JAMAICA WORKS
95-25 149TH STREET

QUEENS, NEW YORK

Draft Remedial Investigation Report

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LIST OF ACRONYMS

Acronym	Definition
1,1,1-TCA	1,1,1-trichloroethane
AOCs	Areas of Concern
ASTM	American Society for Testing and Materials
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BN	Base/Neutral
bgs	Below Ground Surface
CAMP	Community Air Monitoring Plan
CSCO	Commercial Soil Cleanup Objective
CoC	Chain of Custody
COC	Contaminants of Concern
CVOC	Chlorinated Volatile Organic Compound
DER-10	Division of Environmental Remediation Technical Guide 10
DPP	Direct-push Probe
DUSR	Data Usability Summary Report
ECs	Engineering Controls
ELAP	New York State Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
eV	Electron Volt
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
HDPE	High-density Polyethylene
Ics	Institutional Control
IDW	Investigation Derived Waste
IRM	Interim Remedial Measure
IRMCR	IRM Completion Report
IRMWP	IRM Work Plan
MCL	Maximum Contaminant Level
MEK	Methyl Ethyl Ketone
mg/kg	Milligrams per Kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAPL	Non-Aqueous Phase Liquid
NAVD88	North American Vertical Datum of 1988
ND	Non-Detectable
NTUs	Nephelometric Turbidity Units
NYCRR	New York Codes, Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
ORP	Oxidation-Reduction Potential
OSHA	United States Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons

Acronym	Definition
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	Photoionization detector
ppb	Parts per billion
ppm	Parts per million
ppt	Parts per trillion
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RA	Remedial Action
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRGV	Restricted Residential Guidance Value
RRSCO	Restricted Residential Soil Cleanup Objective
SCOs	Soil Cleanup Objectives
SIM	Selective Ion Monitoring
SSDS	Sub-Slab Depressurization System
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethylene
ULURP	Uniform Land Use Review Procedure
UST	Underground Storage Tank
UUGV	Unrestricted Use Guidance Value
UUSCO	Unrestricted Use Soil Cleanup Objective
VCP	Voluntary Cleanup Program
VEC	Vapor Encroachment Condition
VOC	Volatile Organic Compound
µg/kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
µg/m^3	Micrograms per Meter Cubed

CERTIFICATION

I, Stephen Malinowski, QEP, certify that I am currently a Qualified Environmental Professional (QEP), as defined in 6 NYCRR Part 375, and that this Remedial Investigation Report (RIR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), and that all activities were performed in full accordance with the DER-approved work plans, work plan addenda, and any DER-approved modifications.

Stephen Malinowski, QEP		DRAFT
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

This Remedial Investigation Report (RIR) provides information for the establishment of remedial action objectives (RAOs), evaluation of remedial action (RA) alternatives, and selection of a remedy pursuant to the Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation. The Remedial Investigation (RI) described in this RIR is consistent with applicable guidance.

Site Location and Current Usage

The property is located at 95-25 149th Street in the Jamaica section of Queens, New York, also identified as Queens Borough Tax Block 10002, Lots 1, 10, and 13 on the New York City Tax Map (the "Site"). On July 7, 2021, Radix 95-25 149th St LLC (the "Applicant") entered into a Brownfield Cleanup Agreement (BCA) (Index No. C241252-06-21) for the Site with the New York State Department of Environmental Conservation (NYSDEC) as a Volunteer.

Currently, the approximately 1.17-acre Site contains 11 one- to two-story buildings. The majority of the buildings on Lot 1 (95-25 149th Street) are unoccupied and only utilized by the current Site owner for office space, storage of construction materials, and warehousing. The southern portion of Lot 1 is occasionally utilized for professional films and television sets. Lot 10 (95-08 150th Street) contains a one-story brick building and includes a garage, shop, storage, and an office utilized by a private contractor. Lot 13 (95-12 150th Street) contains a two-story building and includes a loading dock, shop, and an office utilized by a private contractor. To support the proposed redevelopment, the Site is anticipated to be rezoned from M1-4 (manufacturing). The redevelopment plans and regulatory approvals will be advanced under the Uniform Land Use Review Procedure (ULURP). The Site location and topography of the Site and surrounding area are shown on Figure 1, and the Site layout is shown on Figure 2.

Surrounding Area

The Site is abutted to the north by commercial/industrial buildings, warehouses, and residential apartment buildings along 95th Avenue; to the east by Mohan's Precast USA, Inc., Taste of Heaven Ministries, and industrial buildings and warehouses; to the south by commercial/industrial buildings and residential properties along 97th Avenue; and to the west by commercial/industrial buildings along 149th Street. The surrounding area is predominantly commercial and industrial with some residential uses.

There are no sensitive receptors (i.e., schools, daycares, or hospitals) within 600 feet of the Site. The nearest sensitive receptors include Imagine Early Learning Centers @ Jamaica Kids located at 155-10 Jamaica Avenue (approximately 1,320 feet to the northeast) and Queens High School for the Sciences located at 94-50 159th Street (approximately 1,360 feet to the northeast). There are no water bodies located on or adjacent to the Site. Willow Lake is located approximately 2 miles northwest of the Site and Jamaica Bay is located approximately 4 miles south of the Site.

Surrounding land use and sensitive receptors are shown on Figure 3.

Historical Site Uses

Available records indicated that Lot 1 was occupied by Jas. Macbeth Cap and Fuse Factory (manufacturer of patent blasting machinery) and private residences between approximately 1891 and 1901. The fuse factory included various uses such as a tarring house and coal and tinning houses. Lot 1 was later occupied by General Acoustic Company in 1911 and Dictagraph Products Corporation between approximately 1925 and 1951. Abbott Wire Products was identified on Lot 1 between 1963 and 2006. Other uses on Lot 1 included a metal plating shop and refuse burning. Lots 10 and 13 were also occupied by Jas. Macbeth Cap and Fuse Factory from 1891 through 1901, and General Acoustic Company in 1911. By 1925, Lot 10 was utilized as a battery service facility and tin shop and Lot 13 was occupied by a garage and oil burner manufacturer. In 1951, Lots 10 and 13 were occupied by a paper box manufacturer until approximately

1963 when a sink top manufacturer was identified on both lots through approximately 2006. According to the 2019 Phase I Environmental Site Assessment (ESA), the Site buildings have also been used for metal plating operations since the late 1950s. Tetrachloroethene (PCE) was reportedly used for vaporizing operations related to metals, predominantly on Lot 10.

Areas of Concern (AOCs)

The following environmental issues identified during previous assessments were considered areas of concern (AOCs) for the RI. The AOCs include:

- The Site's former industrial use, including metal plating, manufacturing, tannery, and fuse factory;
- Elevated concentrations of chlorinated solvents detected in soil vapor sampled during a 2020 Phase II Environmental Site Assessment (ESA); and
- Elevated concentrations of chlorinated solvents and metals in soil sampled during a 2020 Phase II ESA.

Summary of the Work Performed under the Remedial Investigation (RI)

The RI was performed in July 2022. A supplemental RI was performed in September 2024 to collect additional data in the southern portion of the Site. The RIs included the following scope of work:

1. The performance of two geophysical surveys across accessible portions of the Site and utility mark-outs.
2. The advancement of 15 soil borings with continuous soil sampling and laboratory analysis of 41 soil samples.
3. The collection of and laboratory analysis of one sediment sample from a floor drain on Lot 10.
4. The installation of 6 permanent groundwater monitoring wells with the collection and laboratory analysis of 6 groundwater samples.
5. The installation of 13 temporary soil vapor probes and the collection and laboratory analysis of 5 sub-slab soil vapor samples and 8 soil vapor samples.
6. The performance of 2 groundwater monitoring well elevation and location surveys of the newly installed monitoring wells.

Summary of Hydrogeological Findings

The following geologic and hydrogeologic conditions were noted during the RI:

1. Based on the August 2022 surveys of the Site by Fehringer Surveying, PC, the Site lies at an elevation of 35.52 to 38.84 feet above the North American Vertical Datum of 1988 (NAVD88), and slopes down in a generally north to northwesterly direction.
2. The stratigraphy of the Site, from the surface down, generally consisted of uncontrolled fill material comprising sand, gravel, and silt, with varying amounts of brick and concrete extending from grade to approximately 5 to 13 feet below grade. The fill layer was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 30 feet below grade). Bedrock was not encountered during the RI.
3. Groundwater beneath the Site ranges from elevation 19.19 to elevation 19.50 (NAVD88), or 10.68 to 19.25 feet below grade across the Site. Based on the well elevation survey, groundwater flows in a generally southerly to southeasterly direction beneath the Site.

Summary of Environmental Findings

Soil

Forty-one soil samples and one sediment sample were collected. The soil samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260D, semi-volatile organic compounds (SVOCs) by EPA Method 8270E, pesticides by EPA Method 8081B, polychlorinated biphenyls (PCBs) by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270E, and the NYSDEC list of 21 PFAS compounds by EPA Method 537 (modified) and EPA Method 1633 (samples collected in 2024). The sediment sample was analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, TAL metals by EPA Method 6000/7000 series, 1,4-dioxane by EPA Method 8270E, and PFAS compounds by EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633. The soil and sediment sample analytical results for VOCs, SVOCs, PCBs, pesticides, and metals, were compared to the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs), the applicable Soil Cleanup Objectives (SCOs) for the proposed future use of the Site. Concentrations of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were compared to the guidance values for UUSCOs and RRSCOs presented in NYSDEC's April 2023 *Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs*.

One VOC, acetone, was detected in sample RI-SB-DRAIN_1-1.5_20220727 at a concentration of 0.15 milligrams per kilogram (mg/kg), above the UUSCO of 0.05 mg/kg, but below the RRSCO of 100 mg/kg. No other VOCs were detected above UUSCOs and RRSCOs. Tetrachloroethylene (PCE) was detected in 20 samples, below the UUSCO of 1.3 mg/kg, at concentrations up to 0.046 mg/kg in samples RI-SB-05_5-7_20220726 and RI-SB-08_5-7_20220728. Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above their respective UUSCOs in three samples. Six of the SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were additionally detected above the RRSCOs at concentrations up to 5.3 mg/kg. Total PCBs were not detected above laboratory reporting limits in any soil samples. One pesticide, P,P'-DDE, was detected in sample RI-SB-07_0-2_20220725 at concentrations above the UUSCO, but below the RRSCO. Seven metals (barium, cadmium, copper, lead, mercury, nickel, and zinc) were detected in 21 soil samples at concentrations ranging from 0.32 mg/kg to 1,310 mg/kg, above their respective UUSCOs. Barium, cadmium, lead, and mercury were additionally detected above RRSCOs in up to 14 samples.

Perfluorooctanoic acid (PFOA) was detected in sample RI-SB-DRAIN_1-1.5_20220727 at an estimated concentration of 1.55 parts per billion (ppb), above the NYSDEC UUSCO Guidance Value (UUGV) of 0.66 ppb but below the NYSDEC RRSCO Guidance Value (RRGV) of 33 ppb. Perfluorooctanesulfonic acid (PFOS) was detected in sample RI-SB-02_0-2_20220727 at low levels up to an estimated concentration of 0.19 ppb, below the UUGV of 0.88 ppb. 1,4-Dioxane was not detected above laboratory reporting limits in any soil samples.

Groundwater

Six groundwater samples were collected for laboratory analysis of VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, 1,4-dioxane by EPA Method 8270E Selective Ion Monitoring (SIM), and the NYSDEC list of 21 PFAS by Modified EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633. Groundwater sample analytical results for VOCs, SVOCs, PCBs, pesticides, and total/dissolved metals were conservatively compared to the NYSDEC (Ambient Water Quality Standards and Guidance Values) AWQSGVs for Class GA groundwater. PFAS concentrations were compared to the guidance values presented in NYSDEC's April 2023 *Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs*.

VOCs were not detected in the groundwater samples at concentrations above their respective AWQSGVs. One SVOC, 1,4-dioxane, was detected in sample RI-MW-01_20220817 at a concentration of 0.36 micrograms per liter (µg/L), above the AWQSGV of 0.35 µg/L. Up to three metals (iron, manganese, and/or sodium) were detected above their respective AWQSGVs in each of the six unfiltered groundwater samples, and sodium was detected above the AWQSGVs in each of the six filtered groundwater samples. PCBs and pesticides were not detected above laboratory reporting limits in any of the six groundwater samples.

PFOA was detected above the NYSDEC guidance value of 6.7 parts per trillion (ppt) in each of the six groundwater samples (plus the blind duplicates) at concentrations up to 46.1 ppt. PFOS was detected above the NYSDEC guidance value of 2.7 ppt in each of the six groundwater samples (plus the blind duplicates) at concentrations up to 33.7 ppt.

Soil Vapor and Indoor Air

Five sub-slab soil vapor samples and eight soil vapor samples were collected from temporary soil vapor points located across the Site. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

The soil vapor samples were analyzed for VOCs by EPA Method TO-15. Forty-four of the 73 VOCs analyzed for were detected in the soil vapor samples. Solvent-related VOCs [including 1,1,1-trichloroethane (1,1,1-TCA), carbon tetrachloride, chlorodifluoromethane, chloromethane, dichlorodifluoromethane, methylene chloride, PCE, and trichloroethylene (TCE)] were detected in the soil vapor samples at individual concentrations up to 530 micrograms per cubic meter (µg/m^3) from a diluted analysis (PCE in sample RI-SV-03_20220728). Other VOCs, including compounds typically associated with petroleum [such as 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 1,3-dichlorobenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, benzene, butane, cyclohexane, cymene, ethylbenzene, isopropanol, isopropylbenzene, methyl ethyl ketone (MEK), m,p-xylenes, n-butylbenzene, n-heptane, n-hexane, n-propylbenzene, o-xylene, and toluene] were detected in the soil vapor samples at individual concentrations up to 330 µg/m^3 (total xylenes in sample RI-SV-10_20240920).

PCE was detected in all thirteen soil vapor samples at concentrations ranging an estimated 0.29 µg/m^3 in sample RI-SV-10_20240920 to 530 µg/m^3 from a diluted analysis in sample RI-SV-03_20220728. TCE, a breakdown product of PCE, was detected in eight of the thirteen soil vapor samples at concentrations ranging from 0.26 µg/m^3 in sample RI-SV-02_20220728 to 50 µg/m^3 from a diluted analysis in sample RI-SV-01_20220728.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

This Remedial Investigation (RI) Report (RIR) summarizes the remedial investigation work performed between July and August 2022, and September and October 2024 for the 95-25 149th Street project site (the "Site"). The goal of the RI was to further define and characterize the nature and extent of Site contamination and to assist with determining the appropriate remedial action. The RI was conducted in general accordance with AKRF's April 2022 New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), which included a Health and Safety Plan (HASP) and a Quality Assurance Project Plan (QAPP), and AKRF's NYSDEC-approved Supplemental RI (SRI) Work Plan (SRIWP) dated June 2024. Deviations from the RIWP or SRIWP are described throughout the document, specifically in Section 4.7.10, although none of the deviations materially affected achieving the objectives of the RI.

1.1 Site Location and Current Usage

The property is an approximately 1.17-acre parcel located at 95-25 149th Street in the Jamaica section of Queens, New York, also identified as Queens Borough Tax Block 10002, Lots 1, 10, and 13 on the New York City Tax Map (Site). On July 7, 2021, Radix 95-25 149th St LLC (the "Applicant") entered into a Brownfield Cleanup Agreement (BCA) (Index No. C241252-06-21) for the Site with the NYSDEC as a Volunteer.

Currently, the Site contains 11 one- to two-story buildings. The majority of the buildings on Lot 1 (95-25 149th Street) are unoccupied and only utilized by the current Site owner for office space, storage of construction materials, and warehousing. The southern portion of Lot 1 is occasionally utilized for professional films and television sets. Lot 10 (95-08 150th Street) contains a one-story brick building and includes a garage, shop, storage, and an office utilized by a private contractor. Lot 13 (95-12 150th Street) contains a two-story building and includes a loading dock, shop, and an office utilized by a private contractor. A sub-slab depressurization system (SSDS) was installed at the Site as an Interim Remedial Measure (IRM) and is currently in operation.

To support the proposed redevelopment, the Site is anticipated to be rezoned from M1-4 (manufacturing). The redevelopment plans and regulatory approvals will be advanced under the Uniform Land Use Review Procedure (ULURP). The Site location and topography of the Site and surrounding area are shown on Figure 1, and the Site layout is shown on Figure 2.

1.2 Description of Surrounding Property

The Site is abutted to the north by commercial/industrial buildings, warehouses, and residential apartment buildings along 95th Avenue; to the east by Mohan's Precast USA, Inc., Taste of Heaven Ministries, and industrial buildings and warehouses; to the south by commercial/industrial buildings and residential properties along 97th Avenue; and to the west by commercial/industrial buildings along 149th Street. The surrounding area is predominantly commercial and industrial with some residential uses.

There are no sensitive receptors (i.e., schools, daycares, or hospitals) within 600 feet of the Site. The nearest sensitive receptors include Imagine Early Learning Centers @ Jamaica Kids located at 155-10 Jamaica Avenue (approximately 1,320 feet to the northeast) and Queens High School for the Sciences located at 94-50 159th Street (approximately 1,360 feet to the northeast). There are no water bodies located on or adjacent to the Site. Willow Lake is located approximately 2 miles northwest of the Site and Jamaica Bay is located approximately 4 miles south of the Site.

Surrounding land use and sensitive receptors are shown on Figure 3.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Available records indicated that Lot 1 was occupied by Jas. Macbeth Cap and Fuse Factory (manufacturer of patent blasting machinery) and private residences between approximately 1891 and 1901. The fuse factory included various uses such as a tarring house, and coal and tinning houses. Lot 1 was later occupied by General Acoustic Company in 1911 and Dictagraph Products Corporation between approximately 1925 and 1951. Abbott Wire Products was identified on Lot 1 between 1963 and 2006. Other uses on Lot 1 included a metal plating shop and refuse burning. Lots 10 and 13 were also occupied by Jas. Macbeth Cap and Fuse Factory from 1891 through 1901, and General Acoustic Company in 1911. By 1925, Lot 10 was utilized as a battery service facility and tin shop and Lot 13 was occupied by a garage and oil burner manufacturer. In 1951, Lots 10 and 13 were occupied by a paper box manufacturer until approximately 1963 when a sink top manufacturer was identified on both lots through approximately 2006. According to the 2019 Phase I ESA, the Site buildings have also been used for metal plating operations since the late 1950s. Tetrachloroethene (PCE) was reportedly used for vaporizing operations related to metals manufacturing, predominantly on Lot 10.

Known Site owners for former Lot 1 have included: Jas. Macbeth Cap & Fuse Factory from 1891 to 1901; General Acoustic Co. in 1911; Dictagraph Products Corporation from 1925 to 1962; Abbott Wire Products, Inc. from 1963 to 2006; and Radix 95-25 149th Steet LLC (Applicant) from July 2021 to present day. Known Site owners for former Lots 10 and 13 have included: JAS Macbeth Cap & Fuse Factory from 1897 to 1901; General Acoustic Co. in 1911; and Radix 95-25 149th Steet LLC (Applicant) from July 2021 to present day.

2.2 Proposed Redevelopment Plan

Although the redevelopment plans are still being conceived, the proposed project currently includes demolition of the existing structures (including asbestos and hazardous building materials abatement as applicable), and construction of two 8-story, mixed-use buildings with a site-wide cellar level. It is anticipated that the post-remediation use will include commercial, industrial, and both market-rate and affordable residential.

It is anticipated that the structures in the southern portion of Lot 1 will be demolished to construct a temporary parking lot prior to Site redevelopment.

2.3 Previous Environmental Reports

Phase I Environmental Site Assessment, 95-04 & 95-25 149th Street, 95-08 & 95-12 150th Street, Queens, Queens County, New York, Partridge Venture Engineering, P.C. & Lawrence ENV, LLC, November 2019

Partridge Venture Engineering P.C. (PVE) doing business as Lawrence ENV, LLC (LENV) prepared a Phase I Environmental Site Assessment (ESA) in November 2019. The Phase I ESA was conducted in conformance with the scope and limitations of American Society for Testing & Materials (ASTM) Practice E1527-13 and included a visual inspection of the Site and a review of regulatory database records and historical records. It should be noted that this Phase I ESA was prepared for a larger property, which included the Site. The assessment identified the following Recognized Environmental Conditions (RECs) in connection with the Site:

- All three tax lots within the Site contain an E-Designation for hazardous materials.
- Historically, the Site was utilized for industrial purposes since approximately 1897, including metal plating, finishing and manufacturing, machine shops, tanneries, painting rooms, a tarring

house, a cap and fuse factory, and battery service. The Site's historical uses and anticipated waste generated constituted a REC.

- Nearby current and historic off-site uses with the potential to affect soil vapor beneath the Site included, a vehicle dismantling facility, a dry cleaner, auto repair shops, gasoline stations, garages with fuel oil tanks, an air conditioning manufacturer, a wire products manufacturer, and an auto painting and spraying facility. The regulatory database also identified five nearby sites in the Voluntary Cleanup Program (VCP).

Phase II Environmental Site Assessment, Abbott 149th and 150th Street Site, 95-25 149th St. and 95-08 & 95-12 150th St., Queens, New York, AKRF, November 2020

AKRF was retained by the Applicant to conduct a Phase II ESA between August and October 2020. The scope of work was based on the findings of the November 2019 Phase I ESA prepared by PVE. The Phase II ESA included a geophysical survey; the advancement of 10 soil borings across the Site and collection of up to two soil samples from each boring; installation of five temporary groundwater monitoring wells and collection of five groundwater samples; installation of seven temporary soil vapor points with collection of seven soil vapor samples; and collection of seven indoor air samples from the interior of buildings and one ambient (outdoor) air sample.

Twelve soil samples were collected from the Site for laboratory analysis. A shallow sample (collected from a 2-foot interval within the upper 5 feet below grade) was taken from each of the 10 soil borings. A second deeper sample (from the 2-foot interval directly above the water table at the groundwater interface) was collected from borings SB-10 and SB-18. Soil samples were analyzed for VOCs by EPA Method 8260, semivolatile organic compounds-base neutral fraction (SVOCs-BN) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, and the Target Analyte List (TAL) of metals by EPA Method 6000/7000 series. Five 1-inch diameter temporary groundwater monitoring wells were installed within five borings across the Site. The groundwater samples were analyzed for VOCs and SVOCs-BNs by EPA Methods 8260 and 8270, respectively.

Between August 26 and 27, 2020, five temporary soil vapor points (SV-09, SV-10, SV-13, SV-16, and SV-18) were installed to enable the collection of soil vapor samples for laboratory analysis. All soil vapor points were installed between 4 and 5 feet below grade with the exception of SV-16, which was installed approximately 1 to 2 feet beneath the basement slab of the northwestern building on Lot 1. Due to elevated levels of chlorinated volatile organic compounds (CVOCs) detected in the soil sample from SB-18 as well as several of the soil vapor samples, supplemental soil vapor and indoor air sampling was conducted on October 23 and 26, 2020. The supplemental sampling included the collection of two additional sub-slab soil vapor samples, seven indoor air samples, and one ambient (exterior courtyard) air sample. The soil vapor, indoor, and ambient air samples were analyzed for VOCs by EPA Method TO-15.

Soil Quality Conditions

A layer of uncontrolled fill material (comprising sand, gravel, and silt, with varying amounts of brick) was encountered in the upper 5 feet below grade, underlain by sand and silt with fine gravel, down to the maximum boring terminus of 25 feet below grade. Bedrock was not encountered during the investigation. No petroleum-like odors, staining, or elevated photoionization detector (PID) readings were detected.

In the Phase II ESA, AKRF compared the soil sample analytical results to the NYSDEC 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Commercial Soil Cleanup Objectives (CSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). However, based on the proposed end-use of the Site, the soil

samples are compared to the UUSCOs and Restricted Residential Soil Cleanup Objectives (RRSCOs) in this RIWP. Soil laboratory analytical results are summarized below:

- PCE was detected in sample SB-18_3-5_20200827 at a concentration of 14 milligrams per kilogram (mg/kg), above the UUSCO of 1.3 mg/kg, but below the RRSCO of 19 mg/kg. No other VOCs were detected above the UUSCOs and/or RRSCOs. PCE was detected in six other soil samples at concentrations below the UUSCOs.
- SVOCs were detected at low levels up to 1.3 mg/kg, below the UUSCOs and RRSCOs.
- PCBs were not detected at concentrations above the laboratory reporting limits.
- Copper, lead, mercury, and zinc were detected at concentration above their respective UUSCOs. Copper was detected in one sample (SB-14_2-4_20200828) at a concentration of 1,200 mg/kg, above the UUSCO of 50 mg/kg and the RRSCO of 270 mg/kg. Mercury was detected in samples SB-10_17-19_20200827 and SB-11_3-5_20200828 at concentrations of 1.7 mg/kg and 2.5 mg/kg, respectively, above the UUSCO of 0.18 mg/kg and the RRSCO of 0.81 mg/kg. No other metals were detected at concentrations above the RRSCOs.

Groundwater Quality Conditions

Groundwater was encountered between approximately 16 and 20 feet below grade. No visual or olfactory evidence of contamination was detected in the purge water from any monitoring well. Groundwater samples were compared to the NYSDEC 6 NYCRR Part 703.5 Class GA Groundwater Quality Standards and Guidance Values (AWQSGVs).

- No VOCs were detected at concentrations above the AWQSGVs. PCE was detected in all five samples at concentrations ranging from 1.3 to 4.6 micrograms per liter (µg/L), below the AWQSGV of 5 µg/L.
- SVOCs were not detected above laboratory reporting limits in any of the groundwater samples.

The low level detections of PCE indicate may be by the subject VOCs and that further investigation is necessary to delineate the impacts to groundwater.

Soil Vapor Quality Conditions

Petroleum-related VOCs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 2-butanone, 2-hexanone, 4-ethyltoluene, benzene, butane, cyclohexane, ethylbenzene, isopropylbenzene, m,p-xylenes, methyl ethyl ketone (MEK), n-butylbenzene, n-heptane, n-hexane, n-propylbenzene, o-xylene, and toluene, were detected at concentrations up to 1,600 micrograms per cubic meter (µg/m^3).

Chlorinated solvent-related VOCs, including PCE, trichloroethylene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), carbon disulfide, carbon tetrachloride, chlorodifluoromethane, chloromethane, cis-1,2-dichloroethylene, methylene chloride, and trichlorofluoromethane, were detected at concentrations up to 54,300 µg/m^3.

A comparison of the co-located soil vapor and indoor air sample results to the values in the New York State Department of Health (NYSDOH) Soil Vapor/Indoor Air Matrix B indicates that mitigation is required for PCE at all locations. A comparison of the co-located soil vapor and indoor air sample results to the values in the NYSDOH Soil Vapor/Indoor Air Matrix A indicates that mitigation is required for TCE at sampling locations SV-18/IA-18, SV-19/IA-19, and SV-20/IA-20.

Interim Remedial Measure Completion Report, Jamaica Works, 95-25 149th Street, Queens, New York, AKRF, November 2022; Revised July 2023

AKRF prepared an Interim Remedial Measure Completion Report (IRMCR) following completion of the NYSDEC-approved IRM Work Plan (IRMWP). The IRM was conducted to address the potential for soil vapor intrusion into the on-site structures until a Site-wide remedy can be developed and implemented pursuant to a NYSDEC-approved Remedial Action Work Plan (RAWP). Activities completed under the IRM including, sub-slab communication testing, design and installation of six individual SSDSs, and collection of confirmatory indoor air samples.

Following installation of the SSDS and confirmatory startup, six indoor air samples (IRM-IA-01 through IRM-IA-06) were collected across the Site. The samples were analyzed for VOCs by EPA Method TO-15. Chlorinated VOCs (including PCE, TCE, 1,1,2-trichlorotrifluoroethane, acetone, carbon disulfide, carbon tetrachloride, chlorodifluoromethane, chloroform, chloromethane, dichlorodifluoromethane, methylene chloride, and trichlorofluoromethane) were detected at individual concentrations up to 20 µg/m^3 (acetone in sample IRM-IA-05_20220104).

PCE was detected in five of the six samples at concentrations ranging from 0.22 µg/m^3 to 0.85 µg/m^3, all below the AGV of 30 µg/m^3, and significantly below the Phase II (pre-remedial) indoor air PCE concentration detection range of 3.94 to 123 µg/m^3. Methylene chloride was detected at concentrations ranging from 0.65 to 1.9 µg/m^3, all below the AGV of 60 µg/m^3, and significantly below the Phase II indoor air methylene chloride detection concentration range of 16.2 to 129 µg/m^3.

TCE was detected in one sample (IRM-IA-01_20220104) at a concentration of 2.9 µg/m^3, slightly above the AGV of 2 µg/m^3. The sample was collected on the first floor in the northern portion of the building with a partial basement on Lot 1. A source of the TCE was not identified; however, an additional indoor and ambient air sample was collected during the heating season in February 2023 within the location of IRM-IA-01_20220104. TCE was non-detect above laboratory reporting limits in the additional air samples. PCE was detected in the indoor and ambient air samples at concentrations of 1.1 µg/m^3 and 0.78 µg/m^3, respectively. The chlorinated solvents carbon tetrachloride and methylene chloride were detected at concentrations ranging from 0.31 µg/m^3 to 0.76 µg/m^3. The IRMCR was revised to include the February 2023 indoor air data and resubmitted to NYSDEC for approval in July 2023.

Previous environmental reports are included in Appendix A.

2.4 Areas of Concern (AOCs)

The following environmental issues, discussed in Section 2.3, were considered areas of concern (AOCs) for the RI:

- The Site's former industrial use, including metal plating, manufacturing, tannery, and fuse factory;
- Elevated concentrations of chlorinated solvents detected in soil vapor sampled during the 2020 Phase II ESA; and
- Elevated concentrations of chlorinated solvents and metals in soil sampled during the 2020 Phase II ESA.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

Contact information for the parties responsible for the work described in this RIR are included in Table A:

Table A
Project Organization

Company	Individual Name	Title	Contact Number(s)
NYSDEC	Richard Mustico	Project Manager	(518) 402-9647
NYSDOH	Julia Kenney	Project Manager	(518) 402-7873
AKRF, Inc.	Stephen Malinowski, QEP	Project Director	(631) 574-3724
	Rebecca Kinal, P.E.	Remedial Engineer	(914) 922-2362
	Adrianna Bosco	Project Manager	(646) 388-9576
	Mackenzie Miller	Field Team Leader/Site Safety Officer	(631) 357-9404
Radix 95-25 149th St LLC, 95-08 150th St LLC, and 95-12 150th St 11435 LLC (The Applicant)	Eric Deutsch	Applicant's Representative	(917) 597-9811

3.2 Health and Safety

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements. The RI described in this RIR was also performed in general accordance with the Site-specific HASP dated January 2022.

4.0 REMEDIAL INVESTIGATION (RI) ACTIVITIES

The RI was conducted between July 25 through 28, 2022, August 17, 2022, and September 19 through October 7, 2024, and included the following scope of work:

1. The performance of two geophysical surveys across accessible portions of the Site and utility mark-outs.
2. The advancement of 15 soil borings with continuous soil sampling and laboratory analysis of 41 soil samples.
3. The collection of and laboratory analysis of one sediment sample from a floor drain on Lot 10.
4. The installation of 6 permanent groundwater monitoring wells with the collection and laboratory analysis of 6 groundwater samples.
5. The installation of 13 temporary soil vapor probes and the collection and laboratory analysis of 5 sub-slab soil vapor samples and 8 soil vapor samples.
6. The performance of 2 groundwater monitoring well elevation and location surveys of the newly installed monitoring wells.

The locations of the soil borings, groundwater monitoring wells, and temporary soil vapor point locations are shown on Figure 2.

4.1 Geophysical Survey

Geophysical surveys were conducted across accessible portions of the Site to investigate the presence of potential underground storage tanks (USTs) and subsurface utilities, and to clear the proposed sampling locations, by Enviroprobe Service, Inc. of Mount Laurel, New Jersey and by Radar Dynamics of Fair Lawn, New Jersey. The geophysical surveys included ground penetrating radar (GPR) and radiodetection methods.

The geophysical surveys did not identify any anomalies consistent with potential USTs at the Site. Anomalies consistent with underground utilities were identified throughout the Site and were marked appropriately.

The Geophysical Investigation Reports are included as Appendix B.

4.2 Soil Boring Advancement

Between July 25 and 28, 2022, 10 soil borings (RI-SB-01 and RI-SB-03 through RI-SB-11), and between September 19 and 25, 2024, four soil borings (RI-SB-12 through RI-SB-15) were advanced by Eastern Environmental Solutions, Inc. (Eastern) of Manorville, New York throughout the Site using a Geoprobe® direct-push probe (DPP) drill rig, under the oversight of AKRF. Soil boring locations RI-SB-02 and RI-SB-14 were advanced using a hand auger due to access limitations. Additionally, a sediment sample (RI-SB-DRAIN) was collected from a floor drain on Lot 10 using a hand auger.

The soil boring locations are shown on Figure 2. Borings that were converted into permanent monitoring wells (RI-SB-01, RI-SB-03, RI-SB-04, RI-SB-05, RI-SB-13, and RI-SB-15) were advanced to 15 to 30 feet below ground surface (bgs). Borings RI-SB-06, RI-SB-07, RI-SB-08, RI-SB-10, and RI-SB-11 were advanced to the target depth of 15 feet bgs. Borings RI-SB-02, RI-SB-09, RI-SB-12, and RI-SB-14 were advanced to between 2 and 9 feet bgs due to equipment refusal. Sample location RI-SB-DRAIN was collected from the bottom of the drain at approximately 1-foot bgs.

Continuous soil samples were collected to the bottom of the boring terminus, which ranged from 2 to 30 feet bgs. The soil boring locations that were converted into groundwater monitoring wells were surveyed by Fehringer Surveying, P.C. and Control Point Associates, Inc., both New York State-licensed surveyors. The remaining soil boring locations were measured against Site boundaries and fixed landmarks upon their completion. Lithological cross-sections are provided on Figures 4 and 5. Soil boring logs are provided in Appendix C.

4.3 Groundwater Monitoring Well Installation

Four 2-inch-diameter permanent groundwater monitoring wells (RI-MW-01, RI-MW-03, RI-MW-06, and RI-MW-07) were installed by Eastern using a Geoprobe® drill rig under the oversight of AKRF. Due to Site access limitations (limited overhead clearance and rig mobility restrictions), two 1-inch-diameter permanent groundwater monitoring wells (RI-MW-04 and RI-MW-05) were installed by Eastern using a remote -access Geoprobe ® drill rig. The groundwater well locations are shown on Figure 2. All groundwater monitoring wells were constructed with 15 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen installed approximately 5 to 10 feet into the observed water table. Monitoring well RI-MW-05 was constructed with 10 feet of 0.020-inch slotted PVC well screen installed approximately 7 feet below the water table. A No. 02 morie sand pack was installed around the well screens, followed by two feet of hydrated bentonite. Sand was backfilled to one foot below surface grade with non-shrinking cement grout installed above to surface grade. Each of the wells were finished with a locking j-plug, locking flush-mounted protective well cover, and concrete pad.

Due to Site access limitations in the proposed location of RI-SB/MW-02, the boring was relocated approximately 25 feet south and was attempted to be installed using a hand auger. Due to shallow refusal and access limitations, RI-MW-02 could not be installed during this investigation.

Groundwater well construction details and sampling location rationale are summarized in Table B.

Table B
Groundwater Monitoring Well Construction Details and Rationale

Monitoring Well ID	On-Site Well Location	Screened Intervals (feet below grade)	Rationale for Sampling Location
RI-MW-01	Western	10 to 25	To assess groundwater quality on the western portion of the Site; and determine Site-specific groundwater flow direction and elevation.
RI-MW-03	Northeastern	10 to 25	To assess groundwater quality on the northeastern portion of the Site and determine Site-specific groundwater flow direction and elevation.
RI-MW-04	Northwestern	3 to 18	To assess groundwater quality on the northwestern portion of the Site and determine Site-specific groundwater flow direction and elevation.
RI-MW-05	Northeastern	12 to 22	To assess groundwater quality on the northeastern portion of the Site and determine Site-specific groundwater flow direction and elevation.
RI-MW-06	Central	15 to 30	To assess groundwater quality on the central portion of the Site and determine Site-specific groundwater flow direction and elevation

Monitoring Well ID	On-Site Well Location	Screened Intervals (feet below grade)	Rationale for Sampling Location
RI-MW-07	Southern	15 to 30	To assess groundwater quality on the southern portion of the Site and determine Site-specific groundwater flow direction and elevation

The groundwater monitoring well locations are shown on Figure 2. Groundwater monitoring well construction logs are provided in Appendix C. Groundwater sample analytical results are discussed in Section 5.3.

4.4 Groundwater Monitoring Well Development

Following installation, each well was developed via pumping and surging with a Peristaltic or Monsoon pump affixed with dedicated high-density polyethylene (HDPE) tubing to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development water was monitored with a Horiba U-52 or YSI ProDSS water quality meter during development. The goal of well development was to reduce turbidity within the well until less than 50 nephelometric turbidity units (NTUs) were recorded for three successive readings, and until water quality indicators [pH, temperature, oxidation reduction potential (ORP), dissolved oxygen, and specific conductivity] stabilized to within 10% for three successive readings. Monitoring wells RI-MW-01 and RI-MW-03 through RI-MW-07 were developed until at least three well volumes were purged, groundwater was visibly clear, and/or water quality indicators stabilized. All purged groundwater was containerized in New York State Department of Transportation (NYSDOT)-approved 55-gallon drums for off-site disposal. Investigation-derived waste (IDW) is discussed in Section 4.7.9.

Groundwater monitoring well development logs are provided in Appendix D.

4.5 Groundwater Monitoring Well Elevation and Location Survey

Groundwater monitoring wells were surveyed by Fehringer Surveying, P.C., and Control Point Associates, Inc., both New York State-licensed surveyors. Elevation measurements were taken at the access cover and on the north side of the top of the PVC casing at each of the groundwater monitoring wells; location measurements were taken at the access cover. Horizontal and vertical datum were tied to the North American Vertical Datum of 1988 (NAVD88). The groundwater elevation ranged from 19.19 to 19.50 feet NAVD. Based on the surveyed elevations, groundwater flows in a generally southerly to southeasterly direction across the Site.

The locations of the groundwater monitoring wells are shown on Figure 2. A groundwater elevation contour map is included as Figure 6, and groundwater elevation data is presented in Table 1. The groundwater monitoring well elevation survey for the Site is provided as Appendix E, and groundwater sampling logs are provided as Appendix F.

4.6 Temporary Soil Vapor Point Installation

Thirteen temporary soil vapor points (RI-SV-01 through RI-SV-13) were installed at the locations shown on Figure 2. Five sub-slab soil vapor points (RI-SV-01 and RI-SV-03 through RI-SV-06) were installed approximately 6 to 9 inches below the existing concrete foundation slab. The remaining eight vapor points (RI-SV-02 and RI-SV-07 through RI-SV-13) were installed at depths ranging from 4 to 15 feet bgs below asphalt and/or concrete paved areas. Soil vapor points RI-SV-02 and RI-SV-07 were installed at 4 and 6 feet bgs, respectively, due to access restrictions and equipment refusal.

At each soil vapor point, a 6-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed by hand or through the drilling rods and threaded into the drive point. The sample tubing was extended from the bottom end of the screen to above grade. The rods were then removed, and the borings were backfilled with clean silica sand above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface on all soil vapor points.

The soil vapor sampling logs, provided as Appendix G, include vapor point construction details.

4.7 Sample Collection and Chemical Analysis

Soil, groundwater, and soil vapor were sampled and evaluated in this RIR. The sampling performed, as presented below, provides a basis for the evaluation of subsurface Site conditions and potential remedial actions with respect to the media sampled.

4.7.1 Soil Sampling

Soil cores from soil borings RI-SB-01, RI-SB-03 through RI-SB-13, and RI-SB-15 were collected in decontaminated 3- or 5-foot-long, 2-inch-diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. Soil cores from borings RI-SB-02, RI-SB-14, and the Lot 10 floor drain (RI-SB-DRAIN) were collected via a decontaminated stainless-steel hand auger and laid out on polyethylene sheeting in sequential order. All sampling equipment was either dedicated or decontaminated between sampling locations.

Soil cores were field-screened using a PID equipped with an 11.7 electron volt (eV) lamp and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with isobutylene gas in accordance with the manufacturer's specifications. At each boring location, AKRF field personnel recorded and documented subsurface conditions. No field evidence of contamination, including elevated PID readings above background conditions, petroleum- or solvent-like odors, and/or dark staining, were encountered in the remaining borings. Evidence of free phase product [non-aqueous phase liquid (NAPL)] was not identified during the RI.

During the RI, 41 soil samples and one sediment sample were submitted for laboratory analysis. Up to three soil samples were collected from each soil boring location. At each boring location, one soil sample was collected from the upper 2 feet beneath the concrete slab or existing pavement, a second sample was collected from bottom two feet of the observed fill layer (if encountered), and a third was collected from the 2-foot interval at the bottom of the boring. Only two samples were collected from soil boring RI-SB-12, as the bottom two feet of the observed fill layer was encountered at the bottom of the soil boring.

All soil and sediment samples were submitted to Eurofins Environment Testing Northeast, LLC (Eurofins) of Edison, New Jersey and Burlington, Vermont, both NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratories, in accordance with EPA chain of custody (CoC) protocols. Soil samples collected were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270E, and the NYSDEC list of 21 per- and polyfluoroalkyl substances (PFAS) by EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633. Sediment sample RI-SB-DRAIN was analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, TAL metals by EPA Method 6000/7000 series, 1,4-dioxane by EPA Method 8270E, and the NYSDEC list of 21 per- and

polyfluoroalkyl substances (PFAS) by EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633.

Soil sampling locations, depths, and rationales are summarized in Table C.

Table C
Soil Boring Details and Sampling Rationale

Soil Boring	On-Site Location	Sample Depth Intervals (feet below grade)	Rationale
RI-SB-01	Western	0 to 2, 7 to 9, 13 to 15	To assess soil quality in the western portion of the Site
RI-SB-02	Southern	0 to 2, 2 to 4	To assess soil quality in the southern portion of the Site and downgradient of the in-service 7,500-gallon AST
RI-SB-03	Northeastern	0 to 2, 5 to 7, 13 to 15	To assess soil quality in the northeastern portion of the Site near suspect source area
RI-SB-04	Northwestern	0 to 2, 4 to 6, 13 to 15	To assess soil quality in the northwestern portion of the Site
RI-SB-05	Northeastern	0 to 2, 5 to 7, 13 to 15	To assess soil quality in the northeastern portion of the Site
RI-SB-06	Northeastern	0 to 2, 4 to 6, 13 to 15	To assess soil quality in the northeastern portion of the Site
RI-SB-07	Northwestern	0 to 2, 6 to 8, 13 to 15	To assess soil quality in the northwestern portion of the Site
RI-SB-08	Central	0 to 2, 5 to 7, 13 to 15	To assess soil quality in the central portion of the Site
RI-SB-09	Southern	0 to 2, 3 to 5, 7 to 9	To assess soil quality in the southern portion of the Site
RI-SB-10	Northern	0 to 2, 5 to 7, 13 to 15	To assess soil quality in the northern portion of the Site
RI-SB-11	Northeastern	0 to 2, 5 to 7, 13 to 15	To assess soil quality in the northeastern portion of the Site
Lot 10 Floor Drain	Northern	1 to 1.5	To assess sediment quality in the floor drain near the suspect source area
RI-SB-12	Central	0 to 2, 7 to 9	To assess soil quality in the central portion of the Site
RI-SB-13	Central	0 to 2, 11 to 13, 13 to 15	To assess soil quality in the central portion of the Site
RI-SB-14	Southern	0 to 2	To assess soil quality in the southern portion of the Site and downgradient of the in-service 7,500-gallon AST
RI-SB-15	Southern	0 to 2, 10 to 12, 13 to 15	To assess soil quality in the southern portion of the Site

4.7.2 Soil Quality Assurance/Quality Control (QA/QC) Sampling

For QA/QC purposes, three matrix spike/matrix spike duplicate (MS/MSD) samples, three blind duplicate samples, three aqueous field blanks, and three aqueous trip blanks were submitted for laboratory analysis, as discussed in Section 4.7.7.

Soil and sediment samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. The soil and sediment samples were analyzed by Eurofins. Third-party data validation was performed by L.A.B. Validation Corp., of East Northport, New York, and Data Usability Summary Reports (DUSRs) were prepared.

DUSRs are further discussed in Section 4.7.7, and soil analytical data is discussed in Section 5.2. The soil boring locations are shown on Figure 2. Soil boring logs are provided in Appendix C.

4.7.3 Groundwater Sampling

Groundwater samples were collected from the six monitoring wells in accordance with EPA low flow sampling methodology, the NYSDEC guidance for *Sampling, Analysis, And Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs,* dated April 2023, and the Site-specific QAPP (included as Appendix A of the RIWP). Groundwater samples were collected using dedicated and decontaminated sampling equipment. The groundwater samples were collected a minimum of one week after well development.

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each of the groundwater monitoring wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. Free phase product was not detected in the groundwater monitoring wells during installation, purging, or sampling. Purging of the wells continued with a submersible pump affixed with dedicated high-density polyethylene (HDPE) tubing until at least three well volumes were removed, groundwater was visibly clear, and/or water quality indicators stabilized. All purge water from the groundwater monitoring wells was containerized in labeled, NYSDOT-approved 55-gallon drums for off-site disposal at a permitted facility. Disposal of IDW is further discussed in Section 4.7.9.

The groundwater samples were submitted to Eurofins for analysis of VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, 1,4-dioxane by EPA Method 8270E Selective Ion Monitoring (SIM), and the NYSDEC list of 21 PFAS by Modified EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633.

4.7.4 Groundwater Quality Assurance/Quality Control (QA/QC) Sampling

For QA/QC purposes, two MS/MSD samples, two blind duplicate samples, two aqueous field blanks, two equipment blanks, and two aqueous trip blanks were collected and submitted with the groundwater samples. The MS/MSD, field blank, and blind duplicate samples were submitted for the same laboratory analyses as the accompanying groundwater samples; the equipment blank sample was submitted for laboratory analysis of PFAS by Modified EPA Method 537.1/ Standard EPA Method 1633 only; and the trip blank was submitted for laboratory analysis of VOCs by EPA Method 8260 only.

Sample containers were labeled, placed in ice-filled coolers, and shipped to the laboratory via courier with CoC documentation. The laboratory samples were analyzed by Eurofins with Category B deliverables. Third-party data validation was performed by L.A.B. Validation Corp and DUSRs were prepared.

DUSRs are further discussed in Section 4.7.7, and groundwater analytical data is discussed in Section 5.3. Groundwater sampling logs are provided in Appendix F.

4.7.5 Soil Vapor Sampling

Five sub-slab soil vapor samples (RI-SV-01 and RI-SV-03 through RI-SV-06) and eight soil vapor samples (RI-SV-02 and RI-SV-07 through RI-SV-13) were collected from the temporary soil vapor points shown on Figure 2. Prior to collection, each temporary soil vapor sampling point was purged of approximately three sample volumes using a low-flow air pump at a flow rate of approximately 0.2 liter per minute. During purging, a shroud was placed over each sampling point and helium gas was introduced to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using an 11.7 eV PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. It should be noted that soil vapor samples collected from depths shallower than 5 feet may be prone to negative bias due to the infiltration of outdoor (ambient) air, although, all soil vapor points passed the seal integrity tests with helium detections of non-detect. As instructed by NYSDEC, the SSDS was in operation at the time of the sampling.

After purging, probes RI-SV-01 through RI-SV-13 were connected via Teflon™-lined polyethylene tubing to a laboratory-supplied batch-certified 6-Liter SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. Immediately after opening the flow control valve, the initial SUMMA® canister vacuum (inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory. Soil vapor sample RI-SV-10 was stopped early for proper laboratory analysis due to low canister vacuum noted after approximately one hour.

Soil vapor sampling locations, depths, and rationales are summarized in Table D.

Table D
Soil Vapor Sample Details

Soil Vapor Point ID	Temporary Soil Vapor Point Location	Sampling Depth (below existing slab-on-grade)	Purged Vapor PID Reading (ppm)	Rationale For Sampling Location
RI-SV-01	Western	9 inches	1.0	To determine concentrations of VOCs on the western portion of the Site, evaluate the potential for off-site exposure to west, and determine if there is a vapor intrusion concern.
RI-SV-02	Southern	4 feet	1.2	To determine concentrations of VOCs on the southern portion of the Site and if there is a vapor intrusion concern.
RI-SV-03	Northeastern	6 inches	2.1	To determine concentrations of VOCs on the northeastern portion of the Site, and if there is a vapor intrusion concern.
RI-SV-04	Northeastern	6 inches	1.9	To determine concentrations of VOCs on the northeastern portion of the Site and determine if there is a vapor intrusion concern.
RI-SV-05	Northwestern	6 inches	0.9	To determine concentrations of VOCs on the southern portion of the Site, evaluate the potential for off-site exposure to the west, and determine if there is a vapor intrusion concern.
RI-SV-06	Southern	9 inches	0.8	To determine concentrations of VOCs on the southern portion of the Site, evaluate the potential for off-site exposure to the southeast, and determine if there is a vapor intrusion concern.
RI-SV-07	Southern	6 feet	1.2	To determine off-site conditions and support the QHHEA.
RI-SV-08	Southwestern	15 feet	1.6	To determine off-site conditions and support the QHHEA.
RI-SV-09	Northeastern	15 feet	2.0	To determine off-site conditions and support the QHHEA.
RI-SV-10	Southwestern	5 feet	1.2	To determine off-site conditions and support the QHHEA.
RI-SV-11	Southern	5 feet	0.8	To determine off-site conditions and support the QHHEA.
RI-SV-12	Southeastern	5 feet	0.7	To determine concentrations of VOCs on the southeastern portion of the Site, evaluate the potential for off-site exposure to the southeast, and determine if there is a vapor intrusion concern.
RI-SV-13	Southern	5 feet	ND	To determine concentrations of VOCs on the southern portion of the Site, evaluate the potential for off-site exposure to the southeast, and determine if there is a vapor intrusion concern.

Notes:
ppm – parts per million
ND – not detected

Methodologies used for soil vapor assessment conform to the *New York State Department of Health Final Guidance on Soil Vapor Intrusion,* October 2006; updated February 2024. The vapor samples were analyzed for VOCs by EPA Method TO-15 by Eurofins with Category B deliverables. Sample containers were shipped to the laboratory via courier with appropriate CoC documentation. Third-party data validation was performed by L.A.B. Validation Corp and DUSRs were prepared.

DUSRs are further discussed in Section 4.7.7, and soil vapor analytical data is discussed in Section 5.4. Soil vapor sample locations are shown on Figure 2. Soil vapor sampling logs are included as Appendix G.

4.7.6 Chemical Analysis

Chemical analytical work has been performed under a QA program, which is summarized in Table E.

Table E
QA Program

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Stephen Malinowski of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	The chemical analytical laboratories used in the RI were Eurofins of Edison, New Jersey and Burlington, Vermont.
Chemical Analytical Methods	Soil analytical methods: • VOCs by EPA Method 8260D • SVOCs by EPA Method 8270E • PCBs by EPA Method 8082A • Pesticides by EPA Method 8081B • TAL Metals by EPA Method 6000/7000 series • Cyanide by EPA Method 9012 • Hexavalent chromium by EPA Method 7196A • 1,4-Dioxane by EPA Method 8270E • 21 compound PFAS list by Modified EPA Method 537/Standard list of 40 by EPA Method 1633 Groundwater analytical methods: • VOCs by EPA Method 8260D • SVOCs by EPA Method 8270E • PCBs by EPA Method 8082A • Pesticides by EPA Method 8081B • TAL Metals (total and dissolved) by EPA Method 6000/7000 series • Cyanide By EPA Method 9012 • 1,4-Dioxane by EPA Method 8270E SIM • 21 compound PFAS list by Modified EPA Method 537/Standard list of 40 by EPA Method 1633 Soil vapor analytical method: • VOCs by EPA Method TO-15

4.7.7 Quality Assurance/Quality Control (QA/QC) Sampling

In accordance with DER-10 requirements, QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC samples were analyzed at Eurofins. The third-party data validation was performed by L.A.B. Validation Corp. and reported in DUSRs for soil, groundwater, and vapor. Laboratory analytical data sets and DUSRs are provided in Appendix H. QA/QC sampling consisted of the following:

Soil QA/QC Samples

- Three MS/MSD samples: RI-SB-09_0-2_20220726, RI-SB-06_13-15_20220727, and RI-SB-12_7-9_20240920
- Three blind duplicate samples: RI-SB-X_13-15_20220726 (collected from RI-SB-04_13-15_20220726), RI-SB-X_4-6_20220727 (collected from RI-SB-06_4-6_20220727), and RI-SB-X_0-2_20240920 (collected from RI-SB-14_0-2_20240920)
- Three trip blank samples: TB_20220726, TB_20220728, and RI-TB-S_20240919
- Three field blank samples: FB_20220726, FB_20220727, and RI-FB-S_20240919

Groundwater QA/QC Samples

- Two MS/MSD samples: RI-MW-01_20220817 and RI-MW-07_20241007
- Two blind duplicate samples: RI-MW-X_20220817 (collected from RI-MW-03_20220817) and RI-MW-X_20241007 (collected from RI-MW-06_20241007)
- Two field blank samples: RI-FB-GW-01_20220817 and RI-FB-GW_20241007
- Two equipment blank samples: RI-EB-GW-01_20220817 and RI-EB-GW_20241007
- Two trip blank samples: RI-TB-GW-01_20220817 and RI-TB-GW_20241007

QA/QC samples were submitted with the soil and groundwater samples. The field blank, blind duplicate, and MS/MSD samples were analyzed for the same analyte list as the accompanying soil and groundwater samples. The equipment blank samples were submitted for laboratory analysis of PFAS by Modified EPA Method 537.1/Standard EPA Method 1633 only. The trip blank samples were submitted for laboratory analysis of VOCs only.

Data Validation

The DUSRs concluded that the overall assessment of the data generated was of acceptable quality. The soil, groundwater, and soil vapor DUSRs identified additional qualifiers for specific compounds, as explained in Appendix H. The data was determined to be acceptable for use with the additional data qualifiers. The qualifiers have been added to the soil, groundwater, and soil vapor data summary tables provided as Tables 2 through 15, and are summarized below:

- J: The concentration given is an estimated value.
- K: Reported concentration value is proportional to dilution factor and may be exaggerated.
- L: Sample result is estimated and biased low.
- R: DUSR indicates the reported result is unusable. (Note: the analyte may or may not be present.)
- U: The analyte was not detected at the indicated concentration.
- D: Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

4.7.8 Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor/indoor air samples are summarized in Tables 2 through 7, Tables 8 through 14, and Table 15, respectively. Soil sample concentrations above UUSCOs and RRSCOs, and PFAS concentrations above NYSDEC guidance values are shown on Figure 7. Groundwater sample concentrations above AWQSGVs and PFAS concentrations above NYSDEC guidance values are shown on Figure 8. Soil vapor analytical results are shown on Figure 9. Laboratory data deliverables are provided in digital form in Appendix H.

4.7.9 Management of Investigation-Derived Waste (IDW)

Handling of IDW and backfilling of boreholes was conducted in accordance with Section 3.3(e) of DER-10. IDW that did not exhibit evidence of contamination (e.g., staining, elevated PID readings, oily sheens, odors, etc.) was used to backfill the corresponding borehole that generated them to within 24 inches of the surface. All development and purge water from the investigation was containerized in NYSDOT-approved 55-gallon drums.

The drums were sealed at the end of each workday and labeled with the date, the well or boring number, the type of waste (i.e., drill cuttings, decontamination fluids, development water, or purge water) and the name of an AKRF point-of-contact. All drums were labeled "pending analysis" until laboratory data became available. All boreholes were restored at the surface with concrete after being backfilled. Two drums containing development and purge water (approximately 100 gallons) and one drum of drill cuttings were disposed of off-site at GFL Environmental, Inc. in Quebec, Canada by Eastern on August 26, 2022, in accordance with applicable regulations. One drum containing development and purge groundwater (approximately 55 gallons) was disposed of off-site at Dale Transfer Corp. in West Babylon, New York by AARCO Environmental Services. The fully executed IDW disposal manifests are included as Appendix I.

4.7.10 Deviations from the Remedial Investigation Work Plan (RIWP) and Supplemental RI Work Plan (SRIWP)

The following components of the RI deviated from the RIWP and SRIWP:

- Due to access limitations and the presence of suspect friable asbestos overhead in the proposed location of RI-SB/MW/SV-02, the boring was relocated approximately 25 feet south. The boring location was advanced using a hand auger due to the structural integrity of the interior floorboard. Shallow refusal was encountered at 4 feet bgs and no groundwater was encountered in RI-SB-02. Therefore, RI-MW-02 was not installed

as part of this RI and only two soil samples were taken at this location (0 to 2 feet bgs and 2-4 feet bgs). If required, a supplemental RI may be conducted following demolition of the southern Site building and receipt of the development plans to fill in any data gaps. Soil vapor point RI-SV-02 was installed at approximately 4 feet bgs, as opposed to a sub-slab point.

- Due to concerns related to the structural integrity of the floor and the presence of a crawl space located beneath proposed soil vapor points RI-SV-10 and RI-SV-11, the sampling points were relocated immediately outside of the building footprint, approximately 15 feet west. This revised sample locations were approved by NYSDEC and NYSDOH in an e-mail dated September 18, 2024.
- Soil boring RI-SB-14 was advanced using a hand auger due to a low ceiling clearance height causing access limitations. Shallow refusal was encountered at 2 feet bgs.
- Due to shallow equipment refusal, borings RI-SB-09 and RI-SB-12 were advanced to 9 feet bgs and the proposed target depth of 15 feet was not reached.
- Due to shallow equipment refusal at the RI-SV-07 location, the soil vapor point was installed at 6 feet bgs and the target installation depth of 15 feet bgs was not reached.

None of the deviations referenced above materially affected achieving the objectives of the RI; however, if required a supplemental RI may be conducted following demolition of the southern Site building.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Stratigraphy

The stratigraphy of the Site, from the surface down, generally consisted of a layer of uncontrolled fill material comprising sand, gravel, and silt, with varying amounts of brick and concrete extending from grade to approximately 5 to 13 feet bgs. The uncontrolled fill was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 30 feet bgs). Bedrock was not encountered during the RI.

5.1.2 Hydrogeology

Based on Site-specific well point measurements, groundwater beneath the Site ranges from elevation 19.19 to elevation 19.50 (NAVD88), or approximately 10.68 to 19.25 feet below grade surface across the Site. Groundwater flows beneath the Site in a generally southerly to southeasterly direction.

5.2 Soil Chemistry

A total of 41 soil samples were collected for laboratory analysis from soil borings RI-SB-01 through RI-SB-15. One sediment sample was collected from the floor drain on Lot 10 (RI-SB-DRAIN). The soil samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270E, and the NYSDEC list of 21 PFAS compounds by EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633. The sediment sample was analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, TAL metals by EPA Method 6000/7000 series, 1,4-dioxane by EPA Method 8270E, and PFAS compounds by EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633. The soil and sediment sample analytical results for VOCs, SVOCs, PCBs, pesticides, and metals, were compared to the 6 NYCRR Part 375 UUSCOs and RRSCOs. Concentrations of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were compared to the guidance values for UUSCOs and RRSCOs presented in NYSDEC's April 2023 *Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs*.

Soil sample analytical results are presented in Tables 2 through 7. Soil sample concentrations above UUSCOs, RRSCOs, and guidance values are shown on Figure 7. Soil laboratory analytical data reports are included in Appendix H.

5.2.1 Volatile Organic Compounds (VOCs) in Soil

One VOC, acetone, was detected in sample RI-SB-DRAIN_1-1.5_20220727 at a concentration of 0.15 mg/kg, above the UUSCO of 0.05 mg/kg, but below the RRSCO of 100 mg/kg. No other VOCs were detected above UUSCOs and RRSCOs. Tetrachloroethylene (PCE) was detected in 20 samples, below the UUSCO of 1.3 mg/kg, at concentrations up to 0.046 mg/kg (samples RI-SB-05_5-7_20220726 and RI-SB-08_5-7_20220728).

Methylene chloride was detected in two field blanks (FB_20220727 and RI-SB-S_20240919) and one trip blank (RI-TB-S_20240919) at estimated concentrations between 0.36 µg/L and 0.43 µg/L. Methylene chloride is a common laboratory contaminant, and the detection in the field and trip blanks is likely due to laboratory contamination and not an on-site source. Table F summarizes VOC exceedances above UUSCOs in soil samples.

Table F
VOC Concentrations in Soil Samples Above UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Acetone	RI-SB-DRAIN_1-1.5_20220727	0.05	100	0.15

Notes:
mg/kg: milligrams per kilogram
All concentrations shown exceed the UUSCOs.
Sample detections that exceed the RRSCOs are designated with †.

Soil analytical results for VOCs are presented in Table 2.

5.2.2 Semi-volatile Organic Compounds (SVOCs) in Soil

SVOCs were detected at low levels, with the highest concentrations detected in shallow samples collected from the upper 2 feet below grade.

Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above their respective UUSCOs in three samples. Six of the SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were additionally detected above the RRSCOs.

Table G summarizes SVOC exceedances above UUSCOs and RRSCOs in soil samples.

Table G
SVOC Concentrations in Soil Samples Above UUSCOs or UUSCOs/RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Benzo(a)Anthracene	RI-SB-09_0-2_20220726	1	1	**1.6**
	RI-SB-X_0-2_20240920			**4.5**
Benzo(a)Pyrene	RI-SB-09_0-2_20220726	1	1	**1.5 JL**
	RI-SB-X_0-2_20240920			**4.7**
Benzo(b)Fluoranthene	RI-SB-02_0-2_20220727	1	1	**1.1**
	RI-SB-09_0-2_20220726			**1.9 JL**
	RI-SB-X_0-2_20240920			**5.3**
Benzo(k)Fluoranthene	RI-SB-X_0-2_20240920	0.8	3.9	2
Chrysene	RI-SB-09_0-2_20220726	1	3.9	1.7
	RI-SB-X_0-2_20240920			**4.5**
Dibenz(a,h)Anthracene	RI-SB-X_0-2_20240920	0.33	0.33	**0.64 J**
Indeno(1,2,3-c,d)Pyrene	RI-SB-02_0-2_20220727	0.5	0.5	**0.52**
	RI-SB-09_0-2_20220726			**1.1 JL**
	RI-SB-X_0-2_20240920			**3**

Notes:
J: The concentration given is an estimated value.
L: Sample result is estimated and biased low.
mg/kg: milligrams per kilogram
All concentrations shown exceed the UUSCOs.
Sample detections that exceed the RRSCO are shown in **bold**.

Soil analytical results for SVOCs are presented in Table 3.

5.2.3 Target Analyte List (TAL) Metals in Soil

Seven metals (barium, cadmium, copper, lead, mercury, nickel, and zinc) were detected in up to 21 soil samples across the Site at concentrations ranging from an estimated concentration of 0.32 mg/kg to 1,310 mg/kg, above their respective UUSCOs. Barium, cadmium, lead, and mercury were detected in up to 14 samples at concentrations above the RRSCOs.

Table H summarizes metals exceedances above UUSCOs and RRSCOs in soil samples.

Table H
TAL Metals Concentrations in Soil Samples Above UUSCOs or UUSCOs/RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Barium	RI-SB-DRAIN_1-1.5_20220727	350	400	**436**
Cadmium	RI-SB-03_0-2_20220725	2.5	4.3	**4.9**
	RI-SB-DRAIN_1-1.5_20220727			**5.9**
Copper	RI-SB-01_7-9_20220727	50	270	136
	RI-SB-02_0-2_20220727			53.1
	RI-SB-02_2-4_20220727			58.1
	RI-SB-08_0-2_20220728			63
	RI-SB-08_5-7_20220728			50.8
	RI-SB-09_0-2_20220726			106
	RI-SB-10_0-2_20220725			52.9
	RI-SB-11_0-2_20220725			68
	RI-SB-12_0-2_20240920			55
	RI-SB-13_0-2_20240919			98.6
	RI-SB-13_11-13_20240919			97.3
	RI-SB-14_0-2_20240920			139
	RI-SB-DRAIN_1-1.5_20220727			201
	RI-SB-X_0-2_20240920			178
Lead	RI-SB-01_7-9_20220727	63	400	187
	RI-SB-02_0-2_20220727			172
	RI-SB-02_2-4_20220727			145
	RI-SB-03_0-2_20220725			**484**
	RI-SB-05_0-2_20220726			104
	RI-SB-05_5-7_20220726			138
	RI-SB-09_0-2_20220726			**853 J**
	RI-SB-09_3-5_20220726			**477**
	RI-SB-10_0-2_20220725			365
	RI-SB-11_0-2_20220725			**929**
	RI-SB-12_0-2_20240920			**433**
	RI-SB-14_0-2_20240920			248
	RI-SB-DRAIN_1-1.5_20220727			**814**
	RI-SB-X_0-2_20240920			324
Mercury	RI-SB-01_7-9_20220727	0.18	0.81	**1**
	RI-SB-02_0-2_20220727			**3.3**
	RI-SB-02_2-4_20220727			**2.7**
	RI-SB-03_0-2_20220725			0.32

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
	RI-SB-05_0-2_20220726			**3**
	RI-SB-05_5-7_20220726			0.48
	RI-SB-09_0-2_20220726			**2.4**
	RI-SB-09_3-5_20220726			0.43
	RI-SB-10_0-2_20220725			0.5
	RI-SB-11_0-2_20220725			**1.3**
	RI-SB-12_0-2_20240920			**1.3**
	RI-SB-13_11-13_20240919			**7**
	RI-SB-13_13-15_20240919			**10.3**
	RI-SB-14_0-2_20240920			**2.3**
	RI-SB-DRAIN_1-1.5_20220727			**1.1**
	RI-SB-X_0-2_20240920			**2.2**
Nickel	RI-SB-DRAIN_1-1.5_20220727	30	310	49.2
Zinc	RI-SB-03_0-2_20220725	109	10,000	1,310
	RI-SB-03_5-7_20220725			150
	RI-SB-09_0-2_20220726			209
	RI-SB-09_7-9_20220726			161
	RI-SB-10_0-2_20220725			215
	RI-SB-12_0-2_20240920			251
	RI-SB-14_0-2_20240920			271
	RI-SB-DRAIN_1-1.5_20220727			520
	RI-SB-X_0-2_20240920			254

Notes:
J: The concentration given is an estimated value.
mg/kg: milligrams per kilogram
All concentrations shown exceed the UUSCOs.
Sample detections that exceed the RRSCO are shown in **bold**.

Soil analytical results for TAL metals are presented in Table 4.

5.2.4 Polychlorinated Biphenyls (PCBs) in Soil

Total PCBs were not detected above laboratory reporting limits in any soil samples.

Soil analytical results for PCBs are presented in Table 5.

5.2.5 Pesticides in Soil

One pesticide, P,P'-DDE, was detected in sample RI-SB-07_0-2_20220725 at a concentration of 0.0092 mg/kg, above the UUSCO of 0.0033 mg/kg, but below the RRSCO of 8.9 mg/kg. Cis-Chlordane and 4,4'-DDT were detected in sample RI-SB-12_0-2_20240920 at an estimated concentration of 0.0036 mg/kg and 0.094 mg/kg, respectively, below the UUSCOs and RRSCOs. No other pesticides were detected above UUSCOs and RRSCOs.

Table G summarizes pesticide exceedances above UUSCOs in soil samples.

Table I
Pesticide Concentrations in Soil Samples Above UUSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
P,P'-DDE	RI-SB-07_0-2_20220725	0.0033	8.9	0.0092

Notes:
mg/kg: milligrams per kilogram
All concentrations shown exceed the UUSCOs.
Sample detections that exceed the RRSCOs are shown in **bold**.

Soil analytical results for pesticides are presented in Table 6.

5.2.6 Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane in Soil

PFOA was detected in sample RI-SB-DRAIN_1-1.5_20220727 at an estimated concentration of 1.55 ppb, above the NYSDEC UUSCO Guidance Value (UUGV) of 0.66 ppb, but below the NYSDEC RRSCO Guidance Value (RRGV) of 33 ppb. PFOS was detected at low levels up to an estimated concentration of 0.19 ppb, below the UUGV of 0.88 ppb. 1,4-Dioxane was not detected above laboratory reporting limits in any soil samples.

Table J summarizes PFAS exceedances above UUGVs in soil samples.

Table J
PFAS Concentrations in Soil Samples Above UUGVs

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Concentration (ppb)
PFOA	RI-SB-DRAIN_1-1.5_20220727	0.66	33	1.55 J

Notes:
ppb: parts per billion
All concentrations shown exceed the UUSCOs.
Sample detections that exceed the RRGV are shown in **bold**.

Soil analytical results for 1,4-dioxane are presented in Table 3. Soil analytical results for PFAS are presented in Table 7.

5.3 Groundwater Chemistry

Six groundwater samples were collected for laboratory analysis from groundwater monitoring wells RI-MW-01 and RI-MW-03 through RI-MW-07. Groundwater samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, 1,4-dioxane by EPA Method 8270E Selective Ion Monitoring (SIM), and the NYSDEC list of 21 PFAS by Modified EPA Method 537 (modified)/Standard list of 40 by EPA Method 1633. Groundwater sample analytical results for VOCs, SVOCs, PCBs, pesticides, and total/dissolved metals were conservatively compared to the NYSDEC Class GA AWQSGVs. PFAS concentrations were compared to the guidance values presented in the April 2023 *NYSDEC Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs*. These standards are drinking water standards, although groundwater in this portion of Queens is not used as a source of potable water.

Groundwater sample analytical results are presented in Tables 8 through 14. Groundwater sample concentrations above the AWQSGVs or NYSDEC screening levels are shown on Figure 8. Groundwater laboratory analytical data reports are included in Appendix H.

5.3.1 Volatile Organic Compounds (VOCs) in Groundwater

No VOCs were detected in the groundwater samples at concentrations above their respective AWQSGVs. Three VOCs (chloroform, PCE, and/or TCE) were detected in each of the six samples (plus the two blind duplicates) below AWQSGVs at concentrations ranging from 0.32 µg/L to 2 µg/L.

Methylene chloride was detected in one field blank (RI-FB-GW-01_20220817) at an estimated concentration of 0.73 µg/L. Methylene chloride is a common laboratory contaminant, and the detection in the field blank is likely due to laboratory contamination and not an on-site source.

Groundwater analytical results for VOCs are presented in Table 8.

5.3.2 Semi-volatile Organic Compounds (SVOCs) in Groundwater

1,4-Dioxane was detected in groundwater sample RI-MW-01_20220817 at a concentration of 0.36 µg/L, above the AWQSGV of 0.35 µg/L. 1,4-Dioxane was also detected in sample RI-MW-07_20241007 at a concentration of 0.25 µg/L, below the AWQSGV. No other SVOCs were detected above laboratory reporting limits in any of the groundwater samples.

Groundwater analytical results for SVOCs are presented in Table 9.

5.3.3 Metals in Groundwater

Total (Unfiltered) Metals

Up to three metals (iron, manganese, and/or sodium) were detected above their respective AWQSGVs in each of the six unfiltered groundwater samples (plus the two blind duplicates). Of the 23 metals analyzed for, 16 metals were detected at low levels below the AWQSGVs in the groundwater samples.

Table K summarizes total (unfiltered) metals exceedances above AWQSGVs in groundwater samples.

Table K
Total (Unfiltered) Metals Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Iron	RI-MW-03_20220817	300	1,140
	RI-MW-04_20220817		664
	RI-MW-05_20220817		1,040
	RI-MW-06_20241007		1,310
	RI-MW-07_20241007		1,160
	RI-MW-X_20220817		1,280
	RI-MW-X_20241007		1,220
Manganese	RI-MW-03_20220817	300	381
	RI-MW-06_20241007		323
	RI-MW-X_20220817		399
Sodium	RI-MW-01_20220817	20,000	123,000

	RI-MW-03_20220817		210,000
	RI-MW-04_20220817		146,000
	RI-MW-05_20220817		95,000
	RI-MW-06_20241007		156,000
	RI-MW-07_20241007		141,000
	RI-MW-X_20220817		211,000
	RI-MW-X_20241007		150,000
Notes: µg/L: micrograms per liter			

Groundwater analytical results for total (unfiltered) metals are presented in Table 10.

Dissolved (Filtered) Metals

Sodium was detected above the AWQSGVs in each of the six filtered groundwater samples (plus the two blind duplicates). Barium, calcium, copper, magnesium, manganese, mercury, nickel, potassium, selenium, and zinc were detected in the groundwater samples at low levels below the AWQSGVs.

Table L summarizes dissolved (filtered) metal exceedances above AWQSGVs in groundwater samples.

Table L
Dissolved (Filtered) Metals Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Sodium	RI-MW-01_20220817	20,000	130,000
	RI-MW-03_20220817		229,000
	RI-MW-04_20220817		157,000
	RI-MW-05_20220817		98,900
	RI-MW-X_20220817		228,000
	RI-MW-06_20241007		149,000
	RI-MW-07_20241007		143,000
	RI-MW-X_20241007		147,000
Notes: µg/L: micrograms per liter			

Groundwater analytical results for dissolved (filtered) metals are presented in Table 11.

5.3.4 Polychlorinated Biphenyls (PCBs) in Groundwater

Total PCBs were not detected above laboratory reporting limits in any of the groundwater samples.

Groundwater analytical results for PCBs are presented in Table 12.

5.3.5 Pesticides in Groundwater

Pesticides were not detected above laboratory reporting limits in any of the groundwater samples.

Groundwater analytical results for PCBs are presented in Table 13.

5.3.6 Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane in Groundwater

PFOA was detected above the NYSDEC guidance value of 6.7 parts per trillion (ppt) in each of the six groundwater samples (plus the blind duplicates) at concentrations up to 46.1 ppt. PFOS was also detected above the NYSDEC guidance value of 2.7 ppt in each of the six groundwater samples (plus the blind duplicates) at concentrations up to 33.7 ppt.

Table M summarizes the PFOA and PFOS exceedances above the NYSDEC screening levels in groundwater samples.

Table M
PFOA and PFOS Concentrations in Groundwater Samples Above the NYSDEC Screening Level

Analyte	Sample	NYSDEC Guidance Value (ppt)	Concentration (ppt)
PFOA	RI-MW-01_20201222	6.7	30.4
	RI-MW-03_20201222		31.3
	RI-MW-04_20201222		46.1
	RI-MW-05_20201222		25.2
	RI-MW-06_20241007		35.9
	RI-MW-07_20241007		37.3
	RI-MW-0X_20201222		30
	RI-MW-X_20241007		38.1
PFOS	RI-MW-01_20201222	2.7	20.6
	RI-MW-03_20201222		33.7
	RI-MW-04_20201222		27.2
	RI-MW-05_20201222		26.7
	RI-MW-06_20241007		19.6
	RI-MW-07_20241007		26.2
	RI-MW-0X_20201222		33.2
	RI-MW-X_20241007		22.8
Notes: ppt: parts per trillion			

Groundwater analytical results for PFAS compounds are presented in Table 14. Groundwater analytical results for 1,4-dioxane are presented in Table 9.

5.4 Soil Vapor Chemistry

5.4.1 Soil Vapor Analytical Results

Five sub-slab soil vapor samples (RI-SV-01 and RI-SV-03 through RI-SV-06) and eight soil vapor samples (RI-SV-02 and RI-SV-07 through RI-SV-13) were collected from the temporary soil vapor points shown on Figure 2. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

The soil vapor samples were analyzed for VOCs by EPA Method TO-15. Forty-four of the 73 VOCs analyzed for were detected in the soil vapor samples. Solvent-related VOCs

[including 1,1,1-trichloroethane (1,1,1-TCA), carbon tetrachloride, chlorodifluoromethane, chloromethane, dichlorodifluoromethane, methylene chloride, PCE, and TCE] were detected in the soil vapor samples at individual concentrations up to 530 µg/m^3 from a diluted analysis (PCE in sample RI-SV-03_20220728).

Other VOCs, including compounds typically associated with petroleum [such as 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 1,3-dichlorobenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, benzene, butane, cyclohexane, cymene, ethylbenzene, isopropanol, isopropylbenzene, methyl ethyl ketone (MEK), m,p-xylenes, n-butylbenzene, n-heptane, n-hexane, n-propylbenzene, o-xylene, and toluene] were detected in the soil vapor samples at individual concentrations up to330 µg/m^3 (total xylenes) in sample RI-SV-10_20240920).

PCE was detected in all thirteen soil vapor samples at concentrations ranging from an estimated 0.29 µg/m^3 in sample RI-SV-10_20240920 to 530 µg/m^3 from a diluted analysis in sample RI-SV-03_20220728. TCE, a breakdown product of PCE, was detected in eight of the thirteen soil vapor samples at concentrations ranging from 0.26 µg/m^3 in sample RI-SV-02_20220728 to 50 µg/m^3 from a diluted analysis in sample RI-SV-01_20220728.

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT (QHHEA)

The objective of the QHHEA is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The RI, as described in this RIR, is sufficient to complete a QHHEA. The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI was evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (c) 4 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

6.1 Contaminants of Concern (COCs) in Respective Media

Based on the results of previous subsurface investigations and this RI, the COCs include the following:

Soil

- The VOC acetone was detected at concentrations above the UUSCO, but below the RRSCO.
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene were detected at concentrations above the UUSCOs and RRSCOs.
- The metals barium, cadmium, lead, and mercury were detected above the UUSCOs and RRSCOs. The metals copper, nickel, and zinc were detected above the UUSCOs, but below the RRSCOs.
- The pesticides P,P'-DDE was detected above the UUSCO, but below the RRSCO.
- PFOA was detected at concentrations above the UUGV, but below the RRGV.

Groundwater

- The metals iron (total), manganese (total), and sodium (total and dissolved) were detected at concentrations above the AWQSGVs.
- PFOA and PFOS were detected at concentrations above the NYSDEC guidance values.

Soil Vapor

- Petroleum- and chlorinated solvent-related VOCs were detected in soil vapor.

6.2 Conceptual Model of Site Contamination

Based on an evaluation of the data and information in this RI, the Site is contaminated with: SVOCs, metals, pesticides, and PFOA in soil/fill; metals, PFOA, and PFOS in groundwater; and solvent- and petroleum-related VOCs in soil vapor.

The elevated concentrations of SVOCs, metals, pesticides, and PFOA in soil/fill are likely related to the presence of contaminated soil/fill material within the soil. The PFOA, and PFOS in groundwater are likely the result of regional groundwater conditions. The elevated concentrations of metals in groundwater may be related to regional conditions and/or sediment entrained in the groundwater samples. Solvent-related and petroleum-related VOCs were detected at varying

concentrations in the soil vapor samples collected from the Site. The detections may be related to the Site's historical manufacturing/industrial uses, as PCE and TCE were found in the soil at concentrations below their UUSCOs.

The elevated metal detections in the sediment sample collected from Lot 10 may be related to historic Site uses. Lot 10 was historically used as a cap and fuse factory in the late 1800s, and a battery service facility in 1925. In 1951, Lot 10 was occupied by a paper box manufacturer until approximately 1963 when a sink top manufacturer was identified through approximately 2006. The sediment sample was collected to investigate a potential source area, as PCE was reportedly used for vaporizing operations related to metals, predominantly on Lot 10.

6.3 Potential Routes of Exposure

The five elements of an exposure pathway are:

1. The source of contamination;
2. The environmental media and transport mechanisms;
3. The point of exposure;
4. The route of exposure; and
5. The receptor population.

These elements of an exposure pathway may be based on past, present, or future events. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

6.4 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Dermal contact with water, fill, soil, and/or building materials; and
- Inhalation of vapors and/or particulates.

6.5 Potential Receptors

The Site is currently occupied by the Site owner on Lot 1 and utilized for office space, storage of construction materials, warehousing, and parking; a private contractor on Lot 10 and utilized for garage space, workshop space, storage, and parking; and a private contractor uses Lot 13 for office space and storage. The area immediately surrounding the Site is predominantly industrial, commercial, and residential in nature. The anticipated future use of the Site will include commercial, residential, and both market-rate and affordable residential units.

On-site Receptors: Current on-site receptors include the Site owner and on-site tenants.

During redevelopment of the Site, the on-site potential sensitive receptors will include construction workers and inspectors. Once the Site is redeveloped, the on-site potential sensitive receptors will include residents, employees, community members, and vendors.

Off-site Receptors: Potential off-site receptors within a 0.25-mile radius of the Site include adult and child residents, commercial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/Renovation – existing and future
4. Pedestrians, Cyclists – existing and future
5. Day Care Facilities – existing and future
6. Schools – existing and future

6.6 Potential for Off-Site Vapor Intrusion

Based on the RI soil vapor concentrations, it is not anticipated that the chlorinated VOC contamination is migrating off-site.

6.7 Existence of Human Health Exposure Pathways

This evaluation consists of the following components: contaminant source; contaminant release and transport mechanism; point of exposure; route of exposure; and receptor population.

The Site is currently capped with a concrete building slab and asphalt-paved parking lot, which were noted to be in good to fair condition with minor surficial cracking. Any potential for inhalation of contaminants via soil vapor intrusion is addressed by the on-site SSDS. Additionally, groundwater is not used for drinking or other potable purposes in this part of Queens, and the Site is served by a public water supply that is not affected by Site contamination.

Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil and fill to construction workers, as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated soil and fill; however, this will be mitigated with proper implementation of a Community Air Monitoring Plan (CAMP) that will prevent migration of particulates and VOCs, and a HASP that will dictate safe practices including the wearing of personal protective equipment.

6.8 Overall Human Health Exposure Assessment

The entirety of the Site is capped with a concrete building slab and asphalt-paved parking lot, which were noted to be in good to fair condition with minor surficial cracking. Any potential for inhalation of contaminants via soil vapor intrusion is addressed by the on-site SSDS. Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers, as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated fill or soil; however, this will be mitigated with proper implementation of a CAMP that will prevent migration of particulates and VOCs, and a HASP that will dictate safe practices including the wearing of personal protective equipment.

Based on the results of the QHHEA, a NYSDEC-approved Remedial Action Work Plan (RAWP), which includes a HASP to protect on-site workers, should be implemented during remedial action and construction of the proposed Site buildings to ensure that the potential exposure pathways identified do not become complete. The HASP will include a CAMP compliant with Appendices 1A and 1B of DER-10. The RAWP should address the contaminated soil/fill at the Site and the installation/implementation of certain engineering and/or institutional controls (ECs and/or ICs, respectively).

7.0 CONCLUSIONS

This RIR summarizes the investigation work performed between July and August 2022, and September and October 2024. The goal of the RI was to further define and characterize the nature and extent of Site contamination and to assist with determining the appropriate remedial action. The RI was conducted in general accordance with AKRF's April 2022 RIWP, which included a HASP and a QAPP, and AKRF's June 2024 Supplemental Remedial Investigation (SRI) Work Plan (SRIWP).

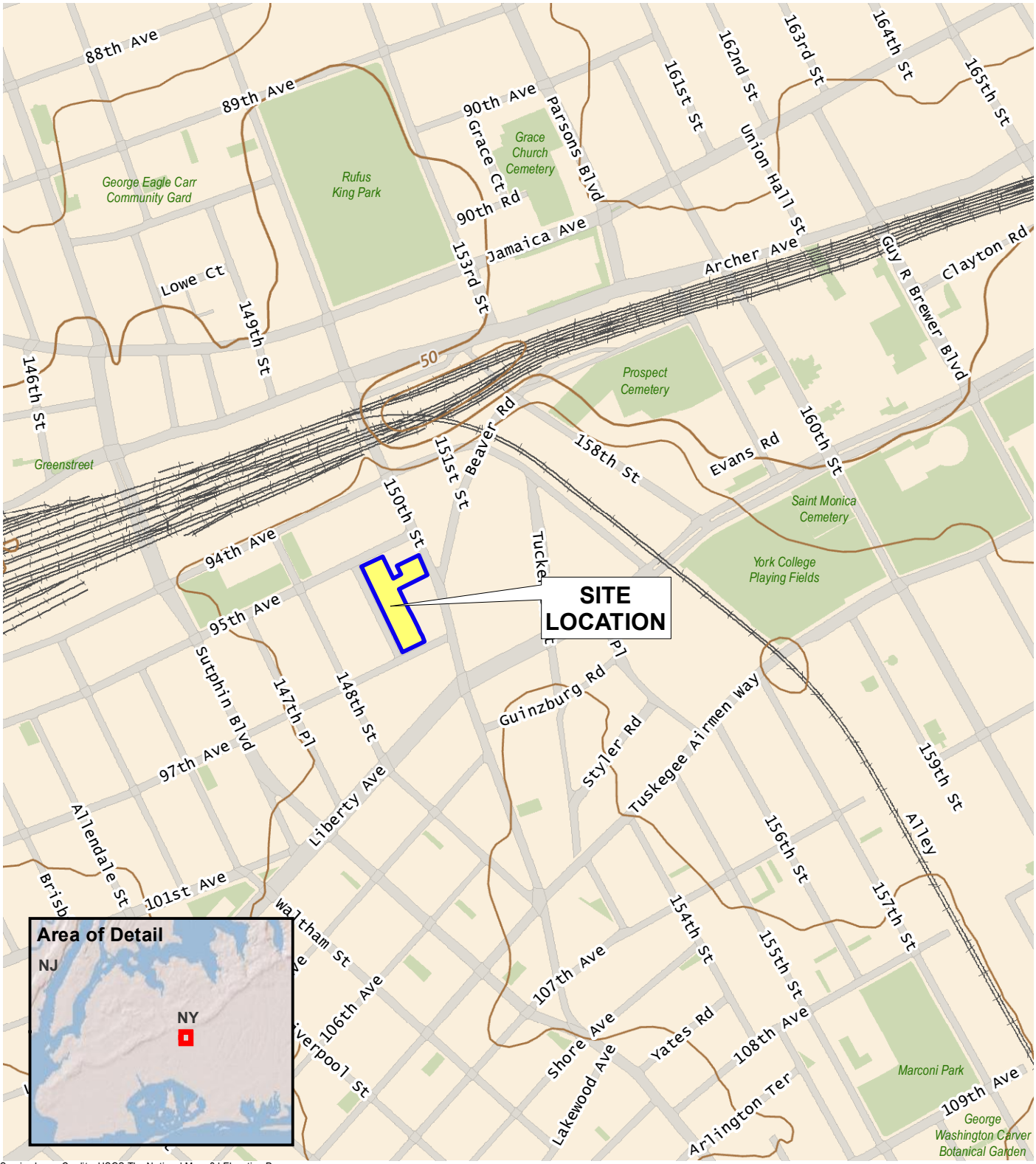
Based on the RI results, the nature and extent of contaminated soil, groundwater, and vapor present at the Site has been defined. The COCs at the Site include: VOCs, SVOCs, metals, pesticides, and PFOA in soil/fill above the UUSCOs and/or RRSCOs; metals, PFOA, and PFOS in groundwater above the AWQSGVs or NYSDEC screening levels; and chlorinated solvent- and petroleum-related VOCs in soil vapor.

This RI documented a layer of contaminated uncontrolled fill Site-wide from surface grade down to approximately 5 to 13 feet bgs. The fill/soil contained elevated concentrations of VOCs, SVOCs, metals, pesticides, and PFAS. VOCs and pesticides were detected above UUSCOs, but below RRSCOs. SVOC concentrations above UUSCOs and RRSCOs were detected in shallow soil at the Site. Detected concentrations of SVOCs in soil are likely related to the presence of contaminated soil/fill material. Total metals were detected primarily in shallow samples throughout the Site, but were detected in deeper samples as well. The highest total concentrations of metals were detected in the shallow soil sample collected from the drain on Lot 10. PFAS was detected across the Site at variable concentrations down to approximately 8 feet bgs.

Total iron and manganese were detected above the AWQSGV in the groundwater samples, but were not detected at elevated concentrations in the dissolved sample. Because iron and manganese were also detected in soil samples collected throughout the Site, these detections are likely the result of sediment entrained in the samples. Sodium was detected in both the total and dissolved samples; the elevated concentrations are most likely related to regional groundwater conditions as opposed to an on-site release, because sodium is a common constituent in native soil in the region. PFOS and PFOA were detected in groundwater above the NYSDEC guidance values in the groundwater samples. The presences of PFAS in groundwater is likely the result of regional groundwater conditions.

Petroleum and chlorinated-solvent related VOCs were detected at elevated concentrations in all soil vapor samples collected. The elevated concentrations of chlorinated solvents in soil vapor are believed to be related to the Site's historical manufacturing usage. The RI data suggests that contamination is not migrating off-site to sensitive receptors. Adjacent and commercial uses are located surrounding the Site; however, the entire Site is bounded by 149th Street, 95th Avenue, 150th Street, and 97th Avenue, which act as buffers to buildings located across those streets.

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

0 600 1,200

SCALE IN FEET

N

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Jamaica Works
95-25 149th Street
Queens, New York

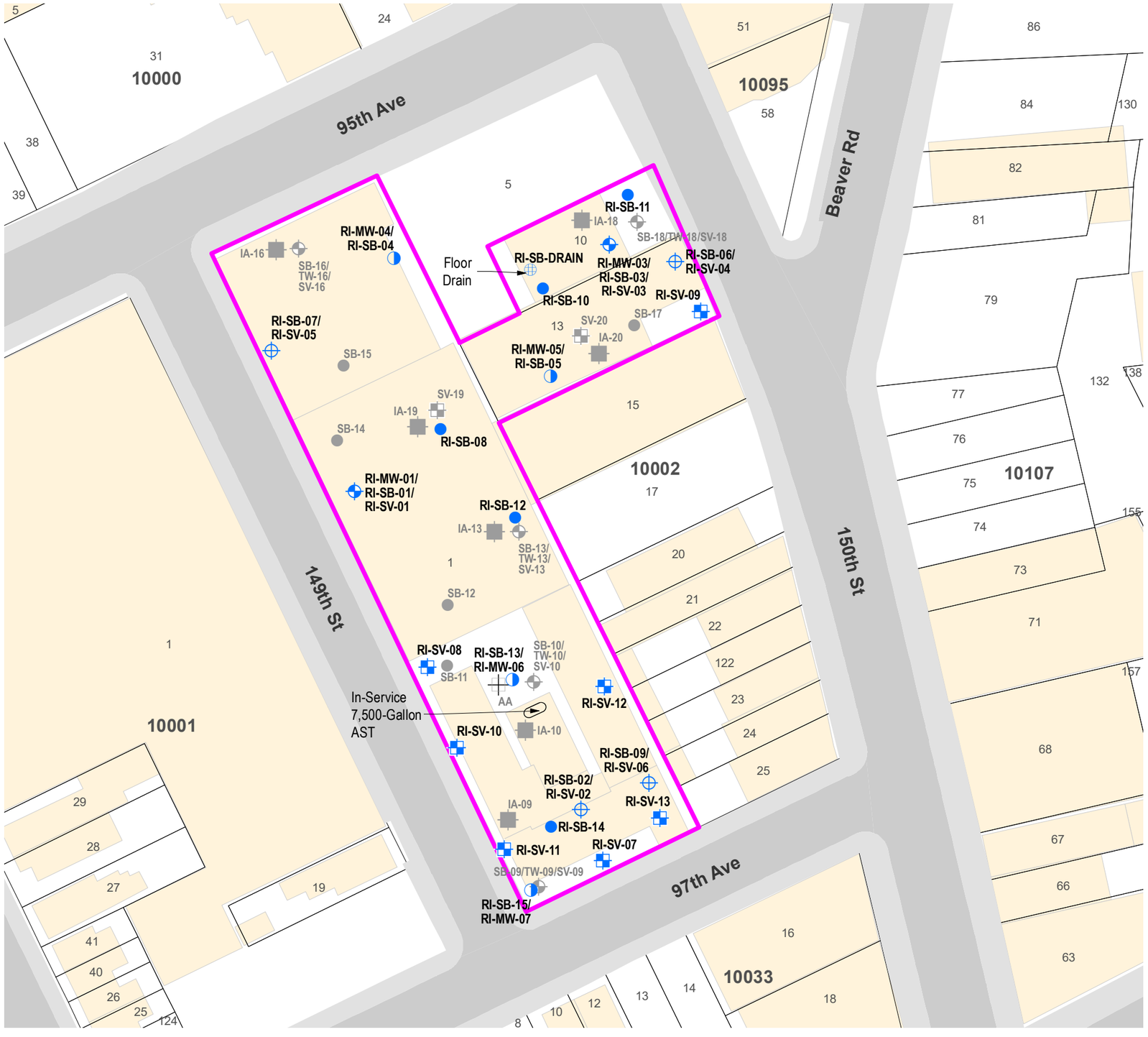
SITE LOCATION

DATE
12/16/2024

PROJECT NO.
200278

FIGURE
1

©2024 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\200278 Fig 1 Site loc map.mxd 12/16/2024 11:48:11 AM jszalus



LEGEND

- PROJECT SITE BOUNDARY
- 1 LOT BOUNDARY AND TAX LOT NUMBER
- 10002 BLOCK NUMBER
- BUILDING
- RI SOIL BORING
- RI SEDIMENT SAMPLE
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- SOIL BORING (PHASE II, NOVEMBER 2020)
- SOIL BORING/TEMPORARY WELL/SOIL VAPOR POINT (PHASE II, NOVEMBER 2020)
- SUPPLEMENTAL SOIL VAPOR POINT (PHASE II, NOVEMBER 2020)
- INDOOR AIR SAMPLE LOCATION (PHASE II, NOVEMBER 2020)
- AMBIENT AIR SAMPLE LOCATION (PHASE II, NOVEMBER 2020)
- ABOVEGROUND STORAGE TANK (AST)

0 30 60 120

SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

© 2024 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\BCP RIR\200278 Fig 2 BCP Site and Sample Location Plan.mxd 12/16/2024 11:44:12 AM iszalus

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BCP SITE AND SAMPLE LOCATION PLAN

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Queens, New York

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12/16/2024

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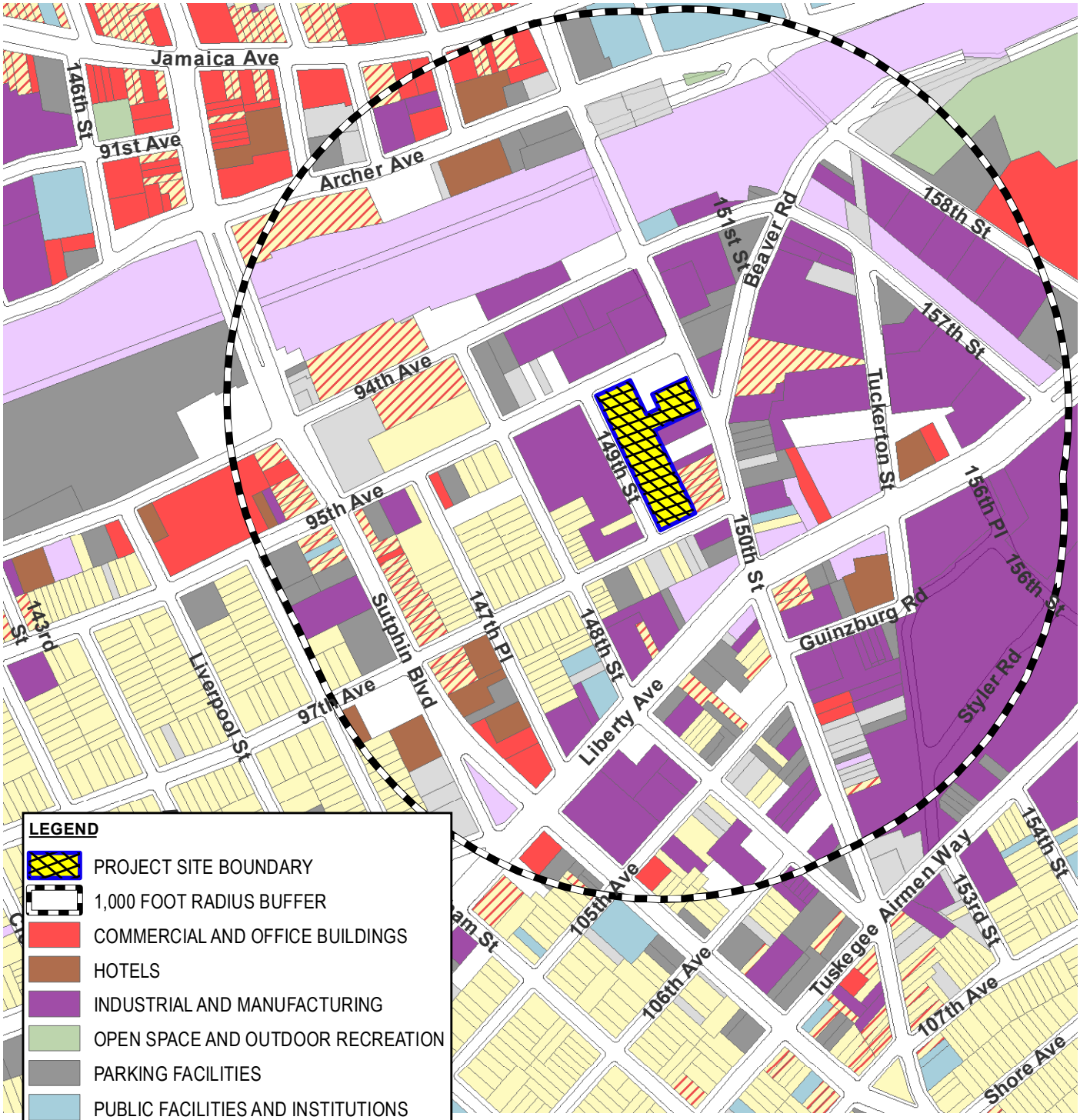
FIGURE
2



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

N

0 400 800

SCALE IN FEET

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SURROUNDING LAND USE

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FIGURE
3

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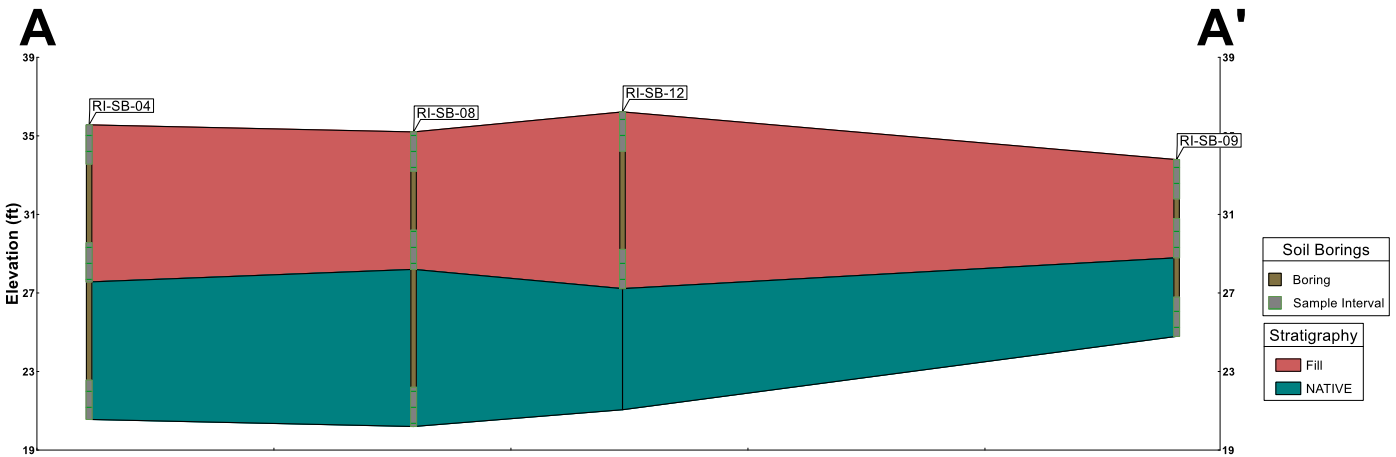

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Northwest-Southeast Lithology Cross Section

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Figure
4

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Northeast-Southwest Lithology Cross Section

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12/15/2024

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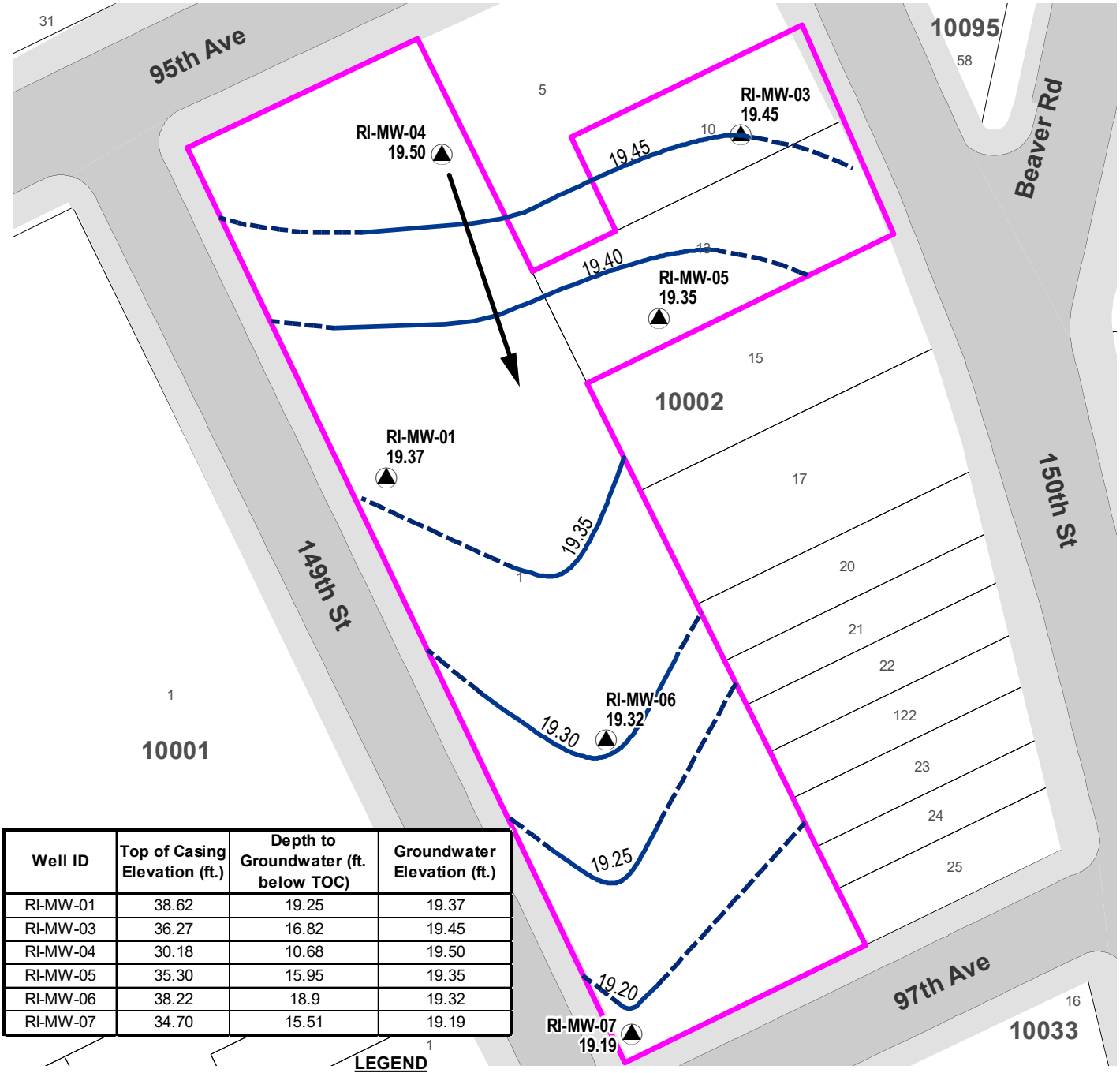
Figure
5



Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
RI-MW-01	38.62	19.25	19.37
RI-MW-03	36.27	16.82	19.45
RI-MW-04	30.18	10.68	19.50
RI-MW-05	35.30	15.95	19.35
RI-MW-06	38.22	18.9	19.32
RI-MW-07	34.70	15.51	19.19

LEGEND

- PROJECT SITE BOUNDARY
- 7 LOT BOUNDARY AND TAX LOT
- 3376 BLOCK NUMBER
- MONITORING WELL ID WITH ELEVATION IN FEET
- 19.40 MONITORING WELL WATER TABLE ELEVATION IN FEET (NAVD 88)
- INFERRED WATER TABLE ELEVATION
- GROUNDWATER FLOW DIRECTION

N

0 60 120

SCALE IN FEET

Datum: North American Vertical Datum of 1988
Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

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GROUNDWATER ELEVATION CONTOURS
OCTOBER 2024

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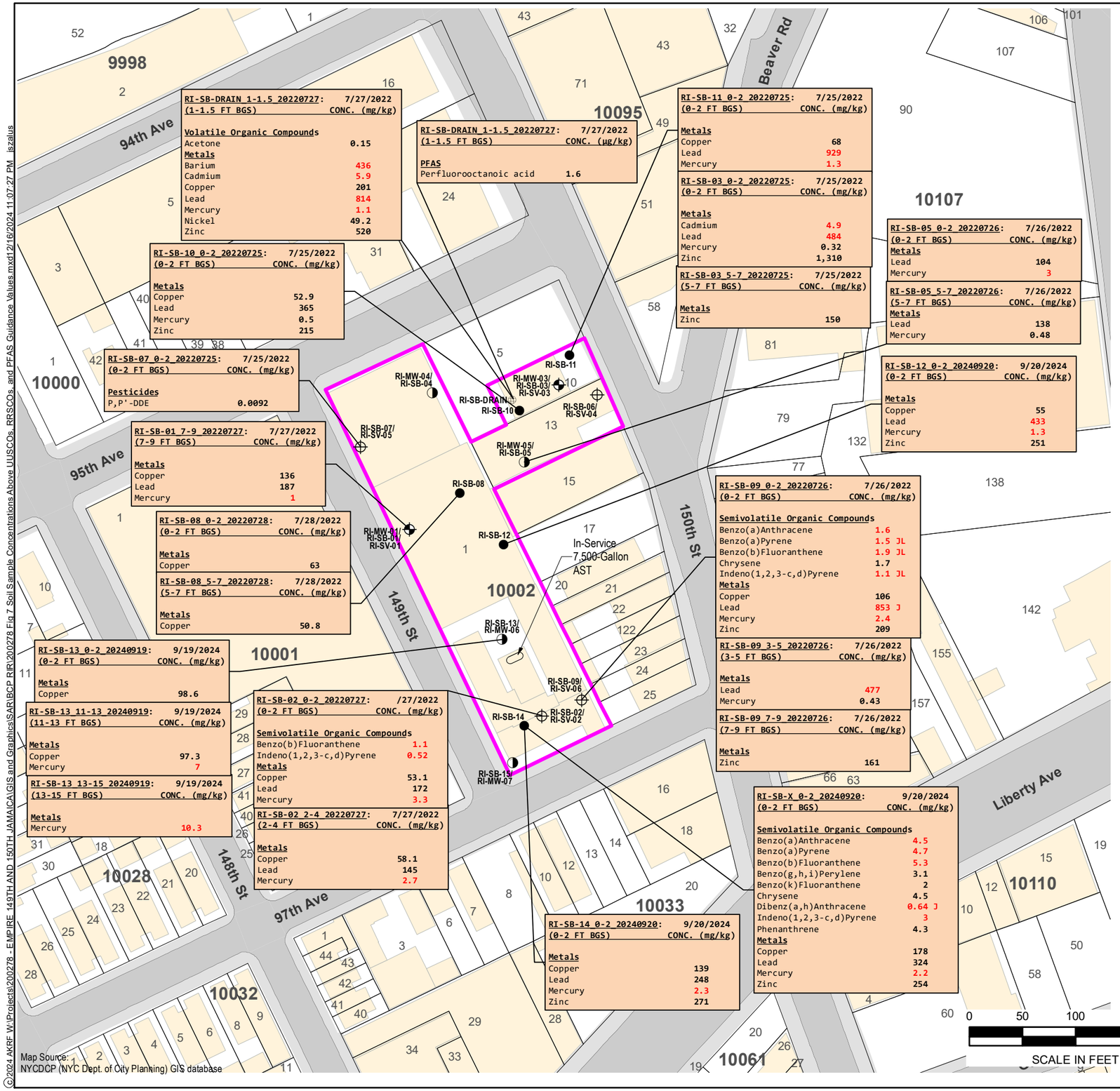
FIGURE: 6

©2024 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\BCP RIR\200278 Fig 6 Groundwater Contour Map October 2024.mxd 12/19/2024 1:36:02 PM jszalus



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

©2024 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\BCP RIR\200278 Fig 7 Soil Sample Concentrations Above UUSCOs, RRSCOs, and PFAS Guidance Values.mxd 12/16/2024 11:07:27 PM iszalus

LEGEND

- PROJECT SITE BOUNDARY
- 1 LOT BOUNDARY AND TAX LOT NUMBER
- 10002 BLOCK NUMBER
- BUILDING
- ABOVEGROUND STORAGE TANK (AST)
- RI SOIL BORING
- RI SEDIMENT SAMPLE
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- RI SOIL BORING/SOIL VAPOR POINT

N

Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Unrestricted Use Guidance Values (UUGVs) are presented in bold font.

Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) and Restricted Residential Use Guidance (RRGVs) are presented in red

mg/kg:milligrams per kilogram = parts per million (ppm)
µg/kg :micrograms per kilogram = parts per billion (ppb)

RI-SB-X_13-15_20220726 is a blind duplicate of sample RI-SB-04_13-15_20220726
RI-SB-X_4-6_20220727 is a blind duplicate of sample RI-SB-06_4-6_20220727
RI-SB-X_0-2_20240920 is a blind duplicate of sample RI-SB-14_0-2_20240920

J: Sample result is estimated.
L: Sample result is estimated and biased low.

	PART 375 RRSCOS	PART 375 UUSCOs
	mg/kg	mg/kg
Semivolatile Organic Compounds		
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(g,h,i)Perylene	100	100
Benzo(k)Fluoranthene	3.9	0.8
Chrysene	3.9	1
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
Phenanthrene	100	100
Metals		
Cadmium	4.3	2.5
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Zinc	10,000	109
Pesticides		
P,P'-DDE	8.9	0.0033

	PFAS GUIDANCE VALUES Restricted Residential Use	PFAS GUIDANCE VALUES Unrestricted Use
	µg/kg	µg/kg
PFAS		
Perfluorooctanesulfonic acid	44	0.88
Perfluorooctanoic acid	33	0.66

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Soil Sample Concentrations Above UUSCOs, RRSCOs, and PFAS Guidance Values

DATE
12/16/2024

PROJECT NO.
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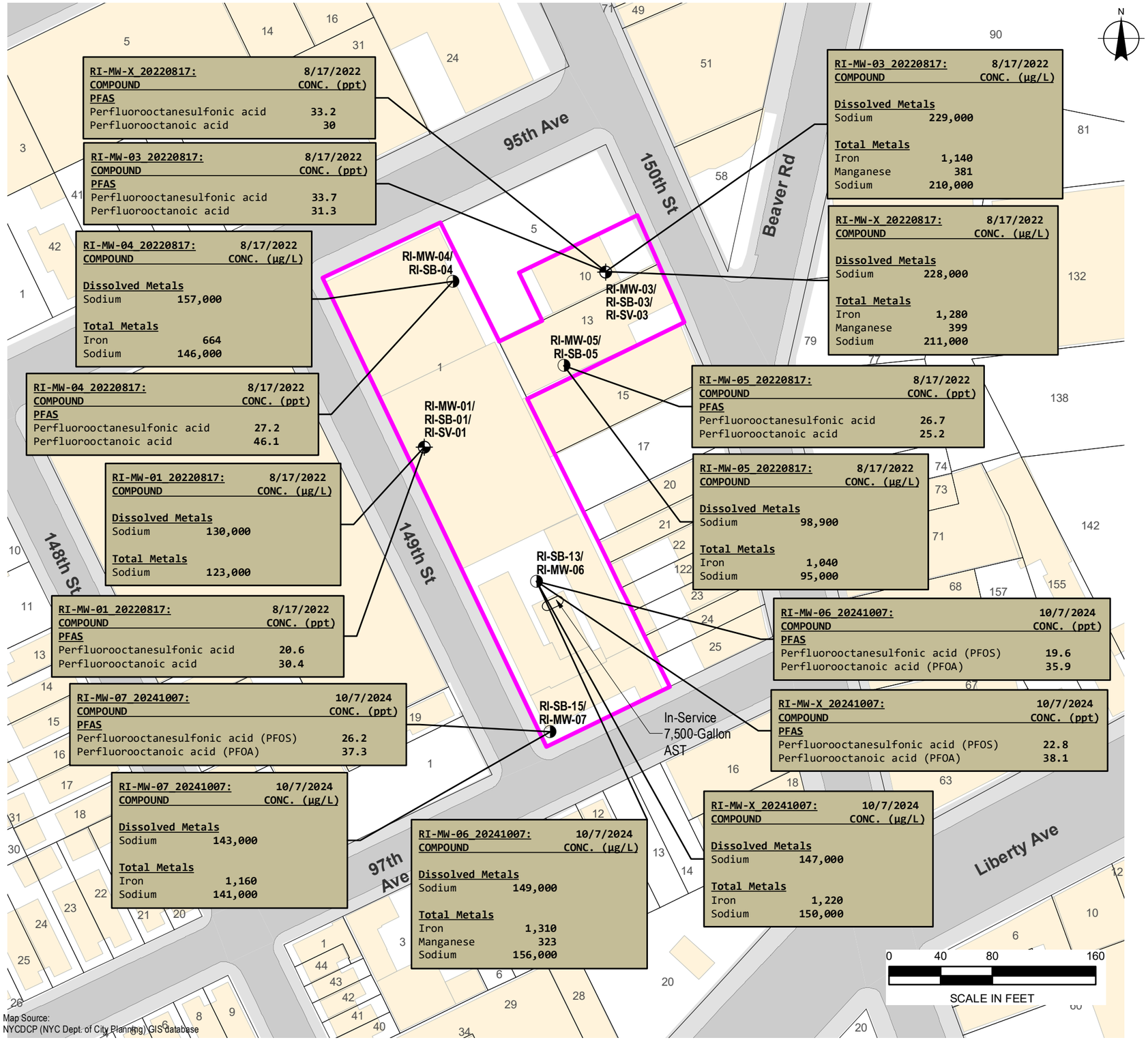
FIGURE
7



LEGEND

- PROJECT SITE BOUNDARY
- 1 — LOT BOUNDARY AND TAX LOT NUMBER
- 10002 — BLOCK NUMBER
- BUILDING
- ABOVEGROUND STORAGE TANK (AST)
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT

NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs) and/or Screening Levels:
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

µg/L : micrograms per Liter = parts per billion (ppb)
ng/L : nanograms per Liter = parts per trillion (ppt)

Exceedances of NYSDEC AWQSGVs and Exceedances of NYSDEC Screening Values are shown in bold font.

PFOA: Perfluorooctanoic acid
PFOS: Perfluorooctanesulfonic acid
PFAS: Per- and polyfluoroalkyl substances

RI-MW-X_20220817 is a blind duplicate of sample RI-MW-03_20220817
RI-MW-X_20241007 is a blind duplicate of sample RI-MW-06_20241007

PFAS Screening Levels Groundwater ng/L

Emerging Contaminants	
Perfluorooctanesulfonic acid	10
Perfluorooctanoic acid	10

NYSDEC AWQSGVs ug/l

Metals	
Iron	300
Manganese	300
Sodium	20,000

Sample ID — Sample Date

RI-MW-05_20220817: 8/17/2022
COMPOUND CONC. (ppt)
PFAS
Perfluorooctanesulfonic acid 26.7
Perfluorooctanoic acid 25.2

Analyte/Compound — Concentration

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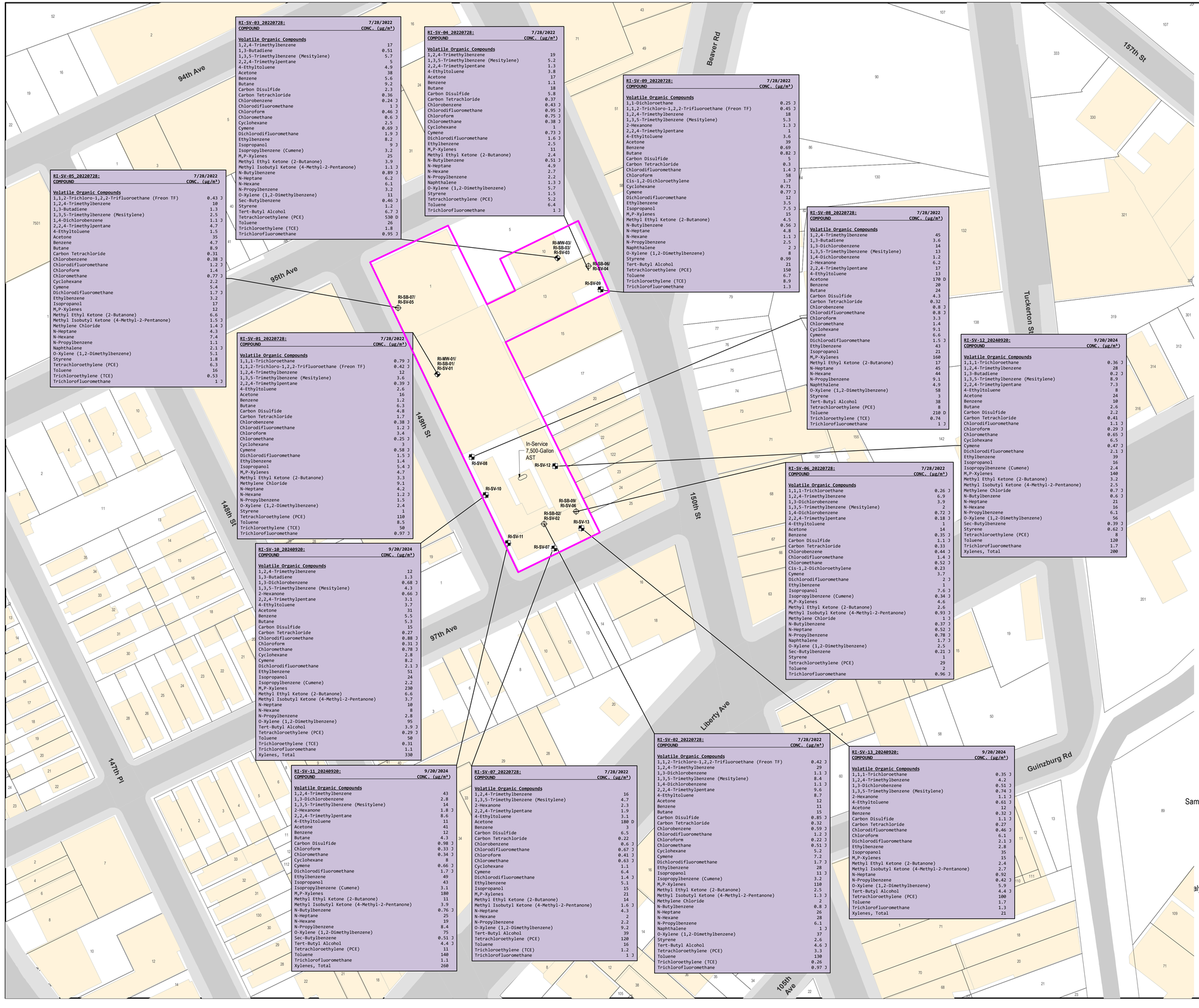
Groundwater Sample Concentrations Above AWQSGVs and PFAS Guidance Values

DATE 12/16/2024
PROJECT NO. 200278
FIGURE 8

©2024 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\BCP RR\200278 Fig 8 Groundwater Sample Concentrations Above AWQSGVs and PFAS Guidance Values.mxd 12/16/2024 11:10:55 PM iszalus



RI-SV-03 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	17
1,3-Butadiene	0.51
1,3,5-Trimethylbenzene (Mesitylene)	5.7
2,2,4-Trimethylpentane	5
4-Ethyltoluene	4.9
Acetone	38
Benzene	5.6
Butane	9.2
Carbon Disulfide	2.3
Carbon Tetrachloride	0.36
Chlorobenzene	0.24 J
Chlorodifluoromethane	1 J
Chloroform	0.46 J
Chloromethane	0.6 J
Cyclohexane	2.5
Cymene	0.69 J
Dichlorodifluoromethane	1.9 J
Ethylbenzene	8.2
Isopropanol	9 J
Isopropylbenzene (Cumene)	3.2
M,P-Xylenes	25
Methyl Ethyl Ketone (2-Butanone)	3.9
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.1 J
N-Butylbenzene	0.89 J
N-Heptane	6.2
N-Hexane	6.1
N-Propylbenzene	3.2
O-Xylene (1,2-Dimethylbenzene)	11
Sec-Butylbenzene	0.46 J
Styrene	1.2
Tert-Butyl Alcohol	6.7 J
Tetrachloroethylene (PCE)	530 D
Toluene	26
Trichloroethylene (TCE)	1.8
Trichlorofluoromethane	0.95 J

RI-SV-04 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	19
1,3,5-Trimethylbenzene (Mesitylene)	5.2
2,2,4-Trimethylpentane	1.3
4-Ethyltoluene	3.8
Acetone	17
Benzene	1.1
Butane	18
Carbon Disulfide	5.8
Carbon Tetrachloride	0.37
Chlorobenzene	0.43 J
Chlorodifluoromethane	0.95 J
Chloroform	0.75 J
Chloromethane	0.38 J
Cyclohexane	1
Cymene	0.73 J
Dichlorodifluoromethane	1.6 J
Ethylbenzene	2.5
M,P-Xylenes	11
Methyl Ethyl Ketone (2-Butanone)	2.4
N-Butylbenzene	0.51 J
N-Heptane	4.9
N-Hexane	2.7
N-Propylbenzene	2.2
Naphthalene	1.3 J
O-Xylene (1,2-Dimethylbenzene)	5.7
Styrene	1.5
Tetrachloroethylene (PCE)	5.2
Toluene	6.4
Trichlorofluoromethane	1 J

RI-SV-05 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.43 J
1,2,4-Trimethylbenzene	10
1,3-Butadiene	1.3
1,3,5-Trimethylbenzene (Mesitylene)	2.5
1,4-Dichlorobenzene	1.1 J
2,2,4-Trimethylpentane	4.7
4-Ethyltoluene	1.5
Acetone	35
Benzene	4.7
Butane	8.9
Carbon Tetrachloride	0.31
Chlorobenzene	0.38 J
Chlorodifluoromethane	1.2 J
Chloroform	1.4
Chloromethane	0.77 J
Cyclohexane	2.2
Cymene	5.4
Dichlorodifluoromethane	1.7 J
Ethylbenzene	3.2
Isopropanol	17
M,P-Xylenes	12
Methyl Ethyl Ketone (2-Butanone)	6.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.5 J
Methylene Chloride	1.4 J
N-Heptane	4.3
N-Hexane	7.4
N-Propylbenzene	1.1
Naphthalene	2.1 J
O-Xylene (1,2-Dimethylbenzene)	5.1
Styrene	1.8
Tetrachloroethylene (PCE)	6.3
Toluene	16
Trichloroethylene (TCE)	0.53
Trichlorofluoromethane	1 J

RI-SV-09 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1-Dichloroethane	0.25 J
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.45 J
1,2,4-Trimethylbenzene	18
1,3,5-Trimethylbenzene (Mesitylene)	5.3
2-Hexanone	1.3 J
2,2,4-Trimethylpentane	1
4-Ethyltoluene	3.6
Acetone	39
Benzene	0.69
Butane	0.82 J
Carbon Disulfide	5
Carbon Tetrachloride	0.3
Chlorodifluoromethane	1.4 J
Chloroform	58
Cis-1,2-Dichloroethylene	1.7
Cyclohexane	0.71
Cymene	0.77 J
Dichlorodifluoromethane	12
Ethylbenzene	3.5
Isopropanol	7.5 J
M,P-Xylenes	15
Methyl Ethyl Ketone (2-Butanone)	4.5
N-Butylbenzene	0.56 J
N-Heptane	4.8
N-Hexane	1.1 J
N-Propylbenzene	2.5
Naphthalene	2 J
O-Xylene (1,2-Dimethylbenzene)	8
Styrene	0.99
Tert-Butyl Alcohol	21
Tetrachloroethylene (PCE)	150
Toluene	6.7
Trichloroethylene (TCE)	8.9
Trichlorofluoromethane	1.3

RI-SV-08 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	45
1,3-Butadiene	3.6
1,3-Dichlorobenzene	14
1,3,5-Trimethylbenzene (Mesitylene)	13
1,4-Dichlorobenzene	1.2
2-Hexanone	6.2
2,2,4-Trimethylpentane	17
4-Ethyltoluene	13
Acetone	170 D
Benzene	20
Butane	24
Carbon Disulfide	4.3
Carbon Tetrachloride	0.32
Chlorobenzene	0.8 J
Chlorodifluoromethane	0.8 J
Chloroform	3.3
Chloromethane	1.4
Cyclohexane	9.1
Cymene	6.6
Dichlorodifluoromethane	1.5 J
Ethylbenzene	43
Isopropanol	21
M,P-Xylenes	160
Methyl Ethyl Ketone (2-Butanone)	17
N-Heptane	45
N-Hexane	44
N-Propylbenzene	9.1
Naphthalene	4.9
O-Xylene (1,2-Dimethylbenzene)	58
Styrene	3
Tert-Butyl Alcohol	38
Tetrachloroethylene (PCE)	8
Toluene	210 D
Trichloroethylene (TCE)	0.74
Trichlorofluoromethane	1 J

RI-SV-12 20240920: 9/20/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	0.36 J
1,2,4-Trimethylbenzene	28
1,3-Butadiene	0.2 J
1,3,5-Trimethylbenzene (Mesitylene)	8.9
2,2,4-Trimethylpentane	7.3
4-Ethyltoluene	8
Acetone	24
Benzene	10
Butane	2.6
Carbon Disulfide	2.2
Carbon Tetrachloride	0.41
Chlorodifluoromethane	1.1 J
Chloroform	0.29 J
Chloromethane	0.65 J
Cyclohexane	6.5
Cymene	0.47 J
Dichlorodifluoromethane	2.1 J
Ethylbenzene	39
Isopropanol	16
Isopropylbenzene (Cumene)	2.4
M,P-Xylenes	140
Methyl Ethyl Ketone (2-Butanone)	3.2
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.5
Methylene Chloride	0.7 J
N-Butylbenzene	0.6 J
N-Heptane	21
N-Hexane	16
N-Propylbenzene	6.1
O-Xylene (1,2-Dimethylbenzene)	56
Sec-Butylbenzene	0.39 J
Styrene	0.62 J
Tetrachloroethylene (PCE)	8
Toluene	120
Trichlorofluoromethane	1.7
Xylenes, Total	200

RI-SV-06 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	0.26 J
1,2,4-Trimethylbenzene	6.9
1,3-Dichlorobenzene	3.9
1,3,5-Trimethylbenzene (Mesitylene)	2
1,4-Dichlorobenzene	0.72 J
2,2,4-Trimethylpentane	0.18 J
4-Ethyltoluene	1
Acetone	14
Benzene	0.35 J
Carbon Disulfide	1.1 J
Carbon Tetrachloride	0.33
Chlorobenzene	0.44 J
Chlorodifluoromethane	1.4 J
Chloromethane	0.52 J
Cis-1,2-Dichloroethylene	0.23
Cymene	3.7
Dichlorodifluoromethane	2 J
Ethylbenzene	1
Isopropanol	7.6 J
Isopropylbenzene (Cumene)	0.34 J
M,P-Xylenes	4.6
Methyl Ethyl Ketone (2-Butanone)	2.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.93 J
Methylene Chloride	1 J
N-Butylbenzene	0.37 J
N-Heptane	0.52 J
N-Propylbenzene	0.78 J
Naphthalene	1.7 J
O-Xylene (1,2-Dimethylbenzene)	2.5
Sec-Butylbenzene	0.21 J
Styrene	1
Tetrachloroethylene (PCE)	29
Toluene	2
Trichlorofluoromethane	0.96 J

RI-SV-01 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	0.79 J
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.42 J
1,2,4-Trimethylbenzene	12
1,3,5-Trimethylbenzene (Mesitylene)	3.6
2,2,4-Trimethylpentane	0.39 J
4-Ethyltoluene	2.6
Acetone	16
Benzene	1.2
Butane	6.3
Carbon Disulfide	4.8
Carbon Tetrachloride	1.7
Chlorobenzene	0.38 J
Chlorodifluoromethane	1.2 J
Chloroform	3.4
Chloromethane	0.25 J
Cyclohexane	3
Cymene	0.58 J
Dichlorodifluoromethane	1.5 J
Ethylbenzene	1.4
Isopropanol	5.4 J
M,P-Xylenes	4.7
Methyl Ethyl Ketone (2-Butanone)	3.3
Methylene Chloride	9.1
N-Heptane	4.2
N-Hexane	1.2 J
N-Propylbenzene	1.5
O-Xylene (1,2-Dimethylbenzene)	2.4
Styrene	1
Tetrachloroethylene (PCE)	110
Toluene	8.5
Trichloroethylene (TCE)	50
Trichlorofluoromethane	0.97 J

RI-SV-10 20240920: 9/20/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	12
1,3-Butadiene	1.3
1,3-Dichlorobenzene	0.68 J
1,3,5-Trimethylbenzene (Mesitylene)	4.3
2-Hexanone	0.66 J
2,2,4-Trimethylpentane	3.1
4-Ethyltoluene	3.7
Acetone	31
Benzene	5.5
Butane	5.3
Carbon Disulfide	15
Carbon Tetrachloride	0.27
Chlorodifluoromethane	0.88 J
Chloroform	0.31 J
Chloromethane	0.78 J
Cyclohexane	2.8
Cymene	8.2
Dichlorodifluoromethane	2.1 J
Ethylbenzene	51
Isopropanol	24
Isopropylbenzene (Cumene)	2.2
M,P-Xylenes	230
Methyl Ethyl Ketone (2-Butanone)	6.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.7
N-Heptane	10
N-Hexane	8
N-Propylbenzene	2.8
O-Xylene (1,2-Dimethylbenzene)	95
Tert-Butyl Alcohol	3.9 J
Tetrachloroethylene (PCE)	0.29 J
Toluene	50
Trichloroethylene (TCE)	0.31
Trichlorofluoromethane	1.1
Xylenes, Total	330

RI-SV-11 20240920: 9/20/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	43
1,3-Dichlorobenzene	2.8
1,3,5-Trimethylbenzene (Mesitylene)	14
2-Hexanone	1.8 J
2,2,4-Trimethylpentane	8.6
4-Ethyltoluene	11
Acetone	41
Benzene	12
Butane	4.3
Carbon Disulfide	0.98 J
Chloroform	0.33 J
Chloromethane	0.34 J
Cyclohexane	8
Cymene	0.66 J
Dichlorodifluoromethane	1.7 J
Ethylbenzene	49
Isopropanol	43
Isopropylbenzene (Cumene)	3.1
M,P-Xylenes	180
Methyl Ethyl Ketone (2-Butanone)	11
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.9
N-Butylbenzene	0.76 J
N-Heptane	25
N-Hexane	19
N-Propylbenzene	8.4
O-Xylene (1,2-Dimethylbenzene)	75
Sec-Butylbenzene	0.51 J
Tert-Butyl Alcohol	4.4 J
Tetrachloroethylene (PCE)	11
Toluene	140
Trichlorofluoromethane	1.1
Xylenes, Total	260

RI-SV-07 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	16
1,3,5-Trimethylbenzene (Mesitylene)	4.7
2-Hexanone	2.3
2,2,4-Trimethylpentane	1.9
4-Ethyltoluene	3.1
Acetone	180 D
Benzene	3
Carbon Disulfide	6.5
Carbon Tetrachloride	0.22
Chlorobenzene	0.6 J
Chlorodifluoromethane	0.67 J
Chloroform	0.41 J
Chloromethane	0.63 J
Cyclohexane	1.1
Cymene	6.4
Dichlorodifluoromethane	1.4 J
Ethylbenzene	5.1
Isopropanol	15
M,P-Xylenes	21
Methyl Ethyl Ketone (2-Butanone)	14
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.6 J
N-Heptane	4.3
N-Hexane	2
N-Propylbenzene	2.2
O-Xylene (1,2-Dimethylbenzene)	9.2
Tert-Butyl Alcohol	39
Tetrachloroethylene (PCE)	120
Toluene	16
Trichloroethylene (TCE)	1.2
Trichlorofluoromethane	1 J

RI-SV-02 20220728: 7/28/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.42 J
1,2,4-Trimethylbenzene	29
1,3-Dichlorobenzene	1.1 J
1,3,5-Trimethylbenzene (Mesitylene)	8.4
1,4-Dichlorobenzene	1.1 J
2,2,4-Trimethylpentane	9.6
4-Ethyltoluene	8.7
Acetone	12
Benzene	11
Butane	15
Carbon Disulfide	0.85 J
Carbon Tetrachloride	0.32
Chlorobenzene	0.59 J
Chlorodifluoromethane	1.2 J
Chloroform	0.22 J
Chloromethane	0.51 J
Cyclohexane	5.2
Cymene	7.2
Dichlorodifluoromethane	1.7 J
Ethylbenzene	28
Isopropanol	11 J
Isopropylbenzene (Cumene)	3.2
M,P-Xylenes	110
Methyl Ethyl Ketone (2-Butanone)	2.5
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.3 J
Methylene Chloride	2
N-Butylbenzene	0.8 J
N-Heptane	26
N-Hexane	28
N-Propylbenzene	6.1
Naphthalene	1 J
O-Xylene (1,2-Dimethylbenzene)	37
Styrene	2.6
Tert-Butyl Alcohol	4.6 J
Tetrachloroethylene (PCE)	3.3
Toluene	130
Trichloroethylene (TCE)	0.26
Trichlorofluoromethane	0.97 J

RI-SV-13 20240920: 9/20/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	0.35 J
1,2,4-Trimethylbenzene	4.2
1,3-Dichlorobenzene	0.51 J
1,3,5-Trimethylbenzene (Mesitylene)	0.74 J
2-Hexanone	1.1 J
4-Ethyltoluene	0.61 J
Acetone	12
Benzene	0.32 J
Carbon Disulfide	1.1 J
Carbon Tetrachloride	0.27
Chlorodifluoromethane	0.46 J
Chloroform	6.1
Dichlorodifluoromethane	2.1 J
Ethylbenzene	2.8
Isopropanol	35
M,P-Xylenes	15
Methyl Ethyl Ketone (2-Butanone)	2.4
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.7
N-Heptane	0.92
N-Propylbenzene	0.42 J
O-Xylene (1,2-Dimethylbenzene)	5.9
Tert-Butyl Alcohol	4.4 J
Tetrachloroethylene (PCE)	100
Toluene	1.7
Trichlorofluoromethane	1.3
Xylenes, Total	21

LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- ABOVEGROUND STORAGE TANK (AST)

All Detections are Shown

µg/m³- micrograms per cubic meter

J: The reported value is estimated.
D: Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

Sample ID — Sample Date

RI-SV-12 20240920: 9/20/2024

COMPOUND	CONC. (µg/m3)
Volatile Organic Compounds	
1,1,1-Trichloroethane	0.36 J
1,2,4-Trimethylbenzene	28
1,3-Butadiene	0.2 J

Analyte/Compound — Concentration

0 25 50 100
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

Jamaica Works
95-25 149th Street
Queens, New York

Soil Vapor Detections

DATE
12/16/2024

PROJECT NO.
200278

FIGURE
9

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TABLES

Table 1

Groundwater Elevation Data

Jamacia Works - Remedial Investigation

95-25 149th Street, Queens, NY

Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
RI-MW-01	38.62	19.25	19.37
RI-MW-03	36.27	16.82	19.45
RI-MW-04	30.18	10.68	19.50
RI-MW-05	35.30	15.95	19.35
RI-MW-06	38.22	18.9	19.32
RI-MW-07	34.70	15.51	19.19

Notes:

ft. = feet

TOC = top of casing

Elevation = feet above mean sea level based on the North American Vertical Dat
1988 (NAVD88).

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-01_0-2_20220727	RI-SB-01_7-9_20220727	RI-SB-01_13-15_20220727	RI-SB-02_0-2_20220727	RI-SB-02_2-4_20220727
		Laboratory Sample ID	460-262706-8	460-262706-9	460-262706-10	460-262706-6	460-262706-7
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
2-Hexanone	NS	NS	0.0084 U	0.011 U	0.0063 U	0.0073 U	0.0064 U
Acetone	**0.05**	100	0.01 U	0.013 U	0.0076 U	0.0088 U	0.0076 U
Benzene	0.06	4.8	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Bromochloromethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Bromodichloromethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Bromoform	NS	NS	0.0017 UJ	0.0022 UJ	0.0013 U	0.0015 UJ	0.0013 UJ
Bromomethane	NS	NS	0.0034 U	0.0045 U	0.0025 U	0.0029 U	0.0025 U
Carbon Disulfide	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Chlorobenzene	1.1	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Chloroethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Chloroform	0.37	49	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Chloromethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Cyclohexane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Dibromochloromethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Ethylbenzene	1	41	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
M,P-Xylenes	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Methyl Acetate	NS	NS	0.0084 U	0.011 U	0.0063 U	0.0073 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0084 U	0.011 U	0.0063 U	0.0073 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0084 U	0.011 U	0.0063 U	0.0073 U	0.0064 U
Methylcyclohexane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Methylene Chloride	**0.05**	100	0.0034 U	0.0045 U	0.0025 U	0.0029 U	0.0025 U
N-Butylbenzene	12	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
N-Propylbenzene	3.9	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Sec-Butylbenzene	11	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Styrene	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
T-Butylbenzene	5.9	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	0.0017 U	0.025	0.0013 U	0.0015 U	0.0013 U
Toluene	0.7	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0017 U	0.016	0.0013 U	0.0015 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0017 U	0.0022 U	0.0013 U	0.0015 U	0.0013 U
Xylenes, Total	0.26	100	0.0034 U	0.0045 U	0.0025 U	0.0029 U	0.0025 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-03_0-2_20220725	RI-SB-03_5-7_20220725	RI-SB-03_13-15_20220725	RI-SB-04_0-2_20220726	RI-SB-04_6-8_20220726
		Laboratory Sample ID	460-262562-7	460-262562-8	460-262562-9	460-262621-1	460-262621-2
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2,4-Trimethylbenzene	3.6	52	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2-Dichlorobenzene	1.1	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
2-Hexanone	NS	NS	0.0067 U	0.0061 U	0.0062 U	0.0084 U	0.008 U
Acetone	**0.05**	100	0.008 U	0.0073 U	0.0074 U	0.01 U	0.0096 U
Benzene	0.06	4.8	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Bromochloromethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Bromodichloromethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Bromoform	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Bromomethane	NS	NS	0.0027 U	0.0024 U	0.0025 U	0.0034 U	0.0032 U
Carbon Disulfide	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Chlorobenzene	1.1	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Chloroethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Chloroform	0.37	49	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Chloromethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Cyclohexane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Dibromochloromethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Ethylbenzene	1	41	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
M,P-Xylenes	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Methyl Acetate	NS	NS	0.0067 U	0.0061 U	0.0062 U	0.0084 U	0.008 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0067 UJ	0.0061 UJ	0.0062 UJ	0.0084 U	0.008 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0067 U	0.0061 U	0.0062 U	0.0084 U	0.008 U
Methylcyclohexane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Methylene Chloride	**0.05**	100	0.0027 U	0.0024 U	0.0025 U	0.0034 U	0.0032 U
N-Butylbenzene	12	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
N-Propylbenzene	3.9	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Sec-Butylbenzene	11	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Styrene	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
T-Butylbenzene	5.9	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Tetrachloroethylene (PCE)	1.3	19	0.014	0.0014	0.0012 U	0.0017 U	0.0016 U
Toluene	0.7	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Trichloroethylene (TCE)	0.47	21	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Vinyl Chloride	0.02	0.9	0.0013 U	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Xylenes, Total	0.26	100	0.0027 U	0.0024 U	0.0025 U	0.0034 U	0.0032 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-04_13-15_20220726	RI-SB-X_13-15_20220726	RI-SB-05_0-2_20220726	RI-SB-05_5-7_20220726	RI-SB-05_13-15_20220726
		Laboratory Sample ID	460-262621-3	460-262621-4	460-262621-10	460-262621-11	460-262621-12
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,1-Dichloroethane	0.27	26	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,1-Dichloroethene	0.33	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2,4-Trimethylbenzene	3.6	52	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2-Dichlorobenzene	1.1	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,2-Dichloropropane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
2-Hexanone	NS	NS	0.0091 U	0.0073 U	0.0071 U	0.006 U	0.005 U
Acetone	**0.05**	100	0.011 J	0.0088 U	0.017	0.0072 U	0.006 U
Benzene	0.06	4.8	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Bromochloromethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Bromodichloromethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Bromoform	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Bromomethane	NS	NS	0.0036 U	0.0029 U	0.0029 U	0.0024 U	0.002 U
Carbon Disulfide	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Chlorobenzene	1.1	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Chloroethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Chloroform	0.37	49	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Chloromethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Cyclohexane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Dibromochloromethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Ethylbenzene	1	41	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
M,P-Xylenes	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Methyl Acetate	NS	NS	0.0091 U	0.0073 U	0.0071 U	0.006 U	0.005 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0091 U	0.0073 U	0.0071 U	0.006 U	0.005 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0091 U	0.0073 U	0.0071 U	0.006 U	0.005 U
Methylcyclohexane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Methylene Chloride	**0.05**	100	0.0036 U	0.0029 U	0.0029 U	0.0024 U	0.002 U
N-Butylbenzene	12	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
N-Propylbenzene	3.9	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Sec-Butylbenzene	11	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Styrene	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
T-Butylbenzene	5.9	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Tert-Butyl Methyl Ether	0.93	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	0.0018 U	0.0016	0.019	0.046	0.0027
Toluene	0.7	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.0018 U	0.002	0.0014 U	0.00043 J	0.001 U
Trichlorofluoromethane	NS	NS	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Vinyl Chloride	0.02	0.9	0.0018 U	0.0015 U	0.0014 U	0.0012 U	0.001 U
Xylenes, Total	0.26	100	0.0036 U	0.0029 U	0.0029 U	0.0024 U	0.002 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-06_0-2_20220727	RI-SB-06_4-6_20220727	RI-SB-X_4-6_20220727	RI-SB-06_13-15_20220727	RI-SB-07_0-2_20220725
		Laboratory Sample ID	460-262706-1	460-262706-2	460-262706-4	460-262706-3	460-262562-10
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
2-Hexanone	NS	NS	0.0068 U	0.0067 U	0.0061 U	0.0062 U	0.0065 U
Acetone	**0.05**	100	0.0082 U	0.008 U	0.0074 U	0.0075 U	0.0079 U
Benzene	0.06	4.8	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Bromochloromethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Bromodichloromethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Bromoform	NS	NS	0.0014 UJ	0.0013 UJ	0.0012 UJ	0.0012 U	0.0013 U
Bromomethane	NS	NS	0.0027 U	0.0027 U	0.0025 U	0.0025 U	0.0026 U
Carbon Disulfide	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Chlorobenzene	1.1	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Chloroethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Chloroform	0.37	49	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Chloromethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Cyclohexane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Dibromochloromethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Ethylbenzene	1	41	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
M,P-Xylenes	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
Methyl Acetate	NS	NS	0.0068 U	0.0067 U	0.0061 U	0.0062 U	0.0065 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0068 U	0.0067 U	0.0061 U	0.0062 U	0.0065 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0068 U	0.0067 U	0.0061 U	0.0062 U	0.0065 U
Methylcyclohexane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Methylene Chloride	**0.05**	100	0.0027 U	0.0027 U	0.0025 U	0.0025 U	0.0026 U
N-Butylbenzene	12	100	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
N-Propylbenzene	3.9	100	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Sec-Butylbenzene	11	100	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
Styrene	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
T-Butylbenzene	5.9	100	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 J	0.001 J	0.0014	0.00069 J	0.0013 U
Toluene	0.7	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 UJ	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0013 U
Xylenes, Total	0.26	100	0.0027 U	0.0027 U	0.0025 U	0.0025 U	0.0026 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-07_6-8_20220725	RI-SB-07_13-15_20220725	RI-SB-08_0-2_20220728	RI-SB-08_5-7_20220728	RI-SB-08_13-15_20220728
		Laboratory Sample ID	460-262562-11	460-262562-12	460-262775-1	460-262775-2	460-262775-3
		Date Sampled	7/25/2022	7/25/2022	7/28/2022	7/28/2022	7/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.0063 U	0.0055 U	0.006 U	0.0057 U	0.0061 U
Acetone	**0.05**	100	0.0076 U	0.0066 U	0.0071 U	0.0068 U	0.0073 U
Benzene	0.06	4.8	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	0.0025 U	0.0022 U	0.0024 U	0.0023 U	0.0024 U
Carbon Disulfide	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Ethylbenzene	1	41	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	0.0063 U	0.0055 U	0.006 U	0.0057 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0063 UJ	0.0055 UJ	0.006 U	0.0057 U	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0063 U	0.0055 U	0.006 U	0.0057 U	0.0061 U
Methylcyclohexane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Methylene Chloride	**0.05**	100	0.0025 U	0.0022 U	0.0024 U	0.0023 U	0.0024 U
N-Butylbenzene	12	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-Propylbenzene	3.9	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Sec-Butylbenzene	11	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Styrene	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
T-Butylbenzene	5.9	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0013 U	0.0011 U	0.00091 J	0.0046	0.0012 U
Toluene	0.7	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Xylenes, Total	0.26	100	0.0025 U	0.0022 U	0.0024 U	0.0023 U	0.0024 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-09_0-2_20220726	RI-SB-09_3-5_20220726	RI-SB-09_7-9_20220726	RI-SB-10_0-2_20220725	RI-SB-10_5-7_20220725
		Laboratory Sample ID	460-262621-7	460-262621-8	460-262621-9	460-262562-4	460-262562-5
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,1,2-Trichloroethane	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2-Dichlorobenzene	1.1	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,3-Dichlorobenzene	2.4	49	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
1,4-Dichlorobenzene	1.8	13	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
2-Hexanone	NS	NS	0.0057 U	0.0056 U	0.0055 U	0.009 U	0.0049 U
Acetone	**0.05**	100	0.0069 U	0.0067 U	0.0066 U	0.015	0.0057 J
Benzene	0.06	4.8	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Bromochloromethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Bromodichloromethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Bromoform	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Bromomethane	NS	NS	0.0023 U	0.0022 U	0.0022 U	0.0036 U	0.002 U
Carbon Disulfide	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Chlorobenzene	1.1	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Chloroethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Chloroform	0.37	49	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Chloromethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Cyclohexane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Dibromochloromethane	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Ethylbenzene	1	41	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
M,P-Xylenes	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Methyl Acetate	NS	NS	0.0057 U	0.0056 U	0.0055 U	0.009 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0057 U	0.0056 U	0.0055 U	0.009 UJ	0.0049 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0057 UJ	0.0056 U	0.0055 U	0.009 U	0.0049 U
Methylcyclohexane	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Methylene Chloride	**0.05**	100	0.0023 U	0.0022 U	0.0022 U	0.0049	0.002 U
N-Butylbenzene	12	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
N-Propylbenzene	3.9	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Sec-Butylbenzene	11	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Styrene	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
T-Butylbenzene	5.9	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 UJ	0.0011 U	0.0011 U	0.028	0.035
Toluene	0.7	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Trichloroethylene (TCE)	0.47	21	0.0011 UJ	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0011 U	0.0011 U	0.0018 U	0.00098 U
Xylenes, Total	0.26	100	0.0023 UJ	0.0022 U	0.0022 U	0.0036 U	0.002 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-10_13-15_20220725	RI-SB-11_0-2_20220725	RI-SB-11_5-7_20220725	RI-SB-11_13-15_20220725	RI-SB-12_0-2_20240920
		Laboratory Sample ID	460-262562-6	460-262562-1	460-262562-2	460-262562-3	460-311866-1
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/25/2022	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.0056 U	0.0065 U	0.0041 U	0.0053 U	0.0061 U
Acetone	**0.05**	100	0.0067 U	0.0078 U	0.0096	0.0063 U	0.0073 U
Benzene	0.06	4.8	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	0.0022 U	0.0026 U	0.0016 U	0.0021 U	0.0024 U
Carbon Disulfide	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Ethylbenzene	1	41	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	0.0056 U	0.0065 U	0.0041 U	0.0053 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0056 UJ	0.0065 UJ	0.0041 UJ	0.0053 UJ	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0056 U	0.0065 U	0.0041 U	0.0053 U	0.0061 U
Methylcyclohexane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Methylene Chloride	**0.05**	100	0.0022 U	0.0026 U	0.0013 J	0.0021 U	0.0024 U
N-Butylbenzene	12	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
N-Propylbenzene	3.9	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Sec-Butylbenzene	11	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Styrene	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
T-Butylbenzene	5.9	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0044	0.017	0.0011 U	0.0018
Toluene	0.7	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0013 U	0.00081 U	0.0011 U	0.0012 U
Xylenes, Total	0.26	100	0.0022 U	0.0026 U	0.0016 U	0.0021 U	0.0024 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-12_7-9_20240920	RI-SB-13_0-2_20240919	RI-SB-13_11-13_20240919	RI-SB-13_13-15_20240919	RI-SB-14_0-2_20240920
		Laboratory Sample ID	460-311866-2	460-311763-1	460-311763-2	460-311763-3	460-311866-3
		Date Sampled	9/20/2024	9/19/2024	9/19/2024	9/19/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0011 UJ	0.0012 UJ	0.00096 UJ	0.0011 UJ	0.0012 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.0054 U	0.0058 UJ	0.0048 UJ	0.0053 UJ	0.0061 U
Acetone	**0.05**	100	0.0065 U	0.0069 U	0.0061	0.0064 U	0.0073 U
Benzene	0.06	4.8	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.0011 U	0.0012 UJ	0.00096 UJ	0.0011 UJ	0.0012 U
Bromomethane	NS	NS	0.0022 U	0.0023 U	0.0019 U	0.0021 U	0.0024 U
Carbon Disulfide	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Ethylbenzene	1	41	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	0.0054 UJ	0.0058 U	0.0048 U	0.0053 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0054 U	0.0058 U	0.0048 U	0.0053 U	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0054 U	0.0058 UJ	0.0048 UJ	0.0053 UJ	0.0061 U
Methylcyclohexane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Methylene Chloride	**0.05**	100	0.0022 U	0.0023 U	0.0019 U	0.0021 U	0.0024 U
N-Butylbenzene	12	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
N-Propylbenzene	3.9	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Sec-Butylbenzene	11	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
T-Butylbenzene	5.9	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Toluene	0.7	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0011 UJ	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0012 U	0.00096 U	0.0011 U	0.0012 U
Xylenes, Total	0.26	100	0.0022 U	0.0023 U	0.0019 U	0.0021 U	0.0024 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-X_0-2_20240920	RI-SB-15_0-2_20240925	RI-SB-15_10-12_20240925	RI-SB-15_13-15_20240925	RI-SB-DRAIN_1-1.5_20220727
		Laboratory Sample ID	460-311866-4	460-312172-1	460-312172-2	460-312172-3	460-262706-11
		Date Sampled	9/20/2024	9/25/2024	9/25/2024	9/25/2024	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	52	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.003
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.00077 J
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
2-Hexanone	NS	NS	0.0072 U	0.0055 U	0.0055 U	0.006 U	0.0041 J
Acetone	**0.05**	100	0.0087 U	0.0066 U	0.012	0.0072 U	**0.15**
Benzene	0.06	4.8	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.00039 J
Bromochloromethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Bromodichloromethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Bromoform	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Bromomethane	NS	NS	0.0029 U	0.0022 U	0.0022 U	0.0024 U	0.0029 U
Carbon Disulfide	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Chlorobenzene	1.1	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Chloroethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Chloroform	0.37	49	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Chloromethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Cyclohexane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Dibromochloromethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Ethylbenzene	1	41	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.00075 J
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
M,P-Xylenes	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0026
Methyl Acetate	NS	NS	0.0072 U	0.0055 U	0.0055 U	0.006 U	0.0074 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0072 U	0.0055 U	0.0055 U	0.006 U	0.036
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0072 U	0.0055 U	0.0055 U	0.006 U	0.0033 J
Methylcyclohexane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Methylene Chloride	**0.05**	100	0.0029 U	0.0022 U	0.0022 U	0.0024 U	0.0029 U
N-Butylbenzene	12	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
N-Propylbenzene	3.9	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0004 J
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0013 J
Sec-Butylbenzene	11	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Styrene	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
T-Butylbenzene	5.9	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0011 U	0.00069 J	0.0012 U	0.0018
Toluene	0.7	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0028
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0011 U	0.0011 U	0.0012 U	0.0015 U
Xylenes, Total	0.26	100	0.0029 U	0.0022 U	0.0022 U	0.0024 U	0.0038

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	FB_20220726	FB_20220727	RI-FB-S_20240919	RI-TB-S_20240919	TB_20220726
		Laboratory Sample ID	460-262621-5	460-262706-5	460-311763-5	460-311763-4	460-262621-6
		Date Sampled	7/26/2022	7/27/2022	9/19/2024	9/19/2024	7/26/2022
		Unit	µg/L	µg/L	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	1 UJ	1 U	1 U	1 U	1 UJ
1,2-Dichloropropane	NS	NS	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	5 U	5 U	5 U	5 U	5 U
Acetone	**0.05**	100	5 U	5 U	5 U	5 U	5 U
Benzene	0.06	4.8	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Bromoform	NS	NS	1 U	1 U	1 U	1 U	1 U
Bromomethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100	1 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Chloroform	0.37	49	1 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	NS	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1	41	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	**0.05**	100	1 U	**0.41 J**	1 U	1 U	1 U
N-Butylbenzene	12	100	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	3.9	100	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	11	100	1 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5.9	100	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1 U	1 U	1 U	1 U	1 U
Toluene	0.7	100	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	0.26	100	2 U	2 U	2 U	2 U	2 U

Table 2
Soil Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	TB_20220727	TB_20220728
		Laboratory Sample ID	460-262706-12	460-262775-4
		Date Sampled	7/27/2022	7/28/2022
		Unit	µg/L	µg/L
		Dilution Factor	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	1 U	1 U
1,1,2-Trichloroethane	NS	NS	1 U	1 U
1,1-Dichloroethane	0.27	26	1 U	1 U
1,1-Dichloroethene	0.33	100	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1 U	1 U
1,2-Dichloroethane	0.02	3.1	1 U	1 U
1,2-Dichloropropane	NS	NS	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	1 U	1 U
1,3-Dichlorobenzene	2.4	49	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1 U	1 U
2-Hexanone	NS	NS	5 U	5 U
Acetone	**0.05**	100	5 U	5 U
Benzene	0.06	4.8	1 U	1 U
Bromochloromethane	NS	NS	1 U	1 U
Bromodichloromethane	NS	NS	1 U	1 U
Bromoform	NS	NS	1 U	1 U
Bromomethane	NS	NS	1 U	1 U
Carbon Disulfide	NS	NS	1 U	1 U
Carbon Tetrachloride	0.76	2.4	1 U	1 U
Chlorobenzene	1.1	100	1 U	1 U
Chloroethane	NS	NS	1 U	1 U
Chloroform	0.37	49	1 U	1 U
Chloromethane	NS	NS	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	1 U	1 U
Cyclohexane	NS	NS	1 U	1 U
Dibromochloromethane	NS	NS	1 U	1 U
Dichlorodifluoromethane	NS	NS	1 U	1 U
Ethylbenzene	1	41	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	1 U	1 U
M,P-Xylenes	NS	NS	1 U	1 U
Methyl Acetate	NS	NS	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	5 U	5 U
Methylcyclohexane	NS	NS	1 U	1 U
Methylene Chloride	**0.05**	100	1 U	1 U
N-Butylbenzene	12	100	1 U	1 U
N-Propylbenzene	3.9	100	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1 U	1 U
Sec-Butylbenzene	11	100	1 U	1 U
Styrene	NS	NS	1 U	1 U
T-Butylbenzene	5.9	100	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1 U	1 U
Toluene	0.7	100	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	1 U	1 U
Trichloroethylene (TCE)	0.47	21	1 U	1 U
Trichlorofluoromethane	NS	NS	1 U	1 U
Vinyl Chloride	0.02	0.9	1 U	1 UJ
Xylenes, Total	0.26	100	2 U	2 U

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-01_0-2_20220727	RI-SB-01_7-9_20220727	RI-SB-01_13-15_20220727	RI-SB-02_0-2_20220727	RI-SB-02_2-4_20220727	RI-SB-03_0-2_20220725
		Laboratory Sample ID	460-262706-8	460-262706-9	460-262706-10	460-262706-6	460-262706-7	460-262562-7
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.033 U	0.034 U	0.033 U	0.034 U	0.034 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.067 U	0.069 U	0.067 U	0.068 U	0.069 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.067 U	0.069 U	0.067 U	0.068 U	0.069 U	0.072 U
2-Chloronaphthalene	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2-Chlorophenol	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2-Methylnaphthalene	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
2-Nitroaniline	NS	NS	0.33 U	0.34 U	0.33 U	0.34 UJ	0.34 U	0.36 U
2-Nitrophenol	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4-Chloroaniline	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4-Nitroaniline	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
4-Nitrophenol	NS	NS	0.67 U	0.69 U	0.67 U	0.68 UJ	0.69 U	0.72 U
Acenaphthene	20	100	0.33 U	0.34 U	0.33 U	0.012 J	0.34 U	0.013 J
Acenaphthylene	100	100	0.33 U	0.34 U	0.33 U	0.24 J	0.03 J	0.36 U
Acetophenone	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Anthracene	100	100	0.33 U	0.012 J	0.33 U	0.11 J	0.026 J	0.045 J
Atrazine	NS	NS	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.33 UJ	0.34 UJ	0.33 UJ	0.34 UJ	0.34 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.033 U	0.042	0.033 U	0.98	0.25	0.26
Benzo(a)Pyrene	**1**	1	0.033 U	0.031 J	0.033 U	0.76	0.13	0.23
Benzo(b)Fluoranthene	**1**	1	0.033 U	0.046	0.033 U	**1.1**	0.27	0.34
Benzo(g,h,i)Perylene	100	100	0.33 U	0.015 J	0.33 U	0.4	0.095 J	0.16 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.033 U	0.016 J	0.033 U	0.45	0.11	0.11
Benzyl Butyl Phthalate	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.033 U	0.034 U	0.033 U	0.034 U	0.034 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.33 U	0.34 U	0.33 U	0.34 UJ	0.34 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.33 U	0.34 U	0.33 U	0.018 J	0.07 J	0.36 U
Caprolactam	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Carbazole	NS	NS	0.33 U	0.34 U	0.33 U	0.047 J	0.028 J	0.027 J
Chrysene	**1**	3.9	0.33 U	0.043 J	0.33 U	0.91	0.43	0.28 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 U	0.034 U	0.033 U	0.15	0.063	0.039
Dibenzofuran	7	59	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Diethyl Phthalate	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Dimethyl Phthalate	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.02 J	0.36 U
Di-N-Octylphthalate	NS	NS	0.33 U	0.34 U	0.33 U	0.34 UJ	0.34 U	0.36 U
Fluoranthene	100	100	0.33 U	0.081 J	0.33 U	1.5	0.26 J	0.48
Fluorene	30	100	0.33 U	0.34 U	0.33 U	0.016 J	0.01 J	0.36 U
Hexachlorobenzene	0.33	1.2	0.033 U	0.034 U	0.033 U	0.034 U	0.034 U	0.036 U
Hexachlorobutadiene	NS	NS	0.067 U	0.069 U	0.067 U	0.068 U	0.069 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Hexachloroethane	NS	NS	0.033 U	0.034 U	0.033 U	0.034 U	0.034 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.033 U	0.019 J	0.033 U	**0.52**	0.11	0.2
Isophorone	NS	NS	0.13 U	0.14 U	0.13 U	0.14 UJ	0.14 U	0.14 U
Naphthalene	12	100	0.33 U	0.34 U	0.33 U	0.01 J	0.0062 J	0.36 U
Nitrobenzene	NS	NS	0.033 U	0.034 U	0.033 U	0.034 U	0.034 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.033 U	0.034 U	0.033 U	0.034 U	0.034 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U
Pentachlorophenol	0.8	6.7	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.29 U
Phenanthrene	100	100	0.33 U	0.053 J	0.33 U	0.24 J	0.11 J	0.28 J
Phenol	0.33	100	0.33 U	0.34 U	0.33 U	0.34 UJ	0.34 U	0.36 U
Pyrene	100	100	0.33 U	0.069 J	0.33 U	0.93	0.23 J	0.45

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-03_5-7_20220725	RI-SB-03_13-15_20220725	RI-SB-04_0-2_20220726	RI-SB-04_6-8_20220726	RI-SB-04_13-15_20220726	RI-SB-X_13-15_20220726
		Laboratory Sample ID	460-262562-8	460-262562-9	460-262621-1	460-262621-2	460-262621-3	460-262621-4
		Date Sampled	7/25/2022	7/25/2022	7/26/2022	7/26/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
2,4,5-Trichlorophenol	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
2,4,6-Trichlorophenol	NS	NS	0.13 U	0.15 U	0.15 R	0.16 U	0.16 U	0.17 U
2,4-Dichlorophenol	NS	NS	0.13 U	0.15 U	0.15 R	0.16 U	0.16 U	0.17 U
2,4-Dimethylphenol	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.3 U	0.3 R	0.32 U	0.33 U	0.34 U
2,4-Dinitrotoluene	NS	NS	0.068 U	0.077 U	0.077 U	0.081 U	0.083 U	0.085 U
2,6-Dinitrotoluene	NS	NS	0.068 U	0.077 U	0.077 U	0.081 U	0.083 U	0.085 U
2-Chloronaphthalene	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
2-Chlorophenol	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
2-Methylnaphthalene	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
2-Methylphenol (O-Cresol)	0.33	100	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
2-Nitroaniline	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
2-Nitrophenol	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
3- And 4- Methylphenol (Total)	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
3,3'-Dichlorobenzidine	NS	NS	0.13 U	0.15 U	0.15 U	0.16 U	0.16 U	0.17 U
3-Nitroaniline	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.3 U	0.3 R	0.32 U	0.33 U	0.34 U
4-Bromophenyl Phenyl Ether	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
4-Chloro-3-Methylphenol	NS	NS	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
4-Chloroaniline	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
4-Methylphenol (P-Cresol)	0.33	100	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
4-Nitroaniline	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
4-Nitrophenol	NS	NS	0.68 U	0.77 U	0.77 R	0.81 U	0.83 U	0.85 U
Acenaphthene	20	100	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Acenaphthylene	100	100	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Acetophenone	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Anthracene	100	100	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Atrazine	NS	NS	0.13 U	0.15 U	0.15 U	0.16 U	0.16 U	0.17 U
Benzaldehyde	NS	NS	0.33 UJ	0.38 UJ	0.38 UJ	0.4 UJ	0.41 UJ	0.42 UJ
Benzo(a)Anthracene	**1**	1	0.064	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Benzo(a)Pyrene	**1**	1	0.081	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Benzo(b)Fluoranthene	**1**	1	0.11	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Benzo(g,h,i)Perylene	100	100	0.068 J	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.046	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Benzyl Butyl Phthalate	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Biphenyl (Diphenyl)	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Caprolactam	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Carbazole	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Chrysene	**1**	3.9	0.084 J	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Dibenzofuran	7	59	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Diethyl Phthalate	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Dimethyl Phthalate	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Di-N-Butyl Phthalate	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Di-N-Octylphthalate	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Fluoranthene	100	100	0.087 J	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Fluorene	30	100	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Hexachlorobenzene	0.33	1.2	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Hexachlorobutadiene	NS	NS	0.068 U	0.077 U	0.077 U	0.081 U	0.083 U	0.085 U
Hexachlorocyclopentadiene	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Hexachloroethane	NS	NS	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.076	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
Isophorone	NS	NS	0.13 U	0.15 U	0.15 U	0.16 U	0.16 U	0.17 U
Naphthalene	12	100	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Nitrobenzene	NS	NS	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
N-Nitrosodi-N-Propylamine	NS	NS	0.033 U	0.038 U	0.038 U	0.04 U	0.041 U	0.042 U
N-Nitrosodiphenylamine	NS	NS	0.33 U	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Pentachlorophenol	0.8	6.7	0.27 U	0.3 U	0.3 R	0.32 U	0.33 U	0.34 U
Phenanthrene	100	100	0.021 J	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U
Phenol	0.33	100	0.33 U	0.38 U	0.38 R	0.4 U	0.41 U	0.42 U
Pyrene	100	100	0.1 J	0.38 U	0.38 U	0.4 U	0.41 U	0.42 U

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-05_0-2_20220726	RI-SB-05_5-7_20220726	RI-SB-05_13-15_20220726	RI-SB-06_0-2_20220727	RI-SB-06_4-6_20220727	RI-SB-X_4-6_20220727
		Laboratory Sample ID	460-262621-10	460-262621-11	460-262621-12	460-262706-1	460-262706-2	460-262706-4
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/27/2022	7/27/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.034 U	0.034 U	0.034 U	0.034 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.28 U	0.27 U	0.27 U	0.27 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.072 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U
2-Chloronaphthalene	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Chlorophenol	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Methylnaphthalene	NS	NS	0.011 J	0.022 J	0.34 U	0.34 U	0.34 U	0.34 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Nitroaniline	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Nitrophenol	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.28 U	0.27 U	0.27 U	0.27 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Chloroaniline	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Nitroaniline	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Nitrophenol	NS	NS	0.72 U	0.7 U	0.69 U	0.69 U	0.69 U	0.69 U
Acenaphthene	20	100	0.03 J	0.021 J	0.34 U	0.34 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.02 J	0.019 J	0.34 U	0.34 U	0.34 U	0.34 U
Acetophenone	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Anthracene	100	100	0.12 J	0.07 J	0.016 J	0.34 U	0.34 U	0.34 U
Atrazine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ
Benzo(a)Anthracene	**1**	1	0.38	0.26	0.083	0.042	0.032 J	0.041
Benzo(a)Pyrene	**1**	1	0.37	0.26	0.081	0.037	0.03 J	0.035
Benzo(b)Fluoranthene	**1**	1	0.48	0.33	0.11	0.054	0.043	0.054
Benzo(g,h,i)Perylene	100	100	0.27 J	0.19 J	0.061 J	0.028 J	0.025 J	0.025 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.18	0.11	0.044	0.019 J	0.014 J	0.017 J
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.034 U	0.034 U	0.034 U	0.034 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.49	0.34 U	0.34 U	0.34 U	0.34 U
Caprolactam	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Carbazole	NS	NS	0.052 J	0.03 J	0.34 U	0.34 U	0.34 U	0.34 U
Chrysene	**1**	3.9	0.34 J	0.23 J	0.079 J	0.044 J	0.033 J	0.044 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.055	0.039	0.034 U	0.034 U	0.034 U	0.034 U
Dibenzofuran	7	59	0.024 J	0.035 J	0.34 U	0.34 U	0.34 U	0.34 U
Diethyl Phthalate	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Dimethyl Phthalate	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	0.15 J	0.076 J	0.23 J	0.34 U	0.34 U	0.34 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Fluoranthene	100	100	0.74	0.46	0.15 J	0.062 J	0.055 J	0.07 J
Fluorene	30	100	0.033 J	0.014 J	0.34 U	0.34 U	0.34 U	0.34 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.034 U	0.034 U	0.034 U	0.034 U	0.034 U
Hexachlorobutadiene	NS	NS	0.072 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Hexachloroethane	NS	NS	0.036 U	0.034 U	0.034 U	0.034 U	0.034 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.29	0.21	0.071	0.026 J	0.025 J	0.028 J
Isophorone	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	0.022 J	0.085 J	0.34 U	0.34 U	0.34 U	0.34 U
Nitrobenzene	NS	NS	0.036 U	0.034 U	0.034 U	0.034 U	0.034 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.034 U	0.034 U	0.034 U	0.034 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Pentachlorophenol	0.8	6.7	0.29 U	0.28 U	0.27 U	0.27 U	0.27 U	0.28 U
Phenanthrene	100	100	0.55	0.33 J	0.1 J	0.016 J	0.018 J	0.028 J
Phenol	0.33	100	0.36 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Pyrene	100	100	0.74	0.49	0.14 J	0.061 J	0.046 J	0.063 J

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-06_13-15_20220727	RI-SB-07_0-2_20220725	RI-SB-07_6-8_20220725	RI-SB-07_13-15_20220725	RI-SB-08_0-2_20220728	RI-SB-08_5-7_20220728
		Laboratory Sample ID	460-262706-3	460-262562-10	460-262562-11	460-262562-12	460-262775-1	460-262775-2
		Date Sampled	7/27/2022	7/25/2022	7/25/2022	7/25/2022	7/28/2022	7/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.033 U	0.033 U	0.034 U	0.034 U	0.034 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.13 U
2,4-Dichlorophenol	NS	NS	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.13 U
2,4-Dimethylphenol	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2,4-Dinitrophenol	NS	NS	0.27 UJ	0.27 U	0.27 U	0.27 U	0.28 UJ	0.27 UJ
2,4-Dinitrotoluene	NS	NS	0.067 U	0.068 U	0.069 U	0.069 U	0.069 U	0.068 U
2,6-Dinitrotoluene	NS	NS	0.067 U	0.068 U	0.069 U	0.069 U	0.069 U	0.068 U
2-Chloronaphthalene	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Chlorophenol	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Methylnaphthalene	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Methylphenol (O-Cresol)	0.33	100	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Nitroaniline	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Nitrophenol	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.13 U
3-Nitroaniline	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 UJ	0.27 U	0.27 U	0.27 U	0.28 UJ	0.27 UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Chloroaniline	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Nitroaniline	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Nitrophenol	NS	NS	0.67 U	0.68 U	0.69 U	0.69 U	0.69 U	0.68 U
Acenaphthene	20	100	0.33 U	0.33 U	0.34 U	0.34 U	0.023 J	0.33 U
Acenaphthylene	100	100	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Acetophenone	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Anthracene	100	100	0.33 U	0.33 U	0.34 U	0.34 U	0.052 J	0.33 U
Atrazine	NS	NS	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.13 U
Benzaldehyde	NS	NS	0.33 UJ	0.33 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.33 UJ
Benzo(a)Anthracene	**1**	1	0.019 J	0.033 U	0.034 U	0.034 U	0.076	0.017 J
Benzo(a)Pyrene	**1**	1	0.013 J	0.033 U	0.034 U	0.034 U	0.053	0.033 U
Benzo(b)Fluoranthene	**1**	1	0.018 J	0.033 U	0.034 U	0.034 U	0.068	0.0094 J
Benzo(g,h,i)Perylene	100	100	0.013 J	0.33 U	0.34 U	0.34 U	0.028 J	0.33 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.033 U	0.033 U	0.034 U	0.034 U	0.029 J	0.033 U
Benzyl Butyl Phthalate	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.033 U	0.033 U	0.034 U	0.034 U	0.034 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Caprolactam	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Carbazole	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.022 J	0.33 U
Chrysene	**1**	3.9	0.015 J	0.33 U	0.34 U	0.34 U	0.062 J	0.01 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 U	0.033 U	0.034 U	0.034 U	0.034 UJ	0.033 UJ
Dibenzofuran	7	59	0.33 U	0.33 U	0.34 U	0.34 U	0.025 J	0.33 U
Diethyl Phthalate	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Dimethyl Phthalate	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Di-N-Octylphthalate	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Fluoranthene	100	100	0.023 J	0.33 U	0.34 U	0.34 U	0.18 J	0.025 J
Fluorene	30	100	0.33 U	0.33 U	0.34 U	0.34 U	0.021 J	0.33 U
Hexachlorobenzene	0.33	1.2	0.033 U	0.033 U	0.034 U	0.034 U	0.034 U	0.033 U
Hexachlorobutadiene	NS	NS	0.067 U	0.068 U	0.069 U	0.069 U	0.069 U	0.068 U
Hexachlorocyclopentadiene	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Hexachloroethane	NS	NS	0.033 U	0.033 U	0.034 U	0.034 U	0.034 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.033 U	0.033 U	0.034 U	0.034 U	0.067	0.033 U
Isophorone	NS	NS	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.13 U
Naphthalene	12	100	0.33 U	0.33 U	0.34 U	0.34 U	0.017 J	0.33 U
Nitrobenzene	NS	NS	0.033 U	0.033 U	0.034 U	0.034 U	0.034 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	0.033 U	0.033 U	0.034 U	0.034 U	0.034 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Pentachlorophenol	0.8	6.7	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U	0.27 U
Phenanthrene	100	100	0.012 J	0.33 U	0.34 U	0.34 U	0.24 J	0.03 J
Phenol	0.33	100	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U	0.33 U
Pyrene	100	100	0.022 J	0.33 U	0.34 U	0.34 U	0.13 J	0.021 J

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-08_13-15_20220728	RI-SB-09_0-2_20220726	RI-SB-09_3-5_20220726	RI-SB-09_7-9_20220726	RI-SB-10_0-2_20220725	RI-SB-10_5-7_20220725
		Laboratory Sample ID	460-262775-3	460-262621-7	460-262621-8	460-262621-9	460-262562-4	460-262562-5
		Date Sampled	7/28/2022	7/26/2022	7/26/2022	7/26/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.033 U	0.035 UJ	0.035 U	0.034 U	0.036 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.13 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.13 U	0.14 UJ	0.14 U	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.27 UJ	0.28 UJ	0.28 U	0.27 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.067 U	0.071 U	0.071 U	0.068 U	0.074 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.067 U	0.071 UJ	0.071 U	0.068 U	0.074 U	0.073 U
2-Chloronaphthalene	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
2-Chlorophenol	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
2-Methylnaphthalene	NS	NS	0.33 U	0.032 JL	0.35 U	0.34 U	0.012 J	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
2-Nitroaniline	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
2-Nitrophenol	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.13 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 UJ	0.28 UJ	0.28 U	0.27 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
4-Chloroaniline	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
4-Nitroaniline	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
4-Nitrophenol	NS	NS	0.67 U	0.71 U	0.71 U	0.68 U	0.74 U	0.73 U
Acenaphthene	20	100	0.33 U	0.078 J	0.35 U	0.34 U	0.037 J	0.36 U
Acenaphthylene	100	100	0.33 U	0.088 JL	0.35 U	0.34 U	0.015 J	0.36 U
Acetophenone	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Anthracene	100	100	0.33 U	0.26 JL	0.011 J	0.34 U	0.089 J	0.36 U
Atrazine	NS	NS	0.13 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.33 UJ	0.35 UJ	0.35 UJ	0.34 UJ	0.36 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.033 U	**1.6**	0.075	0.034 U	0.28	0.036 U
Benzo(a)Pyrene	**1**	1	0.033 U	**1.5 JL**	0.073	0.034 U	0.24	0.036 U
Benzo(b)Fluoranthene	**1**	1	0.033 U	**1.9 JL**	0.1	0.034 U	0.31	0.036 U
Benzo(g,h,i)Perylene	100	100	0.33 U	1.1 JL	0.055 J	0.34 U	0.17 J	0.36 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.033 U	0.59	0.035	0.034 U	0.13	0.036 U
Benzyl Butyl Phthalate	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.033 U	0.035 UJ	0.035 U	0.034 U	0.036 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Caprolactam	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Carbazole	NS	NS	0.33 U	0.12 J	0.35 U	0.34 U	0.045 J	0.36 U
Chrysene	**1**	3.9	0.33 U	**1.7**	0.084 J	0.34 U	0.25 J	0.36 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 UJ	0.29 JL	0.035 U	0.034 U	0.037	0.036 U
Dibenzofuran	7	59	0.33 U	0.043 J	0.35 U	0.34 U	0.019 J	0.36 U
Diethyl Phthalate	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Dimethyl Phthalate	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Fluoranthene	100	100	0.33 U	2.5 JL	0.13 J	0.34 U	0.54	0.36 U
Fluorene	30	100	0.33 U	0.068 J	0.35 U	0.34 U	0.029 J	0.36 U
Hexachlorobenzene	0.33	1.2	0.033 U	0.035 UJ	0.035 U	0.034 U	0.036 U	0.036 U
Hexachlorobutadiene	NS	NS	0.067 U	0.071 UJ	0.071 U	0.068 U	0.074 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Hexachloroethane	NS	NS	0.033 U	0.035 UJ	0.035 U	0.034 U	0.036 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.033 U	**1.1 JL**	0.057	0.034 U	0.2	0.036 U
Isophorone	NS	NS	0.13 U	0.14 UJ	0.14 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	0.33 U	0.063 JL	0.35 U	0.34 U	0.36 U	0.36 U
Nitrobenzene	NS	NS	0.033 U	0.035 UJ	0.035 U	0.034 U	0.036 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.033 U	0.035 UJ	0.035 U	0.034 U	0.036 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.33 U	0.35 U	0.35 U	0.34 U	0.36 U	0.36 U
Pentachlorophenol	0.8	6.7	0.27 U	0.28 U	0.28 U	0.27 U	0.29 U	0.29 U
Phenanthrene	100	100	0.33 U	1.6 JL	0.058 J	0.34 U	0.37	0.36 U
Phenol	0.33	100	0.33 U	0.35 UJ	0.35 U	0.34 U	0.36 U	0.36 U
Pyrene	100	100	0.33 U	3 JL	0.13 J	0.34 U	0.45	0.36 U

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-10_13-15_20220725	RI-SB-11_0-2_20220725	RI-SB-11_5-7_20220725	RI-SB-11_13-15_20220725	RI-SB-12_0-2_20240920	RI-SB-12_7-9_20240920
		Laboratory Sample ID	460-262562-6	460-262562-1	460-262562-2	460-262562-3	460-311866-1	460-311866-2
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/25/2022	9/20/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.13 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.13 U
2,4-Dimethylphenol	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.29 UJ	0.27 U	0.27 U	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	0.068 U	0.074 U	0.068 U	0.068 U	0.068 U	0.068 U
2,6-Dinitrotoluene	NS	NS	0.068 U	0.074 U	0.068 U	0.068 U	0.068 U	0.068 U
2-Chloronaphthalene	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Chlorophenol	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Methylnaphthalene	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.015 J	0.33 U
2-Methylphenol (O-Cresol)	0.33	100	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
2-Nitroaniline	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 UJ	0.33 UJ
2-Nitrophenol	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.13 U
3-Nitroaniline	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.29 UJ	0.27 U	0.27 U	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Chloroaniline	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Nitroaniline	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
4-Nitrophenol	NS	NS	0.68 U	0.74 U	0.68 U	0.68 U	0.68 UJ	0.68 UJ
Acenaphthene	20	100	0.34 U	0.058 J	0.054 J	0.34 U	0.34 U	0.33 U
Acenaphthylene	100	100	0.34 U	0.016 J	0.34 U	0.34 U	0.065 J	0.33 U
Acetophenone	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Anthracene	100	100	0.34 U	0.13 J	0.12 J	0.34 U	0.035 J	0.33 U
Atrazine	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.13 U
Benzaldehyde	NS	NS	0.34 UJ	0.36 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.33 UJ
Benzo(a)Anthracene	**1**	1	0.034 U	0.68	0.44	0.034 U	0.16	0.033 U
Benzo(a)Pyrene	**1**	1	0.034 U	0.62	0.38	0.034 U	0.23	0.033 U
Benzo(b)Fluoranthene	**1**	1	0.034 U	0.81	0.5	0.034 U	0.31	0.033 U
Benzo(g,h,i)Perylene	100	100	0.34 U	0.38	0.21 J	0.34 U	0.21 J	0.33 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.034 U	0.29	0.17	0.034 U	0.1	0.033 U
Benzyl Butyl Phthalate	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Caprolactam	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Carbazole	NS	NS	0.34 U	0.064 J	0.055 J	0.34 U	0.34 U	0.33 U
Chrysene	**1**	3.9	0.34 U	0.64	0.45	0.34 U	0.18 J	0.33 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.034 U	0.088	0.067	0.034 U	0.048	0.033 U
Dibenzofuran	7	59	0.34 U	0.02 J	0.024 J	0.34 U	0.34 U	0.33 U
Diethyl Phthalate	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Dimethyl Phthalate	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Di-N-Octylphthalate	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Fluoranthene	100	100	0.34 U	1.2	0.91	0.34 U	0.21 J	0.33 U
Fluorene	30	100	0.34 U	0.042 J	0.046 J	0.34 U	0.34 U	0.33 U
Hexachlorobenzene	0.33	1.2	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U	0.033 U
Hexachlorobutadiene	NS	NS	0.068 U	0.074 U	0.068 U	0.068 U	0.068 U	0.068 U
Hexachlorocyclopentadiene	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Hexachloroethane	NS	NS	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.034 U	0.45	0.29	0.034 U	0.2	0.033 U
Isophorone	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.13 U
Naphthalene	12	100	0.34 U	0.36 U	0.34 U	0.34 U	0.017 J	0.33 U
Nitrobenzene	NS	NS	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Pentachlorophenol	0.8	6.7	0.27 U	0.29 U	0.27 U	0.27 U	0.27 U	0.27 U
Phenanthrene	100	100	0.34 U	0.74	0.68	0.34 U	0.079 J	0.33 U
Phenol	0.33	100	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U	0.33 U
Pyrene	100	100	0.34 U	1.2	0.85	0.34 U	0.23 J	0.33 U

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-13_0-2_20240919	RI-SB-13_11-13_20240919	RI-SB-13_13-15_20240919	RI-SB-14_0-2_20240920	RI-SB-X_0-2_20240920	RI-SB-X_0-2_20240920
		Laboratory Sample ID	460-311763-1	460-311763-2	460-311763-3	460-311866-3	460-311866-4	460-311866-4
		Date Sampled	9/19/2024	9/19/2024	9/19/2024	9/20/2024	9/20/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	2
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
1,4-Dioxane (P-Dioxane)	0.1	13	0.033 U	0.033 U	0.033 U	0.034 U	0.034 U	NR
2,3,4,6-Tetrachlorophenol	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
2,4,5-Trichlorophenol	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
2,4,6-Trichlorophenol	NS	NS	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	NR
2,4-Dichlorophenol	NS	NS	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	NR
2,4-Dimethylphenol	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
2,4-Dinitrophenol	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	NR
2,4-Dinitrotoluene	NS	NS	0.067 U	0.067 U	0.068 U	0.069 U	0.068 U	NR
2,6-Dinitrotoluene	NS	NS	0.067 U	0.067 U	0.068 U	0.069 U	0.068 U	NR
2-Chloronaphthalene	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
2-Chlorophenol	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
2-Methylnaphthalene	NS	NS	0.33 U	0.33 U	0.33 U	0.012 J	0.039 J	NR
2-Methylphenol (O-Cresol)	0.33	100	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
2-Nitroaniline	NS	NS	0.33 U	0.33 U	0.33 U	0.34 UJ	0.34 UJ	NR
2-Nitrophenol	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
3- And 4- Methylphenol (Total)	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.044 J	NR
3,3'-Dichlorobenzidine	NS	NS	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	NR
3-Nitroaniline	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	NR
4-Bromophenyl Phenyl Ether	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
4-Chloro-3-Methylphenol	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
4-Chloroaniline	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
4-Chlorophenyl Phenyl Ether	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
4-Methylphenol (P-Cresol)	0.33	100	0.33 U	0.33 U	0.33 U	0.34 U	0.044 J	NR
4-Nitroaniline	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
4-Nitrophenol	NS	NS	0.67 U	0.67 U	0.68 U	0.69 UJ	0.68 UJ	NR
Acenaphthene	20	100	0.33 U	0.33 U	0.33 U	0.34 U	0.25 J	NR
Acenaphthylene	100	100	0.33 U	0.33 U	0.33 U	0.039 J	0.64 J	NR
Acetophenone	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Anthracene	100	100	0.33 U	0.33 U	0.33 U	0.046 J	0.83 J	NR
Atrazine	NS	NS	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	NR
Benzaldehyde	NS	NS	0.33 UJ	0.33 UJ	0.33 UJ	0.34 UJ	0.34 UJ	NR
Benzo(a)Anthracene	**1**	1	0.033 U	0.033 U	0.033 U	0.29 JL	**4.5**	NR
Benzo(a)Pyrene	**1**	1	0.033 U	0.033 U	0.033 U	0.33 JL	**4.7**	NR
Benzo(b)Fluoranthene	**1**	1	0.033 U	0.033 U	0.033 U	0.4 JL	**5.3**	NR
Benzo(g,h,i)Perylene	100	100	0.33 U	0.33 U	0.33 U	0.25 J	3.1	NR
Benzo(k)Fluoranthene	**0.8**	3.9	0.033 U	0.033 U	0.033 U	0.14 JL	**2**	NR
Benzyl Butyl Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Biphenyl (Diphenyl)	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.022 J	NR
Bis(2-Chloroethoxy) Methane	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.033 U	0.033 U	0.033 U	0.034 U	0.034 U	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	0.037 J	0.038 J	NR
Caprolactam	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Carbazole	NS	NS	0.33 U	0.33 U	0.33 U	0.021 J	0.23 J	NR
Chrysene	**1**	3.9	0.33 U	0.33 U	0.33 U	0.31 J	**4.5**	NR
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 U	0.033 U	0.033 U	0.047 J	**0.64 J**	NR
Dibenzofuran	7	59	0.33 U	0.33 U	0.33 U	0.015 J	0.13 J	NR
Diethyl Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Dimethyl Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Di-N-Butyl Phthalate	NS	NS	0.055 J	0.038 J	0.33 U	0.34 U	0.34 U	NR
Di-N-Octylphthalate	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Fluoranthene	100	100	0.33 U	0.33 U	0.33 U	0.59 JL	NR	12 D
Fluorene	30	100	0.33 U	0.33 U	0.33 U	0.34 U	0.15 J	NR
Hexachlorobenzene	0.33	1.2	0.033 U	0.033 U	0.033 U	0.034 U	0.034 U	NR
Hexachlorobutadiene	NS	NS	0.067 U	0.067 U	0.068 U	0.069 U	0.068 U	NR
Hexachlorocyclopentadiene	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Hexachloroethane	NS	NS	0.033 U	0.033 U	0.033 U	0.034 U	0.034 U	NR
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.033 U	0.033 U	0.033 U	0.22 JL	**3**	NR
Isophorone	NS	NS	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	NR
Naphthalene	12	100	0.33 U	0.33 U	0.33 U	0.013 J	0.099 J	NR
Nitrobenzene	NS	NS	0.033 U	0.033 U	0.033 U	0.034 U	0.034 U	NR
N-Nitrosodi-N-Propylamine	NS	NS	0.033 U	0.033 U	0.033 U	0.034 U	0.034 U	NR
N-Nitrosodiphenylamine	NS	NS	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Pentachlorophenol	0.8	6.7	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	NR
Phenanthrene	100	100	0.33 U	0.33 U	0.33 U	0.25 J	4.3	NR
Phenol	0.33	100	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	NR
Pyrene	100	100	0.33 U	0.33 U	0.33 U	0.63 JL	NR	11 D

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-15_0-2_20240925	RI-SB-15_10-12_20240925	RI-SB-15_13-15_20240925	RI-SB-DRAIN_1-1.5_20220727
		Laboratory Sample ID	460-312172-1	460-312172-2	460-312172-3	460-262706-11
		Date Sampled	9/25/2024	9/25/2024	9/25/2024	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	5
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.033 U	0.033 U	0.033 U	0.17 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
2,4,5-Trichlorophenol	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
2,4,6-Trichlorophenol	NS	NS	0.13 U	0.13 U	0.13 U	0.67 U
2,4-Dichlorophenol	NS	NS	0.13 U	0.13 U	0.13 U	0.67 U
2,4-Dimethylphenol	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.27 U	0.27 U	1.3 U
2,4-Dinitrotoluene	NS	NS	0.067 UJ	0.068 UJ	0.067 UJ	0.34 U
2,6-Dinitrotoluene	NS	NS	0.067 UJ	0.068 UJ	0.067 UJ	0.34 U
2-Chloronaphthalene	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
2-Chlorophenol	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
2-Methylnaphthalene	NS	NS	0.33 U	0.33 U	0.33 U	0.21 J
2-Methylphenol (O-Cresol)	0.33	100	0.33 U	0.33 U	0.33 U	1.7 U
2-Nitroaniline	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
2-Nitrophenol	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
3- And 4- Methylphenol (Total)	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
3,3'-Dichlorobenzidine	NS	NS	0.13 U	0.13 U	0.13 U	0.67 U
3-Nitroaniline	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.27 U	0.27 U	1.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
4-Chloro-3-Methylphenol	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
4-Chloroaniline	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
4-Methylphenol (P-Cresol)	0.33	100	0.33 U	0.33 U	0.33 U	1.7 U
4-Nitroaniline	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
4-Nitrophenol	NS	NS	0.67 U	0.68 U	0.67 U	3.4 U
Acenaphthene	20	100	0.33 U	0.33 U	0.33 U	1.7 U
Acenaphthylene	100	100	0.33 U	0.33 U	0.33 U	1.7 U
Acetophenone	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Anthracene	100	100	0.33 U	0.33 U	0.33 U	1.7 U
Atrazine	NS	NS	0.13 U	0.13 U	0.13 U	0.67 U
Benzaldehyde	NS	NS	0.33 U	0.33 U	0.33 U	1.7 UJ
Benzo(a)Anthracene	**1**	1	0.033 U	0.033 U	0.033 U	0.17 U
Benzo(a)Pyrene	**1**	1	0.033 U	0.033 U	0.033 U	0.17 U
Benzo(b)Fluoranthene	**1**	1	0.033 U	0.033 U	0.033 U	0.17 U
Benzo(g,h,i)Perylene	100	100	0.33 U	0.33 U	0.33 U	1.7 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.033 U	0.033 U	0.033 U	0.17 U
Benzyl Butyl Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Biphenyl (Diphenyl)	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.033 U	0.033 U	0.033 U	0.17 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	9.1
Caprolactam	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Carbazole	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Chrysene	**1**	3.9	0.33 U	0.33 U	0.33 U	1.7 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 U	0.033 U	0.033 U	0.17 U
Dibenzofuran	7	59	0.33 U	0.33 U	0.33 U	0.07 J
Diethyl Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	0.49 J
Dimethyl Phthalate	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Di-N-Butyl Phthalate	NS	NS	0.023 J	0.33 U	0.33 U	1.2 J
Di-N-Octylphthalate	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Fluoranthene	100	100	0.33 U	0.33 U	0.33 U	1.7 U
Fluorene	30	100	0.33 U	0.33 U	0.33 U	0.088 J
Hexachlorobenzene	0.33	1.2	0.033 U	0.033 U	0.033 U	0.17 U
Hexachlorobutadiene	NS	NS	0.067 U	0.068 U	0.067 U	0.34 U
Hexachlorocyclopentadiene	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Hexachloroethane	NS	NS	0.033 U	0.033 U	0.033 U	0.17 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.033 U	0.033 U	0.033 U	0.17 U
Isophorone	NS	NS	0.13 U	0.13 U	0.13 U	0.67 U
Naphthalene	12	100	0.33 U	0.33 U	0.33 U	0.11 J
Nitrobenzene	NS	NS	0.033 U	0.033 U	0.033 U	0.17 U
N-Nitrosodi-N-Propylamine	NS	NS	0.033 U	0.033 U	0.033 U	0.17 U
N-Nitrosodiphenylamine	NS	NS	0.33 U	0.33 U	0.33 U	1.7 U
Pentachlorophenol	0.8	6.7	0.27 U	0.27 U	0.27 U	1.3 U
Phenanthrene	100	100	0.33 U	0.33 U	0.33 U	0.53 J
Phenol	0.33	100	0.33 U	0.33 U	0.33 U	0.12 J
Pyrene	100	100	0.33 U	0.33 U	0.33 U	1.7 U

Table 3
Soil Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	FB_20220726	FB_20220727	RI-FB-S_20240919
		Laboratory Sample ID	460-262621-5	460-262706-5	460-311763-5
		Date Sampled	7/26/2022	7/27/2022	9/19/2024
		Unit	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	NS	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	10 U	10 U	10 U
2,4-Dichlorophenol	NS	NS	10 U	10 U	10 U
2,4-Dimethylphenol	NS	NS	10 U	10 UJ	10 U
2,4-Dinitrophenol	NS	NS	40 UJ	40 U	40 U
2,4-Dinitrotoluene	NS	NS	10 UJ	10 UJ	10 U
2,6-Dinitrotoluene	NS	NS	2 U	2 U	2 U
2-Chloronaphthalene	NS	NS	10 U	10 U	10 U
2-Chlorophenol	NS	NS	10 U	10 U	10 U
2-Methylnaphthalene	NS	NS	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	10 U	10 U	10 U
2-Nitroaniline	NS	NS	10 U	10 U	10 U
2-Nitrophenol	NS	NS	10 UJ	10 UJ	10 U
3- And 4- Methylphenol (Total)	NS	NS	10 U	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	10 U	10 U	10 U
3-Nitroaniline	NS	NS	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	20 UJ	20 UJ	20 U
4-Bromophenyl Phenyl Ether	NS	NS	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	10 U	10 U	10 U
4-Chloroaniline	NS	NS	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	10 U	10 U	10 U
4-Nitroaniline	NS	NS	10 U	10 U	10 U
4-Nitrophenol	NS	NS	20 UJ	20 UJ	20 U
Acenaphthene	20	100	10 U	10 U	10 U
Acenaphthylene	100	100	10 U	10 U	10 U
Acetophenone	NS	NS	10 U	10 U	10 U
Anthracene	100	100	10 U	10 U	10 U
Atrazine	NS	NS	2 U	2 UJ	2 U
Benzaldehyde	NS	NS	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	**1**	1	1 U	1 U	1 U
Benzo(a)Pyrene	**1**	1	1 U	1 U	1 U
Benzo(b)Fluoranthene	**1**	1	2 U	2 U	2 U
Benzo(g,h,i)Perylene	100	100	10 U	10 U	10 U
Benzo(k)Fluoranthene	**0.8**	3.9	1 U	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	10 U	10 U	10 U
Biphenyl (Diphenyl)	NS	NS	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	10 U	10 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	2 U	2 U	2 U
Caprolactam	NS	NS	10 U	10 U	10 U
Carbazole	NS	NS	10 U	10 U	10 U
Chrysene	**1**	3.9	2 U	2 U	2 U
Dibenz(a,h)Anthracene	**0.33**	0.33	1 U	1 U	1 U
Dibenzofuran	7	59	10 U	10 U	10 U
Diethyl Phthalate	NS	NS	10 U	10 U	10 U
Dimethyl Phthalate	NS	NS	10 U	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	10 U	10 U	10 U
Di-N-Octylphthalate	NS	NS	10 U	10 U	10 U
Fluoranthene	100	100	10 U	10 U	10 U
Fluorene	30	100	10 U	10 U	10 U
Hexachlorobenzene	0.33	1.2	1 U	1 U	1 U
Hexachlorobutadiene	NS	NS	1 U	1 U	1 U
Hexachlorocyclopentadiene	NS	NS	10 U	10 U	10 U
Hexachloroethane	NS	NS	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	2 U	2 U	2 U
Isophorone	NS	NS	10 U	10 U	10 U
Naphthalene	12	100	2 U	2 U	2 U
Nitrobenzene	NS	NS	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	1 U	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	10 U	10 U	10 U
Pentachlorophenol	0.8	6.7	20 U	20 U	20 U
Phenanthrene	100	100	10 U	10 U	10 U
Phenol	0.33	100	10 U	10 U	10 U
Pyrene	100	100	10 U	10 U	10 U

Table 4
Soil Analytical Results of Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-01_0-2_20220727	RI-SB-01_7-9_20220727	RI-SB-01_7-9_20220727	RI-SB-01_13-15_20220727	RI-SB-02_0-2_20220727
		Laboratory Sample ID	460-262706-8	460-262706-9	460-262706-9	460-262706-10	460-262706-6
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	3	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	3,820	10,600	NR	2,800	12,500
Antimony	NS	NS	0.15 J	0.2 J	NR	0.14 J	0.33 J
Arsenic	13	16	1.7	4.4	NR	1.6	5
Barium	**350**	400	23.2	99.1	NR	17.4	81
Beryllium	7.2	72	0.23 J	0.56	NR	0.19 J	0.56
Cadmium	**2.5**	4.3	0.96 U	0.99 U	NR	0.95 U	0.61 J
Calcium	NS	NS	1,310	31,800	NR	498	940
Chromium, Hexavalent	1	110	2 U	2 U	NR	1.9 U	2.1 U
Chromium, Total	NS	NS	11.5	16.6	NR	9.6	21.6
Cobalt	NS	NS	4.3	6	NR	3.5	6.3
Copper	**50**	270	11.2	**136**	NR	18.4	**53.1**
Cyanide	27	27	0.21 U	0.25	NR	0.22 U	0.29
Iron	NS	NS	17,000	18,900	NR	15,500	21,500
Lead	**63**	400	3.4	**187**	NR	2	**172**
Magnesium	NS	NS	1,420	2,520	NR	1,040	2,060
Manganese	1,600	2,000	292	429	NR	294	384
Mercury	**0.18**	0.81	0.017 U	NR	**1**	0.017 U	NR
Nickel	**30**	310	10.6	12.4	NR	8.5	15.1
Potassium	NS	NS	541	1,120	NR	395	450
Selenium	3.9	180	1.2 U	0.4 J	NR	1.2 U	0.43 J
Silver	2	180	0.38 U	0.24 J	NR	0.38 U	0.13 J
Sodium	NS	NS	44 J	398	NR	57.3 J	87.7 J
Thallium	NS	NS	0.054 J	0.1 J	NR	0.051 J	0.11 J
Vanadium	NS	NS	14.2	25	NR	12.3	27.5
Zinc	**109**	10,000	14.9	33.4	NR	23.6	108

Table 4
Soil Analytical Results of Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-02_0-2_20220727	RI-SB-02_2-4_20220727	RI-SB-02_2-4_20220727	RI-SB-03_0-2_20220725	RI-SB-03_5-7_20220725
		Laboratory Sample ID	460-262706-6	460-262706-7	460-262706-7	460-262562-7	460-262562-8
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	20	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	12,200	NR	7,920	4,410
Antimony	NS	NS	NR	0.3 J	NR	0.59 J	0.99 U
Arsenic	13	16	NR	4.7	NR	4.1	2.2
Barium	**350**	400	NR	70.9	NR	57.4	37
Beryllium	7.2	72	NR	0.54	NR	0.37 J	0.26 J
Cadmium	**2.5**	4.3	NR	0.35 J	NR	**4.9**	1.1
Calcium	NS	NS	NR	675	NR	17,700	2,640
Chromium, Hexavalent	1	110	NR	2 U	NR	2.2 U	2 U
Chromium, Total	NS	NS	NR	20.7	NR	15.3	16.6
Cobalt	NS	NS	NR	6.4	NR	4.4	3.6
Copper	**50**	270	NR	**58.1**	NR	44.8	12.1
Cyanide	27	27	NR	0.19 J	NR	0.16 J	0.2 U
Iron	NS	NS	NR	24,700	NR	17,200	16,400
Lead	**63**	400	NR	**145**	NR	**484**	20.3
Magnesium	NS	NS	NR	1,950	NR	1,700	1,050
Manganese	1,600	2,000	NR	413	NR	243	276
Mercury	**0.18**	0.81	**3.3**	NR	**2.7**	**0.32**	0.016 U
Nickel	**30**	310	NR	14.1	NR	12.6	8.4
Potassium	NS	NS	NR	439	NR	570	397
Selenium	3.9	180	NR	0.51 J	NR	0.41 J	0.14 J
Silver	2	180	NR	0.14 J	NR	0.42 U	0.4 U
Sodium	NS	NS	NR	88.3 J	NR	315	118
Thallium	NS	NS	NR	0.1 J	NR	0.087 J	0.054 J
Vanadium	NS	NS	NR	26	NR	19.6	14.8
Zinc	**109**	10,000	NR	95.9	NR	**1,310**	**150**

Table 4
Soil Analytical Results of Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-03_13-15_20220725	RI-SB-04_0-2_20220726	RI-SB-04_6-8_20220726	RI-SB-04_13-15_20220726	RI-SB-X_13-15_20220726
		Laboratory Sample ID	460-262562-9	460-262621-1	460-262621-2	460-262621-3	460-262621-4
		Date Sampled	7/25/2022	7/26/2022	7/26/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	2,640	3,950	4,830	3,260	3,480
Antimony	NS	NS	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U
Arsenic	13	16	1.1	1.5	2.4	1.1 J	1.5
Barium	**350**	400	22.3	24.4	34.9	22.5	26.7
Beryllium	7.2	72	0.17 J	0.2 J	0.26 J	0.2 J	0.43 J
Cadmium	**2.5**	4.3	0.3 J	1.1 U	1.1 U	1.2 U	1.2 U
Calcium	NS	NS	270	4,440	5,170	841 J	1,330 J
Chromium, Hexavalent	1	110	2.3 U	2.2 U	2.4 U	2.4 U	2.5 U
Chromium, Total	NS	NS	9	10	15.1	16.3	18.5
Cobalt	NS	NS	2.7	4.2	5.2	3	4.1
Copper	**50**	270	7.4	13.5	14.4	9.1	12.6
Cyanide	27	27	0.26 U	0.24 U	0.24 U	0.26 U	0.27 U
Iron	NS	NS	12,600	15,900	20,700	14,600 J	21,800 J
Lead	**63**	400	1.8	23.9	15.5	6.1	9.2
Magnesium	NS	NS	921	1,430	1,900	1,060	1,060
Manganese	1,600	2,000	208	283	346	213	345
Mercury	**0.18**	0.81	0.017 U	0.02	0.057	0.015 J	0.039 J
Nickel	**30**	310	6.2	8.8	10.9	7.4	8.9
Potassium	NS	NS	391	508	900	442	453
Selenium	3.9	180	1.4 U	0.16 J	1.4 U	1.5 U	1.5 U
Silver	2	180	0.45 U	0.42 U	0.45 U	0.47 U	0.5 U
Sodium	NS	NS	59.7 J	165	286	97.9 J	116 J
Thallium	NS	NS	0.45 U	0.05 J	0.055 J	0.47 U	0.059 J
Vanadium	NS	NS	12.1	14.2	19.1	15.6	20.2
Zinc	**109**	10,000	56.6	23	23.1	14.6	19.1

Table 4
Soil Analytical Results of Metals
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		AKRF Sample ID	RI-SB-05_0-2_20220726	RI-SB-05_0-2_20220726	RI-SB-05_5-7_20220726	RI-SB-05_13-15_20220726	RI-SB-06_0-2_20220727
		Laboratory Sample ID	460-262621-10	460-262621-10	460-262621-11	460-262621-12	460-262706-1
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/26/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	5	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,530	NR	5,870	1,600	4,910
Antimony	NS	NS	0.15 J	NR	0.18 J	0.96 U	0.2 J
Arsenic	13	16	3.3	NR	3.1	0.8 J	2.2
Barium	**350**	400	72.4	NR	61.9	19.9	33
Beryllium	7.2	72	0.4 J	NR	0.36 J	0.094 J	0.25 J
Cadmium	**2.5**	4.3	0.18 J	NR	0.2 J	0.96 U	0.98 U
Calcium	NS	NS	11,600	NR	3,620	1,110	2,110
Chromium, Hexavalent	1	110	2.1 U	NR	2.1 U	2 U	2 U
Chromium, Total	NS	NS	17.5	NR	13.1	5.4	12.8
Cobalt	NS	NS	5.4	NR	6	1.8 J	4.4
Copper	**50**	270	27.9	NR	47.5	8	12.2
Cyanide	27	27	0.13 J	NR	0.22 U	0.24 U	0.23 U
Iron	NS	NS	17,700	NR	17,500	6,670	18,300
Lead	**63**	400	**104**	NR	**138**	36.7	35
Magnesium	NS	NS	1,910	NR	1,260	481	1,350
Manganese	1,600	2,000	356	NR	366	204	292
Mercury	**0.18**	0.81	NR	**3**	**0.48**	0.084	0.027
Nickel	**30**	310	11.6	NR	10.9	3.8	9.4
Potassium	NS	NS	621	NR	512	201	385
Selenium	3.9	180	0.36 J	NR	0.27 J	1.2 U	0.17 J
Silver	2	180	0.42 U	NR	0.38 U	0.38 U	0.39 U
Sodium	NS	NS	141	NR	75.1 J	95.7 U	99.5
Thallium	NS	NS	0.086 J	NR	0.092 J	0.38 U	0.055 J
Vanadium	NS	NS	21	NR	17.3	6.3	17
Zinc	**109**	10,000	78.5	NR	95.6	15.5	22.2

Table 4
Soil Analytical Results of Metals
Jamaica Works - Remedial Investigation
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		AKRF Sample ID	RI-SB-06_4-6_20220727	RI-SB-X_4-6_20220727	RI-SB-06_13-15_20220727	RI-SB-07_0-2_20220725	RI-SB-07_6-8_20220725
		Laboratory Sample ID	460-262706-2	460-262706-4	460-262706-3	460-262562-10	460-262562-11
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,820	4,390	4,690	3,310	2,670
Antimony	NS	NS	0.14 J	0.15 J	0.17 JL	0.94 U	1 U
Arsenic	13	16	1.5 J	3.1 J	2.8	1.7	1.1
Barium	**350**	400	34.9	36.1	52.5 J	31.9	19.1
Beryllium	7.2	72	0.18 J	0.24 J	0.32 J	0.23 J	0.15 J
Cadmium	**2.5**	4.3	0.95 U	0.96 U	1 UJ	0.94 U	1 U
Calcium	NS	NS	886	819	2,250	5,370	284
Chromium, Hexavalent	1	110	2 U	2 U	2 U	2 U	2 U
Chromium, Total	NS	NS	12	13.3	13.4	11	9.4
Cobalt	NS	NS	4.1	4	5.4	4.6	3.2
Copper	**50**	270	13.9	11.2	14.5	40.1	6.4
Cyanide	27	27	0.25 U	0.22 U	2.8	0.22 U	1.4
Iron	NS	NS	11,700	15,800	21,900 J	12,400	13,800
Lead	**63**	400	8.2 J	26.8 J	30 J	8.4	1.8
Magnesium	NS	NS	1,620	1,320	1,320 J	1,160	855
Manganese	1,600	2,000	209	305	681 J	252	230
Mercury	**0.18**	0.81	0.017 U	0.015 J	0.042	0.093	0.016 U
Nickel	**30**	310	13.8	9	10.6	11.2	6.2
Potassium	NS	NS	552	484	498	619	441
Selenium	3.9	180	1.2 U	0.17 J	0.16 J	1.2 U	1.3 U
Silver	2	180	0.38 U	0.38 U	0.4 UJ	0.37 U	0.41 U
Sodium	NS	NS	130 J	95.9 U	66.7 JK	141	50.7 J
Thallium	NS	NS	0.042 J	0.066 J	0.09 J	0.054 J	0.41 U
Vanadium	NS	NS	14	17.5	18.8 J	13	13.9
Zinc	**109**	10,000	17.3	18.2	24.5	14	12

Table 4
Soil Analytical Results of Metals
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		AKRF Sample ID	RI-SB-07_13-15_20220725	RI-SB-08_0-2_20220728	RI-SB-08_5-7_20220728	RI-SB-08_13-15_20220728	RI-SB-09_0-2_20220726
		Laboratory Sample ID	460-262562-12	460-262775-1	460-262775-2	460-262775-3	460-262621-7
		Date Sampled	7/25/2022	7/28/2022	7/28/2022	7/28/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	2,620	5,820	3,570	3,800	9,680
Antimony	NS	NS	1 U	0.14 J	0.94 U	0.17 J	16.9 JL
Arsenic	13	16	1.1	1.9	1.7	3.7	5.2
Barium	**350**	400	20	29.5	19.9	22.8	64.1
Beryllium	7.2	72	0.16 J	0.32 J	0.24 J	0.29 J	0.44
Cadmium	**2.5**	4.3	1 U	0.98 U	0.94 U	0.98 U	0.28 J
Calcium	NS	NS	671	2,630	356	1,040	8,420
Chromium, Hexavalent	1	110	2.1 U	2.1 U	2 U	1.9 U	2.1 U
Chromium, Total	NS	NS	12.6	13.1	11.1	14.9	18.5 JK
Cobalt	NS	NS	2.8	4.6	4.4	5.2	6.1
Copper	**50**	270	8.9	**63**	**50.8**	47.5	**106**
Cyanide	27	27	0.21 U	0.23 U	0.13 J	0.22 U	0.21
Iron	NS	NS	13,300	13,700	17,100	18,200	19,500
Lead	**63**	400	3.4	9.7	2.8	3.1	**853 J**
Magnesium	NS	NS	782	1,440	1,120	1,160	1,830 JL
Manganese	1,600	2,000	231	245	340	336	361
Mercury	**0.18**	0.81	0.027	0.016 U	0.017 U	0.016 U	NR
Nickel	**30**	310	6.4	9.7	8.9	10	16.5
Potassium	NS	NS	415	533	387	539	653 JL
Selenium	3.9	180	1.3 U	0.26 J	1.2 U	1.2 U	0.51 J
Silver	2	180	0.4 U	0.39 U	0.38 U	0.39 U	0.18 J
Sodium	NS	NS	106	52.6 J	47.1 J	67.7 J	101 J
Thallium	NS	NS	0.4 U	0.057 J	0.065 J	0.071 J	0.12 J
Vanadium	NS	NS	11.9	15.3	15.3	15.1	23.9
Zinc	**109**	10,000	19	18.9	14.2	16.5	**209**

Table 4
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		AKRF Sample ID	RI-SB-09_0-2_20220726	RI-SB-09_3-5_20220726	RI-SB-09_7-9_20220726	RI-SB-10_0-2_20220725	RI-SB-10_5-7_20220725
		Laboratory Sample ID	460-262621-7	460-262621-8	460-262621-9	460-262562-4	460-262562-5
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	10	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,300	3,790	6,070	2,720
Antimony	NS	NS	NR	0.17 J	0.93 U	4.4	0.84 U
Arsenic	13	16	NR	3.6	1.6	4.3	1.2
Barium	**350**	400	NR	43.8	16.2	75.4	18.7
Beryllium	7.2	72	NR	0.38 J	0.19 J	0.32 J	0.2 J
Cadmium	**2.5**	4.3	NR	0.14 J	0.15 J	0.62 J	0.84 U
Calcium	NS	NS	NR	569	393	18,800	387
Chromium, Hexavalent	1	110	NR	2.1 U	2 U	2.1 U	2.1 U
Chromium, Total	NS	NS	NR	15.5	9	13.5	7.2
Cobalt	NS	NS	NR	4.7	3.8	4	4
Copper	**50**	270	NR	49.6	10.3	**52.9**	9.9
Cyanide	27	27	NR	0.23 U	0.23 J	0.2 J	0.26 U
Iron	NS	NS	NR	20,300	13,600	15,600	16,400
Lead	**63**	400	NR	**477**	3.4	**365**	2.9
Magnesium	NS	NS	NR	1,350	1,220	1,280	1,050
Manganese	1,600	2,000	NR	346	237	194	264
Mercury	**0.18**	0.81	**2.4**	**0.43**	0.015 U	**0.5**	0.018 U
Nickel	**30**	310	NR	12	9.8	9.6	8
Potassium	NS	NS	NR	429	424	618	324
Selenium	3.9	180	NR	0.36 J	1.2 U	0.34 J	1 U
Silver	2	180	NR	0.41 U	0.37 U	0.1 J	0.34 U
Sodium	NS	NS	NR	103 U	47.4 J	183	48.5 J
Thallium	NS	NS	NR	0.081 J	0.046 J	0.066 J	0.038 J
Vanadium	NS	NS	NR	18.9	13.3	18.9	14.4
Zinc	**109**	10,000	NR	65.8	**161**	**215**	12.8

Table 4
Soil Analytical Results of Metals
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		AKRF Sample ID	RI-SB-10_13-15_20220725	RI-SB-11_0-2_20220725	RI-SB-11_0-2_20220725	RI-SB-11_5-7_20220725	RI-SB-11_13-15_20220725
		Laboratory Sample ID	460-262562-6	460-262562-1	460-262562-1	460-262562-2	460-262562-3
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	5	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	2,640	10,200	NR	3,010	3,300
Antimony	NS	NS	0.96 U	0.57 J	NR	0.8 U	0.76 U
Arsenic	13	16	0.78 J	3.8	NR	1.7	1.6
Barium	**350**	400	19.6	119	NR	18.1	26.8
Beryllium	7.2	72	0.12 J	0.48	NR	0.2 J	0.25 J
Cadmium	**2.5**	4.3	0.96 U	0.12 J	NR	0.8 U	0.76 U
Calcium	NS	NS	313	1,260	NR	2,360	522
Chromium, Hexavalent	1	110	2 U	2.2 U	NR	2 U	2 U
Chromium, Total	NS	NS	6.3	16	NR	10.1	15.4
Cobalt	NS	NS	2.7	5.4	NR	4.3	3.9
Copper	**50**	270	6.4	**68**	NR	11.4	12
Cyanide	27	27	0.22 U	0.27	NR	0.25 U	0.23 U
Iron	NS	NS	10,200	19,100	NR	15,900	17,900
Lead	**63**	400	2.2	**929**	NR	14.2	2.8
Magnesium	NS	NS	839	1,470	NR	918	929
Manganese	1,600	2,000	194	435	NR	236	285
Mercury	**0.18**	0.81	0.016 U	NR	**1.3**	0.027	0.016 U
Nickel	**30**	310	5.4	10.3	NR	7.7	9.6
Potassium	NS	NS	350	333	NR	326	316
Selenium	3.9	180	1.2 U	0.39 J	NR	0.13 J	0.96 U
Silver	2	180	0.38 U	0.34 U	NR	0.32 U	0.31 U
Sodium	NS	NS	46.4 J	122	NR	44.3 J	66.3 J
Thallium	NS	NS	0.38 U	0.1 J	NR	0.037 J	0.04 J
Vanadium	NS	NS	8.5	22.1	NR	12.7	20.4
Zinc	**109**	10,000	10.4	98.7	NR	51.3	14.4

Table 4
Soil Analytical Results of Metals
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		AKRF Sample ID	RI-SB-12_0-2_20240920	RI-SB-12_0-2_20240920	RI-SB-12_7-9_20240920	RI-SB-13_0-2_20240919	RI-SB-13_11-13_20240919
		Laboratory Sample ID	460-311866-1	460-311866-1	460-311866-2	460-311763-1	460-311763-2
		Date Sampled	9/20/2024	9/20/2024	9/20/2024	9/19/2024	9/19/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	3	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,940	NR	3,190	4,510	3,870
Antimony	NS	NS	0.41 J	NR	0.77 U	0.75 U	0.8 U
Arsenic	13	16	8.8	NR	1.4	2.1	1.8
Barium	**350**	400	105	NR	17.5	19.5	25.5
Beryllium	7.2	72	0.28 J	NR	0.17 JK	0.31	0.78
Cadmium	**2.5**	4.3	0.51 J	NR	0.77 U	0.75 U	0.8 U
Calcium	NS	NS	22,800	NR	509 JL	750	6,460
Chromium, Hexavalent	1	110	2 U	NR	2 U	2 U	2 U
Chromium, Total	NS	NS	19	NR	8.1 J	14.1	13.4
Cobalt	NS	NS	4.1	NR	3.1	4.5	2.9
Copper	**50**	270	**55**	NR	9.6 JL	**98.6**	**97.3**
Cyanide	27	27	0.91	NR	0.24 U	0.21 U	0.2 U
Iron	NS	NS	16,200	NR	12,300	22,800	39,300
Lead	**63**	400	**433**	NR	1.9	3.1	8.4
Magnesium	NS	NS	2,290	NR	1,090 JL	1,450	1,150
Manganese	1,600	2,000	256	NR	187	282	255
Mercury	**0.18**	0.81	NR	**1.3**	0.012 J	0.0085 J	NR
Nickel	**30**	310	12.6	NR	7.6 JL	10.2	6.6
Potassium	NS	NS	537	NR	445	577	457
Selenium	3.9	180	0.29 J	NR	0.97 U	0.23 J	0.14 J
Silver	2	180	0.3 U	NR	0.31 UJ	0.3 U	0.32 U
Sodium	NS	NS	348	NR	53.9 J	43.5 J	102
Thallium	NS	NS	0.046 J	NR	0.036 J	0.066 J	0.041 J
Vanadium	NS	NS	19.3	NR	13.4 JK	23	19.1
Zinc	**109**	10,000	**251**	NR	16.2 JL	17.8	37.6

Table 4
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		AKRF Sample ID	RI-SB-13_11-13_20240919	RI-SB-13_13-15_20240919	RI-SB-13_13-15_20240919	RI-SB-14_0-2_20240920	RI-SB-14_0-2_20240920
		Laboratory Sample ID	460-311763-2	460-311763-3	460-311763-3	460-311866-3	460-311866-3
		Date Sampled	9/19/2024	9/19/2024	9/19/2024	9/20/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	40	1	40	1	5
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	1,930	NR	10,400	NR
Antimony	NS	NS	NR	0.82 U	NR	3.7	NR
Arsenic	13	16	NR	0.77 J	NR	4.6	NR
Barium	**350**	400	NR	20.2	NR	46.8	NR
Beryllium	7.2	72	NR	0.081 J	NR	0.35	NR
Cadmium	**2.5**	4.3	NR	0.82 U	NR	0.63 J	NR
Calcium	NS	NS	NR	185	NR	6,340 J	NR
Chromium, Hexavalent	1	110	NR	2 U	NR	2.1 U	NR
Chromium, Total	NS	NS	NR	11.7	NR	22.5	NR
Cobalt	NS	NS	NR	1 J	NR	6	NR
Copper	**50**	270	NR	48	NR	**139**	NR
Cyanide	27	27	NR	0.21 U	NR	0.23	NR
Iron	NS	NS	NR	11,300	NR	22,900	NR
Lead	**63**	400	NR	1.3	NR	**248**	NR
Magnesium	NS	NS	NR	643	NR	2,470	NR
Manganese	1,600	2,000	NR	69.4	NR	322	NR
Mercury	**0.18**	0.81	**7**	NR	**10.3**	NR	**2.3**
Nickel	**30**	310	NR	4	NR	16.5	NR
Potassium	NS	NS	NR	332	NR	703	NR
Selenium	3.9	180	NR	1 U	NR	0.64 J	NR
Silver	2	180	NR	0.33 U	NR	0.087 J	NR
Sodium	NS	NS	NR	48.3 J	NR	195	NR
Thallium	NS	NS	NR	0.33 U	NR	0.1 J	NR
Vanadium	NS	NS	NR	11.6	NR	29.8	NR
Zinc	**109**	10,000	NR	7.4	NR	**271**	NR

Table 4
Soil Analytical Results of Metals
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		AKRF Sample ID	RI-SB-X_0-2_20240920	RI-SB-X_0-2_20240920	RI-SB-15_0-2_20240925	RI-SB-15_10-12_20240925	RI-SB-15_13-15_20240925
		Laboratory Sample ID	460-311866-4	460-311866-4	460-312172-1	460-312172-2	460-312172-3
		Date Sampled	9/20/2024	9/20/2024	9/25/2024	9/25/2024	9/25/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	5	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,590	NR	3,650	3,120	2,580
Antimony	NS	NS	2.6	NR	0.91 U	0.96 U	1 UJ
Arsenic	13	16	4	NR	1.7	1.4	0.8 J
Barium	**350**	400	55.7	NR	20.4	23.7	25.9
Beryllium	7.2	72	0.35	NR	0.25 J	0.22 J	0.17 J
Cadmium	**2.5**	4.3	0.63 J	NR	0.91 U	0.96 U	1 U
Calcium	NS	NS	12,500 J	NR	816	1,240	242
Chromium, Hexavalent	1	110	2 U	NR	2 U	2 U	2 U
Chromium, Total	NS	NS	19.6	NR	10.3	13.3	7.7
Cobalt	NS	NS	6.4	NR	4.3	3.6	2.3
Copper	**50**	270	**178**	NR	11.2	10.5	7.7
Cyanide	27	27	0.2	NR	0.42	0.15 J	0.24 U
Iron	NS	NS	23,500	NR	21,200	20,900	12,300
Lead	**63**	400	**324**	NR	10.6	3.7	1.8
Magnesium	NS	NS	2,620	NR	1,000	970	726
Manganese	1,600	2,000	523	NR	271	339	217
Mercury	**0.18**	0.81	NR	**2.2**	0.0079 J	0.016 U	0.016 J
Nickel	**30**	310	16.4	NR	8.5	8.5	5.6
Potassium	NS	NS	670	NR	407	485	333
Selenium	3.9	180	0.62 J	NR	0.14 J	1.2 U	1.3 U
Silver	2	180	0.093 J	NR	0.37 U	0.38 U	0.4 U
Sodium	NS	NS	204	NR	51.2 J	81.3 J	101 U
Thallium	NS	NS	0.1 J	NR	0.051 J	0.061 J	0.4 U
Vanadium	NS	NS	30	NR	15.3	13.3	10.7
Zinc	**109**	10,000	**254**	NR	60.3	16.2	55.9

Table 4
Soil Analytical Results of Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-DRAIN_1-1.5_20220727	RI-SB-DRAIN_1-1.5_20220727	RI-SB-DRAIN_1-1.5_20220727
		Laboratory Sample ID	460-262706-11	460-262706-11	460-262706-11
		Date Sampled	7/27/2022	7/27/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	3	5
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,860	NR	NR
Antimony	NS	NS	1.2	NR	NR
Arsenic	13	16	11.2	NR	NR
Barium	**350**	400	**436**	NR	NR
Beryllium	7.2	72	0.42	NR	NR
Cadmium	**2.5**	4.3	**5.9**	NR	NR
Calcium	NS	NS	7,360	NR	NR
Chromium, Hexavalent	1	110	NR	NR	NR
Chromium, Total	NS	NS	92.1	NR	NR
Cobalt	NS	NS	5.9	NR	NR
Copper	**50**	270	**201**	NR	NR
Cyanide	27	27	NR	NR	NR
Iron	NS	NS	NR	NR	93,000
Lead	**63**	400	**814**	NR	NR
Magnesium	NS	NS	1,990	NR	NR
Manganese	1,600	2,000	336	NR	NR
Mercury	**0.18**	0.81	NR	**1.1**	NR
Nickel	**30**	310	**49.2**	NR	NR
Potassium	NS	NS	1,500	NR	NR
Selenium	3.9	180	0.56 J	NR	NR
Silver	2	180	0.44	NR	NR
Sodium	NS	NS	357	NR	NR
Thallium	NS	NS	0.052 J	NR	NR
Vanadium	NS	NS	13.3	NR	NR
Zinc	**109**	10,000	**520**	NR	NR

Table 4
Soil Analytical Results of Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	FB_20220726	FB_20220727	RI-FB-S_20240919
		Laboratory Sample ID	460-262621-5	460-262706-5	460-311763-5
		Date Sampled	7/26/2022	7/27/2022	9/19/2024
		Unit	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	40 U	40 U	40 U
Antimony	NS	NS	2 U	2 U	2 U
Arsenic	13	16	2 U	2 U	2 U
Barium	**350**	400	4 U	4 U	4 U
Beryllium	7.2	72	0.8 U	0.8 U	0.8 U
Cadmium	**2.5**	4.3	2 U	2 U	2 U
Calcium	NS	NS	56 J	500 U	500 U
Chromium, Hexavalent	1	110	10 U	10 U	10 U
Chromium, Total	NS	NS	4 U	4 U	4 U
Cobalt	NS	NS	4 U	4 U	4 U
Copper	**50**	270	4 U	4 U	4 U
Cyanide	27	27	10 U	10 U	10 U
Iron	NS	NS	120 U	120 U	120 U
Lead	**63**	400	1.2 U	1.2 U	1.2 U
Magnesium	NS	NS	200 U	200 U	200 U
Manganese	1,600	2,000	8 U	8 U	8 U
Mercury	**0.18**	0.81	0.2 U	0.2 U	0.2 U
Nickel	**30**	310	4 U	4 U	4 U
Potassium	NS	NS	200 U	200 U	200 U
Selenium	3.9	180	2.5 U	2.5 U	2.5 U
Silver	2	180	2 U	2 U	2 U
Sodium	NS	NS	266 J	500 U	500 U
Thallium	NS	NS	0.8 U	0.8 U	0.8 U
Vanadium	NS	NS	4 U	4 U	4 U
Zinc	**109**	10,000	16 U	16 U	16 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-01_0-2_20220727	RI-SB-01_7-9_20220727	RI-SB-01_13-15_20220727	RI-SB-02_0-2_20220727	RI-SB-02_2-4_20220727
		Laboratory Sample ID	460-262706-8	460-262706-9	460-262706-10	460-262706-6	460-262706-7
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U
Total PCBs	0.1	1	0.067 U	0.068 U	0.068 U	0.069 U	0.069 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-03_0-2_20220725	RI-SB-03_5-7_20220725	RI-SB-03_13-15_20220725	RI-SB-04_0-2_20220726	RI-SB-04_6-8_20220726
		Laboratory Sample ID	460-262562-7	460-262562-8	460-262562-9	460-262621-1	460-262621-2
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U
Total PCBs	0.1	1	0.072 U	0.068 U	0.076 U	0.076 U	0.08 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-04_13-15_20220726	RI-SB-X_13-15_20220726	RI-SB-05_0-2_20220726	RI-SB-05_5-7_20220726	RI-SB-05_13-15_20220726
		Laboratory Sample ID	460-262621-3	460-262621-4	460-262621-10	460-262621-11	460-262621-12
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U
Total PCBs	0.1	1	0.083 U	0.084 U	0.072 U	0.069 U	0.069 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-06_0-2_20220727	RI-SB-06_4-6_20220727	RI-SB-X_4-6_20220727	RI-SB-06_13-15_20220727	RI-SB-07_0-2_20220725
		Laboratory Sample ID	460-262706-1	460-262706-2	460-262706-4	460-262706-3	460-262562-10
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U
Total PCBs	0.1	1	0.069 U	0.069 U	0.069 U	0.067 U	0.068 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-07_6-8_20220725	RI-SB-07_13-15_20220725	RI-SB-08_0-2_20220728	RI-SB-08_5-7_20220728	RI-SB-08_13-15_20220728
		Laboratory Sample ID	460-262562-11	460-262562-12	460-262775-1	460-262775-2	460-262775-3
		Date Sampled	7/25/2022	7/25/2022	7/28/2022	7/28/2022	7/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1221 (Aroclor 1221)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1232 (Aroclor 1232)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1242 (Aroclor 1242)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1248 (Aroclor 1248)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1254 (Aroclor 1254)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1260 (Aroclor 1260)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1262 (Aroclor 1262)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
PCB-1268 (Aroclor 1268)	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U
Total PCBs	0.1	1	0.069 U	0.069 U	0.069 U	0.068 U	0.067 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-09_0-2_20220726	RI-SB-09_3-5_20220726	RI-SB-09_7-9_20220726	RI-SB-10_0-2_20220725	RI-SB-10_5-7_20220725
		Laboratory Sample ID	460-262621-7	460-262621-8	460-262621-9	460-262562-4	460-262562-5
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U
Total PCBs	0.1	1	0.071 U	0.07 U	0.068 U	0.074 U	0.073 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-10_13-15_20220725	RI-SB-11_0-2_20220725	RI-SB-11_5-7_20220725	RI-SB-11_13-15_20220725	RI-SB-12_0-2_20240920
		Laboratory Sample ID	460-262562-6	460-262562-1	460-262562-2	460-262562-3	460-311866-1
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/25/2022	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U
Total PCBs	0.1	1	0.068 U	0.074 U	0.069 U	0.068 U	0.068 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-12_7-9_20240920	RI-SB-13_0-2_20240919	RI-SB-13_11-13_20240919	RI-SB-13_13-15_20240919	RI-SB-14_0-2_20240920
		Laboratory Sample ID	460-311866-2	460-311763-1	460-311763-2	460-311763-3	460-311866-3
		Date Sampled	9/20/2024	9/19/2024	9/19/2024	9/19/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U
Total PCBs	0.1	1	0.068 U	0.067 U	0.067 U	0.068 U	0.069 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-X_0-2_20240920	RI-SB-15_0-2_20240925	RI-SB-15_10-12_20240925	RI-SB-15_13-15_20240925
		Laboratory Sample ID	460-311866-4	460-312172-1	460-312172-2	460-312172-3
		Date Sampled	9/20/2024	9/25/2024	9/25/2024	9/25/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1248 (Aroclor 1248)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1260 (Aroclor 1260)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U
Total PCBs	0.1	1	0.068 U	0.067 U	0.067 U	0.067 U

Table 5
Soil Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	FB_20220726	FB_20220727	RI-FB-S_20240919
		Laboratory Sample ID	460-262621-5	460-262706-5	460-311763-5
		Date Sampled	7/26/2022	7/27/2022	9/19/2024
		Unit	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.4 U	0.4 U	0.4 U
Total PCBs	0.1	1	0.4 U	0.4 U	0.4 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-01_0-2_20220727	RI-SB-01_7-9_20220727	RI-SB-01_13-15_20220727	RI-SB-02_0-2_20220727
		Laboratory Sample ID	460-262706-8	460-262706-9	460-262706-10	460-262706-6
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.002 U	0.002 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.002 U	0.002 U	0.0021 U
Beta Endosulfan	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
cis-Chlordane	0.094	4.2	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.002 U	0.002 U	0.0021 U
Dieldrin	0.005	0.2	0.002 U	0.002 U	0.002 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Endrin Aldehyde	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Endrin Ketone	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.002 U	0.002 U	0.0021 U
Heptachlor	0.042	2.1	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Heptachlor Epoxide	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Methoxychlor	NS	NS	0.0067 U	0.0068 U	0.0068 U	0.0069 U
P,P'-DDD	0.0033	13	0.0067 U	0.0068 U	0.0068 U	0.0069 U
P,P'-DDE	**0.0033**	8.9	0.0067 U	0.0068 U	0.0068 U	0.0069 U
P,P'-DDT	0.0033	7.9	0.0067 U	0.0068 U	0.0068 U	0.0069 U
Toxaphene	NS	NS	0.067 U	0.068 U	0.068 U	0.069 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-02_2-4_20220727	RI-SB-03_0-2_20220725	RI-SB-03_5-7_20220725	RI-SB-03_13-15_20220725
		Laboratory Sample ID	460-262706-7	460-262562-7	460-262562-8	460-262562-9
		Date Sampled	7/27/2022	7/25/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0022 U	0.002 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0022 U	0.002 U	0.0023 U
Beta Endosulfan	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
cis-Chlordane	0.094	4.2	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0022 U	0.002 U	0.0023 U
Dieldrin	0.005	0.2	0.0021 U	0.0022 U	0.002 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Endrin Aldehyde	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Endrin Ketone	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0022 U	0.002 U	0.0023 U
Heptachlor	0.042	2.1	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Heptachlor Epoxide	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Methoxychlor	NS	NS	0.0069 U	0.0072 U	0.0068 U	0.0076 U
P,P'-DDD	0.0033	13	0.0069 U	0.0072 U	0.0068 U	0.0076 U
P,P'-DDE	**0.0033**	8.9	0.0069 U	0.0072 U	0.0068 U	0.0076 U
P,P'-DDT	0.0033	7.9	0.0069 U	0.0072 U	0.0068 U	0.0076 U
Toxaphene	NS	NS	0.069 U	0.072 U	0.068 U	0.076 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-04_0-2_20220726	RI-SB-04_6-8_20220726	RI-SB-04_13-15_20220726	RI-SB-X_13-15_20220726
		Laboratory Sample ID	460-262621-1	460-262621-2	460-262621-3	460-262621-4
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0076 U	0.008 U	0.0083 U	0.0084 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0024 U	0.0025 U	0.0025 U
Alpha Endosulfan	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0024 U	0.0025 U	0.0025 U
Beta Endosulfan	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
cis-Chlordane	0.094	4.2	0.0076 U	0.008 U	0.0083 U	0.0084 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0024 U	0.0025 U	0.0025 U
Dieldrin	0.005	0.2	0.0023 U	0.0024 U	0.0025 U	0.0025 U
Endosulfan Sulfate	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0076 U	0.008 U	0.0083 U	0.0084 U
Endrin Aldehyde	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
Endrin Ketone	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0024 U	0.0025 U	0.0025 U
Heptachlor	0.042	2.1	0.0076 U	0.008 U	0.0083 U	0.0084 U
Heptachlor Epoxide	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
Methoxychlor	NS	NS	0.0076 U	0.008 U	0.0083 U	0.0084 U
P,P'-DDD	0.0033	13	0.0076 U	0.008 U	0.0083 U	0.0084 U
P,P'-DDE	**0.0033**	8.9	0.0076 U	0.008 U	0.0083 U	0.0084 U
P,P'-DDT	0.0033	7.9	0.0076 U	0.008 U	0.0083 U	0.0084 U
Toxaphene	NS	NS	0.076 U	0.08 U	0.083 U	0.084 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-05_0-2_20220726	RI-SB-05_5-7_20220726	RI-SB-05_13-15_20220726	RI-SB-06_0-2_20220727
		Laboratory Sample ID	460-262621-10	460-262621-11	460-262621-12	460-262706-1
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/27/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0021 U	0.002 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0021 U	0.002 U	0.0021 U
Beta Endosulfan	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
cis-Chlordane	0.094	4.2	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0021 U	0.002 U	0.0021 U
Dieldrin	0.005	0.2	0.0022 U	0.0021 U	0.002 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Endrin Aldehyde	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Endrin Ketone	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0021 U	0.002 U	0.0021 U
Heptachlor	0.042	2.1	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Heptachlor Epoxide	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Methoxychlor	NS	NS	0.0072 U	0.0069 U	0.0069 U	0.0069 U
P,P'-DDD	0.0033	13	0.0072 U	0.0069 U	0.0069 U	0.0069 U
P,P'-DDE	**0.0033**	8.9	0.0072 U	0.0069 U	0.0069 U	0.0069 U
P,P'-DDT	0.0033	7.9	0.0072 U	0.0069 U	0.0069 U	0.0069 U
Toxaphene	NS	NS	0.072 U	0.069 U	0.069 U	0.069 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-06_4-6_20220727	RI-SB-X_4-6_20220727	RI-SB-06_13-15_20220727	RI-SB-07_0-2_20220725
		Laboratory Sample ID	460-262706-2	460-262706-4	460-262706-3	460-262562-10
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.0021 U	0.002 U	0.002 U
Alpha Endosulfan	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.0021 U	0.002 U	0.002 U
Beta Endosulfan	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
cis-Chlordane	0.094	4.2	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.0021 U	0.002 U	0.002 U
Dieldrin	0.005	0.2	0.002 U	0.0021 U	0.002 U	0.002 U
Endosulfan Sulfate	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Endrin Aldehyde	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Endrin Ketone	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.0021 U	0.002 U	0.002 U
Heptachlor	0.042	2.1	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Heptachlor Epoxide	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Methoxychlor	NS	NS	0.0069 U	0.0069 U	0.0067 U	0.0068 U
P,P'-DDD	0.0033	13	0.0069 U	0.0069 U	0.0067 U	0.0068 U
P,P'-DDE	**0.0033**	8.9	0.0069 U	0.0069 U	0.0067 U	**0.0092**
P,P'-DDT	0.0033	7.9	0.0069 U	0.0069 U	0.0067 U	0.0068 U
Toxaphene	NS	NS	0.069 U	0.069 U	0.067 U	0.068 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-07_6-8_20220725	RI-SB-07_13-15_20220725	RI-SB-08_0-2_20220728	RI-SB-08_5-7_20220728
		Laboratory Sample ID	460-262562-11	460-262562-12	460-262775-1	460-262775-2
		Date Sampled	7/25/2022	7/25/2022	7/28/2022	7/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0021 U	0.0021 U	0.002 U
Alpha Endosulfan	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0021 U	0.0021 U	0.002 U
Beta Endosulfan	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
cis-Chlordane	0.094	4.2	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0021 U	0.0021 U	0.002 U
Dieldrin	0.005	0.2	0.0021 U	0.0021 U	0.0021 U	0.002 U
Endosulfan Sulfate	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Endrin Aldehyde	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Endrin Ketone	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0021 U	0.0021 U	0.002 U
Heptachlor	0.042	2.1	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Heptachlor Epoxide	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Methoxychlor	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0068 U
P,P'-DDD	0.0033	13	0.0069 U	0.0069 U	0.0069 U	0.0068 U
P,P'-DDE	**0.0033**	8.9	0.0069 U	0.0019 J	0.0069 U	0.0068 U
P,P'-DDT	0.0033	7.9	0.0069 U	0.0069 U	0.0069 U	0.0068 U
Toxaphene	NS	NS	0.069 U	0.069 U	0.069 U	0.068 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-08_13-15_20220728	RI-SB-09_0-2_20220726	RI-SB-09_3-5_20220726	RI-SB-09_7-9_20220726
		Laboratory Sample ID	460-262775-3	460-262621-7	460-262621-8	460-262621-9
		Date Sampled	7/28/2022	7/26/2022	7/26/2022	7/26/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0067 U	0.0071 U	0.007 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.0021 U	0.0021 U	0.002 U
Alpha Endosulfan	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.0021 U	0.0021 U	0.002 U
Beta Endosulfan	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
cis-Chlordane	0.094	4.2	0.0067 U	0.0071 U	0.007 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.0021 U	0.0021 U	0.002 U
Dieldrin	0.005	0.2	0.002 U	0.0021 U	0.0021 U	0.002 U
Endosulfan Sulfate	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0067 U	0.0071 U	0.007 U	0.0068 U
Endrin Aldehyde	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
Endrin Ketone	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.0021 U	0.0021 U	0.002 U
Heptachlor	0.042	2.1	0.0067 U	0.0071 U	0.007 U	0.0068 U
Heptachlor Epoxide	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
Methoxychlor	NS	NS	0.0067 U	0.0071 U	0.007 U	0.0068 U
P,P'-DDD	0.0033	13	0.0067 U	0.0071 U	0.007 U	0.0068 U
P,P'-DDE	**0.0033**	8.9	0.0067 U	0.0071 U	0.007 U	0.0068 U
P,P'-DDT	0.0033	7.9	0.0067 U	0.0071 U	0.007 U	0.0068 U
Toxaphene	NS	NS	0.067 U	0.071 U	0.07 U	0.068 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-10_0-2_20220725	RI-SB-10_5-7_20220725	RI-SB-10_13-15_20220725	RI-SB-11_0-2_20220725
		Laboratory Sample ID	460-262562-4	460-262562-5	460-262562-6	460-262562-1
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/25/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.002 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.002 U	0.0022 U
Beta Endosulfan	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
cis-Chlordane	0.094	4.2	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.002 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.002 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Endrin Ketone	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.002 U	0.0022 U
Heptachlor	0.042	2.1	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Methoxychlor	NS	NS	0.0074 U	0.0073 U	0.0068 U	0.0074 U
P,P'-DDD	0.0033	13	0.0074 U	0.0073 U	0.0068 U	0.0074 U
P,P'-DDE	**0.0033**	8.9	0.0074 U	0.0073 U	0.0068 U	0.0074 U
P,P'-DDT	0.0033	7.9	0.0074 U	0.0073 U	0.0068 U	0.0074 U
Toxaphene	NS	NS	0.074 U	0.073 U	0.068 U	0.074 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-11_5-7_20220725	RI-SB-11_13-15_20220725	RI-SB-12_0-2_20240920	RI-SB-12_7-9_20240920
		Laboratory Sample ID	460-262562-2	460-262562-3	460-311866-1	460-311866-2
		Date Sampled	7/25/2022	7/25/2022	9/20/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.002 U	0.002 U	0.002 U
Alpha Endosulfan	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.002 U	0.002 U	0.002 U
Beta Endosulfan	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
cis-Chlordane	0.094	4.2	0.0069 U	0.0068 U	0.0036 J	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.002 U	0.002 U	0.002 U
Dieldrin	0.005	0.2	0.002 U	0.002 U	0.002 U	0.002 U
Endosulfan Sulfate	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Endrin Aldehyde	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Endrin Ketone	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.002 U	0.002 U	0.002 U
Heptachlor	0.042	2.1	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Heptachlor Epoxide	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
Methoxychlor	NS	NS	0.0069 U	0.0068 U	0.0068 U	0.0068 U
P,P'-DDD	0.0033	13	0.0069 U	0.0068 U	0.0068 U	0.0068 U
P,P'-DDE	**0.0033**	8.9	0.0069 U	0.0068 U	0.0068 U	0.0068 U
P,P'-DDT	0.0033	7.9	0.0069 U	0.0068 U	0.0031 J	0.0068 U
Toxaphene	NS	NS	0.069 U	0.068 U	0.068 U	0.068 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-13_0-2_20240919	RI-SB-13_11-13_20240919	RI-SB-13_13-15_20240919	RI-SB-14_0-2_20240920
		Laboratory Sample ID	460-311763-1	460-311763-2	460-311763-3	460-311866-3
		Date Sampled	9/19/2024	9/19/2024	9/19/2024	9/20/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0067 U	0.0067 U	0.075 U	0.0069 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.002 U	0.022 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.002 U	0.022 U	0.0021 U
Beta Endosulfan	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
cis-Chlordane	0.094	4.2	0.0067 U	0.0067 U	0.075 U	0.0069 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.002 U	0.022 U	0.0021 U
Dieldrin	0.005	0.2	0.002 U	0.002 U	0.022 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0067 U	0.0067 U	0.075 U	0.0069 U
Endrin Aldehyde	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
Endrin Ketone	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.002 U	0.022 U	0.0021 U
Heptachlor	0.042	2.1	0.0067 U	0.0067 U	0.075 U	0.0069 U
Heptachlor Epoxide	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
Methoxychlor	NS	NS	0.0067 U	0.0067 U	0.075 U	0.0069 U
P,P'-DDD	0.0033	13	0.0067 U	0.0067 U	0.075 U	0.0069 U
P,P'-DDE	**0.0033**	8.9	0.0067 U	0.0067 U	0.075 U	0.0069 U
P,P'-DDT	0.0033	7.9	0.0067 U	0.0067 U	0.075 U	0.0069 U
Toxaphene	NS	NS	0.067 U	0.067 U	0.75 U	0.069 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-X_0-2_20240920	RI-SB-15_0-2_20240925	RI-SB-15_10-12_20240925	RI-SB-15_13-15_20240925
		Laboratory Sample ID	460-311866-4	460-312172-1	460-312172-2	460-312172-3
		Date Sampled	9/20/2024	9/25/2024	9/25/2024	9/25/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.002 U	0.002 U	0.002 U
Alpha Endosulfan	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.002 U	0.002 U	0.002 U
Beta Endosulfan	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
cis-Chlordane	0.094	4.2	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.002 U	0.002 U	0.002 U
Dieldrin	0.005	0.2	0.002 U	0.002 U	0.002 U	0.002 U
Endosulfan Sulfate	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Endrin Aldehyde	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Endrin Ketone	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.002 U	0.002 U	0.002 U
Heptachlor	0.042	2.1	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Heptachlor Epoxide	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Methoxychlor	NS	NS	0.0068 U	0.0067 U	0.0067 U	0.0067 U
P,P'-DDD	0.0033	13	0.0068 U	0.0067 U	0.0067 U	0.0067 U
P,P'-DDE	**0.0033**	8.9	0.0068 U	0.0067 U	0.0067 U	0.0067 U
P,P'-DDT	0.0033	7.9	0.0068 U	0.0067 U	0.0067 U	0.0067 U
Toxaphene	NS	NS	0.068 U	0.067 U	0.067 U	0.067 U

Table 6
Soil Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	FB_20220726	FB_20220727	RI-FB-S_20240919
		Laboratory Sample ID	460-262621-5	460-262706-5	460-311763-5
		Date Sampled	7/26/2022	7/27/2022	9/19/2024
		Unit	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	NS	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	NS	0.02 U	0.02 U	0.02 U
cis-Chlordane	0.094	4.2	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.02 U	0.02 U	0.02 U
Dieldrin	0.005	0.2	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	NS	0.02 U	0.02 U	0.02 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U
Endrin	0.014	11	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	NS	NS	0.02 U	0.02 U	0.02 U
Endrin Ketone	NS	NS	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3	0.02 U	0.02 U	0.02 U
Heptachlor	0.042	2.1	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS	0.02 U	0.02 U	0.02 U
Methoxychlor	NS	NS	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.0033	13	0.02 U	0.02 U	0.02 U
P,P'-DDE	**0.0033**	8.9	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.0033	7.9	0.02 U	0.02 U	0.02 U
Toxaphene	NS	NS	0.5 U	0.5 U	0.5 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-01_0-2_20220727	RI-SB-01_7-9_20220727	RI-SB-01_13-15_20220727	RI-SB-02_0-2_20220727	RI-SB-02_2-4_20220727
		Laboratory Sample ID	460-262714-8	460-262714-9	460-262714-10	460-262714-6	460-262714-7
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022
		Dilution Factor	1	1	1	1	5
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	NS	1.98 U	2.16 U	1.95 U	2.03 U	10.1 U
8:2 Fluorotelomer sulfonate	NS	NS	1.98 U	2.16 U	1.95 U	2.03 U	10.1 UJ
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.98 U	2.16 U	1.95 U	0.14 J	10.1 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.98 U	2.16 U	1.95 U	2.03 U	10.1 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorobutanoic acid	NS	NS	0.49 U	0.54 U	0.49 U	0.51 U	2.52 U
Perfluorodecanesulfonic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorodecanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.031 J	1.01 U
Perfluorododecanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluoroheptanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorohexanesulfonic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorohexanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.25	2.11 J
Perfluorononanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorooctanesulfonamide	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.2 U	0.22 U	0.19 U	0.12 J	1.01 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.2 U	0.22 U	0.19 U	0.99 U	2.49 U
Perfluoropentanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.12 J	1.25 J
Perfluoropentansulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluorotridecanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U
Perfluoroundecanoic acid	NS	NS	0.2 U	0.22 U	0.19 U	0.2 U	1.01 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-03_0-2_20220725	RI-SB-03_5-7_20220725	RI-SB-03_13-15_20220725	RI-SB-04_0-2_20220726	RI-SB-04_6-8_20220726
		Laboratory Sample ID	460-262620-7	460-262620-8	460-262620-9	460-262621-1	460-262621-2
		Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/26/2022	7/26/2022
		Dilution Factor	1	1	1	1	1
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	NS	1.98 U	1.99 U	2 U	2.24 U	2.36 U
8:2 Fluorotelomer sulfonate	NS	NS	1.98 U	1.99 U	2 U	2.24 U	2.36 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.98 U	1.99 U	2 U	2.24 U	2.36 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.98 U	1.99 U	2 U	2.24 U	2.36 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorobutanoic acid	NS	NS	0.5 U	0.5 U	0.5 U	0.56 U	0.59 U
Perfluorodecanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorodecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorododecanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluoroheptanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorohexanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorohexanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.07 J
Perfluorononanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.2 U	0.2 U	0.2 U	0.22 U	0.092 J
Perfluoropentanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.21 J
Perfluoropentansulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluorotridecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
Perfluoroundecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

			AKRF Sample ID	RI-SB-04_13-15_20220726	RI-SB-X_13-15_20220726	RI-SB-05_0-2_20220726	RI-SB-05_5-7_20220726	RI-SB-05_13-15_20220726
			Laboratory Sample ID	460-262621-3	460-262621-4	460-262621-10	460-262621-11	460-262621-12
			Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/26/2022	7/26/2022
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS		NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS		NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS		NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NS		NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NS		NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS		NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	NS		2.35 U	2.53 U	2.16 U	2.03 U	2.03 U
8:2 Fluorotelomer sulfonate	NS	NS		2.35 U	2.53 U	2.16 U	2.03 U	2.03 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS		NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NS		NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NS		NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS		2.35 U	2.53 U	2.16 U	2.03 U	2.03 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS		NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NS		NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS		2.35 U	2.53 U	2.16 U	2.03 U	2.03 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS		NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS		NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS		NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NS		NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NS		NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorobutanoic acid	NS	NS		0.59 U	0.63 U	0.54 U	0.51 U	0.51 U
Perfluorodecanesulfonic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorodecanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorododecanesulfonic acid	NS	NS		NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluoroheptanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorohexanoic acid	NS	NS		0.12 J	0.25 U	0.22 U	0.2 U	0.057 J
Perfluorononanesulfonic acid	NS	NS		NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorooctanesulfonamide	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorooctanoic acid (PFOA)	**0.66**	33		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluoropentanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluoropentansulfonic acid	NS	NS		NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluorotridecanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U
Perfluoroundecanoic acid	NS	NS		0.23 U	0.25 U	0.22 U	0.2 U	0.2 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-06_0-2_20220727	RI-SB-06_4-6_20220727	RI-SB-X_4-6_20220727	RI-SB-06_13-15_20220727	RI-SB-07_0-2_20220725
		Laboratory Sample ID	460-262714-1	460-262714-2	460-262714-4	460-262714-3	460-262620-10
		Date Sampled	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/25/2022
		Dilution Factor	1	1	1	1	1
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	NS	1.95 U	2.02 U	2.02 U	1.91 U	1.92 U
8:2 Fluorotelomer sulfonate	NS	NS	1.95 U	2.02 U	2.02 U	1.91 U	1.92 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.95 U	2.02 U	2.02 U	1.91 U	1.92 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.95 U	2.02 U	2.02 U	1.91 U	1.92 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorobutanoic acid	NS	NS	0.49 U	0.51 U	0.51 U	0.48 U	0.48 U
Perfluorodecanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorodecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorododecanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluoroheptanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorohexanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorohexanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorononanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluoropentanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluoropentansulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluorotridecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Perfluoroundecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-07_6-8_20220725	RI-SB-07_13-15_20220725	RI-SB-08_0-2_20220728	RI-SB-08_5-7_20220728	RI-SB-08_13-15_20220728
		Laboratory Sample ID	460-262620-11	460-262620-12	460-262775-1	460-262775-2	460-262775-3
		Date Sampled	7/25/2022	7/25/2022	7/28/2022	7/28/2022	7/28/2022
		Dilution Factor	1	1	1	1	1
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	NS	1.94 U	2.15 U	2.05 U	2.01 U	1.97 U
8:2 Fluorotelomer sulfonate	NS	NS	1.94 U	2.15 U	2.05 U	2.01 U	1.97 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.94 U	2.15 U	2.05 U	2.01 U	1.97 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.94 U	2.15 U	2.05 U	2.01 U	1.97 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorobutanoic acid	NS	NS	0.49 U	0.54 U	0.51 U	0.5 U	0.49 U
Perfluorodecanesulfonic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorodecanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorododecanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluoroheptanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorohexanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorononanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorooctanesulfonamide	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluoropentanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluoropentansulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluorotridecanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U
Perfluoroundecanoic acid	NS	NS	0.19 U	0.22 U	0.2 U	0.2 U	0.2 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-09_0-2_20220726	RI-SB-09_3-5_20220726	RI-SB-09_7-9_20220726	RI-SB-10_0-2_20220725	RI-SB-10_5-7_20220725
		Laboratory Sample ID	460-262621-7	460-262621-8	460-262621-9	460-262620-4	460-262620-5
		Date Sampled	7/26/2022	7/26/2022	7/26/2022	7/25/2022	7/25/2022
		Dilution Factor	1	1	1	1	1
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NS	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.1 U	1.97 U	1.91 U	2 U
8:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.1 U	1.97 U	1.91 U	2 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.1 U	1.97 U	1.91 U	2 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.1 U	1.97 U	1.91 U	2 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorobutanoic acid	NS	NS	0.52 U	0.52 U	0.49 U	0.48 U	0.5 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorododecanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorononanesulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorooctanesulfonamide	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluoropentanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluoropentansulfonic acid	NS	NS	NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

			AKRF Sample ID	RI-SB-10_13-15_20220725	RI-SB-11_0-2_20220725	RI-SB-11_5-7_20220725	RI-SB-11_13-15_20220725	RI-SB-12_0-2_20240920
			Laboratory Sample ID	460-262620-6	460-262620-1	460-262620-2	460-262620-3	460-311875-1
			Date Sampled	7/25/2022	7/25/2022	7/25/2022	7/25/2022	9/20/2024
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS		NR	NR	NR	NR	0.69 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS		NR	NR	NR	NR	0.69 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS		NR	NR	NR	NR	4.32 U
3-Perfluoroheptyl propanoic acid	NS	NS		NR	NR	NR	NR	4.32 U
3-Perfluoropropyl propanoic acid	NS	NS		NR	NR	NR	NR	0.86 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS		NR	NR	NR	NR	0.69 U
6:2 Fluorotelomer sulfonate	NS	NS		1.95 U	1.91 U	2.07 U	1.93 U	0.69 U
8:2 Fluorotelomer sulfonate	NS	NS		1.95 U	1.91 U	2.07 U	1.93 U	0.69 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS		NR	NR	NR	NR	0.69 U
Hexafluoropropylene oxide dimer acid	NS	NS		NR	NR	NR	NR	0.69 U
N-ethyl perfluorooctanesulfonamide	NS	NS		NR	NR	NR	NR	0.17 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS		1.95 U	1.91 U	2.07 U	1.93 U	0.17 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS		NR	NR	NR	NR	1.73 U
N-methyl perfluorooctanesulfonamide	NS	NS		NR	NR	NR	NR	0.17 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS		1.95 U	1.91 U	2.07 U	1.93 U	0.17 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS		NR	NR	NR	NR	1.73 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS		NR	NR	NR	NR	0.35 UJ
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS		NR	NR	NR	NR	0.35 U
Perfluoro-3-methoxypropanoic acid	NS	NS		NR	NR	NR	NR	0.35 U
Perfluoro-4-methoxybutanoic acid	NS	NS		NR	NR	NR	NR	0.35 U
Perfluorobutanesulfonic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorobutanoic acid	NS	NS		0.49 U	0.48 U	0.52 U	0.48 U	0.69 U
Perfluorodecanesulfonic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorodecanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorododecanesulfonic acid	NS	NS		NR	NR	NR	NR	0.17 U
Perfluorododecanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluoroheptanesulfonic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluoroheptanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorohexanesulfonic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorohexanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorononanesulfonic acid	NS	NS		NR	NR	NR	NR	0.17 U
Perfluorononanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorooctanesulfonamide	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluorooctanoic acid (PFOA)	**0.66**	33		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluoropentanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.35 U
Perfluoropentansulfonic acid	NS	NS		NR	NR	NR	NR	0.17 U
Perfluorotetradecanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 UJ
Perfluorotridecanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U
Perfluoroundecanoic acid	NS	NS		0.2 U	0.19 U	0.21 U	0.19 U	0.17 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-12_7-9_20240920	RI-SB-13_0-2_20240919	RI-SB-13_11-13_20240919	RI-SB-13_13-15_20240919	RI-SB-14_0-2_20240920
		Laboratory Sample ID	460-311875-2	460-311769-1	460-311769-2	460-311769-3	460-311875-3
		Date Sampled	9/20/2024	9/19/2024	9/19/2024	9/19/2024	9/20/2024
		Dilution Factor	1	1	1	1	1
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.27 U	4.27 U	4.19 U	4.27 U	4.41 U
3-Perfluoroheptyl propanoic acid	NS	NS	4.27 U	4.27 U	4.19 U	4.27 U	4.41 U
3-Perfluoropropyl propanoic acid	NS	NS	0.85 U	0.85 U	0.84 U	0.85 U	0.88 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
6:2 Fluorotelomer sulfonate	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
8:2 Fluorotelomer sulfonate	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
Hexafluoropropylene oxide dimer acid	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.71 U	1.71 U	1.68 U	1.71 U	1.77 U
N-methyl perfluorooctanesulfonamide	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.71 U	1.71 U	1.68 U	1.71 U	1.77 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.34 UJ	0.34 U	0.34 U	0.34 U	0.35 UJ
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Perfluorobutanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorobutanoic acid	NS	NS	0.68 U	0.68 U	0.67 U	0.68 U	0.71 U
Perfluorodecanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorodecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorododecanesulfonic acid	NS	NS	0.17 U	0.17 UJ	0.17 UJ	0.17 UJ	0.18 U
Perfluorododecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluoroheptanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluoroheptanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorohexanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorohexanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.064 J
Perfluorononanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorononanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorooctanesulfonamide	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.17 U	0.19 J	0.17 U	0.17 U	0.097 J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.17 U	0.057 J	0.052 J	0.05 J	0.092 J
Perfluoropentanoic acid	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Perfluoropentansulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluorotetradecanoic acid	NS	NS	0.17 UJ	0.17 U	0.17 U	0.17 U	0.18 UJ
Perfluorotridecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
Perfluoroundecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	RI-SB-X_0-2_20240920	RI-SB-15_0-2_20240925	RI-SB-15_10-12_20240925	RI-SB-15_13-15_20240925	RI-SB-DRAIN_1-1.5_20220727
		Laboratory Sample ID	460-311875-4	460-312218-1	460-312218-2	460-312218-3	460-262714-11
		Date Sampled	9/20/2024	9/25/2024	9/25/2024	9/25/2024	7/27/2022
		Dilution Factor	1	1	1	1	10
		Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.26 U	4.33 U	4.17 U	5.46 U	NR
3-Perfluoroheptyl propanoic acid	NS	NS	4.26 U	4.33 U	4.17 U	5.46 U	NR
3-Perfluoropropyl propanoic acid	NS	NS	0.85 U	0.87 U	0.83 U	1.09 U	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	NR
6:2 Fluorotelomer sulfonate	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	20.5 UJ
8:2 Fluorotelomer sulfonate	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	20.5 UJ
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	NR
Hexafluoropropylene oxide dimer acid	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	20.5 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.7 U	1.73 U	1.67 U	2.18 U	NR
N-methyl perfluorooctanesulfonamide	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	20.5 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.7 U	1.73 U	1.67 U	2.18 U	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.34 UJ	0.35 U	0.33 U	0.44 U	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.34 U	0.35 U	0.33 U	0.44 U	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	0.34 U	0.35 U	0.33 U	0.44 U	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	0.34 U	0.35 U	0.33 U	0.44 U	NR
Perfluorobutanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluorobutanoic acid	NS	NS	0.68 U	0.69 U	0.67 U	0.87 U	5.12 U
Perfluorodecanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	0.58 J
Perfluorodecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluorododecanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	NR
Perfluorododecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	0.35 J
Perfluoroheptanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluoroheptanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluorohexanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluorohexanoic acid	NS	NS	0.053 J	0.17 U	0.17 U	0.22 U	3.11 J
Perfluorononanesulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	NR
Perfluorononanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluorooctanesulfonamide	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 UJ
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.091 J	0.11 J	0.068 J	0.22 U	2.05 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.096 J	0.052 J	0.17 U	0.22 U	**1.55 J**
Perfluoropentanoic acid	NS	NS	0.14 J	0.35 U	0.33 U	0.44 U	2.05 U
Perfluoropentansulfonic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	NR
Perfluorotetradecanoic acid	NS	NS	0.17 UJ	0.17 U	0.17 U	0.22 U	2.05 U
Perfluorotridecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	2.05 U
Perfluoroundecanoic acid	NS	NS	0.17 U	0.17 U	0.17 U	0.22 U	0.54 J

Table 7
Soil Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

		AKRF Sample ID	FB_20220726	FB_20220727	RI-FB_S_20240919
		Laboratory Sample ID	460-262621-5	460-262714-5	460-311769-4
		Date Sampled	7/26/2022	7/27/2022	9/19/2024
		Dilution Factor	1	1	1
		Unit	ug/l	ug/l	ug/l
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	NR	0.00646 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NR	NR	0.00646 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	NR	0.0403 U
3-Perfluoroheptyl propanoic acid	NS	NS	NR	NR	0.0403 U
3-Perfluoropropyl propanoic acid	NS	NS	NR	NR	0.00807 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	NR	0.00646 U
6:2 Fluorotelomer sulfonate	NS	NS	0.00404 U	0.00409 U	0.00646 U
8:2 Fluorotelomer sulfonate	NS	NS	0.00161 U	0.00164 U	0.00646 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	NR	0.00646 U
Hexafluoropropylene oxide dimer acid	NS	NS	NR	NR	0.00646 U
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	NR	0.00161 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.00404 U	0.00409 U	0.00161 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	0.0161 U
N-methyl perfluorooctanesulfonamide	NS	NS	NR	NR	0.00161 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.00404 U	0.00409 U	0.00161 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	NR	0.0161 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	NR	0.00323 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	NR	0.00323 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	NR	0.00323 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	NR	0.00323 U
Perfluorobutanesulfonic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorobutanoic acid	NS	NS	0.00404 U	0.00409 U	0.00646 U
Perfluorodecanesulfonic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorodecanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorododecanesulfonic acid	NS	NS	NR	NR	0.00161 U
Perfluorododecanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluoroheptanesulfonic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluoroheptanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorohexanesulfonic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorohexanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorononanesulfonic acid	NS	NS	NR	NR	0.00161 U
Perfluorononanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorooctanesulfonamide	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.00161 U	0.00164 U	0.00161 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.00161 U	0.00164 U	0.00161 U
Perfluoropentanoic acid	NS	NS	0.00161 U	0.00164 U	0.00323 U
Perfluoropentansulfonic acid	NS	NS	NR	NR	0.00161 U
Perfluorotetradecanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluorotridecanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U
Perfluoroundecanoic acid	NS	NS	0.00161 U	0.00164 U	0.00161 U

Table 8
Groundwater Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817	RI-MW-06_20241007
Laboratory Sample ID		460-264036-1	460-264036-2	460-264036-5	460-264036-3	460-264036-4	460-313022-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	0.46 J	1 U	1 U	0.49 J	1 U	1 U
Chloromethane	5	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	0.93 J	2	2	0.68 J	1.2	1.4
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	0.37 J	0.32 J	1 U	1 U	1 U	0.43 J
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U	2 U

Table 8
Groundwater Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-X_20241007	RI-MW-07_20241007	RI-FB-GW-01_20220817	RI-FB-GW_20241007	RI-TB-GW-01_20220817	RI-TB-GW_20241007
Laboratory Sample ID		460-313022-5	460-313022-3	460-264036-6	460-313022-2	460-264036-7	460-313022-1
Date Sampled		10/07/2024	10/07/2024	8/17/2022	10/07/2024	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 UJ	1 UJ	1 U	1 UJ	1 U	1 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 UJ	1 U	1 UJ	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 UJ	1 U	1 UJ	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 UJ	1 U	1 UJ	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	0.73 J	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1.5	1.6	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	0.41 J	0.42 J	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 UJ	1 U	1 UJ	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U	2 U

Table 9
Groundwater Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817	RI-MW-06_20241007
Laboratory Sample ID		460-264036-1	460-264036-2	460-264036-5	460-264036-3	460-264036-4	460-313022-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	**0.35**	**0.36**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U	20 UJ
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 UJ	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 U	2 U	2 U
Benzaldehyde	NS	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U	10 U	10 U	10 UJ
Carbazole	NS	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U

Table 9
Groundwater Analytical Results of Semivolatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-X_20241007	RI-MW-07_20241007	RI-FB-GW-01_20220817	RI-FB-GW_20241007
Laboratory Sample ID		460-313022-5	460-313022-3	460-264036-6	460-313022-2
Date Sampled		10/07/2024	10/07/2024	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	**0.35**	0.2 U	0.25	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 UJ	20 UJ	20 U	20 UJ
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 UJ	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 U
Benzaldehyde	NS	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U
Caprolactam	NS	10 UJ	10 UJ	10 U	10 UJ
Carbazole	NS	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U

Table 10
Groundwater Analytical Results of Total Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817
Laboratory Sample ID		460-264036-1	460-264036-2	460-264036-5	460-264036-3	460-264036-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	177	563	637	260	509
Antimony	3	2 U	2 U	2 U	2 U	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	87.9	84.2	91.1	71.6	38.1
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	1.4 J	1.4 J	2 U	2 U
Calcium	NS	60,800	80,100	83,100	70,900	47,200
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	4 U	1.3 J	1.5 J	4 U	1 J
Copper	200	4.8	4 U	4 U	4 U	4 U
Iron	**300**	248	**1,140**	**1,280**	**664**	**1,040**
Lead	25	0.92 J	1.4	1.9	1.2 U	1.5
Magnesium	35,000	8,450	17,600	18,200	11,700	5,150
Manganese	**300**	30.9	**381**	**399**	40.9	160
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	4 UJ	2.7 J	3.3 J	1.1 J	1.4 J
Potassium	NS	9,720	9,530	9,540	12,700	7,730
Selenium	10	0.67 J	1.3 J	1.1 J	1.3 J	1.8 J
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**123,000**	**210,000**	**211,000**	**146,000**	**95,000**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	1.2 J	1.3 J	4 U	1.1 J
Zinc	2,000	16 U	20.8	24.8	16 U	16 U

Table 10
Groundwater Analytical Results of Total Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-06_20241007	RI-MW-X_20241007	RI-MW-07_20241007	RI-FB-GW-01_20220817	RI-FB-GW_20241007
Laboratory Sample ID		460-313022-4	460-313022-5	460-313022-3	460-264036-6	460-313022-2
Date Sampled		10/07/2024	10/07/2024	10/07/2024	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	481	479	565	40 U	40 U
Antimony	3	2 U	2 U	2 U	2 U	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	107	107	141	4 U	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	65,100	63,700	53,500	500 U	500 U
Chromium, Total	50	3.1 J	2.9 J	3 J	4 U	4 U
Cobalt	NS	1.4 J	1.2 J	1.2 J	4 U	4 U
Copper	200	25.8	23.6	10.2 J	4 U	4 U
Iron	**300**	**1,310**	**1,220**	**1,160**	120 U	120 U
Lead	25	1.2 U	1.2 U	1 J	1.2 U	1.2 U
Magnesium	35,000	11,300	11,000	7,850	200 U	200 U
Manganese	**300**	**323**	290	179	8 U	8 U
Mercury	0.7	0.18 J	0.21	0.2	0.2 U	0.2 U
Nickel	100	3.2 J	2.8 J	4.3	4 U	4 U
Potassium	NS	10,700	10,600	9,450	200 U	200 U
Selenium	10	0.78 J	1.1 J	0.96 J	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**156,000**	**150,000**	**141,000**	500 U	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	0.83 J	0.71 J	0.85 J	4 U	4 U
Zinc	2,000	16 U	16 U	26.6	16 U	16 U

Table 11
Groundwater Analytical Results of Dissolved Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817
Laboratory Sample ID		460-264036-1	460-264036-2	460-264036-5	460-264036-3	460-264036-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U	40 U
Antimony	3	2 UJ	2 U	2 U	2 U	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	83.8	81.3	78.7	70.5	35.6
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	1.1 J	1.1 J	2 U	2 U
Calcium	NS	59,300	79,400	79,900	69,700	46,500
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	4 U	4 U	4 U	4 U	4 U
Copper	200	9.8 J	4 U	4 U	4 U	4 U
Iron	300	120 U	120 U	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35,000	8,680	18,900	18,500	12,100	5,220
Manganese	300	11.9 J	257	256	11.7	94.8
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	65.2 JL	1.1 J	1.2 J	4 U	4 U
Potassium	NS	9,640	9,460	9,580	12,900	7,630
Selenium	10	1 J	1.1 J	1.3 J	1.5 J	1.4 J
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**130,000**	**229,000**	**228,000**	**157,000**	**98,900**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	4 U	4 U
Zinc	2,000	16 U	15.2 J	15.3 J	16 U	16 U

Table 11
Groundwater Analytical Results of Dissolved Metals
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-06_20241007	RI-MW-X_20241007	RI-MW-07_20241007	RI-FB-GW-01_20220817
Laboratory Sample ID		460-313022-4	460-313022-5	460-313022-3	460-264036-6
Date Sampled		10/07/2024	10/07/2024	10/07/2024	8/17/2022
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U
Antimony	3	2 U	2 U	2 UJ	2 U
Arsenic	25	2 U	2 U	2 U	2 U
Barium	1,000	102	101	134	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U
Calcium	NS	63,800	62,400	54,400	500 U
Chromium, Total	50	4 U	4 U	4 U	4 U
Cobalt	NS	4 U	4 U	4 U	4 U
Copper	200	7.4	8.8	2.7 J	4 U
Iron	300	120 U	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35,000	11,100	11,000	8,010	200 U
Manganese	300	260	254	118	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	1.7 J	1.5 J	2.2 J	4 U
Potassium	NS	10,800	10,500	9,660	200 U
Selenium	10	0.84 J	0.79 J	1.2 J	2.5 U
Silver	50	2 U	2 U	2 U	2 U
Sodium	**20,000**	**149,000**	**147,000**	**143,000**	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	4 U
Zinc	2,000	16 U	16 U	24.3	16 U

Table 12
Groundwater Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817
Laboratory Sample ID		460-264036-1	460-264036-2	460-264036-5	460-264036-3	460-264036-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 12
Groundwater Analytical Results of Polychlorinated Biphenyls
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-06_20241007	RI-MW-X_20241007	RI-MW-07_20241007	RI-FB-GW-01_20220817	RI-FB-GW_20241007
Laboratory Sample ID		460-313022-4	460-313022-5	460-313022-3	460-264036-6	460-313022-2
Date Sampled		10/07/2024	10/07/2024	10/07/2024	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 13
Groundwater Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817
Laboratory Sample ID		460-264036-1	460-264036-2	460-264036-5	460-264036-3	460-264036-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 13
Groundwater Analytical Results of Pesticides
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-06_20241007	RI-MW-X_20241007	RI-MW-07_20241007	RI-FB-GW-01_20220817	RI-FB-GW_20241007
Laboratory Sample ID		460-313022-4	460-313022-5	460-313022-3	460-264036-6	460-313022-2
Date Sampled		10/07/2024	10/07/2024	10/07/2024	8/17/2022	10/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 14
Groundwater Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-01_20220817	RI-MW-03_20220817	RI-MW-X_20220817	RI-MW-04_20220817	RI-MW-05_20220817
Laboratory Sample ID		460-264021-1	460-264021-2	460-264021-5	460-264021-3	460-264021-4
Date Sampled		8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Unit		ng/l	ng/l	ng/l	ng/l	ng/l
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NR	NR	NR	NR	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NR	NR	NR	NR	NR
3-Perfluoroheptyl propanoic acid	NS	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NR	NR	NR	NR	NR
6:2 Fluorotelomer sulfonate	NS	1.79 J	4.31 U	4.64 U	5.25 U	24.5 U
8:2 Fluorotelomer sulfonate	NS	1.7 U	1.72 U	1.86 U	2.1 U	9.78 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NR	NR	NR	NR	NR
Hexafluoropropylene oxide dimer acid	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	4.24 U	4.31 U	4.64 U	5.25 U	24.5 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	4.24 U	4.31 U	4.64 U	5.25 U	24.5 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NR	NR	NR	NR	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	NR	NR	NR	NR	NR
Perfluoro-4-methoxybutanoic acid	NS	NR	NR	NR	NR	NR
Perfluorobutanesulfonic acid	NS	4.89	6.46	6.98	6.43	9.96
Perfluorobutanoic acid	NS	11.3	13.2	13	15.2	16.2 J
Perfluorodecanesulfonic acid	NS	1.7 U	1.72 U	1.86 U	2.1 U	9.78 U
Perfluorodecanoic acid	NS	0.44 J	1.72 U	1.86 U	1.04 J	9.78 U
Perfluorododecanesulfonic acid	NS	NR	NR	NR	NR	NR
Perfluorododecanoic acid	NS	1.7 U	1.72 U	1.86 U	2.1 U	9.78 U
Perfluoroheptanesulfonic acid	NS	0.64 J	0.71 J	0.9 J	0.73 J	9.78 U
Perfluoroheptanoic acid	NS	8.5	7.42	7.55	13.7	7 J
Perfluorohexanesulfonic acid	NS	4.39	7.58	7.44	5.97	3.9 J
Perfluorohexanoic acid	NS	12.1	13.9	14.2	24	18.7
Perfluorononanesulfonic acid	NS	NR	NR	NR	NR	NR
Perfluorononanoic acid	NS	2.5	5.04	4.9	3	2.79 J
Perfluorooctanesulfonamide	NS	1.7 U	1.72 U	1.86 U	1.01 J	9.78 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**20.6**	**33.7**	**33.2**	**27.2**	**26.7**
Perfluorooctanoic acid (PFOA)	**6.7**	**30.4**	**31.3**	**30**	**46.1**	**25.2**
Perfluoropentanoic acid	NS	16.9	17	17	31.2	23.9
Perfluoropentansulfonic acid	NS	NR	NR	NR	NR	NR
Perfluorotetradecanoic acid	NS	1.7 U	1.72 U	1.86 U	2.1 U	9.78 U
Perfluorotridecanoic acid	NS	1.7 UJ	1.72 U	1.86 U	2.1 U	9.78 U
Perfluoroundecanoic acid	NS	0.54 J	1.49 J	1.52 J	2.1 U	9.78 U

Table 14
Groundwater Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID		RI-MW-06_20241007	RI-MW-X_20241007	RI-MW-07_20241007	RI-EB-GW_20241007	RI-EB-GW-01_20220817
Laboratory Sample ID		460-313017-2	460-313017-3	460-313017-1	460-313017-4	460-264021-7
Date Sampled		10/07/2024	10/07/2024	10/07/2024	10/07/2024	8/17/2022
Unit		ng/l	ng/l	ng/l	ng/l	ng/l
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	6.82 U	8.73 U	6.97 U	6.74 U	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	6.82 U	8.73 U	6.97 U	6.74 U	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	42.6 U	54.5 U	43.6 U	42.1 U	NR
3-Perfluoroheptyl propanoic acid	NS	42.6 U	54.5 U	43.6 U	42.1 U	NR
3-Perfluoropropyl propanoic acid	NS	8.52 U	10.9 U	8.72 U	8.43 U	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	6.82 U	8.73 U	6.97 U	6.74 U	NR
6:2 Fluorotelomer sulfonate	NS	6.82 U	8.73 U	6.97 U	6.74 U	4.35 U
8:2 Fluorotelomer sulfonate	NS	6.82 U	8.73 U	6.97 U	6.74 U	1.74 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	6.82 U	8.73 U	6.97 U	6.74 U	NR
Hexafluoropropylene oxide dimer acid	NS	6.82 U	8.73 U	6.97 U	6.74 U	NR
N-ethyl perfluorooctanesulfonamide	NS	1.7 U	2.18 U	1.74 U	1.69 U	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	4.35 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	17 U	21.8 U	17.4 U	16.9 U	NR
N-methyl perfluorooctanesulfonamide	NS	1.7 U	2.18 U	1.74 U	1.69 U	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	4.35 U
N-methyl perfluorooctanesulfonamidoethanol	NS	17 U	21.8 U	17.4 U	16.9 U	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.41 U	4.36 U	3.49 U	3.37 U	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.41 U	4.36 U	3.49 U	3.37 U	NR
Perfluoro-3-methoxypropanoic acid	NS	3.41 U	4.36 U	3.49 U	3.37 U	NR
Perfluoro-4-methoxybutanoic acid	NS	3.41 U	4.36 U	3.49 U	3.37 U	NR
Perfluorobutanesulfonic acid	NS	4.71	5.37	7.38	1.69 U	1.74 U
Perfluorobutanoic acid	NS	8.5	9.64	13.6	6.74 U	4.35 U
Perfluorodecanesulfonic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U
Perfluorodecanoic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U
Perfluorododecanesulfonic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	NR
Perfluorododecanoic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U
Perfluoroheptanesulfonic acid	NS	0.47 J	2.18 U	0.48 J	1.69 U	1.74 U
Perfluoroheptanoic acid	NS	6.67	7.68	8.79	1.69 U	1.74 U
Perfluorohexanesulfonic acid	NS	4.38	5.18	4.21	1.69 U	1.74 U
Perfluorohexanoic acid	NS	14.1	15.5	18.6	1.69 U	1.74 U
Perfluorononanesulfonic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	NR
Perfluorononanoic acid	NS	2.08	2.44	3.01	1.69 U	1.74 U
Perfluorooctanesulfonamide	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**19.6**	**22.8**	**26.2**	1.69 U	1.74 U
Perfluorooctanoic acid (PFOA)	**6.7**	**35.9**	**38.1**	**37.3**	1.69 U	1.74 U
Perfluoropentanoic acid	NS	19.9	23.2	28.2	3.37 U	1.74 U
Perfluoropentansulfonic acid	NS	0.66 J	0.73 J	0.74 J	1.69 U	NR
Perfluorotetradecanoic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U
Perfluorotridecanoic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U
Perfluoroundecanoic acid	NS	1.7 U	2.18 U	1.74 U	1.69 U	1.74 U

Table 14
Groundwater Analytical Results of Per- and Polyfluoroalkyl Substances
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

	AKRF Sample ID	RI-FB-GW_20241007	RI-FB-GW-01_20220817
	Laboratory Sample ID	460-313017-5	460-264021-6
	Date Sampled	10/07/2024	8/17/2022
	Unit	ng/l	ng/l
	Dilution Factor	1	1
Compound	**AWQSGV**	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	7.32 U	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	7.32 U	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	45.7 U	NR
3-Perfluoroheptyl propanoic acid	NS	45.7 U	NR
3-Perfluoropropyl propanoic acid	NS	9.14 U	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	7.32 U	NR
6:2 Fluorotelomer sulfonate	NS	7.32 U	4.11 U
8:2 Fluorotelomer sulfonate	NS	7.32 U	1.64 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	7.32 U	NR
Hexafluoropropylene oxide dimer acid	NS	7.32 U	NR
N-ethyl perfluorooctanesulfonamide	NS	1.83 U	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.83 U	4.11 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	18.3 U	NR
N-methyl perfluorooctanesulfonamide	NS	1.83 U	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	1.83 U	4.11 U
N-methyl perfluorooctanesulfonamidoethanol	NS	18.3 U	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.66 U	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.66 U	NR
Perfluoro-3-methoxypropanoic acid	NS	3.66 U	NR
Perfluoro-4-methoxybutanoic acid	NS	3.66 U	NR
Perfluorobutanesulfonic acid	NS	1.83 U	1.64 U
Perfluorobutanoic acid	NS	7.32 U	4.11 U
Perfluorodecanesulfonic acid	NS	1.83 U	1.64 U
Perfluorodecanoic acid	NS	1.83 U	1.64 U
Perfluorododecanesulfonic acid	NS	1.83 U	NR
Perfluorododecanoic acid	NS	1.83 U	1.64 U
Perfluoroheptanesulfonic acid	NS	1.83 U	1.64 U
Perfluoroheptanoic acid	NS	1.83 U	1.64 U
Perfluorohexanesulfonic acid	NS	1.83 U	1.64 U
Perfluorohexanoic acid	NS	1.83 U	1.64 U
Perfluorononanesulfonic acid	NS	1.83 U	NR
Perfluorononanoic acid	NS	1.83 U	1.64 U
Perfluorooctanesulfonamide	NS	1.83 U	1.64 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	1.83 U	1.64 U
Perfluorooctanoic acid (PFOA)	**6.7**	1.83 U	1.64 U
Perfluoropentanoic acid	NS	3.66 U	1.64 U
Perfluoropentansulfonic acid	NS	1.83 U	NR
Perfluorotetradecanoic acid	NS	1.83 U	1.64 U
Perfluorotridecanoic acid	NS	1.83 U	1.64 U
Perfluoroundecanoic acid	NS	1.83 U	1.64 U

Table 15
Soil Vapor Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID	RI-SV-01_20220728	RI-SV-02_20220728	RI-SV-03_20220728	RI-SV-03_20220728	RI-SV-04_20220728	RI-SV-05_20220728	RI-SV-06_20220728	RI-SV-07_20220728
Laboratory Sample ID	200-64356-1	200-64356-2	200-64356-3	200-64356-3	200-64356-4	200-64356-5	200-64356-6	200-64356-7
Date Sampled	7/28/2022	7/28/2022	7/28/2022	7/28/2022	7/28/2022	7/28/2022	7/28/2022	7/28/2022
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	1	1	5	1	1	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.79 J	1.1 U	1.1 U	NR	1.1 U	1.1 U	0.26 J	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.42 J	0.42 J	1.5 U	NR	1.5 U	0.43 J	1.5 U	1.5 U
1,1,2-Trichloroethane	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	0.81 U	0.81 U	0.81 U	NR	0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3.7 U	3.7 U	3.7 U	NR	3.7 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	12	29	17	NR	19	10	6.9	16
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	1.5 U	1.5 U	NR	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	0.81 U	0.81 U	0.81 U	NR	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	0.92 U	0.92 U	0.92 U	NR	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	3.6	8.4	5.7	NR	5.2	2.5	2	4.7
1,3-Butadiene	0.44 U	0.44 U	0.51	NR	0.44 U	1.3	0.44 U	0.44 U
1,3-Dichlorobenzene	1.2 U	1.1 J	1.2 U	NR	1.2 U	1.2 U	3.9	1.2 U
1,4-Dichlorobenzene	1.2 U	1.1 J	1.2 U	NR	1.2 U	1.1 J	0.72 J	1.2 U
2,2,4-Trimethylpentane	0.39 J	9.6	5	NR	1.3	4.7	0.18 J	1.9
2-Chlorotoluene	1 U	1 U	1 U	NR	1 U	1 U	1 U	1 U
2-Hexanone	2 U	2 U	2 U	NR	2 U	2 U	2 U	2.3
4-Ethyltoluene	2.6	8.7	4.9	NR	3.8	1.5	1	3.1
Acetone	16	12	38	NR	17	35	14	NR
Allyl Chloride (3-Chloropropene)	1.6 U	1.6 U	1.6 U	NR	1.6 U	1.6 U	1.6 U	1.6 U
Benzene	1.2	11	5.6	NR	1.1	4.7	0.35 J	3
Benzyl Chloride	1 U	1 U	1 U	NR	1 U	1 U	1 U	1 U
Bromodichloromethane	1.3 U	1.3 U	1.3 U	NR	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	2.1 U	2.1 U	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	0.78 U	0.78 U	0.78 U	NR	0.78 U	0.78 U	0.78 U	0.78 U
Butane	6.3	15	9.2	NR	18	8.9	1.2 U	1.2 U
Carbon Disulfide	4.8	0.85 J	2.3	NR	5.8	1.6 U	1.1 J	6.5
Carbon Tetrachloride	1.7	0.32	0.36	NR	0.37	0.31	0.33	0.22
Chlorobenzene	0.38 J	0.59 J	0.24 J	NR	0.43 J	0.38 J	0.44 J	0.6 J
Chlorodifluoromethane	1.2 J	1.2 J	1 J	NR	0.95 J	1.2 J	1.4 J	0.67 J
Chloroethane	1.3 U	1.3 U	1.3 U	NR	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	3.4	0.22 J	0.46 J	NR	0.75 J	1.4	0.98 U	0.41 J
Chloromethane	0.25 J	0.51 J	0.6 J	NR	0.38 J	0.77 J	0.52 J	0.63 J
Cis-1,2-Dichloroethylene	0.2 U	0.2 U	0.2 U	NR	0.2 U	0.2 U	0.23	0.2 U
Cis-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	3	5.2	2.5	NR	1	2.2	0.69 U	1.1
Cymene	0.58 J	7.2	0.69 J	NR	0.73 J	5.4	3.7	6.4
Dibromochloromethane	1.7 U	1.7 U	1.7 U	NR	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	1.5 J	1.7 J	1.9 J	NR	1.6 J	1.7 J	2 J	1.4 J
Ethylbenzene	1.4	28	8.2	NR	2.5	3.2	1	5.1
Hexachlorobutadiene	2.1 U	2.1 U	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	5.4 J	11 J	9 J	NR	12 U	17	7.6 J	15
Isopropylbenzene (Cumene)	0.98 U	3.2	3.2	NR	0.98 U	0.98 U	0.34 J	0.98 U
M,P-Xylenes	4.7	110	25	NR	11	12	4.6	21
Methyl Ethyl Ketone (2-Butanone)	3.3	2.5	3.9	NR	2.4	6.6	2.6	14
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	1.3 J	1.1 J	NR	2 U	1.5 J	0.93 J	1.6 J
Methyl Methacrylate	2 U	2 U	2 U	NR	2 U	2 U	2 U	2 U
Methylene Chloride	9.1	2	1.7 U	NR	1.7 U	1.4 J	1 J	1.7 U
Naphthalene	2.6 U	1 J	2.6 U	NR	1.3 J	2.1 J	1.7 J	2.6 U
N-Butylbenzene	1.1 U	0.8 J	0.89 J	NR	0.51 J	1.1 U	0.37 J	1.1 U
N-Heptane	4.2	26	6.2	NR	4.9	4.3	0.52 J	4.3
N-Hexane	1.2 J	28	6.1	NR	2.7	7.4	1.8 U	2
N-Propylbenzene	1.5	6.1	3.2	NR	2.2	1.1	0.78 J	2.2
O-Xylene (1,2-Dimethylbenzene)	2.4	37	11	NR	5.7	5.1	2.5	9.2
Sec-Butylbenzene	1.1 U	1.1 U	0.46 J	NR	1.1 U	1.1 U	0.21 J	1.1 U
Styrene	1	2.6	1.2	NR	1.5	1.8	1	0.85 U
T-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	15 U	4.6 J	6.7 J	NR	15 U	15 U	15 U	39
Tert-Butyl Methyl Ether	0.72 U	0.72 U	0.72 U	NR	0.72 U	0.72 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	110	3.3	NR	530 D	5.2	6.3	29	120
Tetrahydrofuran	15 U	15 U	15 U	NR	15 U	15 U	15 U	15 U
Toluene	8.5	130	26	NR	6.4	16	2	16
Trans-1,2-Dichloroethene	0.79 U	0.79 U	0.79 U	NR	0.79 U	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	50	0.26	1.8	NR	0.2 U	0.53	0.2 U	1.2
Trichlorofluoromethane	0.97 J	0.97 J	0.95 J	NR	1 J	1 J	0.96 J	1 J
Vinyl Bromide	0.87 U	0.87 U	0.87 U	NR	0.87 U	0.87 U	0.87 U	0.87 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U
Xylenes, Total	NR	NR	NR	NR	NR	NR	NR	NR

Table 15
Soil Vapor Analytical Results of Volatile Organic Compounds
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

AKRF Sample ID	RI-SV-07_20220728	RI-SV-08_20220728	RI-SV-08_20220728	RI-SV-09_20220728	RI-SV-10_20240920	RI-SV-11_20240920	RI-SV-12_20240920	RI-SV-13_20240920
Laboratory Sample ID	200-64356-7	200-64356-8	200-64356-8	200-64356-9	200-75183-1	200-75183-2	200-75183-3	200-75183-4
Date Sampled	7/28/2022	7/28/2022	7/28/2022	7/28/2022	9/20/2024	9/20/2024	9/20/2024	9/20/2024
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	4	1	5	1	1	1	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	0.36 J	0.35 J
1,1,2,2-Tetrachloroethane	NR	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NR	1.5 U	NR	0.45 J	1.5 U	1.5 U	1.5 U	1.5 U
1,1,2-Trichloroethane	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	NR	0.81 U	NR	0.25 J	0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	NR	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	NR	3.7 U	NR	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	NR	45	NR	18	12	43	28	4.2
1,2-Dibromoethane (Ethylene Dibromide)	NR	1.5 U	NR	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	NR	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	NR	0.81 U	NR	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	NR	0.92 U	NR	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	NR	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NR	13	NR	5.3	4.3	14	8.9	0.74 J
1,3-Butadiene	NR	3.6	NR	0.44 U	1.3	0.44 U	0.2 J	0.44 U
1,3-Dichlorobenzene	NR	14	NR	1.2 U	0.68 J	2.8	1.2 U	0.51 J
1,4-Dichlorobenzene	NR	1.2	NR	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NR	17	NR	1	3.1	8.6	7.3	0.93 U
2-Chlorotoluene	NR	1 U	NR	1 U	1 U	1 U	1 U	1 U
2-Hexanone	NR	6.2	NR	1.3 J	0.66 J	1.8 J	2 U	1.1 J
4-Ethyltoluene	NR	13	NR	3.6	3.7	11	8	0.61 J
Acetone	180 D	NR	170 D	39	31	41	24	12
Allyl Chloride (3-Chloropropene)	NR	1.6 U	NR	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Benzene	NR	20	NR	0.69	5.5	12	10	0.32 J
Benzyl Chloride	NR	1 U	NR	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NR	1.3 U	NR	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	NR	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	NR	0.78 U	NR	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Butane	NR	24	NR	0.82 J	5.3	4.3	2.6	1.2 U
Carbon Disulfide	NR	4.3	NR	5	15	0.98 J	2.2	1.1 J
Carbon Tetrachloride	NR	0.32	NR	0.3	0.27	0.22 U	0.41	0.27
Chlorobenzene	NR	0.8 J	NR	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	NR	0.8 J	NR	1.4 J	0.88 J	1.8 U	1.1 J	0.46 J
Chloroethane	NR	1.3 U	NR	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	NR	3.3	NR	58	0.31 J	0.33 J	0.29 J	6.1
Chloromethane	NR	1.4	NR	1 U	0.78 J	0.34 J	0.65 J	1 U
Cis-1,2-Dichloroethylene	NR	0.2 U	NR	1.7	0.2 U	0.2 U	0.2 U	0.2 U
Cis-1,3-Dichloropropene	NR	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	NR	9.1	NR	0.71	2.8	8	6.5	0.69 U
Cymene	NR	6.6	NR	0.77 J	8.2	0.66 J	0.47 J	1.1 U
Dibromochloromethane	NR	1.7 U	NR	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	NR	1.5 J	NR	12	2.1 J	1.7 J	2.1 J	2.1 J
Ethylbenzene	NR	43	NR	3.5	51	49	39	2.8
Hexachlorobutadiene	NR	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	NR	21	NR	7.5 J	24	43	16	35
Isopropylbenzene (Cumene)	NR	0.98 U	NR	0.98 U	2.2	3.1	2.4	0.98 U
M,P-Xylenes	NR	160	NR	15	230	180	140	15
Methyl Ethyl Ketone (2-Butanone)	NR	17	NR	4.5	6.6	11	3.2	2.4
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NR	2 U	NR	2 U	3.7	3.9	2.5	2.7
Methyl Methacrylate	NR	2 U	NR	2 U	2 U	2 U	2 U	2 U
Methylene Chloride	NR	1.7 U	NR	1.7 U	1.7 U	1.7 U	0.7 J	1.7 U
Naphthalene	NR	4.9	NR	2 J	2 U	2 U	2 U	2 U
N-Butylbenzene	NR	1.1 U	NR	0.56 J	1.1 U	0.76 J	0.6 J	1.1 U
N-Heptane	NR	45	NR	4.8	10	25	21	0.92
N-Hexane	NR	44	NR	1.1 J	8	19	16	1.8 U
N-Propylbenzene	NR	9.1	NR	2.5	2.8	8.4	6.1	0.42 J
O-Xylene (1,2-Dimethylbenzene)	NR	58	NR	8	95	75	56	5.9
Sec-Butylbenzene	NR	1.1 U	NR	1.1 U	1.1 U	0.51 J	0.39 J	1.1 U
Styrene	NR	3	NR	0.99	0.85 U	0.85 U	0.62 J	0.85 U
T-Butylbenzene	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	NR	38	NR	21	3.9 J	4.4 J	15 U	4.4 J
Tert-Butyl Methyl Ether	NR	0.72 U	NR	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	NR	8	NR	150	0.29 J	11	8	100
Tetrahydrofuran	NR	15 U	NR	15 U	15 U	15 U	15 U	15 U
Toluene	NR	NR	210 D	6.7	50	140	120	1.7
Trans-1,2-Dichloroethene	NR	0.79 U	NR	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	NR	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	NR	0.74	NR	8.9	0.31	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	NR	1 J	NR	1.3	1.1	1.1	1.7	1.3
Vinyl Bromide	NR	0.87 U	NR	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U
Vinyl Chloride	NR	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Xylenes, Total	NR	NR	NR	NR	330	260	200	21

Tables 2-15
Notes
Jamaica Works - Remedial Investigation
95-25 149th Street, Queens, NY

DEFINITIONS

D	:	Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.
J	:	The concentration given is an estimated value.
K	:	Reported concentration value is proportional to dilution factor and may be exaggeratec
L	:	Sample result is estimated and biased low.
ND	:	The standard is a non-detectable concentration by the approved analytical method.
NR	:	Not reported.
NS	:	No standard.
R	:	Indicates the reported result is unusable. (note: the analyte may or may not be present.)
U	:	The analyte was not detected at the indicated concentration.
UJ	:	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise
mg/kg	:	milligrams per kilogram
ppb	:	parts per billion
µg/L	:	micrograms per liter
ng/L	:	nanograms per liter
µg/m^3	:	micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives	:	Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.

NYSDEC Part 375 PFAS Guidance Values	:	New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued April 2023.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values (UUGVs) are highlighted in bold font.
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading.

NYSDEC Class GA AWQSGVs	:	New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

RI-MW-X_20220817 is a blind duplicate of sample RI-MW-03_20220817
RI-MW-X_20241007 is a blind duplicate of sample RI-MW-06_20241007
RI-SB-X_0-2_20240920 is a blind duplicate of sample RI-SB-14_0-2_2024092(
RI-SB-X_13-15_20220726 is a blind duplicate of sample RI-SB-04_13-15_2022072(
RI-SB-X_4-6_20220727 is a blind duplicate of sample RI-SB-06_4-6_2022072(

APPENDIX A
PREVIOUS ENVIRONMENTAL REPORTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

95-04 & 95-25 149TH STREET, 95-08 & 95-12 150TH STREET
QUEENS
QUEENS COUNTY, NEW YORK
BLOCK 10001 LOT 1, BLOCK 10002 LOTS 1,10, & 13

PREPARED FOR:

Empire Management
347 Fifth Avenue
New York, New York 10016

PREPARED BY:

108 W. 39th Street; Suite 500
New York, New York 10018
Phone: 212-682-2001 ∞ Fax: 212-682-1991

November 25, 2019
File #500300

PHASE I ENVIRONMENTAL SITE ASSESSMENT

95-04 & 95-25 149TH STREET, 95-08 & 95-12 150TH STREET
QUEENS
QUEENS COUNTY, NEW YORK
BLOCK 10001 LOT 1, BLOCK 10002 LOTS 1, 10, & 13

Partridge Venture Engineering, PC doing business as PVE Engineering ("PVE") & Lawrence ENV, LLC (LENV) is submitting this report for work performed at the above-referenced site. This report has been prepared in conformance with the scope and limitations ASTM Standard E-1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* If you have any questions or comments, please contact one of the individuals listed below. We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR § 312. We have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

PVE ENGINEERING & LAWRENCE ENV, LLC

Samuel Ambrose
Environmental Technician

Christopher B. Brown, P.G.
Director of Environmental Services/Environmental Professional

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APPENDICES

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1.0 Introduction

1.1 Objectives of Report

This Environmental Site Assessment (ESA) is intended to identify *recognized environmental conditions* (RECs) with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and petroleum products on the subject property (defined in Section 3.0). The term *recognized environmental conditions* (REC) is defined in accordance with **ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process** as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. Consideration is given to potential impacts to soil, groundwater, vapor, and other media.

1.2 Scope and Limitations of Report

Visual inspection of the subject property, a review of regulatory records and documents, and a review of historical records and documents are performed in accordance with ASTM E1527-13 and the appended Scope and Limitations (Appendix F) with the exception of any special terms and conditions in section 1.4. Note that, as stated in Practice 1527-13, no environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property and that performance of Practice 1527-13 is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property, recognizing reasonable limits of time and cost. PVE/LENV makes no representation of the condition of areas that could not be visually inspected.

1.3 Significant Assumptions

PVE & LENV assumes that all database records, historical information, interviews conducted, and information obtained from others regarding the subject property are from reliable sources. No attempt was made to independently verify the reliability of said sources, as it is not required to verify the information provided according to Section 7.5.2.1 of ASTM E1527-13. Where access to portions of the site or to structures on the site was unavailable or limited, PVE & LENV renders no opinion as to the presence of regulated or hazardous materials or to the presence of indirect evidence relating to hazardous or regulated material in that portion of the site or structure. Conclusions and recommendations are based on information obtained from said sources and a visual inspection of the subject property on the date listed herein. References and sources used for the preparation of this report are documented in this report.

1.4 Special Terms and Conditions

An environmental liens and activity and use limitations (AULs) search was not included with the scope of this report, as per the direction of the user. In order to satisfy the ASTM E 1527-13 requirements for a Phase I ESA, a search for environmental liens and AULs must be appended.

1.5 User Reliance

The user is the party seeking to use Practice E1527 to complete this environmental site assessment of the subject property. The user has specific obligations for completing a successful application of Practice E1527 outlined in Section 6 of E1527. Completion of the user questionnaire (attached in Appendix G) helps satisfy these obligations.

In addition to the user, additional parties may rely on the contents of this environmental site assessment as listed below.

User:	Empire Management 347 Fifth Avenue, New York, New York 10016.
Authorized to rely on this report:	Empire Management

The scope of this Phase I ESA may not meet the needs of other users. Any reliance on the contents of this report by any third party is the sole responsibility of that party.

1.6 Definitions

Below are some important definitions (as defined in E1527-13) that are not otherwise defined in this report:

Fill dirt: Dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of a real property. It does not include material that is used in limited quantities for normal landscaping activities.

Material threat: A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Migrate/Migration: For the purposes of a Phase I ESA, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. Note that vapor migration in the subsurface is described in Guide E2600; however, for the purposes of a Phase I ESA, there is no requirement to apply the Guide E2600 standard to achieve compliance with all appropriate inquiries.

2.0 Site Description

2.1 Subject Property Location

Street Address:	95-04 149th Street
Municipality:	Queens
County:	Queens County
State:	New York
Block/Lot:	Block 10001 Lot 1
Lot Size:	62,682 sq. ft.
Building Size:	53,666 sq. ft. (One-story industrial structure)

Street Address:	95-25 149th Street
Municipality:	Queens
County:	Queens County
State:	New York
Block/Lot:	Block 10002 Lot 1
Lot Size:	40,077 sq. ft.
Building Size:	41,600 sq. ft. (Eight (8) industrial structures)

Street Address:	95-08 150th Street
Municipality:	Queens
County:	Queens County
State:	New York
Block/Lot:	Block 10002 Lot 10
Lot Size:	3,920 sq. ft.
Building Size:	2,400 sq. ft. (One-story industrial structure)

Street Address:	95-12 150th Street
Municipality:	Queens
County:	Queens County
State:	New York
Block/Lot:	Block 10002 Lot 13
Lot Size:	6,800 sq. ft.
Building Size:	8,700 sq. ft. (Two-story industrial structure)

See Appendix A for site maps. The parcel outline was obtained from the New York City Department of Finance Digital Tax Map (http://gis.nyc.gov/taxmap/).

2.2 General Site Features, Characteristics, and Current Operations

Site Features:	The subject property consists of four (4) lots (Block 10001 Lot 1 & Block 10002 Lots 1, 10, & 13) containing eleven (11) industrial structures.

Current Use:	Industrial.
Topography:	Subject property is generally flat; local topography gently slopes downward to the east-southeast.
Potable Water Supply:	Municipal Supplied.
Sewage Disposal System:	Municipal Supplied.
Means of heating/cooling:	Natural Gas, Electric Heaters, #4 Fuel Oil

2.3 Current Uses of Adjoining Properties

Adjoining properties are any real property or properties the border of which is contiguous or partially contiguous with that of the subject property, or that would be contiguous or partially contiguous with that of the subject property but for a street, road, or other public thoroughfare separating them. Adjoining parcels were obtained from the New York City Department of Finance Digital Tax Map (http://gis.nyc.gov/taxmap/).

Below is a table describing the current uses of adjoining properties.

Direction from Subject Property	Address	Owner(s)	Occupant(s)/Use	Impact to Subject Property
West-southwest	95-41 148th Street	Bush, Joseph	One and Two-Family Buildings	Not Anticipated
West-southwest	95-39 148th Street	Mohammed Abdul Hannon	One and Two-Family Buildings	Not Anticipated
West-southwest	95-37 148th Street	Howard, William H	One and Two-Family Buildings	Not Anticipated
West-southwest	95-35 148th Street	Akter, Laboni	One and Two-Family Buildings	Not Anticipated
West-southwest	95-33 148th Street	Sepulveda, Martha	One and Two-Family Buildings	Not Anticipated
West-southwest	95-21 148th Street	Duran, Stanley A	One and Two-Family Buildings	Not Anticipated
West-southwest	95-29 148th Street	Shirley, Donie H	One and Two-Family Buildings	Not Anticipated
West-southwest	95-27 148th Street	Steven Bell	One and Two-Family Buildings	Not Anticipated
West-southwest	95-25 148th Street	Celestine Mayers	One and Two-Family Buildings	Not Anticipated
West	95-26 148th Street	Islam, Mohammed S	One and Two-Family Buildings	Not Anticipated
West	95-24 148th	Williams, Elton	One and Two-Family	Not Anticipated

Direction from Subject Property	Address	Owner(s)	Occupant(s)/Use	Impact to Subject Property
	Street	C	Buildings	
West	95-22 148th Street	Sutphin Avenue Development LLC	One and Two-Family Buildings	Not Anticipated
West	95-18 148th Street	Dev, Alok	One and Two-Family Buildings	Not Anticipated
West	95-11 148th Street	Polsinelli Management Corp.	Unknown	Not Anticipated
West	147-44 95th Avenue	Begum, Mossammat S	One and Two-Family Buildings	Not Anticipated
Northwest	94-01 Sutphin Boulevard	Merkel Properties LLC	Vacant Land	Not Anticipated
North	147-16 94th Avenue	Merkel Properties LLC	Parking Facilities	Not Anticipated
North	148-07 95th Avenue	TDM Realty Partners LLC	One and Two-Family Buildings	Not Anticipated
North	148-11 95th Avenue	TDM Realty Partners LLC	Unknown	Not Anticipated
North	148-13 95th Avenue	TDM Realty Partners LLC	Vacant Land	Not Anticipated
North	95th Avenue	TDM Realty Partners LLC	Unknown	Not Anticipated
North	149-01 95th Avenue	TDM Realty Partners LLC	Industrial and Manufacturing	Not Anticipated
East-northeast	95-02 150th Street	Mastronardi, Gerardo	Unknown	Not Anticipated
East	95-09 150th Street	Beaver Road Management LLC	Industrial and Manufacturing	Not Anticipated
East	Beaver Road	Beaver Road Management LLC	Vacant Land	Not Anticipated
East	150-04 Beaver Road	179-28 110th Ave LLV	Vacant Land	Not Anticipated
East	95-20 150th Street	Amba Management Corp	Industrial and Manufacturing	Not Anticipated
East	95-24 150th Street	Metro Atlantic Management LLC	Unknown	Not Anticipated
East	95-28 150th Street	Clyde Mohan	Industrial and Manufacturing	Not Anticipated

Direction from Subject Property	Address	Owner(s)	Occupant(s)/Use	Impact to Subject Property
East	95-30 150th Street	Clinton Graham	Mixed Use: Residential & Commercial	Not Anticipated
East	95-32 150th Street	Carr, John	Mixed Use: Residential & Commercial	Not Anticipated
East	95-34 150th Street	Graham Clinton	Mixed Use: Residential & Commercial	Not Anticipated
East-southeast	95-36 150th Street	Clinton Graham	Mixed Use: Residential & Commercial	Not Anticipated
East-southeast	95-38 150th Street	Clinton Graham	Mixed Use: Residential & Commercial	Not Anticipated
East-southeast	95-40 150th Street	Carr, Janie	Mixed Use: Residential & Commercial	Not Anticipated
Southeast	97-02 150th Street	Abbott Industries INC	Industrial and Manufacturing	Not Anticipated
South	149-06 97th Avenue	G. Mastronardi & Sons Construction Corp	Vacant Land	Not Anticipated
South	149-04 97th Avenue	G. Mastronardi & Sons Construction Corp	Vacant Land	Not Anticipated
South	149-02 97th Avenue	John Diaz	Multi-Family Walk-Up Buildings	Not Anticipated
South	148-24 97th Avenue	Graham Clinton	Multi-Family Walk-Up Buildings	Not Anticipated
South	148-16 97th Avenue	Mastronardi Masons Mater	Vacant Land	Not Anticipated
South	148-14 97th Avenue	Khan, Shakir M	One and Two-Family Buildings	Not Anticipated
South	148-12 97th Avenue	Savocchi, Guido	One and Two-Family Buildings	Not Anticipated
South	148-10 97th Avenue	Sutphin Avenue Development, LLC	Transportation and Utility	Not Anticipated
South	97-01 148th Street	Mora, Gregorio	One and Two-Family Buildings	Not Anticipated

3.0 Database Search

A review of state and federal documents and databases was performed to identify recorded hazardous waste or regulated substance activities on or near the subject property. Information from state and federal databases was compiled by Environmental Data Resources (EDR), an independent subcontractor to PVE & LENV. The information presented below is a summary of this report. A complete listing of the sources searched and a complete copy of the database report are provided in Appendix B. The search distances as assigned in ASTM E1527-13 were used at a minimum for each of the following environmental record sources. Additional reviewed records are provided in Appendix C.

Not all sites identified in the database records can be accurately located due to incomplete or conflicting information supplied to the regulatory agencies. Asterisked (*) sites are indicative of sites listed as un-mappable ("orphan") in the EDR database report. Based on location information provided, the asterisked sites may be located within the appropriate search radius and are included in this Phase I ESA report. Information about these sites can be reviewed in the EDR Radius Map Report in Appendix B.

3.1 Federal and State Hazardous Waste Sites

Federal National Priority List

National Priority Listing (NPL) sites are those listed with the USEPA as hazardous waste disposal sites, also known as Superfund sites. Proposed and delisted NPL site lists are also maintained by the USEPA. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 1.0 mile*:	*Impact to Subject Property*	*Rationale*
NPL	No	0 / 0*	None	Not Present
Proposed NPL	No	0 / 0*	None	Not Present
DELISTED NPL	No	0 / 0*	None	Not Present

Federal SEMS

The SEMS (Superfund Enterprise Management System) list details proposed and existing federal Superfund sites pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The USEPA also maintains a SEMS-ARCHIVE list, which tracks sites that have no further interest under the Federal Superfund Program based on available information. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
SEMS	No	0 / 0*	None	Not Present
SEMS-ARCHIVE	No	0 / 0*	None	Not Present

State-Equivalent NPL & SEMS

Inactive State Hazardous Waste Disposal Sites are designated by NYSDEC and are state-equivalent SEMS sites. NYSDEC also maintains an inventory of delisted SHWS. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 1.0 mile*:	*Impact to Subject Property*	*Rationale*
NY SHWS	No	5 / 1*	Not Anticipated	See Below
NY DEL SHWS	No	0 / 0*	None	Not Present

SHWS:

- K – Jamaica Gas and Light MGP, located on Beaver Road & 158th Street, 779 feet northeast (topographically up-gradient) of the subject property. Coal tar and semi-volatile organic compounds (SVOCs) were detected in soil at concentrations exceeding CP-51 standards. Metals were detected in groundwater at concentrations exceeding groundwater quality standards (GQS).

- K – Jamaica Holder Station, located at 158th Street & Liberty Avenue, 1,190 feet east-northeast (topographically down-gradient) of the subject property. One (1) polycyclic aromatic hydrocarbon (PAH) was detected at a concentration exceeding GQS.

- 148-28 Hillside Avenue, located 2,711 feet north-northwest (topographically up-gradient) of the subject property. No additional information was provided.

- Former Duraspec Electroplating, located at 87-83 139th Street, 3,192 feet northwest (topographically up-gradient) of the subject property. Metals in soil and petroleum compounds in groundwater have been detected in concentrations exceeding applicable standards.

- 107-35 Merrick Blvd-OER, located 4,254 feet east (topographically down-gradient) of the subject property. SVOCs and metals have been detected in soil at concentrations exceeding soil cleanup objectives (SCOs). Chlorinated solvents were detected in groundwater and soil vapor samples at concentrations exceeding applicable standards.

- *Cedar Manor A08, located at 158th Street approximately 780 feet northeast (topographically up-gradient) of the subject property. Mercury was identified in soil at concentrations exceeding industrial SCOs and in groundwater exceeding GQS. No additional information was provided.

Based on the distance and/or down-gradient nature of these listings in relation to the subject property, PVE/LENV does not consider these listings to represent RECs.

Hazardous Substance Waste Disposal Sites

The Hazardous Substance Waste Disposal Sites (HSWDS) Inventory is maintained by New York State. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
NY HSWDS	No	0 / 0*	None	Not Present

3.2 Hazardous Waste Treatment, Storage, or Disposal

RCRA Treatment, Storage, and Disposal Facilities

The database of RCRA facilities for treatment, storage, or disposal of hazardous materials (RCRA TSD) is maintained by the USEPA. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
RCRA-TSDF	No	0 / 0*	None	Not Present

RCRA Corrective Action Sites

The USEPA maintains a database of sites within the RCRA Corrective Action program, which are facilities permitted by the USEPA for treatment, storage, or disposal of hazardous waste which have conducted or are currently conducting a corrective action as regulated under the Resource Conservation and Recovery Act. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 1.0 mile*:	*Impact to Subject Property*	*Rationale*
CORRACTS	No	0 / 0*	None	Not Present

3.3 Hazardous Waste Generation

The USEPA maintains a database of facilities that generate hazardous waste. Large Quantity Generators (LQG) generate over 1,000 kg of hazardous waste or over 1 kg of acutely hazardous waste per month. Small Quantity Generators (SQG) generate between 100 kg and 1,000 kg of hazardous waste per month. Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste or less than 1 kg of acutely hazardous waste per month. Non-generators are sites that do not presently generate hazardous waste. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Adjoining Properties*:	*Impact to Subject Property*	*Rationale*

EDR Database Acronym:	*Subject Property*:	*Adjoining Properties*:	*Impact to Subject Property*	*Rationale*
RCRA-LQG	No	0 / 0*	None	Not Present
RCRA-SQG	No	0 / 0*	None	Not Present
RCRA-VSQG	Yes	0 / 0*	Not Anticipated	See Below
RCRA NonGen/NLR	Yes	3 / 0*	Not Anticipated	See Below

RCRA VSQG:

- Abbot Industries Inc., located at 95-25 149th Street, the subject property. The listing is related to the disposal of halogenated solvents, and the facility received a written, informal violation in 1991. No additional information was provided.

Due to the presence of a violation, PVE/LENV considers this listing to represent a REC.

RCRA Non-generator:

- Con Edison Service Box: 21085, located in front of 95-10 150th Street, the subject property. No violations were identified in association with this listing.

- Con Edison, located at 95-08, the subject property. No violations were identified in association with this listing.

- Con Edison Service Box: 11198, located in front of 95-34 150th Street, an eastern adjoining property. No violations were identified in association with this listing.

- Con Edison, located at 95-34 150th street, an eastern adjoining property. No violations were identified in association with this listing.

- Con Edison, located in front of 95-24 150th Street, an eastern adjoining property. No violations were identified in association with this listing.

Based on the nature of these listings and lack of violations, PVE/LENV does not consider these listings to represent RECs.

3.4 State Landfill and/or Solid Waste Disposal Sites

NYSDEC maintains a database of solid waste disposal facilities (SWF) and landfills (LF). Further information can be reviewed in Appendix B.

EDR Database Acronym:	Subject Property:	Properties within 0.5 mile:	*Impact to Subject Property*	*Rationale*
NY SWF/LF	No	12 / 0*	Potentially	See Below

- Tic Tac Auto Inc, located at 150-08 Beaver Road, 134 feet east (topographically cross-gradient) of the subject property, is identified as an inactive vehicle dismantling facility.

- Easy Does It Auto Salvage Inc., located at 150-08 Beaver Road, 134 feet east (topographically cross-gradient) of the subject property, is identified as an inactive vehicle dismantling facility.

Based on the proximity of these listings in relation to the subject property, PVE/LENV considers these listings to represent RECs.

- Liberty Auto Parts Inc., located at 97-09 150th Street, 183 feet southeast (topographically down-gradient) of the subject property, is identified as an inactive vehicle dismantling facility.

- New York City Auto Salvage Inc., located at 148-36 Liberty Avenue, 342 feet south-southeast (topographically down-gradient) of the subject property, is listed as an active vehicle dismantling facility.

- J & J Auto Wreckers, Inc., located at 150-35 Liberty Avenue 410 feet east (topographically down-gradient of the subject property, is listed as an active vehicle dismantling facility.

- A1 Auto Parts Inc., located at 97-15 Sutphin Boulevard, 457 feet southwest (topographically up-gradient) of the subject property, is listed as an inactive vehicle dismantling facility.

- H. Coles Construction & Service, located at 95-34 157th Street, 517 feet northeast (topographically down-gradient) of the subject property, is listed as an inactive transfer station.

- City Mason Division of S.R.M., located at 105th Avenue & 150th Street, 535 feet south-southeast (topographically down-gradient) of the subject property, is listed as an inactive construction and demolition processor.

- A & J Scrap Metal Processing, located at 95-49 Tuckerton Street, 584 feet east-northeast (topographically down-gradient) of the subject property, is listed as an active vehicle dismantling facility.

- A 2000 Auto Parts 7 Auto GLS Inc., located at 155-17 Liberty Avenue, 702 feet east (topographically down-gradient) of the subject property, is listed as an inactive vehicle dismantling facility.

- Do-Rite Salvage Corp., located at 155-19 Liberty Avenue, 707 feet east (topographically down-gradient) of the subject property, is listed as an inactive vehicle dismantling facility.

- Republic Caring Co. Inc., located at 106-21 156th Street, 1,477 feet southeast (topographically down-gradient) of the subject property, is listed as an inactive transfer station.

Based on the distance and/or down-gradient nature of these listings in relation to the subject property, PVE/LENV does not consider these listings to represent RECs.

3.5 State Registered Storage Tanks

NYSDEC maintains a database of petroleum bulk storage (PBS) facilities with regulated storage tanks. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Adjoining Properties*:	*Impact to Subject Property*	*Rationale*
UST	Yes	1 / 0*	Not Anticipated	See Below
AST	Yes	1 / 0*	Not Anticipated	See Below

UST Site:

- PBS #2-249955, Abbott Industries Inc., located at 95-04 149th Street, the subject property. The following tank is associated with the property: one (1) 10,000-gallon #2 fuel oil tank, installed at an unreported date and closed in-place on August 11, 2014.

Based on this listing being associated with an LTANK listing described in Section 3.6 below, PVE/LENV considers this listing to represent a REC.

- PBS #2-620099, CC Precision Welding Corp., located at 150-09 Beaver Road, an eastern adjoining property. The following tanks are associated with the property: four (4) 550-gallon gasoline tanks, installed at an unreported date and closed and removed on June 4, 2005.

AST Site:

- PBS #2-249963, Abbott Industries Inc., located at 95-25 149th Street, the subject property. The following tank is associated with the property: one (1), in-service, 7,500-gallon #6 fuel oil tank, installed on January 1, 1965.

- PBS #2-249971, Abbott Industries Inc., located at 97-02 150th Street, a southern adjoining property. The following tank is associated with the property: one (1) 2,000-gallon #2 fuel oil tank, installed at an unreported date and closed/removed on July 20, 2007.

Fuel storage tanks operated in accordance with applicable rules and regulations, would not represent a REC, however, unreported releases can occur and would adversely impact the

subject property. Based on the information provided, PVE/LENV does not consider these listings to represent RECs.

Chemical Bulk Storage Database

NYSDEC maintains a database of facilities store regulated hazardous substances tanks (CBS), including aboveground tanks with capacities of 185 gallons or greater (CBS AST), and/or in underground tanks of any size (CBS UST). Only those that cannot be precisely located (orphans) or those thought to have a potentially negative environmental impact on the subject property are summarized below. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.25 mile*:	*Impact to Subject Property*	*Rationale*
NY CBS	No	4 / 0*	Not Anticipated	See Below
NY CBS AST	No	1 / 0*	Not Anticipated	See Below
NY CBS UST	No	0 / 0*	None	Not Present

NY CBS:

- CBS #2-000185, Atlas Transit Mix, located at 95-11 147th Place, 234 feet east (topographically up-gradient) of the subject property. No additional information was provided.

- CBS #2-000453, MEC-TEC Automotive, Inc., located at 148-20 Liberty Avenue, 397 feet south (topographically down-gradient) of the subject property. The facility is inactive. Tank Information withheld (not releasable under Freedom of Information Law) in accordance with Public Officers Law Sections 86.5, 87.2(f), 89.5(a)(1)(1-a).

- CBS #2-000435, J & J Auto Wreckers, Inc., located at 150-35 Liberty Avenue, 410 feet east (topographically down-gradient) of the subject property. The following tank is associated with the property: one (1) 275-gallon tank of unknown contents, installed on February 14, 2001, and removed on March 7, 2010.

- CBS #2-000057, Honeywell Farms, located at 155-25 Styler Road, 857 feet southeast (topographically down-gradient) of the subject property. The following tank is associated with the property: one (1) 3,000-gallon tank of unknown contents, installed on August 1, 1978, and removed on November 25, 2003.

NY CBS AST:

- CBS #2-000185, Atlas Transit Mix, located at 95-11 147th Place, 234 feet east (topographically up-gradient) of the subject property. The following tank is associated with the property: one (1), in-service, 300-gallon, sodium hydroxide tank installed in June of 1987.

- CBS #2-000057, Honeywell Farms, located at 155-25 Styler Road, 857 feet southeast (topographically down-gradient) of the subject property. The following tank is associated with the property: one (1), in-service, 3,000-gallon sodium hydroxide tank, installed in August of 1978.

Storage tanks operated in accordance with applicable rules and regulations, would not represent a REC, however, unreported releases can occur and would adversely impact the subject property. Based on the information obtained in the database, PVE does not consider these listings to represent RECs.

3.6 Petroleum and Hazardous Material Releases

Emergency Response Notification System

The USEPA Emergency Response Notification System (ERNS) stores information reported to the USEPA on sudden and/or accidental releases of hazardous substances to the environment. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Impact to Subject Property*	*Rationale*
ERNS	No	None	Not Present

Petroleum Spills

NYSDEC maintains a database of petroleum spills reported to the department. Further information can be reviewed in Appendix B.

Open files indicate spills that have not been closed by the lead agency, which may indicate that contamination remains to be remediated and/or the agency has not yet received final confirmation that remedial action is complete. Closed files indicate spills whose files have been closed by the lead agency. Spills are usually closed when the agency determines the contamination relating to the spill has been remediated to meet the applicable standards. Spill files may be closed even though contaminants in soil and groundwater do not meet applicable standards; this is especially true if groundwater is not relied upon for purposes of consumption or other institutional controls exist which minimize or prevent exposure to remaining contamination. Closed spill files always have the possibility of being reopened if additional information is received by the agency that demonstrates an increased risk to human health or the environment.

EDR Database Acronym:	*Subject Property*:	*Adjoining Properties*:	*Impact to Subject Property*	*Rationale*
SPILLS - Open File	No	0 / 0*	None	Not Present
SPILLS - Closed File	No	7 / 0*	Not Anticipated	See Below

- NYSDEC Spill #0603449, located at the intersection of 95th Avenue and 149th Street, 32 feet north (topographically down-gradient) of the subject property, occurred on June 28, 2006, when five (5) five-gallon metal drums of unknown contents were abandoned at the intersection. The drums were not located by the NYSDEC. The file was closed on August 28, 2006.

- NYSDEC Spill #9814213, located at the intersection of 95th Avenue and 148th Street, 35 feet northwest (topographically up-gradient) of the subject property, occurred on February 25, 1999 when two (2) 55-gallon drums of waste oil were found abandoned. The file was closed on July 7, 2003.

- NYSDEC Spill #9914434, located at the intersection of 95th Avenue and 148th Street, 35 feet northwest (topographically up-gradient) of the subject property, occurred on March 22, 2000 when two (2) 55-gallon drums of unknown material were found abandoned. The file was closed on February 14, 2003.

- NYSDEC Spill #9914065, located at the intersection of 95th Avenue and 148th Street, 35 feet northwest (topographically up-gradient) of the subject property, occurred on March 13, 2000 when two (2) 55-gallon drums of unknown material were found abandoned. The file was closed on March 16, 2000.

- NYSDEC Spill #1507075, located at the intersection of 97th Avenue and 148th Street, 71 feet southwest (topographically down-gradient) of the subject property, occurred on October 5, 2015, when six (6) 5-gallon buckets of unknown petroleum products were abandoned. Two of the buckets spilled into the street. According to the report, no soil or sewers were impacted. The material was contained in a 35-gallon overpack, and the file was closed on October 16, 2015.

- NYSDEC Spill #1502854, located at 148-01 95th Avenue, a northern adjoining property, occurred on June 15, 2015, when three (3) 5-gallon containers of petroleum were abandoned. The file was closed on June 19, 2015.

- NYSDEC Spill #1213219, located at 148-12 97th Avenue, a southern adjoining property, occurred on December 10, 2012, when 0.25 gallons of #2 fuel oil was released due to equipment failure. The file was closed on May 10, 2013.

Based on the files being closed to the satisfaction of the NYSDEC, PVE/LENV does not consider these listings to represent RECs.

A FOIL request was submitted to NYSDEC. If further information is received at a later date and modifies the conclusions of this report, PVE/LENV will notify the user of the report.

SPILLS 90: SPILLS 90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded

after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

EDR Database Acronym:	*Subject Property*:	*Adjoining Properties*:	*Impact to Subject Property*	*Rationale*
SPILLS 90	No	1 / 0*	Not Anticipated	See Below

- NYSDEC Spill #1213219, located at 148-12 97th Avenue, a southern adjoining property, occurred on December 10, 2012, when 0.25 gallons of #2 fuel oil was released due to equipment failure. The file was closed on May 10, 2013.

Based on the quantity of the release, down-gradient nature of this listing in relation to the subject property, and the file being closed to the satisfaction of the NYSDEC, PVE/LENV does not consider this listing to represent a REC.

A FOIL request was submitted to NYSDEC. If further information is received at a later date and modifies the conclusions of this report, PVE/LENV will notify the user of the report.

State Leaking Storage Tank List

NYSDEC maintains a database of leaking registered storage tank incident reports (LTANKS). Further information can be reviewed in Appendix B.

Open files indicate spills that have not been closed by the lead agency, which may indicate that contamination remains to be remediated and/or the agency has not yet received final confirmation that remedial action is complete. Closed files indicate spills whose files have been closed by the lead agency. Spills are usually closed when the agency determines the contamination relating to the spill has been remediated to meet the applicable standards. Spill files may be closed even though contaminants in soil and groundwater do not meet applicable standards; this is especially true if groundwater is not relied upon for purposes of consumption or other institutional controls exist which minimize or prevent exposure to remaining contamination. Closed spill files always have the possibility of being reopened if additional information is received by the agency that demonstrates an increased risk to human health or the environment. Due to the high frequency of LUSTs in the applicable search radius, only those that cannot be precisely located (orphans) or those thought to have a potentially negative environmental impact on the subject property are summarized below. All LUSTs files, both closed and open, within the search radius were reviewed.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
LTANKS - Open File	No	1 / 0*	Not Anticipated	See Below
LTANKS - Closed File	Yes	42 / 0*	Potentially	See Below

- NYSDEC Spill #8804089, located at 95-04 149th Street, the subject property, was reported on August 9, 1988, when a 10,000 gallon #4 fuel oil tank failed a tank tightness test. No records of remediation were observed. The file was closed on September 30, 1992. A FOIL request was submitted to NYSDEC. If further information is received at a later date and modifies the conclusions of this report, PVE/LENV will notify the user of the report.

Based on the lack of retesting and/or remediation described in this listing or readily attainable documentation, PVE/LENV considers this listing to represent a REC.

PVE/LENV personnel have reviewed the remaining 42 LTANKS listings. Based on the distance and/or down-gradient nature of these listings in relation to the subject property and the files being closed to the satisfaction of the NYSDEC, PVE/LENV does not consider these listings to represent RECs.
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3.7 Brownfield Sites

A Brownfield is any real property where redevelopment or reuse may be complicated by the presence or potential presence of hazardous waste, petroleum, pollutants, or contaminants. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
BROWNFIELDS	No	5 / 0*	Not Anticipated	See Below

- BCP #C241184, located at 147-20 94th Avenue, 361 feet northwest (topographically up-gradient) of the subject property. Prior to remediation, the contaminants of concern were metals, SVOCs, and volatile organic compounds (VOCs). Remediation at the site is complete and does not require engineering controls or a site management plan (SMP).

- BCP #C241206, located at 147-25 94th Avenue, 378 feet northwest (topographically up-gradient) of the subject property. SVOCs and metals were detected in concentrations exceeding SCOs. Chlorinated solvents were detected in soil vapor at concentrations exceeding applicable guidelines. Data collected does not indicate any off-site impacts.

- BCP #C241064, located at Beaver Road & 159th Street, 779 feet northeast (topographically up-gradient) of the subject property. No additional information was provided.

- BCP #241062, located at 158th Street & Liberty Avenue, 1,190 feet east-northeast (topographically down-gradient) of the subject property. One (1) SVOC was detected in groundwater at concentrations exceeding GQS. A site characterization report was approved by the NYSDEC in January of 2013 and required no further action at the site.

- BCP #C241093, located at 89-14 Parsons Boulevard, 2,198 feet north-northeast (topographically up-gradient) of the subject property. The application for the Brownfield was denied on November 16, 2006.

Based on the distance and/or down-gradient nature of these listings in relation to the subject property, PVE/LENV does not consider these listings to represent RECs.

3.8 State Voluntary Cleanup Program Sites

The VCP was established to address the environmental, legal, and financial barriers that hinder redevelopment and reuse of contaminated sites, and to enhance private sector cleanup of Brownfield sites by enabling parties to remediate using private rather than public funds.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
NY VCP	No	14 / 1*	Not Anticipated	See Below

- 147-16 97th Avenue, located 335 feet west-southwest (topographically up-gradient) of the subject property. A remedial investigation identified SVOCs and metals soils, metals in groundwater, and chlorinated solvents in soil vapor at concentrations exceeding applicable standards. A remedial action work plan (RAWP) has been drafted.

- 148-39 94th Avenue, located 339 feet north (topographically up-gradient) of the subject property. A remedial investigation identified one (1) VOC, one (1) polychlorinated biphenyl (PCB), metals, and pesticides at concentrations exceeding SCOs. Metals in groundwater were detected at concentrations exceeding GQS, and chlorinated solvents were detected in soil vapor at concentrations exceeding the monitoring/mitigation level ranges established by the NYSDOH. ARAWP has been drafted.

- 97-11 Sutphin Boulevard, located 475 feet southwest (topographically up-gradient) of the subject property. A remedial investigation identified one (1) VOC in soil at concentrations exceeding soil cleanup objectives. SVOCs and metals were detected in groundwater at concentrations exceeding GQS. An RAWP has been drafted and accepted by the NYC Office of Environmental Remediation (OER).

- 93-43 Sutphin Boulevard, located 572 feet northwest (topographically up-gradient) of the subject property. A remedial investigation identified SVOCs and metals at concentrations exceeding SCOs. One (1) VOC, one (1) SVOC, and several metals were detected at concentrations exceeding GQS. An RAWP has been drafted and accepted by the NYCOER.

- 97-18 Sutphin Boulevard, located 586 feet southwest (topographically up-gradient) of the subject property. A remedial investigation identified several SVOCs and metals at concentrations exceeding SCOs. Chlorinated solvents and petroleum-related compounds were detected in soil vapor. An RAWP has been drafted and accepted by the NYCOER.

Based on the proximity and up-gradient nature of these listings in relation to the subject property, PVE/LENV considers these listings to represent RECs.

- 145-07 95th Boulevard, located 693 feet west (topographically up-gradient) of the subject property. A remedial investigation identified SVOCs, VOCs, metals, pesticides, and one (1) PCB at concentrations exceeding SCOs. VOCs and metals were detected at concentrations exceeding GQS, and chlorinated solvents were detected in soil vapor at concentrations exceeding the monitoring/mitigation level ranges established by the NYSDOH. Remedial action is complete, and a Notice of Completion has been issued by the NYCOER.

- 148-12 Archer Avenue, located 698 feet north (topographically up-gradient) of the subject property. A remedial investigation identified one (1) VOC and several metals at concentrations exceeding SCOs. A RAWP has been drafted and accepted by the NYCOER.

- Jamaica Gas & Light, located at Beaver Road and 158th Street, 779 feet northeast (topographically up-gradient) of the subject property. No additional information was provided.

- 147-22 Archer Avenue, located 800 feet north-northwest of the subject property. No additional information was provided.

- 144-02 94th Avenue, located 1,000 feet west (topographically up-gradient) of the subject property. A remedial investigation identified metals in groundwater at concentrations exceeding GQS. A RAWP has been drafted and accepted by the NYCOER.

- 90-11 160th Street & 90-14 161st Street, located 2,174 feet northeast (topographically up-gradient) of the subject property. A remedial investigation identified SVOCs in soil at concentrations exceeding SCOs. Remedial action is complete, and a Notice of Completion has been issued by the NYCOER.

- 144-15 Liberty Avenue, located 2,346 feet southwest (topographically up-gradient) of the subject property. A remedial investigation identified several VOCs and metals in soil at concentrations exceeding SCOs. VOCs, SVOCs, and metals were detected in groundwater at concentrations exceeding GQS. Remedial action at the site is complete.

- 144-01 Liberty Avenue, located 2,381 feet southwest (topographically up-gradient) of the subject property. No additional information was provided.

- 143-18 Liberty Avenue, located 2,564 feet southwest (topographically up-gradient) of the subject property. A remedial investigation identified SVOCs, metals, pesticides, and one (1) PCB in soil at concentrations exceeding SCOs. SVOCs and metals were detected in groundwater at concentrations exceeding GQS. Remedial action at the site is complete.

- *Cedar Manor A08, located at 158th Street approximately 780 feet northeast (topographically up-gradient) of the subject property. Mercury was identified in soil at concentrations exceeding industrial SCOs and in groundwater exceeding GQS. No additional information was provided.

- *Jamaica Holder Station, located at 158th Street and Liberty Avenue, approximately 1,175 feet east (topographically down-gradient) of the subject property. No additional information was provided.

Based on the distance and/or down-gradient nature of these listings in relation to the subject property, PVE/LENV does not consider these listings to represent RECs.

3.9 Federal & State Engineering & Institutional Controls, & Activity & Use Limitations

Activity and use limitations are legal or physical restrictions or limitations on the use of, or access to, a site or facility to reduce or eliminate potential exposure to contaminants or to prevent activities that could interfere with the effectiveness of a response action protecting public health or the environment. AULs are often recorded at the land title office (commonly the County Clerk's office). AUL information is not typically contained in a chain of title report. In some cases, an AUL may not have been filed at the land title office but may be found in a separate environmental agency database.

Engineering control (EC) and institutional control (IC) listings are maintained by the USEPA and NYSDEC and are controls designed to prevent exposure to contaminants remaining on a site. Engineering and institutional controls are types of AULs. Engineering controls are physical modifications to a site. Institutional controls are legal or administrative restrictions on the use of, or access to, a site.

Readily available EC and IC listings were reviewed by EDR, but other AUL information may be applicable. If an AUL search was conducted as part of the environmental liens search, the results are indicated below. However, AULs may only exist in project documentation, which may not be readily available to the environmental professional. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Impact to Subject Property*	*Rationale*
US ENG CONTROLS	No	None	Not Present
NY ENG CONTROLS	No	None	Not Present
US INST CONTROL	No	None	Not Present
NY INST CONTROL	No	None	Not Present
AULs	Not Searched	N/A	Not Searched

3.10 Environmental Liens

An environmental lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws. An environmental liens report was not acquired for this report.

	Subject Property:	*Impact to Subject Property*	*Rationale*
Environmental Liens	Not Searched	N/A	Not Searched

3.11 Other Conditions of Concern

E-Designation Site list

An (E) designation requires that the fee owner of a property conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designation also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP. Details pertaining to these sites can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.125 mile*:	*Impact to Subject Property*	*Rationale*
NY E DESIGNATION	Yes (4)	98 / 0*	Potentially	See Below

- Block 10001 Lot 1 & Block 10002 Lots 1, 10, and 13, the subject property, is listed as an E-Designation site. The property was identified with the City Environmental Quality Review (CEQR) #05DCP081Q and E-No E-175. If redevelopment is to occur on the subject property, hazardous materials testing protocol is required to be completed and reviewed by the NYCOER prior to NYC DOB issuing a building permit.

Based on the E-designation from the NYCOER, PVE considers this listing to represent a REC.

PVE/LENV personnel have reviewed the remaining 98 E-Designation sites. PVE does not consider these listings to represent RECs.

Manifests

A manifest is a document that lists and tracks hazardous waste from the generator, through transporters, to a TSD facility indicating that hazardous wastes have been properly transported in

accordance with state and federal regulations. Details pertaining to these sites can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Adjoining Properties:*	*Impact to Subject Property*	*Rationale*
NY MANIFEST	Yes	3 / 0*	Potentially	See Below
NJ MANIFEST	Yes	1 / 0*	Potentially	See Below
MANIFEST	Yes	0 / 0*	Potentially	See Below

NY/NJ/MANIFEST:

- Abbot Industries Inc., located at 95-25 149th Street, the subject property. The listing is related to the disposal of halogenated solvents, and the facility received a written, informal violation in 1991. No additional information was provided.

Due to the presence of a violation, PVE/LENV considers this listing to represent a REC.

- Con Edison, located at 95-08 150th Street, the subject property. No violations were observed in association with this listing.

- Con Edison, located in front of 95-10 150th Street, the subject property. No violations were observed in association with this listing.

- Con Edison, located at 95-34 150th Street, an eastern adjoining property. No violations were observed in association with this listing.

- Con Edison Service Box: 11198, located in front of 95-34 150th Street, an eastern adjoining property. No violations were observed in association with this listing.

- Con Edison, located in front of 95-24 150th Street, an eastern adjoining property. No violations were observed in association with this listing.

Based on the lack of violations for the properties described in the manifests, PVE/LENV does not consider these listings to represent RECs.

Manufactured Gas Plants

Manufactured gas plants (MGPs) produced gas for fuel until the 1950s. A significant amount of waste and hazardous byproducts were typically generated and often disposed of at the plant, resulting in contamination of the site.

EDR Database Acronym:	*Subject Property*:	*Properties within 1 mile*:	*Impact to Subject Property*	*Rationale*
EDR MGP	No	1 / 0*	Not Anticipated	See Below

- Jamaica Gas and Light, located at Beaver Road & 158th Street, 925 feet northeast (topographically up-gradient) of the subject property. No additional information was provided.

Based on the distance of this listing in relation to the subject property, PVE/LENV does not consider this listing to represent a REC.

Drycleaners

EDR has searched NYSDEC's list of registered drycleaning facilities. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.25 mile*:	*Impact to Subject Property*	*Rationale*
DRYCLEANERS	No	1 / 0*	Potentially	See Below

- HWC Dry/C&G Cleaners, located at 95-19 Sutphin Boulevard, 444 feet west (topographically up-gradient) of the subject property.

Based on the proximity and/ up-gradient nature of this listing in relation to the subject property, PVE/LENV considers this listing to represent a REC.

Historic Service Stations

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

EDR Database Acronym:	*Subject Property*:	*Properties within 0.25 mile*:	*Impact to Subject Property*	*Rationale*
EDR US Hist Auto Stat	No	4 / 0*	Not Anticipated	See Below

- 150-05 Liberty Avenue, located 204 feet southeast (topographically down-gradient) of the subject property, is identified as a gasoline service station from 1969 – 1975.

- 150-19 Liberty Avenue, located 310 feet east (topographically down-gradient) of the subject property, is identified as a transmission repair shop from 1990 – 1999.

- 150-14 Liberty Avenue, located 367 feet southeast (topographically down-gradient) of the subject property, is identified as an automotive repair shop from 1978 – 2014.

- 97-44 Sutphin Avenue, located 588 feet southwest (topographically up-gradient) of the subject property, is identified as a gasoline service station and auto repair shop from 1969 – 2014.

Based on the distance and/or down-gradient nature of these listings in relation to the subject property, PVE/LENV does not consider these listings to represent RECs.

Historic Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.25 mile*:	*Impact to Subject Property*	*Rationale*
EDR US Hist Cleaners	No	1 / 0*	Not Anticipated	See Below

- 95-19 Sutphin Boulevard, 444 feet west (topographically up-gradient) of the subject property, is identified as a drycleaner from 1986 – 2008.

Based on the proximity and/or up-gradient nature of this listing in relation to the subject property, PVE/LENV considers these listings to represent RECs.

Registered Recycling Facility List

NYSDEC maintains a database of recycling facilities (SWRCY). Only those that cannot be precisely located (orphans) or those thought to have a potentially negative environmental impact on the subject property are summarized below. Further information can be reviewed in Appendix B.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.5 mile*:	*Impact to Subject Property*	*Rationale*
NY SWRCY	No	7 / 0*	Not Anticipated	See Below

- Jamaica Recycling Metal Heaven, located at 147-20 Liberty Avenue, 592 feet south-southwest (topographically up-gradient) of the subject property, is identified as an inactive recycling facility.

- EWG Glass Recovery and Recycling, located at 94-54 158th Street, 932 feet east-northeast of the subject property, is identified as an active recycling facility.

- TNT Recycling, T&T Recycling, Nationwide Scrap, and Nationwide Recycling Center, all located at 154-20 South Avenue, 1,192 feet southeast (topographically down-gradient) of the subject property, are identified as inactive recycling facilities.

- Babylon Paper Recycling, located 1,192 feet southeast (topographically down-gradient) of the subject property, is listed as an inactive recycling facility.

Based on the distance and/or down-gradient nature of these listings in relation to the subject property, PVE/LENV does not consider these listings to represent RECs.

NY TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

EDR Database Acronym:	*Subject Property*:	*Properties within 0.25 mile:*	*Impact to Subject Property*	*Rationale*
TANKS	No	1 / 0*	Not Anticipated	See Below

- PBS #2-606822, LIRR – Jamaica Station, located 916 feet northwest (topographically up-gradient) of the subject property. Tank information is withheld (not releasable under the Freedom of Information Law) in accordance with the Public Officers Law Sections 86.5, 87.2(f), 89.5(a)(1)(1-a).

Based on the distance of this listing in relation to the subject property, PVE/LENV does not consider this listing to represent a REC.

4.0 Physical Setting Analysis

The physical setting of the subject property was evaluated by consulting regional maps and other sources. Following is a summary of this review.

4.1 7.5 Minute USGS Topographic Map

According to the Jamaica, New York USGS topographic map, the subject property is approximately 38 feet above mean sea level.

4.2 Regional Hydrogeology

Based on topography, groundwater is presumed to flow to the south-southeast, towards Jamaica Bay.

5.0 Site Reconnaissance

PVE/LENV personnel inspected the subject property on November 11, 2019. The site reconnaissance and interviews were conducted by Samuel Ambrose and Erik Draijer. Photographs are attached in Appendix D.

The reconnaissance included a walk-through of all accessible interior common areas of the subject property and exterior locations. Adjoining properties were visually assessed from the subject property boundary, public right-of-ways, or other vantage points, and are summarized in Section 2.3. 95-08 150th Street was not inspected due to tenant restrictions. Approximately 1,000 square feet of office space at 95-04 149th Street was not inspected due to tenant restrictions.

5.1 General Site Observations Table

Below are items visually and/or physically observed. Items marked with "†" are defined below.

Item	Observed at Site or Known to Exist		Further explanation below	Brief notes
	Yes	No		
Storage Tanks	X		X	One (1) 7,500-gallon #4 fuel oil AST and one (1) decommissioned, 10,000-gallon #4 fuel oil UST.
Drums†		X		
Hazardous† or Regulated Substances		X		
Petroleum Products† Containers		X		
Unidentified Substance Containers		X		
Polychlorinated Biphenyls (PCBs)	X		X	Six (6) hydraulic lifts.
Evidence of Solid Waste Disposal (including mounds or filled areas)		X		
Strong, Pungent, or Noxious Odors		X		
Pools of Liquid		X		
Stained Soil or Pavement		X		
Corrosion		X		
Stressed Vegetation		X		
Septic Systems		X		

Item	Observed at Site or Known to Exist		Further explanation below	Brief notes
	Yes	No		
Pits, Ponds, or Lagoons†		X		
Floor Drains or Sumps†	X		X	Various drains throughout property.
Wastewater†		X		
Liquid discharges into drainage systems, including stormwater		X		
Wells (including dry wells†)		X		
Other Conditions of Concern		X		

Definitions

Drum: A container (typically, but not necessarily, holding 55 gallons) that may be used to store hazardous substances or petroleum products.

Dry wells: Underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and unintentional) and wastewater disposal (often illegal).

Hazardous substance: A substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C.§9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C.§§6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products: Those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.)

Pits, Ponds, or Lagoons: Man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Sump: A pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

Wastewater: Water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

5.2 Site Visit Observations

The subject property consists of four (4) lots (Block 10001 Lot 1 & Block 10002 Lots 1, 10, and 13). According to NYC DOB, the lots contain nine (9) industrial and warehouse buildings. The properties on each Block (10001 and 10002) are separated by 149th Street, running north to south. The entire structure on the west side of 149th Street (Block 10001) is operated by three (3) commercial tenants that utilize the property for warehouse storage and distribution. Each tenant space was accessible from within the structure. Tenants included Ceratile (floor tile distributor), Fine Express, Inc. (moving company), and Dale Pro Audio (audio equipment wholesaler). Two (2) sub-grade basement levels are located beneath the ground-level space where utilities are located with surrounding common space. The address associated with the building on this block is 95-04 149th Street. A parking lot is located on the southern side of the block for tenants.

Block 10002, to the east of 149th Street, contains several buildings that are interconnected, with two (2) outer buildings located to the east with separate entrances (Lots 10 and 13). The building located at 95-08 150th (Lot 10) was not accessible due to legal complications between the owner and tenant. According to Mr. Jeff Grossman, the property owner, the building is utilized for office space and construction materials storage. Several basements and sub-grade cellars were observed below the buildings on this block. Crawl spaces are constructed beneath buildings that don't have a full floor basement. The majority of the buildings on this block are vacant, former industrial buildings that are utilized for professional films and television sets, leased on weekly to monthly basis. The addresses associated with the buildings on this block are as follows: 95-08 & 95-12 150th Street, and 95-25 149th Street.

According to Mr. Grossman, these buildings have been owned by his family since 1958, operating as Abbot Industries, a metal plating, finishing and manufacturing industry. According to the owner, perchloroethylene was utilized in vaporizing operations for metals, predominately located in 95-08 150th Street.

One (1) 7,500-gallon, vaulted #4-fuel oil aboveground storage tank was observed in the basement of 95-25 149th Street on Block 10002. The tank was observed to be in good condition with no staining on the floor of the vault. The associated fill line and vent line were observed inside the tank vault and traced to the exterior of the structure exterior. According to Mr. Grossman, a 10,000-gallon fuel oil tank is located on Block 10001 and was closed in-place on August 11, 2014. No lines, fill ports, or vents were observed in association with this tank.

Approximately six (6) loading docks with lifts are located throughout the subject property. An additional eleven (11) bay doors are located throughout the subject property constructed at street

grade. Each of these doors and lifts are equipped with hydraulic equipment containing approximately 5-10 gallons of hydraulic oil. No releases were observed in the vicinity of the lifts or bay doors. One (1) hydraulic freight elevator is located in the building on Block 10001.

Several floor drains were observed throughout the property. No staining or liquid discharge was observed near the drains. The discharge locations are not known.

The adjoining properties to the west are one and two-family residential structures. To the north, the adjoining properties include a concrete manufacturer, parking facilities, residential structures, and vacant land. The eastern properties are of commercial, residential, industrial, and manufacturing uses, and the properties to the south are primarily residential. Active vehicle dismantling was observed at a southern adjoining property.

6.0 Property History

The history of the subject property and surrounding area was researched through a review of readily ascertainable standard historical sources. These sources may include current and past owners, property records, recorded land title records, property tax files, building department records, and/or zoning and land use records. This review was conducted in order to identify those uses that are likely to have led to recognized environmental conditions. Following is a summary of these findings. Specific sources are documented first, followed by a summary at the end of this section, which may include information initially described in other sections of this report.

6.1 Property Ownership

Property ownership history was researched through the New York City Department of Finance Office of the City Register. Previous owners and the approximate date of purchase are listed below. This ownership record is based on reasonably attainable information, may be incomplete, and does not constitute a title search.

95-04 149th Street (Block 10001 Lot 1)

Seller/Grantor	***Buyer/Grantee***	***Approximate Date of Purchase***
Unknown	Ackerly Eugene H Exec of	Unknown
Ackerly Eugene H Exec of	149th St Operating Corp	4/27/1970

95-25 149th Street (Block 10002 Lot 1)

Seller/Grantor	***Buyer/Grantee***	***Approximate Date of Purchase***
Unknown	149th St Operating Corp	Unknown
149th St Operating Corp	Abbot Wire Products Inc SUCC By Merger	5/30/1974

95-08 150th Street (Block 10002 Lot 10)

Seller/Grantor	***Buyer/Grantee***	***Approximate Date of Purchase***
Unknown	Relnor Realty Corp	Unknown
Relnor Realty Corp	Abbot Wire Prod Inc	1/22/1976

95-12 150th Street (Block 10002 Lot 13)

Seller/Grantor	*Buyer/Grantee*	*Approximate Date of Purchase*
Unknown	Relnor Realty Corp	Unknown
Relnor Realty Corp	Abbot Wire Prod Inc	1/22/1976

6.2 Topographic Maps

Topographic maps were obtained from http://www.historicaerials.com. Below is a discussion of the changes to the subject property and pertinent changes in surrounding properties:

1889	The block the subject property is located on appears to be developed with structures; local structure density is too high to depict individual structures.
1891	See 1889 description.
1898	See 1889 description.
1900	See 1889 description.
1903	See 1889 description.
1905	See 1889 description.
1906	See 1889 description.
1908	See 1889 description.
1910	See 1889 description.
1916	See 1889 description.
1924	See 1889 description.
1931	See 1889 description.
1938	See 1889 description.
1947	See 1889 description.
1948	See 1889 description.
1959	See 1889 description.

1961	See 1889 description.
1966	See 1889 description.
1969	See 1889 description.
1979	See 1889 description.
1988	See 1889 description.
2000	See 1889 description.
2013	See 1889 description.
2016	See 1889 description.

6.3 Aerial Photographs

Aerial photographs were obtained from http://www.historicaerials.com. Below is a discussion of the changes to the subject property and pertinent changes in surrounding properties:

1954	Structures depicted on Block 10002 Lots 1, 10, & 13 are similar in size and footprint to the present-day structures. Block 10001 Lot 1 contains several small structures. An area to the east appears to be a junkyard.
1966	See 1954 description.
1980	All lots contain structures similar in size and footprint to the present-day structures.
1994	See 1980 description.
2004	See 1980 description.
2006	See 1980 description.
2008	See 1980 description.
2009	See 1980 description.
2011	See 1980 description.
2012	See 1980 description.
2013	See 1980 description.
2015	See 1980 description.

6.4 Fire Insurance Maps

Fire Insurance maps were provided in the EDR report and are attached in Appendix B. Below is a discussion of the changes to the subject property and pertinent changes in surrounding properties:

1891	Subject Property: Block 10001 Lot 1 contains one (1) small dwelling on the southern portion of the lot. The western portion of the lot does not have Sanborn exposure or coverage. Block 10002 Lots 10 and 13 are vacant. Block 10002 Lot 1 contains two (2) dwellings on the northern portion of the lot and one (1) two-story dwelling in the center. The southern portion of the lot is labeled as Jas. Macbeth cap and fuse factory, and contains two (2) one-story sheds, a tarring house, and a two-story structure labeled "shipping filling" with four (4) one-story additions. The eastern border of the southern portion of the lot contains portions of two (2) additional one-story structures, which are labeled as coal and tinning houses. The two blocks are split by Schooley Place, north to south. Adjoining Properties: No environmentally pertinent properties are depicted. Nearby Properties: No environmentally pertinent properties are depicted.
1897	Subject Property: Block 10002 Lot 1 is relatively unchanged since 1891, labeled as Jas Macbeth Blasting Cap and Fuse Factory, and Manufacturer of Patent Blasting Machinery. Some structures are relabeled, now depicted as a tanning structure and machine shop. A small structure along the northwestern potion of the lot is depicted as being used for burning refuse. Block 10002 Lot 10 contains two (2) one-story structures; a drying room and a storage structure. Block 10001 is relatively unchanged from 1891. Adjoining Properties: See 1891 description. Nearby Properties: See 1891 description.
1901	Subject Property: Relatively unchanged from 1897 with the following exceptions: Four (4) additional dwellings are depicted on Block 10001 Lot 1. Additional structures are depicted on the northwest portion of Block 10002 Lot 1 but are not labeled. Adjoining Properties: See 1891 description. Nearby Properties: See 1891 description.
1911	Subject Property: Relatively unchanged from 1901 with the following exceptions: An additional two-story dwelling and a one-story store are depicted on Block 10001 Lot 1. Several additional sheds and small structures are depicted. Block 10002 is now labeled as General Acoustic Company. Structures on Block 10002 Lot 1 have been labeled as a machine shop and plating shop, assembly room, storage room, private garage. and laboratory. Block 10002 Lot 10 contains only a portion of a small, unlabeled structure. Adjoining Properties: A paint shop is located on a northeast adjoining property, and a battery room is depicted to the southeast of the subject property. Nearby Properties: See 1891 description.

1925	Subject Property: Block 10001 Lot 1 now contains a total of eight (8) two-story dwellings, a store, a storage structure, and a vacant portion near the center of the lot is labeled as Dictagraph Products Corp. Block 10002 Lots 10 and 13 contain a battery service structure, and a garage respectively. Block 10002 Lot 1 contains various industrial structures similar in size and footprint to the present-day structures. The structures are labeled as painting, assembling, shipping, office, carpenter shop, winding, and machine shop. One (1) 1 ½-story dwelling is depicted on the northern portion of the lot. Adjoining Properties: See 1911 description. Nearby Properties: An auto repair shop is located 350 feet northeast of the subject property. A structure depicted as Eleto Co's Garage is located 65 feet northeast of the subject property and contains an underground gasoline storage tank. A structure depicted 100 feet northeast of the subject property is labeled as Hyman's N.Y. and Jamaica Auto Express and contains an underground gasoline storage tank. A property 170 feet to the northeast is labeled as a garage and contains two (2) underground gasoline storage tanks. A structure 175 feet north-northeast of the subject property is labeled as N.Y. Telephone Company & Garage and contains an underground gasoline storage tank.
1942	Subject Property: The dwelling located on the northern portion of Block 10002 Lot 1 is no longer depicted. The northern portion of the lot has been redeveloped into a multi-use structure containing a paint room, machine shop, a nickel-plating room, and an area for washing metal parts. The structure on Block 10002 Lot 13 is now depicted as an oil burner manufacturer. Block 10001 Lot 1 contains a windshield wiper manufacturing structure in the northern portion of the lot. Adjoining Properties: An adjoining property to the east is labeled as a garage and contains a gasoline storage tank. An adjoining property to the east-northeast contains four (4) gasoline storage tanks. Nearby Properties: A garage is depicted 150 feet to the east of the subject property and contains a gasoline storage tank. A gasoline filling station is depicted 165 feet east-southeast of the subject property and contains four (4) gasoline storage tanks. The structure previously occupied by N.Y Telephone Company is now depicted as an auto repair shop. N.Y. Telephone Co is now located 170 feet north of the subject property and contains a private garage with several gasoline storage tanks. A filling station and auto repair shop are located 360 feet to the southeast. The properties are topographically cross-gradient. Eleto Co's Garage is now depicted as a bakery and the storage tank is not depicted. Hyman's Auto Express is now depicted as a newspaper depot and the gasoline storage tank is not depicted.
1951	Subject Property: Relatively unchanged from 1942, with the addition of a one-story building on the northwest corner of Block 10001 Lot 1. The tin shop on Block 10002 Lot 10 is now a larger one-story building depicted as a Paper Box manufacturing facility. Adjoining Properties: An eastern adjoining property is depicted as a store fixtures manufacturer. Nearby Properties: A property 80 feet to the northeast is depicted as an electric motor manufacturer. A machine shop depicted 150 feet to the east. An auto service station is depicted 210 feet to the north. The structures are topographically cross-gradient. The

	filling station located 359 feet to the southeast is no longer depicted.
1963	Subject Property: Relatively unchanged from 1951, with the exception of Dictograph Products Corp. on Block 10001 Lot 1 now operating as Abbott Wire Products, Inc. Adjoining Properties: See 1942 description. Nearby Properties: An auto repair shop is depicted 350 feet north (topographically up-gradient) of the subject property. N.Y. Telephone Company is now depicted as Falmark Fabrics and the gasoline storage tanks are not depicted. The auto service station 210 feet to the north is now depicted as an auto painting and spraying facility.
1967	Subject Property: See 1963 description. Adjoining Properties: A northeast adjoining property is depicted as a machine shop. An eastern adjoining property. Nearby Properties: A filling station is depicted 145 feet south of the subject property. The auto service station 210 feet to the north is now depicted as a wire products manufacturer. A property 175 feet northeast of the subject property is depicted as an air conditioning manufacturer.
1981	Subject Property: Block 10001 Lot 1 is now depicted as a warehouse constructed in 1975 and a parking lot in southern portion. Only one (1) dwelling is depicted on the lot, on the western-central portion. Block 10002 is relatively unchanged, with the exception of Block 10 and 13 now operating as a Sink Top Manufacturer. Adjoining Properties: The four (4) gasoline tanks on the east-northeast adjoining property are no longer depicted. Nearby Properties: The wire products manufacturer is now depicted as a warehouse. An auto repair shop is depicted 190 feet to the south.
1982	Subject Property: See 1981 description. Adjoining Properties: See 1981 description. Nearby Properties: See 1981 description.
1985	Subject Property: Relatively unchanged, with the exception of the dwelling on Block 10001 Lot 1 no longer depicted. Adjoining Properties: See 1981 description. Nearby Properties: The filling station 165 feet to the east-southeast is no longer depicted.
1986	Subject Property: See 1985 description. Adjoining Properties: See 1981 description. Nearby Properties: See 1985 description.
1987	Subject Property: See 1985 description. Adjoining Properties: See 1981 description. Nearby Properties: A property 125 feet to the east is depicted as a junkyard.
1988	Subject Property: See 1985 description. Adjoining Properties: See 1981 description.

	Nearby Properties: See 1987 description.
1990	Subject Property: See 1985 description. Adjoining Properties: See 1981 description. Nearby Properties: See 1987 description.
1991	Subject Property: See 1985 description. Adjoining Properties: See 1981 description. Nearby Properties: See 1987 description.
1992	Subject Property: See 1985 description. Adjoining Properties: An adjoining property to the east-northeast is depicted as an auto repair shop. Nearby Properties: See 1987 description.
1993	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 1987 description.
1995	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 1987 description.
1996	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 1987 description.
1999	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 1987 description.
2001	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 1987 description.
2002	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: An auto repair shop is depicted 65 feet northeast (topographically cross-gradient of subject property.
2003	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 2002 description.
2004	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 2002 description.

2005	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 2002 description.
2006	Subject Property: See 1985 description. Adjoining Properties: See 1992 description. Nearby Properties: See 2002 description.

6.5 City Directories

City directories list telephone company records of past occupants and businesses for an address by year, and is reviewed to determine if past occupants and businesses of the subject property and adjacent properties may have led to recognized environmental conditions. The city directory report is attached in Appendix B.

Subject Property

9504 149th
2005 – Bellantoni Frankie v, h Ball L S A
2000 – Frankie Bellaritoni
1991 – Fraumeni L
1983 – Fraumeni Lorraine
1976 – Herlihy Michl J
1970 – Herlihy Michl J, Timpanaro Frank V
1967 – Herlihy Michl J, Timpanaro Frank V
1962 – Herlihy Michl J, Timpanaro Frank V

9525 149 JAMACA
1945 – Dictograph Prods Inc fctry

9525 149TH ST
2005 – Abbott Industries Inc
2000 – Abbott Indstrs Inc
1991 – ABBOTT INDUSTRIES INC
1976 – ABBOTT WITE PRODS INC
1970 – Abbott Wire Prods Inc
1962 – Acousticon Div of Dictograph Prods Inc main ofc & fcty
1939 – Dictograph Products Co Inc

95-25 149TH ST
1950 – DICTOGRAPH PORDS INC-FCTRY

Adjoining Properties

Adjoining property addresses are based on the New York City Department of Finance Digital Tax Map (http://gis.nyc.gov/taxmap/), and are listed in Section 2.3.

No environmentally pertinent listings were observed.

6.6 Other Records and Interviews

Listed below are additional records requested and/or reviewed as part of this Phase I ESA. If information relevant to the findings and conclusions of this ESA has been received from these departments, it is summarized below and/or in other sections of this report.

Health Agency Records

An information request was sent to the NYC Department of Health and Mental Hygiene requesting any information the department has regarding on-site septic systems, supply or monitoring wells, chemical spills, health violations, or other environmental contamination issues associated with the site. If further information is received at a later date and modifies the conclusions of this report, we will notify the user of the report.

Fire Department Records

Pursuant to ASTM Standard E1527-13 Section 8.1.5, records that are obtainable within a reasonable time frame is information that will be provided by the source within 20 calendar days of receiving a public information request. Based on the expected response time of over 20 calendar days for the Fire Department of New York (FDNY), records from this agency are not considered reasonably ascertainable and therefore files were not requested.

NYC Property

The NYC Property website, http://webapps.nyc.gov:8084/CICS/fin1/find001I, was accessed for records relating to the subject property (Appendix C). The most recent assessment a warehouse and manufacturing/industrial structures to be present on the property.

Building Department

NYC Department of Buildings (DOB) records were accessed via http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp (Appendix C). The following are the Department of Finance Building Classifications for the lots: 95-04 149th Street (Block 10001 Lot 1) is classified as E1-General Warehouse, 95-25 149th Street (Block 10002 Lot 1) is classified as F1-Factory, Heavy Manufacturing, 95-08 (Block 10002 Lot 10) & 95-12 (Block 10002 Lot 13) are classified as F4-Factory, Industrial.

Any certificates of occupancy, a list of actions, and open violations for the subject property are attached in Appendix C.

NYC Department of Finance

The NYC Department of Finance Office of City Register website, https://a836-acris.nyc.gov/DS/DocumentSearch/BBL, was searched for records relating to the subject property (Appendix C). Property ownership information received from this source is included in Section 6.1.

Interview - Regulatory Agency

FOIL requests were submitted to the NYSDEC regarding Spills on the subject property and adjoining properties.

Interview - Current Owner

Mr. Jeff Grossman was available at the time of inspection. Any pertinent information disclosed is found in Section 5.2 of this report.

Interview - Current Operator/Occupant

No interviews were conducted with current operators or occupants because none were provided by the user.

Interview - Past Owner

No interviews were conducted with past owners because none were provided by the user.

Interview - Past Operator/Occupant

No interviews were conducted with past operators or occupants because none were provided by the user.

Interview – User

The user declined to complete the User Questionnaire provided by PVE/LENV personnel.

Other Interviews

No other interviews, other than those already mentioned, were conducted.

6.7 Summary of General Property History and Use

The earliest available Sanborn Map, the 1891 Map, depicts four (4) dwellings and Jas. Macbeth Cap & Fuse Factory on the subject property. Various residential, industrial, and manufacturing facilities and configurations were observed in the maps from 1891 – 1967. The property was utilized for residential space, a cap and fuse factory, machine shops, an oil burner manufacturer,

nickel plating, painting, carpentry, and various industrial and manufacturing purposes. The 1981 Sanborn depicts the subject property as containing structures similar in size and footprint to the present-day structures. Currently, the site contains a ceramic tile distributor and storage space, an audio products wholesaler, various warehouse areas, office spaces, and commercial tenant space.

7.0 Findings and Conclusions

PVE/LENV personnel have conducted a Phase I Environmental Site Assessment in conformance with ASTM Standard E1527-13 of the property at 95-04 & 95-25 149th Street and 95-08 & 95-12 150th Street, Queens, Queens County, New York (the subject property). Any exceptions to, or deletions from, this practice are described in Section 1.4 and 7.5 of this report.

Environmental Concern	Number of Findings
Recognized Environmental Conditions (RECs)	4
Controlled Recognized Environmental Conditions (CRECs)	None
Historical Recognized Environmental Conditions (HRECs)	1
De minimis Conditions	None
Data Gap/Data Failure	5

7.1 Recognized Environmental Conditions

The definition of a *recognized environmental condition* (REC) is the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (*1*) due to release to the environment; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the property, except for the following:

1. As indicated in Section 3.11 (Other Conditions of Concern), the subject property (Block 10001 Lot 1 & Block 10002 Lots 1, 10, and 13) is listed as an E-Designation site. Hazardous Materials testing protocol is required to be completed and reviewed by the NYCOER prior redevelopment at the site. Based on the nature of this listing, the E-designation represents a REC.

2. As indicated in Sections 5.2 (Site Visit Observations) and 6.4 (Sanborn Fire Insurance Maps), the subject property previously operated as Abbott Industries a metal plating, finishing and manufacturing facility. Industrial and manufacturing activities have occurred on site since at least 1897. Based on historical research, the property had machine shops, tanneries, painting rooms, nickel-plating rooms, a tarring house, cap and fuse factory, and battery servicing areas. Wastes generated at facilities such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.

3. As indicated in Sections 3.5 (State Registered Storage Tanks) and 3.6 (Petroleum and Hazardous Material Releases), NYSDEC Spill #8804089 occurred on August 9, 1988 when a 10,000-gallon UST on the subject property (PBS#2-249955), failed a tank tightness test. The installation date of the tank was not available, and although the file was closed and the tank was removed, no records of remedial action were readily attainable. PVE/LENV considers this condition to represent a REC. A FOIL request was submitted to NUSDEC. If further information is received at a later date and modifies the conclusions of this report, PVE/LENV will notify the user of the report.

4. As indicated in Sections 3.11 (Other Conditions of Concern), 3.4 (State Landfill and/or Solid Waste Disposal Sites, 5.2 (Site Visit Observations), 6.3 (Aerial Photographs), and 6.4 (Sanborn Fire Insurance Maps) the subject property is located in close proximity (134 feet) to a site previously utilized as a vehicle dismantling facility and junkyard. Additional vehicle dismantling was observed at an adjoining property during the site inspection. A historical and current drycleaner is located 444 feet west (topographically up-gradient) of the subject property and has been in operation since at least 1986. Sanborn maps revealed the presence of auto repair shops, filling stations, and garages with fuel storage tanks, between 65 feet and 350 feet (topographically cross-gradient) of the subject property. An air-conditioning manufacturer (175 feet up-gradient), a wire products manufacturer (210 feet up-gradient), an auto painting and spraying facility (210 feet up-gradient), were located near the subject property as well as machine shops on adjoining properties. Wastes generated at facilities such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition. Additionally, as indicated in Section 3.8 (State Voluntary Cleanup Program Sites), five (5) VCP sites are located within 335 – 586 feet (topographically up-gradient) of the subject property. RAWPs have been accepted, however no documentation of remediation was identified or readily attainable. Contaminants associated with these sites have the potential to migrate and affect soil vapor at the subject property.

7.2 Controlled Recognized Environmental Conditions

The definition of a *controlled environmental condition* (CREC) is a *recognized environmental condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls. Examples of controls include property use restrictions, activity and use limitations, institutional controls, and engineering controls. CRECs are a subset of RECs. This assessment has revealed no evidence of *controlled recognized environmental conditions* in connection with the property.

7.3 Historical Recognized Environmental Conditions

The definition of a *historical recognized environmental condition* (HREC) is a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls. This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the property.

7.4 De minimis Conditions

The term *recognized environmental conditions* is not intended to include *de minimis conditions*. *De minimis conditions* generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are *not* RECs or CRECs. This assessment has revealed no evidence of *de minimis conditions* in connection with the property.

7.5 Data Gaps and Data Failures

Data gaps are defined as a lack or inability to obtain information required by ASTM E-1527-13 despite good faith efforts to gather such information. A *data gap* by itself is not inherently significant and is only significant if other information raises reasonable concerns. Examples of *data gaps* are the inability to inspect portions of the subject property during the site inspection, and an inability to identify the historical use of the subject property back to 1940 but the earliest source shows the subject property to be undeveloped.

Data failures are a subset of *data gaps* and indicate a failure to achieve historical research objectives even after reviewing standard historical sources that are reasonably attainable and likely to be useful. *Data failures* can occur when the use of the property was unable to be identified at approximately five-year intervals back to the first use or 1940, whichever is earlier.

The following are data failures or data gaps encountered during this assessment:

1. Records of ownership of the subject property may be incomplete. The ownership record obtained during this assessment is based on reasonably attainable information and does not constitute a title search.

2. Data gaps in excess of five years were encountered during the review of the standard historical sources.

3. Interviews were not conducted with past owners, present operators, past operators, present occupants, or past occupants.

4. Even though the subject property or any of the adjoining properties were identified on one or more of the standard environmental record searches, a regulatory file review was

not performed because the files were not considered reasonably ascertainable (either not publically available, not obtainable within reasonable cost and time constraints [20 days], or not practically reviewable). Foil requests have been sent to the NYSDEC regarding Spill Files associated with adjoining properties.

5. 95-08 150th Street was not inspected due to tenant restrictions. Approximately 1,000 square feet of office space at 95-04 149th Street was not inspected due to tenant restrictions.

7.6 Conclusions and Opinions

REC #1 reported in Section 7.1 is located on the subject property. If redevelopment is to occur on the subject property, hazardous materials testing protocol is required to be completed and reviewed by the NYCOER. If additional information is needed regarding the requirements, PVE/LENV recommends contacting the NYCOER.

RECs #2 and #3 reported in Section 7.1 are located on the subject property. If additional information is needed pertaining to the potential for releases to impact the subject property, consideration should be given to further investigation.

REC #4 reported in Section 7.1 is not located on the subject property. If additional information is needed pertaining to the potential for releases to impact the subject property, consideration should be given to further investigation.

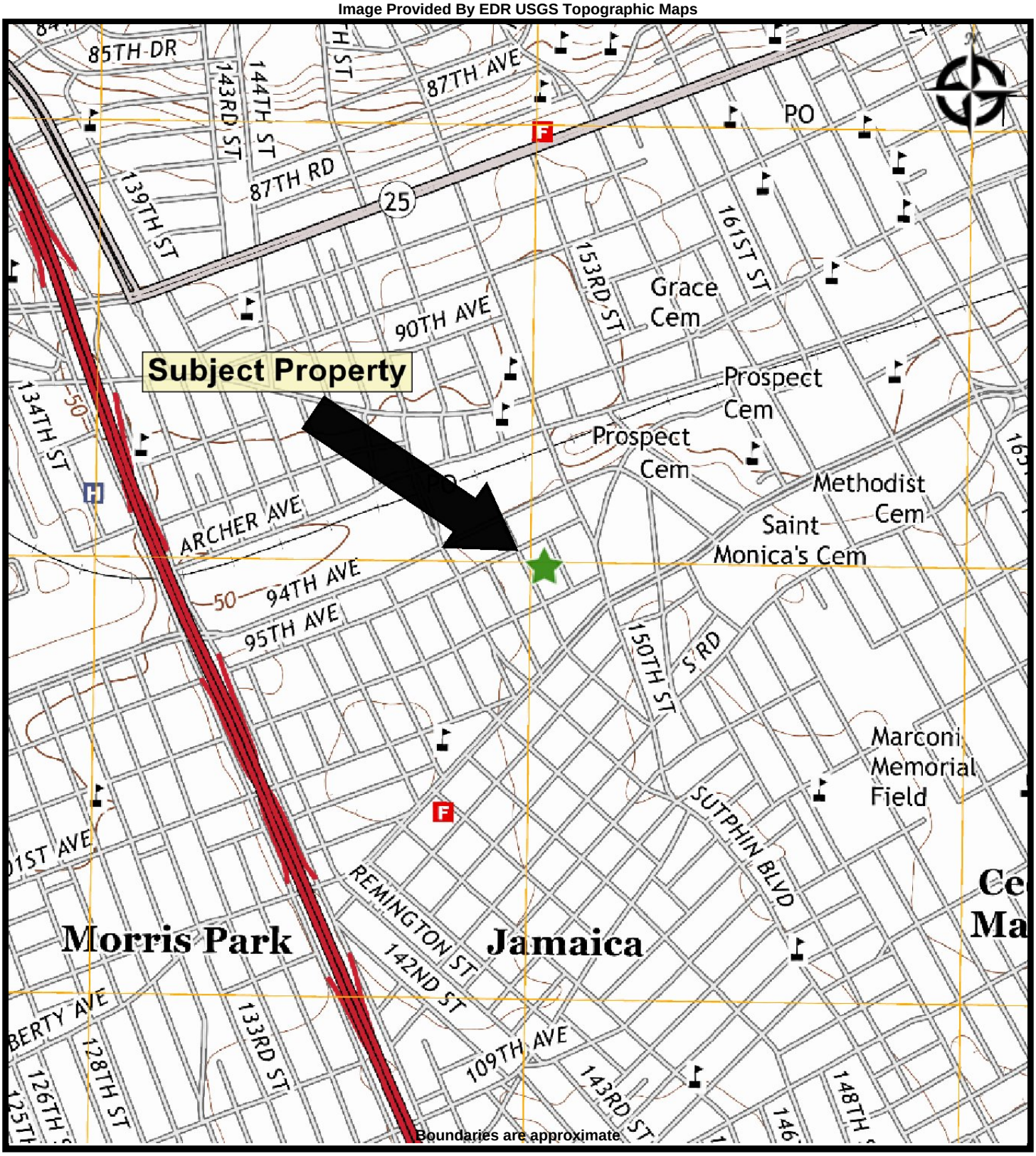
Based on other sources consulted during this Phase I ESA the above-referenced data gaps are not significant.

Standard Notes: As part of this Phase I ESA and in accordance with Section 7.5.2.1 of ASTM E 1527-13, PVE & LENV has made no attempt to independently verify the reliability of information provided. In addition and in accordance with Section 3.2.18 Note 3 of ASTM E 1527-13, a condition identified as a CREC does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Appendix A:

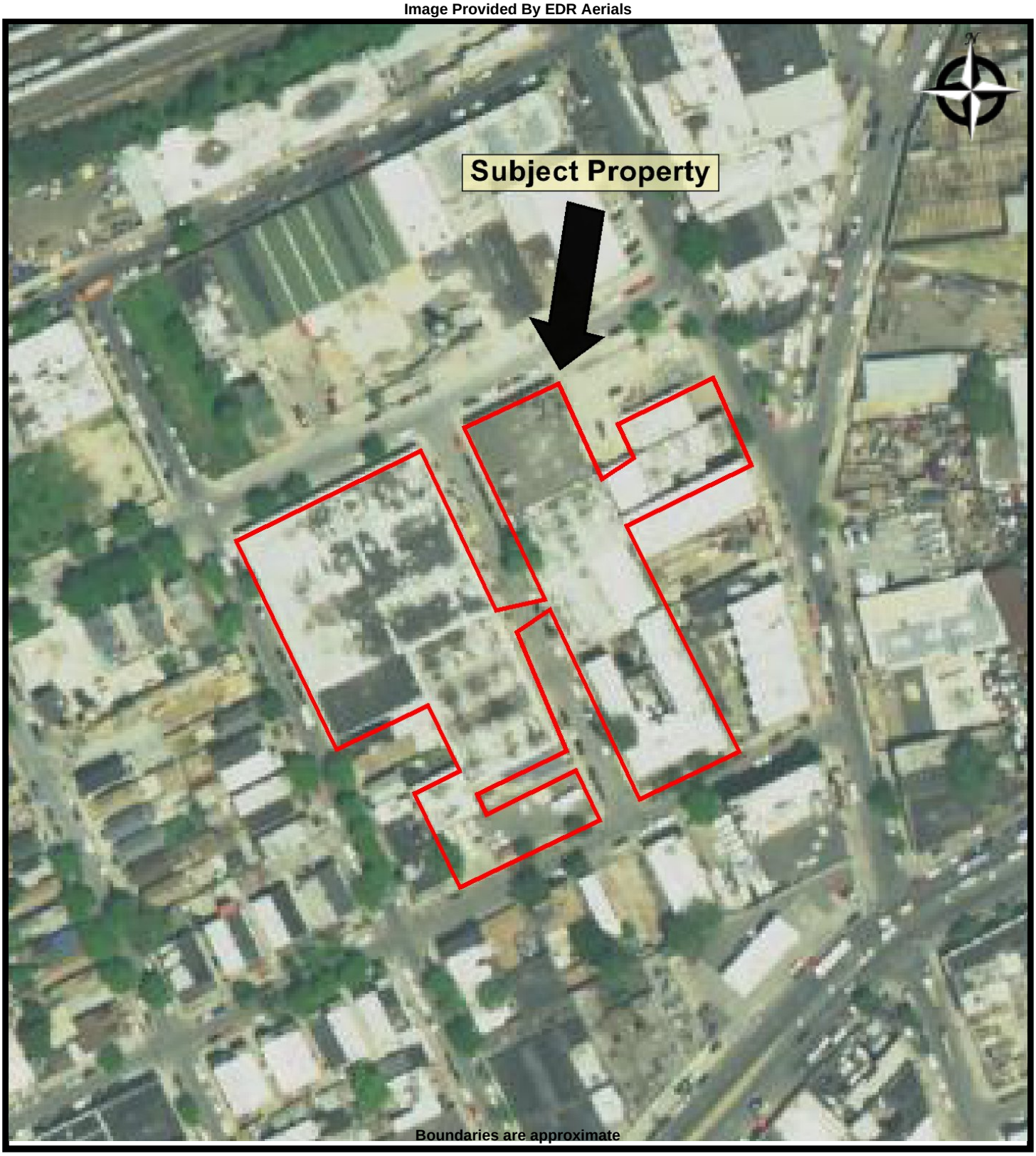
Site Maps

Image Provided By EDR USGS Topographic Maps



PVE	**SITE LOCATION** **95-04 149TH STREET, QUEENS, NY 11435** **95-04 149th Street** **Jamaica, New York 11435**
	PREPARED FOR: **PROJ. MGR:** **DATE: 11/8/2019** **DRAWN BY: Sam Ambrose** **PROJ. #: 500300**

Image Provided By EDR Aerials



PVE

SELECTED SITE FEATURES
95-04 149TH STREET, QUEENS, NY 11435
95-04 149th Street
Jamaica, New York 11435

PREPARED FOR:
PROJ. MGR:
DRAWN BY: Sam Ambrose
DATE: 11/8/2019
PROJ. #: 500300

Appendix B:

EDR Database Review Reports

95-04 149th Street, Queens, NY 11435

95-04 149th Street

Jamaica, NY 11435

Inquiry Number: 5857935.3

November 05, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
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Certified Sanborn® Map Report

11/05/19

Site Name:

95-04 149th Street, Queens, N
95-04 149th Street
Jamaica, NY 11435
EDR Inquiry # 5857935.3

Client Name:

PVE, LLC.
48 Springside Avenue
Poughkeepsie, NY 12603
Contact: Tara Alvarado

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

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

Certified Sanborn Results:

Certification # D98D-4D96-B2E4

PO # NA

Project NA

Maps Provided:

2006	1995	1985	1911
2005	1993	1982	1901
2004	1992	1981	1897
2003	1991	1967	1891
2002	1990	1963	
2001	1988	1951	
1999	1987	1942	
1996	1986	1925	

Sanborn® Library search results

Certification #: D98D-4D96-B2E4

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

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

The Sanborn Library LLC Since 1866™

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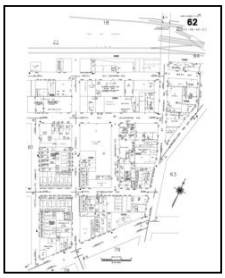
Sanborn Sheet Key

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

2006 Source Sheets

Volume 6, Sheet 63
2006



Volume 6, Sheet 62
2006

2005 Source Sheets

Volume 6, Sheet 62
2005

Volume 6, Sheet 63
2005

2004 Source Sheets

Volume 6, Sheet 63
2004

Volume 6, Sheet 62
2004

2003 Source Sheets

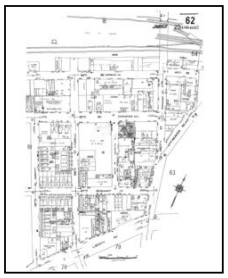
Volume 6, Sheet 62
2003

Volume 6, Sheet 63
2003

Sanborn Sheet Key

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

2002 Source Sheets



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2002

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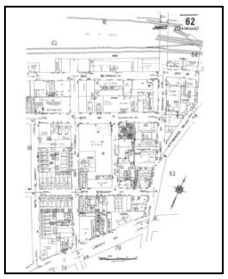
2002

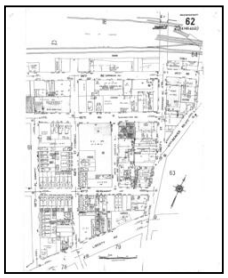
2001 Source Sheets



Volume 6, Sheet 62
2001

Volume 6, Sheet 63
2001

1999 Source Sheets



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1999

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1999

1996 Source Sheets

Volume 6, Sheet 60
1996

Volume 6, Sheet 61
1996

Sanborn Sheet Key

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

1995 Source Sheets

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1995

Volume 6, Sheet 63
1995

1993 Source Sheets

Volume 6, Sheet 62
1993

Volume 6, Sheet 63
1993

1992 Source Sheets

Volume 6, Sheet 62
1992

Volume 6, Sheet 63
1992

1991 Source Sheets

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1991

Volume 6, Sheet 63
1991

Sanborn Sheet Key

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

1990 Source Sheets

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1990

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1990

1988 Source Sheets

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1988

Volume 6, Sheet 63
1988

1987 Source Sheets

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1987

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1987

1986 Source Sheets

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1986

Volume 6, Sheet 63
1986

Sanborn Sheet Key

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1985 Source Sheets

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1985

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1985

1982 Source Sheets

Volume 6, Sheet 62
1982

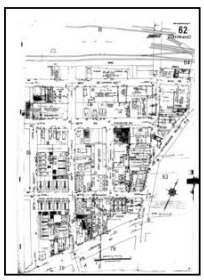
Volume 6, Sheet 63
1982

1981 Source Sheets

Volume 6, Sheet 62
1981

Volume 6, Sheet 63
1981

1967 Source Sheets



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1967

Volume 6, Sheet 63
1967

Sanborn Sheet Key

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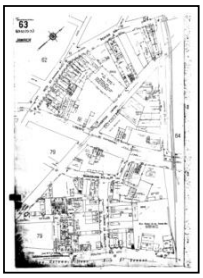
1963 Source Sheets

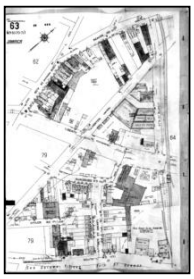
Volume 6, Sheet 62
1963



Volume 6, Sheet 63
1963

1951 Source Sheets

Volume 6, Sheet 62
1951



Volume 6, Sheet 63
1951

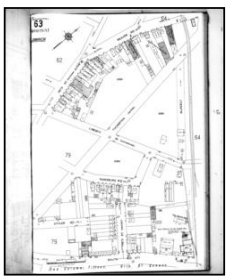
1942 Source Sheets

Volume 6, Sheet 62
1942

Volume 6, Sheet 63
1942

1925 Source Sheets

Volume 6, Sheet 62
1925



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1925

Sanborn Sheet Key

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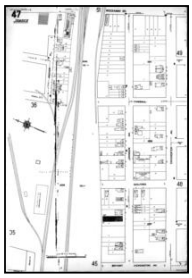
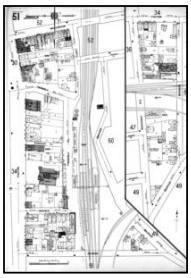
1911 Source Sheets

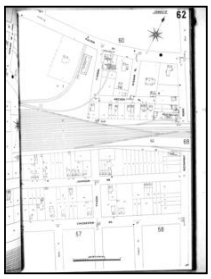

Volume 6, Sheet 47
1911

Volume 6, Sheet 48
1911

Volume 6, Sheet 49
1911

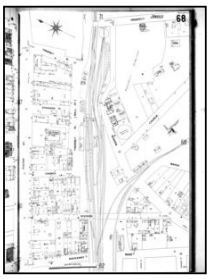

Volume 6, Sheet 51
1911

1901 Source Sheets


Volume 4, Sheet 62
1901

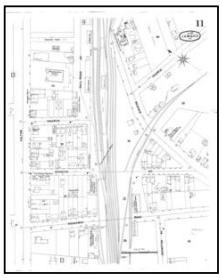
Volume 4, Sheet 57
1901

Volume 4, Sheet 58
1901


Volume 4, Sheet 68
1901

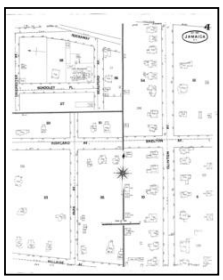
1897 Source Sheets

Volume 1, Sheet 4
1897

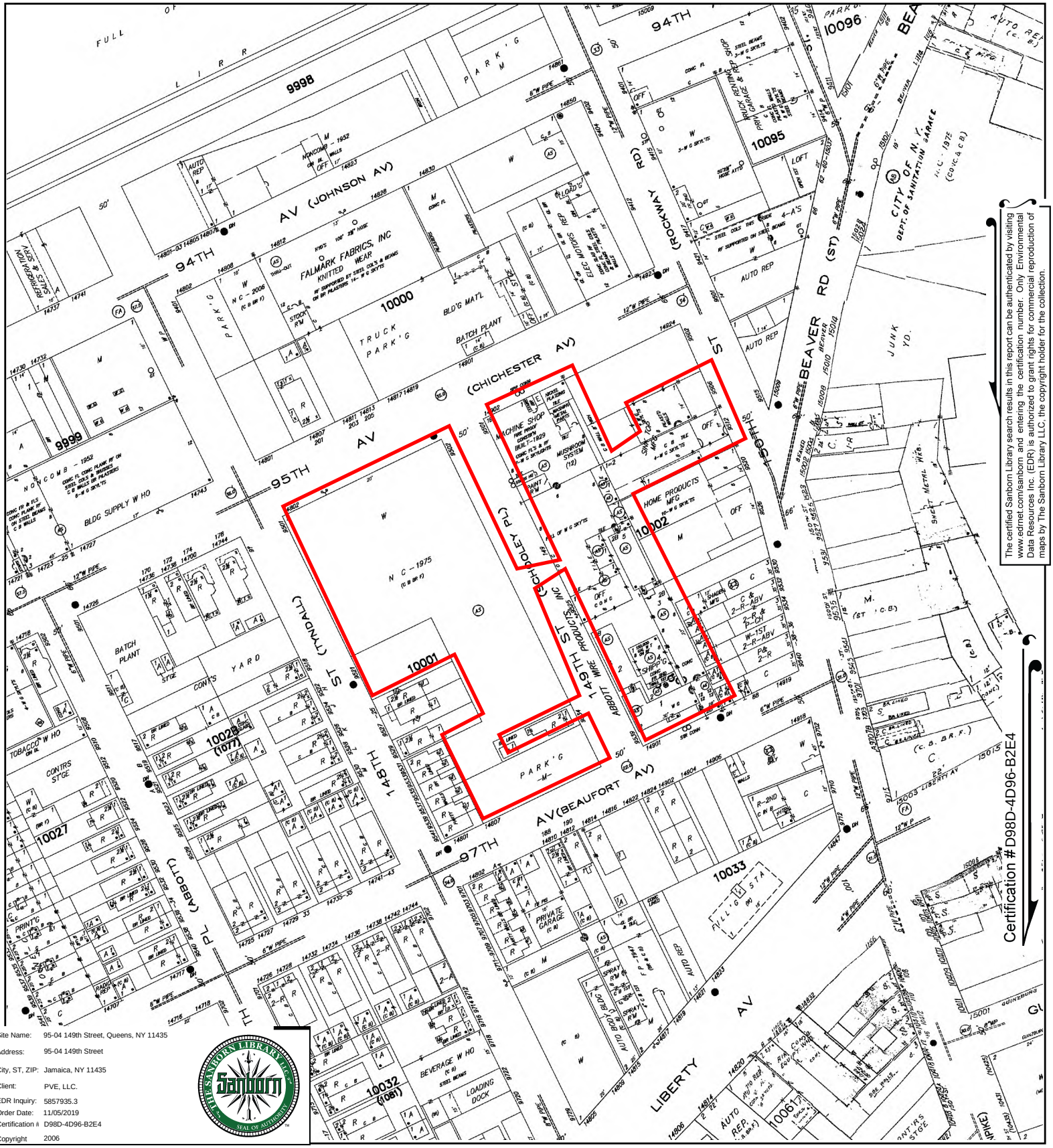

Volume 1, Sheet 11
1897

Volume 1, Sheet 13
1897

1891 Source Sheets


Volume 1, Sheet 4
1891

Volume 1, Sheet 9
1891



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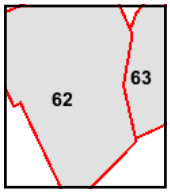

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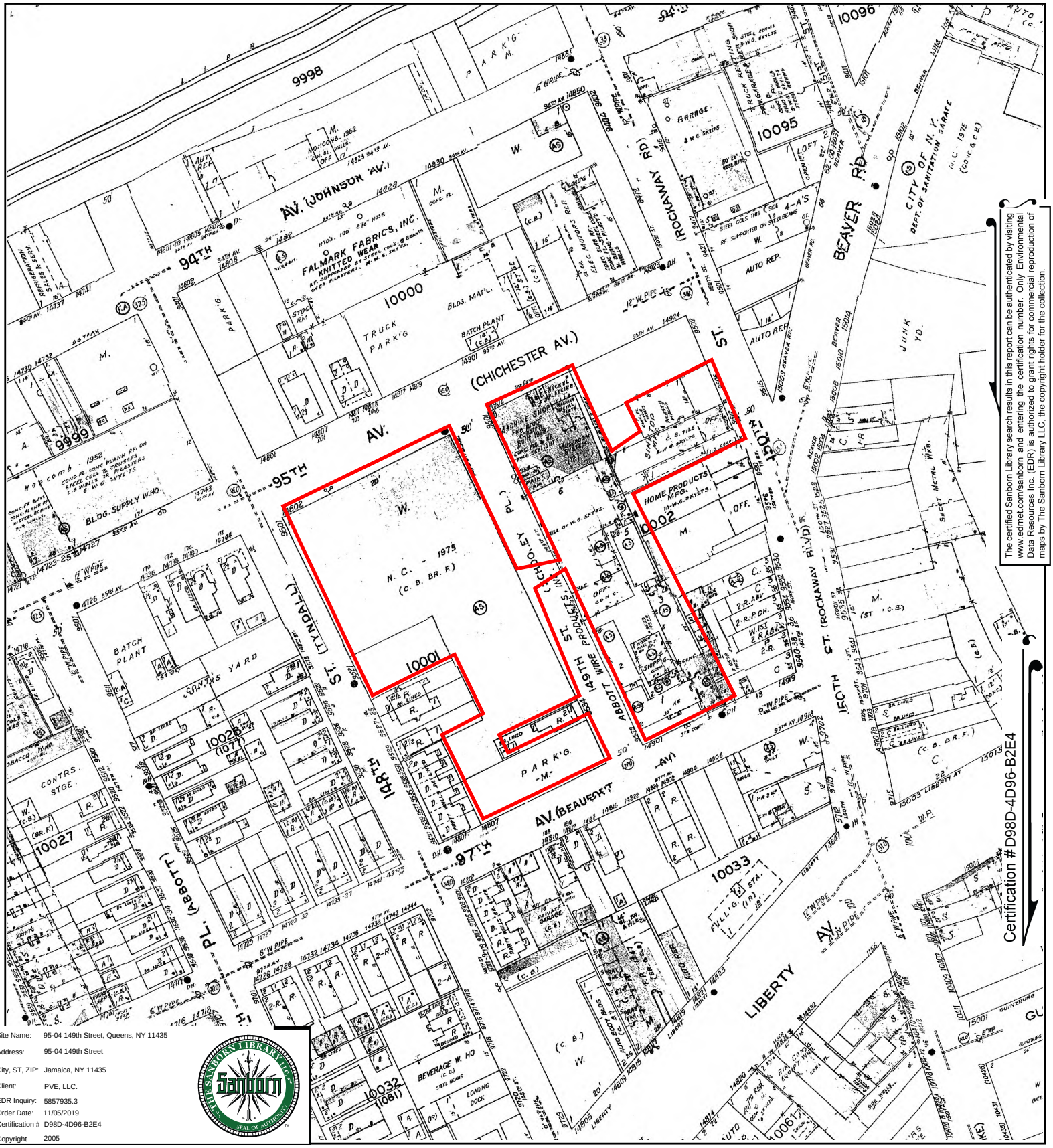

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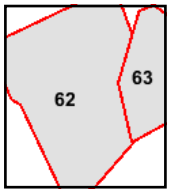

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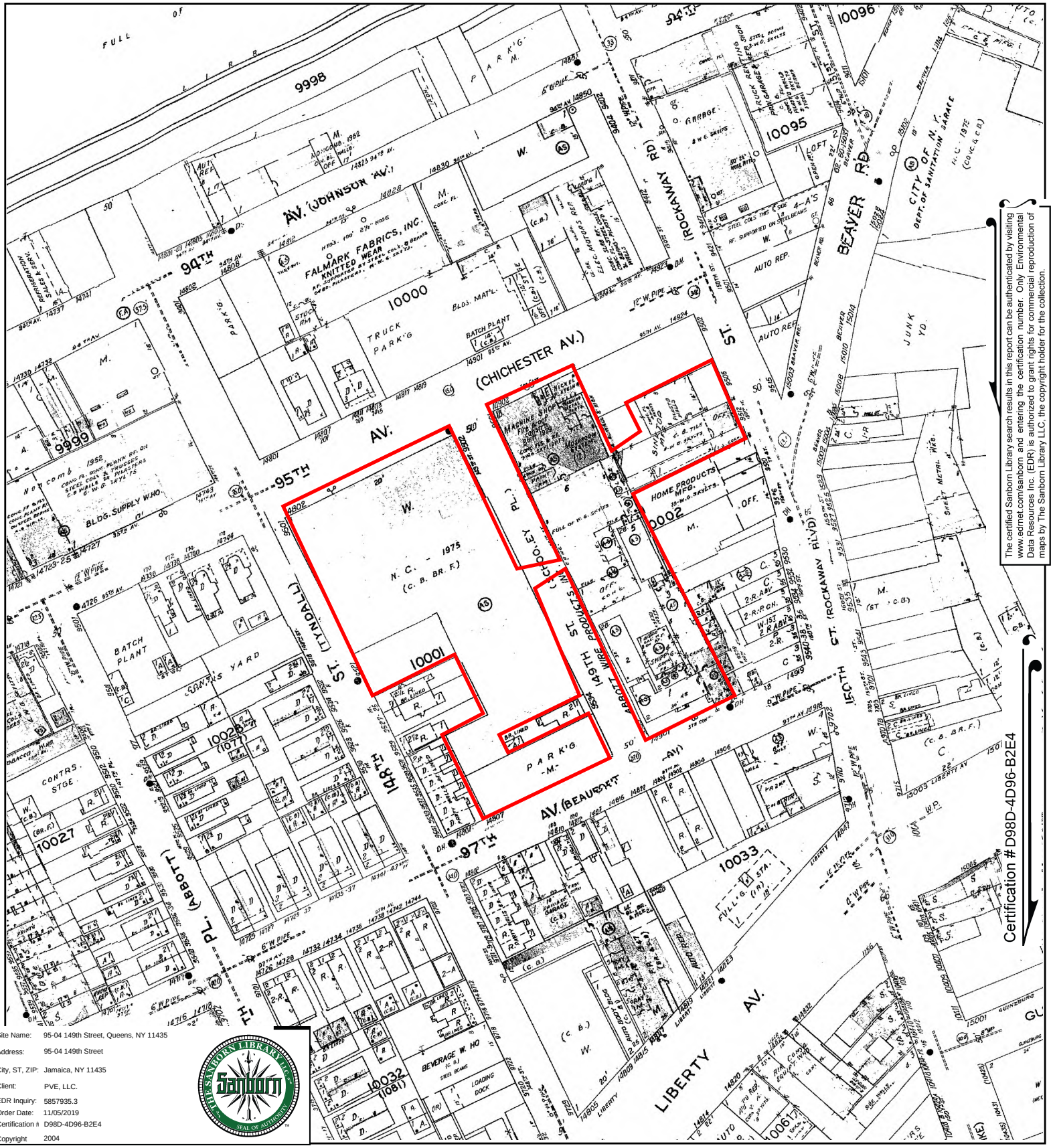

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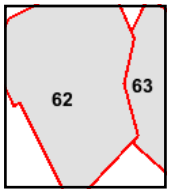

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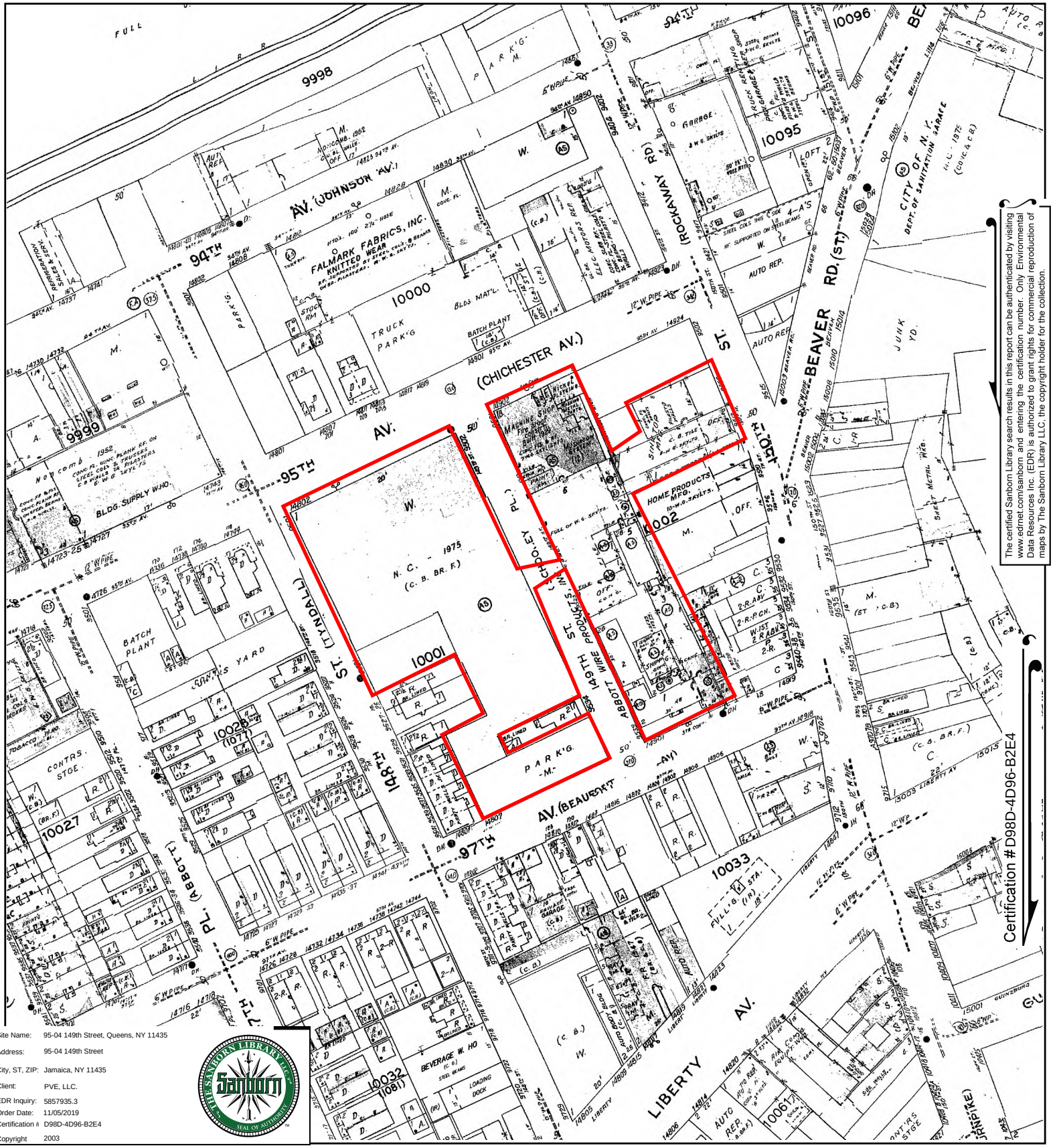

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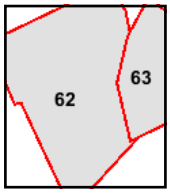

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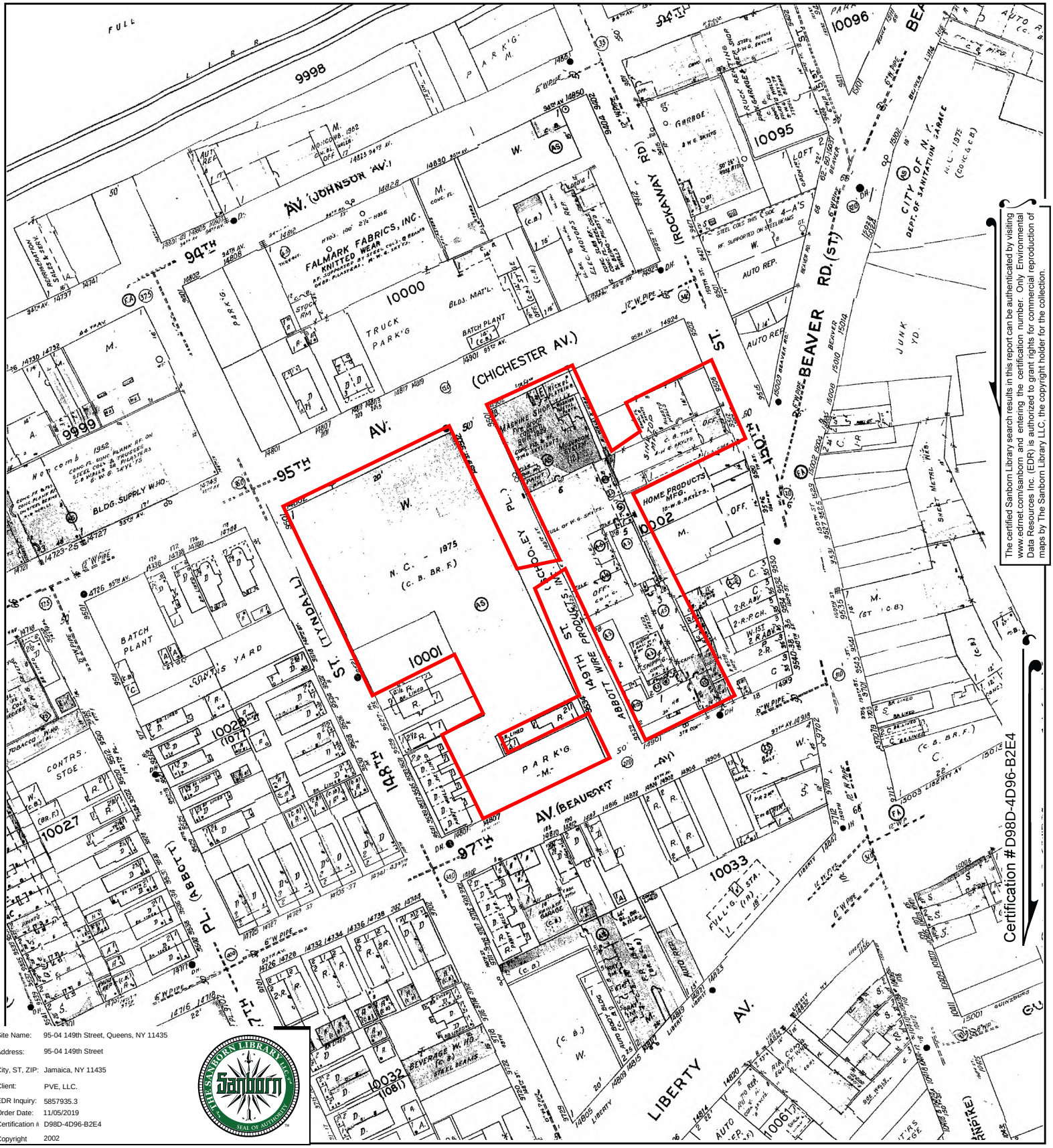
N

Certified Sanborn® Map

2002



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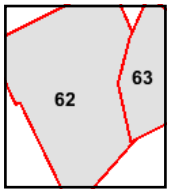

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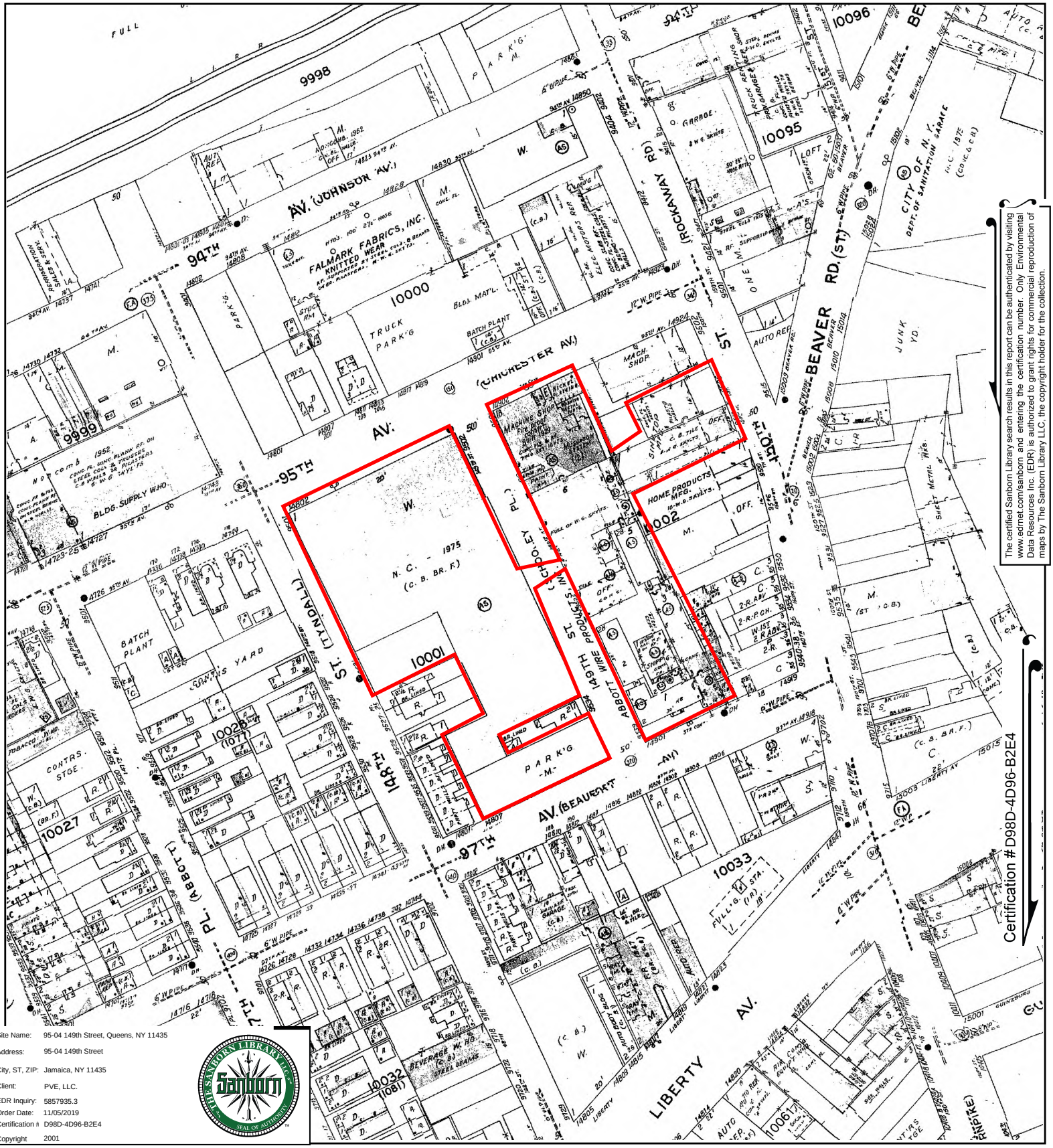

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Copyright	2001

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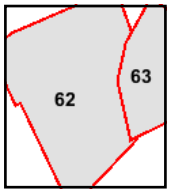

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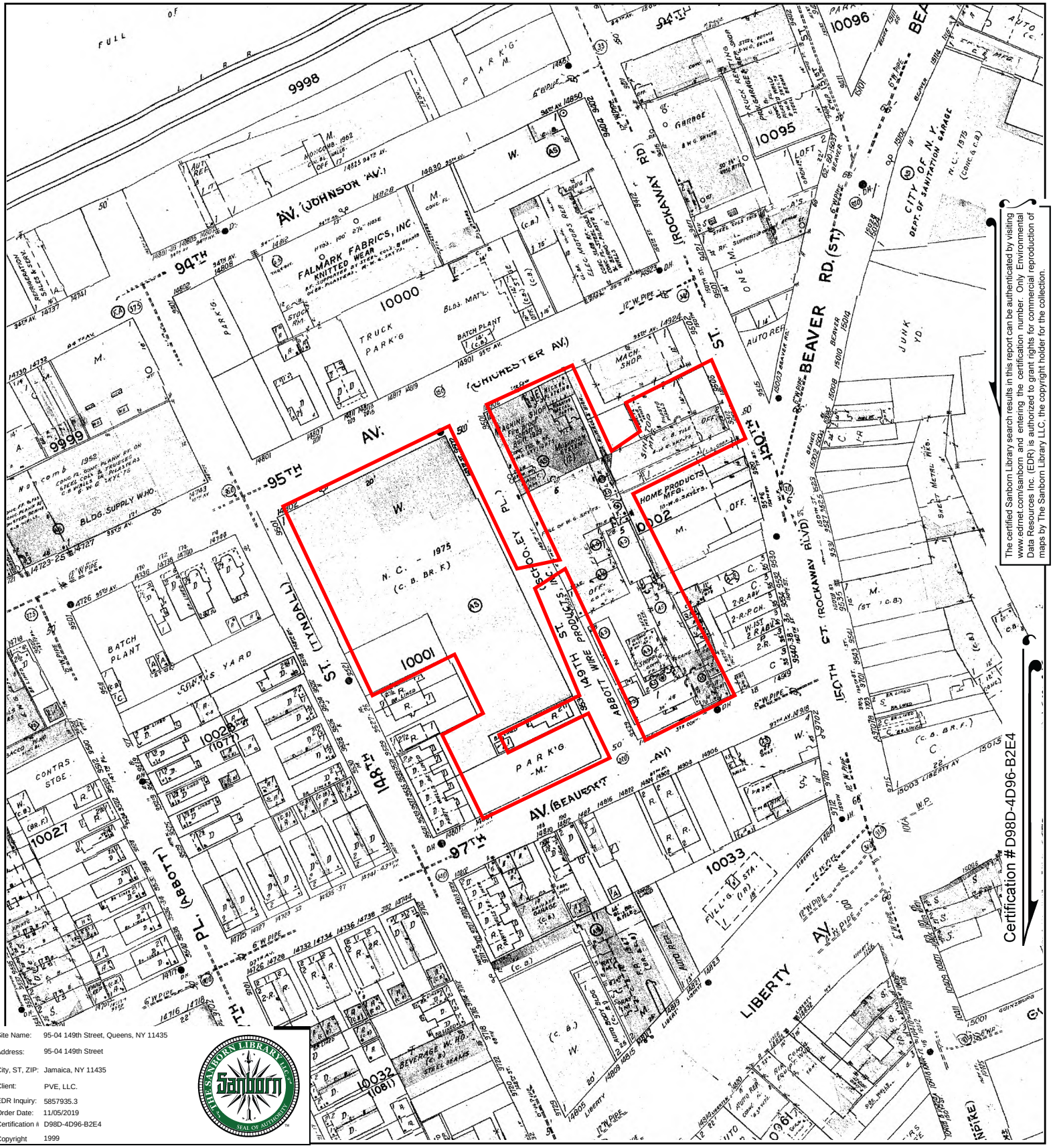
Volume 6, Sheet 62

0 Feet 150 300 600

N

Certified Sanborn® Map

1999



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Copyright	1999

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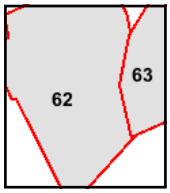

Volume 6, Sheet 63
Volume 6, Sheet 62

0 Feet 150 300 600

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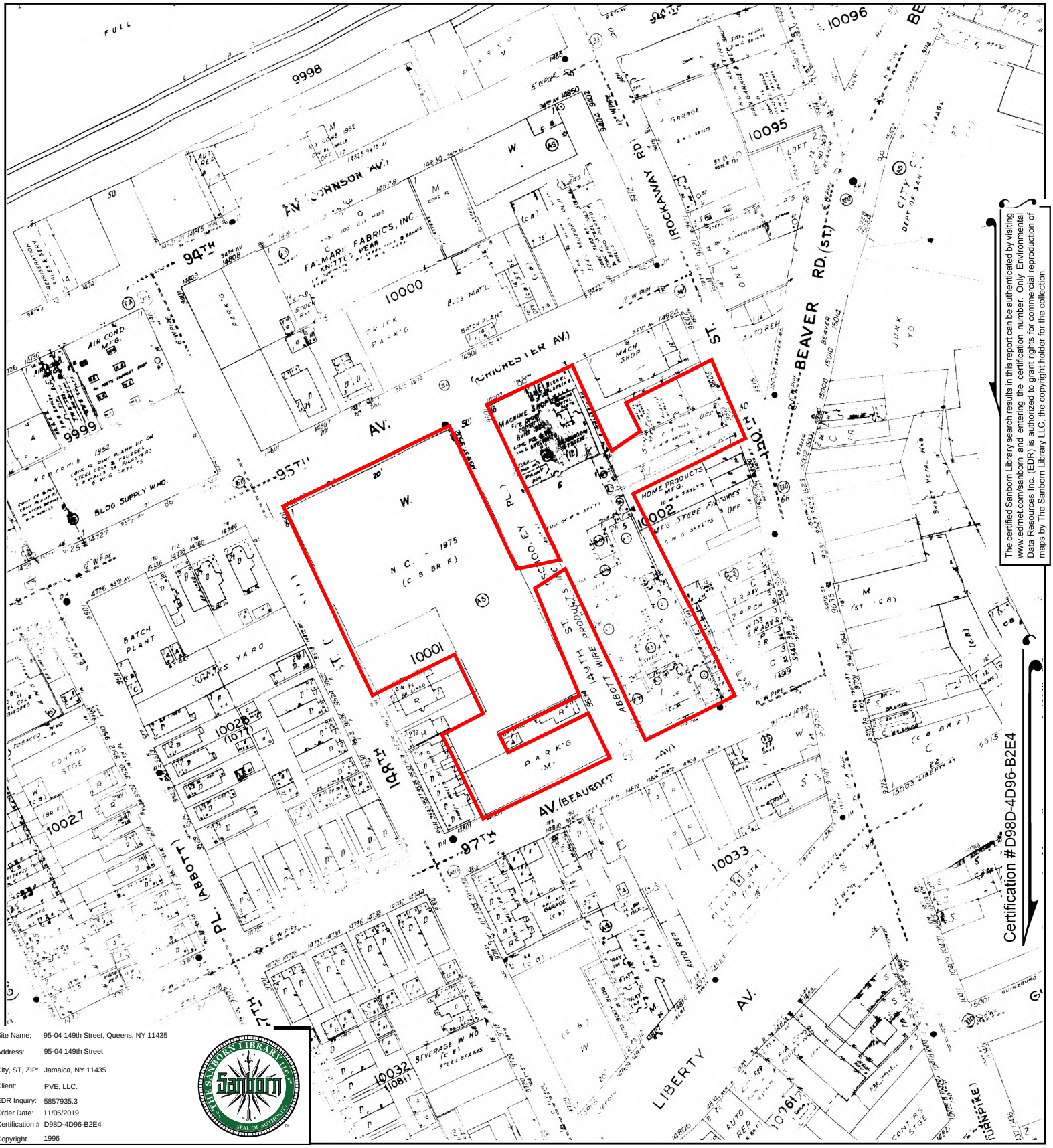

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Copyright	1996

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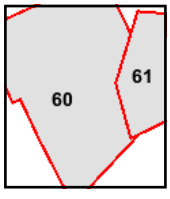

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Volume 6, Sheet 60

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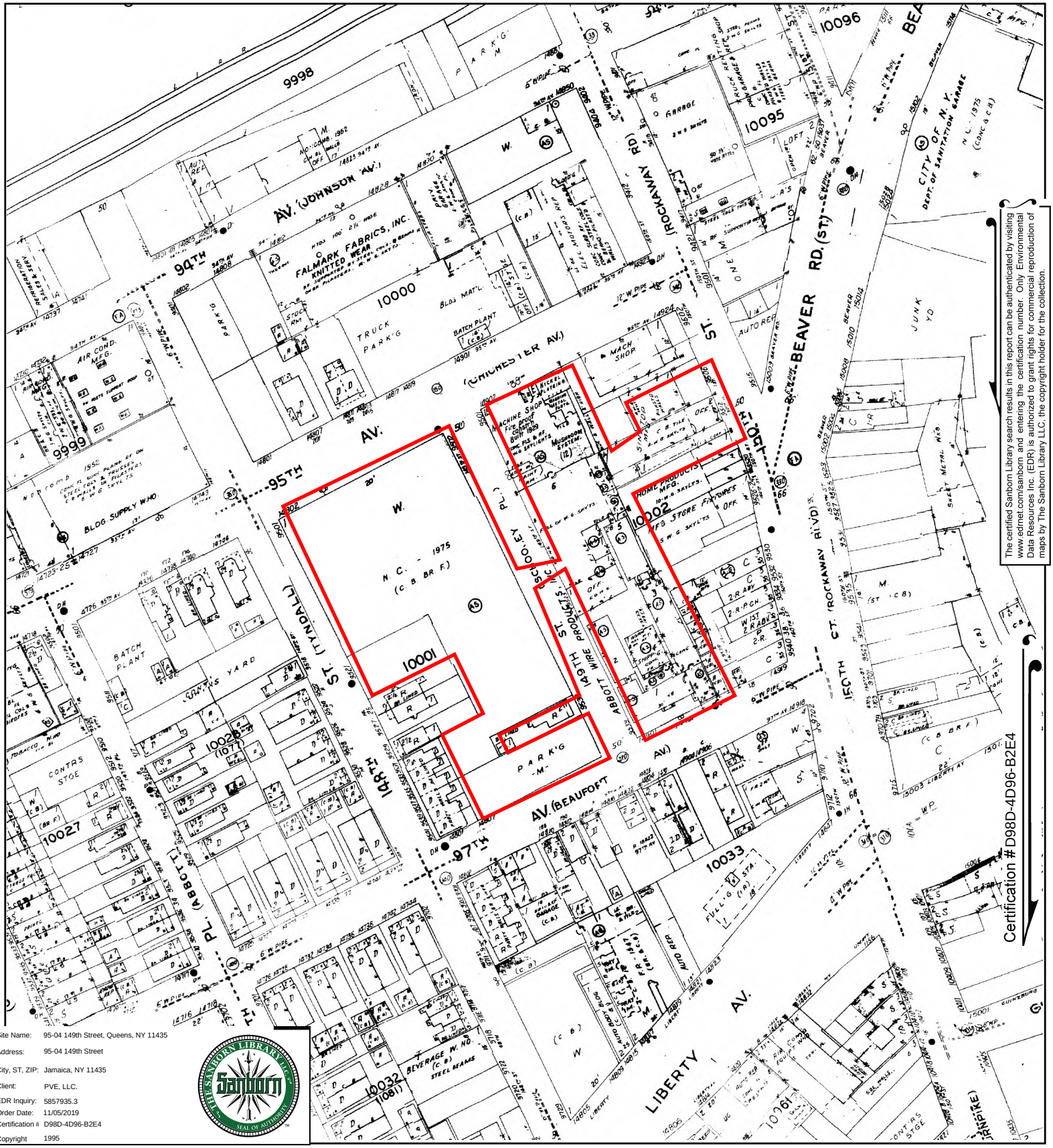

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Copyright	1995

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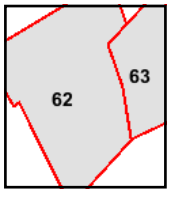

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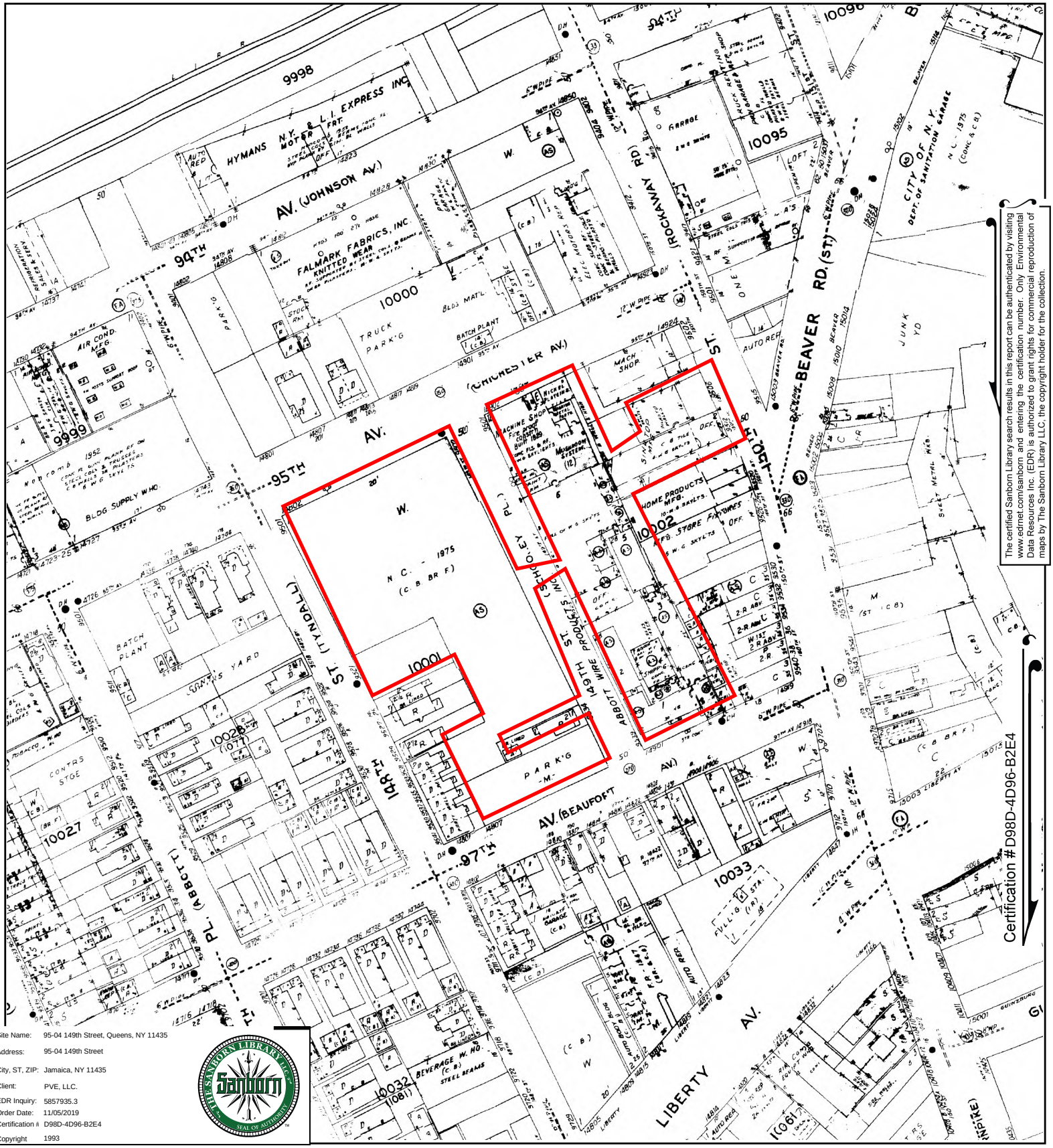
0 Feet 150 300 600

N

Certified Sanborn® Map

1993



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Copyright	1993

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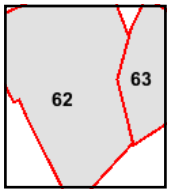

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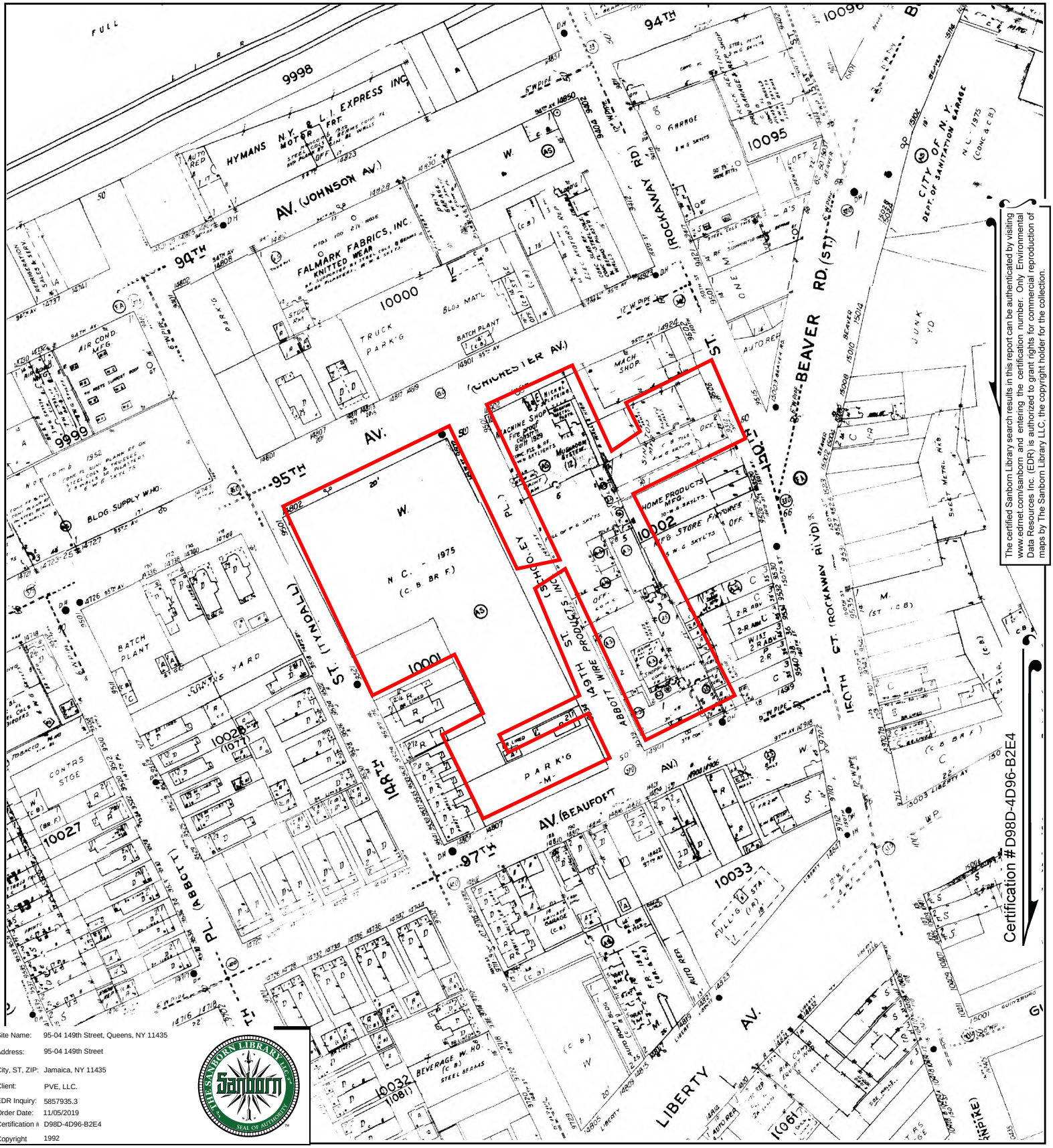

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Certification #:	D98D-4D96-B2E4
Copyright	1992

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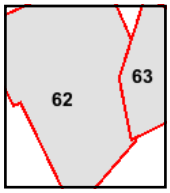

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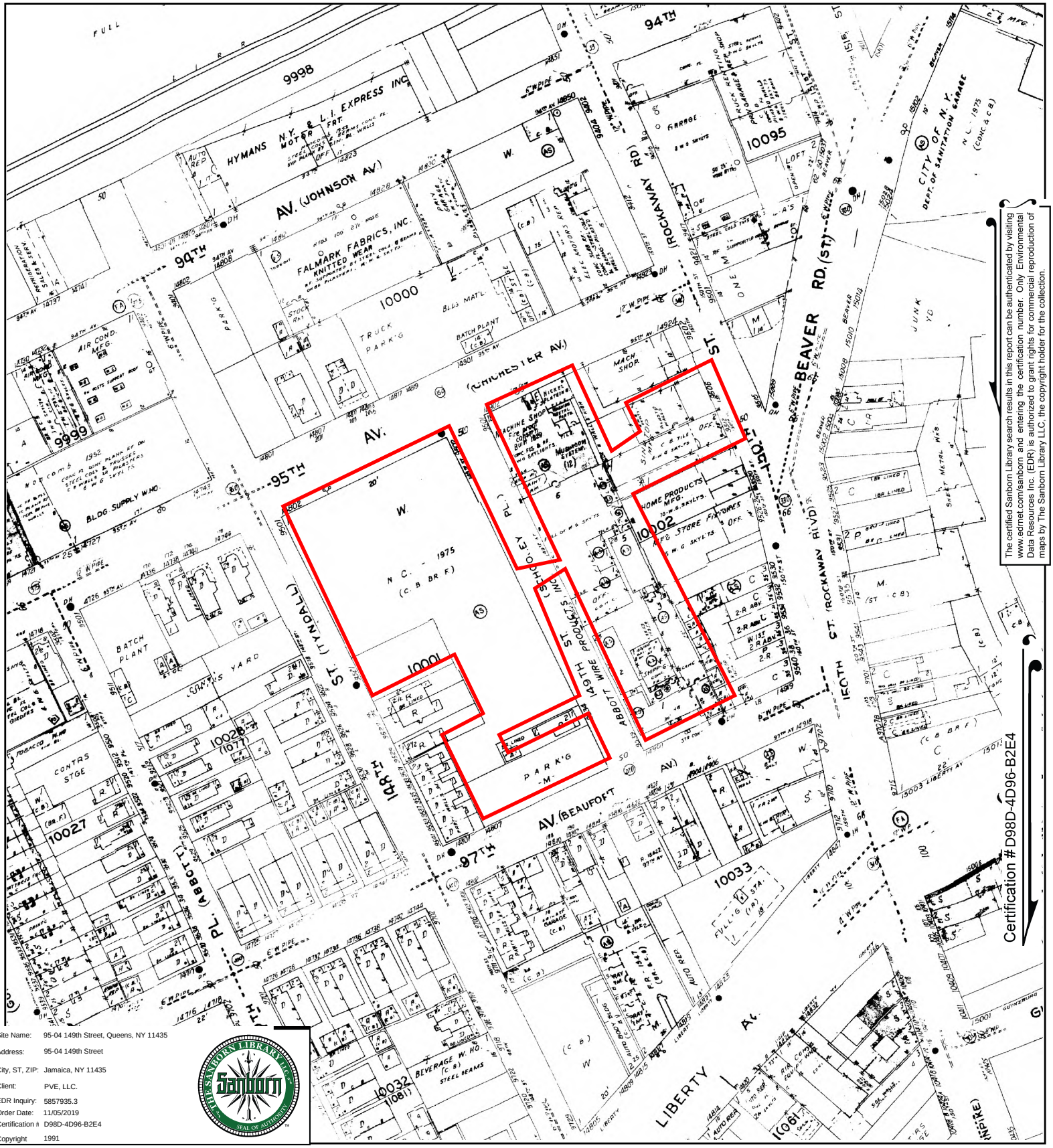
1991



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Certification #:	D98D-4D96-B2E4
Copyright	1991

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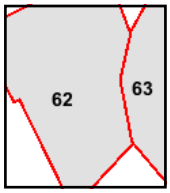

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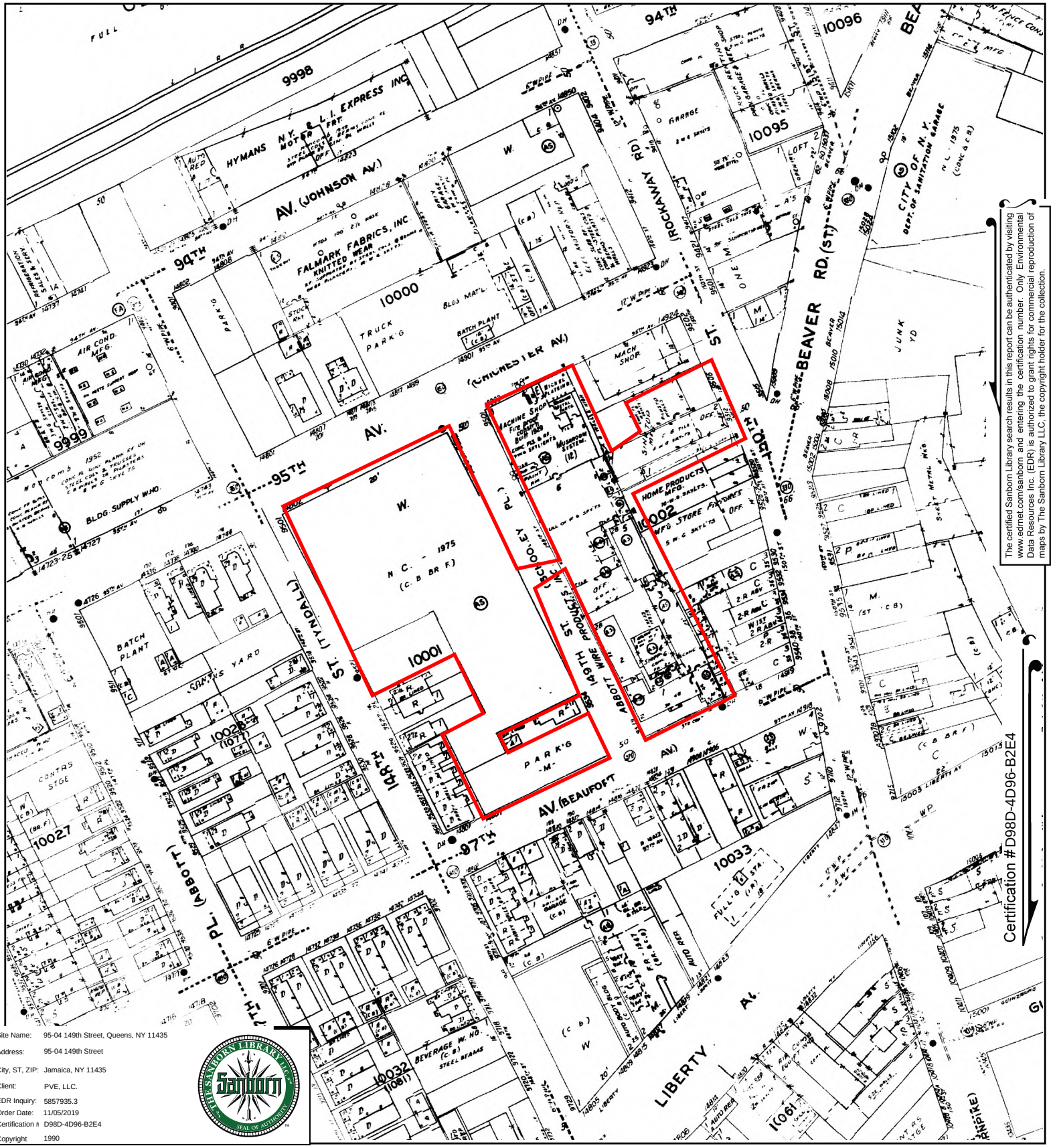

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Copyright	1990

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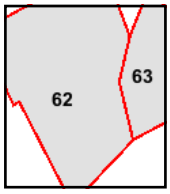

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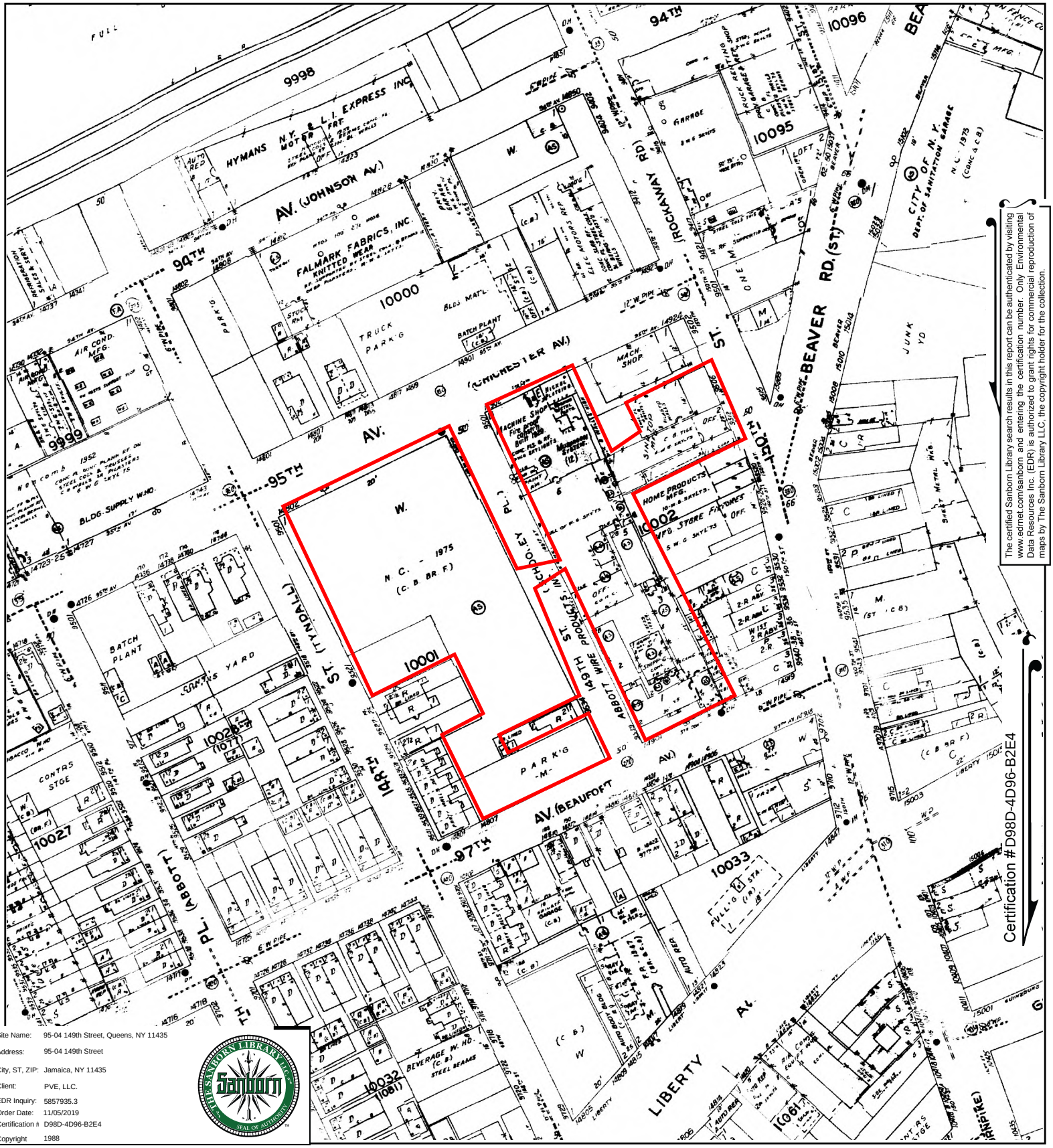
1988



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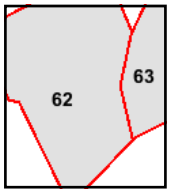

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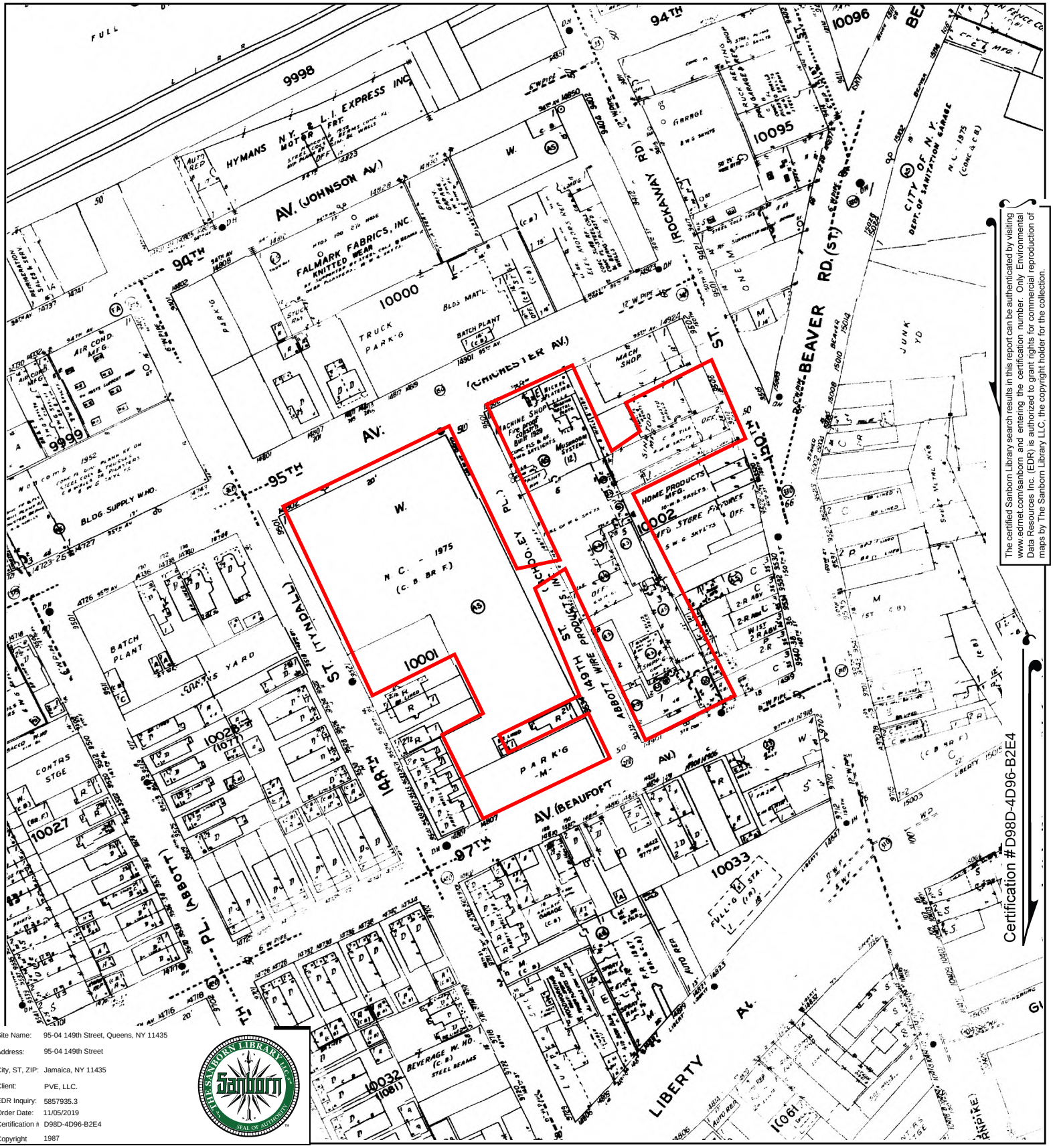

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Copyright	1987

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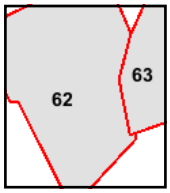

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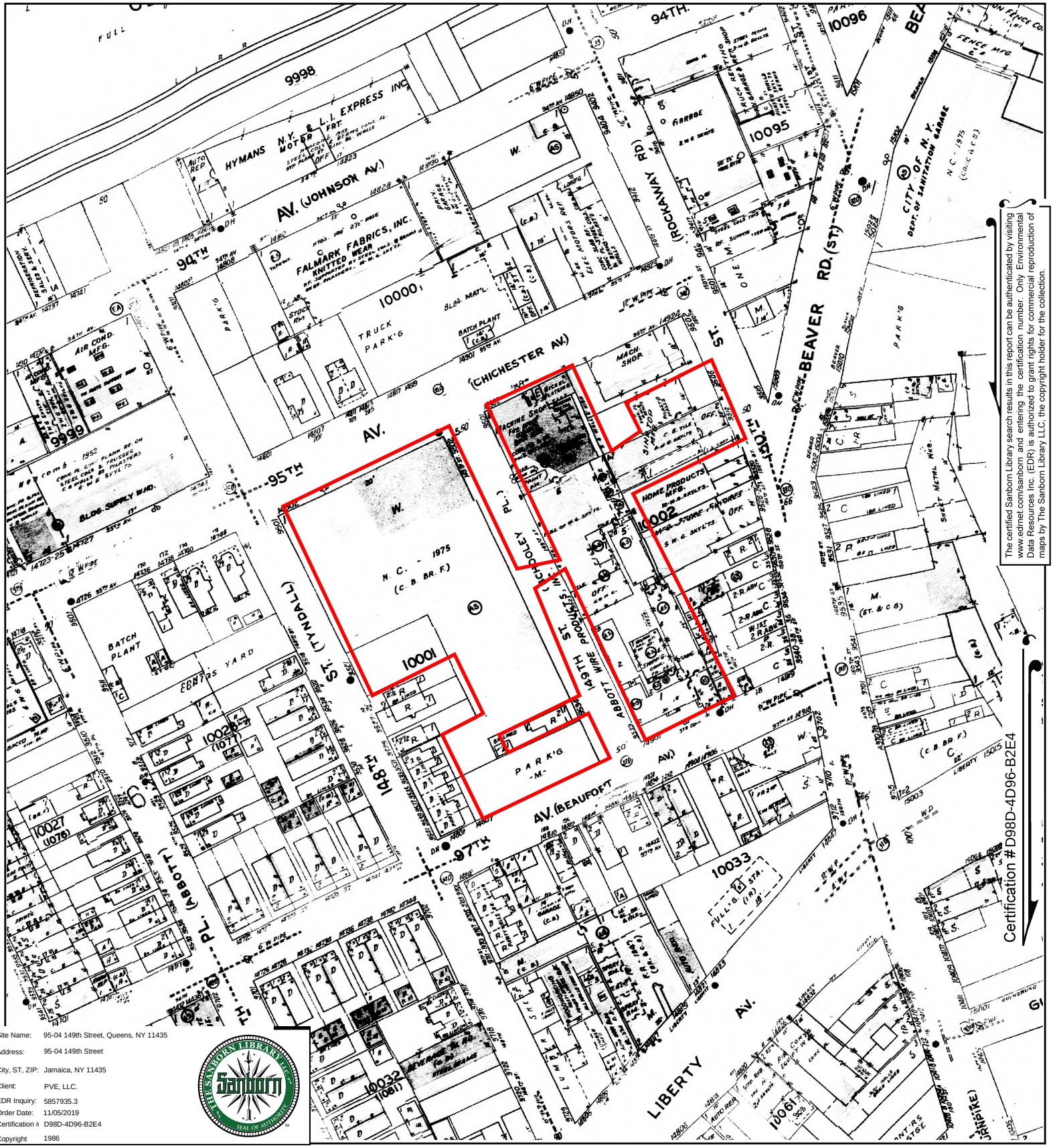
1986



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Certification #:	D98D-4D96-B2E4
Copyright	1986

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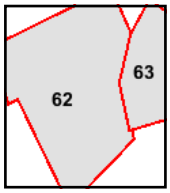

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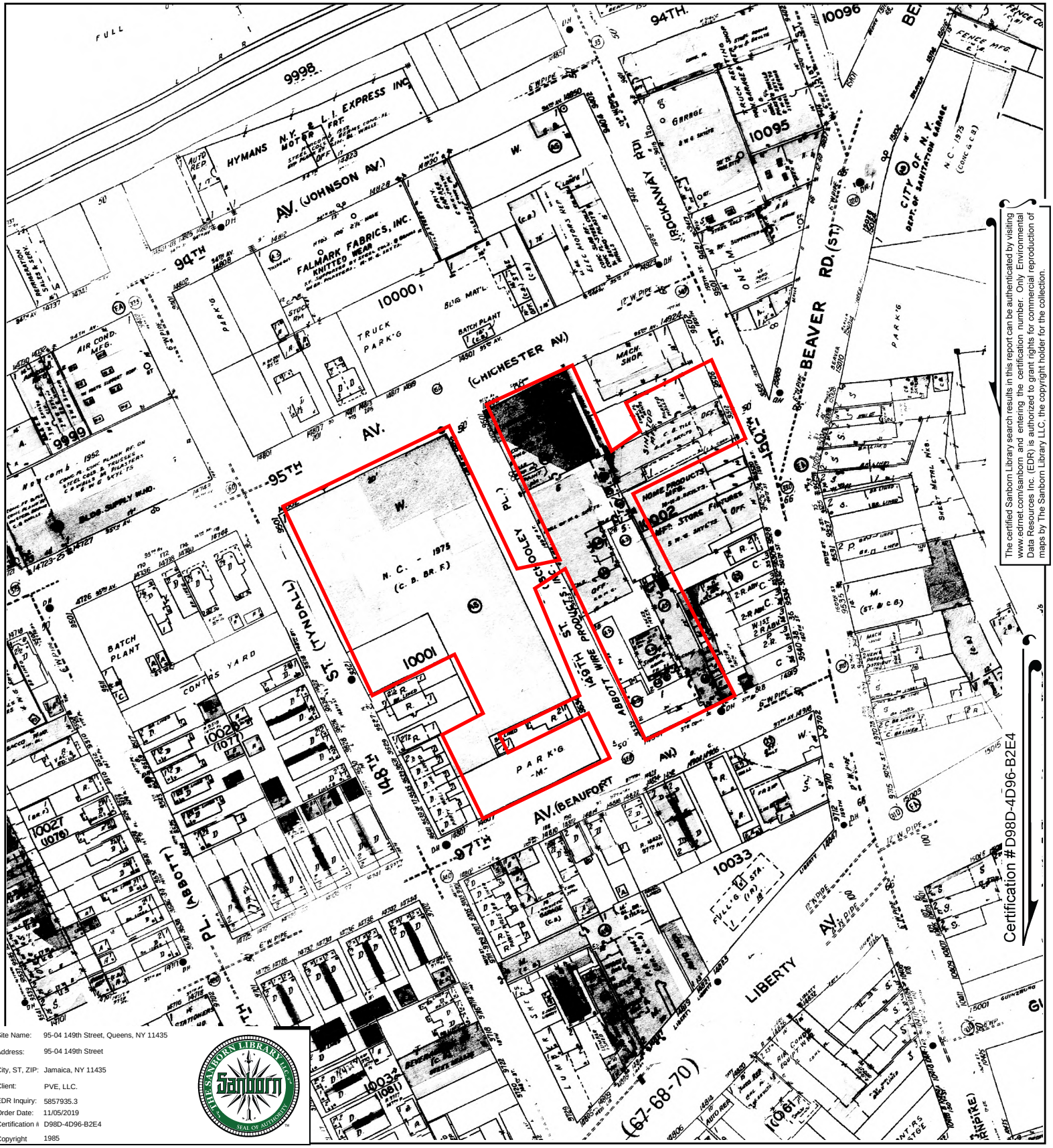
Certified Sanborn® Map

1985



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Copyright	1985

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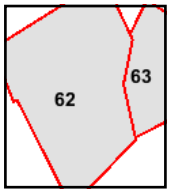

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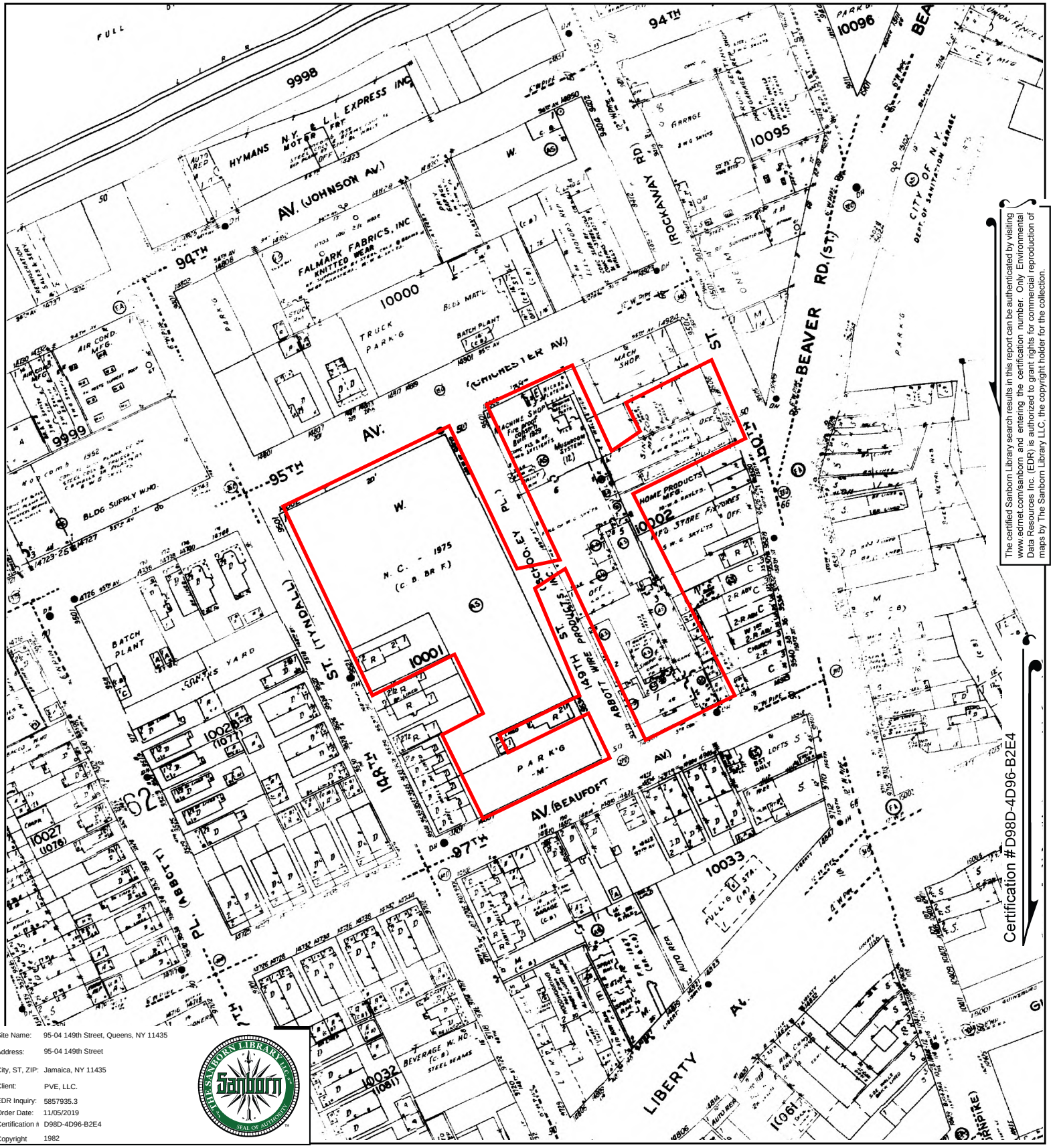

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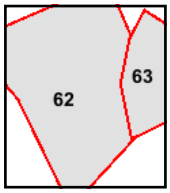

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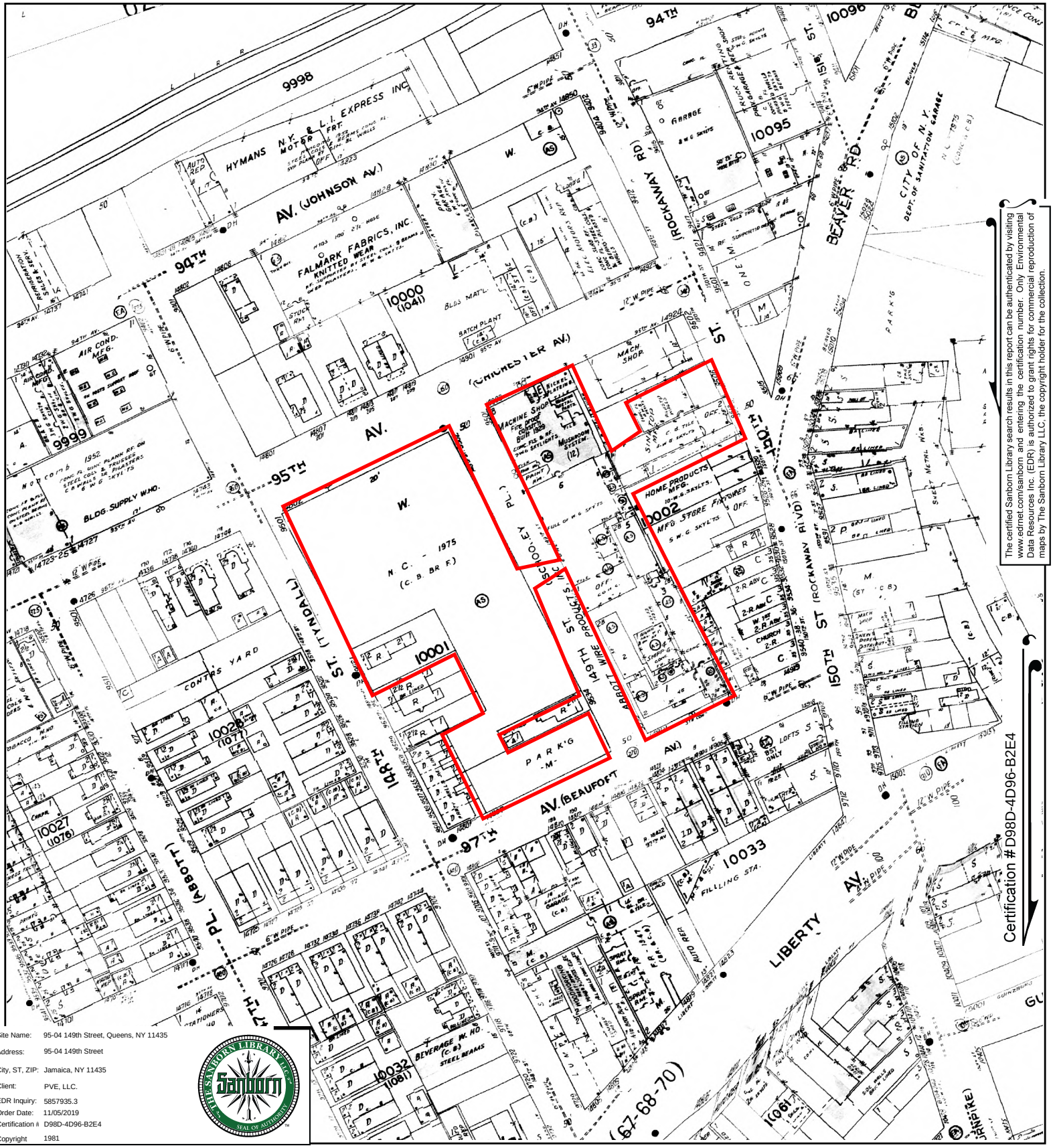
1981



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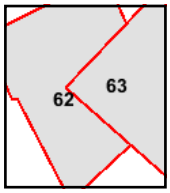

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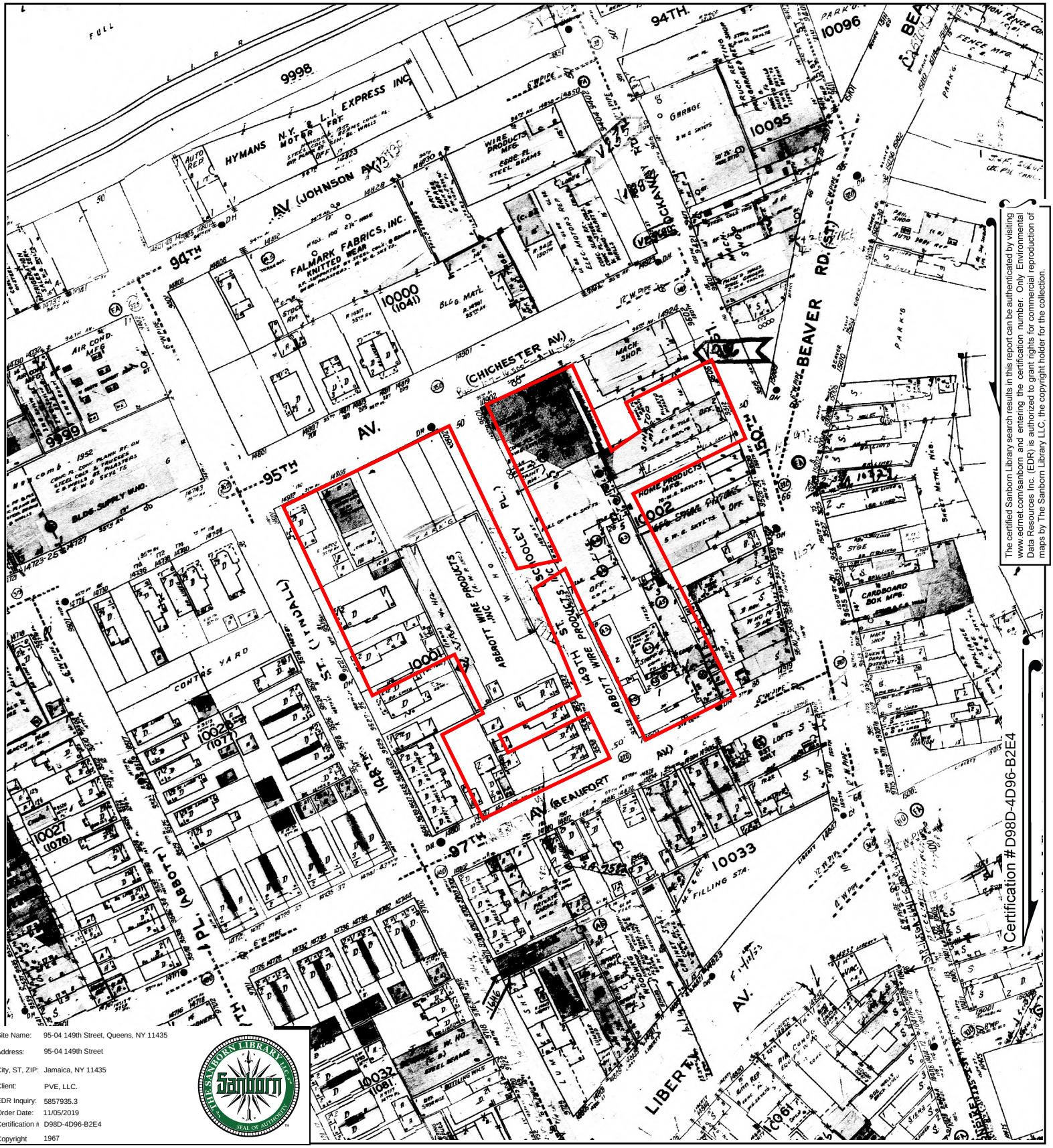

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Copyright	1967

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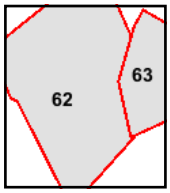

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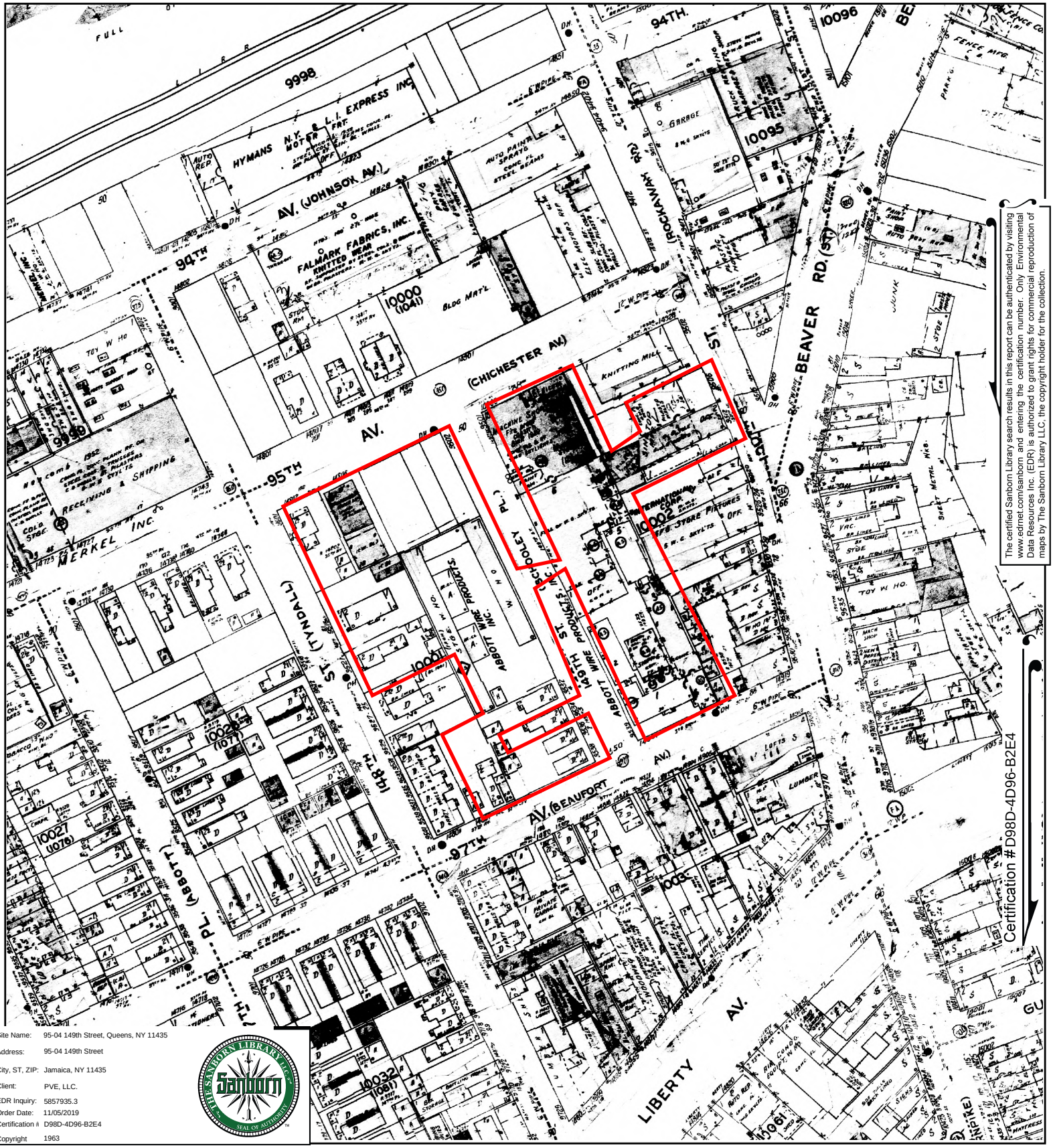
1963



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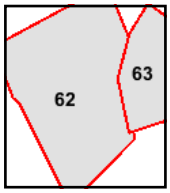

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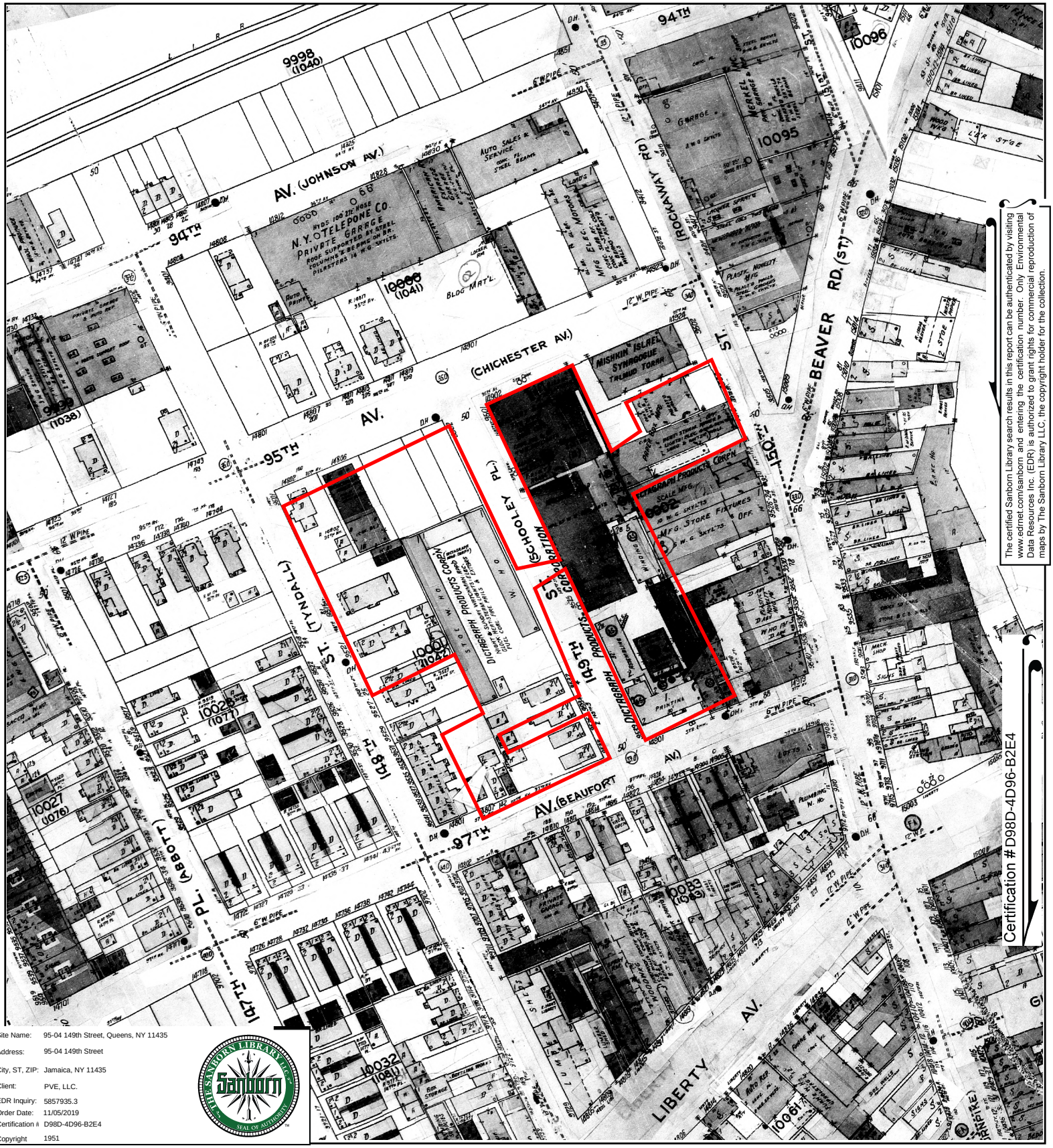
1951



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Copyright	1951

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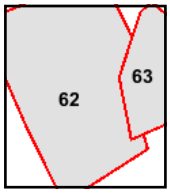

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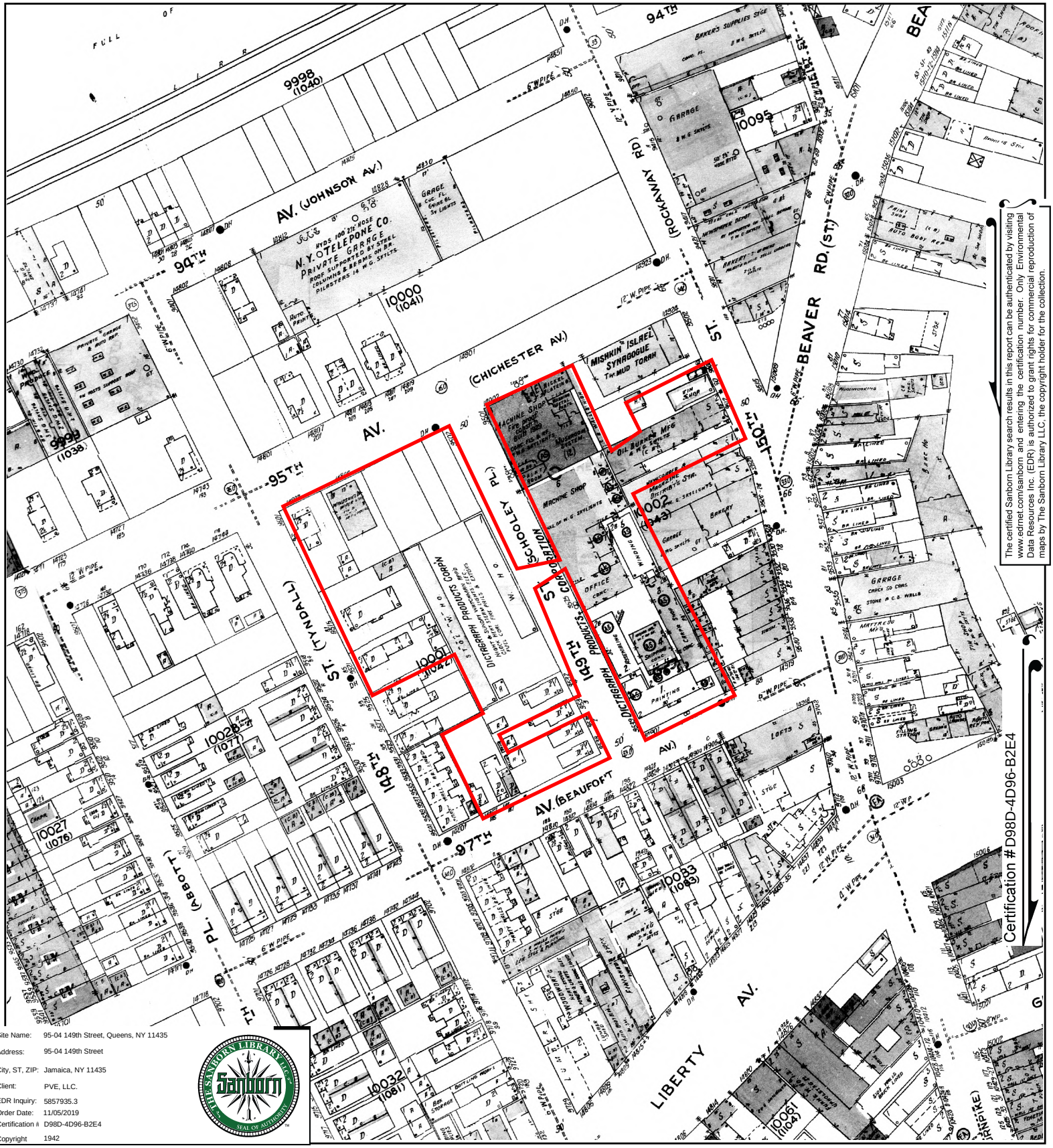
1942



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Copyright	1942

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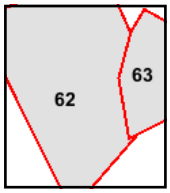

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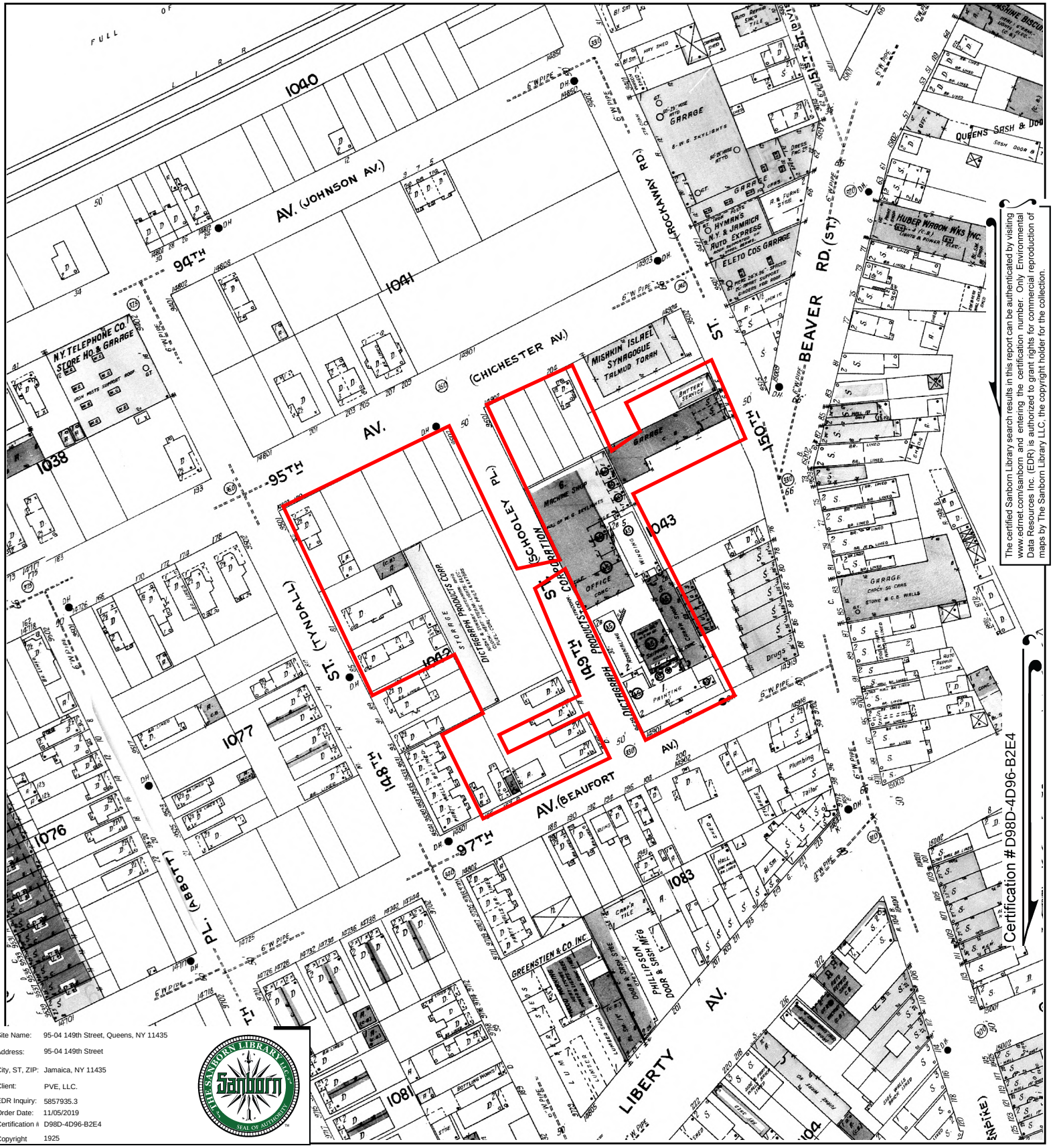

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Copyright	1925

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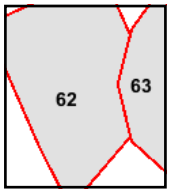

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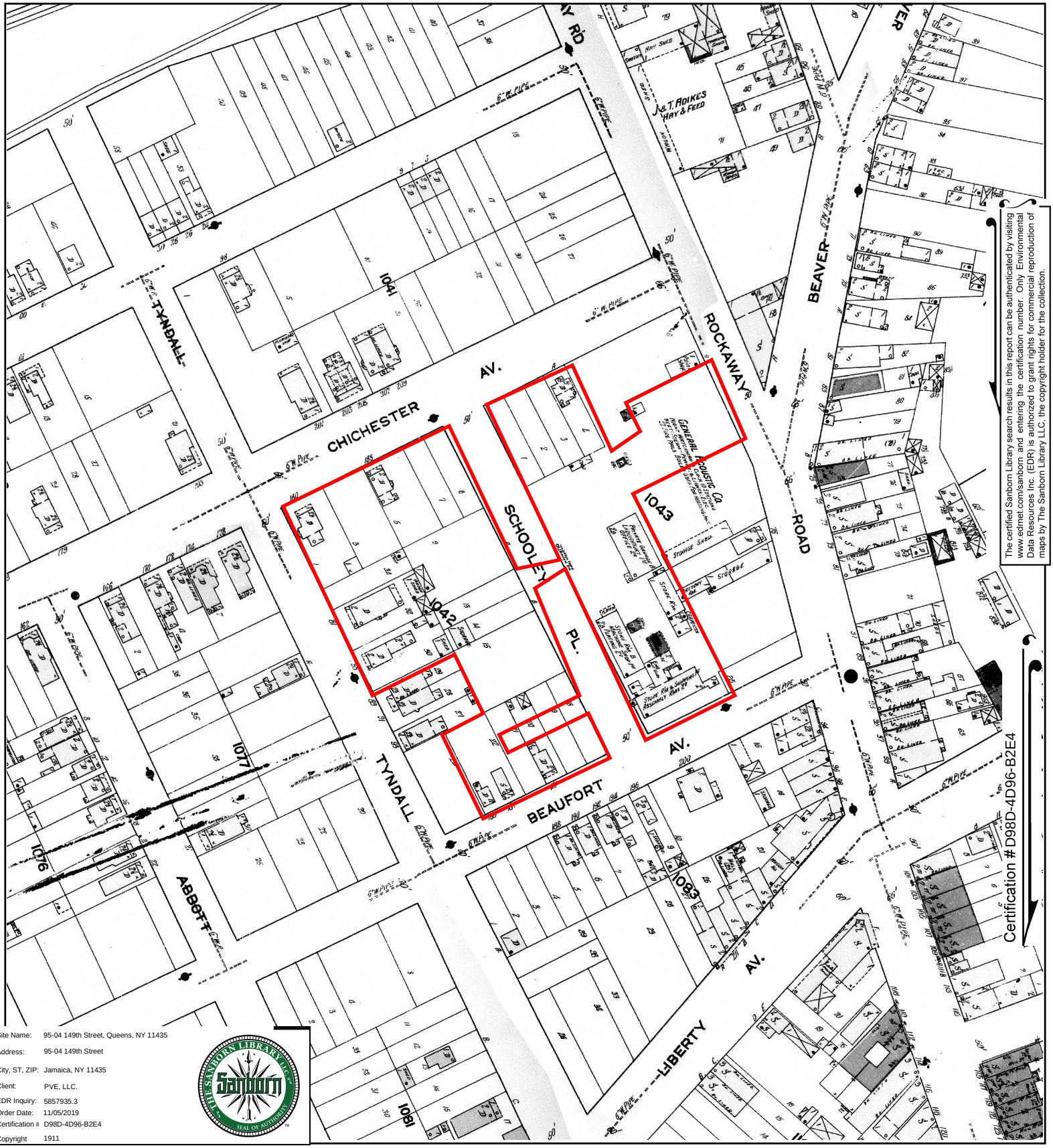
N



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Site Name:	95-04 149th Street, Queens, NY 11435
Address:	95-04 149th Street
City, ST, ZIP:	Jamaica, NY 11435
Client:	PVE, LLC.
EDR Inquiry:	5857935.3
Order Date:	11/05/2019
Certification #	D98D-4D96-B2E4
Copyright	1911

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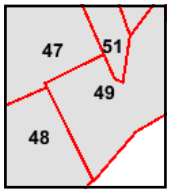

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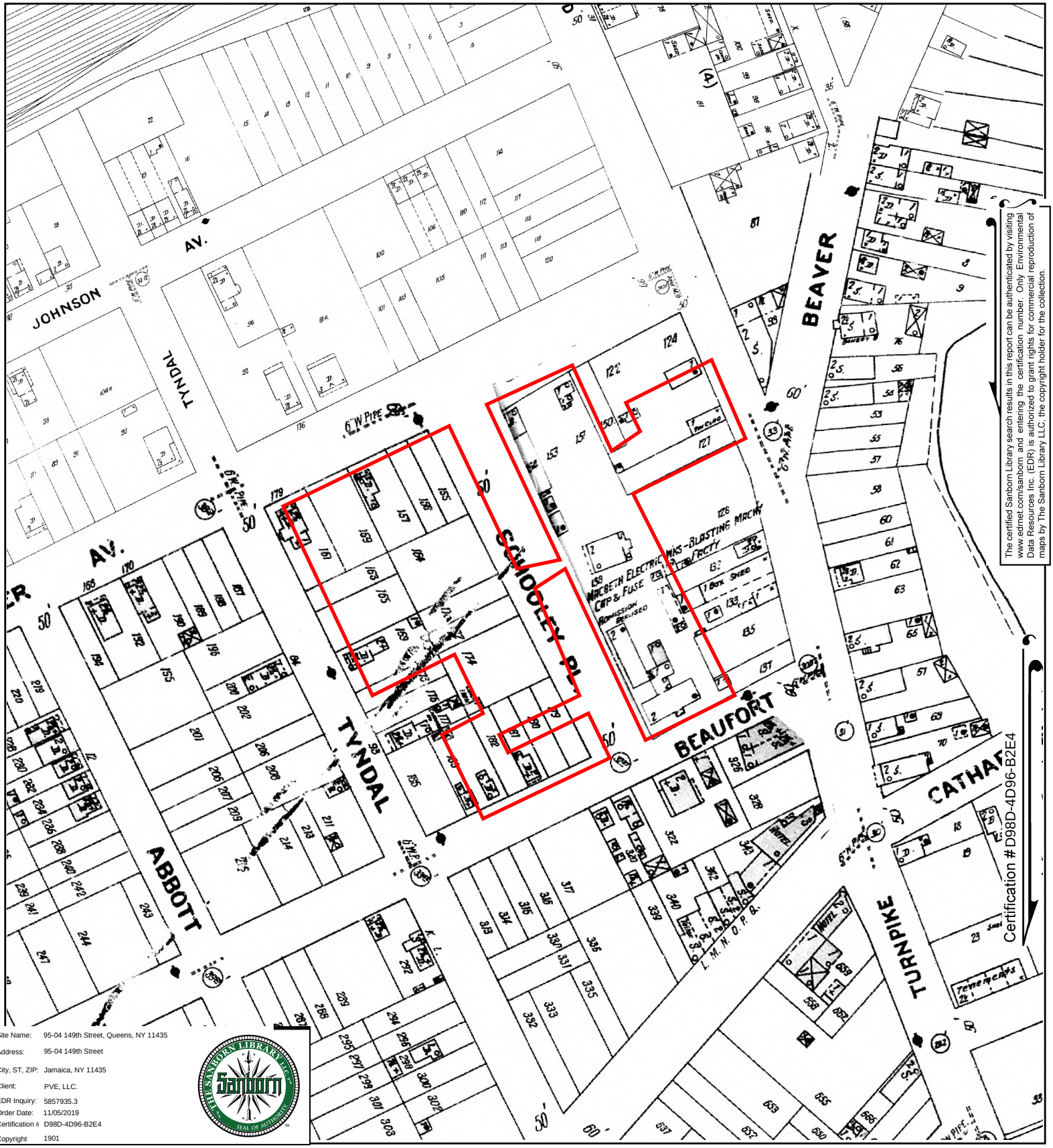
Volume 6, Sheet 48
Volume 6, Sheet 47

0 Feet 150 300 600

N



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Certification #D98D-4D96-B2E4

Site Name:	95-04 149th Street, Queens, NY 11435
Address:	95-04 149th Street
City, ST, ZIP:	Jamaica, NY 11435
Client:	PVE, LLC.
EDR Inquiry:	5857935.3
Order Date:	11/05/2019
Certification #:	D98D-4D96-B2E4
Copyright	1901

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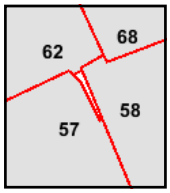

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Volume 4, Sheet 57
Volume 4, Sheet 62

0 Feet 150 300 600

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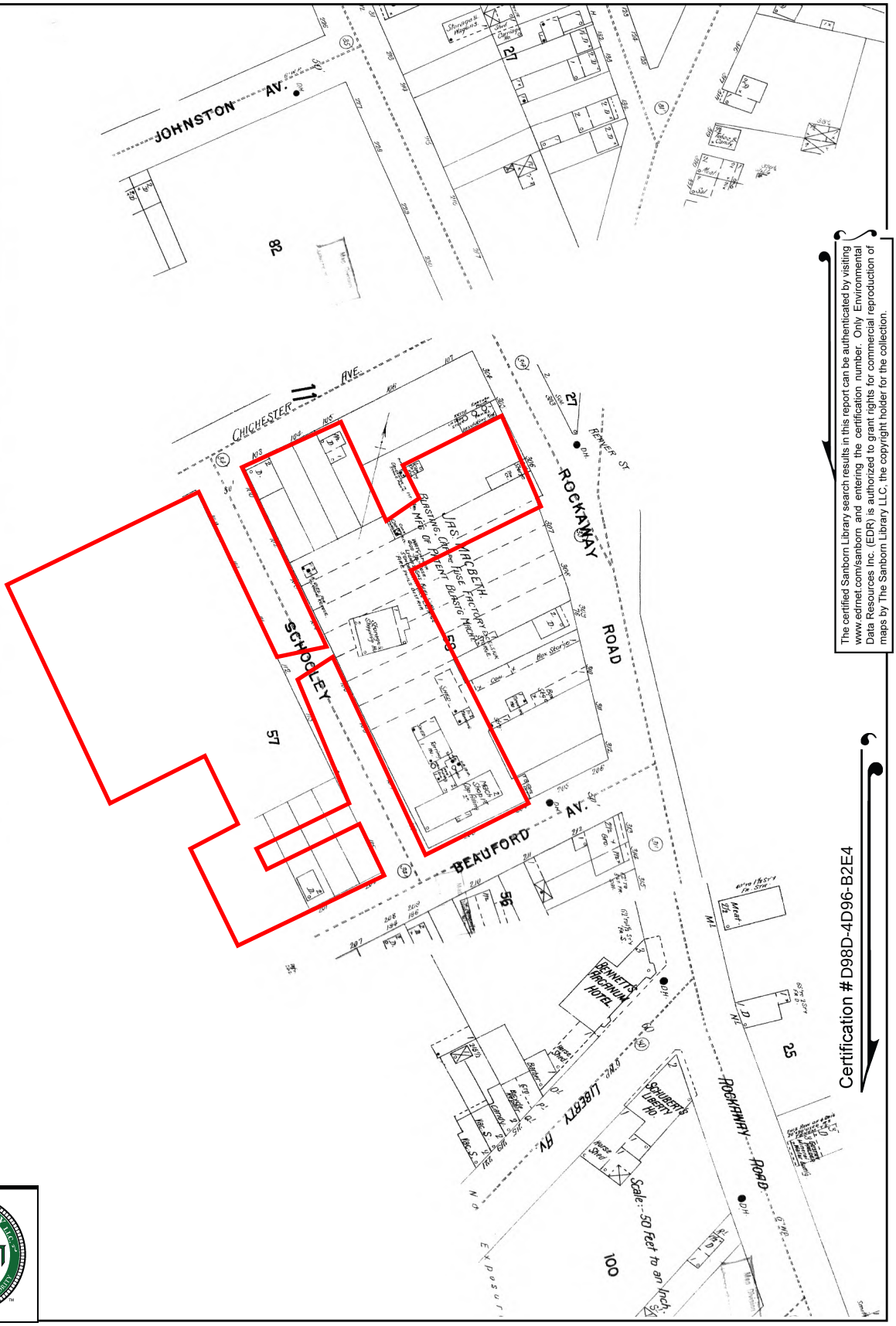

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Certification # D98D-4D96-B2E4

Site Name:	95-04 149th Street, Queens, NY 11435
Address:	95-04 149th Street
City, ST, ZIP:	Jamaica, NY 11435
Client:	PVE, LLC.
EDR Inquiry:	5857935.3
Order Date:	11/05/2019
Certification #	D98D-4D96-B2E4
Copyright	1897

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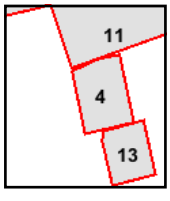

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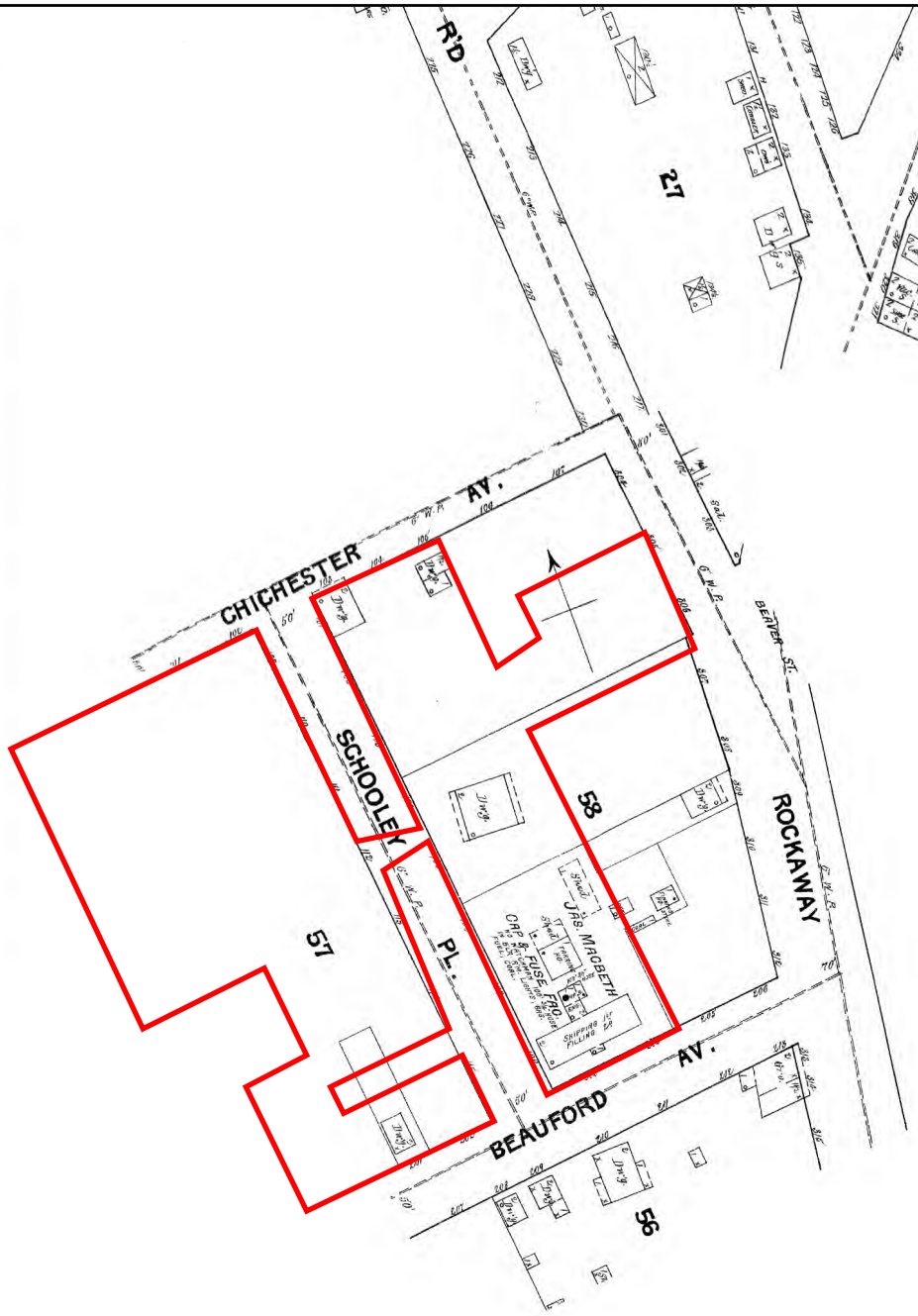
Volume 1, Sheet 11
Volume 1, Sheet 4

0 Feet 150 300 600

N



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Certification #D98D-4D96-B2E4

Site Name: 95-04 149th Street, Queens, NY 11435
Address: 95-04 149th Street
City, ST, ZIP: Jamaica, NY 11435
Client: PVE, LLC.
EDR Inquiry: 5857935.3
Order Date: 11/05/2019
Certification #: D98D-4D96-B2E4
Copyright: 1891

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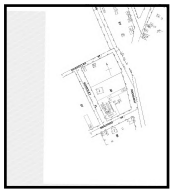

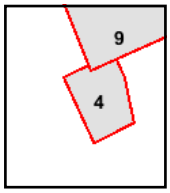

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Volume 1, Sheet 4

0 Feet 150 300 600

N

95-04 149th Street, Queens, NY 11435
95-04 149th Street
Jamaica, NY 11435

Inquiry Number: 5857935.2s
November 05, 2019

The EDR Radius Map™ Report with GeoCheck®

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

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Thank you for your business.
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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

95-04 149TH STREET
JAMAICA, NY 11435

COORDINATES

Latitude (North):	40.6986330 - 40° 41' 55.07''
Longitude (West):	73.8041120 - 73° 48' 14.80''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	601036.5
UTM Y (Meters):	4505779.5
Elevation:	38 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940539 JAMAICA, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LOT 1,TAXBLOCK 10001	95-04 149 STREET	NY E DESIGNATION		TP
A2	ABBOTT INDUSTRIES IN	95-04 149TH STREET	NY UST		TP
A3	95-04 149 ST	95-04 149 ST	NY LTANKS		TP
A4	ABBOTT INDUSTRIES IN	9525 149TH ST	PA MANIFEST	Lower	1 ft.
B5	LOT 13,TAXBLOCK 1000	95-12 150 STREET	NY E DESIGNATION	Lower	1 ft.
A6	ABBOTT INDUSTRIES IN	95-25 149TH ST	NY AST	Lower	1 ft.
A7	ABBOTT INDUSTRIES IN	95-25 149TH ST	RCRA-VSQG, US AIRS	Lower	1 ft.
A8	LOT 11,TAXBLOCK 1002	95-11 148 STREET	NY E DESIGNATION	Higher	1 ft.
B9	LOT 10,TAXBLOCK 1000	95-08 150 STREET	NY E DESIGNATION	Lower	1 ft.
B10	CON EDISON	95-08 150TH ST	NY MANIFEST	Lower	1 ft.
B11	CON EDISON	95-08 150TH ST	NJ MANIFEST	Lower	1 ft.
B12	CON EDISON SERVICE B	95-10 150TH ST FRONT	RCRA NonGen / NLR, FINDS	Lower	1 ft.
A13	LOT 1,TAXBLOCK 10002	95-25 149 STREET	NY E DESIGNATION	Lower	1 ft.
B14	CON EDISON	95-10 150TH ST FRONT	NY MANIFEST	Lower	1 ft.
B15	CON EDISON	95-08 150TH ST	RCRA NonGen / NLR	Lower	1 ft.
A16	ABBOTT INDUSTRIES	95-25 149 STREET	NY MANIFEST	Lower	1 ft.
A17	LOT 25,TAXBLOCK 1000	95-37 148 STREET	NY E DESIGNATION	Lower	3, 0.001,
A18	LOT 124,TAXBLOCK 100	95-39 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A19	LOT 40,TAXBLOCK 1000	95-33 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A20	LOT 41,TAXBLOCK 1000	95-31 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A21	LOT 26,TAXBLOCK 1000	95-35 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A22	LOT 19,TAXBLOCK 1000	95-34 149 STREET	NY E DESIGNATION	Lower	8, 0.002, SE
A23	LOT 29,TAXBLOCK 1000	95-25 148 STREET	NY E DESIGNATION	Lower	8, 0.002, SSW
A24	LOT 27,TAXBLOCK 1000	95-29 148 STREET	NY E DESIGNATION	Lower	10, 0.002, South
B25	LOT 15,TAXBLOCK 1000	95-20 150 STREET	NY E DESIGNATION	Lower	19, 0.004, ENE
A26	LOT 24,TAXBLOCK 1000	95-41 148 STREET	NY E DESIGNATION	Lower	21, 0.004, South
B27	LOT 5,TAXBLOCK 10002	95-02 150 STREET	NY E DESIGNATION	Lower	25, 0.005, NE
A28	NOT FOUND	95TH AVE/149 ST	NY Spills	Lower	32, 0.006, North
A29	LOT 28,TAXBLOCK 1000	95-27 148 STREET	NY E DESIGNATION	Lower	33, 0.006, SSW
A30	SPILL NUMBER 9814213	148TH ST & 95TH AV	NY Spills	Higher	35, 0.007, WNW
A31	SPILL NUMBER 9914434	95TH AVE & 148TH ST	NY Spills	Higher	35, 0.007, WNW
A32	VAULT #6898	148TH ST & 95TH AV	NY Spills	Higher	36, 0.007, WNW
C33	LOT 25,TAXBLOCK 1000	95-40 150 STREET	NY E DESIGNATION	Lower	42, 0.008, East
B34	LOT 24,TAXBLOCK 1000	95-38 150 STREET	NY E DESIGNATION	Lower	44, 0.008, East
B35	LOT 23,TAXBLOCK 1000	95-36 150 STREET	NY E DESIGNATION	Lower	59, 0.011, East
A36	LOT 10,TAXBLOCK 1002	147-44 95 AVENUE	NY E DESIGNATION	Higher	64, 0.012, West
B37	CON EDISON	95-34 150TH ST	NY MANIFEST	Lower	64, 0.012, East
B38	LOT 122,TAXBLOCK 100	95-34 150 STREET	NY E DESIGNATION	Lower	64, 0.012, East
B39	CON EDISON SERVICE B	95-34 150TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	64, 0.012, East

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B40	CON EDISON	95-34 150TH ST	NJ MANIFEST	Lower	64, 0.012, East
B41	CON EDISON	95-34 150TH ST	RCRA NonGen / NLR	Lower	64, 0.012, East
B42	LOT 22,TAXBLOCK 1000	95-32 150 STREET	NY E DESIGNATION	Lower	68, 0.013, East
B43	CON EDISON	95-24 150TH ST FRONT	RCRA NonGen / NLR	Lower	71, 0.013, ENE
B44	LOT 17,TAXBLOCK 1000	95-24 150 STREET	NY E DESIGNATION	Lower	71, 0.013, ENE
B45	CON EDISON	95-24 150TH ST FRONT	NY MANIFEST	Lower	71, 0.013, ENE
D46	DRUM RUN	97TH AVE AND 148TH S	NY Spills	Lower	71, 0.013, South
E47	DRUM RUN	148-01 95TH AVE	NY Spills	Higher	73, 0.014, NW
B48	LOT 21,TAXBLOCK 1000	95-30 150 STREET	NY E DESIGNATION	Lower	73, 0.014, East
A49	LOT 39,TAXBLOCK 1000	95 AVENUE	NY E DESIGNATION	Lower	78, 0.015, NNW
B50	LOT 20,TAXBLOCK 1000	95-28 150 STREET	NY E DESIGNATION	Lower	79, 0.015, East
C51	ABBOTT INDUSTRIES IN	97-02 150TH ST	NY AST	Lower	80, 0.015, ESE
E52	LOT 38,TAXBLOCK 1000	95 AVENUE	NY E DESIGNATION	Lower	85, 0.016, North
C53	LOT 14,TAXBLOCK 1003	149-06 97 AVENUE	NY E DESIGNATION	Lower	85, 0.016, ESE
C54	LOT 13,TAXBLOCK 1003	149-04 97 AVENUE	NY E DESIGNATION	Lower	85, 0.016, SE
D55	DENNIS PRINCE	14812 97TH AVE	NY Spills	Lower	86, 0.016, SSE
D56	DENNIS PRINCE	14812 97TH AVE	NY SPILLS 90	Lower	86, 0.016, SSE
F57	LOT 31,TAXBLOCK 1000	149-01 95 AVENUE	NY E DESIGNATION	Lower	88, 0.017, North
E58	LOT 42,TAXBLOCK 1000	148-07 95 AVENUE	NY E DESIGNATION	Higher	89, 0.017, NNW
C59	LOT 8,TAXBLOCK 10033	148-16 97 AVENUE	NY E DESIGNATION	Lower	95, 0.018, SE
B60	CC PRECISION WELDING	150-09 BEAVER ROAD	NY UST	Lower	95, 0.018, NE
A61	LOT 7,TAXBLOCK 10028	147-40 95 AVENUE	NY E DESIGNATION	Higher	102, 0.019, West
C62	CON EDISON SERVICE B	97-08 150TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	124, 0.023, ESE
B63	LOT 77,TAXBLOCK 1010	150 STREET	NY E DESIGNATION	Lower	132, 0.025, ENE
B64	TIC TAC AUTO INC	150-08 BEAVER ROAD	NY SWF/LF	Lower	134, 0.025, ENE
B65	TIC TAC AUTO INC.	150-08 BEAVER ROAD	NY AST	Lower	134, 0.025, ENE
B66	EASY DOES IT AUTO SA	15008 BEAVER ROAD	NY SWF/LF	Lower	134, 0.025, ENE
B67	QUEENS INDUSTRIAL EL	94-12 150TH STREET	NJ MANIFEST	Lower	155, 0.029, NNE
B68	QUEENS INDUSTRIAL EL	94-12 150TH ST	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Lower	155, 0.029, NNE
E69	LOT 4,TAXBLOCK 10028	147-36 95 AVENUE	NY E DESIGNATION	Higher	156, 0.030, West
B70	LOT 82,TAXBLOCK 1010	150-10 BEAVER ROAD	NY E DESIGNATION	Lower	157, 0.030, ENE
E71	SPILL NUMBER 9902985	148TH ST BET 94TH &	NY Spills	Higher	159, 0.030, NW
E72	BETWEEN 94TH & 95TH	148TH ST BET 94TH &	NY Spills	Higher	159, 0.030, NW
E73	LOT 1,TAXBLOCK 10000	147-16 94 AVENUE	NY E DESIGNATION	Higher	162, 0.031, NW
C74	CON EDISON	F/O 148-95 LIBERTY A	NY MANIFEST	Lower	169, 0.032, ESE
C75	MERIT LIBERTY	148 LIBERTY AVE	NY UST, RCRA NonGen / NLR, US AIRS, FINDS, ECHO,...	Lower	179, 0.034, SE
C76	HESS/MERIT STATION 3	148-27 LIBERTY AVENU	NY LTANKS, NY Spills	Lower	179, 0.034, SE
C77	SPEEDWAY 7826	14827 LIBERTY AVE	RCRA-VSQG, FINDS, ECHO	Lower	179, 0.034, SE
C78	HESS STATION	148-27 LIBERTY AV	NY Spills	Lower	179, 0.034, SE

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B79	LOT 84,TAXBLOCK 1010	150-14 BEAVER ROAD	NY E DESIGNATION	Lower	182, 0.034, ENE
C80	LIBERTY AUTO PARTS I	97-09 150TH STREET	NY SWF/LF	Lower	183, 0.035, ESE
C81	LOT 71,TAXBLOCK 1010	95-35 150 STREET	NY E DESIGNATION	Lower	185, 0.035, East
B82	LOT 73,TAXBLOCK 1010	95-33 150 STREET	NY E DESIGNATION	Lower	195, 0.037, East
E83	LOT 2,TAXBLOCK 10028	147-30 95 AVENUE	NY E DESIGNATION	Higher	195, 0.037, West
G84	LOT 34,TAXBLOCK 1002	95-19 147 PLACE	NY E DESIGNATION	Higher	203, 0.038, WSW
D85	LOT 32,TAXBLOCK 1002	95-23 147 PLACE	NY E DESIGNATION	Higher	203, 0.038, SW
C86	MC MANUS BROS SERVIC	150-05 LIBERTY AVE	EDR Hist Auto	Lower	204, 0.039, ESE
D87	LOT 31,TAXBLOCK 1002	95-25 147 PLACE	NY E DESIGNATION	Higher	206, 0.039, SW
B88	LOT 167,TAXBLOCK 101	150 STREET	NY E DESIGNATION	Lower	207, 0.039, ENE
B89	LOT 86,TAXBLOCK 1010	150-20 BEAVER ROAD	NY E DESIGNATION	Lower	211, 0.040, NE
E90	LOT 5,TAXBLOCK 10000	148-12 95 AVENUE	NY E DESIGNATION	Higher	211, 0.040, NNW
H91	LUCKY AUTO BODY	148-21 LIBERTY AVE	NY Spills	Lower	212, 0.040, SE
F92	550 UST	94-12 150TH STREET	NY Spills	Lower	228, 0.043, NNE
I93	GREEN ENERGY RECYCLI	94-15 150TH ST	RCRA NonGen / NLR	Lower	231, 0.044, NNE
H94	GLOBE PLATING CO INC	148-19 LIBERTY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	231, 0.044, SSE
H95	148-19 LIBERTY AVENU	148-19 LIBERTY AVENU	NY UST	Lower	231, 0.044, SSE
G96	ATLAS TRANSIT MIX	95-11 147 PL	NY CBS, NY CBS AST	Higher	234, 0.044, West
G97	LOT 1,TAXBLOCK 10028	95-11 147 PLACE	NY E DESIGNATION	Higher	234, 0.044, West
G98	ATLAS CONCRETE	95-11 147TH PLACE	NY LTANKS, NY UST, NY AST	Higher	234, 0.044, West
C99	FULL SERVICE AUTO RE	150-18-30 LIBERTY AV	NY AST	Lower	237, 0.045, ESE
C100	CON EDISON MANHOLE:	LIBERTY AVE & 150TH	RCRA NonGen / NLR, FINDS	Lower	237, 0.045, ESE
F101	LIBERTY ASHES INC	94-02 150TH STREET	NY AST	Higher	243, 0.046, NNE
C102	EAST COAST AUTO SALV	150-05 LIBERTY AVE	NY Spills	Lower	245, 0.046, ESE
D103	LOT 13,TAXBLOCK 1003	97-18 148 STREET	NY E DESIGNATION	Higher	261, 0.049, South
D104	LOT 15,TAXBLOCK 1003	148 STREET	NY E DESIGNATION	Higher	284, 0.054, South
I105	REAR OF PROPERTY - D	150-24 BEAVER RD/TUC	NY Spills	Lower	295, 0.056, NE
I106	QUEENS ENFORCEMENT (	150-24 BEAVER ROAD	NY UST, NY AST	Lower	295, 0.056, NE
I107	DRUM RUN	150-24 BEAVER RD	NY Spills	Lower	295, 0.056, NE
H108	MERIT SERVICE STATIO	148 LIBERTY AVE	NY LTANKS	Lower	298, 0.056, SE
G109	95-04 SUTPHIN BLV/QU	95-04 SUTPHIN BLVD	NY Spills	Higher	308, 0.058, West
G110	LOT 8,TAXBLOCK 10027	147-18 95 AVENUE	NY E DESIGNATION	Higher	309, 0.059, West
I111	LOT 43,TAXBLOCK 1009	94-01 150 STREET	NY E DESIGNATION	Higher	309, 0.059, NNE
I112	CONTEMP PROCESSING I	94-01 150TH ST	NY LTANKS, NY UST, NY Spills	Higher	309, 0.059, NNE
J113	CON EDISON	150-19 LIBERTY AVE F	NY MANIFEST	Lower	310, 0.059, East
J114	JAMAICA RADIATOR	15019 LIBERTY AVE	EDR Hist Auto	Lower	310, 0.059, East
J115	CON EDISON	150-19 LIBERTY AVE F	RCRA NonGen / NLR	Lower	310, 0.059, East
G116	MAX'S LUNCHEONETTE	SPUTPHIN BLVD & 95TH	NY LTANKS	Higher	311, 0.059, West
D117	97-13 147TH PL/QUEEN	97-13 147TH PLACE	NY Spills	Higher	320, 0.061, SSW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K118	CON ED	104-03 150TH AVE	NY MANIFEST	Lower	330, 0.062, ESE
K119	CON EDISON	104-03 150TH AVE	NJ MANIFEST	Lower	330, 0.062, ESE
K120	CON EDISON	104-03 150TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	330, 0.062, ESE
E121	LOT 16,TAXBLOCK 9998	94 AVENUE	NY E DESIGNATION	Higher	331, 0.063, NW
I122	CONSOLIDATED EDISON	94TH AVENUE & 150TH	NY MANIFEST	Higher	333, 0.063, NNE
D123	147-16 97TH AVENUE	147-16 97TH AVENUE	NY VCP	Higher	335, 0.063, SSW
D124	LOT 7,TAXBLOCK 10031	147-16 97 AVENUE	NY E DESIGNATION	Higher	335, 0.063, SSW
G125	LOT 11,TAXBLOCK 1002	95-10 147 PLACE	NY E DESIGNATION	Higher	336, 0.064, WSW
G126	LOT 10,TAXBLOCK 1002	95-08 147 PLACE	NY E DESIGNATION	Higher	336, 0.064, WSW
F127	148-39 94TH AVENUE	148-39 94TH AVENUE	NY VCP	Higher	339, 0.064, North
H128	NEW YORK CITY AUTO S	148-36 LIBERTY AVE	NY SWF/LF, NY SPDES	Lower	342, 0.065, SE
H129	NEW YORK CITY AUTO S	148-36 LIBERTY AVENU	NY AST	Lower	342, 0.065, SE
L130	CLOSED-LACKOF RECENT	148-19 LIBERTY AVENU	NY LTANKS	Higher	347, 0.066, South
L131	LOT 18,TAXBLOCK 1003	147-25 LIBERTY AVENU	NY E DESIGNATION	Higher	348, 0.066, South
M132	LOT 22,TAXBLOCK 9998	94 AVENUE	NY E DESIGNATION	Higher	348, 0.066, NW
I133	LOT 1,TAXBLOCK 9998	94 AVENUE	NY E DESIGNATION	Higher	349, 0.066, North
M134	LOT 19,TAXBLOCK 9998	147-43 94 AVENUE	NY E DESIGNATION	Higher	357, 0.068, NW
N135	LOT 2,TAXBLOCK 9998	148-23 94 AVENUE	NY E DESIGNATION	Higher	357, 0.068, NNW
N136	148-23 94TH AVE	148-23 94TH AVE	NY Spills	Higher	357, 0.068, NNW
N137	SANFORD EQUITY	148-23 94 AVE	NY UST	Higher	357, 0.068, NNW
N138	SANFORD EQUITIES	148-23 94TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	357, 0.068, NNW
G139	LOT 5,TAXBLOCK 10027	147-12 95 AVENUE	NY E DESIGNATION	Higher	359, 0.068, West
M140	94TH AVENUE JAMAICA,	147-20 94TH AVE	NY UST	Higher	361, 0.068, WNW
M141	JAMAICA 94TH AVENUE	147-20 94TH AVE	NY MANIFEST	Higher	361, 0.068, WNW
M142	JAMAICA 94TH AVENUE	147-20 94TH AVE	RCRA NonGen / NLR	Higher	361, 0.068, WNW
M143	JAMAICA 94TH AVENUE	147-20 94TH AVENUE	NY BROWNFIELDS	Higher	361, 0.068, WNW
M144	LOT 9,TAXBLOCK 9999	147-20 94 AVENUE	NY E DESIGNATION	Higher	361, 0.068, WNW
J145	WELBILT TRANSMISSION	150-14 LIBERTY AVENU	NY AST	Lower	367, 0.070, ESE
J146	WELBUILT TRANSMISSIO	150-14 LIBERTY AVE	EDR Hist Auto	Lower	367, 0.070, ESE
J147	BELL ATLANTIC	95-40 TUCKERTON ST	NY Spills	Lower	374, 0.071, ENE
M148	147-25 94TH AVENUE	147-25 94TH AVENUE	NY BROWNFIELDS	Higher	378, 0.072, NW
L149	AUTOTECH AUTO BODY R	147-21 LIBERTY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	378, 0.072, South
I150	LOT 32,TAXBLOCK 1009	150-05 94 AVENUE	NY E DESIGNATION	Lower	390, 0.074, NE
O151	LOT 130,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	397, 0.075, ENE
H152	MEC-TEC AUTOMOTIVE I	148-20 LIBERTY AVENU	NY AST	Lower	397, 0.075, SSE
H153	MEC-TEC AUTOMOTIVE,	148-20 LIBERTY AVENU	NY CBS	Lower	397, 0.075, SSE
L154	NYNEX	148TH ST /LIBERTY AV	NY MANIFEST	Lower	399, 0.076, SSE
J155	J&J AUTO WRECKERS IN	150-35 LIBERTY AVENU	NY AST	Lower	410, 0.078, East
J156	LOT 142,TAXBLOCK 101	150-35 LIBERTY AVENU	NY E DESIGNATION	Lower	410, 0.078, East

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J157	J & J AUTO WRECKERS,	150-35 LIBERTY AVE	NY SWF/LF, NY CBS, NY SPDES	Lower	410, 0.078, East
P158	LOT 3,TAXBLOCK 10027	95 AVENUE	NY E DESIGNATION	Higher	419, 0.079, West
O159	EAST COAST AUTO SALV	95-50 TUCKERTON STRE	NY UST	Lower	420, 0.080, ENE
K160	MAN HOLE # 3057	104-14 150TH ST	NY Spills	Lower	434, 0.082, SE
J161	LOT 138,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	435, 0.082, East
O162	BELL ATLANTIC	95-40 TUCKERTON STRE	NY UST	Lower	436, 0.083, ENE
O163	PHONE CO. GARAGE	9540 TUCKERTON ST	NY Spills	Lower	436, 0.083, ENE
O164	NEW YORK TELEPHONE C	95-40 TUCKERTON ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	436, 0.083, ENE
O165	BELL ATLANTIC	95-40 TUCKERTON STRE	NY AST	Lower	436, 0.083, ENE
O166	9540 TUCKERTON ST/QU	9540 TUCKERTON STREE	NY LTANKS	Lower	436, 0.083, ENE
O167	DRUM RUN	95-40 TUCKERTON ST	NY Spills	Lower	436, 0.083, ENE
O168	95-40 TUCKERTON STRE	95-40 TUCKERTON STRE	NY LTANKS, NY Spills	Lower	436, 0.083, ENE
K169	CINELLY	150-11 GINSBERG RD	NY Spills	Lower	438, 0.083, ESE
L170	LOT 22,TAXBLOCK 1003	147-17 LIBERTY AVENU	NY E DESIGNATION	Higher	439, 0.083, South
G171	95-21 SUTPHIN BLVD	95-21 SUTPHIN BLVD	NY LTANKS	Higher	444, 0.084, WSW
G172	HWC DRY/C&G CLEANERS	95-19 SUTPHIN BLVD.	NY DRYCLEANERS	Higher	444, 0.084, WSW
G173	HWC DRY CLEANERS	95-19 SUTPHIN BLVD	RCRA NonGen / NLR, ICIS, US AIRS, NY MANIFEST	Higher	444, 0.084, WSW
G174	BURRELL CLEANERS	9519 SUTPHIN BLV	EDR Hist Cleaner	Higher	444, 0.084, WSW
G175	LOT 36,TAXBLOCK 1002	95-07 SUTPHIN BOULEV	NY E DESIGNATION	Higher	444, 0.084, WSW
M176	LOT 25,TAXBLOCK 9998	147-07 94 AVENUE	NY E DESIGNATION	Higher	444, 0.084, WNW
M177	WORLD-WIDE FOOD PROD	147-07 94TH AVENUE	NY AST	Higher	444, 0.084, WNW
Q178	95-35 SO. SUTPHIN BL	95-35 SO. SUTPHIN BL	NY Spills	Higher	453, 0.086, SW
L179	LOT 12,TAXBLOCK 1003	97-15 SUTPHIN BOULEV	NY E DESIGNATION	Higher	457, 0.087, SSW
L180	A1 AUTO PARTS INC	97-15 SUTPHIN BLVD	NY SWF/LF	Higher	457, 0.087, SSW
Q181	95-39 SUTPHIN BLVD	95-39 SUTPHIN BLVD	NY Spills	Higher	463, 0.088, SW
Q182	LOT 2,TAXBLOCK 10031	97-01 SUTPHIN BOULEV	NY E DESIGNATION	Higher	472, 0.089, SW
K183	LOT 32,TAXBLOCK 1006	104-18 150 STREET	NY E DESIGNATION	Lower	475, 0.090, SE
O184	LOT 107,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	475, 0.090, NE
L185	LOT 10,TAXBLOCK 1003	97-11 SUTPHIN BOULEV	NY E DESIGNATION	Higher	475, 0.090, SSW
L186	97-11 SUTPHIN BOULEV	97-11 SUTPHIN BOULEV	NY VCP	Higher	475, 0.090, SSW
P187	WAREHOUSE	94-01 SUTPHIN BLVD	NY AST	Higher	479, 0.091, West
P188	LOT 1,TAXBLOCK 9999	94-01 SUTPHIN BOULEV	NY E DESIGNATION	Higher	479, 0.091, West
R189	CITY TRANSIT MIX INC	104-05 148TH STREET	NY AST	Lower	479, 0.091, SSE
R190	CITY TRANSIT MIX INC	104-05 148TH STREET	NY UST	Lower	479, 0.091, SSE
L191	CON EDISON SERVICE B	97-26 147TH PL	RCRA NonGen / NLR, FINDS	Higher	485, 0.092, SSW
L192	CON EDISON	97-26 147TH PL	NY MANIFEST	Higher	485, 0.092, SSW
P193	JFK CENTER ASSOCIATE	94-19 SUTPHIN BLVD	RCRA-LQG	Higher	488, 0.092, West
P194	JFK CENTER	94-19 SUTPHIN BOULVE	NY AST	Higher	488, 0.092, West
K195	LOT 33,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	490, 0.093, SE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
S196	CON EDISON	FO 151-03 94 AVE	NY MANIFEST	Higher	500, 0.095, NNE
K197	LOT 34,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	512, 0.097, SE
R198	CON ED	104-15 148TH ST	NY MANIFEST	Lower	514, 0.097, SSE
R199	CON EDISON	104-15 148TH ST	NJ MANIFEST	Lower	514, 0.097, SSE
R200	CON EDISON	104-15 148TH ST	RCRA NonGen / NLR	Lower	514, 0.097, SSE
L201	LOT 17,TAXBLOCK 1003	97-31 147 PLACE	NY E DESIGNATION	Higher	516, 0.098, SSW
O202	COMMERCIAL LOT	95-65 TUCKERTON ST	NY SPILLS 90	Lower	516, 0.098, East
S203	H.COLES CONSTRUCTION	95-34 157 STREET	NY SWF/LF	Lower	517, 0.098, NE
S204	HOWARD BEACH UNIT SU	157TH AV & 94TH ST	NY Spills	Higher	529, 0.100, NE
J205	NYNEX	LIBERTY AVE & TUCKER	NY MANIFEST	Lower	532, 0.101, East
K206	CITY MASON DIVISION	105 AVE. & 150TH STR	NY SWF/LF	Lower	535, 0.101, SE
K207	SPILL NUMBER 0208998	150TH ST/105TH AV	NY Spills	Lower	536, 0.102, SE
Q208	CON EDISON	SUTPHON BLVD & 97 AV	NY MANIFEST	Higher	542, 0.103, SW
O209	LOT 319,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	545, 0.103, East
R210	LOT 35,TAXBLOCK 1006	105 AVENUE	NY E DESIGNATION	Lower	551, 0.104, SE
R211	LOT 36,TAXBLOCK 1006	105 AVENUE	NY E DESIGNATION	Lower	557, 0.105, SE
O212	IFO JUNK YARD	95-41 TUCKERTON STRE	NY Spills	Lower	568, 0.108, ENE
O213	NYC DEP	95-41 TUCKERTON ST	RCRA NonGen / NLR, NY MANIFEST	Lower	568, 0.108, ENE
T214	CON EDISON	147-05 94TH AVE	NY MANIFEST	Higher	572, 0.108, WNW
T215	CON EDISON	147-05 94TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	572, 0.108, WNW
T216	LOT 42,TAXBLOCK 9998	147-05 94 AVENUE	NY E DESIGNATION	Higher	572, 0.108, WNW
T217	93-43 SUTPHIN BLVD	93-43 SUTPHIN BLVD	NY VCP	Higher	572, 0.108, WNW
T218	LOT 43,TAXBLOCK 9998	93-43 SUTPHIN BOULEV	NY E DESIGNATION	Higher	572, 0.108, WNW
P219	LOT 14,TAXBLOCK 1002	95-26 SUTPHIN BOULEV	NY E DESIGNATION	Higher	575, 0.109, WSW
P220	LOT 12,TAXBLOCK 1002	95-14 SUTPHIN BOULEV	NY E DESIGNATION	Higher	576, 0.109, WSW
P221	LOT 27,TAXBLOCK 9993	94-20 SUTPHIN BOULEV	NY E DESIGNATION	Higher	580, 0.110, West
U222	COMMERCIAL LOT	95-65 TUCKERTON ST	NY Spills	Lower	582, 0.110, East
Q223	LOT 23,TAXBLOCK 1002	95-38 SUTPHIN BOULEV	NY E DESIGNATION	Higher	582, 0.110, SW
V224	DRUM RUN	TUCKERTON STREET AND	NY Spills	Lower	584, 0.111, NE
V225	DRUM RUN	157TH ST AND TUCKERT	NY Spills	Lower	584, 0.111, NE
O226	A & J SCRAP METAL PR	95-49 TUCKERTON STRE	NY SWF/LF	Lower	584, 0.111, ENE
O227	AJ SCRAP METAL	9549 TUCKERTON STREE	NY Spills	Lower	584, 0.111, ENE
O228	LIBERTY SCRAP METAL	95-49 TUCKERTON STRE	NY AST	Lower	584, 0.111, ENE
O229	JUNKYARD	95-49 TUCKERTON ST	NY Spills	Lower	584, 0.111, ENE
O230	PAVEMENT / STREET	95-49 TUCKERTON ST	NY Spills	Lower	584, 0.111, ENE
P231	LOT 25,TAXBLOCK 9993	94-18 SUTPHIN BOULEV	NY E DESIGNATION	Higher	585, 0.111, West
Q232	97-18 SUTPHIN BLVD	97-18 SUTPHIN BLVD	NY VCP	Higher	586, 0.111, SW
Q233	BP JAMAICA	97-44 SUTPHIN BOULEV	NY UST, NY Spills	Higher	588, 0.111, SSW
Q234	BP JAMAICA	97-44 SUTPHIN BOULEV	NY AST	Higher	588, 0.111, SSW

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Q235	LIBERTY SUTPHIN SERV	97-44 SUTPHIN AVE	EDR Hist Auto	Higher	588, 0.111, SSW
P236	LOT 24,TAXBLOCK 9993	94-16 SUTPHIN BOULEV	NY E DESIGNATION	Higher	591, 0.112, West
L237	JAMAICA RECYCLING ME	147-20 LIBERTY AVENU	NY SWRCY	Higher	592, 0.112, South
W238	LOT 22,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	593, 0.112, SE
P239	LOT 6,TAXBLOCK 10026	95-02 SUTPHIN BOULEV	NY E DESIGNATION	Higher	593, 0.112, WSW
T240	LOT 47,TAXBLOCK 9998	93-45 SUTPHIN BOULEV	NY E DESIGNATION	Higher	597, 0.113, WNW
P241	LOT 23,TAXBLOCK 9993	94-14 SUTPHIN BOULEV	NY E DESIGNATION	Higher	597, 0.113, West
T242	LIRR JOHNSON AVE YAR	94TH ST & SUTPHIN BL	NY Spills	Higher	601, 0.114, West
X243	CITY TRANSIT MIX INC	147-16 LIBERTY AVE	NY LTANKS, NY SPDES	Higher	602, 0.114, South
P244	LOT 22,TAXBLOCK 9993	94-12 SUTPHIN BOULEV	NY E DESIGNATION	Higher	604, 0.114, West
P245	CON EDISON SERVICE B	94-12 SUTPHIN BLVD F	RCRA NonGen / NLR, NY MANIFEST	Higher	604, 0.114, West
T246	MTA LIRR - SUTPHIN B	SUTPHIN BLVD & 94TH	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	606, 0.115, West
T247	MTA LIRR - SUTPHIN B	SUTPHIN BLVD & 94TH	NJ MANIFEST	Higher	606, 0.115, West
T248	CON EDISON	SUTPHIN BLVD & 94TH	NY MANIFEST	Higher	606, 0.115, West
X249	CONCEPT AUTO REPAIRS	147-12 LIBERTY AVENU	NY AST	Higher	612, 0.116, South
P250	LOT 20,TAXBLOCK 9993	94-06 SUTPHIN BOULEV	NY E DESIGNATION	Higher	617, 0.117, West
R251	CON ED	104-04 148TH ST	NY MANIFEST	Lower	619, 0.117, SSE
O252	NYNEX	95-40 157TH ST	NY Spills	Lower	626, 0.119, ENE
W253	LOT 23,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	633, 0.120, SE
U254	SERVICE BOX #38864	IFO 155-11 LIBERTY A	NY Spills	Lower	637, 0.121, East
U255	LIBERTY SCRAP INC	155-11 LIBERTY AVE	NY Spills	Lower	637, 0.121, East
U256	LSM AUTO PARTS	155-11 LIBERTY AVE	NY Spills	Lower	637, 0.121, East
U257	LOT 314,TAXBLOCK 101	155-11 LIBERTY AVENU	NY E DESIGNATION	Lower	637, 0.121, East
U258	IN ROAD	155- 11 LIBERTY AVE	NY Spills	Lower	637, 0.121, East
T259	LOT 18,TAXBLOCK 9993	94-02 SUTPHIN BOULEV	NY E DESIGNATION	Higher	654, 0.124, West
Y260	LOT 127,TAXBLOCK 999	93-08 150 STREET	NY E DESIGNATION	Higher	658, 0.125, North
S261	GREENPEACE KLEEN INC	157-12 BEAVER RD	RCRA NonGen / NLR	Lower	659, 0.125, NE
T262	TRI-BRO AUTO SVC INC	93-50 SUTPHIN BOULEV	NY LTANKS, NY UST	Higher	665, 0.126, WNW
T263	TRIBRO AUTO SERVICE	93-50 SUTPHIN BLVD	RCRA NonGen / NLR, ICIS, FINDS, ECHO, NY MANIFEST	Higher	665, 0.126, WNW
Z264	BAM MOBILE TRUCK & A	97-16 SUTPHIN BOULEV	NY AST	Higher	673, 0.127, SW
T265	LIRR	MORRIS PARK STORAGE	NY LTANKS	Higher	674, 0.128, WNW
T266	AIR TRAIN STATION -	93-40 SUTPHINE BLVD	RCRA-VSQG, NY MANIFEST	Higher	684, 0.130, WNW
Z267	TRI-US AUTO RADIATOR	97-20 SUTPHIN BLVD	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	693, 0.131, SSW
AA268	145-07 95TH AVENUE	145-07 95TH AVENUE	NY VCP	Higher	693, 0.131, West
Y269	148-12 ARCHER AVENUE	148-22 ARCHER AVENUE	NY VCP	Higher	698, 0.132, NNW
Y270	CON EDISON	148-22 ARCHER AVE	NY MANIFEST	Higher	698, 0.132, NNW
U271	A-200 AUTO PARTS - A	155-17 LIBERTY AVE	NY AST	Lower	702, 0.133, East
U272	A 2000 AUTO PARTS 7	155-17 LIBERTY AVE	NY SWF/LF	Lower	702, 0.133, East
Y273	ALLIED MOTOR SALES I	93-04 150TH ST	RCRA NonGen / NLR	Higher	706, 0.134, North

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U274	DO-RITE SALVAGE CORP	155-19 LIBERTY AVENU	NY UST	Lower	707, 0.134, East
U275	DO-RITE SALVAGE CORP	155-19 LIBERTY AVE	NY SWF/LF	Lower	707, 0.134, East
Y276	ARCHER AUTO SERVICE,	14910 ARCHER AVENUE	NY AST	Higher	711, 0.135, North
Y277	CON EDISON	93-02 150TH ST	NJ MANIFEST	Higher	715, 0.135, North
Y278	CON EDISON	93-02 150TH ST	NY MANIFEST	Higher	715, 0.135, North
Y279	CON EDISON	93-02 150TH ST	RCRA NonGen / NLR	Higher	715, 0.135, North
Y280	93-02 150TH ST.	93-02 150 ST	NY UST	Higher	715, 0.135, North
Y281	ALL STARS AUTO REPAI	14916 ARCHER AVENUE	NY AST	Higher	727, 0.138, North
AB282	MST AUTO BODY & REPA	148-12 ARCHER AVENUE	NY AST	Higher	730, 0.138, NNW
W283	AMERICAN TORAVE INC.	105-22 150TH STREET	NY AST	Lower	757, 0.143, SE
AC284	JAMAICA GAS & LIGHT	BEAVER RD., & 158TH	NY VCP	Higher	779, 0.148, NE
AC285	K - JAMAICA GAS AND	BEAVER RD., & 158TH	NY SHWS	Higher	779, 0.148, NE
AC286	K - JAMAICA GAS & LI	BEAVER RD., & 158TH	NY BROWNFIELDS	Higher	779, 0.148, NE
AA287	CON EDISON	144-99 95TH AVE	NJ MANIFEST	Higher	782, 0.148, WSW
AA288	CON EDISON	144-99 95TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	782, 0.148, WSW
AA289	CON EDISON	144-99 95TH AVE	NY MANIFEST	Higher	782, 0.148, WSW
Y290	CON EDISON	150TH ST & ARCHER AV	RCRA NonGen / NLR	Higher	783, 0.148, North
Y291	CON EDISON	150TH ST & ARCHER AV	NY MANIFEST	Higher	783, 0.148, North
Y292	CON EDISON SERVICE B	150TH ST & ARCHER AV	RCRA NonGen / NLR, FINDS, ECHO	Higher	783, 0.148, North
Y293	CON EDISON	150TH ST & ARCHER AV	NJ MANIFEST	Higher	783, 0.148, North
W294	BIG G AUTO, INC.	105-23 150TH STREET	NY AST	Lower	789, 0.149, SE
AB295	CON EDISON	147-28 ARCHER AVE	NY MANIFEST	Higher	790, 0.150, NW
U296	SAFEGUARD LIBERTY LL	156-01 LIBERTY AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	796, 0.151, East
AD297	THE CROSSING AT JAMA	147-22 ARCHER AVE	RCRA-LQG	Higher	800, 0.152, NW
AD298	THE CROSSING AT JAMA	147-22 ARCHER AVE	NY MANIFEST	Higher	800, 0.152, NW
AD299	CJ PLAZA ONE LLC	147-22 ARCHER AVE	PA MANIFEST	Higher	800, 0.152, NW
AD300	147-22 ARCHER AVENUE	147-22 ARCHER AVENUE	NY VCP	Higher	800, 0.152, NW
AD301	THE CROSSING AT JAMA	147-22 ARCHER AVENUE	NY UST	Higher	800, 0.152, NW
Y302	LIRR BRIDGE 06-0-095	ABOVE 150TH ST BETWE	RCRA-SQG, NY MANIFEST	Higher	809, 0.153, North
AA303	CON EDISON	144-06 94TH AVE	NY MANIFEST	Higher	833, 0.158, West
AA304	CON EDISON	144-06 94TH AVE	RCRA NonGen / NLR	Higher	833, 0.158, West
AD305	CON EDISON - SERVICE	147-12 ARCHER AVE. A	RCRA-LQG	Higher	849, 0.161, NW
AD306	CON EDISON	147-12 ARCHER AVE &	NY MANIFEST	Higher	849, 0.161, NW
AE307	CON EDISON	151-61 N ARCHER AVE	NY MANIFEST	Higher	849, 0.161, North
AE308	CON EDISON	151-61 N ARCHER AVE	NJ MANIFEST	Higher	849, 0.161, North
AE309	CON EDISON	151-61 N ARCHER AVE	RCRA NonGen / NLR	Higher	849, 0.161, North
AF310	CON EDISON MANHOLE:	SUTPHIN BLVD & 105TH	RCRA NonGen / NLR, FINDS	Lower	854, 0.162, South
AF311	CON EDISON	SUTPHIN BLVD & 105TH	NY MANIFEST	Lower	854, 0.162, South
AG312	TUSCAN DAIRY GARAGE	155-25 STYLER RD	RCRA NonGen / NLR	Lower	857, 0.162, ESE

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AG313	HONEYWELL FARMS	155-25 STYLER ROAD	NY LTANKS, NY UST, NY CBS, NY Spills	Lower	857, 0.162, ESE
AG314	HONEYWELL FARMS	155-25 STYLER ROAD	NY AST	Lower	857, 0.162, ESE
AB315	SALVATION ARMY STORE	148-15 ARCHER AVE	NY AST	Higher	860, 0.163, NNW
AB316	EBY ELECTRO INC	148-05 ARCHER AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	867, 0.164, NNW
AD317	CHEMICAL BANK	93-01 SUTPHIN BLVD	NY AST	Higher	876, 0.166, NW
AH318	ALMEIDA CONCRETE	105-24 148 STREET	NY AST	Lower	878, 0.166, SSE
Y319	CON EDISON	92-12 150TH ST FRONT	NY MANIFEST	Higher	880, 0.167, North
Y320	CON EDISON SERVICE B	92-12 150TH ST FRONT	RCRA NonGen / NLR, FINDS	Higher	880, 0.167, North
AD321	MOTOR TECH	147-23 ARCHER AVE	NY UST, RCRA NonGen / NLR, FINDS, ECHO	Higher	903, 0.171, NW
AG322	HONEYWELL FARMS,INC.	155-25 STYLER ROAD	NY CBS AST	Lower	903, 0.171, ESE
AI323	CON EDISON	93-10 SUTPHIN BLVD	RCRA NonGen / NLR	Higher	908, 0.172, WNW
AI324	CON EDISON	93-10 SUTPHIN BLVD	NJ MANIFEST	Higher	908, 0.172, WNW
AI325	CON EDISON	93-10 SUTPHIN BLVD	NY MANIFEST	Higher	908, 0.172, WNW
AI326	LIRR - JAMAICA STATI	93-02 SUTPHIN BOULEV	NY TANKS, NY Spills	Higher	916, 0.173, WNW
AI327	LIRR JAMAICA STATION	9302 SUTPHIN BOULEVA	RCRA-LQG, NJ MANIFEST, NY MANIFEST	Higher	916, 0.173, WNW
AB328	92-18 149TH ST.	92-18 149TH ST.	NY UST	Higher	917, 0.174, NNW
AC329	JAMAICA GAS AND LIGH	BEAVER RD., AND 158T	EDR MGP	Higher	925, 0.175, NE
330	CON EDISON	STYLER RD & TUCKERTO	NY MANIFEST	Lower	932, 0.177, SE
AJ331	EWG GLASS RECOVERY A	94-54 158TH STREET	NY SWRCY	Lower	932, 0.177, ENE
AH332	CON EDISON	106-04 150 ST	NY MANIFEST	Lower	958, 0.181, SE
AH333	CON EDISON - SERVICE	106-04 150 ST	RCRA-LQG	Lower	958, 0.181, SE
AF334	V-M AUTO COLLISION W	105-06 SUTPHIN BLVD	RCRA NonGen / NLR, NY MANIFEST	Higher	965, 0.183, South
AF335	T & H GARAGE	105-20 SUTPHIN BLVD.	NY AST	Higher	982, 0.186, South
AK336	CON EDISON	149-02 JAMAICA AVE	NY MANIFEST	Higher	992, 0.188, NNW
AK337	CON EDISON SERVICE B	149-02 JAMAICA AVE	RCRA NonGen / NLR, FINDS	Higher	992, 0.188, NNW
AD338	E & M AUTO BODY	92-21 147TH PL	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	993, 0.188, NW
AD339	CON EDISON	92-19 147 PL	NY MANIFEST	Higher	996, 0.189, NW
AL340	CON ED	144-27 94TH AVE	NY MANIFEST	Higher	997, 0.189, West
AL341	CON EDISON	144-27 94TH AVE	NJ MANIFEST	Higher	997, 0.189, West
AL342	AIR TRAIN - PARKING	144-27 94TH AVENUE	NY AST	Higher	997, 0.189, West
AL343	CON EDISON	144-27 94TH AVE	RCRA NonGen / NLR	Higher	997, 0.189, West
AE344	RESIDENCE	8808 151ST AVE	NY LTANKS	Higher	998, 0.189, North
AL345	144-02 94TH AVENUE	144-02 94TH AVENUE	NY VCP	Higher	1000, 0.189, West
AG346	CON EDISON	105-24 156 ST FRNT	NY MANIFEST	Lower	1001, 0.190, ESE
347	CON EDISON - SERVICE	153 ST AND ARCHER AV	RCRA-LQG, NY MANIFEST	Higher	1002, 0.190, NNE
AI348	MTA NYCT - SUTPHIN B	SUTPHIN BLVD & ARCHE	RCRA-SQG, NY MANIFEST	Higher	1013, 0.192, NW
AI349	CON EDISON	ARCHER AVE & SUTPHIN	NY MANIFEST	Higher	1013, 0.192, NW
AI350	CON EDISON	SUTPHIN BLVD & ARCHE	NY MANIFEST	Higher	1013, 0.192, NW
AI351	CON EDISON	ARCHER AVE & SUTPHIN	RCRA NonGen / NLR	Higher	1013, 0.192, NW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AI352	CON EDISON	SUTPHIN BLVD & ARCHE	RCRA NonGen / NLR	Higher	1013, 0.192, NW
AM353	NEW YORK CITY POLICE	150-14 JAMAICA AVE	RCRA-LQG, NY Spills, FINDS, ECHO, NJ MANIFEST, NY...	Higher	1014, 0.192, North
AM354	FORENSIC INVESTIGATI	150-14 JAMAICA AVENU	NY AST	Higher	1014, 0.192, North
AN355	CON EDISON	95TH AVE & LIVERPOOL	NY MANIFEST	Higher	1019, 0.193, WSW
AN356	CON EDISON SERVICE B	95TH AVE & LIVERPOOL	RCRA NonGen / NLR	Higher	1019, 0.193, WSW
357	HONEYWELL FARMS,INC	105-29 156TH STREET	NY UST	Lower	1029, 0.195, ESE
AD358	CON ED	90-79 SUTPHIN BLVD	NY MANIFEST	Higher	1036, 0.196, NW
AD359	CON EDISON - SERVICE	90-79 SUTPHIN BLVD	NJ MANIFEST	Higher	1036, 0.196, NW
AD360	CON EDISON - SERVICE	90-79 SUTPHIN BLVD	RCRA-LQG	Higher	1036, 0.196, NW
AI361	CON EDISON	90-83 SUTPHIN BLVD	NY MANIFEST	Higher	1046, 0.198, NW
AK362	CON EDISON SERVICE B	149TH ST & JAMAICA A	RCRA NonGen / NLR	Higher	1052, 0.199, NNW
AK363	CON EDISON	149TH ST & JAMAICA A	NY MANIFEST	Higher	1052, 0.199, NNW
AL364	CON EDISON	94TH AVE & LIVERPOOL	NY MANIFEST	Higher	1064, 0.202, West
AL365	CON EDISON	94TH AVE & LIVERPOOL	NJ MANIFEST	Higher	1064, 0.202, West
AL366	CON EDISON	SUTPHIN BLVD & 94TH	RCRA NonGen / NLR, FINDS, ECHO	Higher	1064, 0.202, West
AL367	CON EDISON	94TH AVE & LIVERPOOL	RCRA NonGen / NLR	Higher	1064, 0.202, West
AK368	CON EDISON	149-23 JAMAICA AVE F	NY MANIFEST	Higher	1090, 0.206, North
AK369	CON EDISON	149-23 JAMAICA AVE	RCRA NonGen / NLR	Higher	1090, 0.206, North
AK370	CON EDISON	149-23 JAMAICA AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1090, 0.206, North
AL371	CON EDISON SERVICE B	94-08 LIVERPOOL ST F	RCRA NonGen / NLR, NY MANIFEST	Higher	1091, 0.207, West
AK372	CON EDISON	149-13 JAMAICA AVE F	NY MANIFEST	Higher	1095, 0.207, NNW
AK373	CON EDISON SERVICE B	149-13 JAMAICA AVE F	RCRA NonGen / NLR, FINDS	Higher	1095, 0.207, NNW
AO374	NEW QUEENS FAMILY CO	151-20 JAMAICA AVENU	NY AST	Higher	1103, 0.209, NNE
AI375	CON EDISON SERVICE B	146-17 ARCHER AVE FR	RCRA NonGen / NLR, NY MANIFEST	Higher	1131, 0.214, NW
AK376	CON EDISON - MANHOLE	149-01 JAMAICA AVE	NY MANIFEST	Higher	1141, 0.216, NNW
AJ377	FDA - QUEENS	158-15 LIBERTY AVE	NJ MANIFEST	Lower	1153, 0.218, ENE
AJ378	US CUSTOMS LABORATOR	158-15 LIBERTY AVE R	RCRA-VSQG, FINDS, ECHO	Lower	1153, 0.218, ENE
AJ379	DEPARTMENT OF HOMELA	158-15 LIBERTY AVE	NY MANIFEST	Lower	1153, 0.218, ENE
AJ380	FDA - QUEENS	158-15 LIBERTY AVENU	RCRA-LQG, NY Spills, FINDS, ECHO, NY MANIFEST	Lower	1153, 0.218, ENE
AJ381	FDA QUEENS L.P	158-15 LIBERTY AVE	NY UST	Lower	1153, 0.218, ENE
AP382	CON EDISON SERVICE B	147-20 JAMAICA AVE F	RCRA NonGen / NLR, FINDS	Higher	1158, 0.219, NW
AP383	CON EDISON	147-20 JAMAICA AVE F	NY MANIFEST	Higher	1158, 0.219, NW
AP384	CON ED	147-20 JAMAICA AVE	NY MANIFEST	Higher	1158, 0.219, NW
AQ385	CON EDISON	SOUTH RD & 155TH ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	1177, 0.223, ESE
AQ386	CON EDISON	SOUTH RD & 155TH ST	NJ MANIFEST	Lower	1177, 0.223, ESE
AP387	SCACCIA JAMAICA PLAN	147-16 JAMAICA AVE	NY UST	Higher	1180, 0.223, NW
AR388	CON EDISON	91-04 SUTPHIN BLVD	RCRA NonGen / NLR, FINDS, ECHO	Higher	1184, 0.224, NW
AR389	CON EDISON	91-04 SUTPHIN BLVD	NY MANIFEST	Higher	1184, 0.224, NW
AP390	CON EDISON - MANHOLE	147 ST & JAMAICA AVE	NY MANIFEST	Higher	1188, 0.225, NW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AS391	CON EDISON MANHOLE:	101ST AVE & LIVERPOO	RCRA NonGen / NLR, NY MANIFEST	Higher	1190, 0.225, SSW
AJ392	K - JAMAICA HOLDER S	158TH ST. & LIBERTY	NY SHWS, NY BROWNFIELDS	Lower	1190, 0.225, ENE
AO393	CON EDISON SERVICE B	152-27 JAMAICA AVE S	RCRA NonGen / NLR, FINDS	Higher	1191, 0.226, NNE
AO394	CON EDISON	152-27 JAMAICA AVE S	NY MANIFEST	Higher	1191, 0.226, NNE
AQ395	T N T RECYCLING	154-20 SOUTH AVENUE	NY SWRCY	Lower	1192, 0.226, ESE
AQ396	T&T RECYCLING	154-20 SOUTH ROAD	NY SWRCY	Lower	1192, 0.226, ESE
AQ397	NATIONWIDE SCRAP	154-20 SOUTH ROAD	NY SWRCY	Lower	1192, 0.226, ESE
AQ398	NATIONWIDE RECYCLING	154-20 SOUTH ROAD	NY SWRCY	Lower	1192, 0.226, ESE
AP399	CON EDISON SERVICE B	148-05 JAMAICA AVE F	RCRA NonGen / NLR, NY MANIFEST	Higher	1192, 0.226, NNW
AP400	CON EDISON SERVICE B	148-05 JAMAICA AVE F	NJ MANIFEST	Higher	1192, 0.226, NNW
AQ401	BABYLON PAPER RECYCL	JAMAICA	NY SWRCY	Lower	1192, 0.226, ESE
AT402	CON EDISON	150TH ST & SOUTH RD	NJ MANIFEST	Lower	1200, 0.227, SE
AT403	CON EDISON	150TH ST & SOUTH RD	RCRA NonGen / NLR	Lower	1200, 0.227, SE
AT404	CON EDISON	150TH ST & SOUTH RD	NY MANIFEST	Lower	1200, 0.227, SE
405	SUTPHIN AUTO REPAIRS	106-15 SUTPHIN BLVD	NY AST	Lower	1204, 0.228, SSE
AL406	CON EDISON SERVICE B	143-22 94TH AVE FRON	RCRA NonGen / NLR, NY MANIFEST	Higher	1205, 0.228, West
AP407	CON EDISON SERVICE B	147-10 JAMAICA AVE F	RCRA NonGen / NLR, NY MANIFEST	Higher	1211, 0.229, NW
AP408	CON EDISON SERVICE B	147-08 JAMAICA AVE F	RCRA NonGen / NLR, NY MANIFEST	Higher	1223, 0.232, NW
AO409	CON EDISON	JAMAICA AVE & 153RD	NY MANIFEST	Higher	1241, 0.235, NNE
AT410	MIDLAND CARTING INC	147-11 SOUTH RD	RCRA NonGen / NLR	Lower	1242, 0.235, SSE
AT411	106-19 SUTPHIN BOULE	147-11 SOUTH ROAD	NY AST	Lower	1242, 0.235, SSE
AT412	CON ED	147-29 SOUTH ROAD	NY MANIFEST	Lower	1246, 0.236, SSE
AT413	ABS ALTERNATOR & STA	147-29 SOUTH ROAD	NY AST	Lower	1246, 0.236, SSE
AS414	CON EDISON SERVICE B	143-41 101ST AVE FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	1253, 0.237, SW
AU415	PRECISE AUTO REPAIR	91-24 146TH STREET	NY UST	Higher	1265, 0.240, WNW
AV416	JAMAICA SEVEN LLC	90-36 149TH ST	NY AST	Higher	1286, 0.244, NNW
417	153-19 TO 27 JAMAICA	153-19 TO 27 JAMAICA	NY UST	Higher	1287, 0.244, NNE
418	VITA PARTS INC	143-14 94TH AVENUE	NY AST	Higher	1290, 0.244, West
AO419	CON EDISON	153-05 JAMAICA AVE	NJ MANIFEST	Higher	1295, 0.245, NNE
AO420	CON ED	153-05 JAMAICA AVE	NY MANIFEST	Higher	1295, 0.245, NNE
AO421	CON EDISON	153-05 JAMAICA AVE	RCRA NonGen / NLR	Higher	1295, 0.245, NNE
AW422	PUBLIC SCHOOL 82/86	90-36 150TH STREET	NY AST	Higher	1303, 0.247, North
AW423	PUBLIC SCHOOL 82/86	90-36 150TH STREET	NY UST	Higher	1303, 0.247, North
AW424	NYC DEPT OF EDUCATIO	90-36 150TH ST	RCRA-SQG, NY MANIFEST	Higher	1303, 0.247, North
AV425	90-23 149 ST	90-23 149 ST	NY AST	Higher	1308, 0.248, NNW
AU426	MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	NY MANIFEST	Higher	1316, 0.249, WNW
AU427	CON EDISON	OPP 144-15 ARCHER AV	NY MANIFEST	Higher	1316, 0.249, WNW
AU428	MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	NJ MANIFEST	Higher	1316, 0.249, WNW
AU429	MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	RCRA-LQG	Higher	1316, 0.249, WNW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
430	REPUBLIC CARTING CO.	106-21 156 STREET	NY SWF/LF	Lower	1477, 0.280, ESE
431	CLOSED-LACKOF RECENT	90030 153RD AVENUE	NY LTANKS	Higher	1557, 0.295, North
432	BAYSIDE COMMUNITY CH	107-03 150TH STREET	NY LTANKS	Lower	1638, 0.310, SSE
433	CLOSED-LACKOF RECENT	90050 PARSONS BLVD.	NY LTANKS	Higher	1639, 0.310, NNE
434	YORK COLLEGE	94-20 160TH ST	NY LTANKS	Higher	1729, 0.327, NE
AX435	AMERICAN SEVASHRAM,	153-14 90TH AVENUE	NY LTANKS	Higher	1788, 0.339, NNE
436	CLOSED-LACKOF RECENT	106012 LIVERPOOL ST.	NY LTANKS	Higher	1848, 0.350, South
AX437	UNKNOWN RESIDENCE TT	8921 153 ST	NY LTANKS	Higher	1882, 0.356, North
438	148-22 89TH AVE/PILG	148-22 89TH AVE	NY LTANKS	Higher	1948, 0.369, NNW
439	138-57 LLOYD ROAD	138-57 LLOYD ROAD	NY LTANKS	Higher	1984, 0.376, SSW
AY440	90-43 160TH ST/QUEEN	90-43 160TH ST	NY LTANKS	Higher	2087, 0.395, NNE
441	138-07 97TH AVENUE	138-07 97TH AVENUE	NY LTANKS	Higher	2143, 0.406, WSW
AY442	90-11 160TH STREET &	90-11 160TH STREET	NY VCP	Higher	2174, 0.412, NNE
443	FORMER QUEENS FAMILY	89-14 PARSONS BLVD	NY LTANKS, NY UST, NY AST, NY BROWNFIELDS	Higher	2198, 0.416, NNE
444	SOUTH JAMAICA-NYCHA	106-62 160TH ST	NY LTANKS	Lower	2213, 0.419, East
445	FIRST REFORMED CHURC	159-29 90TH AVE	NY LTANKS, NY UST	Higher	2230, 0.422, NNE
AZ446	SALVATION ARMY	90-23 161ST ST	NY LTANKS	Higher	2324, 0.440, NNE
447	APARTMENT BUILDING T	88-09 148TH STREET	NY LTANKS	Higher	2334, 0.442, NNW
BA448	JAMAICA ASSOCIATES	148-48 88TH AVENUE	NY LTANKS, NY AST	Higher	2338, 0.443, NNW
BA449	148-48 88TH AVE	148-48 88TH AVE	NY LTANKS	Higher	2338, 0.443, NNW
BB450	144-15 LIBERTY AVENU	144-15 LIBERTY AVENU	NY VCP	Higher	2346, 0.444, SSW
BA451	SPILL NUMBER 0301057	149-30 88TH ST	NY LTANKS	Higher	2360, 0.447, North
BB452	144-01 LIBERTY AVENU	144-01 LIBERTY AVENU	NY VCP	Higher	2381, 0.451, SW
BA453	RESIDENTS	148-25 88TH AVE	NY LTANKS, NY Spills	Higher	2476, 0.469, NNW
BA454	148-25 88TH AVE	148-25 88TH AVE	NY LTANKS	Higher	2476, 0.469, NNW
455	GROUND	108-43 SUTPHIN BLVD	NY LTANKS	Lower	2516, 0.477, SE
456	RESIDENCE	147-03 88TH AVE.	NY LTANKS	Higher	2524, 0.478, NNW
BB457	143-18 LIBERTY AVENU	143-18 LIBERTY AVENU	NY VCP	Higher	2564, 0.486, SSW
AZ458	OFFICE BUILDING	89-51 162ND ST	NY LTANKS	Higher	2569, 0.487, NE
459	JAMAICA SUBSTATION	137-30 91ST AVE	NY LTANKS, NY Spills	Higher	2593, 0.491, West
460	YORK COLLEGE	94-20 GUY BREWER BLV	NY LTANKS	Higher	2599, 0.492, ENE
461	108-26 LIVERPOOL ST	108-26 LIVERPOOL ST	NY LTANKS	Higher	2624, 0.497, SSE
462	160-11 89TH AVE	160-11 89TH AVE	NY LTANKS	Higher	2628, 0.498, NNE
463	88-15 144TH ST	88-15 144TH ST	NY LTANKS	Higher	2636, 0.499, NW
464	148-28 HILLSIDE AVEN	148-28 HILLSIDE AVEN	NY SHWS	Higher	2711, 0.513, NNW
465	FORMER DURASPEC ELEC	87-83 139TH STREET	NY SHWS	Higher	3192, 0.605, NW
466	107-35 MERRICK BLVD-	107-35 MERRICK BLVD.	NY SHWS	Lower	4254, 0.806, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
LOT 1,TAXBLOCK 10001 95-04 149 STREET QUEENS, NY 11435	NY E DESIGNATION	N/A
ABBOTT INDUSTRIES IN 95-04 149TH STREET JAMAICA, NY 11435	NY UST Database: UST, Date of Government Version: 06/24/2019	N/A
95-04 149 ST 95-04 149 ST NEW YORK CITY, NY	NY LTANKS Spill Number/Closed Date: 8804089 / 1992-09-30 Site ID: 281330 Spill Date: 1988-08-09	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
NY CBS UST ..... Chemical Bulk Storage Database
NY MOSF UST ..... Major Oil Storage Facilities Database
NY MOSF ..... Major Oil Storage Facility Site Listing
NY MOSF AST ..... Major Oil Storage Facilities Database
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL ..... Restrictive Declarations Listing
NY ENG CONTROLS ..... Registry of Engineering Controls
NY INST CONTROL ..... Registry of Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP ..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ..... Registered Waste Tire Storage & Facility List

INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
NY DEL SHWS ---- Delisted Registry Sites
US CDL ---- National Clandestine Laboratory Register
NY PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations

FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
UXO Unexploded Ordnance Sites
DOCKET HWC Hazardous Waste Compliance Docket Listing
FUELS PROGRAM EPA Fuels Program Registered Listing
NY AIRS Air Emissions Data
NY COAL ASH Coal Ash Disposal Site Listing
NY Financial Assurance Financial Assurance Information Listing
NY HSWDS Hazardous Substance Waste Disposal Site Inventory
NY VAPOR REOPENED Vapor Intrusion Legacy Site List
NY UIC Underground Injection Control Wells
NY COOLING TOWERS Registered Cooling Towers
MINES MRDS Mineral Resources Data System

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 10 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JFK CENTER ASSOCIATE	94-19 SUTPHIN BLVD	W 0 - 1/8 (0.092 mi.)	P193	291

EPA ID:: NYR000145052				
THE CROSSING AT JAMA EPA ID:: NYR000230482	147-22 ARCHER AVE	NW 1/8 - 1/4 (0.152 mi.)	AD297	456
CON EDISON - SERVICE EPA ID:: NYP004396784	147-12 ARCHER AVE. A	NW 1/8 - 1/4 (0.161 mi.)	AD305	475
LIRR JAMAICA STATION EPA ID:: NYR000104992	***9302 SUTPHIN BOULEVA***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI327***	***533***
CON EDISON - SERVICE EPA ID:: NYP004400495	***153 ST AND ARCHER AV***	***NNE 1/8 - 1/4 (0.190 mi.)***	***347***	***569***
NEW YORK CITY POLICE EPA ID:: NYR000086314	***150-14 JAMAICA AVE***	***N 1/8 - 1/4 (0.192 mi.)***	***AM353***	***580***
CON EDISON - SERVICE EPA ID:: NYP004854093	90-79 SUTPHIN BLVD	NW 1/8 - 1/4 (0.196 mi.)	AD360	620
MTA LIRR ARCHER AVEN EPA ID:: NYR000213447	144-15 ARCHER AVE	WNW 1/8 - 1/4 (0.249 mi.)	AU429	753

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - SERVICE EPA ID:: NYP004384111	106-04 150 ST	SE 1/8 - 1/4 (0.181 mi.)	AH333	546
FDA - QUEENS EPA ID:: NYR000085233	***158-15 LIBERTY AVENU***	***ENE 1/8 - 1/4 (0.218 mi.)***	***AJ380***	***652***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIRR BRIDGE 06-0-095 EPA ID:: NYR000014084	***ABOVE 150TH ST BETWE***	***N 1/8 - 1/4 (0.153 mi.)***	***Y302***	***469***
MTA NYCT - SUTPHIN B EPA ID:: NYR000022756	***SUTPHIN BLVD & ARCHE***	***NW 1/8 - 1/4 (0.192 mi.)***	***AI348***	***572***
NYC DEPT OF EDUCATIO EPA ID:: NYR000011221	***90-36 150TH ST***	***N 1/8 - 1/4 (0.247 mi.)***	***AW424***	***742***

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

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are

5 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AIR TRAIN STATION - EPA ID:: NYR000165787	***93-40 SUTPHINE BLVD***	***WNW 1/8 - 1/4 (0.130 mi.)***	***T266***	***397***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABBOTT INDUSTRIES IN EPA ID:: NYD002031870	***95-25 149TH ST***	***0 - 1/8 (0.000 mi.)***	***A7***	***19***
QUEENS INDUSTRIAL EL EPA ID:: NYD012420261	***94-12 150TH ST***	***NNE 0 - 1/8 (0.029 mi.)***	***B68***	***77***
SPEEDWAY 7826 EPA ID:: NYR000229674	***14827 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C77***	***123***
US CUSTOMS LABORATOR EPA ID:: NYR000103002	***158-15 LIBERTY AVE R***	***ENE 1/8 - 1/4 (0.218 mi.)***	***AJ378***	***648***

State- and tribal - equivalent CERCLIS

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

A review of the NY SHWS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 5 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
K - JAMAICA GAS AND Site Code: 378997	BEAVER RD., & 158TH	NE 1/8 - 1/4 (0.148 mi.)	AC285	436
148-28 HILLSIDE AVEN Site Code: 537812	148-28 HILLSIDE AVEN	NNW 1/2 - 1 (0.513 mi.)	464	823
FORMER DURASPEC ELEC Site Code: 549987	87-83 139TH STREET	NW 1/2 - 1 (0.605 mi.)	465	824

Lower Elevation	Address	Direction / Distance	Map ID	Page
K - JAMAICA HOLDER S Site Code: 378996	***158TH ST. & LIBERTY***	***ENE 1/8 - 1/4 (0.225 mi.)***	***AJ392***	***688***
107-35 MERRICK BLVD- Site Code: 574182	107-35 MERRICK BLVD.	E 1/2 - 1 (0.806 mi.)	466	826

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

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

A review of the NY SWF/LF list, as provided by EDR, and dated 07/02/2019 has revealed that there are 12 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A1 AUTO PARTS INC	97-15 SUTPHIN BLVD	SSW 0 - 1/8 (0.087 mi.)	L180	276

Lower Elevation	Address	Direction / Distance	Map ID	Page
TIC TAC AUTO INC	150-08 BEAVER ROAD	ENE 0 - 1/8 (0.025 mi.)	B64	70
EASY DOES IT AUTO SA	15008 BEAVER ROAD	ENE 0 - 1/8 (0.025 mi.)	B66	73
LIBERTY AUTO PARTS I	97-09 150TH STREET	ESE 0 - 1/8 (0.035 mi.)	C80	126
NEW YORK CITY AUTO S	***148-36 LIBERTY AVE***	***SE 0 - 1/8 (0.065 mi.)***	***H128***	***190***
J & J AUTO WRECKERS,	***150-35 LIBERTY AVE***	***E 0 - 1/8 (0.078 mi.)***	***J157***	***240***
H.COLES CONSTRUCTION	95-34 157 STREET	NE 0 - 1/8 (0.098 mi.)	S203	302
CITY MASON DIVISION	105 AVE. & 150TH STR	SE 0 - 1/8 (0.101 mi.)	K206	306
A & J SCRAP METAL PR	95-49 TUCKERTON STRE	ENE 0 - 1/8 (0.111 mi.)	O226	328
A 2000 AUTO PARTS 7	155-17 LIBERTY AVE	E 1/8 - 1/4 (0.133 mi.)	U272	407
DO-RITE SALVAGE CORP	155-19 LIBERTY AVE	E 1/8 - 1/4 (0.134 mi.)	U275	418
REPUBLIC CARTING CO.	106-21 156 STREET	ESE 1/4 - 1/2 (0.280 mi.)	430	755

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 43 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS CONCRETE	***95-11 147TH PLACE***	***W 0 - 1/8 (0.044 mi.)***	***G98***	***143***
Spill Number/Closed Date: 9103735 / 1995-05-25				
Site ID: 215198				
Spill Date: 1991-07-08				
CONTEMP PROCESSING I	***94-01 150TH ST***	***NNE 0 - 1/8 (0.059 mi.)***	***I112***	***171***
Spill Number/Closed Date: 9909545 / 2003-12-09				
Site ID: 84431				
Spill Date: 1999-11-05				
MAX'S LUNCHEONETTE	SPUTPHIN BLVD & 95TH	W 0 - 1/8 (0.059 mi.)	G116	181
Spill Number/Closed Date: 9410935 / 1994-11-16				
Site ID: 142208				
Spill Date: 1994-11-16				
CLOSED-LACKOF RECENT	148-19 LIBERTY AVENU	S 0 - 1/8 (0.066 mi.)	L130	194
Spill Number/Closed Date: 8801528 / 2003-03-05				
Site ID: 192190				

Spill Date: 1988-05-19				
95-21 SUTPHIN BLVD Spill Number/Closed Date: 9508921 / 1995-10-20 Site ID: 95651 Spill Date: 1995-10-20	95-21 SUTPHIN BLVD	WSW 0 - 1/8 (0.084 mi.)	G171	263
CITY TRANSIT MIX INC Spill Number/Closed Date: 0612956 / 2010-08-13 Site ID: 377910 Spill Date: 2007-03-02	***147-16 LIBERTY AVE***	***S 0 - 1/8 (0.114 mi.)***	***X243***	***355***
TRI-BRO AUTO SVC INC Spill Number/Closed Date: 9907900 / 2004-12-28 Site ID: 104840 Spill Date: 1999-09-29	***93-50 SUTPHIN BOULEV***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T262***	***381***
LIRR Spill Number/Closed Date: 0008005 / 2004-05-18 Site ID: 291518 Spill Date: 2000-10-07	MORRIS PARK STORAGE	WNW 1/8 - 1/4 (0.128 mi.)	T265	396
RESIDENCE Spill Number/Closed Date: 1510485 / 2016-03-02 Site ID: 521170 Spill Date: 2016-01-26	8808 151ST AVE	N 1/8 - 1/4 (0.189 mi.)	AE344	566
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8800818 / 2003-02-18 Site ID: 93942 Spill Date: 1988-04-26	90030 153RD AVENUE	N 1/4 - 1/2 (0.295 mi.)	431	756
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8801087 / 2003-03-05 Site ID: 250709 Spill Date: 1988-05-04	90050 PARSONS BLVD.	NNE 1/4 - 1/2 (0.310 mi.)	433	758
YORK COLLEGE Spill Number/Closed Date: 0511961 / 2006-03-21 Site ID: 358210 Spill Date: 2006-01-17	94-20 160TH ST	NE 1/4 - 1/2 (0.327 mi.)	434	760
AMERICAN SEVASHRAM, Spill Number/Closed Date: 9811864 / 2015-04-03 Site ID: 134351 Spill Date: 1998-12-17	153-14 90TH AVENUE	NNE 1/4 - 1/2 (0.339 mi.)	AX435	761
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8705555 / 2003-03-04 Site ID: 253239 Spill Date: 1987-10-01	106012 LIVERPOOL ST.	S 1/4 - 1/2 (0.350 mi.)	436	764
UNKNOWN RESIDENCE TT Spill Number/Closed Date: 1113949 / 2013-04-05 Site ID: 461978 Spill Date: 2012-03-14	8921 153 ST	N 1/4 - 1/2 (0.356 mi.)	AX437	765
148-22 89TH AVE/PILG Spill Number/Closed Date: 9109998 / 1991-12-20 Site ID: 148690 Spill Date: 1991-12-19	148-22 89TH AVE	NNW 1/4 - 1/2 (0.369 mi.)	438	766
138-57 LLOYD ROAD	138-57 LLOYD ROAD	SSW 1/4 - 1/2 (0.376 mi.)	439	767

Spill Number/Closed Date: 9209764 / 1993-11-21
Site ID: 135811
Spill Date: 1992-11-21

90-43 160TH ST/QUEEN — 90-43 160TH ST — NNE 1/4 - 1/2 (0.395 mi.) — AY440 — 768
Spill Number/Closed Date: 8707224 / 1987-11-22
Site ID: 168913
Spill Date: 1987-11-22

138-07 97TH AVENUE — 138-07 97TH AVENUE — WSW 1/4 - 1/2 (0.406 mi.) — 441 — 769
Spill Number/Closed Date: 9312378 / 1994-01-21
Site ID: 120397
Spill Date: 1994-01-21

FORMER QUEENS FAMILY — ***89-14 PARSONS BLVD*** — ***NNE 1/4 - 1/2 (0.416 mi.)*** — ***443*** — ***771***
Spill Number/Closed Date: 0101552 / 2006-07-26
Spill Number/Closed Date: 0202895 / 2003-10-24
Site ID: 269885
Site ID: 269886
Spill Date: 2001-05-10
Spill Date: 2002-06-19

FIRST REFORMED CHURC — ***159-29 90TH AVE*** — ***NNE 1/4 - 1/2 (0.422 mi.)*** — ***445*** — ***781***
Spill Number/Closed Date: 0812889 / 2009-12-24
Site ID: 410539
Spill Date: 2009-02-27

SALVATION ARMY — 90-23 161ST ST — NNE 1/4 - 1/2 (0.440 mi.) — AZ446 — 785
Spill Number/Closed Date: 0212020 / 2003-03-06
Site ID: 206161
Spill Date: 2003-03-06

APARTMENT BUILDING T — 88-09 148TH STREET — NNW 1/4 - 1/2 (0.442 mi.) — 447 — 786
Spill Number/Closed Date: 1008456 / 2012-02-23
Spill Number/Closed Date: 0514082 / 2007-03-13
Site ID: 441947
Site ID: 360714
Spill Date: 2010-11-11
Spill Date: 2006-03-09

JAMAICA ASSOCIATES — ***148-48 88TH AVENUE*** — ***NNW 1/4 - 1/2 (0.443 mi.)*** — ***BA448*** — ***790***
Spill Number/Closed Date: 9514029 / 1996-02-03
Site ID: 245255
Spill Date: 1996-02-03

148-48 88TH AVE — 148-48 88TH AVE — NNW 1/4 - 1/2 (0.443 mi.) — BA449 — 793
Spill Number/Closed Date: 9514027 / 1996-02-03
Site ID: 267902
Spill Date: 1996-02-02

SPILL NUMBER 0301057 — 149-30 88TH ST — N 1/4 - 1/2 (0.447 mi.) — BA451 — 794
Spill Number/Closed Date: 0301057 / 2003-05-07
Site ID: 102586
Spill Date: 2003-04-29

RESIDENTS — ***148-25 88TH AVE*** — ***NNW 1/4 - 1/2 (0.469 mi.)*** — ***BA453*** — ***796***
Spill Number/Closed Date: 0008634 / 2003-04-21
Site ID: 318786
Spill Date: 2000-10-24

148-25 88TH AVE — 148-25 88TH AVE — NNW 1/4 - 1/2 (0.469 mi.) — BA454 — 798
Spill Number/Closed Date: 9210394 / 1992-12-09

Site ID: 318788
Spill Date: 1992-12-09

RESIDENCE Spill Number/Closed Date: 0712287 / 2008-09-17 Site ID: 393884 Spill Date: 2008-02-21	147-03 88TH AVE.	NNW 1/4 - 1/2 (0.478 mi.)	456	800
OFFICE BUILDING Spill Number/Closed Date: 0111056 / 2002-02-22 Site ID: 138013 Spill Date: 2002-02-19	89-51 162ND ST	NE 1/4 - 1/2 (0.487 mi.)	AZ458	802
JAMAICA SUBSTATION Spill Number/Closed Date: 0110154 / 2002-12-06 Site ID: 74364 Spill Date: 2002-01-22	***137-30 91ST AVE***	***W 1/4 - 1/2 (0.491 mi.)***	***459***	***803***
YORK COLLEGE Spill Number/Closed Date: 0700361 / 2007-05-10 Site ID: 379691 Spill Date: 2007-04-11	94-20 GUY BREWER BLV	ENE 1/4 - 1/2 (0.492 mi.)	460	818
108-26 LIVERPOOL ST Spill Number/Closed Date: 9108595 / 1991-11-13 Site ID: 202937 Spill Date: 1991-11-11	108-26 LIVERPOOL ST	SSE 1/4 - 1/2 (0.497 mi.)	461	820
160-11 89TH AVE Spill Number/Closed Date: 0612572 / 2007-06-26 Site ID: 377432 Spill Date: 2007-02-20	160-11 89TH AVE	NNE 1/4 - 1/2 (0.498 mi.)	462	821
88-15 144TH ST Spill Number/Closed Date: 8800520 / 1992-09-30 Site ID: 201681 Spill Date: 1988-04-15	88-15 144TH ST	NW 1/4 - 1/2 (0.499 mi.)	463	822

Lower Elevation	Address	Direction / Distance	Map ID	Page
HESS/MERIT STATION 3 Spill Number/Closed Date: 9600085 / 1996-04-02 Site ID: 195422 Spill Date: 1996-04-02	***148-27 LIBERTY AVENU***	***SE 0 - 1/8 (0.034 mi.)***	***C76***	***120***
MERIT SERVICE STATIO Spill Number/Closed Date: 9409085 / 1995-07-18 Site ID: 329799 Spill Date: 1994-10-07	148 LIBERTY AVE	SE 0 - 1/8 (0.056 mi.)	H108	168
9540 TUCKERTON ST/QU Spill Number/Closed Date: 9003131 / 1991-06-18 Site ID: 279092 Spill Date: 1990-06-18	9540 TUCKERTON STREE	ENE 0 - 1/8 (0.083 mi.)	O166	256
95-40 TUCKERTON STRE Spill Number/Closed Date: 9108734 / 1997-10-07 Site ID: 212664 Spill Date: 1991-11-15	***95-40 TUCKERTON STRE***	***ENE 0 - 1/8 (0.083 mi.)***	***O168***	***259***
HONEYWELL FARMS Spill Number/Closed Date: 9203003 / 2006-03-31	***155-25 STYLER ROAD***	***ESE 1/8 - 1/4 (0.162 mi.)***	***AG313***	***486***

Site ID: 253301 Spill Date: 1991-12-01				
BAYSIDE COMMUNITY CH Spill Number/Closed Date: 8709586 / 1988-02-12 Site ID: 225926 Spill Date: 1988-02-11	107-03 150TH STREET	SSE 1/4 - 1/2 (0.310 mi.)	432	757
SOUTH JAMAICA-NYCHA Spill Number/Closed Date: 9902687 / 2014-05-23 Site ID: 278097 Spill Date: 1999-06-08	106-62 160TH ST	E 1/4 - 1/2 (0.419 mi.)	444	780
GROUND Spill Number/Closed Date: 1900229 / Not Reported Site ID: 586053 Spill Date: 2019-04-08	108-43 SUTPHIN BLVD	SE 1/4 - 1/2 (0.477 mi.)	455	799

State and tribal registered storage tank lists

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

A review of the NY UST list, as provided by EDR, has revealed that there are 25 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS CONCRETE Database: UST, Date of Government Version: 06/24/2019	***95-11 147TH PLACE***	***W 0 - 1/8 (0.044 mi.)***	***G98***	***143***
CONTEMP PROCESSING I Database: UST, Date of Government Version: 06/24/2019	***94-01 150TH ST***	***NNE 0 - 1/8 (0.059 mi.)***	***I112***	***171***
SANFORD EQUITY Database: UST, Date of Government Version: 06/24/2019	148-23 94 AVE	NNW 0 - 1/8 (0.068 mi.)	N137	199
94TH AVENUE JAMAICA, Database: UST, Date of Government Version: 06/24/2019	147-20 94TH AVE	WNW 0 - 1/8 (0.068 mi.)	M140	206
BP JAMAICA Database: UST, Date of Government Version: 06/24/2019	***97-44 SUTPHIN BOULEV***	***SSW 0 - 1/8 (0.111 mi.)***	***Q233***	***340***
TRI-BRO AUTO SVC INC Database: UST, Date of Government Version: 06/24/2019	***93-50 SUTPHIN BOULEV***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T262***	***381***
93-02 150TH ST. Database: UST, Date of Government Version: 06/24/2019	93-02 150 ST	N 1/8 - 1/4 (0.135 mi.)	Y280	424
THE CROSSING AT JAMA Database: UST, Date of Government Version: 06/24/2019	147-22 ARCHER AVENUE	NW 1/8 - 1/4 (0.152 mi.)	AD301	461
MOTOR TECH Database: UST, Date of Government Version: 06/24/2019	***147-23 ARCHER AVE***	***NW 1/8 - 1/4 (0.171 mi.)***	***AD321***	***513***
92-18 149TH ST. Database: UST, Date of Government Version: 06/24/2019	92-18 149TH ST.	NNW 1/8 - 1/4 (0.174 mi.)	AB328	540
SCACCIA JAMAICA PLAN Database: UST, Date of Government Version: 06/24/2019	147-16 JAMAICA AVE	NW 1/8 - 1/4 (0.223 mi.)	AP387	678
PRECISE AUTO REPAIR Database: UST, Date of Government Version: 06/24/2019	91-24 146TH STREET	WNW 1/8 - 1/4 (0.240 mi.)	AU415	724

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
153-19 TO 27 JAMAICA Database: UST, Date of Government Version: 06/24/2019	153-19 TO 27 JAMAICA	NNE 1/8 - 1/4 (0.244 mi.)	417	729
PUBLIC SCHOOL 82/86 Database: UST, Date of Government Version: 06/24/2019	90-36 150TH STREET	N 1/8 - 1/4 (0.247 mi.)	AW423	739

Lower Elevation	Address	Direction / Distance	Map ID	Page
CC PRECISION WELDING Database: UST, Date of Government Version: 06/24/2019	150-09 BEAVER ROAD	NE 0 - 1/8 (0.018 mi.)	B60	63
MERIT LIBERTY Database: UST, Date of Government Version: 06/24/2019	***148 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C75***	***86***
148-19 LIBERTY AVENU Database: UST, Date of Government Version: 06/24/2019	148-19 LIBERTY AVENU	SSE 0 - 1/8 (0.044 mi.)	H95	139
QUEENS ENFORCEMENT (Database: UST, Date of Government Version: 06/24/2019	***150-24 BEAVER ROAD***	***NE 0 - 1/8 (0.056 mi.)***	***I106***	***160***
EAST COAST AUTO SALV Database: UST, Date of Government Version: 06/24/2019	95-50 TUCKERTON STRE	ENE 0 - 1/8 (0.080 mi.)	O159	243
BELL ATLANTIC Database: UST, Date of Government Version: 06/24/2019	95-40 TUCKERTON STRE	ENE 0 - 1/8 (0.083 mi.)	O162	248
CITY TRANSIT MIX INC Database: UST, Date of Government Version: 06/24/2019	104-05 148TH STREET	SSE 0 - 1/8 (0.091 mi.)	R190	285
DO-RITE SALVAGE CORP Database: UST, Date of Government Version: 06/24/2019	155-19 LIBERTY AVENU	E 1/8 - 1/4 (0.134 mi.)	U274	410
HONEYWELL FARMS Database: UST, Date of Government Version: 06/24/2019	***155-25 STYLER ROAD***	***ESE 1/8 - 1/4 (0.162 mi.)***	***AG313***	***486***
HONEYWELL FARMS,INC Database: UST, Date of Government Version: 06/24/2019	105-29 156TH STREET	ESE 1/8 - 1/4 (0.195 mi.)	357	616
FDA QUEENS L.P Database: UST, Date of Government Version: 06/24/2019	158-15 LIBERTY AVE	ENE 1/8 - 1/4 (0.218 mi.)	AJ381	664

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

A review of the NY CBS list, as provided by EDR, and dated 06/24/2019 has revealed that there are 4 NY CBS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS TRANSIT MIX Facility Status: Unregulated/Closed CBS Number: 2-000185	***95-11 147 PL***	***W 0 - 1/8 (0.044 mi.)***	***G96***	***141***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MEC-TEC AUTOMOTIVE, Facility Status: Inactive CBS Number: 2-000453	148-20 LIBERTY AVENU	SSE 0 - 1/8 (0.075 mi.)	H153	236
J & J AUTO WRECKERS,	***150-35 LIBERTY AVE***	***E 0 - 1/8 (0.078 mi.)***	***J157***	***240***

Facility Status: Unregulated/Closed
CBS Number: 2-000435

HONEYWELL FARMS ***155-25 STYLER ROAD*** ***ESE 1/8 - 1/4 (0.162 mi.)*** ***AG313*** ***486***
Facility Status: Unregulated/Closed
CBS Number: 2-000057

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

A review of the NY AST list, as provided by EDR, has revealed that there are 41 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS CONCRETE	***95-11 147TH PLACE***	***W 0 - 1/8 (0.044 mi.)***	***G98***	***143***
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-600250				
LIBERTY ASHES INC	94-02 150TH STREET	NNE 0 - 1/8 (0.046 mi.)	F101	153
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610080				
WORLD-WIDE FOOD PROD	147-07 94TH AVENUE	WNW 0 - 1/8 (0.084 mi.)	M177	272
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612215				
WAREHOUSE	94-01 SUTPHIN BLVD	W 0 - 1/8 (0.091 mi.)	P187	279
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-607871				
JFK CENTER	94-19 SUTPHIN BOULVE	W 0 - 1/8 (0.092 mi.)	P194	292
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610507				
BP JAMAICA	97-44 SUTPHIN BOULEV	SSW 0 - 1/8 (0.111 mi.)	Q234	348
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-191426				
CONCEPT AUTO REPAIRS	147-12 LIBERTY AVENU	S 0 - 1/8 (0.116 mi.)	X249	367
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-605031				
BAM MOBILE TRUCK & A	97-16 SUTPHIN BOULEV	SW 1/8 - 1/4 (0.127 mi.)	Z264	394
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-611329				
ARCHER AUTO SERVICE,	14910 ARCHER AVENUE	N 1/8 - 1/4 (0.135 mi.)	Y276	418
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612019				
ALL STARS AUTO REPAI	14916 ARCHER AVENUE	N 1/8 - 1/4 (0.138 mi.)	Y281	428
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612031				
MST AUTO BODY & REPA	148-12 ARCHER AVENUE	NNW 1/8 - 1/4 (0.138 mi.)	AB282	430
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612018				
SALVATION ARMY STORE	148-15 ARCHER AVE	NNW 1/8 - 1/4 (0.163 mi.)	AB315	499
Database: AST, Date of Government Version: 06/24/2019				

Facility Id: 2-257672				
CHEMICAL BANK Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-153605	93-01 SUTPHIN BLVD	NW 1/8 - 1/4 (0.166 mi.)	AD317	505
T & H GARAGE Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-603382	105-20 SUTPHIN BLVD.	S 1/8 - 1/4 (0.186 mi.)	AF335	551
AIR TRAIN - PARKING Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610378	144-27 94TH AVENUE	W 1/8 - 1/4 (0.189 mi.)	AL342	562
FORENSIC INVESTIGATI Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-604386	150-14 JAMAICA AVENU	N 1/8 - 1/4 (0.192 mi.)	AM354	611
NEW QUEENS FAMILY CO Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610545	151-20 JAMAICA AVENU	NNE 1/8 - 1/4 (0.209 mi.)	AO374	640
JAMAICA SEVEN LLC Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-244317	90-36 149TH ST	NNW 1/8 - 1/4 (0.244 mi.)	AV416	726
VITA PARTS INC Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610421	143-14 94TH AVENUE	W 1/8 - 1/4 (0.244 mi.)	418	731
PUBLIC SCHOOL 82/86 Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-604693	90-36 150TH STREET	N 1/8 - 1/4 (0.247 mi.)	AW422	737
90-23 149 ST Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-091804	90-23 149 ST	NNW 1/8 - 1/4 (0.248 mi.)	AV425	745

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABBOTT INDUSTRIES IN Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-249963	95-25 149TH ST	0 - 1/8 (0.000 mi.)	A6	16
ABBOTT INDUSTRIES IN Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-249971	97-02 150TH ST	ESE 0 - 1/8 (0.015 mi.)	C51	57
TIC TAC AUTO INC. Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-609557	150-08 BEAVER ROAD	ENE 0 - 1/8 (0.025 mi.)	B65	71
FULL SERVICE AUTO RE Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610613	150-18-30 LIBERTY AV	ESE 0 - 1/8 (0.045 mi.)	C99	150
QUEENS ENFORCEMENT (Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-455415	***150-24 BEAVER ROAD***	***NE 0 - 1/8 (0.056 mi.)***	***I106***	***160***
NEW YORK CITY AUTO S Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-603085	148-36 LIBERTY AVENU	SE 0 - 1/8 (0.065 mi.)	H129	192
WELBILT TRANSMISSION Database: AST, Date of Government Version: 06/24/2019	150-14 LIBERTY AVENU	ESE 0 - 1/8 (0.070 mi.)	J145	218

Facility Id: 2-611479				
MEC-TEC AUTOMOTIVE I Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610517	148-20 LIBERTY AVENU	SSE 0 - 1/8 (0.075 mi.)	H152	231
J&J AUTO WRECKERS IN Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-609164	150-35 LIBERTY AVENU	E 0 - 1/8 (0.078 mi.)	J155	237
BELL ATLANTIC Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-343889	95-40 TUCKERTON STRE	ENE 0 - 1/8 (0.083 mi.)	O165	255
CITY TRANSIT MIX INC Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-258725	104-05 148TH STREET	SSE 0 - 1/8 (0.091 mi.)	R189	282
LIBERTY SCRAP METAL Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610668	95-49 TUCKERTON STRE	ENE 0 - 1/8 (0.111 mi.)	O228	332
A-200 AUTO PARTS - A Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610420	155-17 LIBERTY AVE	E 1/8 - 1/4 (0.133 mi.)	U271	405
AMERICAN TORAVE INC. Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-611765	105-22 150TH STREET	SE 1/8 - 1/4 (0.143 mi.)	W283	432
BIG G AUTO, INC. Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-604364	105-23 150TH STREET	SE 1/8 - 1/4 (0.149 mi.)	W294	449
HONEYWELL FARMS Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-268445	155-25 STYLER ROAD	ESE 1/8 - 1/4 (0.162 mi.)	AG314	495
ALMEIDA CONCRETE Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612639	105-24 148 STREET	SSE 1/8 - 1/4 (0.166 mi.)	AH318	507
SUTPHIN AUTO REPAIRS Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-604116	106-15 SUTPHIN BLVD	SSE 1/8 - 1/4 (0.228 mi.)	405	703
106-19 SUTPHIN BOULE Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612147	147-11 SOUTH ROAD	SSE 1/8 - 1/4 (0.235 mi.)	AT411	715
ABS ALTERNATOR & STA Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610773	147-29 SOUTH ROAD	SSE 1/8 - 1/4 (0.236 mi.)	AT413	720

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

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are

2 NY CBS AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS TRANSIT MIX	***95-11 147 PL***	***W 0 - 1/8 (0.044 mi.)***	***G96***	***141***
Facility Status: 2 Facility Status: 1 CBS Number: 2-000185				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HONEYWELL FARMS,INC.	155-25 STYLER ROAD	ESE 1/8 - 1/4 (0.171 mi.)	AG322	519
Facility Status: 1 Facility Status: 1 CBS Number: 2-000057				

NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the NY TANKS list, as provided by EDR, has revealed that there is 1 NY TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIRR - JAMAICA STATI	***93-02 SUTPHIN BOULEV***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI326***	***524***
Database: TANKS, Date of Government Version: 06/24/2019 Facility Id: 2-600338 Site Status: Active				

State and tribal voluntary cleanup sites

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

A review of the NY VCP list, as provided by EDR, has revealed that there are 14 NY VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
147-16 97TH AVENUE	147-16 97TH AVENUE	SSW 0 - 1/8 (0.063 mi.)	D123	188
Database: VCP NYC, Date of Government Version: 08/20/2019				
148-39 94TH AVENUE	148-39 94TH AVENUE	N 0 - 1/8 (0.064 mi.)	F127	189
Database: VCP NYC, Date of Government Version: 08/20/2019				
97-11 SUTPHIN BOULEV	97-11 SUTPHIN BOULEV	SSW 0 - 1/8 (0.090 mi.)	L186	279
Database: VCP NYC, Date of Government Version: 08/20/2019				
93-43 SUTPHIN BLVD	93-43 SUTPHIN BLVD	WNW 0 - 1/8 (0.108 mi.)	T217	316
Database: VCP NYC, Date of Government Version: 08/20/2019				
97-18 SUTPHIN BLVD	97-18 SUTPHIN BLVD	SW 0 - 1/8 (0.111 mi.)	Q232	340
Database: VCP NYC, Date of Government Version: 08/20/2019				
145-07 95TH AVENUE	145-07 95TH AVENUE	W 1/8 - 1/4 (0.131 mi.)	AA268	403
Database: VCP NYC, Date of Government Version: 08/20/2019				
148-12 ARCHER AVENUE	148-22 ARCHER AVENUE	NNW 1/8 - 1/4 (0.132 mi.)	Y269	403
Database: VCP NYC, Date of Government Version: 08/20/2019				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA GAS & LIGHT Database: VCP, Date of Government Version: 08/12/2019 Site Code: 58323	BEAVER RD., & 158TH	NE 1/8 - 1/4 (0.148 mi.)	AC284	435
147-22 ARCHER AVENUE Database: VCP NYC, Date of Government Version: 08/20/2019	147-22 ARCHER AVENUE	NW 1/8 - 1/4 (0.152 mi.)	AD300	461
144-02 94TH AVENUE Database: VCP NYC, Date of Government Version: 08/20/2019	144-02 94TH AVENUE	W 1/8 - 1/4 (0.189 mi.)	AL345	567
90-11 160TH STREET & Database: VCP NYC, Date of Government Version: 08/20/2019	90-11 160TH STREET	NNE 1/4 - 1/2 (0.412 mi.)	AY442	771
144-15 LIBERTY AVENU Database: VCP NYC, Date of Government Version: 08/20/2019	144-15 LIBERTY AVENU	SSW 1/4 - 1/2 (0.444 mi.)	BB450	794
144-01 LIBERTY AVENU Database: VCP NYC, Date of Government Version: 08/20/2019	144-01 LIBERTY AVENU	SW 1/4 - 1/2 (0.451 mi.)	BB452	795
143-18 LIBERTY AVENU Database: VCP NYC, Date of Government Version: 08/20/2019	143-18 LIBERTY AVENU	SSW 1/4 - 1/2 (0.486 mi.)	BB457	802

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 5 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA 94TH AVENUE Site Code: 524733	147-20 94TH AVENUE	WNW 0 - 1/8 (0.068 mi.)	M143	214
147-25 94TH AVENUE Site Code: 565437	147-25 94TH AVENUE	NW 0 - 1/8 (0.072 mi.)	M148	224
K - JAMAICA GAS & LI Site Code: 58324	BEAVER RD., & 158TH	NE 1/8 - 1/4 (0.148 mi.)	AC286	438
FORMER QUEENS FAMILY Site Code: 360362	***89-14 PARSONS BLVD***	***NNE 1/4 - 1/2 (0.416 mi.)***	***443***	***771***

Lower Elevation	Address	Direction / Distance	Map ID	Page
K - JAMAICA HOLDER S Site Code: 57405	***158TH ST. & LIBERTY***	***ENE 1/8 - 1/4 (0.225 mi.)***	***AJ392***	***688***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 07/02/2019 has revealed that there are 7

NY SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA RECYCLING ME	147-20 LIBERTY AVENU	S 0 - 1/8 (0.112 mi.)	L237	351

Lower Elevation	Address	Direction / Distance	Map ID	Page
EWG GLASS RECOVERY A	94-54 158TH STREET	ENE 1/8 - 1/4 (0.177 mi.)	AJ331	544
T N T RECYCLING	154-20 SOUTH AVENUE	ESE 1/8 - 1/4 (0.226 mi.)	AQ395	693
T&T RECYCLING	154-20 SOUTH ROAD	ESE 1/8 - 1/4 (0.226 mi.)	AQ396	693
NATIONWIDE SCRAP	154-20 SOUTH ROAD	ESE 1/8 - 1/4 (0.226 mi.)	AQ397	694
NATIONWIDE RECYCLING	154-20 SOUTH ROAD	ESE 1/8 - 1/4 (0.226 mi.)	AQ398	695
BABYLON PAPER RECYCL	JAMAICA	ESE 1/8 - 1/4 (0.226 mi.)	AQ401	699

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 08/12/2019 has revealed that there are 44 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPILL NUMBER 9814213 Spill Number/Closed Date: 9814213 / 2003-07-07 Site ID: 258592 Spill Date: 1999-02-25	148TH ST & 95TH AV	WNW 0 - 1/8 (0.007 mi.)	A30	37
SPILL NUMBER 9914434 Spill Number/Closed Date: 9914434 / 2003-02-14 Site ID: 247558 Spill Date: 2000-03-22	95TH AVE & 148TH ST	WNW 0 - 1/8 (0.007 mi.)	A31	38
VAULT #6898 Spill Number/Closed Date: 9914065 / 2000-03-16 Spill Number/Closed Date: 0306405 / 2003-10-27 Site ID: 145781 Site ID: 258591 Spill Date: 2000-03-13 Spill Date: 2003-09-17	148TH ST & 95TH AV	WNW 0 - 1/8 (0.007 mi.)	A32	39
DRUM RUN Spill Number/Closed Date: 1502854 / 2015-06-19 Site ID: 509136 Spill Date: 2015-06-15	148-01 95TH AVE	NW 0 - 1/8 (0.014 mi.)	E47	55
SPILL NUMBER 9902985 Spill Number/Closed Date: 9902985 / 1999-06-30 Site ID: 193057 Spill Date: 1999-06-15	148TH ST BET 94TH &	NW 0 - 1/8 (0.030 mi.)	E71	82
BETWEEN 94TH & 95TH Spill Number/Closed Date: 0112226 / 2002-05-06 Site ID: 65609 Spill Date: 2002-03-28	148TH ST BET 94TH &	NW 0 - 1/8 (0.030 mi.)	E72	83
95-04 SUTPHIN BLV/QU	95-04 SUTPHIN BLVD	W 0 - 1/8 (0.058 mi.)	G109	169

Spill Number/Closed Date: 9100098 / 1995-05-25
Site ID: 114915
Spill Date: 1991-04-02

CONTEMP PROCESSING I	***94-01 150TH ST***	***NNE 0 - 1/8 (0.059 mi.)***	***I112***	***171***

Spill Number/Closed Date: 0007232 / 2009-05-01
Spill Number/Closed Date: 8701261 / 1987-05-14
Site ID: 84430
Site ID: 209443
Spill Date: 2000-09-20
Spill Date: 1987-05-14

97-13 147TH PL/QUEEN	97-13 147TH PLACE	SSW 0 - 1/8 (0.061 mi.)	D117	182

Spill Number/Closed Date: 8803968 / 1988-08-05
Site ID: 118690
Spill Date: 1988-08-05

148-23 94TH AVE	148-23 94TH AVE	NNW 0 - 1/8 (0.068 mi.)	N136	198

Spill Number/Closed Date: 9207624 / 1996-11-22
Site ID: 320200
Spill Date: 1992-09-17

95-35 SO. SUTPHIN BL	95-35 SO. SUTPHIN BL	SW 0 - 1/8 (0.086 mi.)	Q178	274

Spill Number/Closed Date: 9413558 / 1995-01-11
Site ID: 87095
Spill Date: 1995-01-11

95-39 SUTPHIN BLVD	95-39 SUTPHIN BLVD	SW 0 - 1/8 (0.088 mi.)	Q181	276

Spill Number/Closed Date: 9511485 / 1995-12-12
Site ID: 321362
Spill Date: 1995-12-11

HOWARD BEACH UNIT SU	157TH AV & 94TH ST	NE 0 - 1/8 (0.100 mi.)	S204	303

Spill Number/Closed Date: 0312933 / 2004-04-23
Site ID: 176414
Spill Date: 2004-02-23

BP JAMAICA	***97-44 SUTPHIN BOULEV***	***SSW 0 - 1/8 (0.111 mi.)***	***Q233***	***340***

Spill Number/Closed Date: 9408105 / 2009-09-16
Site ID: 212031
Spill Date: 1994-09-14

LIRR JOHNSON AVE YAR	94TH ST & SUTPHIN BL	W 0 - 1/8 (0.114 mi.)	T242	354

Spill Number/Closed Date: 0107538 / 2005-05-26
Site ID: 276186
Spill Date: 2001-10-23

Lower Elevation	Address	Direction / Distance	Map ID	Page
NOT FOUND	95TH AVE/149 ST	N 0 - 1/8 (0.006 mi.)	A28	36

Spill Number/Closed Date: 0603449 / 2006-08-28
Site ID: 366179
Spill Date: 2006-06-28

DRUM RUN	97TH AVE AND 148TH S	S 0 - 1/8 (0.013 mi.)	D46	53

Spill Number/Closed Date: 1507075 / 2015-10-16
Site ID: 514531
Spill Date: 2015-10-05

DENNIS PRINCE	14812 97TH AVE	SSE 0 - 1/8 (0.016 mi.)	D55	60

Spill Number/Closed Date: 1213219 / 2013-05-10

Site ID: 476398
Spill Date: 2012-12-10

HESS/MERIT STATION 3	***148-27 LIBERTY AVENU***	***SE 0 - 1/8 (0.034 mi.)***	***C76***	***120***
Spill Number/Closed Date: 9606415 / 2007-01-17 Site ID: 288182 Spill Date: 1996-08-19				
HESS STATION	148-27 LIBERTY AV	SE 0 - 1/8 (0.034 mi.)	C78	125
Spill Number/Closed Date: 0110825 / 2002-02-13 Site ID: 195421 Spill Date: 2002-02-12				
LUCKY AUTO BODY	148-21 LIBERTY AVE	SE 0 - 1/8 (0.040 mi.)	H91	132
Spill Number/Closed Date: 9907947 / 1999-09-30 Site ID: 73999 Spill Date: 1999-09-30				
550 UST	94-12 150TH STREET	NNE 0 - 1/8 (0.043 mi.)	F92	133
Spill Number/Closed Date: 1306143 / 2015-08-28 Site ID: 486736 Spill Date: 2013-09-11				
EAST COAST AUTO SALV	150-05 LIBERTY AVE	ESE 0 - 1/8 (0.046 mi.)	C102	157
Spill Number/Closed Date: 0006759 / 2006-03-06 Site ID: 161475 Spill Date: 2000-09-06				
REAR OF PROPERTY - D	150-24 BEAVER RD/TUC	NE 0 - 1/8 (0.056 mi.)	I105	159
Spill Number/Closed Date: 1505562 / 2015-08-27 Site ID: 512930 Spill Date: 2015-08-24				
DRUM RUN	150-24 BEAVER RD	NE 0 - 1/8 (0.056 mi.)	I107	167
Spill Number/Closed Date: 1602911 / 2016-07-15 Site ID: 529342 Spill Date: 2016-06-23				
BELL ATLANTIC	95-40 TUCKERTON ST	ENE 0 - 1/8 (0.071 mi.)	J147	221
Spill Number/Closed Date: 9706920 / 1997-12-31 Spill Number/Closed Date: 9900524 / 2000-05-02 Site ID: 326411 Site ID: 326412 Spill Date: 1997-09-10 Spill Date: 1999-04-14				
MAN HOLE # 3057	104-14 150TH ST	SE 0 - 1/8 (0.082 mi.)	K160	246
Spill Number/Closed Date: 0302515 / 2003-08-20 Site ID: 218625 Spill Date: 2003-06-09				
PHONE CO. GARAGE	9540 TUCKERTON ST	ENE 0 - 1/8 (0.083 mi.)	O163	250
Spill Number/Closed Date: 9601260 / 1996-04-24 Site ID: 76820 Spill Date: 1996-04-24				
DRUM RUN	95-40 TUCKERTON ST	ENE 0 - 1/8 (0.083 mi.)	O167	258
Spill Number/Closed Date: 1501322 / 2015-06-19 Site ID: 507520 Spill Date: 2015-05-06				
95-40 TUCKERTON STRE	***95-40 TUCKERTON STRE***	***ENE 0 - 1/8 (0.083 mi.)***	***O168***	***259***
Spill Number/Closed Date: 9713877 / 2003-04-22				

Site ID: 252643
Spill Date: 1998-03-16

CINELLY Spill Number/Closed Date: 9815500 / 2003-03-03 Site ID: 244208 Spill Date: 1999-03-30	150-11 GINSBERG RD	ESE 0 - 1/8 (0.083 mi.)	K169	261
SPILL NUMBER 0208998 Spill Number/Closed Date: 0208998 / 2002-12-27 Site ID: 192771 Spill Date: 2002-12-02	150TH ST/105TH AV	SE 0 - 1/8 (0.102 mi.)	K207	307
IFO JUNK YARD Spill Number/Closed Date: 0605736 / 2006-08-28 Site ID: 368961 Spill Date: 2006-08-17	95-41 TUCKERTON STRE	ENE 0 - 1/8 (0.108 mi.)	O212	310
COMMERCIAL LOT Spill Number/Closed Date: 1212351 / 2018-03-05 Site ID: 475498 Spill Date: 2012-11-14	95-65 TUCKERTON ST	E 0 - 1/8 (0.110 mi.)	U222	318
DRUM RUN Spill Number/Closed Date: 1012600 / 2011-04-05 Site ID: 446776 Spill Date: 2011-03-17	TUCKERTON STREET AND	NE 0 - 1/8 (0.111 mi.)	V224	326
DRUM RUN Spill Number/Closed Date: 1706620 / 2017-10-31 Site ID: 560942 Spill Date: 2017-10-06	157TH ST AND TUCKERT	NE 0 - 1/8 (0.111 mi.)	V225	327
AJ SCRAP METAL Spill Number/Closed Date: 0713517 / 2008-08-01 Site ID: 395282 Spill Date: 2008-03-13	9549 TUCKERTON STREE	ENE 0 - 1/8 (0.111 mi.)	O227	330
JUNKYARD Spill Number/Closed Date: 1213606 / 2012-12-20 Spill Number/Closed Date: 0906446 / 2009-09-14 Site ID: 476809 Site ID: 418781 Spill Date: 2012-12-17 Spill Date: 2009-09-03	95-49 TUCKERTON ST	ENE 0 - 1/8 (0.111 mi.)	O229	334
PAVEMENT / STREET Spill Number/Closed Date: 1800198 / 2018-04-09 Site ID: 568684 Spill Date: 2018-04-06	95-49 TUCKERTON ST	ENE 0 - 1/8 (0.111 mi.)	O230	338
NYNEX Spill Number/Closed Date: 9811495 / 2009-08-20 Site ID: 87167 Spill Date: 1998-12-12	95-40 157TH ST	ENE 0 - 1/8 (0.119 mi.)	O252	371
SERVICE BOX #38864 Spill Number/Closed Date: 9911146 / 2002-03-28 Site ID: 275725 Spill Date: 1999-12-21	IFO 155-11 LIBERTY A	E 0 - 1/8 (0.121 mi.)	U254	373
LIBERTY SCRAP INC Spill Number/Closed Date: 1609668 / Not Reported	155-11 LIBERTY AVE	E 0 - 1/8 (0.121 mi.)	U255	374

Spill Number/Closed Date: 1701220 / Not Reported
Site ID: 538465
Site ID: 548263
Spill Date: 2017-01-19
Spill Date: 2017-05-08

LSM AUTO PARTS — 155-11 LIBERTY AVE — E 0 - 1/8 (0.121 mi.) — U256 — 376
Spill Number/Closed Date: 1804173 / Not Reported
Site ID: 573837
Spill Date: 2018-07-18

IN ROAD — 155- 11 LIBERTY AVE — E 0 - 1/8 (0.121 mi.) — U258 — 378
Spill Number/Closed Date: 1801846 / Not Reported
Site ID: 570396
Spill Date: 2018-05-17

NY SPILLS 90: Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

A review of the NY SPILLS 90 list, as provided by EDR, and dated 12/14/2012 has revealed that there are 2 NY SPILLS 90 sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DENNIS PRINCE Status: ACTIVE Site Id: 1213219	14812 97TH AVE	SSE 0 - 1/8 (0.016 mi.)	D56	62
COMMERCIAL LOT Status: ACTIVE Site Id: 1212351	95-65 TUCKERTON ST	E 0 - 1/8 (0.098 mi.)	O202	302

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/24/2019 has revealed that there are 68 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANFORD EQUITIES EPA ID:: NYD986883569	***148-23 94TH AVE***	***NNW 0 - 1/8 (0.068 mi.)***	***N138***	***203***
JAMAICA 94TH AVENUE EPA ID:: NYR000227504	147-20 94TH AVE	WNW 0 - 1/8 (0.068 mi.)	M142	213
AUTOTECH AUTO BODY R EPA ID:: NY0000362483	***147-21 LIBERTY AVE***	***S 0 - 1/8 (0.072 mi.)***	***L149***	***227***
HWC DRY CLEANERS	***95-19 SUTPHIN BLVD***	***WSW 0 - 1/8 (0.084 mi.)***	***G173***	***264***

EPA ID:: NYR000059741				
CON EDISON SERVICE B EPA ID:: NYP004488144	***97-26 147TH PL***	***SSW 0 - 1/8 (0.092 mi.)***	***L191***	***288***
CON EDISON EPA ID:: NYP004399515	***147-05 94TH AVE***	***WNW 0 - 1/8 (0.108 mi.)***	***T215***	***314***
CON EDISON SERVICE B EPA ID:: NYP004450748	***94-12 SUTPHIN BLVD F***	***W 0 - 1/8 (0.114 mi.)***	***P245***	***359***
MTA LIRR - SUTPHIN B EPA ID:: NYR000207696	***SUTPHIN BLVD & 94TH***	***W 0 - 1/8 (0.115 mi.)***	***T246***	***361***
TRIBRO AUTO SERVICE EPA ID:: NYR000077818	***93-50 SUTPHIN BLVD***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T263***	***389***
TRI-US AUTO RADIATOR EPA ID:: NYR000094227	***97-20 SUTPHIN BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***Z267***	***399***
ALLIED MOTOR SALES I EPA ID:: NYD981489289	93-04 150TH ST	N 1/8 - 1/4 (0.134 mi.)	Y273	408
CON EDISON EPA ID:: NYP004822462	93-02 150TH ST	N 1/8 - 1/4 (0.135 mi.)	Y279	423
CON EDISON EPA ID:: NYP004745451	***144-99 95TH AVE***	***WSW 1/8 - 1/4 (0.148 mi.)***	***AA288***	***440***
CON EDISON EPA ID:: NYP004814717	150TH ST & ARCHER AV	N 1/8 - 1/4 (0.148 mi.)	Y290	443
CON EDISON SERVICE B EPA ID:: NYP004517819	***150TH ST & ARCHER AV***	***N 1/8 - 1/4 (0.148 mi.)***	***Y292***	***446***
CON EDISON EPA ID:: NYP004551107	144-06 94TH AVE	W 1/8 - 1/4 (0.158 mi.)	AA304	474
CON EDISON EPA ID:: NYP004815045	151-61 N ARCHER AVE	N 1/8 - 1/4 (0.161 mi.)	AE309	481
EBY ELECTRO INC EPA ID:: NYD001529247	***148-05 ARCHER AVE***	***NNW 1/8 - 1/4 (0.164 mi.)***	***AB316***	***501***
CON EDISON SERVICE B EPA ID:: NYP004487666	***92-12 150TH ST FRONT***	***N 1/8 - 1/4 (0.167 mi.)***	***Y320***	***512***
MOTOR TECH EPA ID:: NYU005000146	***147-23 ARCHER AVE***	***NW 1/8 - 1/4 (0.171 mi.)***	***AD321***	***513***
CON EDISON EPA ID:: NYP004776001	93-10 SUTPHIN BLVD	WNW 1/8 - 1/4 (0.172 mi.)	AI323	520
V-M AUTO COLLISION W EPA ID:: NYD981874456	***105-06 SUTPHIN BLVD***	***S 1/8 - 1/4 (0.183 mi.)***	***AF334***	***548***
CON EDISON SERVICE B EPA ID:: NYP004526745	***149-02 JAMAICA AVE***	***NNW 1/8 - 1/4 (0.188 mi.)***	***AK337***	***553***
E & M AUTO BODY EPA ID:: NYD982272593	***92-21 147TH PL***	***NW 1/8 - 1/4 (0.188 mi.)***	***AD338***	***554***
CON EDISON EPA ID:: NYP004828606	144-27 94TH AVE	W 1/8 - 1/4 (0.189 mi.)	AL343	565
CON EDISON EPA ID:: NYP004483442	ARCHER AVE & SUTPHIN	NW 1/8 - 1/4 (0.192 mi.)	AI351	578
CON EDISON	SUTPHIN BLVD & ARCHE	NW 1/8 - 1/4 (0.192 mi.)	AI352	579

EPA ID:: NYP004399523				
CON EDISON SERVICE B EPA ID:: NYP004569927	95TH AVE & LIVERPOOL	WSW 1/8 - 1/4 (0.193 mi.)	AN356	615
CON EDISON SERVICE B EPA ID:: NYP004526752	149TH ST & JAMAICA A	NNW 1/8 - 1/4 (0.199 mi.)	AK362	624
CON EDISON EPA ID:: NYP004399531	***SUTPHIN BLVD & 94TH***	***W 1/8 - 1/4 (0.202 mi.)***	***AL366***	***629***
CON EDISON EPA ID:: NYP004745642	94TH AVE & LIVERPOOL	W 1/8 - 1/4 (0.202 mi.)	AL367	630
CON EDISON EPA ID:: NYP004840290	149-23 JAMAICA AVE	N 1/8 - 1/4 (0.206 mi.)	AK369	632
CON EDISON EPA ID:: NYP004526729	***149-23 JAMAICA AVE***	***N 1/8 - 1/4 (0.206 mi.)***	***AK370***	***633***
CON EDISON SERVICE B EPA ID:: NYP004384731	***94-08 LIVERPOOL ST F***	***W 1/8 - 1/4 (0.207 mi.)***	***AL371***	***635***
CON EDISON SERVICE B EPA ID:: NYP004526737	***149-13 JAMAICA AVE F***	***NNW 1/8 - 1/4 (0.207 mi.)***	***AK373***	***638***
CON EDISON SERVICE B EPA ID:: NYP004396792	***146-17 ARCHER AVE FR***	***NW 1/8 - 1/4 (0.214 mi.)***	***AI375***	***644***
CON EDISON SERVICE B EPA ID:: NYP004485058	***147-20 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.219 mi.)***	***AP382***	***672***
CON EDISON EPA ID:: NYP004399507	***91-04 SUTPHIN BLVD***	***NW 1/8 - 1/4 (0.224 mi.)***	***AR388***	***682***
CON EDISON MANHOLE: EPA ID:: NYP004387254	***101ST AVE & LIVERPOO***	***SSW 1/8 - 1/4 (0.225 mi.)***	***AS391***	***685***
CON EDISON SERVICE B EPA ID:: NYP004522264	***152-27 JAMAICA AVE S***	***NNE 1/8 - 1/4 (0.226 mi.)***	***AO393***	***690***
CON EDISON SERVICE B EPA ID:: NYP004460754	***148-05 JAMAICA AVE F***	***NNW 1/8 - 1/4 (0.226 mi.)***	***AP399***	***696***
CON EDISON SERVICE B EPA ID:: NYP004389656	***143-22 94TH AVE FRON***	***W 1/8 - 1/4 (0.228 mi.)***	***AL406***	***705***
CON EDISON SERVICE B EPA ID:: NYP004460762	***147-10 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.229 mi.)***	***AP407***	***708***
CON EDISON SERVICE B EPA ID:: NYP004460770	***147-08 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.232 mi.)***	***AP408***	***710***
CON EDISON SERVICE B EPA ID:: NYP004385118	***143-41 101ST AVE FRO***	***SW 1/8 - 1/4 (0.237 mi.)***	***AS414***	***722***
CON EDISON EPA ID:: NYP004834418	153-05 JAMAICA AVE	NNE 1/8 - 1/4 (0.245 mi.)	AO421	736

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B EPA ID:: NYP004487658	***95-10 150TH ST FRONT***	***0 - 1/8 (0.000 mi.)***	***B12***	***26***
CON EDISON EPA ID:: NYP004778296	95-08 150TH ST	0 - 1/8 (0.000 mi.)	B15	29
CON EDISON SERVICE B	***95-34 150TH ST FRONT***	***E 0 - 1/8 (0.012 mi.)***	***B39***	***46***

EPA ID:: NYP004452074				
CON EDISON EPA ID:: NYP004778288	95-34 150TH ST	E 0 - 1/8 (0.012 mi.)	B41	49
CON EDISON EPA ID:: NYP004487641	95-24 150TH ST FRONT	ENE 0 - 1/8 (0.013 mi.)	B43	50
CON EDISON SERVICE B EPA ID:: NYP004381000	***97-08 150TH ST FRONT***	***ESE 0 - 1/8 (0.023 mi.)***	***C62***	***68***
MERIT LIBERTY EPA ID:: NYD982185431	***148 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C75***	***86***
GREEN ENERGY RECYCLI EPA ID:: NYR000177402	94-15 150TH ST	NNE 0 - 1/8 (0.044 mi.)	I93	134
GLOBE PLATING CO INC EPA ID:: NYD042039420	***148-19 LIBERTY AVE***	***SSE 0 - 1/8 (0.044 mi.)***	***H94***	***135***
CON EDISON MANHOLE: EPA ID:: NYP004539177	***LIBERTY AVE & 150TH***	***ESE 0 - 1/8 (0.045 mi.)***	***C100***	***152***
CON EDISON EPA ID:: NYP004486155	150-19 LIBERTY AVE F	E 0 - 1/8 (0.059 mi.)	J115	180
CON EDISON EPA ID:: NYP004817243	***104-03 150TH AVE***	***ESE 0 - 1/8 (0.062 mi.)***	***K120***	***185***
NEW YORK TELEPHONE C EPA ID:: NYD987030749	***95-40 TUCKERTON ST***	***ENE 0 - 1/8 (0.083 mi.)***	***O164***	***251***
CON EDISON EPA ID:: NYP004816995	104-15 148TH ST	SSE 0 - 1/8 (0.097 mi.)	R200	301
NYC DEP EPA ID:: NYP003663069	***95-41 TUCKERTON ST***	***ENE 0 - 1/8 (0.108 mi.)***	***O213***	***311***
GREENPEACE KLEEN INC EPA ID:: NYR000132944	157-12 BEAVER RD	NE 0 - 1/8 (0.125 mi.)	S261	380
SAFEGUARD LIBERTY LL EPA ID:: NYR000157859	***156-01 LIBERTY AVE***	***E 1/8 - 1/4 (0.151 mi.)***	***U296***	***453***
CON EDISON MANHOLE: EPA ID:: NYP004550307	***SUTPHIN BLVD & 105TH***	***S 1/8 - 1/4 (0.162 mi.)***	***AF310***	***482***
TUSCAN DAIRY GARAGE EPA ID:: NYD986948073	155-25 STYLER RD	ESE 1/8 - 1/4 (0.162 mi.)	AG312	485
CON EDISON EPA ID:: NYP004806675	***SOUTH RD & 155TH ST***	***ESE 1/8 - 1/4 (0.223 mi.)***	***AQ385***	***676***
CON EDISON EPA ID:: NYP004795910	150TH ST & SOUTH RD	SE 1/8 - 1/4 (0.227 mi.)	AT403	701
MIDLAND CARTING INC EPA ID:: NYR000198580	147-11 SOUTH RD	SSE 1/8 - 1/4 (0.235 mi.)	AT410	714

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 11/05/2018 has revealed that there is 1 NY DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HWC DRY/C&G CLEANERS	95-19 SUTPHIN BLVD.	WSW 0 - 1/8 (0.084 mi.)	G172	264

EXECUTIVE SUMMARY

Facility Id: 2-6307-01256

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

A review of the NY E DESIGNATION list, as provided by EDR, and dated 02/28/2019 has revealed that there are 101 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 11,TAXBLOCK 1002	95-11 148 STREET	0 - 1/8 (0.000 mi.)	A8	22
LOT 10,TAXBLOCK 1002	147-44 95 AVENUE	W 0 - 1/8 (0.012 mi.)	A36	43
LOT 42,TAXBLOCK 1000	148-07 95 AVENUE	NNW 0 - 1/8 (0.017 mi.)	E58	62
LOT 7,TAXBLOCK 10028	147-40 95 AVENUE	W 0 - 1/8 (0.019 mi.)	A61	67
LOT 4,TAXBLOCK 10028	147-36 95 AVENUE	W 0 - 1/8 (0.030 mi.)	E69	81
LOT 1,TAXBLOCK 10000	147-16 94 AVENUE	NW 0 - 1/8 (0.031 mi.)	E73	84
LOT 2,TAXBLOCK 10028	147-30 95 AVENUE	W 0 - 1/8 (0.037 mi.)	E83	128
LOT 34,TAXBLOCK 1002	95-19 147 PLACE	WSW 0 - 1/8 (0.038 mi.)	G84	129
LOT 32,TAXBLOCK 1002	95-23 147 PLACE	SW 0 - 1/8 (0.038 mi.)	D85	129
LOT 31,TAXBLOCK 1002	95-25 147 PLACE	SW 0 - 1/8 (0.039 mi.)	D87	130
LOT 5,TAXBLOCK 10000	148-12 95 AVENUE	NNW 0 - 1/8 (0.040 mi.)	E90	131
LOT 1,TAXBLOCK 10028	95-11 147 PLACE	W 0 - 1/8 (0.044 mi.)	G97	142
LOT 13,TAXBLOCK 1003	97-18 148 STREET	S 0 - 1/8 (0.049 mi.)	D103	158
LOT 15,TAXBLOCK 1003	148 STREET	S 0 - 1/8 (0.054 mi.)	D104	159
LOT 8,TAXBLOCK 10027	147-18 95 AVENUE	W 0 - 1/8 (0.059 mi.)	G110	170
LOT 43,TAXBLOCK 1009	94-01 150 STREET	NNE 0 - 1/8 (0.059 mi.)	I111	171
LOT 16,TAXBLOCK 9998	94 AVENUE	NW 0 - 1/8 (0.063 mi.)	E121	187
LOT 7,TAXBLOCK 10031	147-16 97 AVENUE	SSW 0 - 1/8 (0.063 mi.)	D124	188
LOT 11,TAXBLOCK 1002	95-10 147 PLACE	WSW 0 - 1/8 (0.064 mi.)	G125	188
LOT 10,TAXBLOCK 1002	95-08 147 PLACE	WSW 0 - 1/8 (0.064 mi.)	G126	189
LOT 18,TAXBLOCK 1003	147-25 LIBERTY AVENU	S 0 - 1/8 (0.066 mi.)	L131	196
LOT 22,TAXBLOCK 9998	94 AVENUE	NW 0 - 1/8 (0.066 mi.)	M132	196
LOT 1,TAXBLOCK 9998	94 AVENUE	N 0 - 1/8 (0.066 mi.)	I133	197
LOT 19,TAXBLOCK 9998	147-43 94 AVENUE	NW 0 - 1/8 (0.068 mi.)	M134	197
LOT 2,TAXBLOCK 9998	148-23 94 AVENUE	NNW 0 - 1/8 (0.068 mi.)	N135	198
LOT 5,TAXBLOCK 10027	147-12 95 AVENUE	W 0 - 1/8 (0.068 mi.)	G139	205
LOT 9,TAXBLOCK 9999	147-20 94 AVENUE	WNW 0 - 1/8 (0.068 mi.)	M144	217
LOT 3,TAXBLOCK 10027	95 AVENUE	W 0 - 1/8 (0.079 mi.)	P158	243
LOT 22,TAXBLOCK 1003	147-17 LIBERTY AVENU	S 0 - 1/8 (0.083 mi.)	L170	262
LOT 36,TAXBLOCK 1002	95-07 SUTPHIN BOULEV	WSW 0 - 1/8 (0.084 mi.)	G175	271
LOT 25,TAXBLOCK 9998	147-07 94 AVENUE	WNW 0 - 1/8 (0.084 mi.)	M176	271
LOT 12,TAXBLOCK 1003	97-15 SUTPHIN BOULEV	SSW 0 - 1/8 (0.087 mi.)	L179	275
LOT 2,TAXBLOCK 10031	97-01 SUTPHIN BOULEV	SW 0 - 1/8 (0.089 mi.)	Q182	277
LOT 10,TAXBLOCK 1003	97-11 SUTPHIN BOULEV	SSW 0 - 1/8 (0.090 mi.)	L185	279
LOT 1,TAXBLOCK 9999	94-01 SUTPHIN BOULEV	W 0 - 1/8 (0.091 mi.)	P188	281
LOT 17,TAXBLOCK 1003	97-31 147 PLACE	SSW 0 - 1/8 (0.098 mi.)	L201	302
LOT 42,TAXBLOCK 9998	147-05 94 AVENUE	WNW 0 - 1/8 (0.108 mi.)	T216	316
LOT 43,TAXBLOCK 9998	93-43 SUTPHIN BOULEV	WNW 0 - 1/8 (0.108 mi.)	T218	316
LOT 14,TAXBLOCK 1002	95-26 SUTPHIN BOULEV	WSW 0 - 1/8 (0.109 mi.)	P219	317
LOT 12,TAXBLOCK 1002	95-14 SUTPHIN BOULEV	WSW 0 - 1/8 (0.109 mi.)	P220	317
LOT 27,TAXBLOCK 9993	94-20 SUTPHIN BOULEV	W 0 - 1/8 (0.110 mi.)	P221	318
LOT 23,TAXBLOCK 1002	95-38 SUTPHIN BOULEV	SW 0 - 1/8 (0.110 mi.)	Q223	326
LOT 25,TAXBLOCK 9993	94-18 SUTPHIN BOULEV	W 0 - 1/8 (0.111 mi.)	P231	339
LOT 24,TAXBLOCK 9993	94-16 SUTPHIN BOULEV	W 0 - 1/8 (0.112 mi.)	P236	351
LOT 6,TAXBLOCK 10026	95-02 SUTPHIN BOULEV	WSW 0 - 1/8 (0.112 mi.)	P239	353
LOT 47,TAXBLOCK 9998	93-45 SUTPHIN BOULEV	WNW 0 - 1/8 (0.113 mi.)	T240	353

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 23,TAXBLOCK 9993	94-14 SUTPHIN BOULEV	W 0 - 1/8 (0.113 mi.)	P241	354
LOT 22,TAXBLOCK 9993	94-12 SUTPHIN BOULEV	W 0 - 1/8 (0.114 mi.)	P244	358
LOT 20,TAXBLOCK 9993	94-06 SUTPHIN BOULEV	W 0 - 1/8 (0.117 mi.)	P250	369
LOT 18,TAXBLOCK 9993	94-02 SUTPHIN BOULEV	W 0 - 1/8 (0.124 mi.)	T259	379
LOT 127,TAXBLOCK 999	93-08 150 STREET	N 0 - 1/8 (0.125 mi.)	Y260	379

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 13,TAXBLOCK 1000	95-12 150 STREET	0 - 1/8 (0.000 mi.)	B5	16
LOT 10,TAXBLOCK 1000	95-08 150 STREET	0 - 1/8 (0.000 mi.)	B9	23
LOT 1,TAXBLOCK 10002	95-25 149 STREET	0 - 1/8 (0.000 mi.)	A13	27
LOT 25,TAXBLOCK 1000	95-37 148 STREET	0 - 1/8 (0.001 mi.)	A17	31
LOT 124,TAXBLOCK 100	95-39 148 STREET	0 - 1/8 (0.001 mi.)	A18	32
LOT 40,TAXBLOCK 1000	95-33 148 STREET	0 - 1/8 (0.001 mi.)	A19	32
LOT 41,TAXBLOCK 1000	95-31 148 STREET	0 - 1/8 (0.001 mi.)	A20	33
LOT 26,TAXBLOCK 1000	95-35 148 STREET	0 - 1/8 (0.001 mi.)	A21	33
LOT 19,TAXBLOCK 1000	95-34 149 STREET	SE 0 - 1/8 (0.002 mi.)	A22	33
LOT 29,TAXBLOCK 1000	95-25 148 STREET	SSW 0 - 1/8 (0.002 mi.)	A23	34
LOT 27,TAXBLOCK 1000	95-29 148 STREET	S 0 - 1/8 (0.002 mi.)	A24	34
LOT 15,TAXBLOCK 1000	95-20 150 STREET	ENE 0 - 1/8 (0.004 mi.)	B25	35
LOT 24,TAXBLOCK 1000	95-41 148 STREET	S 0 - 1/8 (0.004 mi.)	A26	35
LOT 5,TAXBLOCK 10002	95-02 150 STREET	NE 0 - 1/8 (0.005 mi.)	B27	35
LOT 28,TAXBLOCK 1000	95-27 148 STREET	SSW 0 - 1/8 (0.006 mi.)	A29	37
LOT 25,TAXBLOCK 1000	95-40 150 STREET	E 0 - 1/8 (0.008 mi.)	C33	42
LOT 24,TAXBLOCK 1000	95-38 150 STREET	E 0 - 1/8 (0.008 mi.)	B34	42
LOT 23,TAXBLOCK 1000	95-36 150 STREET	E 0 - 1/8 (0.011 mi.)	B35	43
LOT 122,TAXBLOCK 100	95-34 150 STREET	E 0 - 1/8 (0.012 mi.)	B38	45
LOT 22,TAXBLOCK 1000	95-32 150 STREET	E 0 - 1/8 (0.013 mi.)	B42	50
LOT 17,TAXBLOCK 1000	95-24 150 STREET	ENE 0 - 1/8 (0.013 mi.)	B44	51
LOT 21,TAXBLOCK 1000	95-30 150 STREET	E 0 - 1/8 (0.014 mi.)	B48	56
LOT 39,TAXBLOCK 1000	95 AVENUE	NNW 0 - 1/8 (0.015 mi.)	A49	56
LOT 20,TAXBLOCK 1000	95-28 150 STREET	E 0 - 1/8 (0.015 mi.)	B50	56
LOT 38,TAXBLOCK 1000	95 AVENUE	N 0 - 1/8 (0.016 mi.)	E52	59
LOT 14,TAXBLOCK 1003	149-06 97 AVENUE	ESE 0 - 1/8 (0.016 mi.)	C53	59
LOT 13,TAXBLOCK 1003	149-04 97 AVENUE	SE 0 - 1/8 (0.016 mi.)	C54	60
LOT 31,TAXBLOCK 1000	149-01 95 AVENUE	N 0 - 1/8 (0.017 mi.)	F57	62
LOT 8,TAXBLOCK 10033	148-16 97 AVENUE	SE 0 - 1/8 (0.018 mi.)	C59	63
LOT 77,TAXBLOCK 1010	150 STREET	ENE 0 - 1/8 (0.025 mi.)	B63	70
LOT 82,TAXBLOCK 1010	150-10 BEAVER ROAD	ENE 0 - 1/8 (0.030 mi.)	B70	82
LOT 84,TAXBLOCK 1010	150-14 BEAVER ROAD	ENE 0 - 1/8 (0.034 mi.)	B79	126
LOT 71,TAXBLOCK 1010	95-35 150 STREET	E 0 - 1/8 (0.035 mi.)	C81	128
LOT 73,TAXBLOCK 1010	95-33 150 STREET	E 0 - 1/8 (0.037 mi.)	B82	128
LOT 167,TAXBLOCK 101	150 STREET	ENE 0 - 1/8 (0.039 mi.)	B88	130
LOT 86,TAXBLOCK 1010	150-20 BEAVER ROAD	NE 0 - 1/8 (0.040 mi.)	B89	131
LOT 32,TAXBLOCK 1009	150-05 94 AVENUE	NE 0 - 1/8 (0.074 mi.)	I150	231
LOT 130,TAXBLOCK 101	TUCKERTON STREET	ENE 0 - 1/8 (0.075 mi.)	O151	231
LOT 142,TAXBLOCK 101	150-35 LIBERTY AVENU	E 0 - 1/8 (0.078 mi.)	J156	240
LOT 138,TAXBLOCK 101	TUCKERTON STREET	E 0 - 1/8 (0.082 mi.)	J161	247
LOT 32,TAXBLOCK 1006	104-18 150 STREET	SE 0 - 1/8 (0.090 mi.)	K183	278
LOT 107,TAXBLOCK 101	TUCKERTON STREET	NE 0 - 1/8 (0.090 mi.)	O184	278
LOT 33,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.093 mi.)	K195	296
LOT 34,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.097 mi.)	K197	298
LOT 319,TAXBLOCK 101	TUCKERTON STREET	E 0 - 1/8 (0.103 mi.)	O209	309
LOT 35,TAXBLOCK 1006	105 AVENUE	SE 0 - 1/8 (0.104 mi.)	R210	310
LOT 36,TAXBLOCK 1006	105 AVENUE	SE 0 - 1/8 (0.105 mi.)	R211	310
LOT 22,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.112 mi.)	W238	352

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 23,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.120 mi.)	W253	372
LOT 314,TAXBLOCK 101	155-11 LIBERTY AVENU	E 0 - 1/8 (0.121 mi.)	U257	377

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

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 92 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED EDISON EPA ID: NYP004216577	94TH AVENUE & 150TH	NNE 0 - 1/8 (0.063 mi.)	I122	187
JAMAICA 94TH AVENUE EPA ID: NYR000227504	147-20 94TH AVE	WNW 0 - 1/8 (0.068 mi.)	M141	211
AUTOTECH AUTO BODY R EPA ID: NY0000362483	***147-21 LIBERTY AVE***	***S 0 - 1/8 (0.072 mi.)***	***L149***	***227***
HWC DRY CLEANERS EPA ID: NYR000059741	***95-19 SUTPHIN BLVD***	***WSW 0 - 1/8 (0.084 mi.)***	***G173***	***264***
CON EDISON EPA ID: NYP004488144	97-26 147TH PL	SSW 0 - 1/8 (0.092 mi.)	L192	289
CON EDISON EPA ID: NYP004581880	FO 151-03 94 AVE	NNE 0 - 1/8 (0.095 mi.)	S196	296
CON EDISON EPA ID: NYP004708426	SUTPHON BLVD & 97 AV	SW 0 - 1/8 (0.103 mi.)	Q208	308
CON EDISON EPA ID: NYP004399515	147-05 94TH AVE	WNW 0 - 1/8 (0.108 mi.)	T214	313
CON EDISON SERVICE B EPA ID: NYP004450748	***94-12 SUTPHIN BLVD F***	***W 0 - 1/8 (0.114 mi.)***	***P245***	***359***
MTA LIRR - SUTPHIN B EPA ID: NYR000207696	***SUTPHIN BLVD & 94TH***	***W 0 - 1/8 (0.115 mi.)***	***T246***	***361***
CON EDISON EPA ID: NYP004399531	SUTPHIN BLVD & 94TH	W 0 - 1/8 (0.115 mi.)	T248	366
TRIBRO AUTO SERVICE EPA ID: NYR000077818	***93-50 SUTPHIN BLVD***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T263***	***389***
AIR TRAIN STATION - EPA ID: NYR000165787	***93-40 SUTPHINE BLVD***	***WNW 1/8 - 1/4 (0.130 mi.)***	***T266***	***397***
TRI-US AUTO RADIATOR EPA ID: NYR000094227	***97-20 SUTPHIN BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***Z267***	***399***
CON EDISON EPA ID: NYP004400503	148-22 ARCHER AVE	NNW 1/8 - 1/4 (0.132 mi.)	Y270	403
CON EDISON EPA ID: NYP004822462	93-02 150TH ST	N 1/8 - 1/4 (0.135 mi.)	Y278	422
CON EDISON EPA ID: NYP004745451	144-99 95TH AVE	WSW 1/8 - 1/4 (0.148 mi.)	AA289	441
CON EDISON	150TH ST & ARCHER AV	N 1/8 - 1/4 (0.148 mi.)	Y291	443

EPA ID: NYP004814717 EPA ID: NYP004517819				
CON EDISON EPA ID: NYP004399556	147-28 ARCHER AVE	NW 1/8 - 1/4 (0.150 mi.)	AB295	451
THE CROSSING AT JAMA EPA ID: NYR000230482	147-22 ARCHER AVE	NW 1/8 - 1/4 (0.152 mi.)	AD298	458
LIRR BRIDGE 06-0-095 EPA ID: NYR000014084	***ABOVE 150TH ST BETWE***	***N 1/8 - 1/4 (0.153 mi.)***	***Y302***	***469***
CON EDISON EPA ID: NYP004551107	144-06 94TH AVE	W 1/8 - 1/4 (0.158 mi.)	AA303	473
CON EDISON EPA ID: NYP004396784	147-12 ARCHER AVE &	NW 1/8 - 1/4 (0.161 mi.)	AD306	477
CON EDISON EPA ID: NYP004815045	151-61 N ARCHER AVE	N 1/8 - 1/4 (0.161 mi.)	AE307	478
EBY ELECTRO INC EPA ID: NYD001529247	***148-05 ARCHER AVE***	***NNW 1/8 - 1/4 (0.164 mi.)***	***AB316***	***501***
CON EDISON EPA ID: NYP004487666	92-12 150TH ST FRONT	N 1/8 - 1/4 (0.167 mi.)	Y319	511
CON EDISON EPA ID: NYP004776001	93-10 SUTPHIN BLVD	WNW 1/8 - 1/4 (0.172 mi.)	AI325	522
LIRR JAMAICA STATION EPA ID: NYR000104992	***9302 SUTPHIN BOULEVA***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI327***	***533***
V-M AUTO COLLISION W EPA ID: NYD981874456	***105-06 SUTPHIN BLVD***	***S 1/8 - 1/4 (0.183 mi.)***	***AF334***	***548***
CON EDISON EPA ID: NYP004526745	149-02 JAMAICA AVE	NNW 1/8 - 1/4 (0.188 mi.)	AK336	552
E & M AUTO BODY EPA ID: NYD982272593	***92-21 147TH PL***	***NW 1/8 - 1/4 (0.188 mi.)***	***AD338***	***554***
CON EDISON EPA ID: NYP004700019	92-19 147 PL	NW 1/8 - 1/4 (0.189 mi.)	AD339	558
CON ED EPA ID: NYP004828606	144-27 94TH AVE	W 1/8 - 1/4 (0.189 mi.)	AL340	559
CON EDISON - SERVICE EPA ID: NYP004400495	***153 ST AND ARCHER AV***	***NNE 1/8 - 1/4 (0.190 mi.)***	***347***	***569***
MTA NYCT - SUTPHIN B EPA ID: NYR000022756	***SUTPHIN BLVD & ARCHE***	***NW 1/8 - 1/4 (0.192 mi.)***	***AI348***	***572***
CON EDISON EPA ID: NYP004483442	ARCHER AVE & SUTPHIN	NW 1/8 - 1/4 (0.192 mi.)	AI349	575
CON EDISON EPA ID: NYP004399523	SUTPHIN BLVD & ARCHE	NW 1/8 - 1/4 (0.192 mi.)	AI350	577
NEW YORK CITY POLICE EPA ID: NYR000086314	***150-14 JAMAICA AVE***	***N 1/8 - 1/4 (0.192 mi.)***	***AM353***	***580***
CON EDISON EPA ID: NYP004569927	95TH AVE & LIVERPOOL	WSW 1/8 - 1/4 (0.193 mi.)	AN355	613
CON ED EPA ID: NYP004854093	90-79 SUTPHIN BLVD	NW 1/8 - 1/4 (0.196 mi.)	AD358	618
CON EDISON	90-83 SUTPHIN BLVD	NW 1/8 - 1/4 (0.198 mi.)	AI361	622

EPA ID: NYP004400511				
CON EDISON EPA ID: NYP004526752	149TH ST & JAMAICA A	NNW 1/8 - 1/4 (0.199 mi.)	AK363	625
CON EDISON EPA ID: NYP004745642	94TH AVE & LIVERPOOL	W 1/8 - 1/4 (0.202 mi.)	AL364	626
CON EDISON EPA ID: NYP004526729	149-23 JAMAICA AVE F	N 1/8 - 1/4 (0.206 mi.)	AK368	631
CON EDISON SERVICE B EPA ID: NYP004384731	***94-08 LIVERPOOL ST F***	***W 1/8 - 1/4 (0.207 mi.)***	***AL371***	***635***
CON EDISON EPA ID: NYP004526737	149-13 JAMAICA AVE F	NNW 1/8 - 1/4 (0.207 mi.)	AK372	637
CON EDISON SERVICE B EPA ID: NYP004396792	***146-17 ARCHER AVE FR***	***NW 1/8 - 1/4 (0.214 mi.)***	***AI375***	***644***
CON EDISON - MANHOLE EPA ID: NYP004955751	149-01 JAMAICA AVE	NNW 1/8 - 1/4 (0.216 mi.)	AK376	646
CON EDISON EPA ID: NYP004485058	147-20 JAMAICA AVE F	NW 1/8 - 1/4 (0.219 mi.)	AP383	673
CON ED EPA ID: NYP004853780	147-20 JAMAICA AVE	NW 1/8 - 1/4 (0.219 mi.)	AP384	674
CON EDISON EPA ID: NYP004399507	91-04 SUTPHIN BLVD	NW 1/8 - 1/4 (0.224 mi.)	AR389	683
CON EDISON - MANHOLE EPA ID: NYP004981062	147 ST & JAMAICA AVE	NW 1/8 - 1/4 (0.225 mi.)	AP390	685
CON EDISON MANHOLE: EPA ID: NYP004387254	***101ST AVE & LIVERPOO***	***SSW 1/8 - 1/4 (0.225 mi.)***	***AS391***	***685***
CON EDISON EPA ID: NYP004522264	152-27 JAMAICA AVE S	NNE 1/8 - 1/4 (0.226 mi.)	AO394	691
CON EDISON SERVICE B EPA ID: NYP004460754	***148-05 JAMAICA AVE F***	***NNW 1/8 - 1/4 (0.226 mi.)***	***AP399***	***696***
CON EDISON SERVICE B EPA ID: NYP004389656	***143-22 94TH AVE FRON***	***W 1/8 - 1/4 (0.228 mi.)***	***AL406***	***705***
CON EDISON SERVICE B EPA ID: NYP004460762	***147-10 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.229 mi.)***	***AP407***	***708***
CON EDISON SERVICE B EPA ID: NYP004460770	***147-08 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.232 mi.)***	***AP408***	***710***
CON EDISON EPA ID: NYP004332409	JAMAICA AVE & 153RD	NNE 1/8 - 1/4 (0.235 mi.)	AO409	712
CON EDISON SERVICE B EPA ID: NYP004385118	***143-41 101ST AVE FRO***	***SW 1/8 - 1/4 (0.237 mi.)***	***AS414***	***722***
CON ED EPA ID: NYP004834418	153-05 JAMAICA AVE	NNE 1/8 - 1/4 (0.245 mi.)	AO420	734
NYC DEPT OF EDUCATIO EPA ID: NYR000011221	***90-36 150TH ST***	***N 1/8 - 1/4 (0.247 mi.)***	***AW424***	***742***
MTA LIRR ARCHER AVEN EPA ID: NYR000213447	144-15 ARCHER AVE	WNW 1/8 - 1/4 (0.249 mi.)	AU426	748
CON EDISON	OPP 144-15 ARCHER AV	WNW 1/8 - 1/4 (0.249 mi.)	AU427	749

EPA ID: NYP004592234

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004778296	95-08 150TH ST	0 - 1/8 (0.000 mi.)	B10	23
CON EDISON EPA ID: NYP004487658	95-10 150TH ST FRONT	0 - 1/8 (0.000 mi.)	B14	27
ABBOTT INDUSTRIES EPA ID: NYD002031870	95-25 149 STREET	0 - 1/8 (0.000 mi.)	A16	30
CON EDISON EPA ID: NYP004778288	95-34 150TH ST	E 0 - 1/8 (0.012 mi.)	B37	44
CON EDISON SERVICE B EPA ID: NYP004452074	***95-34 150TH ST FRONT***	***E 0 - 1/8 (0.012 mi.)***	***B39***	***46***
CON EDISON EPA ID: NYP004487641	95-24 150TH ST FRONT	ENE 0 - 1/8 (0.013 mi.)	B45	52
CON EDISON SERVICE B EPA ID: NYP004381000	***97-08 150TH ST FRONT***	***ESE 0 - 1/8 (0.023 mi.)***	***C62***	***68***
QUEENS INDUSTRIAL EL EPA ID: NYD012420261	***94-12 150TH ST***	***NNE 0 - 1/8 (0.029 mi.)***	***B68***	***77***
CON EDISON EPA ID: NYP004401519	F/O 148-95 LIBERTY A	ESE 0 - 1/8 (0.032 mi.)	C74	85
MERIT LIBERTY EPA ID: NYD982185431	***148 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C75***	***86***
GLOBE PLATING CO INC EPA ID: NYD042039420	***148-19 LIBERTY AVE***	***SSE 0 - 1/8 (0.044 mi.)***	***H94***	***135***
CON EDISON EPA ID: NYP004486155	150-19 LIBERTY AVE F	E 0 - 1/8 (0.059 mi.)	J113	178
CON ED EPA ID: NYP004817243	104-03 150TH AVE	ESE 0 - 1/8 (0.062 mi.)	K118	183
NYNEX EPA ID: NYP000917526	148TH ST /LIBERTY AV	SSE 0 - 1/8 (0.076 mi.)	L154	236
NEW YORK TELEPHONE C EPA ID: NYD987030749	***95-40 TUCKERTON ST***	***ENE 0 - 1/8 (0.083 mi.)***	***O164***	***251***
CON ED EPA ID: NYP004816995	104-15 148TH ST	SSE 0 - 1/8 (0.097 mi.)	R198	298
NYNEX EPA ID: NYP000916361	LIBERTY AVE & TUCKER	E 0 - 1/8 (0.101 mi.)	J205	304
NYC DEP EPA ID: NYP003663069	***95-41 TUCKERTON ST***	***ENE 0 - 1/8 (0.108 mi.)***	***O213***	***311***
CON ED EPA ID: NYP004854820	104-04 148TH ST	SSE 0 - 1/8 (0.117 mi.)	R251	370
SAFEGUARD LIBERTY LL EPA ID: NYR000157859	***156-01 LIBERTY AVE***	***E 1/8 - 1/4 (0.151 mi.)***	***U296***	***453***
CON EDISON EPA ID: NYP004550307	SUTPHIN BLVD & 105TH	S 1/8 - 1/4 (0.162 mi.)	AF311	483
CON EDISON	STYLER RD & TUCKERTO	SE 1/8 - 1/4 (0.177 mi.)	330	543

EPA ID: NYP004631776				
CON EDISON EPA ID: NYP004384111	106-04 150 ST	SE 1/8 - 1/4 (0.181 mi.)	AH332	545
CON EDISON EPA ID: NYP004685863	105-24 156 ST FRNT	ESE 1/8 - 1/4 (0.190 mi.)	AG346	568
DEPARTMENT OF HOMELA EPA ID: NYR000103002	158-15 LIBERTY AVE	ENE 1/8 - 1/4 (0.218 mi.)	AJ379	651
FDA - QUEENS EPA ID: NYR000085233	***158-15 LIBERTY AVENU***	***ENE 1/8 - 1/4 (0.218 mi.)***	***AJ380***	***652***
CON EDISON EPA ID: NYP004795910	150TH ST & SOUTH RD	SE 1/8 - 1/4 (0.227 mi.)	AT404	702
CON ED EPA ID: NYP004853988	147-29 SOUTH ROAD	SSE 1/8 - 1/4 (0.236 mi.)	AT412	718

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 22 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MTA LIRR - SUTPHIN B EPA Id: NYR000207696	SUTPHIN BLVD & 94TH	W 0 - 1/8 (0.115 mi.)	T247	364
CON EDISON EPA Id: NYP004822462	93-02 150TH ST	N 1/8 - 1/4 (0.135 mi.)	Y277	421
CON EDISON EPA Id: NYP004745451	144-99 95TH AVE	WSW 1/8 - 1/4 (0.148 mi.)	AA287	439
CON EDISON EPA Id: NYP004814717	150TH ST & ARCHER AV	N 1/8 - 1/4 (0.148 mi.)	Y293	448
CON EDISON EPA Id: NYP004815045	151-61 N ARCHER AVE	N 1/8 - 1/4 (0.161 mi.)	AE308	480
CON EDISON EPA Id: NYP004776001	93-10 SUTPHIN BLVD	WNW 1/8 - 1/4 (0.172 mi.)	AI324	521
LIRR JAMAICA STATION EPA Id: NYR000104992	***9302 SUTPHIN BOULEVA***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI327***	***533***
CON EDISON EPA Id: NYP004828606	144-27 94TH AVE	W 1/8 - 1/4 (0.189 mi.)	AL341	561
NEW YORK CITY POLICE EPA Id: NYR000086314	***150-14 JAMAICA AVE***	***N 1/8 - 1/4 (0.192 mi.)***	***AM353***	***580***
CON EDISON - SERVICE EPA Id: NYP004854093	90-79 SUTPHIN BLVD	NW 1/8 - 1/4 (0.196 mi.)	AD359	619
CON EDISON EPA Id: NYP004745642	94TH AVE & LIVERPOOL	W 1/8 - 1/4 (0.202 mi.)	AL365	628
CON EDISON SERVICE B EPA Id: NYP004460754	148-05 JAMAICA AVE F	NNW 1/8 - 1/4 (0.226 mi.)	AP400	698
CON EDISON EPA Id: NYP004834418	153-05 JAMAICA AVE	NNE 1/8 - 1/4 (0.245 mi.)	AO419	733
MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	WNW 1/8 - 1/4 (0.249 mi.)	AU428	751

EPA Id: NYR000213447

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA Id: NYP004778296	95-08 150TH ST	0 - 1/8 (0.000 mi.)	B11	25
CON EDISON EPA Id: NYP004778288	95-34 150TH ST	E 0 - 1/8 (0.012 mi.)	B40	48
QUEENS INDUSTRIAL EL EPA Id: NYD012420261	94-12 150TH STREET	NNE 0 - 1/8 (0.029 mi.)	B67	74
CON EDISON EPA Id: NYP004817243	104-03 150TH AVE	ESE 0 - 1/8 (0.062 mi.)	K119	184
CON EDISON EPA Id: NYP004816995	104-15 148TH ST	SSE 0 - 1/8 (0.097 mi.)	R199	300
FDA - QUEENS EPA Id: NYR000085233	158-15 LIBERTY AVE	ENE 1/8 - 1/4 (0.218 mi.)	AJ377	647
CON EDISON EPA Id: NYP004806675	SOUTH RD & 155TH ST	ESE 1/8 - 1/4 (0.223 mi.)	AQ386	677
CON EDISON EPA Id: NYP004795910	150TH ST & SOUTH RD	SE 1/8 - 1/4 (0.227 mi.)	AT402	700

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CJ PLAZA ONE LLC Generator EPA Id: NYR000230482	147-22 ARCHER AVE	NW 1/8 - 1/4 (0.152 mi.)	AD299	460

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABBOTT INDUSTRIES IN Generator EPA Id: NYD002031870	9525 149TH ST	0 - 1/8 (0.000 mi.)	A4	12

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within

approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA GAS AND LIGH	BEAVER RD., AND 158T	NE 1/8 - 1/4 (0.175 mi.)	AC329	542

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIBERTY SUTPHIN SERV	97-44 SUTPHIN AVE	SSW 0 - 1/8 (0.111 mi.)	Q235	350

Lower Elevation	Address	Direction / Distance	Map ID	Page
MC MANUS BROS SERVIC	150-05 LIBERTY AVE	ESE 0 - 1/8 (0.039 mi.)	C86	130
JAMAICA RADIATOR	15019 LIBERTY AVE	E 0 - 1/8 (0.059 mi.)	J114	179
WELBUILT TRANSMISSIO	150-14 LIBERTY AVE	ESE 0 - 1/8 (0.070 mi.)	J146	220

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

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

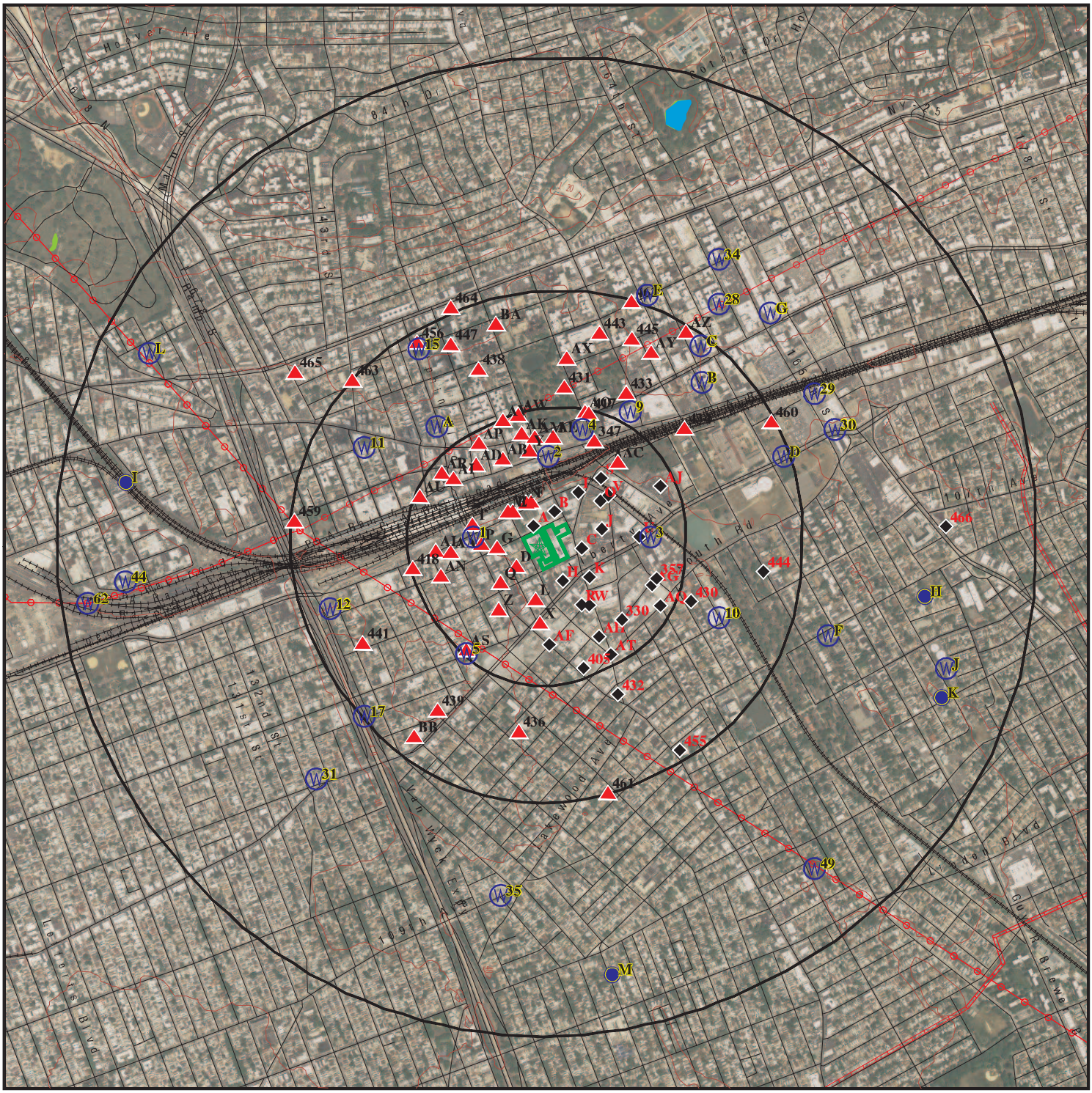
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURRELL CLEANERS	9519 SUTPHIN BLV	WSW 0 - 1/8 (0.084 mi.)	G174	270

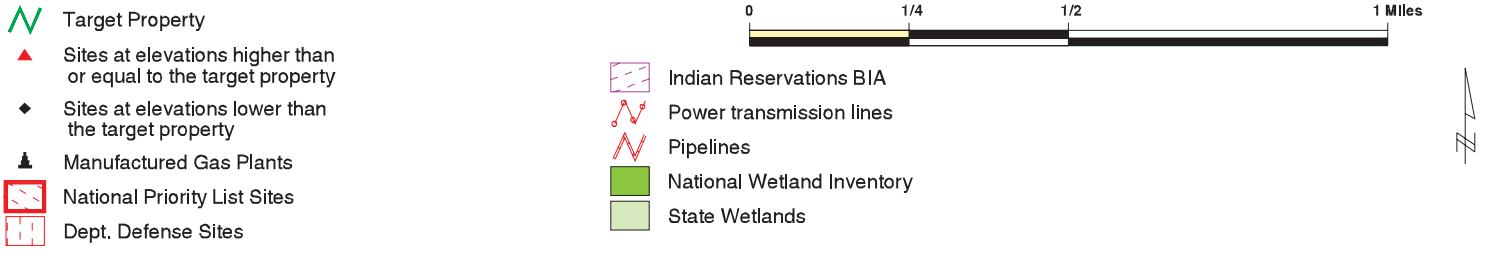
EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
CEDAR MANOR A08 (LIRR)	NY SHWS, NY VCP
JAMAICA HOLDER STATION	NY VCP

OVERVIEW MAP - 5857935.2S





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

SITE NAME:	95-04 149th Street, Queens, NY 11435	CLIENT:	PVE, LLC.
ADDRESS:	95-04 149th Street Jamaica NY 11435	CONTACT:	Tara Alvarado
LAT/LONG:	40.698633 / 73.804112	INQUIRY #:	5857935.2s
		DATE:	November 05, 2019 4:15 pm

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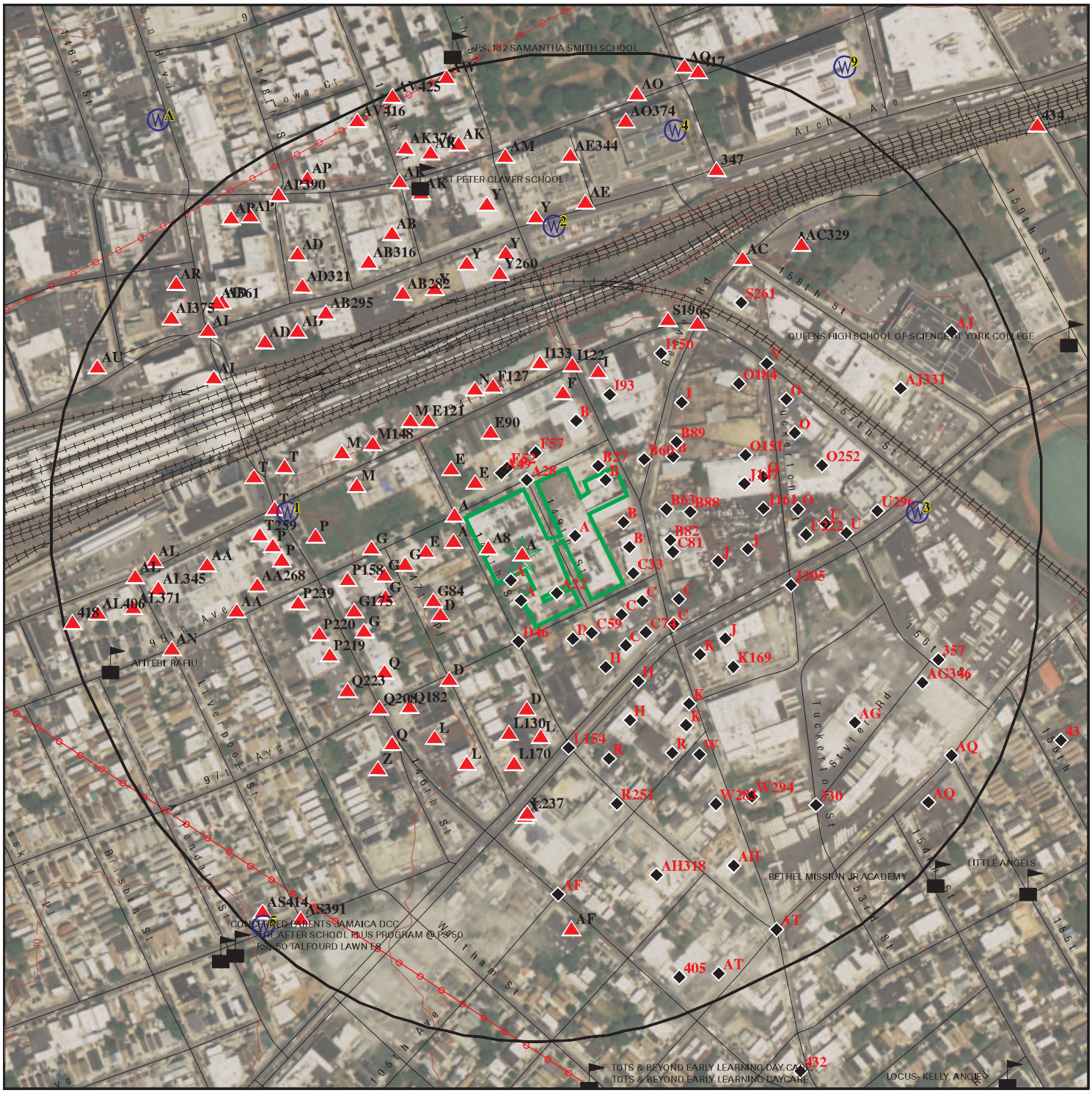
DETAIL MAP - 5857935.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

0 1/16 1/8 1/4 Miles

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

SITE NAME:	95-04 149th Street, Queens, NY 11435	CLIENT:	PVE, LLC.
ADDRESS:	95-04 149th Street Jamaica NY 11435	CONTACT:	Tara Alvarado
LAT/LONG:	40.698633 / 73.804112	INQUIRY #:	5857935.2s
		DATE:	November 05, 2019 4:15 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	9	NR	NR	NR	10
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-VSQG	0.250		3	2	NR	NR	NR	5
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	2	0	3	NR	5
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		9	2	1	NR	NR	12
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500	1	10	4	29	NR	NR	44
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250	1	12	13	NR	NR	NR	26
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		3	1	NR	NR	NR	4
NY AST	0.250		19	22	NR	NR	NR	41
NY CBS AST	0.250		1	1	NR	NR	NR	2
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	1	NR	NR	NR	1
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		5	5	4	NR	NR	14
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		2	2	1	NR	NR	5
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		1	6	0	NR	NR	7
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		44	NR	NR	NR	NR	44
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		2	NR	NR	NR	NR	2
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		24	44	NR	NR	NR	68
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY E DESIGNATION	0.125	1	101	NR	NR	NR	NR	102

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		30	62	NR	NR	NR	92
NJ MANIFEST	0.250		6	16	NR	NR	NR	22
PA MANIFEST	0.250		1	1	NR	NR	NR	2
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	1	0	0	NR	1
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		3	280	197	35	3	0	518

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **LOT 1,TAXBLOCK 10001** **NY E DESIGNATION** **S108983142**
Target **95-04 149 STREET** **N/A**
Property **QUEENS, NY 11435**

Site 1 of 26 in cluster A

Actual: **38 ft.**

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 10001
Address:	95-04 149 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	1
Tax Block:	10001
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A2 **ABBOTT INDUSTRIES INC** **NY UST** **U000402354**
Target **95-04 149TH STREET** **N/A**
Property **JAMAICA, NY 11435**

Site 2 of 26 in cluster A

Actual: **38 ft.**

UST:

Name:	ABBOTT INDUSTRIES INC
Address:	95-04 149TH STREET
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-249955 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601046.88016
UTM Y:	4506056.63351
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	9953
Affiliation Type:	Mail Contact
Company Name:	ULRIC GLOUDIN/UNFLAT AND ASSOCIATES, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	451 GRANDVIEW AVE.
Address2:	Not reported
City:	RIDGEWOOD
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 386-6100
EMail:	UNFLAT,ASSOCIATES@VERIZON.NET
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-09-05

ABBOTT INDUSTRIES INC (Continued) **U000402354**

Site Id:	9953
Affiliation Type:	Facility Operator
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	Not reported
Contact Name:	LEONARD GROSSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 291-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-09-05

Site Id:	9953
Affiliation Type:	Emergency Contact
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	Not reported
Contact Name:	MR LEONARD A GROSSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 374-3306
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-05-24

Site Id:	9953
Affiliation Type:	Facility Owner
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	PRES
Contact Name:	MR LEONARD A GROSSMAN
Address1:	95-25 149TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 291-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-09-05

Tank Info:

Tank Number:	001
Tank ID:	17467
Tank Status:	Closed - In Place
Material Name:	Closed - In Place

ABBOTT INDUSTRIES INC (Continued) **U000402354**

Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	08/11/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	09/24/2003
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

A3 **95-04 149 ST** **NY LTANKS** **S100145187**
Target **95-04 149 ST** **N/A**
Property **NEW YORK CITY, NY**

Site 3 of 26 in cluster A

Actual: **38 ft.**

LTANKS:

Name:	95-04 149 ST
Address:	95-04 149 ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8804089 / 1992-09-30
Facility ID:	8804089
Site ID:	281330
Spill Date:	1988-08-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	1992-09-30
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-08-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0

95-04 149 ST (Continued) **S100145187**

Date Entered In Computer:	1988-08-23
Spill Record Last Update:	1994-05-12
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	228425
DEC Memo:	""
Remarks:	"10K TANK, GROSS LEAK, INIT SYS PETRO-TITE. REPAIR & RETEST."

All TTF:

Facility ID:	8804089
Spill Number:	8804089
Spill Tank Test:	1534423
Site ID:	281330
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	281330
Operable Unit ID:	921255
Operable Unit:	01
Material ID:	459609
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A4 **ABBOTT INDUSTRIES INC** **PA MANIFEST** **S118068441**
9525 149TH ST **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 4 of 26 in cluster A

Relative: Manifest Details:
Lower

Actual:
35 ft.

Year:	2015
Manifest Number:	014014482JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	07/09/2015
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D039
Container Number:	2
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	800
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	6
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	1875
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592

ABBOTT INDUSTRIES INC (Continued) **S118068441**

Date TSP Sig:	Not reported
Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	3
Waste Number:	F002
Container Number:	6
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	2200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported
Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	3
Waste Number:	D039
Container Number:	6
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	2200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported
Year:	2014

ABBOTT INDUSTRIES INC (Continued) **S118068441**

Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	D035
Container Number:	7
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	2550
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	3
Waste Number:	D040
Container Number:	6
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	2200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870

ABBOTT INDUSTRIES INC (Continued) **S118068441**

Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	D001
Container Number:	7
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	2550
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	F003
Container Number:	7
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	2550
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2014
Manifest Number:	011980570JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002031870
Generator Date:	11/10/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported

ABBOTT INDUSTRIES INC (Continued) **S118068441**

Contact Name:	Not reported
Contact Phone:	718-291-0800
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D035
Container Number:	6
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	1875
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

B5 **LOT 13,TAXBLOCK 10002** **NY E DESIGNATION** **S108983272**
95-12 150 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
1 ft.

Site 1 of 34 in cluster B

Relative: E DESIGNATION:
Lower

Actual: Name:	LOT 13,TAXBLOCK 10002
35 ft. Address:	95-12 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	13
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A6 **ABBOTT INDUSTRIES INC** **NY AST** **U003389731**
95-25 149TH ST **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 5 of 26 in cluster A

Relative: AST:
Lower

Actual: Name:	ABBOTT INDUSTRIES INC
35 ft. Address:	95-25 149TH ST
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active

ABBOTT INDUSTRIES INC (Continued) **U003389731**

Facility Id: 2-249963
Program Type: PBS
UTM X: 601055.14660
UTM Y: 4506039.09262
Expiration Date: 07/20/2022
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id: 9954
Affiliation Type: Mail Contact
Company Name: ABBOTT INDUSTRIES INC
Contact Type: Not reported
Contact Name: LEONARD A. GROSSMAN
Address1: 95-25 149TH ST
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 291-0800
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-05-24

Site Id: 9954
Affiliation Type: Facility Operator
Company Name: ABBOTT INDUSTRIES INC
Contact Type: Not reported
Contact Name: ABBOTT INDUSTRIES INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 291-0800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9954
Affiliation Type: Emergency Contact
Company Name: ABBOTT INDUSTRIES INC
Contact Type: Not reported
Contact Name: MR LEONARD A GROSSMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 374-3306
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-05-24

ABBOTT INDUSTRIES INC (Continued) **U003389731**

Site Id:	9954
Affiliation Type:	Facility Owner
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	VICE PRESIDENT
Contact Name:	JEFFREY GROSSMAN
Address1:	95-25 149TH ST
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 291-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-05-24

Tank Info:

Tank Number:	001
Tank Id:	17468
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

	D01 - Pipe Type - Steel/Carbon Steel/Iron
	A00 - Tank Internal Protection - None
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	L09 - Piping Leak Detection - Exempt Suction Piping
	H00 - Tank Leak Detection - None
	I04 - Overfill - Product Level Gauge (A/G)
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1965
Capacity Gallons:	7500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	05/24/2017
Material Name:	#6 fuel oil (on-site consumption)

A7
< 1/8
1 ft.

ABBOTT INDUSTRIES INC
95-25 149TH ST
JAMAICA, NY 11435

Site 6 of 26 in cluster A

RCRA-VSQG **1000343132**
US AIRS **NYD002031870**

Relative:
Lower

Actual:
35 ft.

RCRA-VSQG:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	ABBOTT INDUSTRIES INC
Facility address:	95-25 149TH ST JAMAICA, NY 11435
EPA ID:	NYD002031870
Mailing address:	149TH ST JAMAICA, NY 11435
Contact:	ROBERT CANDEA
Contact address:	149TH ST JAMAICA, NY 11435
Contact country:	US
Contact telephone:	718-291-0800
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	LEONARD A GROSSMAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	LEONARD A GROSSMAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

ABBOTT INDUSTRIES INC (Continued) **1000343132**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: ABBOTT INDUSTRIES INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 1992-01-31 00:00:00.0
Site name: ABBOTT IND INC
Classification: Large Quantity Generator

Date form received by agency: 1988-04-25 00:00:00.0
Site name: ABBOTT INDUSTRIES INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 1991-09-19 00:00:00.0

ABBOTT INDUSTRIES INC (Continued) **1000343132**

Date achieved compliance: 1991-12-17 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1991-09-19 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2015-03-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1998-07-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 1991-09-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1991-12-17 00:00:00.0
Evaluation lead agency: State

US AIRS MINOR:
Envid: 1000343132
Region Code: 02
Programmatic ID: AIR NY0000002630700202
Facility Registry ID: 110000323631
D and B Number: Not reported
Primary SIC Code: 3479
NAICS Code: 332116
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002630700202
Facility Registry ID: 110000323631
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1999-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630700202

ABBOTT INDUSTRIES INC (Continued) **1000343132**

Facility Registry ID: 110000323631
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-06-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630700202
Facility Registry ID: 110000323631
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-08-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630700202
Facility Registry ID: 110000323631
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

A8 **LOT 11,TAXBLOCK 10028** **NY E DESIGNATION** **S108983224**
95-11 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
1 ft.

Site 7 of 26 in cluster A

Relative: E DESIGNATION:
Higher
Name: LOT 11,TAXBLOCK 10028
Actual: Address: 95-11 148 STREET
38 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 11
Tax Block: 10028
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B9 **LOT 10,TAXBLOCK 10002** **NY E DESIGNATION** **S108983193**
95-08 150 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
1 ft.

Site 2 of 34 in cluster B

Relative: E DESIGNATION:
Lower
Actual: Name: LOT 10,TAXBLOCK 10002
35 ft. Address: 95-08 150 STREET
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 10
Tax Block: 10002
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B10 **CON EDISON** **NY MANIFEST** **S119075065**
95-08 150TH ST **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 3 of 34 in cluster B

Relative: NY MANIFEST:
Lower
Actual: Name: CON EDISON
35 ft. Address: 95-08 150TH ST
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004778296
Facility Status: Not reported
Location Address 1: 97-08 150TH ST
Code: BP
Location Address 2: SB 4751
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004778296
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported

CON EDISON (Continued) **S119075065**

Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/04/2015
Trans1 Recv Date:	05/04/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/06/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004778296
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014085280JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B11 **CON EDISON** **NJ MANIFEST** **S120671395**
95-08 150TH ST **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 4 of 34 in cluster B

Relative: **Lower**
Actual: **35 ft.**

NJ MANIFEST:

EPA Id:	NYP004778296
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014085280JJK
EPA ID:	NYP004778296
Date Shipped:	5/4/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120671395**

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

B12 **CON EDISON SERVICE BOX: 21085** **RCRA NonGen / NLR** **1017771820**
95-10 150TH ST FRONT OF **FINDS** **NYP004487658**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 5 of 34 in cluster B

Relative: **Lower**
Actual: **35 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2014-05-03 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 21085
Facility address:	95-10 150TH ST FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004487658
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-04-03 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Date form received by agency:	2014-04-03 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified

CON EDISON SERVICE BOX: 21085 (Continued) **1017771820**

Violation Status: No violations found

FINDS:

Registry ID: 110063799313

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

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

A13 **LOT 1,TAXBLOCK 10002** **NY E DESIGNATION** **S108983143**
95-25 149 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
1 ft.

Site 8 of 26 in cluster A

Relative: E DESIGNATION:
Lower
Actual: Name: LOT 1,TAXBLOCK 10002
35 ft. Address: 95-25 149 STREET
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 1
Tax Block: 10002
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B14 **CON EDISON** **NY MANIFEST** **S118086952**
95-10 150TH ST FRONT OF **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 6 of 34 in cluster B

Relative: NY MANIFEST:
Lower
Actual: Name: CON EDISON
35 ft. Address: 95-10 150TH ST FRONT OF
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004487658
Facility Status: Not reported
Location Address 1: 95-10 150 ST
Code: BP
Location Address 2: SB 21085

CON EDISON (Continued) **S118086952**

Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11367
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004487658
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/03/2014
Trans1 Recv Date:	04/03/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004487658
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002361058GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	G - Gallons (liquids only)* (8.3 pounds)

CON EDISON (Continued) **S118086952**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B15 **CON EDISON** **RCRA NonGen / NLR** **1019902826**
95-08 150TH ST **NYP004778296**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 7 of 34 in cluster B

Relative: RCRA NonGen / NLR:
Lower

Actual: Date form received by agency: 2015-05-04 00:00:00.0
35 ft.

Facility name:	CON EDISON
Facility address:	95-08 150TH ST JAMAICA, NY 11435
EPA ID:	NYP004778296
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON (Continued) **1019902826**

Historical Generators:
Date form received by agency: 2015-05-04 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

A16 **ABBOTT INDUSTRIES** **NY MANIFEST** **S119070933**
95-25 149 STREET **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Site 9 of 26 in cluster A

Relative: **Lower**
Actual: **35 ft.**

NY MANIFEST:
Name: ABBOTT INDUSTRIES
Address: 95-25 149 STREET
City,State,Zip: JAMAICA, NY 11435-0000
Country: USA
EPA ID: NYD002031870
Facility Status: Not reported
Location Address 1: 95-25 149TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11431
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD002031870
Mailing Name: ABBOTT INDUSTRIES
Mailing Contact: ABBOT INDUSTRIES
Mailing Address 1: 95-25 149TH ST
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11431
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7182910800

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NYR000134957
Trans2 State ID: PAD982661381
Generator Ship Date: 07/09/2015
Trans1 Recv Date: 07/09/2015
Trans2 Recv Date: 07/10/2015
TSD Site Recv Date: 07/16/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002031870
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

ABBOTT INDUSTRIES (Continued) **S119070933**

TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	014014482JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	800
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

A17 **LOT 25,TAXBLOCK 10001** **NY E DESIGNATION** **S108983470**
95-37 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
3 ft. **Site 10 of 26 in cluster A**

Relative: E DESIGNATION:
Lower

Name:	LOT 25,TAXBLOCK 10001
Address:	95-37 148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	25
Tax Block:	10001
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.

Actual:
36 ft.

LOT 25,TAXBLOCK 10001 (Continued) **S108983470**

Lot Remediation Date: Not reported

A18 **LOT 124,TAXBLOCK 10001** **NY E DESIGNATION** **S108983268**
95-39 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft. **Site 11 of 26 in cluster A**

Relative: E DESIGNATION:
Lower
Name: LOT 124,TAXBLOCK 10001
Actual: Address: 95-39 148 STREET
36 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 124
Tax Block: 10001
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

A19 **LOT 40,TAXBLOCK 10001** **NY E DESIGNATION** **S108983640**
95-33 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft. **Site 12 of 26 in cluster A**

Relative: E DESIGNATION:
Lower
Name: LOT 40,TAXBLOCK 10001
Actual: Address: 95-33 148 STREET
36 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 40
Tax Block: 10001
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

A20 **LOT 41,TAXBLOCK 10001** **NY E DESIGNATION** **S108983643**
95-31 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft. **Site 13 of 26 in cluster A**

Relative: E DESIGNATION:
Lower
Name: LOT 41,TAXBLOCK 10001
Actual: Address: 95-31 148 STREET
37 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 41
Tax Block: 10001
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

A21 **LOT 26,TAXBLOCK 10001** **NY E DESIGNATION** **S108983493**
95-35 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft. **Site 14 of 26 in cluster A**

Relative: E DESIGNATION:
Lower
Name: LOT 26,TAXBLOCK 10001
Actual: Address: 95-35 148 STREET
36 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 26
Tax Block: 10001
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

A22 **LOT 19,TAXBLOCK 10001** **NY E DESIGNATION** **S108983377**
SE **95-34 149 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.002 mi.
8 ft. **Site 15 of 26 in cluster A**

Relative: E DESIGNATION:
Lower
Name: LOT 19,TAXBLOCK 10001
Actual: Address: 95-34 149 STREET
35 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 19
Tax Block: 10001

LOT 19,TAXBLOCK 10001 (Continued) **S108983377**

Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A23 **LOT 29,TAXBLOCK 10001** **NY E DESIGNATION** **S108983530**
SSW **95-25 148 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.002 mi.
8 ft. **Site 16 of 26 in cluster A**

Relative:
Lower

Actual:
37 ft.

E DESIGNATION:

Name:	LOT 29,TAXBLOCK 10001
Address:	95-25 148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	29
Tax Block:	10001
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A24 **LOT 27,TAXBLOCK 10001** **NY E DESIGNATION** **S108983509**
South **95-29 148 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.002 mi.
10 ft. **Site 17 of 26 in cluster A**

Relative:
Lower

Actual:
37 ft.

E DESIGNATION:

Name:	LOT 27,TAXBLOCK 10001
Address:	95-29 148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	27
Tax Block:	10001
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B25 **LOT 15,TAXBLOCK 10002** **NY E DESIGNATION** **S108983311**
ENE **95-20 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.004 mi.
19 ft. **Site 8 of 34 in cluster B**

Relative: **Lower**
Actual: **35 ft.**

E DESIGNATION:

Name:	LOT 15,TAXBLOCK 10002
Address:	95-20 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	15
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A26 **LOT 24,TAXBLOCK 10001** **NY E DESIGNATION** **S108983460**
South **95-41 148 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.004 mi.
21 ft. **Site 18 of 26 in cluster A**

Relative: **Lower**
Actual: **36 ft.**

E DESIGNATION:

Name:	LOT 24,TAXBLOCK 10001
Address:	95-41 148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	24
Tax Block:	10001
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B27 **LOT 5,TAXBLOCK 10002** **NY E DESIGNATION** **S108983695**
NE **95-02 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.005 mi.
25 ft. **Site 9 of 34 in cluster B**

Relative: **Lower**
Actual: **36 ft.**

E DESIGNATION:

Name:	LOT 5,TAXBLOCK 10002
Address:	95-02 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	5
Tax Block:	10002

LOT 5,TAXBLOCK 10002 (Continued) **S108983695**

Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A28 **NOT FOUND** **NY Spills** **S108057886**
North **95TH AVE/149 ST** **N/A**
< 1/8 **QUEENS, NY**
0.006 mi.
32 ft. **Site 19 of 26 in cluster A**

Relative: **Lower**
Actual: **37 ft.**

SPILLS:

Name:	NOT FOUND
Address:	95TH AVE/149 ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0603449 / 2006-08-28
Facility ID:	0603449
Facility Type:	ER
DER Facility ID:	316258
Site ID:	366179
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	2006-06-28
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2006-06-28
CID:	410
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-29
Spill Record Last Update:	2006-08-28
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MR. FREEMAN
DEC Memo:	"add to next drum run 08/28/06 Rahman- Drum not found."
Remarks:	"5- 5 GALLON METAL DRUMS DUMPED LAST WEEK AT INTERSECTION. UNKNOWN MATERIAL/AMOUNT INSIDE DRUMS."

All Materials:

Site ID:	366179
Operable Unit ID:	1124130

NOT FOUND (Continued) **S108057886**

Operable Unit:	01
Material ID:	2113613
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A29 **LOT 28,TAXBLOCK 10001** **NY E DESIGNATION** **S108983519**
SSW **95-27 148 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.006 mi.
33 ft. **Site 20 of 26 in cluster A**

Relative: **Lower**
Actual: **37 ft.**

E DESIGNATION:

Name:	LOT 28,TAXBLOCK 10001
Address:	95-27 148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	28
Tax Block:	10001
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A30 **SPILL NUMBER 9814213** **NY Spills** **S104648622**
WNW **148TH ST & 95TH AV** **N/A**
< 1/8 **NEW YORK, NY**
0.007 mi.
35 ft. **Site 21 of 26 in cluster A**

Relative: **Higher**
Actual: **39 ft.**

SPILLS:

Name:	SPILL NUMBER 9814213
Address:	148TH ST & 95TH AV
City,State,Zip:	NEW YORK, NY
Spill Number/Closed Date:	9814213 / 2003-07-07
Facility ID:	9814213
Facility Type:	ER
DER Facility ID:	211617
Site ID:	258592
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-02-25
Investigator:	RWAUSTIN

SPILL NUMBER 9814213 (Continued) **S104648622**

Referred To:	Not reported
Reported to Dept:	1999-02-25
CID:	384
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-02-25
Spill Record Last Update:	2003-07-07
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN DEC Sigona closed spill on May 12, 2003, no further info available the drums were handled by DEC/DEP. 7/7/03 -AUSTIN - SPILL CLOSED IN TEXT OF REMARKS, BUT NOT IN DATABASE - I CLOSED IT - END"
Remarks:	"2 55 GALLON DRUMMS WERE DISCOVERED ON THE SIDE OF THE ROAD FILLED WITH WASTE OIL. "

All Materials:

Site ID:	258592
Operable Unit ID:	1071636
Operable Unit:	01
Material ID:	310917
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	110.00
Units:	G
Recovered:	110.00
Oxygenate:	Not reported

A31 **SPILL NUMBER 9914434** **NY Spills** **S104650475**
WNW **95TH AVE & 148TH ST** **N/A**
< 1/8 **JAMAICA, QUEENS, NY**
0.007 mi.
35 ft. **Site 22 of 26 in cluster A**

Relative:
Higher

Actual:
39 ft.

SPILLS:

Name:	SPILL NUMBER 9914434
Address:	95TH AVE & 148TH ST
City,State,Zip:	JAMAICA, QUEENS, NY
Spill Number/Closed Date:	9914434 / 2003-02-14
Facility ID:	9914434
Facility Type:	ER
DER Facility ID:	203278
Site ID:	247558
DEC Region:	2
Spill Cause:	Abandoned Drums

SPILL NUMBER 9914434 (Continued) **S104650475**

Spill Class:	C4
SWIS:	4101
Spill Date:	2000-03-22
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2000-03-22
CID:	205
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-03-22
Spill Record Last Update:	2003-02-14
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 3/33/00 Spoke to Muriel. She said the drums have been there for 14 months. Looked into database, found spill #9814212. The plastic drums are currently not leaking, however they are missing the circular cap on top. As per Muriel, DEP came last February and sampled and marked the drums. JMR ADMINISTRATIVE CLOSURE - AUSTIN"
Remarks:	"CALLER REPORTED TWO (POSS 55 GAL) DRUMS ON SIDEWALK."

All Materials:

Site ID:	247558
Operable Unit ID:	1088950
Operable Unit:	01
Material ID:	292722
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	110.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A32 **VAULT #6898** **NY Spills** **S104650435**
WNW **148TH ST & 95TH AV** **N/A**
< 1/8 **QUEENS, NY**
0.007 mi.
36 ft. **Site 23 of 26 in cluster A**

Relative: SPILLS:
Higher

Name:	SPILL NUMBER 9914065
Address:	148TH ST & 95TH AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9914065 / 2000-03-16
Facility ID:	9914065

Actual:
39 ft.

VAULT #6898 (Continued) **S104650435**

Facility Type:	ER
DER Facility ID:	124180
Site ID:	145781
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C4
SWIS:	4101
Spill Date:	2000-03-13
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2000-03-13
CID:	366
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-03-13
Spill Record Last Update:	2003-11-14
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND PIN #01036 ABANDONED DRUM SEE SPILL #9930008"
Remarks:	"CALLER REPORTING THAT (2) 55 GALLON DRUMS OF WASTE OIL WERE FOUND IN THE AREA OF ABOVE. DEP REQ SOMEONE TO PICK UP."

All Materials:

Site ID:	145781
Operable Unit ID:	1088578
Operable Unit:	01
Material ID:	292355
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	110.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	VAULT #6898
Address:	148TH ST & 95TH AV
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0306405 / 2003-10-27
Facility ID:	0306405
Facility Type:	ER
DER Facility ID:	279950
Site ID:	258591
DEC Region:	2
Spill Cause:	Equipment Failure

VAULT #6898 (Continued) **S104650435**

Spill Class:	C4
SWIS:	4101
Spill Date:	2003-09-17
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2003-09-17
CID:	297
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-09-17
Spill Record Last Update:	2003-10-27
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	ANDREW MORRIS
DEC Memo:	"C.HOFFMAN # 88477 SUPERVISOR B/Q EQUIPMENT REPORTS FINDING APPROX GALLONS OF DIELECTRIC FLUID ON DIRT & DEBRIS IN SUMP PIT. TRANSORMER SHOWS A CAPACITY OF 265 GALLONS. TRANSFORMER IS 125 GALLONS LOW VIA DIPPING OF TRANSFORMER. TOP OF TRANSFORMER RUPTUED. NO SEWERS OR WATERWAYS APPEAR AFFECTED, NO FIRE OR SMOKE INVOLVED, NO INJURIES OR PRIVATE PROPERTY INVOLVED. HISTORICAL SHOWS PPM PCB.TRANSFORMER PREVIOUSLY LEC IN SEPT OF 2000. LIQUID SAMPLE TAKEN MARKED FOR 24 HOUR PROGRAM. CHAIN OF CUSTODY FORM AA09205 FILLED OUT. ENVIROMENTAL OPS H.CORTEZ NOTIFIED @ 1159 HRS 9/17. DID SEARCH OF E2MIS RECORDS FOUND NO RECORD OF ANY CLEANUP IN TM-6898. CREW REMAINS ON LOCATION PENDING ENVIROMENTAL OPS. #1255 VDC. HRS 9/17. #12255 VDC. 9/17/03 14:28 SR. SPECIALIST B/Q EH&S E. CORTEZ REPORTS THAT AT 13:30 DEP ON LOCATION HE EXPLAINED CLEANUP PLAN. THEY WERE SATISFIED AND LEFT AT 14:51. MR CORTEZ ALSO REPORTS ERT DAVID DUKE ON LOCATION AT 14:28. OVER 50 TANKER & FLUSH& NETWORK DEPARTMENT ON LOC. NETWORKS SIGNED ON FDR TO DRAIN UNIT. 9/17/03 15:15 E.CORTEZ REPORTS ERT LEFT LOCATION NETWORKS DRAING UNIT. hE WILL BE LEAVING LOCATION AT 15:30. THERE WILL BE NO SUPERVISOR ON LOCATION. Environmental Detailed Incident Report 9/17/03 16:45 C.HOFFMAN REPORTS TANKER REMOVED 85 GALLONS OF OIL FROM TRANSFORMER AND SUMP . TRANSFORMER REMOVED FROM STRUCTURE. RESULTS RECIEVED, LAB SEQUENCE # 03-07698-001 19 PPM, NOTIFIED FLUSH SUPERVISOR BAMONTE. Update - 9/17/03 - 1800hrs Notifying CIG of upgrade to 180 gallon transformer oil from 3 gallons. R. Elliot CIG notified @ 1809hrs UPDATE: 17-SEP-2003 1915HRS DOUBLE WASHED WITH BIO GEN 760. REMOVED ALL LIQUIDS. FOUND SUMP SEALED. REMOVED TAG 14867. JOB COMPLETE 100% Update - 9/19/03 @ 1510 hrs - Updated event involved materials and event involved persons lists. Additionally, changed organization from Networks to Flush Operations. "
Remarks:	"TRANSFORMER RUPTURED IN THE VAULT, SAMPLES TAKEN - CON ED SPILL #150368 - TRANSFORMER OIL WAS MEASURED, AND IT'S COMING UP 125 GALS SHORT ON OIL - PCB LEVEL IS 4PPM"

All Materials:

Site ID:	258591
Operable Unit ID:	872943

VAULT #6898 (Continued) **S104650435**

Operable Unit:	01
Material ID:	503630
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	125.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C33 **LOT 25,TAXBLOCK 10002** **NY E DESIGNATION** **S108983471**
East **95-40 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.008 mi.
42 ft. **Site 1 of 17 in cluster C**

Relative: **Lower**
Actual: **33 ft.**

E DESIGNATION:

Name:	LOT 25,TAXBLOCK 10002
Address:	95-40 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	25
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B34 **LOT 24,TAXBLOCK 10002** **NY E DESIGNATION** **S108983461**
East **95-38 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.008 mi.
44 ft. **Site 10 of 34 in cluster B**

Relative: **Lower**
Actual: **33 ft.**

E DESIGNATION:

Name:	LOT 24,TAXBLOCK 10002
Address:	95-38 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	24
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.

LOT 24,TAXBLOCK 10002 (Continued) **S108983461**

Lot Remediation Date: Not reported

B35 **LOT 23,TAXBLOCK 10002** **NY E DESIGNATION** **S108983443**
East **95-36 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.011 mi.
59 ft. **Site 11 of 34 in cluster B**

Relative: **Lower**
Actual: **33 ft.**

E DESIGNATION:

Name:	LOT 23,TAXBLOCK 10002
Address:	95-36 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	23
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A36 **LOT 10,TAXBLOCK 10028** **NY E DESIGNATION** **S108983195**
West **147-44 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.012 mi.
64 ft. **Site 24 of 26 in cluster A**

Relative: **Higher**
Actual: **38 ft.**

E DESIGNATION:

Name:	LOT 10,TAXBLOCK 10028
Address:	147-44 95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	10
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B37 **CON EDISON** **NY MANIFEST** **S119075064**
East **95-34 150TH ST** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.012 mi.
64 ft. **Site 12 of 34 in cluster B**

Relative:
Lower

Actual:
33 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	95-34 150TH ST
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004778288
Facility Status:	Not reported
Location Address 1:	95-34 150TH ST
Code:	BP
Location Address 2:	SB 11198
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004778288
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/04/2015
Trans1 Recv Date:	05/04/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/06/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004778288
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014085279JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S119075064**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	600
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B38 **LOT 122,TAXBLOCK 10002** **NY E DESIGNATION** **S108983266**
East **95-34 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.012 mi.
64 ft. **Site 13 of 34 in cluster B**

Relative: E DESIGNATION:
Lower

Actual: Name:	LOT 122,TAXBLOCK 10002
33 ft. Address:	95-34 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	122
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B39 **CON EDISON SERVICE BOX: 11198** **RCRA NonGen / NLR** **1016971466**
East **95-34 150TH ST FRONT OF** **NY MANIFEST** **NYP004452074**
< 1/8 **JAMAICA, NY 11435**
0.012 mi.
64 ft. **Site 14 of 34 in cluster B**

Relative:
Lower

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-03-26 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 11198
Facility address:	95-34 150TH ST FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004452074
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-02-26 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 11198
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	95-34 150TH ST FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004452074
Facility Status:	Not reported
Location Address 1:	FRONT OF 95-34 150 ST
Code:	BP
Location Address 2:	SB11198
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 11198 (Continued) **1016971466**

Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004452074
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING ST
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/26/2014
Trans1 Recv Date:	02/26/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/26/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004452074
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002359087GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	30
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 11198 (Continued) **1016971466**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B40 **CON EDISON** **NJ MANIFEST** **S120671394**
East **95-34 150TH ST** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.012 mi.
64 ft. **Site 15 of 34 in cluster B**

Relative: **Lower**
Actual: **33 ft.**

NJ MANIFEST:

EPA Id:	NYP004778288
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014085279JJK
EPA ID:	NYP004778288
Date Shipped:	5/4/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

CON EDISON (Continued) **S120671394**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

B41 **CON EDISON** **RCRA NonGen / NLR** **1019902825**
East **95-34 150TH ST** **NYP004778288**
< 1/8 **JAMAICA, NY 11435**
0.012 mi.
64 ft. **Site 16 of 34 in cluster B**

Relative: **Lower**

Actual: **33 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2015-05-04 00:00:00.0
Facility name:	CON EDISON
Facility address:	95-34 150TH ST JAMAICA, NY 11435
EPA ID:	NYP004778288
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

CON EDISON (Continued) **1019902825**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-05-04 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

B42 **LOT 22,TAXBLOCK 10002** **NY E DESIGNATION** **S108983431**
East **95-32 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.013 mi.
68 ft. **Site 17 of 34 in cluster B**

Relative: **Lower**
Actual: **34 ft.**

E DESIGNATION:
Name: LOT 22,TAXBLOCK 10002
Address: 95-32 150 STREET
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 22
Tax Block: 10002
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B43 **CON EDISON** **RCRA NonGen / NLR** **1017771819**
ENE **95-24 150TH ST FRONT OF** **NYP004487641**
< 1/8 **JAMAICA, NY 11435**
0.013 mi.
71 ft. **Site 18 of 34 in cluster B**

Relative: **Lower**
Actual: **34 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2014-05-03 00:00:00.0
Facility name: CON EDISON
Site name: CON EDISON SERVICE BOX: 21088
Facility address: 95-24 150TH ST FRONT OF
JAMAICA, NY 11435
EPA ID: NYP004487641
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported

CON EDISON (Continued) **1017771819**

Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-04-03 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-04-03 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

B44 **LOT 17,TAXBLOCK 10002** **NY E DESIGNATION** **S108983347**
ENE **95-24 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.013 mi.
71 ft. **Site 19 of 34 in cluster B**

Relative: **Lower**
Actual: **34 ft.**

E DESIGNATION:
Name: LOT 17,TAXBLOCK 10002
Address: 95-24 150 STREET
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 17
Tax Block: 10002
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B45 **CON EDISON** **NY MANIFEST** **S118086951**
ENE **95-24 150TH ST FRONT OF** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.013 mi.
71 ft. **Site 20 of 34 in cluster B**

Relative:
Lower

Actual:
34 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	95-24 150TH ST FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004487641
Facility Status:	Not reported
Location Address 1:	95-24 150 ST
Code:	BP
Location Address 2:	SB 21088
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11367
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004487641
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/02/2014
Trans1 Recv Date:	04/02/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004487641
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002361057GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S118086951**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D46 **DRUM RUN** **NY Spills** **S118262214**
South **97TH AVE AND 148TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.013 mi.
71 ft. **Site 1 of 10 in cluster D**

Relative: SPILLS:
Lower

Actual: Name:	DRUM RUN
37 ft. Address:	97TH AVE AND 148TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1507075 / 2015-10-16
Facility ID:	1507075
Facility Type:	ER
DER Facility ID:	468996
Site ID:	514531
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	4101
Spill Date:	2015-10-05
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2015-10-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

DRUM RUN (Continued) **S118262214**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-10-05
Spill Record Last Update:	2015-10-16
Spiller Name:	DAVID
Spiller Company:	UNKNOWN
Spiller Address:	97TH AVE @ 148TH ST
Spiller Company:	999
Contact Name:	DAVID
DEC Memo:	"10/5/2015 - Feng - Duty Desk. Talked to David of NYCDEP HAZMAT (917-682-2432). He is still onsite and waiting for his partner to come. David said there are (6) 5-gallon pails/buckets that have no lids. Inside of the buckets are black plastic bags which are filled with wasted petroleum product. (3) of the buckets, either by accident or cars, were spilled on the street along the curb. He estimated it is about 2-3 gallons, but the stain that brought by the cars extended to half of the block. He does not have enough speedyDry or absorbent to clean up by himself at this time. No sewer/drain being affected. No soil impacted. He is waiting for his partner, who is on the way and will be there in in 30 minutes, to bring a 35-gallon drum to load all of the petroleum product into one single drum. The empty buckets will be picked up by the Department of Sanitation. And the spill, according to David, will be cleaned up by Sanitation also. He already contacted Sanitation and they will be there in 1-2 hours. But by the time his partner gets to the site, they will have more speedyDry and absorbent to contain the spill. I advised him that the spill will be assigned to Ryan Piper for petroleum product pickup. spill is assigned to Ryan Piper for drum run. Emailed him the spill report. 10/15/15- DEC Piper removed 1 drum from site via box truck with IP & T. Spill closed."
Remarks:	"david 6 5 gallon buckets containing bags full of unknown petroleum products. 2 were spilled into street. David will be loading all into 35 gallon overpack."

All Materials:

Site ID:	514531
Operable Unit ID:	1263722
Operable Unit:	01
Material ID:	2267468
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

E47
NW
< 1/8
0.014 mi.
73 ft.

DRUM RUN
148-01 95TH AVE
QUEENS, NY

Site 1 of 10 in cluster E

NY Spills **S117974429**
N/A

Relative:
Higher

Actual:
39 ft.

SPILLS:

Name:	DRUM RUN
Address:	148-01 95TH AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1502854 / 2015-06-19
Facility ID:	1502854
Facility Type:	ER
DER Facility ID:	463782
Site ID:	509136
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	D3
SWIS:	4101
Spill Date:	2015-06-15
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2015-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-06-15
Spill Record Last Update:	2015-06-19
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	148TH ST AND 95TH AVE
Spiller Company:	999
Contact Name:	ERIC POHL
DEC Memo:	"6/15/15-Ahmed-Assigned to Piper for next drum run. DEC Piper - 10 gal pumped on 6/18/15. Sanitation notified of empties. Spill closed."
Remarks:	"3- 5 gallon containers abandoned. Request p/u"

All Materials:

Site ID:	509136
Operable Unit ID:	1258429
Operable Unit:	01
Material ID:	2261583
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

B48 **LOT 21,TAXBLOCK 10002** **NY E DESIGNATION** **S108983418**
East **95-30 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.014 mi.
73 ft. **Site 21 of 34 in cluster B**

Relative: E DESIGNATION:
Lower
Actual:
34 ft.

Name:	LOT 21,TAXBLOCK 10002
Address:	95-30 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	21
Tax Block:	10002
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

A49 **LOT 39,TAXBLOCK 10000** **NY E DESIGNATION** **S108983622**
NNW **95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.015 mi.
78 ft. **Site 25 of 26 in cluster A**

Relative: E DESIGNATION:
Lower
Actual:
37 ft.

Name:	LOT 39,TAXBLOCK 10000
Address:	95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	39
Tax Block:	10000
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B50 **LOT 20,TAXBLOCK 10002** **NY E DESIGNATION** **S108983400**
East **95-28 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.015 mi.
79 ft. **Site 22 of 34 in cluster B**

Relative: E DESIGNATION:
Lower
Actual:
34 ft.

Name:	LOT 20,TAXBLOCK 10002
Address:	95-28 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	20
Tax Block:	10002

LOT 20,TAXBLOCK 10002 (Continued) **S108983400**

Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

C51 **ABBOTT INDUSTRIES INC** **NY AST** **U003389732**
ESE **97-02 150TH ST** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.015 mi.
80 ft. **Site 2 of 17 in cluster C**

Relative: **Lower**
Actual: **33 ft.**

AST:

Name:	ABBOTT INDUSTRIES INC
Address:	97-02 150TH ST
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-249971
Program Type:	PBS
UTM X:	601173.02529
UTM Y:	4505964.75538
Expiration Date:	N/A
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	9955
Affiliation Type:	Facility Owner
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	97-02 150TH ST
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 291-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9955
Affiliation Type:	Mail Contact
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	Not reported
Contact Name:	SUPER/FACILITY MANAGER
Address1:	97-02 150TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY

ABBOTT INDUSTRIES INC (Continued) **U003389732**

Zip Code:	11435
Country Code:	001
Phone:	(718) 291-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9955
Affiliation Type:	Facility Operator
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	Not reported
Contact Name:	ABBOTT INDUSTRIES INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 291-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9955
Affiliation Type:	Emergency Contact
Company Name:	ABBOTT INDUSTRIES INC
Contact Type:	Not reported
Contact Name:	MR LEONARD A GROSSMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 374-3306
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-05-24

Tank Info:

Tank Number:	001
Tank Id:	17469
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

ABBOTT INDUSTRIES INC (Continued) **U003389732**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/20/2007
Register:	True
Modified By:	MXLAY
Last Modified:	07/17/2017
Material Name:	#2 fuel oil (on-site consumption)

E52 **LOT 38,TAXBLOCK 10000** **NY E DESIGNATION** **S108983617**
North **95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.016 mi.
85 ft. **Site 2 of 10 in cluster E**

Relative: E DESIGNATION:
Lower

Actual: Name:	LOT 38,TAXBLOCK 10000
37 ft. Address:	95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	38
Tax Block:	10000
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

C53 **LOT 14,TAXBLOCK 10033** **NY E DESIGNATION** **S108983292**
ESE **149-06 97 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.016 mi.
85 ft. **Site 3 of 17 in cluster C**

Relative: E DESIGNATION:
Lower

Actual: Name:	LOT 14,TAXBLOCK 10033
33 ft. Address:	149-06 97 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	14
Tax Block:	10033
Borough Code:	QN

LOT 14,TAXBLOCK 10033 (Continued) **S108983292**

E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

C54 **LOT 13,TAXBLOCK 10033** **NY E DESIGNATION** **S108983274**
SE **149-04 97 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.016 mi.
85 ft. **Site 4 of 17 in cluster C**

Relative: E DESIGNATION:
Lower
Actual: Name: LOT 13,TAXBLOCK 10033
34 ft. Address: 149-04 97 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 13
Tax Block: 10033
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

D55 **DENNIS PRINCE** **NY Spills** **S112808268**
SSE **14812 97TH AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.016 mi.
86 ft. **Site 2 of 10 in cluster D**

Relative: SPILLS:
Lower
Actual: Name: DENNIS PRINCE
35 ft. Address: 14812 97TH AVE
City,State,Zip: JAMAICA, NY
Spill Number/Closed Date: 1213219 / 2013-05-10
Facility ID: 1213219
Facility Type: ER
DER Facility ID: 431757
Site ID: 476398
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 4101
Spill Date: 2012-12-10
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2012-12-10

DENNIS PRINCE (Continued) **S112808268**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-12-10
Spill Record Last Update:	2013-05-10
Spiller Name:	DENNIS PRINCE
Spiller Company:	DENNIS PRINCE
Spiller Address:	14812 97TH AVE
Spiller Company:	999
Contact Name:	DENNIS PRINCE
DEC Memo:	"12/10/12 TJD T/C with Mrs. Prince - she states Petro Oil technician has responded to her residence associated with a drip from 275 basement AST. Technician applied a magnet patch on tank bottom and tank is currently not leaking. Owner had a fuel delivery over the weekend - filling tank. Petro is reportedly sending a third party contractor (Milro Associates) to residence to evaluate tank system for possible replacement. DEC advised owner to place a drip pan under tank to aid in monitoring - owner was further advised to replace tank ASAP or transfer fuel to a temporary tank to avoid the potential for a more significant discharge. 3/27/13 AFrischeisen intern TTF letter sent. 5/10/13 TJD T/C with Michael Natoli (Petro Oil - Supervisor) - he confirms history as provided by property owner on 12/10/12. Less than 1 pint of #2FO was discharged onto concrete floor and cleaned with granular absorbents. 275 AST was replaced in early January 2013. As per DEC request Petro provided a short written narrative of events associated with reported discharge - letter has been uploaded to EDOCS. No further action is required."
Remarks:	"wet at bottom, concrete, c/u pending"

All Materials:

Site ID:	476398
Operable Unit ID:	1226226
Operable Unit:	01
Material ID:	2223607
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.25
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

D56 **DENNIS PRINCE** **NY SPILLS 90** **S112395658**
SSE **14812 97TH AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.016 mi.
86 ft. **Site 3 of 10 in cluster D**

Relative: Spills:
Lower
Actual: Status: ACTIVE
35 ft. Contact Name: Not reported
Contact Phone: Not reported
Site ID: 1213219
Secondary ID: 476398
Cross Street: Not reported
County: QUEENS
Longitude: 0
Latitude: 0
Elevation: Not reported

F57 **LOT 31,TAXBLOCK 10000** **NY E DESIGNATION** **S108983556**
North **149-01 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.017 mi.
88 ft. **Site 1 of 4 in cluster F**

Relative: E DESIGNATION:
Lower
Actual: Name: LOT 31,TAXBLOCK 10000
37 ft. Address: 149-01 95 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 31
Tax Block: 10000
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

E58 **LOT 42,TAXBLOCK 10000** **NY E DESIGNATION** **S108983652**
NNW **148-07 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.017 mi.
89 ft. **Site 3 of 10 in cluster E**

Relative: E DESIGNATION:
Higher
Actual: Name: LOT 42,TAXBLOCK 10000
38 ft. Address: 148-07 95 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 42
Tax Block: 10000
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q

LOT 42,TAXBLOCK 10000 (Continued) **S108983652**

Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

C59 **LOT 8,TAXBLOCK 10033** **NY E DESIGNATION** **S108983841**
SE **148-16 97 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.018 mi.
95 ft. **Site 5 of 17 in cluster C**

Relative: E DESIGNATION:
Lower
Name: LOT 8,TAXBLOCK 10033
Actual: Address: 148-16 97 AVENUE
34 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 8
Tax Block: 10033
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B60 **CC PRECISION WELDING CORP** **NY UST** **U004046327**
NE **150-09 BEAVER ROAD** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.018 mi.
95 ft. **Site 23 of 34 in cluster B**

Relative: UST:
Lower
Name: CC PRECISION WELDING CORP
Actual: Address: 150-09 BEAVER ROAD
35 ft. City,State,Zip: JAMAICA, NY 11433
Id/Status: 2-610099 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 601144.97234
UTM Y: 4506057.63656
Site Type: Other

Affiliation Records:
Site Id: 358312
Affiliation Type: Facility Owner
Company Name: CLINT CLARK
Contact Type: PRES.
Contact Name: CLINT CLARK
Address1: 95-09 150TH STREET
Address2: Not reported
City: JAMAICA

CC PRECISION WELDING CORP (Continued) **U004046327**

State: NY
Zip Code: 11345
Country Code: 001
Phone: (718) 291-5558
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-01-19

Site Id: 358312
Affiliation Type: Mail Contact
Company Name: CC PRECISION WELDING CORP
Contact Type: Not reported
Contact Name: CLINT CLARK
Address1: 95-09 150TH STREET
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11345
Country Code: 001
Phone: (718) 291-5558
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-01-19

Site Id: 358312
Affiliation Type: Facility Operator
Company Name: CC PRECISION WELDING CORP
Contact Type: Not reported
Contact Name: CLINT CLARK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 291-5558
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-01-19

Site Id: 358312
Affiliation Type: Emergency Contact
Company Name: CLINT CLARK
Contact Type: Not reported
Contact Name: CLINT CLARK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 456-0231
EMail: Not reported
Fax Number: Not reported

CC PRECISION WELDING CORP (Continued) **U004046327**

Modified By: KXTANG
Date Last Modified: 2006-01-19

Tank Info:

Tank Number: 1
Tank ID: 209697
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 2
Tank ID: 209698
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

CC PRECISION WELDING CORP (Continued) **U004046327**

Modified By: KXTANG
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 3
Tank ID: 209699
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 4
Tank ID: 209700
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550

CC PRECISION WELDING CORP (Continued) **U004046327**

Install Date:	Not reported
Date Tank Closed:	06/04/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXTANG
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

A61 **LOT 7,TAXBLOCK 10028** **NY E DESIGNATION** **S108983806**
West **147-40 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.019 mi.
102 ft. **Site 26 of 26 in cluster A**

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:

Name:	LOT 7,TAXBLOCK 10028
Address:	147-40 95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	7
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

C62 **CON EDISON SERVICE BOX: 21099** **RCRA NonGen / NLR** **1016965208**
ESE **97-08 150TH ST FRONT OF** **NY MANIFEST** **NYP004381000**
< 1/8 **JAMAICA, NY 11435**
0.023 mi.
124 ft. **Site 6 of 17 in cluster C**

Relative:
Lower

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-11-28 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 21099
Facility address:	97-08 150TH ST FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004381000
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-10-28 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 21099
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	97-08 150TH ST FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004381000
Facility Status:	Not reported
Location Address 1:	FT OF 97-08 150TH ST
Code:	BP
Location Address 2:	SB 21099
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 21099 (Continued) **1016965208**

Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004381000
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/29/2013
Trans1 Recv Date:	10/29/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/31/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004381000
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002237467GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 21099 (Continued) **1016965208**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B63 **LOT 77,TAXBLOCK 10107** **NY E DESIGNATION** **S108983835**
ENE **150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.025 mi.
132 ft. **Site 24 of 34 in cluster B**

Relative: E DESIGNATION:
Lower

Actual: Name:	LOT 77,TAXBLOCK 10107
34 ft. Address:	150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	77
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B64 **TIC TAC AUTO INC** **NY SWF/LF** **S108146160**
ENE **150-08 BEAVER ROAD** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.025 mi.
134 ft. **Site 25 of 34 in cluster B**

Relative: SWF/LF:
Lower

Actual: Name:	TIC TAC AUTO INC
35 ft. Address:	150-08 BEAVER ROAD
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported

TIC TAC AUTO INC (Continued) **S108146160**

Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	601165
North Coordinate:	4506052
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

B65 **TIC TAC AUTO INC.** **NY AST** **A100296369**
ENE **150-08 BEAVER ROAD** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.025 mi.
134 ft. **Site 26 of 34 in cluster B**

Relative: **Lower**

Actual: **35 ft.**

AST:

Name:	TIC TAC AUTO INC.
Address:	150-08 BEAVER ROAD
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609557
Program Type:	PBS
UTM X:	601156.50170
UTM Y:	4506054.90696
Expiration Date:	05/19/2009
Site Type:	Other

Affiliation Records:

Site Id:	55613
Affiliation Type:	Facility Owner
Company Name:	TIC TAC AUTO INC.
Contact Type:	PRES.
Contact Name:	GEORGE MARSH
Address1:	150-08 BEAVER ROAD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 321-1234
EMail:	Not reported
Fax Number:	Not reported
Modified By:	cgfreedm

TIC TAC AUTO INC. (Continued) **A100296369**

Date Last Modified:	2004-05-19
Site Id:	55613
Affiliation Type:	Mail Contact
Company Name:	TIC TAC AUTO INC.
Contact Type:	Not reported
Contact Name:	GEORGE MARSH
Address1:	150-08 BEAVER ROAD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 206-8134
EMail:	Not reported
Fax Number:	Not reported
Modified By:	cgfreedm
Date Last Modified:	2004-05-19
Site Id:	55613
Affiliation Type:	Facility Operator
Company Name:	TIC TAC AUTO INC.
Contact Type:	Not reported
Contact Name:	GEORGE MARSH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 206-8134
EMail:	Not reported
Fax Number:	Not reported
Modified By:	cgfreedm
Date Last Modified:	2004-05-19
Site Id:	55613
Affiliation Type:	Emergency Contact
Company Name:	TIC TAC AUTO INC.
Contact Type:	Not reported
Contact Name:	GEORGE MARSH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 321-1234
EMail:	Not reported
Fax Number:	Not reported
Modified By:	cgfreedm
Date Last Modified:	2004-05-19

Tank Info:

Tank Number:	1
Tank Id:	178843

TIC TAC AUTO INC. (Continued) **A100296369**

Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	C00 - Pipe Location - No Piping
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	cgfreedm
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

B66 **EASY DOES IT AUTO SALVAGE INC** **NY SWF/LF** **S110242474**
ENE **15008 BEAVER ROAD** **N/A**
< 1/8 **JAMAICA, NY**
0.025 mi.
134 ft. **Site 27 of 34 in cluster B**

Relative: **Lower**

Actual: **35 ft.**

SWF/LF:

Name:	EASY DOES IT AUTO SALVAGE INC
Address:	15008 BEAVER ROAD
City,State,Zip:	JAMAICA, NY
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	601167
North Coordinate:	4506061
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported

EASY DOES IT AUTO SALVAGE INC (Continued) **S110242474**

Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

B67 **QUEENS INDUSTRIAL ELEC** **NJ MANIFEST** **S120665319**
NNE **94-12 150TH STREET** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.029 mi.
155 ft. **Site 28 of 34 in cluster B**

Relative: **Lower**

Actual: **37 ft.**

NJ MANIFEST:
EPA Id: NYD012420261
Mail Address: Not reported
Mail City/State/Zip: Not reported
Facility Phone: 7185267198
Emergency Phone: Not reported
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 004632587SKS
EPA ID: NYD012420261
Date Shipped: 3/9/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported

QUEENS INDUSTRIAL ELEC (Continued) **S120665319**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported
Manifest Number:	004606206SKS
EPA ID:	NYD012420261
Date Shipped:	1/14/2015
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000081205
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported
Manifest Number:	004816875SKS

QUEENS INDUSTRIAL ELEC (Continued) **S120665319**

EPA ID:	NYD012420261
Date Shipped:	6/9/2015
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000081205
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

Manifest Number:	004910079SKS
EPA ID:	NYD012420261
Date Shipped:	5/5/2015
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000081205
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

QUEENS INDUSTRIAL ELEC (Continued) **S120665319**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

B68 **QUEENS INDUSTRIAL ELEC** **RCRA-VSQG** **1000208268**
NNE **94-12 150TH ST** **FINDS** **NYD012420261**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.029 mi. **NY MANIFEST**
155 ft. **Site 29 of 34 in cluster B**

Relative: **Lower**
Actual: **37 ft.**

RCRA-VSQG:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	QUEENS INDUSTRIAL ELEC
Facility address:	94-12 150TH ST JAMAICA, NY 11435-4599
EPA ID:	NYD012420261
Mailing address:	150TH ST JAMAICA, NY 11435
Contact:	Not reported
Contact address:	150TH ST JAMAICA, NY 11435
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

QUEENS INDUSTRIAL ELEC (Continued) **1000208268**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	UNKNOWN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	UNKNOWN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2006-01-01 00:00:00.0
Site name:	QUEENS INDUSTRIAL ELEC
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	1999-07-08 00:00:00.0

QUEENS INDUSTRIAL ELEC (Continued) **1000208268**

Site name: QUEENS INDUSTRIAL ELEC
Classification: Not a generator, verified

Date form received by agency: 1989-03-16 00:00:00.0
Site name: QUEENS INDUSTRIAL ELEC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1998-07-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004344326

Environmental Interest/Information System

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

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

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

ECHO:
Envid: 1000208268
Registry ID: 110004344326

QUEENS INDUSTRIAL ELEC (Continued) **1000208268**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004344326

NY MANIFEST:

Name:	QUEENS INDUSTRIAL ELECTRIC
Address:	94-12 150TH ST
City,State,Zip:	JAMAICA, NY 11435-4599
Country:	USA
EPA ID:	NYD012420261
Facility Status:	Not reported
Location Address 1:	94-12 150TH STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD012420261
Mailing Name:	QUEENS INDUSTRIAL ELECTRIC
Mailing Contact:	QUEENS INDUSTRIAL ELECTRIC
Mailing Address 1:	94-12 150TH STREET
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185267198

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	06/09/2015
Trans1 Recv Date:	06/09/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/12/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD012420261
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002182897
TSDF ID 2:	Not reported
Manifest Tracking Number:	004816875SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N

QUEENS INDUSTRIAL ELEC (Continued) **1000208268**

Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	30
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E69 **LOT 4,TAXBLOCK 10028** **NY E DESIGNATION** **S108983633**
West **147-36 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.030 mi.
156 ft. **Site 4 of 10 in cluster E**

Relative: **Higher**
Actual: **39 ft.**

E DESIGNATION:

Name:	LOT 4,TAXBLOCK 10028
Address:	147-36 95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	4
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B70 **LOT 82,TAXBLOCK 10107** **NY E DESIGNATION** **S108983858**
ENE **150-10 BEAVER ROAD** **N/A**
< 1/8 **QUEENS, NY 11433**
0.030 mi.
157 ft. **Site 30 of 34 in cluster B**

Relative: **Lower**
Actual: **35 ft.**

E DESIGNATION:

Name:	LOT 82,TAXBLOCK 10107
Address:	150-10 BEAVER ROAD
City,State,Zip:	QUEENS, NY 11433
Tax Lot(s):	82
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

E71 **SPILL NUMBER 9902985** **NY Spills** **S104649162**
NW **148TH ST BET 94TH & 95T** **N/A**
< 1/8 **QUEENS, NY**
0.030 mi.
159 ft. **Site 5 of 10 in cluster E**

Relative: **Higher**
Actual: **38 ft.**

SPILLS:

Name:	SPILL NUMBER 9902985
Address:	148TH ST BET 94TH & 95T
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9902985 / 1999-06-30
Facility ID:	9902985
Facility Type:	ER
DER Facility ID:	160982
Site ID:	193057
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	D4
SWIS:	4101
Spill Date:	1999-06-15
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1999-06-15
CID:	233
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-15
Spill Record Last Update:	1999-09-01
Spiller Name:	UNKNOWN
Spiller Company:	Unknown

SPILL NUMBER 9902985 (Continued) **S104649162**

Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"CALLER HAS 2 55 GALLON DRUMS THAT HAD AN UNKNOWN MATERIAL IN THEM THE MATERIAL HAS BEEN DISPOSED OF THEY ARE LOOKING INFO ON DISPOSAL OF THE CONTAINERS REQUEST CALL BACK IN AM CALLER LEAVING WORK AT 3PM TODAY"

All Materials:

Site ID:	193057
Operable Unit ID:	1077582
Operable Unit:	01
Material ID:	302913
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

E72 **BETWEEN 94TH & 95TH AV** **NY Spills** **S106002199**
NW **148TH ST BET 94TH & 95TH** **N/A**
< 1/8 **QUEENS, NY**
0.030 mi.
159 ft. **Site 6 of 10 in cluster E**

Relative: **Higher**

Actual: **38 ft.**

SPILLS:

Name:	BETWEEN 94TH & 95TH AV
Address:	148TH ST BET 94TH & 95TH
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0112226 / 2002-05-06
Facility ID:	0112226
Facility Type:	ER
DER Facility ID:	62947
Site ID:	65609
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C3
SWIS:	4101
Spill Date:	2002-03-28
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2002-03-28
CID:	365
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-03-28

BETWEEN 94TH & 95TH AV (Continued) **S106002199**

Spill Record Last Update:	2002-05-09
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT Drum Emptied REF#9930008 PIN#01036"
Remarks:	"3 55 GALLON DRUMS LEFT ON THE SIDE OF THE ROAD LEAKING MOTOR OIL & ANTIFREEZE "

All Materials:

Site ID:	65609
Operable Unit ID:	849181
Operable Unit:	01
Material ID:	526236
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	65609
Operable Unit ID:	849181
Operable Unit:	01
Material ID:	526237
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

E73 **LOT 1,TAXBLOCK 10000** **NY E DESIGNATION** **S108983141**
NW **147-16 94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.031 mi.
162 ft. **Site 7 of 10 in cluster E**

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 10000
Address:	147-16 94 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	1
Tax Block:	10000
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d

LOT 1,TAXBLOCK 10000 (Continued) **S108983141**

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

C74 **CON EDISON** **NY MANIFEST** **S116043779**
ESE **F/O 148-95 LIBERTY AV** **N/A**
< 1/8 **QUEENS, NY 11435**
0.032 mi.
169 ft. **Site 7 of 17 in cluster C**

Relative:
Lower

Actual:
33 ft.

NY MANIFEST:
Name: CON EDISON
Address: F/O 148-95 LIBERTY AV
City,State,Zip: QUEENS, NY 11435
Country: USA
EPA ID: NYP004401519
Facility Status: Not reported
Location Address 1: F/O 148-95 LIBERTY AV
Code: BP
Location Address 2: SB4065
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004401519
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 12/06/2013
Trans1 Recv Date: 12/06/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004401519

CON EDISON (Continued) **S116043779**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002300272GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

C75 **MERIT LIBERTY** **NY UST** **1000263750**
SE **148 LIBERTY AVE** **RCRA NonGen / NLR** **NYD982185431**
< 1/8 **JAMAICA, NY 11435** **US AIRS**
0.034 mi. **FINDS**
179 ft. **Site 8 of 17 in cluster C** **ECHO**
NY MANIFEST

Relative:
Lower

Actual:
34 ft.

UST:

Name:	SPEEDWAY # 7826
Address:	148-27 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-297518 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	09/30/2019
UTM X:	601102.24952
UTM Y:	4505844.43982
Site Type:	Retail Gasoline Sales

MERIT LIBERTY (Continued) **1000263750**

Affiliation Records:

Site Id:	13742
Affiliation Type:	Mail Contact
Company Name:	SPEEDWAY LLC
Contact Type:	MANAGER, ENVIRON. REMEDIATION
Contact Name:	BRANDIE LEHMAN
Address1:	500 SPEEDWAY DRIVE
Address2:	Not reported
City:	ENON
State:	OH
Zip Code:	45323
Country Code:	001
Phone:	(937) 863-7071
EMail:	BKLEHMAN@SPEEDWAY.COM
Fax Number:	Not reported
Modified By:	MJRICE
Date Last Modified:	2019-03-29

Site Id:	13742
Affiliation Type:	Emergency Contact
Company Name:	SPEEDWAY LLC
Contact Type:	Not reported
Contact Name:	BRANDIE LEHMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(937) 863-7071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MJRICE
Date Last Modified:	2019-03-29

Site Id:	13742
Affiliation Type:	Facility Owner
Company Name:	SPEEDWAY LLC
Contact Type:	SUPERVISOR, ENVIRONMENTAL COMPLIANCE ATLANTIC
Contact Name:	BRANDIE LEHMAN
Address1:	500 SPEEDWAY DR
Address2:	Not reported
City:	ENON
State:	OH
Zip Code:	45323
Country Code:	001
Phone:	(937) 863-7071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-06-12

Site Id:	13742
Affiliation Type:	Facility Operator
Company Name:	SPEEDWAY # 7826
Contact Type:	Not reported
Contact Name:	BRANDIE LEHMAN

MERIT LIBERTY (Continued) **1000263750**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(585) 349-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MJRICE
Date Last Modified:	2019-03-29

Tank Info:

Tank Number:	009
Tank ID:	46892
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	010
Tank ID:	46893
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009

MERIT LIBERTY (Continued) **1000263750**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 011
Tank ID: 46894
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 012
Tank ID: 46895
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

MERIT LIBERTY (Continued) **1000263750**

Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	013
Tank ID:	46896
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

MERIT LIBERTY (Continued) **1000263750**

Tank Number:	014
Tank ID:	46897
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number:	015
Tank ID:	46898
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel

MERIT LIBERTY (Continued) **1000263750**

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	016
Tank ID:	46899
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	017
Tank ID:	46900
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

MERIT LIBERTY (Continued) **1000263750**

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	018
Tank ID:	46901
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	019
Tank ID:	46902
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

MERIT LIBERTY (Continued) **1000263750**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 020
Tank ID: 46903
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 021
Tank ID: 46904
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981

MERIT LIBERTY (Continued) **1000263750**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 022
Tank ID: 46905
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 023

MERIT LIBERTY (Continued) **1000263750**

Tank ID:	46906
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	024
Tank ID:	46907
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

MERIT LIBERTY (Continued) **1000263750**

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 025
Tank ID: 46909
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 026
Tank ID: 46910
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

MERIT LIBERTY (Continued) **1000263750**

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 027
Tank ID: 46911
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 028
Tank ID: 46912
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

MERIT LIBERTY (Continued) **1000263750**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 029
Tank ID: 46908
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 030
Tank ID: 46913
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground

MERIT LIBERTY (Continued) **1000263750**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 031
Tank ID: 46914
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 032
Tank ID: 46915
Tank Status: Closed - In Place

MERIT LIBERTY (Continued) **1000263750**

Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 033
Tank ID: 46916
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

MERIT LIBERTY (Continued) **1000263750**

J02 - Dispenser - Suction Dispenser

Tank Number: 034
Tank ID: 46917
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 035
Tank ID: 46918
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None

MERIT LIBERTY (Continued) **1000263750**

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	036
Tank ID:	46919
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	037
Tank ID:	46920
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

MERIT LIBERTY (Continued) **1000263750**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 038
Tank ID: 46921
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 039
Tank ID: 46922
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

MERIT LIBERTY (Continued) **1000263750**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 040
Tank ID: 46923
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 041
Tank ID: 46924
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

MERIT LIBERTY (Continued) **1000263750**

Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 042
Tank ID: 46925
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 11/01/1981
Date Tank Closed: 11/01/1981
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

MERIT LIBERTY (Continued) **1000263750**

Tank Number:	043
Tank ID:	46926
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number:	044
Tank ID:	46927
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	11/01/1981
Date Tank Closed:	11/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

MERIT LIBERTY (Continued) **1000263750**

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	1
Tank ID:	51468
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	09/01/1996
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	03
Date Test:	11/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KRKEARNE
Last Modified:	09/25/2018

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	2
Tank ID:	51469
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	09/01/1996
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	03
Date Test:	11/01/1996
Next Test Date:	Not reported

MERIT LIBERTY (Continued) **1000263750**

Pipe Model: Not reported
Modified By: KRKEARNE
Last Modified: 09/25/2018

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 3
Tank ID: 51470
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 03
Date Test: 11/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KRKEARNE
Last Modified: 09/25/2018

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

MERIT LIBERTY (Continued) **1000263750**

Tank Number:	37
Tank ID:	15726
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	04/01/1982
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	20
Date Test:	06/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H99 - Tank Leak Detection - Other

Tank Number:	38
Tank ID:	15727
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	04/01/1982
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	20
Date Test:	06/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

MERIT LIBERTY (Continued) **1000263750**

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number:	39
Tank ID:	15728
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	04/01/1982
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	20
Date Test:	06/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	4
Tank ID:	51471
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	09/01/1996
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	03
Date Test:	11/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KRKEARNE
Last Modified:	09/25/2018

MERIT LIBERTY (Continued) **1000263750**

Equipment Records:

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	40
Tank ID:	15729
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	04/01/1982
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	20
Date Test:	06/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	41
Tank ID:	15730
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	04/01/1982
Date Tank Closed:	08/01/1996
Registered:	True

MERIT LIBERTY (Continued) **1000263750**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 06/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 42
Tank ID: 15731
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 04/01/1982
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 06/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 43
Tank ID: 15732

MERIT LIBERTY (Continued) **1000263750**

Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1965
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	20
Date Test:	06/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None

Tank Number:	44
Tank ID:	46891
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	01/01/1965
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	01
Date Test:	06/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
J00 - Dispenser - None
I00 - Overfill - None
H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground

MERIT LIBERTY (Continued) **1000263750**

G00 - Tank Secondary Containment - None

Tank Number: 5
Tank ID: 51472
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 03
Date Test: 11/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KRKEARNE
Last Modified: 09/25/2018

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 6
Tank ID: 51473
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 600
Install Date: 09/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KRKEARNE
Last Modified: 09/25/2018

MERIT LIBERTY (Continued) **1000263750**

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	MERIT OIL CORP
Facility address:	148 LIBERTY AVE JAMAICA, NY 11435
EPA ID:	NYD982185431
Mailing address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact:	Not reported
Contact address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

MERIT LIBERTY (Continued) **1000263750**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 1987-05-11 00:00:00.0
Site name: MERIT OIL CORP
Classification: Large Quantity Generator

Violation Status: No violations found

US AIRS MINOR:
Envid: 1000263750
Region Code: 02
Programmatic ID: AIR NY0000002630700188
Facility Registry ID: 110004415776
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002630700188
Facility Registry ID: 110004415776
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-05-03 00:00:00

MERIT LIBERTY (Continued) **1000263750**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110004415776

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

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

ECHO:

Envid: 1000263750
Registry ID: 110004415776
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004415776

NY MANIFEST:

Name: MERIT OIL CORPORATION
Address: 148 LIBERTY AVE
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYD982185431
Facility Status: Not reported
Location Address 1: 148 LIBERTY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported

MERIT LIBERTY (Continued) **1000263750**

Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD982185431
Mailing Name:	MERIT OIL CORPORATION
Mailing Contact:	VINCENT MENZA
Mailing Address 1:	148 LIBERTY AVENUE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	6109266915

NY MANIFEST:

Document ID:	NYB8311653
Manifest Status:	C
seq:	Not reported
Year:	1996
Trans1 State ID:	PD9938
Trans2 State ID:	Not reported
Generator Ship Date:	12/02/1996
Trans1 Recv Date:	12/02/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/02/1996
Part A Recv Date:	01/16/1997
Part B Recv Date:	12/19/1996
Generator EPA ID:	NYD982185431
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD082785429
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00490
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	009

MERIT LIBERTY (Continued) **1000263750**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

C76 **HESS/MERIT STATION 32521** **NY LTANKS** **S104514369**
SE **148-27 LIBERTY AVENUE** **NY Spills** **N/A**
< 1/8 **JAMAICA, NY**
0.034 mi.
179 ft. **Site 9 of 17 in cluster C**

Relative:
Lower

Actual:
34 ft.

LTANKS:
Name: MERIT GAS STATION
Address: 148-27 LIBERTY AVENUE
City,State,Zip: JAMAICA, NY
Spill Number/Closed Date: 9600085 / 1996-04-02
Facility ID: 9600085
Site ID: 195422
Spill Date: 1996-04-02
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1996-04-02
CID: 297
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-04-02
Spill Record Last Update: 1996-04-16
Spiller Name: ANDY FORD
Spiller Company: MERIT GAS
Spiller Address: 551 WEST LANCASTER AV
Spiller County: 001
Spiller Contact: JERRY KASPER
Spiller Phone: (215) 646-3161
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 233431
DEC Memo: ""
Remarks: "THE TANK IS EMPTY"

All TTF:
Facility ID: 9600085
Spill Number: 9600085
Spill Tank Test: 1544455
Site ID: 195422
Tank Number: Not reported

HESS/MERIT STATION 32521 (Continued) **S104514369**

Tank Size:	550
Material:	0060A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	195422
Operable Unit ID:	1027784
Operable Unit:	01
Material ID:	353483
Material Code:	0060A
Material Name:	wastewater
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	HESS/MERIT STATION 32521
Address:	148-27 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9606415 / 2007-01-17
Facility ID:	9606415
Facility Type:	ER
DER Facility ID:	233431
Site ID:	288182
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	B3
SWIS:	4101
Spill Date:	1996-08-19
Investigator:	skcarlso
Referred To:	NFA 1-17-07
Reported to Dept:	1996-08-19
CID:	266
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	2004-03-16
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-08-19

HESS/MERIT STATION 32521 (Continued) **S104514369**

Spill Record Last Update:	2007-01-17
Spiller Name:	Not reported
Spiller Company:	MERIT CORPORATION
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 12/10/2003 Reassigned from O'Dowd to Sun. 1/12/2004-Sun-File Review by Sun: Update Report covering May 2003 through August 2003, by EnviroTrac, October 10, 2003: Tri-annual groundwater sampling of nine (9) monitoring wells (MWs) at this site was conducted on August 20, 2003. No liquid-phase hydrocarbons (LPH) was encountered. Depth to water table ranged from 15.74 to 17.79 ft. below casing. The flow direction is toward southwest (historical). The higghest concentration of BTES is at MW-1, which has 8,600 ppb. MW-7 has the highest MTBE at 810 ppb. 1/12/2004- Joe Sun sent a letter and Stipulation Agreement, datedd 1/12/2004 to Michael Matri of Hess Corporation. The letter approves the Remedial Action Plan using a combined VES/AS system, prepared by EnviroTrac, dated February 2000. The Department set a deadline of February 2, 2004 for signing of the Stipulation Agreement by the Respondent. 10/28/05: Reviewed triannual monitoring report dated 5/5/05. SVE/AS system in use and site is almost cleaned up. 2/2/06: Reviewed the update report for August - December 2005. SVE/AS system shutdown. A sensitive receptor survey will be prepared. Max BTEX 373 ppb (MW-1), max MTBE 6.5 ppb (MW-5). 1/26/06: 1/15/06 meeting between Quantum, NYSDEC, and ET. A sensitive receptor survey will be performed and site closure considered. 4/4/06: Sensitive receptor survey received. The site is approximately 0.60 miles from a Jamaica Water Supply well. 4/28/06: Approved removal of SVE system. 7/5/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac and GSC. Approved removal of MW3 and MW6 from sampling. Closure will be reconsidered after another quarter of monitoring. 8/4/06: Reviewed the second triannual 2006 update report. Max BTEX 937ppb (MW8), MTBE ND in all wells. ORM socks will be installed in MW1,8. MW5 approved for removal from sampling. 11/15/06: Reviewed the triannual report dated November 8, 2006. Wells sampled on September 25, 2006. Large decrease in contaminant concentrations. Closure request denied, continue monitoring for rebounding. MW 2 and MW9 approved for removal from sampling. 1/12/07: Received Sensitive Receptor Survey and update report. Wells sampled on 12/1/06. Max BTEX 536 ppb (MW8), max MTBE 2.5 ppb (MW1). Benzene ND. Three inactive Jamaica Water Supply Wells located within 1 mile. Toxics targeting identified three wells within 0.25 mile. The site is located in a commercial district. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC. NFA issued."
Remarks:	"TANK REMOVAL. APPROXIMATELY 10 YARDS OF SOIL SO FAR. FURTHER TO FOLLOW."

All Materials:

Site ID:	288182
Operable Unit ID:	1034220
Operable Unit:	01
Material ID:	345671
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

HESS/MERIT STATION 32521 (Continued) **S104514369**

Units: G
Recovered: .00
Oxygenate: Not reported

C77 **SPEEDWAY 7826** **RCRA-VSQG** **1019909596**
SE **14827 LIBERTY AVE** **FINDS** **NYR000229674**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.034 mi.
179 ft. **Site 10 of 17 in cluster C**

Relative:
Lower

Actual:
34 ft.

RCRA-VSQG:
Date form received by agency: 2016-09-21 00:00:00.0
Facility name: SPEEDWAY 7826
Facility address: 14827 LIBERTY AVE
JAMAICA, NY 11435-4718
EPA ID: NYR000229674
Mailing address: PO BOX 1500
SPRINGFIELD, OH 45501-1500
Contact: CHARLES A BESSE
Contact address: PO BOX 1500
SPRINGFIELD, OH 45501-1500
Contact country: US
Contact telephone: 937-863-6272
Contact email: CABESSE@SPEEDWAY.COM
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: SPEEDWAY LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2014-10-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: SPEEDWAY LLC

SPEEDWAY 7826 (Continued) **1019909596**

Owner/operator address: PO BOX 1500
SPRINGFIELD, OH 45501
Owner/operator country: US
Owner/operator telephone: 937-864-3000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2014-10-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110070122133

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

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

ECHO:

SPEEDWAY 7826 (Continued) **1019909596**

Envid: 1019909596
Registry ID: 110070122133
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070122133

C78 **HESS STATION** **NY Spills** **S106001091**
SE **148-27 LIBERTY AV** **N/A**
< 1/8 **QUEENS, NY**
0.034 mi.
179 ft. **Site 11 of 17 in cluster C**

Relative: **Lower**
Actual: **34 ft.**

SPILLS:

Name:	HESS STATION
Address:	148-27 LIBERTY AV
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0110825 / 2002-02-13
Facility ID:	0110825
Facility Type:	ER
DER Facility ID:	280140
Site ID:	195421
DEC Region:	2
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	4101
Spill Date:	2002-02-12
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2002-02-12
CID:	390
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-02-12
Spill Record Last Update:	2002-03-05
Spiller Name:	Not reported
Spiller Company:	HESS STATION
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	UNK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 2/12/02 TJD Truck saddle tank punctured in gas station parking lot causing release of approximately 25 gallons of diesel onto concrete pad. Drain/catch basin on Hess property had minor impacts. Absorbents used for cleanup. Reinspected on 2/13, no further action required. Station Manager Manuel Catero 718 526 9443 Truck owner Unity Trucking 110-09 175th Street Queens 347 613 8525 Driver/company owner Jesus Gomez same address and phone #"
Remarks:	"car hit tank off truck - f.d. on scene - 5-10 gals went into sewer - speedy dry is being put down"

All Materials:

Site ID:	195421
Operable Unit ID:	849302

HESS STATION (Continued) **S106001091**

Operable Unit:	01
Material ID:	528430
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B79 **LOT 84,TAXBLOCK 10107** **NY E DESIGNATION** **S108983866**
ENE **150-14 BEAVER ROAD** **N/A**
< 1/8 **QUEENS, NY 11433**
0.034 mi.
182 ft. **Site 31 of 34 in cluster B**

Relative: **Lower**
Actual: **35 ft.**

E DESIGNATION:

Name:	LOT 84,TAXBLOCK 10107
Address:	150-14 BEAVER ROAD
City,State,Zip:	QUEENS, NY 11433
Tax Lot(s):	84
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

C80 **LIBERTY AUTO PARTS INC.** **NY SWF/LF** **S108146130**
ESE **97-09 150TH STREET** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.035 mi.
183 ft. **Site 12 of 17 in cluster C**

Relative: **Lower**
Actual: **33 ft.**

SWF/LF:

Name:	LIBERTY AUTO PARTS INC.
Address:	97-09 150TH STREET
City,State,Zip:	JAMAICA, NY 11435
Flag:	INACTIVE
Region Code:	2
Phone Number:	7186588500
Owner Name:	Liberty Auto Parts Inc
Owner Type:	Private
Owner Address:	150-05 Liberty Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11435
Owner Email:	Not reported
Owner Phone:	7186588500
Contact Name:	John Agnello

LIBERTY AUTO PARTS INC. (Continued) **S108146130**

Contact Address:	6 Birch Hill Court
Contact Addr2:	Not reported
Contact City,St,Zip:	Old Westbury, NY 11568
Contact Email:	Libauto29@yahoo.com
Contact Phone:	7186588500
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7105134]
Active:	No
East Coordinate:	601175
North Coordinate:	4505978
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Liberty Auto Parts Inc
Operator Type:	Private
Laste Date:	Not reported

Name:	SOUTH SIDE AUTO PARTS INC
Address:	97-09 150TH STREET
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	601150
North Coordinate:	4505970
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

C81 **LOT 71,TAXBLOCK 10107** **NY E DESIGNATION** **S108983823**
East **95-35 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.035 mi.
185 ft. **Site 13 of 17 in cluster C**

Relative: **Lower**
Actual: **33 ft.**

E DESIGNATION:

Name:	LOT 71,TAXBLOCK 10107
Address:	95-35 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	71
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B82 **LOT 73,TAXBLOCK 10107** **NY E DESIGNATION** **S108983828**
East **95-33 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.037 mi.
195 ft. **Site 32 of 34 in cluster B**

Relative: **Lower**
Actual: **34 ft.**

E DESIGNATION:

Name:	LOT 73,TAXBLOCK 10107
Address:	95-33 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	73
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

E83 **LOT 2,TAXBLOCK 10028** **NY E DESIGNATION** **S108983393**
West **147-30 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.037 mi.
195 ft. **Site 8 of 10 in cluster E**

Relative: **Higher**
Actual: **39 ft.**

E DESIGNATION:

Name:	LOT 2,TAXBLOCK 10028
Address:	147-30 95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	2
Tax Block:	10028

LOT 2,TAXBLOCK 10028 (Continued) **S108983393**

Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

G84 **LOT 34,TAXBLOCK 10028** **NY E DESIGNATION** **S108983587**
WSW **95-19 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.038 mi.
203 ft. **Site 1 of 15 in cluster G**

Relative:
Higher

Actual:
40 ft.

E DESIGNATION:

Name:	LOT 34,TAXBLOCK 10028
Address:	95-19 147 PLACE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	34
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

D85 **LOT 32,TAXBLOCK 10028** **NY E DESIGNATION** **S108983572**
SW **95-23 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.038 mi.
203 ft. **Site 4 of 10 in cluster D**

Relative:
Higher

Actual:
40 ft.

E DESIGNATION:

Name:	LOT 32,TAXBLOCK 10028
Address:	95-23 147 PLACE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	32
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

C86 **MC MANUS BROS SERVICE STATION** **EDR Hist Auto** **1020378554**
ESE **150-05 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.039 mi.
204 ft. **Site 14 of 17 in cluster C**

Relative: EDR Hist Auto
Lower

Actual:
33 ft.

Year:	Name:	Type:
1969	MC MANUS BROS SERVICE STATION	Gasoline Service Stations
1970	MC MANUS BROS SERVICE STATION	Gasoline Service Stations
1971	MC MANUS BROS SERVICE STATION	Gasoline Service Stations
1972	MC MANUS BROS SERVICE STATION	Gasoline Service Stations
1973	MC MANUS BROS SERVICE STATION	Gasoline Service Stations
1974	MC MANUS BROS SERVICE STATION	Gasoline Service Stations
1975	MC MANUS BROS SERVICE STATION	Gasoline Service Stations

D87 **LOT 31,TAXBLOCK 10028** **NY E DESIGNATION** **S108983557**
SW **95-25 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.039 mi.
206 ft. **Site 5 of 10 in cluster D**

Relative: E DESIGNATION:
Higher

Actual:
39 ft.

Name:	LOT 31,TAXBLOCK 10028
Address:	95-25 147 PLACE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	31
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B88 **LOT 167,TAXBLOCK 10107** **NY E DESIGNATION** **S108983346**
ENE **150 STREET** **N/A**
< 1/8 **QUEENS, NY 0**
0.039 mi.
207 ft. **Site 33 of 34 in cluster B**

Relative: E DESIGNATION:
Lower

Actual:
34 ft.

Name:	LOT 167,TAXBLOCK 10107
Address:	150 STREET
City,State,Zip:	QUEENS, NY 0
Tax Lot(s):	167
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ

LOT 167,TAXBLOCK 10107 (Continued) **S108983346**

Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

B89 **LOT 86,TAXBLOCK 10107** **NY E DESIGNATION** **S108983869**
NE **150-20 BEAVER ROAD** **N/A**
< 1/8 **QUEENS, NY 11433**
0.040 mi.
211 ft. **Site 34 of 34 in cluster B**

Relative: **Lower**
Actual: **35 ft.**

E DESIGNATION:
Name: LOT 86,TAXBLOCK 10107
Address: 150-20 BEAVER ROAD
City,State,Zip: QUEENS, NY 11433
Tax Lot(s): 86
Tax Block: 10107
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

E90 **LOT 5,TAXBLOCK 10000** **NY E DESIGNATION** **S108983694**
NNW **148-12 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.040 mi.
211 ft. **Site 9 of 10 in cluster E**

Relative: **Higher**
Actual: **38 ft.**

E DESIGNATION:
Name: LOT 5,TAXBLOCK 10000
Address: 148-12 95 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 5
Tax Block: 10000
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

H91 **LUCKY AUTO BODY** **NY Spills** **S104195801**
SE **148-21 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.040 mi.
212 ft. **Site 1 of 8 in cluster H**

Relative:
Lower

Actual:
34 ft.

SPILLS:

Name:	LUCKY AUTO BODY
Address:	148-21 LIBERTY AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9907947 / 1999-09-30
Facility ID:	9907947
Facility Type:	ER
DER Facility ID:	69534
Site ID:	73999
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-09-30
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1999-09-30
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-09-30
Spill Record Last Update:	1999-09-30
Spiller Name:	CARLOS ARROYO
Spiller Company:	LUCKY AUTO BODY
Spiller Address:	148-21 LIBERTY AVE
Spiller Company:	001
Contact Name:	CARLOS ARROYO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT SPOKE TO J. FRITZ: WASHED DOWN THE ROAD NO ATTEMPT TO PICKUP BLDG. IN THE MIDDLE OF THE BLOCK, SUBSTANCE MOVING ALONG SIDE OF CURB TO CATCH BASIN. FAXED TO DEP- ECS."
Remarks:	"WORKER WAS CLEANING OUT 5 GAL CONTAINER AND ALLOWING MATERIAL TO GO INTO ROAD-SUBJ WAS ISSUED SUMMONS-CLEANUP PENDING. "

All Materials:

Site ID:	73999
Operable Unit ID:	1086607
Operable Unit:	01
Material ID:	300630
Material Code:	0056A
Material Name:	paint thinners
Case No.:	Not reported
Material FA:	Other
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F92 **550 UST** **NY Spills** **S113915922**
NNE **94-12 150TH STREET** **N/A**
< 1/8 **JAIMAICA, NY**
0.043 mi.
228 ft. **Site 2 of 4 in cluster F**

Relative:
Lower

Actual:
37 ft.

SPILLS:

Name:	550 UST
Address:	94-12 150TH STREET
City,State,Zip:	JAIMAICA, NY
Spill Number/Closed Date:	1306143 / 2015-08-28
Facility ID:	1306143
Facility Type:	ER
DER Facility ID:	441838
Site ID:	486736
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	4101
Spill Date:	2013-09-11
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2013-09-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-09-11
Spill Record Last Update:	2015-08-28
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	WILLIAM KLEIN
DEC Memo:	"tank is going to be abandoned. 550 ust. Contaminated soil abovve tank are contaminated. Samples will be taken through tank. Bill will ocntact when smaples received. 8/28/15- left message with office for Bill to email closure report. DEC received email with closure report. Based on work to date ,this spill is closed. report is in dec docs. "
Remarks:	"clean up underway"

All Materials:

Site ID:	486736
Operable Unit ID:	1236384
Operable Unit:	01
Material ID:	2235766
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

I93 **GREEN ENERGY RECYCLING INC** **RCRA NonGen / NLR** **1014399651**
NNE **94-15 150TH ST** **NYR000177402**
< 1/8 **JAMAICA, NY 11435**
0.044 mi.
231 ft. **Site 1 of 9 in cluster I**

Relative:
Lower

Actual:
37 ft.

RCRA NonGen / NLR:

Date form received by agency:	2010-08-06 00:00:00.0
Facility name:	GREEN ENERGY RECYCLING INC
Facility address:	94-15 150TH ST JAMAICA, NY 11435
EPA ID:	NYR000177402
Mailing address:	150TH ST JAMAICA, NY 11435
Contact:	ARCADI MARCOVICH
Contact address:	214TH ST QUEENS VILLAGE, NY 11427
Contact country:	US
Contact telephone:	718-757-5200
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ARCADI MARCOVICH
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2000-01-17 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	YM HOLDING INC
Owner/operator address:	150TH ST JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-441-0200
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2000-01-17 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

GREEN ENERGY RECYCLING INC (Continued) **1014399651**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	Yes
Used oil transporter:	Yes

Violation Status: No violations found

H94 **GLOBE PLATING CO INC** **RCRA NonGen / NLR** **1000162192**
SSE **148-19 LIBERTY AVE** **FINDS** **NYD042039420**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.044 mi. **NY MANIFEST**
231 ft. **Site 2 of 8 in cluster H**

Relative: **Lower**
Actual: **35 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	GLOBE PLATING CO INC
Facility address:	148-19 LIBERTY AVE JAMAICA, NY 11435-4718
EPA ID:	NYD042039420
Mailing address:	LIBERTY AVE JAMAICA, NY 11435
Contact:	Not reported
Contact address:	LIBERTY AVE JAMAICA, NY 11435
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GLOBE PLATING CO INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GLOBE PLATING CO INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

GLOBE PLATING CO INC (Continued) **1000162192**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: GLOBE PLATING CO INC
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: GLOBE PLATING CO INC
Classification: Not a generator, verified

Date form received by agency: 1981-01-13 00:00:00.0
Site name: GLOBE PLATING CO INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P121

GLOBE PLATING CO INC (Continued) **1000162192**

. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1987-08-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001580851

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

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

ECHO:
Envid: 1000162192
Registry ID: 110001580851
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001580851

NY MANIFEST:
Name: GLOBE PLATING
Address: 148-19 LIBERTY AVE
City,State,Zip: JAMAICA, NY 11435-4718
Country: USA
EPA ID: NYD042039420
Facility Status: Not reported
Location Address 1: 148-19 LIBERTY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD042039420
Mailing Name: GLOBE PLATING
Mailing Contact: GLOBE PLATING
Mailing Address 1: 148-19 LIBERTY AVENUE
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11435

GLOBE PLATING CO INC (Continued) **1000162192**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182973333

NY MANIFEST:

Document ID:	NYA6272712
Manifest Status:	C
seq:	Not reported
Year:	1987
Trans1 State ID:	Not reported
Trans2 State ID:	57745GB
Generator Ship Date:	09/02/1987
Trans1 Recv Date:	09/03/1987
Trans2 Recv Date:	/ /
TSD Site Recv Date:	09/02/1987
Part A Recv Date:	09/09/1987
Part B Recv Date:	09/22/1987
Generator EPA ID:	NYD042039420
Trans1 EPA ID:	NYD000824334
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000824334
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

H95 **148-19 LIBERTY AVENUE CORP** **NY UST** **U002258442**
SSE **148-19 LIBERTY AVENUE** **N/A**
< 1/8 **NEW YORK, NY 11435**
0.044 mi.
231 ft. **Site 3 of 8 in cluster H**

Relative:
Lower

Actual:
35 ft.

UST:

Name:	148-19 LIBERTY AVENUE CORP
Address:	148-19 LIBERTY AVENUE
City,State,Zip:	NEW YORK, NY 11435
Id/Status:	2-335738 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	11/16/1997
UTM X:	601102.08017
UTM Y:	4505831.77647
Site Type:	Unknown

Affiliation Records:

Site Id:	16022
Affiliation Type:	Facility Owner
Company Name:	SONYA CORNELL
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16032 LOMOND HILLS TRAIL #175
Address2:	Not reported
City:	DELRAY BEACH
State:	FL
Zip Code:	33446
Country Code:	001
Phone:	(305) 496-1969
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-02-18

Site Id:	16022
Affiliation Type:	Mail Contact
Company Name:	148-19 LIBERTY AVE
Contact Type:	Not reported
Contact Name:	MANAGER
Address1:	148-19 LIBERTY AVE
Address2:	Not reported
City:	QUEENS
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(305) 496-1969
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16022
Affiliation Type:	Facility Operator
Company Name:	148-19 LIBERTY AVENUE CORP
Contact Type:	Not reported
Contact Name:	CORNELL CREATIONS
Address1:	Not reported

148-19 LIBERTY AVENUE CORP (Continued) **U002258442**

Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(407) 496-1969
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-02-18

Site Id:	16022
Affiliation Type:	Emergency Contact
Company Name:	SONYA CORNELL
Contact Type:	Not reported
Contact Name:	CORNELL CREATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 796-9351
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-02-18

Tank Info:

Tank Number:	001
Tank ID:	21000
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	05/04/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

148-19 LIBERTY AVENUE CORP (Continued) **U002258442**

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

G96 **ATLAS TRANSIT MIX** **NY CBS S104073573**
West **95-11 147 PL** **NY CBS AST N/A**
< 1/8 **JAMAICA, NY 11435**
0.044 mi.
234 ft. **Site 2 of 15 in cluster G**

Relative:
Higher

Actual:
39 ft.

CBS:

Name:	ATLAS TRANSIT MIX
Address:	95-11 147 PL
City,State,Zip:	JAMAICA, NY 11435
CBS Number:	2-000185
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	601027.42235
UTMY:	4505741.38564

CBS AST:

CBS Number:	2-000185
ICS Number:	2-700750
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	D
Telephone:	(718) 523-3000
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	09/22/1997
Total Capacity of All Active Tanks(gal):	0
Operator:	JOHN POLSINELLI
Emergency Contact:	CHARLES LUGINBILL
Emergency Phone:	(201) 933-8800
Owner Name:	SIKA CORPORATION
Owner Address:	201 POLITO AVE.
Owner City,St,Zip:	LYNDHURST, NJ 07071
Owner Telephone:	(201) 933-8800
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	SIKA CORPORATION
Mail Contact Addr:	201 POLITO AVE.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	CHARLES LUGINBILL
Mail Contact City,St,Zip:	LYNDHURST, NJ 07071
Mail Phone:	(201) 933-8800
Tank Id:	01111
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	0
Install Date:	06/87
Tank Closed:	00/00
Capacity (Gal):	300

ATLAS TRANSIT MIX (Continued) **S104073573**

Chemical:	Sodium hydroxide
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	None
Tank Error Status:	No Missing Data
Date Entered:	09/22/1989
Certified Date:	08/31/1995
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Unknown
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	None
Haz Percent:	2
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6301
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	06/07/93
Is It There:	False
Delinquent:	False
Date Expired:	09/22/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	06/06/1997

G97 **LOT 1,TAXBLOCK 10028** **NY E DESIGNATION** **S108983146**
West **95-11 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.044 mi.
234 ft. **Site 3 of 15 in cluster G**

Relative: E DESIGNATION:
Higher

Name:	LOT 1,TAXBLOCK 10028
Address:	95-11 147 PLACE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	1
Tax Block:	10028
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

Actual:
39 ft.

G98 **ATLAS CONCRETE** **NY LTANKS** **U001841363**
West **95-11 147TH PLACE** **NY UST** **N/A**
< 1/8 **JAMAICA, NY 11435** **NY AST**
0.044 mi.
234 ft. **Site 4 of 15 in cluster G**

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	95-11 147TH ST
Address:	95-11 147TH ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9103735 / 1995-05-25
Facility ID:	9103735
Site ID:	215198
Spill Date:	1991-07-08
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	1995-05-25
SWIS:	4101
Investigator:	WILSON
Referred To:	Not reported
Reported to Dept:	1991-07-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-07-09
Spill Record Last Update:	1995-05-25
Spiller Name:	Not reported
Spiller Company:	WHALECO
Spiller Address:	1 COFFEE ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178303
DEC Memo:	""
Remarks:	"DRIVER COULD NOT HEAR VENT ALARM; WILL PICK UP & DISPOSE"

All Materials:

Site ID:	215198
Operable Unit ID:	957696
Operable Unit:	01
Material ID:	422859
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

ATLAS CONCRETE (Continued) **U001841363**

UST:

Name:	ATLAS CONCRETE
Address:	95-11 147TH PLACE
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-600250 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	03/16/2024
UTM X:	600911.80334
UTM Y:	4505985.29232
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	22233
Affiliation Type:	Facility Owner
Company Name:	ATLAS CONCRETE
Contact Type:	VP
Contact Name:	THOMAS POLSINELLI
Address1:	95-11 147TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-10

Site Id:	22233
Affiliation Type:	Mail Contact
Company Name:	ATLAS CONCRETE
Contact Type:	Not reported
Contact Name:	TOM POLSINELLI
Address1:	95-11 147TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-10

Site Id:	22233
Affiliation Type:	Facility Operator
Company Name:	ATLAS CONCRETE
Contact Type:	Not reported
Contact Name:	JOSEPH RUSSO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

ATLAS CONCRETE (Continued) **U001841363**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-05-15

Site Id:	22233
Affiliation Type:	Emergency Contact
Company Name:	TOM POLSINELLI
Contact Type:	Not reported
Contact Name:	THOMAS POLSINELLI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2008-05-15

Tank Info:

Tank Number:	001
Tank ID:	41676
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	09/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	00
Date Test:	09/01/1990
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

ATLAS CONCRETE (Continued) **U001841363**

Tank Number: 002
Tank ID: 41677
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 00
Date Test: 09/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 01
Tank ID: 56252
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 06/01/1999
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D10 - Pipe Type - Copper
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping

ATLAS CONCRETE (Continued) **U001841363**

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass

AST:

Name:	ATLAS CONCRETE
Address:	95-11 147TH PLACE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-600250
Program Type:	PBS
UTM X:	600911.80334
UTM Y:	4505985.29232
Expiration Date:	03/16/2024
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	22233
Affiliation Type:	Facility Owner
Company Name:	ATLAS CONCRETE
Contact Type:	VP
Contact Name:	THOMAS POLSINELLI
Address1:	95-11 147TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-10

Site Id:	22233
Affiliation Type:	Mail Contact
Company Name:	ATLAS CONCRETE
Contact Type:	Not reported
Contact Name:	TOM POLSINELLI
Address1:	95-11 147TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported

ATLAS CONCRETE (Continued) **U001841363**

Modified By:	MSBAPTIS
Date Last Modified:	2014-02-10

Site Id:	22233
Affiliation Type:	Facility Operator
Company Name:	ATLAS CONCRETE
Contact Type:	Not reported
Contact Name:	JOSEPH RUSSO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-05-15

Site Id:	22233
Affiliation Type:	Emergency Contact
Company Name:	TOM POLSINELLI
Contact Type:	Not reported
Contact Name:	THOMAS POLSINELLI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 523-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2008-05-15

Tank Info:

Tank Number:	02
Tank Id:	223078
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None

ATLAS CONCRETE (Continued) **U001841363**

	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	05/15/2008
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/11/2015
Register:	True
Modified By:	TLYE
Last Modified:	04/18/2017
Material Name:	waste oil/used oil
Tank Number:	03
Tank Id:	241057
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	E00 - Piping Secondary Containment - None
	K00 - Spill Prevention - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	L00 - Piping Leak Detection - None
	I04 - Overfill - Product Level Gauge (A/G)
	C01 - Pipe Location - Aboveground
	D10 - Pipe Type - Copper
	H05 - Tank Leak Detection - In-Tank System (ATG)
	F06 - Pipe External Protection - Wrapped
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	09/15/2011
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/11/2015
Register:	True
Modified By:	TLYE
Last Modified:	04/18/2017
Material Name:	#2 fuel oil (on-site consumption)

C99 **FULL SERVICE AUTO REPAIR LLC** **NY AST** **A100307824**
ESE **150-18-30 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.045 mi.
237 ft. **Site 15 of 17 in cluster C**

Relative:
Lower

Actual:
33 ft.

AST:

Name:	FULL SERVICE AUTO REPAIR LLC
Address:	150-18-30 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610613
Program Type:	PBS
UTM X:	601181.56494
UTM Y:	4505909.63701
Expiration Date:	07/19/2017
Site Type:	Other

Affiliation Records:

Site Id:	384560
Affiliation Type:	Facility Owner
Company Name:	ANEEL CHINSAMY
Contact Type:	MGR
Contact Name:	ANEEL CHINSAMY
Address1:	150-18 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 739-8812
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-05-17

Site Id:	384560
Affiliation Type:	Mail Contact
Company Name:	FULL SERVICE AUTO REPAIR LLC
Contact Type:	Not reported
Contact Name:	ANEIL CHINSAMY
Address1:	150-18-30 LIBERTY AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 739-8812
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2007-07-19

Site Id:	384560
Affiliation Type:	Facility Operator
Company Name:	FULL SERVICE AUTO REPAIR LLC
Contact Type:	Not reported
Contact Name:	ANEIL CHINSAMY

FULL SERVICE AUTO REPAIR LLC (Continued) **A100307824**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-8812
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2007-07-19

Site Id:	384560
Affiliation Type:	Emergency Contact
Company Name:	FULL SERVICE AUTO REPAIR LLC
Contact Type:	Not reported
Contact Name:	ANEIL CHINSAMY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-8812
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2007-07-19

Tank Info:

Tank Number:	001
Tank Id:	218456
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/01/2003
Capacity Gallons:	275

FULL SERVICE AUTO REPAIR LLC (Continued) **A100307824**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

C100 **CON EDISON MANHOLE: 19069** **RCRA NonGen / NLR** **1017776068**
ESE **LIBERTY AVE & 150TH ST 46 FEET** **FINDS** **NYP004539177**
< 1/8 **FLUSHING, NY 11367**
0.045 mi.
237 ft. **Site 16 of 17 in cluster C**

Relative:
Lower

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-06-21 00:00:00.0
Facility name:	CON EDISON MANHOLE: 19069
Facility address:	LIBERTY AVE & 150TH ST 46 FEET W OF FLUSHING, NY 11367
EPA ID:	NYP004539177
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-05-21 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Date form received by agency: 2014-05-21 00:00:00.0

CON EDISON MANHOLE: 19069 (Continued) **1017776068**

Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063801925

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

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

F101 **LIBERTY ASHES INC** **NY AST** **A100294822**
NNE **94-02 150TH STREET** **N/A**
< 1/8 **JAMAICA, NY 11432**
0.046 mi.
243 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
38 ft.

AST:
Name: LIBERTY ASHES INC
Address: 94-02 150TH STREET
City,State,Zip: JAMAICA, NY 11432
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-610080
Program Type: PBS
UTM X: 601156.04089
UTM Y: 4506032.91714
Expiration Date: 12/21/2020
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 357148
Affiliation Type: Facility Owner
Company Name: BELLINO REALTY LLC
Contact Type: SUPERVISOR
Contact Name: JEREMY SILVERBERG
Address1: 112 PHYLLIS COURT
Address2: Not reported
City: ELMONT
State: NY
Zip Code: 11003
Country Code: 001
Phone: (516) 354-6583
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-10-21

LIBERTY ASHES INC (Continued) **A100294822**

Site Id:	357148
Affiliation Type:	Mail Contact
Company Name:	LIBERTY ASHES INC.
Contact Type:	Not reported
Contact Name:	STEPHEN BELLINO
Address1:	112 PHYLLIS COURT
Address2:	Not reported
City:	ELMONT
State:	NY
Zip Code:	11003
Country Code:	001
Phone:	(516) 354-6583
EMail:	LIBERTYASHES@AOL.COM
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-10-21

Site Id:	357148
Affiliation Type:	Facility Operator
Company Name:	LIBERTY ASHES INC
Contact Type:	Not reported
Contact Name:	LIBERTY ASHES INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-7224
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-12-21

Site Id:	357148
Affiliation Type:	Emergency Contact
Company Name:	STEPHEN BELLINO
Contact Type:	Not reported
Contact Name:	STEPHEN BELLINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 354-6583
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-12-21

Tank Info:

Tank Number:	1
Tank Id:	209362
Material Code:	0008
Common Name of Substance:	Diesel

LIBERTY ASHES INC (Continued) **A100294822**

Equipment Records:
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2005
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	diesel
Tank Number:	2
Tank Id:	209363
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2005
Capacity Gallons:	275
Tightness Test Method:	NN

LIBERTY ASHES INC (Continued) **A100294822**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	lube oil
Tank Number:	3
Tank Id:	209364
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2005
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	lube oil
Tank Number:	4
Tank Id:	209365
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

LIBERTY ASHES INC (Continued) **A100294822**

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2005
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

C102 **EAST COAST AUTO SALVAGE 2** **NY Spills** **S104789273**
ESE **150-05 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, QUEENS, NY**
0.046 mi.
245 ft. **Site 17 of 17 in cluster C**

Relative: **Lower**
Actual: **32 ft.**

SPILLS:

Name:	EAST COAST AUTO SALVAGE 2
Address:	150-05 LIBERTY AVE
City,State,Zip:	JAMAICA, QUEENS, NY
Spill Number/Closed Date:	0006759 / 2006-03-06
Facility ID:	0006759
Facility Type:	ER
DER Facility ID:	136341
Site ID:	161475
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	B3
SWIS:	4101
Spill Date:	2000-09-06
Investigator:	EGHAUSAM
Referred To:	Not reported
Reported to Dept:	2000-09-07
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-07
Spill Record Last Update:	2006-03-06
Spiller Name:	PAUL SCAGLIONE

EAST COAST AUTO SALVAGE 2 (Continued) **S104789273**

Spiller Company:	EAST COAST AUTO SALVAGE 2
Spiller Address:	150-05 LIBERTY AVE
Spiller Company:	001
Contact Name:	PAUL SCAGLIONE
DEC Memo:	"2/8/06 - Called Paul Scaglione of East Coast Salvage. He no longer operates at 150-05 Liberty but recalls that the NYC DEP had approved backfill following removal of dry well structure and contaminated soil. 2/17/06 - Faxed written request for closure report to Andy Kelly (DEP). 2/27/06 - Received report from DEP which concluded that no discharge of oil to the environment had occurred. Close spill (Hausamann)."
Remarks:	"There is appox 10 foot deep pit in the yard of business which contains oil - caller on site and issued tickets - will return to pump out site"

All Materials:

Site ID:	161475
Operable Unit ID:	829588
Operable Unit:	01
Material ID:	560489
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D103 **LOT 13,TAXBLOCK 10032** **NY E DESIGNATION** **S108983273**
South **97-18 148 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.049 mi.
261 ft. **Site 6 of 10 in cluster D**

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:

Name:	LOT 13,TAXBLOCK 10032
Address:	97-18 148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	13
Tax Block:	10032
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

D104 **LOT 15,TAXBLOCK 10032** **NY E DESIGNATION** **S108983313**
South **148 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.054 mi.
284 ft. **Site 7 of 10 in cluster D**

Relative: **Higher**
Actual: **38 ft.**

E DESIGNATION:

Name:	LOT 15,TAXBLOCK 10032
Address:	148 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	15
Tax Block:	10032
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

I105 **REAR OF PROPERTY - DRUM RUN** **NY Spills** **S118260815**
NE **150-24 BEAVER RD/TUCKERTON ST** **N/A**
< 1/8 **QUEENS, NY**
0.056 mi.
295 ft. **Site 2 of 9 in cluster I**

Relative: **Lower**
Actual: **36 ft.**

SPILLS:

Name:	REAR OF PROPERTY - DRUM RUN
Address:	150-24 BEAVER RD/TUCKERTON ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1505562 / 2015-08-27
Facility ID:	1505562
Facility Type:	ER
DER Facility ID:	467470
Site ID:	512930
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	D3
SWIS:	4101
Spill Date:	2015-08-24
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2015-08-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-08-24

REAR OF PROPERTY - DRUM RUN (Continued) **S118260815**

Spill Record Last Update:	2015-08-27
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	NYC HAZ MAT
DEC Memo:	"8/25/15- not found. spoke with dep. Spill closed."
Remarks:	"5 gal white plastic bucket"

All Materials:

Site ID:	512930
Operable Unit ID:	1262176
Operable Unit:	01
Material ID:	2265679
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

I106 **QUEENS ENFORCEMENT (FORMELY QS 12)** **NY UST U003074838**
NE **150-24 BEAVER ROAD** **NY AST N/A**
< 1/8 **JAMAICA, NY 11435**
0.056 mi.
295 ft. **Site 3 of 9 in cluster I**

Relative: **Lower**

Actual: **36 ft.**

UST:

Name:	QUEENS ENFORCEMENT (FORMELY QS 12)
Address:	150-24 BEAVER ROAD
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-455415 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601158.40251
UTM Y:	4506058.04163
Site Type:	Other

Affiliation Records:

Site Id:	20031
Affiliation Type:	Facility Owner
Company Name:	FRED STARK REALTY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	198-10 JAMAICA AVENUE
Address2:	Not reported
City:	HOLLIS
State:	NY
Zip Code:	11423
Country Code:	001
Phone:	(718) 465-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

Date Last Modified:	2004-03-04
Site Id:	20031
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	CHIEF OF FACILITIES OPERA
Address1:	125 WORTH STREET
Address2:	ROOM 823B
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(212) 788-4077
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	20031
Affiliation Type:	Facility Operator
Company Name:	QUEENS ENFORCEMENT (FORMELY QS 12)
Contact Type:	Not reported
Contact Name:	NYC DEPT OF SANITATION, BCC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-1713
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	20031
Affiliation Type:	Emergency Contact
Company Name:	FRED STARK REALTY
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANING &COLLECTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 566-5196
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	35874

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 12/01/1976
Date Tank Closed: 04/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 35875
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 12/01/1976
Date Tank Closed: 04/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
D00 - Pipe Type - No Piping
B07 - Tank External Protection - Retrofitted Sacrificial Anode

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	003
Tank ID:	35876
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	12/01/1976
Date Tank Closed:	04/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number:	004
Tank ID:	35877
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	04/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
B02 - Tank External Protection - Original Sacrificial Anode
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	005
Tank ID:	35878
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	04/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	006
Tank ID:	35879
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	04/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

AST:

Name: QUEENS ENFORCEMENT (FORMELY QS 12)
Address: 150-24 BEAVER ROAD
City,State,Zip: JAMAICA, NY 11435
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-455415
Program Type: PBS
UTM X: 601158.40251
UTM Y: 4506058.04163
Expiration Date: N/A
Site Type: Other

Affiliation Records:

Site Id: 20031
Affiliation Type: Facility Owner
Company Name: FRED STARK REALTY
Contact Type: Not reported
Contact Name: Not reported
Address1: 198-10 JAMAICA AVENUE
Address2: Not reported
City: HOLLIS
State: NY
Zip Code: 11423
Country Code: 001
Phone: (718) 465-3600
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 20031
Affiliation Type: Mail Contact
Company Name: NYC DEPT. OF SANITATION
Contact Type: Not reported
Contact Name: CHIEF OF FACILITIES OPERA
Address1: 125 WORTH STREET
Address2: ROOM 823B
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

Phone:	(212) 788-4077
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	20031
Affiliation Type:	Facility Operator
Company Name:	QUEENS ENFORCEMENT (FORMELY QS 12)
Contact Type:	Not reported
Contact Name:	NYC DEPT OF SANITATION, BCC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-1713
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	20031
Affiliation Type:	Emergency Contact
Company Name:	FRED STARK REALTY
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANING &COLLECTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 566-5196
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	007
Tank Id:	35880
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

QUEENS ENFORCEMENT (FORMELY QS 12) (Continued) **U003074838**

	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/01/1994
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	lube oil

I107 **DRUM RUN** **NY Spills** **S118705857**
NE **150-24 BEAVER RD** **N/A**
< 1/8 **QUEENS, NY**
0.056 mi.
295 ft. **Site 4 of 9 in cluster I**

Relative: **Lower**
Actual: **36 ft.**

SPILLS:

Name:	DRUM RUN
Address:	150-24 BEAVER RD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1602911 / 2016-07-15
Facility ID:	1602911
Facility Type:	ER
DER Facility ID:	483461
Site ID:	529342
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C2
SWIS:	4101
Spill Date:	2016-06-23
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2016-06-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-06-23
Spill Record Last Update:	2016-07-15
Spiller Name:	Not reported
Spiller Company:	N/A
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	NYC DEP
DEC Memo:	"6/23/2016: Rashad Spill assigned to DEC Piper for Drum Run. 7/15/16-

DRUM RUN (Continued) **S118705857**

DEC Piper- container not found as part of 7/14/16 drum run. Spill closed."
Remarks: "1 gallon plastic container"

All Materials:
Site ID: 529342
Operable Unit ID: 1278173
Operable Unit: 01
Material ID: 2283054
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

H108 **MERIT SERVICE STATION** **NY LTANKS** **S101341091**
SE **148 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.056 mi.
298 ft. **Site 4 of 8 in cluster H**

Relative: LTANKS:
Lower
Actual: Name: MERIT SERVICE STATION
34 ft. Address: 148 LIBERTY AVE
City,State,Zip: JAMAICA, NY
Spill Number/Closed Date: 9409085 / 1995-07-18
Facility ID: 9409085
Site ID: 329799
Spill Date: 1994-10-07
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: C3
Cleanup Ceased: 1995-07-18
SWIS: 4101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1994-10-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-11-02
Spill Record Last Update: 1995-07-18
Spiller Name: Not reported
Spiller Company: MERIT SERVICE STATION
Spiller Address: 148 LIBERTY AVE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

MERIT SERVICE STATION (Continued) **S101341091**

DEC Region: 2
DER Facility ID: 265348
DEC Memo: ""
Remarks: "WILL UNCOVER/INVESTIGATE"

All TTF:
Facility ID: 9409085
Spill Number: 9409085
Spill Tank Test: 1543226
Site ID: 329799
Tank Number: Not reported
Tank Size: 0
Material: 0066A
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 329799
Operable Unit ID: 1006792
Operable Unit: 01
Material ID: 378515
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

G109 **95-04 SUTPHIN BLV/QUEENS** **NY Spills** **S102140920**
West **95-04 SUTPHIN BLVD** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.058 mi.
308 ft. **Site 5 of 15 in cluster G**

Relative:
Higher

Actual:
39 ft.

SPILLS:
Name: 95-04 SUTPHIN BLV/QUEENS
Address: 95-04 SUTPHIN BLVD
City,State,Zip: NEW YORK CITY, NY
Spill Number/Closed Date: 9100098 / 1995-05-25
Facility ID: 9100098
Facility Type: ER
DER Facility ID: 100184
Site ID: 114915
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 4101

95-04 SUTPHIN BLV/QUEENS (Continued) **S102140920**

Spill Date:	1991-04-02
Investigator:	WILSON
Referred To:	Not reported
Reported to Dept:	1991-04-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	1995-05-25
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-04-16
Spill Record Last Update:	1995-05-25
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"TANK VENT PLUGGED,OIL CAME OUT VENT TO CELLAR & OUTSIDE STEPS IN SIDEWALK, SPEEDY DRY WAS APPLIED,SPILL TEAM TO COMPLETE CLEAN UP."

All Materials:

Site ID:	114915
Operable Unit ID:	953620
Operable Unit:	01
Material ID:	426311
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G110 **LOT 8,TAXBLOCK 10027** **NY E DESIGNATION** **S108983840**
West **147-18 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.059 mi.
309 ft. **Site 6 of 15 in cluster G**

Relative:
Higher

Actual:
40 ft.

E DESIGNATION:

Name:	LOT 8,TAXBLOCK 10027
Address:	147-18 95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	8
Tax Block:	10027
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ

LOT 8,TAXBLOCK 10027 (Continued) **S108983840**

Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

I111 **LOT 43,TAXBLOCK 10095** **NY E DESIGNATION** **S108983658**
NNE **94-01 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.059 mi.
309 ft. **Site 5 of 9 in cluster I**

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:
Name: LOT 43,TAXBLOCK 10095
Address: 94-01 150 STREET
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 43
Tax Block: 10095
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

I112 **CONTEMP PROCESSING INC** **NY LTANKS** **U001838358**
NNE **94-01 150TH ST** **NY UST** **N/A**
< 1/8 **JAMAICA, NY 11435** **NY Spills**
0.059 mi.
309 ft. **Site 6 of 9 in cluster I**

Relative:
Higher

Actual:
38 ft.

LTANKS:
Name: SPILL NUMBER 9909545
Address: 94-01 150TH ST
City,State,Zip: JAMAICA, NY
Spill Number/Closed Date: 9909545 / 2003-12-09
Facility ID: 9909545
Site ID: 84431
Spill Date: 1999-11-05
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1999-11-05
CID: 312
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False

CONTEMP PROCESSING INC (Continued) **U001838358**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-11-05
Spill Record Last Update:	2009-05-01
Spiller Name:	Not reported
Spiller Company:	COMPTEMP PROCESSING, INC.
Spiller Address:	94-01 150TH STREET
Spiller County:	001
Spiller Contact:	HERMAN
Spiller Phone:	(718) 523-2470
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	77652
DEC Memo:	"refer to spill #: 0007232."
Remarks:	"WILL UNCOVER AND TEST THE LINES AND RETEST 2-211818 / 002 / 5000 / HORNER EZ CHECK III / FAIL - DEC REP ON SITE"

All TTF:

Facility ID:	9909545
Spill Number:	9909545
Spill Tank Test:	1547816
Site ID:	84431
Tank Number:	001
Tank Size:	5000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

UST:

Name:	CONTEMP PROCESSING INC
Address:	94-01 150TH ST
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-211818 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601089.87086
UTM Y:	4506169.80127
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	7736
Affiliation Type:	Facility Owner
Company Name:	CONTEMP PROCESSING INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	94-01 150TH STREET
Address2:	Not reported

CONTEMP PROCESSING INC (Continued) **U001838358**

City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-2470
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7736
Affiliation Type:	Mail Contact
Company Name:	CONTEMP PROCESSING INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	94-01 150TH ST
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-2470
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7736
Affiliation Type:	Facility Operator
Company Name:	CONTEMP PROCESSING INC
Contact Type:	Not reported
Contact Name:	CONTEMP PROCESSING INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-2470
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7736
Affiliation Type:	Emergency Contact
Company Name:	CONTEMP PROCESSING INC
Contact Type:	Not reported
Contact Name:	CONTEMP PROCESSING INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-2470
EMail:	Not reported

CONTEMP PROCESSING INC (Continued) **U001838358**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	25086
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	03/01/1974
Date Tank Closed:	09/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	16
Date Test:	08/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	002
Tank ID:	25087
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	03/01/1974
Date Tank Closed:	09/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	16
Date Test:	08/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

CONTEMP PROCESSING INC (Continued) **U001838358**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

SPILLS:

Name:	CONTEMP PROCESSING
Address:	94-01 150TH ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0007232 / 2009-05-01
Facility ID:	0007232
Facility Type:	ER
DER Facility ID:	77652
Site ID:	84430
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	2000-09-20
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	2000-09-20
CID:	312
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-20
Spill Record Last Update:	2009-05-01
Spiller Name:	ALBERTO
Spiller Company:	CONTEMP PROCESSING
Spiller Address:	94-01 150TH ST
Spiller Company:	001
Contact Name:	ALBERTO
DEC Memo:	"tanks ordered removed. no evidence that this has happened. Called and researched pertinent phone numbers and companies. Might require a site visit. 4/2/09 - Austin - Transferred from Needs Reassignment to Patel for further work to remediate and close - end 04/22/09-Hiralkumar Patel. visited site. its a Access-A-Ride location. met Joe Lesnick, assistant project manager. he started working in 2006 and doesn't know anything about spill. will call back by 04/27/09 with more info. Professional Transit **tenant at the site** Access-A-Ride 94-01 150th Street Jamaica, NY 11435 contact: Joseph Lesnick Assistant Project Manager Ph. (718) 558-0808 Ext. 120 (917) 337-1466 (C) Fax (718) 558-3972 commercial properties around

CONTEMP PROCESSING INC (Continued) **U001838358**

subject site. 04/28/09-Hiralkumar Patel. received call from Ms. Farrell, property manager. she mentioned that tanks were removed in 2000 and at that time Contemp Processing was the tenant. tanks were owned by property owner. currently no tanks on property. asked Ms. Farrell to look for tanks closure report. mentioned to her that if no reports available, then the department requires soil/groundwater investigation at previous tank location. Fred Stark Estate **property owner** 198-10 Jamaica Ave Hollis, NY 11423 Attn.: Liz Farrell **property manager** Ph. (718) 465-3600 Fax (718) 465-0111 alternate address: 94-02 151 St PBS #: 2-211818. site had two 5,000 gal #2 oil USTs removed in 2000. found old spill cases at the site: spill #: 8701261. case reported due to fire at the site. case closed. spill #: 9909545. case reported due to tank test failure on two 5,000 gal tanks. case reported on 11/05/1999. case closed. 05/01/09-Hiralkumar Patel. sent letter to Ms. Farrell requiring submission of tank closure report or delineation of soil/groundwater contamination and endpoint samples. letter faxed to Ms. Farrell and Ms. Lesnick. after sending letter, while looking for old files, for different case, in box from central office, found tank closure report for this site. abstract of tank closure report: - removed two 5,000 gal USTs - no visible structural defects were noticed in the USTs - removed approx. 200 cubic yard of contaminated soil - no groundwater encountered during tank removal - collected endpoint sidewall and bottom samples - no contamination found in endpoint samples based on tank closure report, case closed. left message for Ms. Farrell to disregard earlier letter and informed her that case has been closed."

Remarks: "LEAKING UST - CONTAMINATED SOIL DISCOVERED WHILE REMOVING THE UST - SOIL BEING STOCKPILED - ANTHONY SIGONA REG #2 ORDERED TANKS REMOVED"

All Materials:

Site ID:	84430
Operable Unit ID:	829952
Operable Unit:	01
Material ID:	548326
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	84430
Operable Unit ID:	829952
Operable Unit:	01
Material ID:	2136997
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name: 94-01 150TH STREET. / QUE

CONTEMP PROCESSING INC (Continued) **U001838358**

Address:	94-01 150TH STREET
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	8701261 / 1987-05-14
Facility ID:	8701261
Facility Type:	ER
DER Facility ID:	173677
Site ID:	209443
DEC Region:	2
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	4101
Spill Date:	1987-05-14
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-05-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	1987-05-14
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1987-05-19
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	CONTEMP PROCESS PLANT
Spiller Address:	SAME
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"PLANT WITH SODIUM CHLORITE INVOLVED IN FIRE.CHLORINE DIOXIDE RELEASEDDURING FIRE , WHICH MAY HAVE IMPACTED FIREMEN."

All Materials:

Site ID:	209443
Operable Unit ID:	905737
Operable Unit:	01
Material ID:	471208
Material Code:	0390A
Material Name:	sodium chlorite
Case No.:	07758192
Material FA:	Other
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

J113 **CON EDISON** **NY MANIFEST** **S116550283**
East **150-19 LIBERTY AVE FRONT OF** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.059 mi.
310 ft. **Site 1 of 11 in cluster J**

Relative:
Lower

Actual:
33 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	150-19 LIBERTY AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11433
Country:	USA
EPA ID:	NYP004486155
Facility Status:	Not reported
Location Address 1:	150-19 LIBERTY AV
Code:	BP
Location Address 2:	SB22441
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11433
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004486155
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/02/2014
Trans1 Recv Date:	04/02/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/04/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004486155
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002361120GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S116550283**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J114 **JAMAICA RADIATOR** **EDR Hist Auto** **1020323198**
East **15019 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.059 mi.
310 ft. **Site 2 of 11 in cluster J**

Relative: EDR Hist Auto
Lower

Actual:
33 ft.

Year:	Name:	Type:
1990	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1991	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1992	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1993	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1994	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1995	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1996	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1997	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1998	JAMAICA RADIATOR	Automotive Transmission Repair Shops
1999	JAMAICA RADIATOR	Automotive Transmission Repair Shops

J115 **CON EDISON** **RCRA NonGen / NLR** **1017771674**
East **150-19 LIBERTY AVE FRONT OF** **NYP004486155**
< 1/8 **JAMAICA, NY 11433**
0.059 mi.
310 ft. **Site 3 of 11 in cluster J**

Relative:
Lower

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-05-02 00:00:00.0
Facility name:	CON EDISON
Site name:	CON EDISON MANHOLE: 22441
Facility address:	150-19 LIBERTY AVE FRONT OF JAMAICA, NY 11433
EPA ID:	NYP004486155
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-04-02 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Date form received by agency:	2014-04-02 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified

Violation Status: No violations found

G116
West
< 1/8
0.059 mi.
311 ft.

MAX'S LUNCHEONETTE
SPUTPHIN BLVD & 95TH ST
QUEENS, NY

Site 7 of 15 in cluster G

NY LTANKS **S102672677**
N/A

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	MAX'S LUNCHEONETTE
Address:	SPUTPHIN BLVD & 95TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9410935 / 1994-11-16
Facility ID:	9410935
Site ID:	142208
Spill Date:	1994-11-16
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1994-11-16
SWIS:	4101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1994-11-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-12-12
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	PURITAN PETRO
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	121391
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD "
Remarks:	"TANK OVERFILLED DURING DELIVERY"

All Materials:

Site ID:	142208
Operable Unit ID:	1004856
Operable Unit:	01
Material ID:	376799
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D117 **97-13 147TH PL/QUEENS** **NY Spills** **S102145103**
SSW **97-13 147TH PLACE** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.061 mi.
320 ft. **Site 8 of 10 in cluster D**

Relative:
Higher

Actual:
39 ft.

SPILLS:

Name:	97-13 147TH PL/QUEENS
Address:	97-13 147TH PLACE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8803968 / 1988-08-05
Facility ID:	8803968
Facility Type:	ER
DER Facility ID:	103134
Site ID:	118690
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	4101
Spill Date:	1988-08-05
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1988-08-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	1988-08-05
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1988-08-22
Spill Record Last Update:	1988-08-22
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN "
Remarks:	"SMALL AMOUNTS OF SUBSTANCE, CAUSING NAUSEA, VOMITTING, BURNING OF LUNGS AND EYES."

All Materials:

Site ID:	118690
Operable Unit ID:	919115
Operable Unit:	01
Material ID:	459488
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

K118 **CON ED** **NY MANIFEST** **S119076951**
ESE **104-03 150TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.062 mi.
330 ft. **Site 1 of 10 in cluster K**

Relative:
Lower

Actual:
31 ft.

NY MANIFEST:

Name:	CON ED
Address:	104-03 150TH AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004817243
Facility Status:	Not reported
Location Address 1:	104-03 150TH STREET
Code:	BP
Location Address 2:	SB 21098
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004817243
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	08/03/2015
Trans1 Recv Date:	08/03/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004817243
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014472651JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON ED (Continued) **S119076951**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K119 **CON EDISON** **NJ MANIFEST** **S120674853**
ESE **104-03 150TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.062 mi.
330 ft. **Site 2 of 10 in cluster K**

Relative: **Lower**
Actual: **31 ft.**

NJ MANIFEST:

EPA Id:	NYP004817243
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014472651JJK
EPA ID:	NYP004817243
Date Shipped:	8/3/2015
TSDF EPA ID:	NJD002200046

CON EDISON (Continued) **S120674853**

Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

K120 **CON EDISON** **RCRA NonGen / NLR** **1019906098**
ESE **104-03 150TH AVE** **FINDS** **NYP004817243**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.062 mi.
330 ft. **Site 3 of 10 in cluster K**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	2015-08-03 00:00:00.0
Facility name:	CON EDISON
Facility address:	104-03 150TH AVE JAMAICA, NY 11435
EPA ID:	NYP004817243
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770

Actual:
31 ft.

CON EDISON (Continued) **1019906098**

Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-08-03 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069703627

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

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

ECHO:
Envid: 1019906098
Registry ID: 110069703627
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069703627

E121
NW
< 1/8
0.063 mi.
331 ft.

LOT 16,TAXBLOCK 9998
94 AVENUE
QUEENS, NY 11435

Site 10 of 10 in cluster E

NY E DESIGNATION

EDR ID Number: S108983343
EPA ID Number: N/A

Relative:
Higher

Actual:
40 ft.

E DESIGNATION:

Name:	LOT 16,TAXBLOCK 9998
Address:	94 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	16
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

I122
NNE
< 1/8
0.063 mi.
333 ft.

CONSOLIDATED EDISON
94TH AVENUE & 150TH ST
QUEENS, NY

Site 7 of 9 in cluster I

NY MANIFEST

EDR ID Number: S110709190
EPA ID Number: N/A

Relative:
Higher

Actual:
38 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	94TH AVENUE & 150TH ST
City,State,Zip:	QUEENS, NY
Country:	USA
EPA ID:	NYP004216577
Facility Status:	Not reported
Location Address 1:	94TH AVENUE & 150TH ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004216577
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

CONSOLIDATED EDISON (Continued) **S110709190**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D123 **147-16 97TH AVENUE** **NY VCP** **S125316847**
SSW **147-16 97TH AVENUE** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.063 mi.
335 ft. **Site 9 of 10 in cluster D**

Relative: **Higher**
Actual: **40 ft.**

VCP NYC:

Project ID:	19TMP1957Q, 19EH-A416Q, 20CVCP012Q
Name:	147-16 97TH AVENUE
Address:	147-16 97TH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

D124 **LOT 7,TAXBLOCK 10031** **NY E DESIGNATION** **S108983807**
SSW **147-16 97 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.063 mi.
335 ft. **Site 10 of 10 in cluster D**

Relative: **Higher**
Actual: **40 ft.**

E DESIGNATION:

Name:	LOT 7,TAXBLOCK 10031
Address:	147-16 97 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	7
Tax Block:	10031
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

G125 **LOT 11,TAXBLOCK 10027** **NY E DESIGNATION** **S108983223**
WSW **95-10 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.064 mi.
336 ft. **Site 8 of 15 in cluster G**

Relative: **Higher**
Actual: **41 ft.**

E DESIGNATION:

Name:	LOT 11,TAXBLOCK 10027
Address:	95-10 147 PLACE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	11
Tax Block:	10027
Borough Code:	QN

LOT 11,TAXBLOCK 10027 (Continued) **S108983223**

E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

G126 **LOT 10,TAXBLOCK 10027** **NY E DESIGNATION** **S108983194**
WSW **95-08 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.064 mi.
336 ft. **Site 9 of 15 in cluster G**

Relative:
Higher

Actual:
41 ft.

E DESIGNATION:
Name: LOT 10,TAXBLOCK 10027
Address: 95-08 147 PLACE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 10
Tax Block: 10027
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

F127 **148-39 94TH AVENUE** **NY VCP** **S125316850**
North **148-39 94TH AVENUE** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.064 mi.
339 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
41 ft.

VCP NYC:
Project ID: 18TMP0925Q, 18EHAZ336Q, 19CVCP024Q, 20TMP0016Q (MERGED)
Name: 148-39 94TH AVENUE
Address: 148-39 94TH AVENUE
City,State,Zip: NEW YORK CITY, NY
Borough: Queens

H128 **NEW YORK CITY AUTO SALVAGE INC** **NY SWF/LF** **S108146025**
SE **148-36 LIBERTY AVE** **NY SPDES** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.065 mi.
342 ft. **Site 5 of 8 in cluster H**

Relative:
Lower

Actual:
33 ft.

SWF/LF:

Name:	NEW YORK CITY AUTO SALVAGE INC
Address:	148-36 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
Flag:	ACTIVE
Region Code:	2
Phone Number:	7182979797
Owner Name:	Vincent Spirito
Owner Type:	Private
Owner Address:	148-36 Liberty Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11435
Owner Email:	Not reported
Owner Phone:	7182979797
Contact Name:	Vincent Spirito
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	buyused150@aim.com
Contact Phone:	7182979797
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7079124]
Active:	Yes
East Coordinate:	601132
North Coordinate:	4505836
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Vincent Spirito
Operator Type:	Private
Laste Date:	Not reported

SPDES:

Name:	NEW YORK CITY AUTO SALVAGE INC
Address:	148-36 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
Permit Number:	NYR00D571
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	Not reported
State Water Body Name:	JAMAICA BAY
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.697 / -73.802
DMR Cognizant Official:	Not reported
UDF2:	Not reported

NEW YORK CITY AUTO SALVAGE INC (Continued) **S108146025**

UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	VINCENT SPIRITO
Non-Gov Permit Street Address:	NYC AUTO PARTS AND GLASS INC
Non-Gov Permit Supplemental Location:	148-36 LIBERTY AVE
Non-Gov Permit City:	JAMAICA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11435
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW YORK CITY AUTO SALVAGE INC
Non-Gov Facility Street Address:	NEW YORK CITY AUTO SALVAGE INC
Non-Gov Facility Supplemental Location:	148-36 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11435
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	NEW YORK CITY AUTO SALVAGE INC
Address:	148-36 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	VINCENT SPIRITO
Non-Gov Permit Street Address:	148-36 LIBERTY AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	JAMAICA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11435
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW YORK CITY AUTO SALVAGE INC
Non-Gov Facility Street Address:	NEW YORK CITY AUTO SALVAGE INC
Non-Gov Facility Supplemental Location:	148-36 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11435
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

NEW YORK CITY AUTO SALVAGE INC (Continued) **S108146025**

Name:	NEW YORK CITY AUTO SALVAGE INC
Address:	148-36 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW YORK CITY AUTO SALVAGE INC
Non-Gov Facility Street Address:	NEW YORK CITY AUTO SALVAGE INC
Non-Gov Facility Supplemental Location:	148-36 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11435
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

H129 **NEW YORK CITY AUTO SALVAGE** **NY AST** **U003396986**
SE **148-36 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.065 mi.
342 ft. **Site 6 of 8 in cluster H**

Relative:
Lower

Actual:
33 ft.

AST:

Name:	NEW YORK CITY AUTO SALVAGE
Address:	148-36 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-603085
Program Type:	PBS
UTM X:	601125.72604
UTM Y:	4505839.09335
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	25039
Affiliation Type:	Facility Owner
Company Name:	VINCENT SPIRITO
Contact Type:	PRESIDENT
Contact Name:	VINCENT SPIRITO
Address1:	148-36 LIBERTY AVE
Address2:	Not reported

NEW YORK CITY AUTO SALVAGE (Continued) **U003396986**

City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	9174) 166-173
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-05-23

Site Id:	25039
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY AUTO SALVAGE
Contact Type:	Not reported
Contact Name:	VINCENT SPIRITO
Address1:	148-36 LIBERTY AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 297-9797
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-05-23

Site Id:	25039
Affiliation Type:	Facility Operator
Company Name:	NEW YORK CITY AUTO SALVAGE
Contact Type:	Not reported
Contact Name:	VINCENT SPIRITO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 297-9797
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-05-23

Site Id:	25039
Affiliation Type:	Emergency Contact
Company Name:	VINCENT SPIRITO
Contact Type:	Not reported
Contact Name:	VINCENT SPIRITO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 416-6173
EMail:	Not reported

NEW YORK CITY AUTO SALVAGE (Continued) **U003396986**

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-05-23

Tank Info:

Tank Number: 001
Tank Id: 52976
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 05/01/1997
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

L130 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100167547**
South **148-19 LIBERTY AVENUE** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.066 mi.
347 ft. **Site 1 of 13 in cluster L**

Relative:
Higher

Actual:
39 ft.

LTANKS:
Name: CLOSED-LACKOF RECENT INFO
Address: 148-19 LIBERTY AVENUE
City,State,Zip: NEW YORK CITY, NY
Spill Number/Closed Date: 8801528 / 2003-03-05
Facility ID: 8801528
Site ID: 192190
Spill Date: 1988-05-19
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101

CLOSED-LACKOF RECENT INFO (Continued) **S100167547**

Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-05-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-05-20
Spill Record Last Update:	2003-03-18
Spiller Name:	Not reported
Spiller Company:	LIBERTY AVENUE CORP
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	160273
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 05/19/88: Repair And Retest, Test The Lines And Possibly Pump Out Tank. 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"5K TANK WITH UNDETERMINED LEAK RATE, COULDN'T STABILIZE, INITIAL SYSTEM HORNER EZY CHECK.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS"

All TTF:

Facility ID:	8801528
Spill Number:	8801528
Spill Tank Test:	1533931
Site ID:	192190
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	192190
Operable Unit ID:	917009
Operable Unit:	01
Material ID:	460670
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100167547**

Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

L131 **LOT 18,TAXBLOCK 10032** **NY E DESIGNATION** **S108983366**
South **147-25 LIBERTY AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.066 mi.
348 ft. **Site 2 of 13 in cluster L**

Relative: E DESIGNATION:
Higher

Name:	LOT 18,TAXBLOCK 10032
Address:	147-25 LIBERTY AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	18
Tax Block:	10032
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

Actual:
38 ft.

M132 **LOT 22,TAXBLOCK 9998** **NY E DESIGNATION** **S108983439**
NW **94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.066 mi.
348 ft. **Site 1 of 10 in cluster M**

Relative: E DESIGNATION:
Higher

Name:	LOT 22,TAXBLOCK 9998
Address:	94 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	22
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported

Actual:
40 ft.

LOT 22,TAXBLOCK 9998 (Continued) **S108983439**

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

I133 **LOT 1,TAXBLOCK 9998** **NY E DESIGNATION** **S108983191**
North **94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.066 mi.
349 ft. **Site 8 of 9 in cluster I**

Relative: E DESIGNATION:
Higher
Name: LOT 1,TAXBLOCK 9998
Actual: Address: 94 AVENUE
39 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 1
Tax Block: 9998
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

M134 **LOT 19,TAXBLOCK 9998** **NY E DESIGNATION** **S108983392**
NW **147-43 94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.068 mi.
357 ft. **Site 2 of 10 in cluster M**

Relative: E DESIGNATION:
Higher
Name: LOT 19,TAXBLOCK 9998
Actual: Address: 147-43 94 AVENUE
42 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 19
Tax Block: 9998
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

N135 **LOT 2,TAXBLOCK 9998** **NY E DESIGNATION** **S108983399**
NNW **148-23 94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.068 mi.
357 ft. **Site 1 of 4 in cluster N**

Relative: **Higher**
Actual: **43 ft.**

E DESIGNATION:

Name:	LOT 2,TAXBLOCK 9998
Address:	148-23 94 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	2
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

N136 **148-23 94TH AVE** **NY Spills** **S102143311**
NNW **148-23 94TH AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.068 mi.
357 ft. **Site 2 of 4 in cluster N**

Relative: **Higher**
Actual: **43 ft.**

SPILLS:

Name:	148-23 94TH AVE
Address:	148-23 94TH AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9207624 / 1996-11-22
Facility ID:	9207624
Facility Type:	ER
DER Facility ID:	257978
Site ID:	320200
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	B3
SWIS:	4101
Spill Date:	1992-09-17
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	1908-10-01
CID:	Not reported
Water Affected:	JAMAICA BAY
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-02
Spill Record Last Update:	2007-04-09
Spiller Name:	Not reported
Spiller Company:	Not reported

148-23 94TH AVE (Continued) **S102143311**

Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "LEAKING DRUMS STORED ON SITE-WASTE OIL FOUND IN STORM DRAIN PIPELINE DURING REPLACEMENT OF SAME UNK CONTRACTOR PUMPED OIL OUT OF DRAIN."

All Materials:
Site ID: 320200
Operable Unit ID: 971266
Operable Unit: 01
Material ID: 408251
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 55.00
Units: G
Recovered: .00
Oxygenate: Not reported

N137 **SANFORD EQUITY** **NY UST** **U001840875**
NNW **148-23 94 AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.068 mi.
357 ft. **Site 3 of 4 in cluster N**

Relative:
Higher

Actual:
43 ft.

UST:
Name: SANFORD EQUITY
Address: 148-23 94 AVE
City,State,Zip: JAMAICA, NY 11435
Id/Status: 2-478059 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 600974.82082
UTM Y: 4506111.05574
Site Type: Unknown

Affiliation Records:
Site Id: 21231
Affiliation Type: Facility Owner
Company Name: SANFORD EQUITY
Contact Type: Not reported
Contact Name: Not reported
Address1: 16 HIGH PINE
Address2: Not reported
City: GLEN COVE
State: NY
Zip Code: 11542
Country Code: 001
Phone: (516) 671-2322
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

SANFORD EQUITY (Continued) **U001840875**

Site Id:	21231
Affiliation Type:	Mail Contact
Company Name:	SANFORD EQUITY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16 HIGH PINE
Address2:	Not reported
City:	GLEN COVE
State:	NY
Zip Code:	11542
Country Code:	001
Phone:	(516) 671-2322
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	21231
Affiliation Type:	Facility Operator
Company Name:	SANFORD EQUITY
Contact Type:	Not reported
Contact Name:	SANFORD EQUITY - JACK TAYNE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 671-2322
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	21231
Affiliation Type:	Emergency Contact
Company Name:	SANFORD EQUITY
Contact Type:	Not reported
Contact Name:	JACK TAYNE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 671-2322
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	41060
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91

SANFORD EQUITY (Continued) **U001840875**

Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	41061
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

SANFORD EQUITY (Continued) **U001840875**

Tank Number: 003
Tank ID: 41062
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 41063
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None

SANFORD EQUITY (Continued) **U001840875**

I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	005
Tank ID:	41064
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

N138 **SANFORD EQUITIES** **RCRA NonGen / NLR** **1000230061**
NNW **148-23 94TH AVE** **FINDS** **NYD986883569**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.068 mi.
357 ft. **Site 4 of 4 in cluster N**

Relative:
Higher

Actual:
43 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	SANFORD EQUITIES
Facility address:	148-23 94TH AVE JAMAICA, NY 11435
EPA ID:	NYD986883569
Mailing address:	94TH AVE JAMAICA, NY 11435
Contact:	Not reported
Contact address:	94TH AVE JAMAICA, NY 11435
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02

SANFORD EQUITIES (Continued) **1000230061**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SANFORD EQUITIES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SANFORD EQUITIES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: SANFORD EQUITIES
Classification: Not a generator, verified

Date form received by agency: 1995-03-17 00:00:00.0
Site name: SANFORD EQUITIES
Classification: Unverified

SANFORD EQUITIES (Continued) **1000230061**

Date form received by agency: 1989-10-24 00:00:00.0
Site name: SANFORD EQUITIES
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004439162

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

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

ECHO:
Envid: 1000230061
Registry ID: 110004439162
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004439162

G139 **LOT 5,TAXBLOCK 10027** **NY E DESIGNATION** **S108983697**
West **147-12 95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.068 mi.
359 ft. **Site 10 of 15 in cluster G**

Relative:
Higher

Actual:
40 ft.

E DESIGNATION:
Name: LOT 5,TAXBLOCK 10027
Address: 147-12 95 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 5
Tax Block: 10027
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

M140 **94TH AVENUE JAMAICA, LLC** **NY UST** **U004257530**
WNW **147-20 94TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.068 mi.
361 ft. **Site 3 of 10 in cluster M**

Relative:
Higher

Actual:
39 ft.

UST:

Name:	94TH AVENUE JAMAICA, LLC
Address:	147-20 94TH AVE
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-612614 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	600925.07765
UTM Y:	4506101.87982
Site Type:	Other

Affiliation Records:

Site Id:	533577
Affiliation Type:	Facility Owner
Company Name:	94TH AVE JAMAICA LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	316 WEST 118TH ST, 3RD FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10026
Country Code:	001
Phone:	(212) 996-5100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-10-14

Site Id:	533577
Affiliation Type:	Mail Contact
Company Name:	94TH AVE JAMAICA LLA
Contact Type:	Not reported
Contact Name:	ROBERT EZRAPOUR
Address1:	316 WEST 118TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10026
Country Code:	001
Phone:	(212) 996-5100
EMail:	BRIAN@ARTIMUSNYC.COM
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-10-14

Site Id:	533577
Affiliation Type:	Facility Operator
Company Name:	94TH AVENUE JAMAICA, LLC
Contact Type:	Not reported
Contact Name:	BRIAN BURWELL
Address1:	Not reported

94TH AVENUE JAMAICA, LLC (Continued) **U004257530**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 834-9381
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-10-14

Site Id:	533577
Affiliation Type:	Emergency Contact
Company Name:	94TH AVE JAMAICA LLC
Contact Type:	Not reported
Contact Name:	BRIAN BURWELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 996-5100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-10-14

Tank Info:

Tank Number:	001
Tank ID:	263489
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/19/2016
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MXLAY
Last Modified:	04/14/2017

Equipment Records:

J00 - Dispenser - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

94TH AVENUE JAMAICA, LLC (Continued) **U004257530**

L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 002
Tank ID: 263490
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 275
Install Date: Not reported
Date Tank Closed: 07/19/2016
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MXLAY
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 003
Tank ID: 263491
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/20/2016
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MXLAY
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

94TH AVENUE JAMAICA, LLC (Continued) **U004257530**

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number:	004
Tank ID:	263492
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/20/2016
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MXLAY
Last Modified:	04/14/2017

Equipment Records:

J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Number:	005
Tank ID:	263493
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/20/2016
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass reinforced plastic [FRP]
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MXLAY

94TH AVENUE JAMAICA, LLC (Continued) **U004257530**

Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

Tank Number: 006
Tank ID: 263495
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/28/2016
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MXLAY
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Number: 007
Tank ID: 263496
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 275
Install Date: Not reported
Date Tank Closed: 07/28/2016
Registered: True
Tank Location: Underground

94TH AVENUE JAMAICA, LLC (Continued) **U004257530**

Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MXLAY
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

M141 **JAMAICA 94TH AVENUE LLC** **NY MANIFEST** **S118954254**
WNW **147-20 94TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.068 mi.
361 ft. **Site 4 of 10 in cluster M**

Relative:
Higher

Actual:
39 ft.

NY MANIFEST:

Name:	JAMAICA 94TH AVENUE LLC
Address:	147-20 94TH AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYR000227504
Facility Status:	Not reported
Location Address 1:	147-20 94TH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000227504
Mailing Name:	JAMAICA 94TH AVENUE LLC
Mailing Contact:	JAMAICA 94TH AVENUE LLC
Mailing Address 1:	316 WEST 118TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10026
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

JAMAICA 94TH AVENUE LLC (Continued) **S118954254**

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2016
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	07/11/2016
Trans1 Recv Date:	07/11/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/11/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000227504
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	015977403JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50820
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D011
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

M142 **JAMAICA 94TH AVENUE LLC** **RCRA NonGen / NLR** **1019326136**
WNW **147-20 94TH AVE** **NYR000227504**
< 1/8 **JAMAICA, NY 11435**
0.068 mi.
361 ft. **Site 5 of 10 in cluster M**

Relative:
Higher

Actual:
39 ft.

RCRA NonGen / NLR:

Date form received by agency:	2017-04-18 00:00:00.0
Facility name:	JAMAICA 94TH AVENUE LLC
Facility address:	147-20 94TH AVE JAMAICA, NY 11435
EPA ID:	NYR000227504
Mailing address:	W 118TH ST NEW YORK, NY 10026
Contact:	ROTEM SHAUBI
Contact address:	W 118TH ST NEW YORK, NY 10026
Contact country:	US
Contact telephone:	212-996-5100
Contact email:	ROTEM@ARTIMUSNYC.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	94TH AVENUE JAMAICA LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2016-01-06 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	94TH AVENUE JAMAICA LLC
Owner/operator address:	W 118TH ST NEW YORK, NY 10026
Owner/operator country:	US
Owner/operator telephone:	212-996-5100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2016-01-06 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	94TH AVENUE JAMAICA LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

JAMAICA 94TH AVENUE LLC (Continued) **1019326136**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2016-01-06 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2016-06-29 00:00:00.0
Site name: JAMAICA 94TH AVENUE LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

M143 **JAMAICA 94TH AVENUE** **NY BROWNFIELDS** **S118628314**
WNW **147-20 94TH AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.068 mi.
361 ft. **Site 6 of 10 in cluster M**

Relative:
Higher

Actual:
39 ft.

BROWNFIELDS:
Name: JAMAICA 94TH AVENUE
Address: 147-20 94TH AVENUE
City,State,Zip: JAMAICA, NY 11435
Program: BCP
Site Code: 524733
Acres: 0.574
HW Code: C241184
SWIS: 4101
Town: New York City
Record Added Date: 03/16/2016
Record Updated Date: 12/16/2016
Update By: SMQUANDT
Site Description: Location: The site is located in an urban area of Jamaica, Queens at the southwestern intersection of 94th Avenue and 148th Street. The approximately 25,000-square foot site is bound to the north by 94th Avenue, followed by industrial uses; to the east by 148th Street,

JAMAICA 94TH AVENUE (Continued) **S118628314**

followed by a vacant lot; and to the south and west by undeveloped lots. Site Features: Currently the site is under construction for residential use as a new, 25-story residential building with a basement, a parking garage, and a residential lobby on the ground level. Current Zoning and Land Use: The site is zoned as C6-4 for commercial use. The surrounding area is largely developed with industrial uses, with some commercial and residential uses. The Long Island Railroad (LIRR) tracks are located approximately 200 feet to the north. Past Use of the Site: The site was historically developed with the following uses: residential (1901 - 1925); cabinet maker (1925); cold storage (1942 - 2006); a private garage and automotive repair with a buried gasoline storage tank (1942 - 1951); a private automotive garage (1925 - 2005); a toy warehouse (1963 - 1967); and an air conditioning manufacturer (1967 - 1996). The eastern warehouse has remained vacant since approximately 2006. Site Geology and Hydrogeology: Surface topography at the site is generally level. The site lies at an elevation of approximately 39 feet above the National Geodetic Vertical Datum (NGVD), which approximates mean sea level (msl). The surrounding area slopes down to the south, toward Jamaica Bay. Groundwater has been encountered at approximately 20 feet below grade and flows to the south. Historic fill materials (including sand, silt, gravel, coal, and brick) was observed from just below the surface to approximately five feet below grade within the soil borings, underlain by apparent native sand, silt, and gravel to approximately 35 feet below grade. Bedrock was not encountered.

Env Problem:	Remediation at the site is complete. Prior to remediation the contaminants of concern included certain metals, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Remedial actions have successfully achieved the residential soil cleanup objectives, which are sufficient for the site s residential use. Endpoint samples collected and analyzed across the site confirmed the success of the remedial action. The site does not require engineering or institutional controls, an environmental easement, or a Site Management Plan.
Health Problem:	Remedial actions are complete and have eliminated potential exposures to site-related contaminants.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-05-17 15:05:00
Record Upd:	2016-11-25 09:41:00
Updated By:	GWBURKE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Queens Central Library
Owner Address:	89-11 Merrick Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11432
Owner Country:	United States of America
Own Op:	Owner

JAMAICA 94TH AVENUE (Continued) **S118628314**

Sub Type:	E
Owner Name:	Ronen Haron
Owner Company:	94th Avenue Jamaica, LLC
Owner Address:	316 West 118th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10026
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Ronen Haron
Owner Company:	94th Avenue Jamaica, LLC
Owner Address:	316 West 118th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10026
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Queens Community Board 12
Owner Address:	90-28 161st Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11432
Owner Country:	United States of America
HW Code:	C241184
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	dichlorodifluoromethane

JAMAICA 94TH AVENUE (Continued) **S118628314**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	benzo[k]fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241184
Waste Type:	trichloromonofluoromethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C241184-05-16
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2016-10-14 16:05:00
Record Updated:	2016-10-14 16:05:00
Updated By:	RJCOZZY
Crossref ID:	2016000123
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2016-10-14 15:48:00
Record Updated:	2016-10-14 15:48:00
Updated By:	RJCOZZY

M144 **LOT 9,TAXBLOCK 9999** **NY E DESIGNATION** **S108983890**
WNW **147-20 94 AVENUE** **N/A**
< 1/8 **QUEENS, NY**
0.068 mi.
361 ft. **Site 7 of 10 in cluster M**

Relative:
Higher

Actual:
39 ft.

E DESIGNATION:

Name:	LOT 9,TAXBLOCK 9999
Address:	147-20 94 AVENUE
City,State,Zip:	QUEENS, NY
Tax Lot(s):	9
Tax Block:	9999
Borough Code:	Not reported
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	4/11/2018
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	4/11/2018
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	4/11/2018

J145 **WELBILT TRANSMISSION INC.** **NY AST** **A100354120**
ESE **150-14 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.070 mi.
367 ft. **Site 4 of 11 in cluster J**

Relative:
Lower

Actual:
31 ft.

AST:

Name:	WELBILT TRANSMISSION INC.
Address:	150-14 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-611479
Program Type:	PBS
UTM X:	601224.16501
UTM Y:	4505931.55967
Expiration Date:	12/08/2020
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	442442
Affiliation Type:	Facility Owner
Company Name:	SELVIN LINDSAY
Contact Type:	OWNER
Contact Name:	SELVIN LINDSAY
Address1:	150-14 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 291-1156
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-10-19

Site Id:	442442
Affiliation Type:	Mail Contact
Company Name:	WELBILT TRANSMISSION INC.
Contact Type:	Not reported
Contact Name:	SELVIN LINDSAY
Address1:	150-14 LIBERTY AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 291-1156
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-11-23

Site Id:	442442
Affiliation Type:	Facility Operator
Company Name:	WELBILT TRANSMISSION INC.
Contact Type:	Not reported
Contact Name:	SELVIN LINDSAY

WELBILT TRANSMISSION INC. (Continued) **A100354120**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 291-1156
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-11-23

Site Id:	442442
Affiliation Type:	Emergency Contact
Company Name:	SELVIN LINDSAY
Contact Type:	Not reported
Contact Name:	SELVIN LINDSAY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 710-1002
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-12-08

Tank Info:

Tank Number:	1
Tank Id:	236993
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/01/2000
Capacity Gallons:	275

WELBILT TRANSMISSION INC. (Continued) **A100354120**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	2
Tank Id:	236994
Material Code:	0021
Common Name of Substance:	Transmission Fluid

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/01/2000
Capacity Gallons:	300
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	transmission fluid

J146 **WELBUILT TRANSMISSIONS CO INC** **EDR Hist Auto** **1020972792**
ESE **150-14 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.070 mi.
367 ft. **Site 5 of 11 in cluster J**

Relative: EDR Hist Auto
Lower

Actual:
31 ft.

Year:	Name:	Type:
1978	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1979	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1980	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1982	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC

WELBUILT TRANSMISSIONS CO INC (Continued) **1020972792**

1983	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1985	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1986	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1987	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1988	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1989	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1990	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1991	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1992	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1993	WELBUILT TRANSMISSIONS CO INC	Automotive Repair Shops, NEC
1994	WELBUILT TRANSMISSIONS CO INC	Automotive Transmission Repair Shops
1995	WELBUILT TRANSMISSIONS CO INC	Automotive Transmission Repair Shops
1996	WELBUILT TRANSMISSIONS CO INC	Automotive Transmission Repair Shops
1997	WELBUILT TRANSMISSIONS CO INC	Automotive Transmission Repair Shops
1998	WELBUILT TRANSMISSIONS CO INC	Automotive Transmission Repair Shops
1999	ALSTON CHARLES INC	Automotive Transmission Repair Shops
2000	ALSTON CHARLES INC	Automotive Transmission Repair Shops
2001	ALSTON CHARLES INC	Automotive Transmission Repair Shops
2001	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2002	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2003	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2004	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2005	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2006	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2007	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2008	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2009	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2010	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2011	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2012	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2013	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops
2014	WELBILT TRANSMISSIONS INC	Automotive Transmission Repair Shops

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J147 **BELL ATLANTIC** **NY Spills** **S104503678**
ENE **95-40 TUCKERTON ST** **N/A**
< 1/8 **JAMAICA, QUEENS, NY**
0.071 mi.
374 ft. **Site 6 of 11 in cluster J**

Relative: **Lower**

Actual: **34 ft.**

SPILLS:

Name:	IN THE PARKING LOT OF
Address:	95-40 TUCKERTON ST
City,State,Zip:	JAMAICA, QUEENS, NY
Spill Number/Closed Date:	9706920 / 1997-12-31
Facility ID:	9706920
Facility Type:	ER
DER Facility ID:	262962
Site ID:	326411
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	4101
Spill Date:	1997-09-10
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	1997-09-10
CID:	365
Water Affected:	Not reported

BELL ATLANTIC (Continued) **S104503678**

Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-10
Spill Record Last Update:	1998-01-06
Spiller Name:	RICH KALISTA
Spiller Company:	BELL ATLANTIC
Spiller Address:	2203 MCCONNELL ST
Spiller Company:	001
Contact Name:	DON MCCONEGHY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN SEE REPORT"
Remarks:	"CLEAN UP COMPANY IS CALLING ON BEHALF OF BELL ATLANTIC WHO HAD A MIXTURE OF THE ABOVE CONTENTS (INC. GREASE) RUN ONTO THEIR PROPERTY FROM A JUNK YARD NEXT DOOR. THE SPILL IS ALSO INTO THEIR DRY WELL WHICH IS HALF FULL. CLEAN UP CREW IN ENROUTE AT THIS TIME. JUNK YARK NAME IS MARINO AUTO SALVAGE"

All Materials:

Site ID:	326411
Operable Unit ID:	1050275
Operable Unit:	01
Material ID:	332502
Material Code:	0021
Material Name:	transmission fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	326411
Operable Unit ID:	1050275
Operable Unit:	01
Material ID:	332504
Material Code:	0045A
Material Name:	cleaning chemicals/products
Case No.:	Not reported
Material FA:	Other
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	326411
Operable Unit ID:	1050275
Operable Unit:	01
Material ID:	332503
Material Code:	9999
Material Name:	other -
Case No.:	Not reported
Material FA:	Other

BELL ATLANTIC (Continued) **S104503678**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	326411
Operable Unit ID:	1050275
Operable Unit:	01
Material ID:	332501
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	BELL ATLANTIC
Address:	95-40 TUCKERTON ST
City,State,Zip:	JAMAICA, QUEENS, NY
Spill Number/Closed Date:	9900524 / 2000-05-02
Facility ID:	9900524
Facility Type:	ER
DER Facility ID:	262962
Site ID:	326412
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B4
SWIS:	4101
Spill Date:	1999-04-14
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1999-04-14
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-14
Spill Record Last Update:	2000-05-02
Spiller Name:	JOHN QUATRALE
Spiller Company:	BELL ATLANTIC
Spiller Address:	221 E 37TH ST
Spiller Company:	001
Contact Name:	JOHN QUATRALE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE SEE FILE"
Remarks:	"LEAK ON PIPING SUMP ON TANK AT ABOVE LOCATION. TANK HAS BEEN REMOVED. FURTHER TESTING TO BE DONE ON SITE. NO CALL BACK REQUESTED."

BELL ATLANTIC (Continued) **S104503678**

All Materials:

Site ID:	326412
Operable Unit ID:	1075298
Operable Unit:	01
Material ID:	307653
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

M148 **147-25 94TH AVENUE** **NY BROWNFIELDS** **S121933791**
NW **147-25 94TH AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.072 mi.
378 ft. **Site 8 of 10 in cluster M**

Relative: **Higher**
Actual: **40 ft.**

BROWNFIELDS:

Name:	147-25 94TH AVENUE
Address:	147-25 94TH AVENUE
City,State,Zip:	QUEENS, NY 11435
Program:	BCP
Site Code:	565437
Acres:	0.8
HW Code:	C241206
SWIS:	4101
Town:	New York City
Record Added Date:	12/29/2017
Record Updated Date:	05/10/2019
Update By:	JCGRATHW
Site Description:	Location: The site is located in an urban area in the Jamaica neighborhood of Queens. The approximately 35,000 square-foot site is bounded to the north by LIRR tracks; to the east by a scaffolding sales and installation facility; to the south by 94th Avenue, followed by a vacant lot and an active construction site; and to the west by commercial uses. The site is located in a developed area predominantly consisting of primarily commercial and industrial, with residential uses in the greater surrounding area to the north and south. Site Features: The site includes three vacant interconnected warehouse buildings, a concrete-paved loading dock, and asphalt-paved parking areas. The buildings vary from one- to three-stories and only the westernmost building contains a basement. Current Zoning and Land Use: The site is zoned C6-4 (commercial) and is currently vacant, with the exception of equipment and materials left by the former site occupant. The surrounding area is developed primarily with commercial and industrial properties with some residential uses to the north and south. A multi-story residential building is under constriction immediately south of the site across 94th Avenue. Past Use of the Site: The site has been used for commercial and industrial purposes since the 1880s. The site was most recently used for a produce warehouse, meat storage facilities, and a refrigeration sales and service facility since the 1960s. Prior to 1967, the site was occupied by small low-rise dwellings, the Long Island Rail Road

147-25 94TH AVENUE (Continued) **S121933791**

Company, food processing company Armour & Co. Beef and Provisions, and a storage yard for the N.Y. Telephone Co. Site Geology and Hydrogeology: Surface topography at the site is generally level. Historic fill materials (including concrete, sand, silt, gravel, brick, plastic, glass, asphalt, and wood) were observed from just below surface grade to approximately 15 feet below grade underlain by silt, sand, and gravel. Groundwater was encountered at approximately 20 feet below sidewalk grade. Groundwater flows in a southwesterly direction toward Jamaica Bay, approximately 3.7 miles to the south.

Env Problem: Nature and Extent of Contamination: Based upon the subsurface investigations conducted to date, the primary contaminants of concern for the site are mostly SVOCs e.g., Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, and Indeno(1,2,3-cd)pyrene. Soil: Low level of Benzo(a)anthracene was detected in three soil samples where the concentrations ranged from 1.12 to 1.53 ppm. Benzo(a)pyrene also detected in three soil samples and the concentrations ranged from 1.08 to 1.47 ppm. Benzo(b)fluoranthene was detected in four soil samples and the concentrations ranged from 1.08 to 2.81 ppm. These contaminants exceeded the Unrestricted use as well as Restricted Use SCOs (to 1 ppm). Indeno(1,2,3-cd)pyrene was detected in four soil samples and the concentrations ranged from 0.512 to 1.04 ppm. This contaminant exceeded the Unrestricted use and Restricted Use SCOs (to 0.5 ppm). Contaminants of concerns were mostly present at shallow depths within 0-2 feet below grade exception to one location where detection was around 13-15 feet below grade surface. Low concentrations (1.19 to 1.70 ppm) of Chrysene also detected in three locations which exceeded Unrestricted use SCOs (to 1 ppm). Lead detected in eleven samples that ranges from 73.9 to 1960 ppm. Lead concentration exceeded the Restricted Use SCOs (400 ppm) at three locations where one location was around 13-15 feet below grade. Data does not indicate any off-site impacts in soil related to this site. Sediment: Three sediment samples collected from three storm water drywells. Two of these samples detected low concentrations of toluene (2.59 and 2.63 ppm). Toluene concentrations exceeded the UUSCOs of 0.7 ppm, however concentrations were well below the RRSCOs of 100 ppm. Sample from other drywell detected low concentrations of copper, nickel and zinc. Groundwater: No VOCs and or SVOCs were detected at concentrations that exceeded their respective AWQSs. Only three naturally occurring compound such as iron, manganese and sodium were detected in at least one groundwater sample at concentrations exceeding AWQSs. Data does not indicate any off-site impacts in groundwater related to this site. Soil vapor: Seven soil vapor samples were collected and analyzed during RI. Very low levels of several VOCs including BTEX, ethanol, heptane, and hexane etc. detected in all samples. PCE was detected in five samples at concentrations from 5.1 to 257 g/m3. Data does not indicate any off-site impacts in soil vapor related to this site. Special Resources Impacted/Threatened: The site is located in the urban area and Fish and Wildlife Impact Analysis is not warranted.

Health Problem: Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. Contaminated groundwater at the site is not used for drinking or other purposes, and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the soil vapor (air spaces within the soil) may move into overlying buildings and affect the indoor air

147-25 94TH AVENUE (Continued) **S121933791**

quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. The potential exists for the inhalation of site-related contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy. Sampling indicates that soil vapor intrusion is not a concern for off-site structures.

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2018-03-21 13:36:00
Record Upd:	2018-03-21 13:36:00
Updated By:	GWBURKE
Own Op:	Owner
Sub Type:	E
Owner Name:	Evan
Owner Company:	Land & Sea Development Corp.
Owner Address:	153 Skunks Misery Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Locust Valley, NY 11560
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Queens Borough Public Library - Central Library
Owner Address:	89-11 Merrick Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11432
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Evan Kashanian
Owner Company:	J2 147-07 94th Avenue LLC
Owner Address:	316 West 118th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10026
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Queens Community Board District 12
Owner Address:	90-28 161st Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11432
Owner Country:	United States of America
HW Code:	C241206
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241206

147-25 94TH AVENUE (Continued) **S121933791**

Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241206
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C241206
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

L149 **AUTOTECH AUTO BODY RECOVERY INC** **RCRA NonGen / NLR** **1004755761**
South **147-21 LIBERTY AVE** **FINDS** **NY0000362483**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.072 mi. **NY MANIFEST**
378 ft. **Site 3 of 13 in cluster L**

Relative:
Higher

Actual:
38 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	AUTOTECH AUTO BODY RECOVERY INC
Facility address:	147-21 LIBERTY AVE JAMAICA, NY 11435
EPA ID:	NY0000362483
Mailing address:	LIBERTY AVE JAMAICA, NY 11435
Contact:	JOHN FRANGOULIS
Contact address:	LIBERTY AVE JAMAICA, NY 11435
Contact country:	US
Contact telephone:	718-291-5332
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOHN FRANGOULIS
Owner/operator address:	147-21 LIBERTY AVE JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-291-5332
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JOHN FRANGOULIS

AUTOTECH AUTO BODY RECOVERY INC (Continued) **1004755761**

Owner/operator address: 147-21 LIBERTY AVE
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 718-291-5332
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: AUTOTECH AUTO BODY RECOVERY INC
Classification: Not a generator, verified

Date form received by agency: 1998-03-05 00:00:00.0
Site name: AUTOTECH AUTO BODY RECOVERY INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

AUTOTECH AUTO BODY RECOVERY INC (Continued) **1004755761**

MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004316071

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

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

ECHO:

Envid:	1004755761
Registry ID:	110004316071
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004316071

NY MANIFEST:

Name:	MURF'S EQUIPMENT
Address:	147-21 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NY0000362483
Facility Status:	Not reported
Location Address 1:	147-21 LIBERTY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NY0000362483
Mailing Name:	MURF'S EQUIPMENT
Mailing Contact:	PETER F MURPHY
Mailing Address 1:	147-21 LIBERTY AVE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA

AUTOTECH AUTO BODY RECOVERY INC (Continued) **1004755761**

Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182915332

NY MANIFEST:

Document ID:	NJA2790730
Manifest Status:	C
seq:	Not reported
Year:	1997
Trans1 State ID:	10339
Trans2 State ID:	Not reported
Generator Ship Date:	12/17/1997
Trans1 Recv Date:	12/17/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/18/1997
Part A Recv Date:	01/07/1998
Part B Recv Date:	01/07/1998
Generator EPA ID:	NY0000362483
Trans1 EPA ID:	NJD986608941
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002454544
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00050
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

I150
NE
< 1/8
0.074 mi.
390 ft.

LOT 32,TAXBLOCK 10095
150-05 94 AVENUE
QUEENS, NY 11433

Site 9 of 9 in cluster I

NY E DESIGNATION **S108983575**
N/A

Relative:
Lower

Actual:
37 ft.

E DESIGNATION:

Name:	LOT 32,TAXBLOCK 10095
Address:	150-05 94 AVENUE
City,State,Zip:	QUEENS, NY 11433
Tax Lot(s):	32
Tax Block:	10095
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

O151
ENE
< 1/8
0.075 mi.
397 ft.

LOT 130,TAXBLOCK 10107
TUCKERTON STREET
QUEENS, NY 0

Site 1 of 20 in cluster O

NY E DESIGNATION **S108983285**
N/A

Relative:
Lower

Actual:
34 ft.

E DESIGNATION:

Name:	LOT 130,TAXBLOCK 10107
Address:	TUCKERTON STREET
City,State,Zip:	QUEENS, NY 0
Tax Lot(s):	130
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

H152
SSE
< 1/8
0.075 mi.
397 ft.

MEC-TEC AUTOMOTIVE INC.
148-20 LIBERTY AVENUE
JAMAICA, NY 11433

Site 7 of 8 in cluster H

NY AST **A100301597**
N/A

Relative:
Lower

Actual:
34 ft.

AST:

Name:	MEC-TEC AUTOMOTIVE INC.
Address:	148-20 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2

MEC-TEC AUTOMOTIVE INC. (Continued) **A100301597**

Site Status: Active
Facility Id: 2-610517
Program Type: PBS
UTM X: 601660.23779
UTM Y: 4506197.97868
Expiration Date: 03/15/2012
Site Type: Other

Affiliation Records:

Site Id: 378529
Affiliation Type: Facility Owner
Company Name: HECTOR PORTILLA
Contact Type: VICE PRESIDENT
Contact Name: HECTOR PORTILLA
Address1: 425 SHERIDAN BLVD.
Address2: Not reported
City: INWOOD
State: NY
Zip Code: 11096
Country Code: 001
Phone: (516) 984-6890
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-03-15

Site Id: 378529
Affiliation Type: Mail Contact
Company Name: MEC-TEC AUTOMOTIVE INC.
Contact Type: Not reported
Contact Name: HECTOR PORTILLA
Address1: 148-20 LIBERTY AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11433
Country Code: 001
Phone: (718) 206-2306
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-03-15

Site Id: 378529
Affiliation Type: Facility Operator
Company Name: MEC-TEC AUTOMOTIVE INC.
Contact Type: Not reported
Contact Name: HECTOR PORTILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 206-2306
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR

MEC-TEC AUTOMOTIVE INC. (Continued) **A100301597**

Date Last Modified:	2007-03-15
Site Id:	378529
Affiliation Type:	Emergency Contact
Company Name:	HECTOR PORTILLA
Contact Type:	Not reported
Contact Name:	HECTOR PORTILLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 984-6890
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2007-03-15

Tank Info:

Tank Number:	0010
Tank Id:	216379
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	D00 - Pipe Type - No Piping
	L00 - Piping Leak Detection - None
	E00 - Piping Secondary Containment - None
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	K00 - Spill Prevention - None
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	55
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

MEC-TEC AUTOMOTIVE INC. (Continued) **A100301597**

Tank Number: 0020
Tank Id: 216380
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 55
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

Tank Number: 0030
Tank Id: 216381
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron

MEC-TEC AUTOMOTIVE INC. (Continued) **A100301597**

Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	55
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	0040
Tank Id:	216382
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	55
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

H153 **MEC-TEC AUTOMOTIVE, INC.** **NY CBS** **S108465387**
SSE **148-20 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.075 mi.
397 ft. **Site 8 of 8 in cluster H**

Relative: **Lower**
Actual: **34 ft.**

CBS:

Name:	MEC-TEC AUTOMOTIVE, INC.
Address:	148-20 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
CBS Number:	2-000453
Program Type:	CBS
Facility Status:	Inactive
Expiration Date:	Not reported
Dec Region:	2
UTMX:	601660.23779
UTMY:	4506197.97868

L154 **NYNEX** **NY MANIFEST** **1009233592**
SSE **148TH ST /LIBERTY AVE** **N/A**
< 1/8 **QUEENS, NY**
0.076 mi.
399 ft. **Site 4 of 13 in cluster L**

Relative: **Lower**
Actual: **36 ft.**

NY MANIFEST:

Name:	NYNEX
Address:	148TH ST /LIBERTY AVE
City,State,Zip:	QUEENS, NY
Country:	USA
EPA ID:	NYP000917526
Facility Status:	Not reported
Location Address 1:	148TH ST /LIBERTY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000917526
Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address 1:	221 EAST 37TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2123387126

NY MANIFEST:

Document ID:	MIA3014201
Manifest Status:	K
seq:	Not reported
Year:	1994
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported

NYNEX (Continued) **1009233592**

Generator Ship Date:	10/29/1994
Trans1 Recv Date:	10/29/1994
Trans2 Recv Date:	/ /
TSD Site Recv Date:	11/14/1994
Part A Recv Date:	12/07/1994
Part B Recv Date:	12/02/1994
Generator EPA ID:	NYP000917526
Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID096963194
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	03600
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J155 **J&J AUTO WRECKERS INC.** **NY AST** **A100294517**
East **150-35 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.078 mi.
410 ft. **Site 7 of 11 in cluster J**

Relative: AST:
Lower

Actual:
33 ft.

Name:	J&J AUTO WRECKERS INC.
Address:	150-35 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609164
Program Type:	PBS
UTM X:	601223.74469
UTM Y:	4505926.25406
Expiration Date:	07/30/2023

J&J AUTO WRECKERS INC. (Continued) **A100294517**

Site Type: Other

Affiliation Records:

Site Id: 31009
Affiliation Type: Facility Owner
Company Name: JOAQUIM FERREIRA
Contact Type: PRESIDENT
Contact Name: JOAQUIM FERREIRA
Address1: 103 WESTBURY AVE.
Address2: Not reported
City: MINEOLA
State: NY
Zip Code: 11501
Country Code: 001
Phone: (516) 747-1692
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-06-08

Site Id: 31009
Affiliation Type: Mail Contact
Company Name: J&J AUTO WRECKERS INC.
Contact Type: Not reported
Contact Name: JACK FERREIRA
Address1: 150-35 LIBERTY AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11433
Country Code: 001
Phone: (718) 739-4377
EMail: JANDJAUTO@HOTMAIL.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-06-08

Site Id: 31009
Affiliation Type: Facility Operator
Company Name: J&J AUTO WRECKERS INC.
Contact Type: Not reported
Contact Name: JOAQUIM FERREIRA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 739-4377
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2012-12-10

Site Id: 31009
Affiliation Type: Emergency Contact
Company Name: JOAQUIM FERREIRA
Contact Type: Not reported

J&J AUTO WRECKERS INC. (Continued) **A100294517**

Contact Name:	JOAQUIM FERREIRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 369-4377
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2012-12-10

Tank Info:

Tank Number:	JF10
Tank Id:	66639
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	E00 - Piping Secondary Containment - None
	K01 - Spill Prevention - Catch Basin
	A00 - Tank Internal Protection - None
	I04 - Overfill - Product Level Gauge (A/G)
	J02 - Dispenser - Suction Dispenser
	D00 - Pipe Type - No Piping
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
	L00 - Piping Leak Detection - None
	G02 - Tank Secondary Containment - Vault (w/access)
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/30/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	06/08/2018
Material Name:	waste oil/used oil

J156 **LOT 142,TAXBLOCK 10107** **NY E DESIGNATION** **S108983309**
East **150-35 LIBERTY AVENUE** **N/A**
< 1/8 **QUEENS, NY 11433**
0.078 mi.
410 ft. **Site 8 of 11 in cluster J**

Relative: **Lower**
Actual: **33 ft.**

E DESIGNATION:

Name:	LOT 142,TAXBLOCK 10107
Address:	150-35 LIBERTY AVENUE
City,State,Zip:	QUEENS, NY 11433
Tax Lot(s):	142
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

J157 **J & J AUTO WRECKERS, INC.** **NY SWF/LF** **S108410832**
East **150-35 LIBERTY AVE** **NY CBS** **N/A**
< 1/8 **JAMAICA, NY 11433** **NY SPDES**
0.078 mi.
410 ft. **Site 9 of 11 in cluster J**

Relative: **Lower**
Actual: **33 ft.**

SWF/LF:

Name:	J & J AUTO WRECKERS INC
Address:	150-35 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Flag:	ACTIVE
Region Code:	2
Phone Number:	7187394377
Owner Name:	Joaquim Ferreira
Owner Type:	Private
Owner Address:	103 Westbury Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Mineola, NY 11501
Owner Email:	jandjauto@hotmail.com
Owner Phone:	7187394377
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7002717]
Active:	Yes
East Coordinate:	601227
North Coordinate:	4505917
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported

J & J AUTO WRECKERS, INC. (Continued) **S108410832**

Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

CBS:

Name:	J & J AUTO WRECKERS, INC.
Address:	150-35 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
CBS Number:	2-000435
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	600505.31237
UTMY:	4505245.32940

SPDES:

Name:	J & J AUTO WRECKERS INC
Address:	150-35 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Permit Number:	NYR00E034
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	Not reported
State Water Body Name:	JAMAICA BAY
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.698 / -73.801
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TABS CONSULTING GROUP INC
Non-Gov Permit Street Address:	J & J AUTO WRECKERS INC
Non-Gov Permit Supplemental Location:	2 52ND ST, BOX B11
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11232
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	J & J AUTO WRECKERS INC
Non-Gov Facility Street Address:	J & J AUTO WRECKERS INC
Non-Gov Facility Supplemental Location:	150-35 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11433
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported

J & J AUTO WRECKERS, INC. (Continued) **S108410832**

Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	J & J AUTO WRECKERS INC
Address:	150-35 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	J & J AUTO WRECKERS INC
Non-Gov Permit Street Address:	150-35 LIBERTY AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	JAMAICA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11433
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	J & J AUTO WRECKERS INC
Non-Gov Facility Street Address:	J & J AUTO WRECKERS INC
Non-Gov Facility Supplemental Location:	150-35 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11433
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	J & J AUTO WRECKERS INC
Address:	150-35 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	J & J AUTO WRECKERS INC
Non-Gov Facility Street Address:	J & J AUTO WRECKERS INC
Non-Gov Facility Supplemental Location:	150-35 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11433

J & J AUTO WRECKERS, INC. (Continued) **S108410832**

State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

P158 **LOT 3,TAXBLOCK 10027** **NY E DESIGNATION** **S108983539**
West **95 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.079 mi.
419 ft. **Site 1 of 15 in cluster P**

Relative:
Higher

Actual:
41 ft.

E DESIGNATION:

Name:	LOT 3,TAXBLOCK 10027
Address:	95 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	3
Tax Block:	10027
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

O159 **EAST COAST AUTO SALVAGE, INC** **NY UST** **U004046607**
ENE **95-50 TUCKERTON STREET** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.080 mi.
420 ft. **Site 2 of 20 in cluster O**

Relative:
Lower

Actual:
34 ft.

UST:

Name:	EAST COAST AUTO SALVAGE, INC
Address:	95-50 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Id/Status:	2-609876 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601273.31215
UTM Y:	4506164.19711
Site Type:	Other

Affiliation Records:

Site Id:	338711
Affiliation Type:	Facility Owner
Company Name:	PAUL SCAGLIONE
Contact Type:	Not reported
Contact Name:	Not reported

EAST COAST AUTO SALVAGE, INC (Continued) **U004046607**

Address1:	509 EUREKA AVE
Address2:	Not reported
City:	ELMONT
State:	NY
Zip Code:	11003
Country Code:	001
Phone:	(516) 852-1552
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2012-06-20

Site Id:	338711
Affiliation Type:	Mail Contact
Company Name:	PAUL SCAGLIONE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	509 EUREKA AVENUE
Address2:	Not reported
City:	ELMONT
State:	NY
Zip Code:	11003
Country Code:	001
Phone:	(516) 852-1552
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-03-15

Site Id:	338711
Affiliation Type:	Facility Operator
Company Name:	EAST COAST AUTO SALVAGE, INC
Contact Type:	Not reported
Contact Name:	PAUL SCAGLIONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-2025
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2009-03-13

Site Id:	338711
Affiliation Type:	Emergency Contact
Company Name:	PAUL SCAGLIONE
Contact Type:	Not reported
Contact Name:	PAUL SCAGLIONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

EAST COAST AUTO SALVAGE, INC (Continued) **U004046607**

Phone:	(917) 709-6121
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2009-03-13

Tank Info:

Tank Number:	001
Tank ID:	182448
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	500
Install Date:	05/01/1998
Date Tank Closed:	06/18/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	11/17/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

F99 - Pipe External Protection - Other
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None
B04 - Tank External Protection - Fiberglass
I00 - Overfill - None
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
D99 - Pipe Type - Other
E99 - Piping Secondary Containment - Other

Tank Number:	002
Tank ID:	182449
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	500
Install Date:	05/01/1998
Date Tank Closed:	06/18/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	11/17/2004
Next Test Date:	Not reported

EAST COAST AUTO SALVAGE, INC (Continued) **U004046607**

Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
B04 - Tank External Protection - Fiberglass
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D99 - Pipe Type - Other
E99 - Piping Secondary Containment - Other
F99 - Pipe External Protection - Other

K160 **MAN HOLE # 3057** **NY Spills** **S106014816**
SE **104-14 150TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.082 mi.
434 ft. **Site 4 of 10 in cluster K**

Relative: **Lower**
Actual: **32 ft.**

SPILLS:

Name:	MAN HOLE # 3057
Address:	104-14 150TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0302515 / 2003-08-20
Facility ID:	0302515
Facility Type:	ER
DER Facility ID:	180868
Site ID:	218625
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2003-06-09
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	2003-06-09
CID:	405
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-09
Spill Record Last Update:	2003-08-20
Spiller Name:	LARRY COSTA
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	ANDREW MORRIS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ E2MIS 148643 6/9/03 - 0130 J. WEIHS - 44592 - ENV. OPS.,

MAN HOLE # 3057 (Continued) **S106014816**

REPORTS FINDING APPROX 1/2 GAL OF AN UNKNOWN OIL ON APPROX 500 GALS OF WATER IN MH3057. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO THE SPILL. NO PRIVATE PROPERTY AFFECTED. TAG # 20393 PLACED IN STRUCTURE. NO MOVEMENT IN THE WATER. NO SEWER CONNECTIONS. CANNOT VERIFY THE EXISTENCE OF ANY SUMPS. NO LARGE CRACKS IN THE STRUCTURE. NO PARKING MID - 0300 ON THURS. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC09515 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULT. TJ - 50495 UPDATE********** 6-9-03 LAB SEQ# 03-04777-001 <1.0 PPM. S.PACE 49874 6/9/03 1920hrs G. Jacobi reports while env. ops crew was cleaning structure found an earthen sump. Removing from 24 hrs program as of this time. Advised CIG A. Morris @ 1923hrs 6/9/03-1950HRS GIORGIANNI ENVIR OPPS REPORTS CLEANUP COMPLETED .DOULBED WASHED STRUCTURE USING BIO-GEN- 760.CEMENTED EARTHEN SUMP. "

Remarks: "CALLER STATES 1/2 GALLON OF UNKNOWN OIL ON 500 GALLONS OF WATER IN THE MAN HOLE - SPILL IS CONTAINED AND ALL BEING CLEANED UP AT THIS TIME - CON ED #148643"

All Materials:

Site ID:	218625
Operable Unit ID:	870268
Operable Unit:	01
Material ID:	506987
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

J161 **LOT 138,TAXBLOCK 10107** **NY E DESIGNATION** **S108983290**
East **TUCKERTON STREET** **N/A**
< 1/8 **QUEENS, NY 0**
0.082 mi.
435 ft. **Site 10 of 11 in cluster J**

Relative: **Lower**
Actual: **33 ft.**

E DESIGNATION:

Name:	LOT 138,TAXBLOCK 10107
Address:	TUCKERTON STREET
City,State,Zip:	QUEENS, NY 0
Tax Lot(s):	138
Tax Block:	10107
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

O162 **BELL ATLANTIC** **NY UST** **U004198758**
ENE **95-40 TUCKERTON STREET** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.083 mi.
436 ft. **Site 3 of 20 in cluster O**

Relative:
Lower

Actual:
34 ft.

UST:

Name:	BELL ATLANTIC
Address:	95-40 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Id/Status:	2-343889 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601273.44511
UTM Y:	4506160.64600
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	001
Tank ID:	32431
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	05/01/1992
Date Tank Closed:	07/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	01
Date Test:	11/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	002
Tank ID:	32432
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	003
Tank ID:	32433
Tank Status:	Closed - Removed

BELL ATLANTIC (Continued) **U004198758**

Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	004
Tank ID:	32434
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	005
Tank ID:	32435
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	006
Tank ID:	32436
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported

BELL ATLANTIC (Continued) **U004198758**

Date Tank Closed:	09/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	007
Tank ID:	42454
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1992
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Tightness Test Method:	ZZ
Date Test:	09/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

O163 **PHONE CO. GARAGE** **NY Spills** **S121987093**
ENE **9540 TUCKERTON ST** **N/A**
< 1/8 **JAMAICA, NY**
0.083 mi.
436 ft. **Site 4 of 20 in cluster O**

Relative: **Lower**
Actual: **34 ft.**

SPILLS:

Name:	PHONE CO. GARAGE
Address:	9540 TUCKERTON ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9601260 / 1996-04-24
Facility ID:	9601260
Facility Type:	ER
DER Facility ID:	71747
Site ID:	76820
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	4101
Spill Date:	1996-04-24
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1996-04-24
CID:	323
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

PHONE CO. GARAGE (Continued) **S121987093**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-04-24
Spill Record Last Update:	2003-05-14
Spiller Name:	MARTY GNOLFO
Spiller Company:	NYNEX
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	MARTY GNOLFO
DEC Memo:	""
Remarks:	"A VEH BACKED INTO A DRAIN BUCKET CONTAINING USED MOTOR OIL."

All Materials:

Site ID:	76820
Operable Unit ID:	1028895
Operable Unit:	01
Material ID:	351074
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	2.00
Oxygenate:	Not reported

O164 **NEW YORK TELEPHONE CO** **RCRA NonGen / NLR** **1000791561**
ENE **95-40 TUCKERTON ST** **FINDS** **NYD987030749**
< 1/8 **JAMAICA, NY 11433** **ECHO**
0.083 mi. **NY MANIFEST**
436 ft. **Site 5 of 20 in cluster O**

Relative: **Lower**

Actual: **34 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	NEW YORK TELEPHONE CO
Facility address:	95-40 TUCKERTON ST JAMAICA, NY 11433-1044
EPA ID:	NYD987030749
Mailing address:	31ST AVE WOODSIDE, NY 11377
Contact:	Not reported
Contact address:	31ST AVE WOODSIDE, NY 11377
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MIDWOOD MANAGEMENT CO
Owner/operator address:	60 E 42ND ST NEW YORK, NY 10165
Owner/operator country:	US

NEW YORK TELEPHONE CO (Continued) **1000791561**

Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MIDWOOD MANAGEMENT CO
Owner/operator address: 60 E 42ND ST
NEW YORK, NY 10165
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 1993-03-15 00:00:00.0
Site name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

NEW YORK TELEPHONE CO (Continued) **1000791561**

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004502529

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

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

ECHO:
Envid: 1000791561
Registry ID: 110004502529
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004502529

NY MANIFEST:
Name: NYNEX
Address: 95-40 TUCKERTON ST
City,State,Zip: JAMAICA, NY 11433-1044
Country: USA
EPA ID: NYD987030749
Facility Status: Not reported
Location Address 1: 95-40 TUCKERTON STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11433

NEW YORK TELEPHONE CO (Continued) **1000791561**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987030749
Mailing Name: NYNEX
Mailing Contact: OTTO PHILLS
Mailing Address 1: 95-40 TUCKERTON STREET
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11433
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187269904

NY MANIFEST:
Document ID: NYG1443447
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: XU3423
Trans2 State ID: Not reported
Generator Ship Date: 09/30/1998
Trans1 Recv Date: 09/30/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/30/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987030749
Trans1 EPA ID: NYD064743263
Trans2 EPA ID: Not reported
TSDF ID 1: NYD082785429
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00040
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

NEW YORK TELEPHONE CO (Continued) **1000791561**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O165 **BELL ATLANTIC** **NY AST** **A100382311**
ENE **95-40 TUCKERTON STREET** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.083 mi.
436 ft. **Site 6 of 20 in cluster O**

Relative:
Lower

Actual:
34 ft.

AST:

Name:	BELL ATLANTIC
Address:	95-40 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-343889
Program Type:	PBS
UTM X:	601273.44511
UTM Y:	4506160.64600
Expiration Date:	N/A
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	008
Tank Id:	45668
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1997
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	Not reported

Tank Number:	009
Tank Id:	45669
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1997
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Register:	True

BELL ATLANTIC (Continued) **A100382311**

Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	Not reported

Tank Number:	010
Tank Id:	55903
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1992
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/01/1999
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	Not reported

Tank Number:	011
Tank Id:	49290
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/1995
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/01/1999
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	Not reported

O166 **9540 TUCKERTON ST/QUEENS** **NY LTANKS** **S102239817**
ENE **9540 TUCKERTON STREET** **N/A**
< 1/8 **JAMAICA, NY**
0.083 mi.
436 ft. **Site 7 of 20 in cluster O**

Relative: LTANKS:
Lower

Name:	9540 TUCKERTON ST/QUEENS
Address:	9540 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9003131 / 1991-06-18
Facility ID:	9003131
Site ID:	279092
Spill Date:	1990-06-18
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial

Actual:
34 ft.

9540 TUCKERTON ST/QUEENS (Continued) **S102239817**

Spill Class:	C4
Cleanup Ceased:	1991-06-18
SWIS:	4101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	1990-06-18
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-06-27
Spill Record Last Update:	2008-12-08
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	226617
DEC Memo:	""
Remarks:	"550 GAL TANK FAILED AIR PRESSURE TEST, WILL REPAIR & RETEST."

All TTF:

Facility ID:	9003131
Spill Number:	9003131
Spill Tank Test:	1537198
Site ID:	279092
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	279092
Operable Unit ID:	941012
Operable Unit:	01
Material ID:	437843
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00

9540 TUCKERTON ST/QUEENS (Continued) **S102239817**

Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

O167 **DRUM RUN** **NY Spills** **S117852910**
ENE **95-40 TUCKERTON ST** **N/A**
< 1/8 **QUEENS, NY**
0.083 mi.
436 ft. **Site 8 of 20 in cluster O**

Relative: **Lower**
Actual: **34 ft.**

SPILLS:

Name:	DRUM RUN
Address:	95-40 TUCKERTON ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1501322 / 2015-06-19
Facility ID:	1501322
Facility Type:	ER
DER Facility ID:	462272
Site ID:	507520
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	D3
SWIS:	4101
Spill Date:	2015-05-06
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2015-05-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-05-06
Spill Record Last Update:	2015-06-19
Spiller Name:	DEANNA BROWN
Spiller Company:	UNKNOWN
Spiller Address:	ADJACENT TO 95-45 TUCKERTON ST
Spiller Company:	999
Contact Name:	DEANNA BROWN
DEC Memo:	"5/6/2015 - Feng - Duty Desk. Talked to Deanna Brown of NYCDEP. The address is adjacent to 95-40 Tuckerton Street, Queens. It is in front of empty lot. There are (2) 55-gallon drums. All contained and sealed. Assigned the spill to R. Piper for drum run. DEC Piper - 110 gal pumped on 6/18/15. Sanitation notified of empties. Spill closed."
Remarks:	"contained, need pick up"

All Materials:

Site ID:	507520
Operable Unit ID:	1256851
Operable Unit:	01
Material ID:	2259814
Material Code:	0066A

DRUM RUN (Continued) **S117852910**

Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

O168 **95-40 TUCKERTON STREET** **NY LTANKS** **S104073400**
ENE **95-40 TUCKERTON STREET** **NY Spills** **N/A**
< 1/8 **JAMAICA, NY**
0.083 mi.
436 ft. **Site 9 of 20 in cluster O**

Relative:
Lower

Actual:
34 ft.

LTANKS:

Name:	NYNEX
Address:	95-40 TUCKERTON STR.
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9108734 / 1997-10-07
Facility ID:	9108734
Site ID:	212664
Spill Date:	1991-11-15
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1991-11-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-11-25
Spill Record Last Update:	1997-10-07
Spiller Name:	Not reported
Spiller Company:	NYNEX
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	176177
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE SEE FILE. "
Remarks:	"3K/PETROTITE/GROSS LEAK/SYSTEM TEST; E I & R"

All TTF:

Facility ID:	9108734
Spill Number:	9108734
Spill Tank Test:	1539309

95-40 TUCKERTON STREET (Continued) **S104073400**

Site ID:	212664
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	212664
Operable Unit ID:	959000
Operable Unit:	01
Material ID:	420856
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	95-40 TUCKERTON STREET
Address:	95-40 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9713877 / 2003-04-22
Facility ID:	9713877
Facility Type:	ER
DER Facility ID:	206956
Site ID:	252643
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	4101
Spill Date:	1998-03-16
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1998-03-16
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

95-40 TUCKERTON STREET (Continued) **S104073400**

Remediation Phase:	0
Date Entered In Computer:	1998-03-16
Spill Record Last Update:	2003-04-22
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	95-40 TUCKERTON STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE MILRO CALLED - OIL RUNNING ACROSS THE PROPERTY AND INTO A CATCHBAISN. MILRO VAC TRUCK CLEANED CATCHBASIN. BELL - ATLANTIC DIKED ALONG THE FENCE LINE. OIL STILL POURING THROUGH. FAX TO DEP ECS. HANDLED BY NYC DEP."
Remarks:	"SPILLER IS A JUNK YARD NEXT TO BELL ATLANTIC'S PARKING LOT. UNKNOWN OIL IS SEEPING THROUGH THE FENCE AND ONTO BELL ATLANTIC'S PROPERTY. THIS HAS OCCURRED BEFORE. CALLER'S AGENCY ENROUTE FOR CLEAN UP."

All Materials:

Site ID:	252643
Operable Unit ID:	1056722
Operable Unit:	01
Material ID:	324868
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K169 **CINELLY** **NY Spills** **S103829582**
ESE **150-11 GINSBERG RD** **N/A**
< 1/8 **JAMAICA, NY**
0.083 mi.
438 ft. **Site 5 of 10 in cluster K**

Relative: **Lower**

Actual: **30 ft.**

SPILLS:

Name:	CINELLY
Address:	150-11 GINSBERG RD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9815500 / 2003-03-03
Facility ID:	9815500
Facility Type:	ER
DER Facility ID:	200583
Site ID:	244208
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	1999-03-30
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1999-03-30
CID:	366
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

CINELLY (Continued) **S103829582**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-03-30
Spill Record Last Update:	2003-03-03
Spiller Name:	Not reported
Spiller Company:	FRANK CINELLY
Spiller Address:	150-11 GINSBERG RD
Spiller Company:	001
Contact Name:	FRANK CINELLY
DEC Memo:	""
Remarks:	"CALLER REPORTING THAT HE HAS RECEIVED TEST RESULTS BACK THAT SHOW AREA AROUND DIESEL TANK IS CONTAMINATED."

All Materials:

Site ID:	244208
Operable Unit ID:	1076530
Operable Unit:	01
Material ID:	308604
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

L170 **LOT 22,TAXBLOCK 10032** **NY E DESIGNATION** **S108983433**
South **147-17 LIBERTY AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.083 mi.
439 ft. **Site 5 of 13 in cluster L**

Relative:
Higher

Actual:
39 ft.

E DESIGNATION:

Name:	LOT 22,TAXBLOCK 10032
Address:	147-17 LIBERTY AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	22
Tax Block:	10032
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

G171 **95-21 SUTPHIN BLVD** **NY LTANKS** **S102660670**
WSW **95-21 SUTPHIN BLVD** **N/A**
< 1/8 **JAMAICA, NY**
0.084 mi.
444 ft. **Site 11 of 15 in cluster G**

Relative:
Higher

Actual:
42 ft.

LTANKS:

Name:	95-21 SUTPHIN BLVD
Address:	95-21 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9508921 / 1995-10-20
Facility ID:	9508921
Site ID:	95651
Spill Date:	1995-10-20
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	LUCE
Referred To:	Not reported
Reported to Dept:	1995-10-20
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-10-20
Spill Record Last Update:	1995-11-08
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	ARMONDO LOURENGO
Spiller Phone:	(516) 431-7845
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	85538
DEC Memo:	""
Remarks:	"275 GAL OIL TANK LEAKING OIL COMPANY REPAIRED AND CLEANED UP"

All Materials:

Site ID:	95651
Operable Unit ID:	1019504
Operable Unit:	01
Material ID:	359882
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

G172 **HWC DRY/C&G CLEANERS** **NY DRYCLEANERS** **S110246837**
WSW **95-19 SUTPHIN BLVD.** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.084 mi.
444 ft. **Site 12 of 15 in cluster G**

Relative:
Higher

Actual:
42 ft.

DRYCLEANERS:

Name:	HWC DRY/C&G CLEANERS
Address:	95-19 SUTPHIN BLVD.
City,State,Zip:	JAMAICA, NY 11435
Facility ID:	2-6307-01256
Phone Number:	718-658-4667
Region:	Not reported
Registration Effective Date:	N/A
Inspection Date:	04MAR23
Install Date:	99/04
Drop Shop:	Y
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	Not reported

G173 **HWC DRY CLEANERS** **RCRA NonGen / NLR** **1004760754**
WSW **95-19 SUTPHIN BLVD** **ICIS** **NYR000059741**
< 1/8 **JAMAICA, NY 11435** **US AIRS**
0.084 mi. **NY MANIFEST**
444 ft. **Site 13 of 15 in cluster G**

Relative:
Higher

Actual:
42 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	C & G CLEANERS
Facility address:	95-19 SUTPHIN BLVD QUEENS, NY 11435
EPA ID:	NYR000059741
Mailing address:	SUTPHIN BLVD QUEENS, NY 11435
Contact:	LESLIE SAMPSON
Contact address:	SUTPHIN BLVD QUEENS, NY 11435
Contact country:	US
Contact telephone:	718-658-4667
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	C & G INC
Owner/operator address:	95-19 SUTPHINE BLVD QUEENS, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-658-4667
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

HWC DRY CLEANERS (Continued) **1004760754**

Owner/operator name: C & G INC
Owner/operator address: 95-19 SUTPHINE BLVD
QUEENS, NY 11435
Owner/operator country: US
Owner/operator telephone: 718-658-4667
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: C & G CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1998-08-27 00:00:00.0
Site name: C & G CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

HWC DRY CLEANERS (Continued) **1004760754**

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:
Enforcement Action ID: NY000A0000263070125600310
FRS ID: 110008104835
Action Name: HWC DRY CLEANERS 36081R285100310
Facility Name: HWC DRY CLEANERS
Facility Address: 95-19 SUTPHIN BLVD
JAMAICA, NY 114354505
Enforcement Action Type: Notice of Violation
Facility County: QUEENS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.69831
Longitude in Decimal Degrees: -73.806368
Permit Type Desc: Not reported
Program System Acronym: NY0000002630701256
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000263070125600306
FRS ID: 110008104835
Action Name: HWC DRY CLEANERS 36081R285100306
Facility Name: HWC DRY CLEANERS
Facility Address: 95-19 SUTPHIN BLVD
JAMAICA, NY 114354505
Enforcement Action Type: Notice of Violation
Facility County: QUEENS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.69831
Longitude in Decimal Degrees: -73.806368
Permit Type Desc: Not reported
Program System Acronym: NY0000002630701256
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000263070125600301
FRS ID: 110008104835
Action Name: HWC DRY CLEANERS 36081R285100301
Facility Name: HWC DRY CLEANERS

HWC DRY CLEANERS (Continued) **1004760754**

Facility Address:	95-19 SUTPHIN BLVD JAMAICA, NY 114354505
Enforcement Action Type:	Notice of Violation
Facility County:	QUEENS
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7216
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.69831
Longitude in Decimal Degrees:	-73.806368
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002630701256
Facility NAICS Code:	812320
Tribal Land Code:	Not reported

US AIRS MINOR:

Envid:	1004760754
Region Code:	02
Programmatic ID:	AIR NY0000002630701256
Facility Registry ID:	110008104835
D and B Number:	Not reported
Primary SIC Code:	7216
NAICS Code:	812320
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS MINOR:

Region Code:	02
Programmatic ID:	AIR NY0000002630701256
Facility Registry ID:	110008104835
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2003-07-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR NY0000002630701256
Facility Registry ID:	110008104835
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2004-03-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR NY0000002630701256

HWC DRY CLEANERS (Continued) **1004760754**

Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2003-07-18 00:00:00
Activity Status Date: 2003-07-18 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002630701256
Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-04-21 00:00:00
Activity Status Date: 2004-04-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002630701256
Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-09-22 00:00:00
Activity Status Date: 2006-09-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002630701256
Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-07-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630701256
Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

HWC DRY CLEANERS (Continued) **1004760754**

Region Code: 02
Programmatic ID: AIR NY0000002630701256
Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-07-18 00:00:00
Activity Status Date: 2003-07-18 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002630701256
Facility Registry ID: 110008104835
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-04-21 00:00:00
Activity Status Date: 2004-04-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

NY MANIFEST:
Name: C & G CLEANERS
Address: 95-19 SUTPHIN BLVD
City,State,Zip: QUEENS, NY 11435
Country: USA
EPA ID: NYR000059741
Facility Status: Not reported
Location Address 1: 95-19 SUTPHIN BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000059741
Mailing Name: C & G CLEANERS
Mailing Contact: N/S
Mailing Address 1: 95-19 SUTPHIN BLVD
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11435
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186584667

NY MANIFEST:
Document ID: NYC6560717
Manifest Status: Not reported

HWC DRY CLEANERS (Continued) **1004760754**

seq:	01
Year:	2001
Trans1 State ID:	NYCAP4507
Trans2 State ID:	NJ044
Generator Ship Date:	08/30/2001
Trans1 Recv Date:	08/30/2001
Trans2 Recv Date:	08/31/2001
TSD Site Recv Date:	09/07/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000059741
Trans1 EPA ID:	SCR000075150
Trans2 EPA ID:	NJD071629976
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

G174 **BURRELL CLEANERS** **EDR Hist Cleaner** **1018774295**
WSW **9519 SUTPHIN BLV** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.084 mi.
444 ft. **Site 14 of 15 in cluster G**

Relative: EDR Hist Cleaner
Higher

Actual:
42 ft.

Year:	Name:	Type:
1986	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1987	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1988	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1989	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1990	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents

BURRELL CLEANERS (Continued) **1018774295**

1991	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1992	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1993	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1994	BURRELL CLEANERS	Garment Pressing And Cleaners' Agents
1995	C& G CLEANERS	Garment Pressing And Cleaners' Agents
1996	C& G CLEANERS	Garment Pressing And Cleaners' Agents
1997	C& G CLEANERS	Garment Pressing And Cleaners' Agents
1998	C& G CLEANERS	Garment Pressing And Cleaners' Agents
1999	C& G CLEANERS	Garment Pressing And Cleaners' Agents
2000	C& G CLEANERS	Garment Pressing And Cleaners' Agents
2001	C & G CLEANERS	Garment Pressing And Cleaners' Agents
2002	C & G CLEANERS	Garment Pressing And Cleaners' Agents
2003	C & G CLEANERS	Garment Pressing And Cleaners' Agents
2005	HWC DRY CLEANERS VICTOR LEE	Drycleaning Plants, Except Rugs, NEC
2006	HWC DRY CLEANERS VICTOR LEE	Drycleaning Plants, Except Rugs, NEC
2007	HWC DRY CLEANERS VICTOR LEE	Drycleaning Plants, Except Rugs, NEC
2008	HWC DRY CLEANERS VICTOR LEE	Drycleaning Plants, Except Rugs, NEC

G175 **LOT 36,TAXBLOCK 10027** **NY E DESIGNATION** **S108983602**
WSW **95-07 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.084 mi.
444 ft. **Site 15 of 15 in cluster G**

Relative: **Higher**
Actual: **42 ft.**

E DESIGNATION:

Name:	LOT 36,TAXBLOCK 10027
Address:	95-07 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	36
Tax Block:	10027
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

M176 **LOT 25,TAXBLOCK 9998** **NY E DESIGNATION** **S108983492**
WNW **147-07 94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.084 mi.
444 ft. **Site 9 of 10 in cluster M**

Relative: **Higher**
Actual: **42 ft.**

E DESIGNATION:

Name:	LOT 25,TAXBLOCK 9998
Address:	147-07 94 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	25
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007

LOT 25,TAXBLOCK 9998 (Continued) **S108983492**

Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

M177 **WORLD-WIDE FOOD PRODUCTS, INC.** **NY AST** **A100393055**
WNW **147-07 94TH AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.084 mi.
444 ft. **Site 10 of 10 in cluster M**

Relative:
Higher

Actual:
42 ft.

AST:
Name: WORLD-WIDE FOOD PRODUCTS, INC.
Address: 147-07 94TH AVENUE
City,State,Zip: JAMAICA, NY 11435
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-612215
Program Type: PBS
UTM X: 600925.07765
UTM Y: 4506101.87982
Expiration Date: N/A
Site Type: Other

Affiliation Records:
Site Id: 493345
Affiliation Type: Facility Owner
Company Name: LAND & SEA DEVELOPMENT CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 147-07 94TH AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 658-4000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-04-03

Site Id: 493345
Affiliation Type: Mail Contact
Company Name: WORLD-WIDE FOOD PRODUCTS, INC.
Contact Type: Not reported
Contact Name: JAMES MACMORRIS
Address1: 147-07 94TH AVENUE

WORLD-WIDE FOOD PRODUCTS, INC. (Continued) **A100393055**

Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 658-4000
EMail:	JIMMY@WWFPINC.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-04-03

Site Id:	493345
Affiliation Type:	Facility Operator
Company Name:	WORLD-WIDE FOOD PRODUCTS, INC.
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-4000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-04-03

Site Id:	493345
Affiliation Type:	Emergency Contact
Company Name:	LAND & SEA DEVELOPMENT CORP.
Contact Type:	Not reported
Contact Name:	J. MACMORRIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-4000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-04-03

Tank Info:

Tank Number:	001
Tank Id:	251599

Equipment Records:

J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

WORLD-WIDE FOOD PRODUCTS, INC. (Continued) **A100393055**

A00 - Tank Internal Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
E02 - Piping Secondary Containment - Vault (with Access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel Tank in Concrete
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/08/2014
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Q178 **95-35 SO. SUTPHIN BLVD** **NY Spills** **S102149351**
SW **95-35 SO. SUTPHIN BLVD** **N/A**
< 1/8 **JAMAICA, NY**
0.086 mi.
453 ft. **Site 1 of 9 in cluster Q**

Relative:
Higher

Actual:
43 ft.

SPILLS:

Name:	95-35 SO. SUTPHIN BLVD
Address:	95-35 SO. SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9413558 / 1995-01-11
Facility ID:	9413558
Facility Type:	ER
DER Facility ID:	79835
Site ID:	87095
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	4101
Spill Date:	1995-01-11
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1995-01-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	1995-01-11
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-02
Spill Record Last Update:	2006-08-07
Spiller Name:	Not reported

95-35 SO. SUTPHIN BLVD (Continued) **S102149351**

Spiller Company:	PETRO ASTORIA
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"DRIVER DID NOT INSERT FILL NOZZLE PROPERLY-SPILL HAS BEEN CLEANED."

All Materials:

Site ID:	87095
Operable Unit ID:	1011118
Operable Unit:	01
Material ID:	372303
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

L179 **LOT 12,TAXBLOCK 10031** **NY E DESIGNATION** **S108983248**
SSW **97-15 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.087 mi.
457 ft. **Site 6 of 13 in cluster L**

Relative:
Higher

Actual:
41 ft.

E DESIGNATION:

Name:	LOT 12,TAXBLOCK 10031
Address:	97-15 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	12
Tax Block:	10031
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

L180 **A1 AUTO PARTS INC** **NY SWF/LF** **S108145615**
SSW **97-15 SUTPHIN BLVD** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.087 mi.
457 ft. **Site 7 of 13 in cluster L**

Relative:
Higher

Actual:
41 ft.

SWF/LF:

Name:	A1 AUTO PARTS INC
Address:	97-15 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	600922
North Coordinate:	4505826
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Q181 **95-39 SUTPHIN BLVD** **NY Spills** **S104500989**
SW **95-39 SUTPHIN BLVD** **N/A**
< 1/8 **JAMAICA, NY**
0.088 mi.
463 ft. **Site 2 of 9 in cluster Q**

Relative:
Higher

Actual:
43 ft.

SPILLS:

Name:	95-39 SUTPHIN BLVD
Address:	95-39 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9511485 / 1995-12-12
Facility ID:	9511485
Facility Type:	ER
DER Facility ID:	258884
Site ID:	321362
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	4101

95-39 SUTPHIN BLVD (Continued) **S104500989**

Spill Date:	1995-12-11
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1995-12-12
CID:	216
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-12-12
Spill Record Last Update:	1996-01-29
Spiller Name:	MR COELHO
Spiller Company:	MR COELHO
Spiller Address:	95-39 SUTPHIN BLVD
Spiller Company:	001
Contact Name:	MR JOSE COELHO
DEC Memo:	""
Remarks:	"CUSTOMER WAS CHANGEING A OIL FILTER AND SPILLED ABOUT 1 PINT ON CELLAR FLOOR AREA CLEANED UP BY CUSTOMER AND KOSCO "

All Materials:

Site ID:	321362
Operable Unit ID:	1025686
Operable Unit:	01
Material ID:	358819
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Q182 **LOT 2,TAXBLOCK 10031** **NY E DESIGNATION** **S117675963**
SW **97-01 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.089 mi.
472 ft. **Site 3 of 9 in cluster Q**

Relative: **Higher**
Actual: **42 ft.**

E DESIGNATION:

Name:	LOT 2,TAXBLOCK 10031
Address:	97-01 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	2
Tax Block:	10031
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ

LOT 2,TAXBLOCK 10031 (Continued) **S117675963**

Zoning Map No: 14d

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

K183 **LOT 32,TAXBLOCK 10061** **NY E DESIGNATION** **S108983574**
SE **104-18 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.090 mi.
475 ft. **Site 6 of 10 in cluster K**

Relative: E DESIGNATION:
Lower
Name: LOT 32,TAXBLOCK 10061
Actual: Address: 104-18 150 STREET
32 ft. City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 32
Tax Block: 10061
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

O184 **LOT 107,TAXBLOCK 10107** **NY E DESIGNATION** **S108983219**
NE **TUCKERTON STREET** **N/A**
< 1/8 **QUEENS, NY 11433**
0.090 mi.
475 ft. **Site 10 of 20 in cluster O**

Relative: E DESIGNATION:
Lower
Name: LOT 107,TAXBLOCK 10107
Actual: Address: TUCKERTON STREET
35 ft. City,State,Zip: QUEENS, NY 11433
Tax Lot(s): 107
Tax Block: 10107
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

L185 **LOT 10,TAXBLOCK 10031** **NY E DESIGNATION** **S108983196**
SSW **97-11 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.090 mi.
475 ft. **Site 8 of 13 in cluster L**

Relative: **Higher**
Actual: **41 ft.**

E DESIGNATION:

Name:	LOT 10,TAXBLOCK 10031
Address:	97-11 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	10
Tax Block:	10031
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

L186 **97-11 SUTPHIN BOULEVARD** **NY VCP** **S121133146**
SSW **97-11 SUTPHIN BOULEVARD** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.090 mi.
475 ft. **Site 9 of 13 in cluster L**

Relative: **Higher**
Actual: **41 ft.**

VCP NYC:

Project ID:	17TMP0431Q, 17EH-A168Q, 17CVCP067Q
Name:	97-11 SUTPHIN BOULEVARD
Address:	97-11 SUTPHIN BOULEVARD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

P187 **WAREHOUSE** **NY AST** **A100296677**
West **94-01 SUTPHIN BLVD** **N/A**
< 1/8 **JAMAICA, NY 11432**
0.091 mi.
479 ft. **Site 2 of 15 in cluster P**

Relative: **Higher**
Actual: **41 ft.**

AST:

Name:	WAREHOUSE
Address:	94-01 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11432
Region:	STATE
DEC Region:	2
Site Status:	Inactive
Facility Id:	2-607871
Program Type:	PBS
UTM X:	600803.95098
UTM Y:	4506024.68501
Expiration Date:	N/A
Site Type:	Other

WAREHOUSE (Continued) **A100296677**

Affiliation Records:

Site Id:	29723
Affiliation Type:	Facility Owner
Company Name:	ESTATE OF FRED STREK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	198-10 JAMAICA AVE
Address2:	Not reported
City:	HOLLIS
State:	NY
Zip Code:	11423
Country Code:	001
Phone:	(718) 465-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29723
Affiliation Type:	Mail Contact
Company Name:	ESTATE OF JAMAICA
Contact Type:	Not reported
Contact Name:	RITA STARK, EDXECUTRIX
Address1:	198-10 JAMAICA AVE
Address2:	Not reported
City:	HOLLIS
State:	NY
Zip Code:	11423
Country Code:	001
Phone:	(718) 465-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29723
Affiliation Type:	Facility Operator
Company Name:	WAREHOUSE
Contact Type:	Not reported
Contact Name:	ESTATE OF FRED STARK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 465-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29723
Affiliation Type:	Emergency Contact
Company Name:	ESTATE OF FRED STREK
Contact Type:	Not reported
Contact Name:	ESTATE OF FRED STARK

WAREHOUSE (Continued) **A100296677**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 465-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	63679
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	J00 - Dispenser - None
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	EJCALIFA
Last Modified:	04/14/2017
Material Name:	#6 fuel oil (on-site consumption)

P188 **LOT 1,TAXBLOCK 9999** **NY E DESIGNATION** **S108983192**
West **94-01 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY**
0.091 mi.
479 ft. **Site 3 of 15 in cluster P**

Relative:
Higher

Actual:
41 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 9999
Address:	94-01 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY
Tax Lot(s):	1
Tax Block:	9999

LOT 1,TAXBLOCK 9999 (Continued) **S108983192**

Borough Code:	Not reported
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

R189 **CITY TRANSIT MIX INC.** **NY AST** **A100429457**
SSE **104-05 148TH STREET** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.091 mi.
479 ft. **Site 1 of 8 in cluster R**

Relative: **Lower**
Actual: **35 ft.**

AST:

Name:	CITY TRANSIT MIX INC.
Address:	104-05 148TH STREET
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-258725
Program Type:	PBS
UTM X:	601154.23903
UTM Y:	4505762.09540
Expiration Date:	12/30/2021
Site Type:	Other

Affiliation Records:

Site Id:	10730
Affiliation Type:	Mail Contact
Company Name:	A&F SCACCIA REALTY INC.
Contact Type:	PRESIDENT
Contact Name:	ANTHONY SCACCIA
Address1:	104-17 148TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-1488
EMail:	CTM1488@AOL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07
Site Id:	10730
Affiliation Type:	Facility Operator
Company Name:	CITY TRANSIT MIX INC.

CITY TRANSIT MIX INC. (Continued) **A100429457**

Contact Type:	Not reported
Contact Name:	ANTHONY L. SCACCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-1488
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	10730
Affiliation Type:	Emergency Contact
Company Name:	A&F REALTY INC.
Contact Type:	Not reported
Contact Name:	ANTHONY SCACCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 732-5262
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	10730
Affiliation Type:	Facility Owner
Company Name:	A&F SCACCIA REALTY INC
Contact Type:	PRESIDENT
Contact Name:	ANTHONY SCACCIA
Address1:	104-17 148 STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-1488
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2016-12-27

Tank Info:

Tank Number:	003
Tank Id:	266037

Equipment Records:

J06 - Dispenser - Tank Mounted Dispenser
E00 - Piping Secondary Containment - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

CITY TRANSIT MIX INC. (Continued) **A100429457**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: ACDANIEL
Last Modified: 04/14/2017
Material Name: hydraulic oil

Tank Number: 004
Tank Id: 266038

Equipment Records:

E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
J06 - Dispenser - Tank Mounted Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
G00 - Tank Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: ACDANIEL
Last Modified: 04/14/2017
Material Name: motor oil

R190 **CITY TRANSIT MIX INC.** **NY UST** **U000402691**
SSE **104-05 148TH STREET** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.091 mi.
479 ft. **Site 2 of 8 in cluster R**

Relative: **Lower**

Actual: **35 ft.**

UST:

Name:	CITY TRANSIT MIX INC.
Address:	104-05 148TH STREET
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-258725 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/30/2021
UTM X:	601154.23903
UTM Y:	4505762.09540
Site Type:	Other

Affiliation Records:

Site Id:	10730
Affiliation Type:	Mail Contact
Company Name:	A&F SCACCIA REALTY INC.
Contact Type:	PRESIDENT
Contact Name:	ANTHONY SCACCIA
Address1:	104-17 148TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-1488
EMail:	CTM1488@AOL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	10730
Affiliation Type:	Facility Operator
Company Name:	CITY TRANSIT MIX INC.
Contact Type:	Not reported
Contact Name:	ANTHONY L. SCACCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-1488
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	10730
Affiliation Type:	Emergency Contact
Company Name:	A&F REALTY INC.
Contact Type:	Not reported
Contact Name:	ANTHONY SCACCIA
Address1:	Not reported

CITY TRANSIT MIX INC. (Continued) **U000402691**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 732-5262
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	10730
Affiliation Type:	Facility Owner
Company Name:	A&F SCACCIA REALTY INC
Contact Type:	PRESIDENT
Contact Name:	ANTHONY SCACCIA
Address1:	104-17 148 STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-1488
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2016-12-27

Tank Info:

Tank Number:	001
Tank ID:	18060
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	4000
Install Date:	08/01/1985
Date Tank Closed:	07/08/2009
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	20
Date Test:	05/03/2002
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

CITY TRANSIT MIX INC. (Continued) **U000402691**

I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 266036
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 550
Install Date: 01/01/1980
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: ACDANIEL
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
I00 - Overfill - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
B05 - Tank External Protection - Jacketed
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 266039
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 01/01/1980
Date Tank Closed: 07/23/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 08/08/2017

Equipment Records:

I00 - Overfill - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None

CITY TRANSIT MIX INC. (Continued) **U000402691**

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J05 - Dispenser - On Site Heating System (Supply/Return)
C03 - Pipe Location - Aboveground/Underground Combination
L00 - Piping Leak Detection - None
B05 - Tank External Protection - Jacketed
H05 - Tank Leak Detection - In-Tank System (ATG)

L191 **CON EDISON SERVICE BOX: 30741** **RCRA NonGen / NLR** **1017771868**
SSW **97-26 147TH PL** **FINDS** **NYP004488144**
< 1/8 **JAMAICA, NY 11435**
0.092 mi.
485 ft. **Site 10 of 13 in cluster L**

Relative:
Higher

Actual:
40 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-05-03 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 30741
Facility address:	97-26 147TH PL JAMAICA, NY 11435
EPA ID:	NYP004488144
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-04-03 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator

Date form received by agency:	2014-04-03 00:00:00.0

CON EDISON SERVICE BOX: 30741 (Continued) **1017771868**

Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063799778

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

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

L192 **CON EDISON** **NY MANIFEST** **S116550434**
SSW **97-26 147TH PL** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.092 mi.
485 ft. **Site 11 of 13 in cluster L**

Relative:
Higher

Actual:
40 ft.

NY MANIFEST:
Name: CON EDISON
Address: 97-26 147TH PL
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004488144
Facility Status: Not reported
Location Address 1: 97-26 147TH PLACE
Code: BP
Location Address 2: SERVICE BOX # 30741
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004488144
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported

CON EDISON (Continued) **S116550434**

Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/03/2014
Trans1 Recv Date:	04/03/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004488144
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002407045GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

P193 **JFK CENTER ASSOCIATES LLC** **RCRA-LQG** **1010328807**
West **94-19 SUTPHIN BLVD** **NYR000145052**
< 1/8 **JAMAICA, NY 11435**
0.092 mi.
488 ft. **Site 4 of 15 in cluster P**

Relative:
Higher

Actual:
41 ft.

RCRA-LQG:

Date form received by agency:	2007-03-12 00:00:00.0
Facility name:	JFK CENTER ASSOCIATES LLC
Facility address:	94-19 SUTPHIN BLVD JAMAICA, NY 11435
EPA ID:	NYR000145052
Mailing address:	3RD AVE 19TH FLOOR NEW YORK, NY 10022
Contact:	ALLAN H HANSON
Contact address:	3RD AVE 19TH FLOOR NEW YORK, NY 10022
Contact country:	US
Contact telephone:	212-822-2253
Contact email:	AHANSON@ALLIEDCMS.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	JFK CENTER ASSOCIATES LLC
Owner/operator address:	3RD AVE 19TH FLOOR NEW YORK, NY 10022
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2006-06-15 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	JFK CENTER ASSOCIATES LLC
Owner/operator address:	3RD AVE 19TH FLOOR NEW YORK, NY 10022
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator

JFK CENTER ASSOCIATES LLC (Continued) **1010328807**

Owner/Op start date: 2006-06-15 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-03-11 00:00:00.0
Site name: JFK CENTER ASSOCIATES LLC
Classification: Large Quantity Generator

Date form received by agency: 2007-03-11 00:00:00.0
Site name: JFK CENTER ASSOCIATES LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

P194 **JFK CENTER** **NY AST** **U004079935**
West **94-19 SUTPHIN BOULVEVARD** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.092 mi.
488 ft. **Site 5 of 15 in cluster P**

Relative:
Higher

Actual:
41 ft.

AST:
Name: JFK CENTER
Address: 94-19 SUTPHIN BOULVEVARD
City,State,Zip: JAMAICA, NY 11435
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-610507
Program Type: PBS
UTM X: 600810.58756
UTM Y: 4506015.11573
Expiration Date: N/A
Site Type: Other

Affiliation Records:
Site Id: 377993

JFK CENTER (Continued) **U004079935**

Affiliation Type:	Facility Owner
Company Name:	JFK CENTER ASSOC.
Contact Type:	MEMBER
Contact Name:	PAUL TRAVIS
Address1:	850 THIRD AVE, 19TH FLR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 822-2206
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2007-03-13

Site Id:	377993
Affiliation Type:	Mail Contact
Company Name:	ALLIED CONSTRUCTION MANAGEMENT SERVICE
Contact Type:	Not reported
Contact Name:	ALLAN HANSON
Address1:	850 THIRD AVE, 19TH FLR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 822-2253
EMail:	AHANSON@ALLIEDCMS.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2007-03-05

Site Id:	377993
Affiliation Type:	Facility Operator
Company Name:	JFK CENTER
Contact Type:	Not reported
Contact Name:	ALLAN HANSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 822-2206
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2007-03-13

Site Id:	377993
Affiliation Type:	Emergency Contact
Company Name:	JFK CENTER ASSOC.
Contact Type:	Not reported
Contact Name:	ALLAN HANSON
Address1:	Not reported
Address2:	Not reported

JFK CENTER (Continued) **U004079935**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(631) 897-7652
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2007-03-05

Tank Info:

Tank Number:	1
Tank Id:	216175
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
B99 - Tank External Protection - Other
E07 - Piping Secondary Containment - Trench Liner
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground

Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1950
Capacity Gallons:	8160
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/21/2008
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	#6 fuel oil (on-site consumption)

Tank Number:	2
Tank Id:	216176
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

B99 - Tank External Protection - Other
E07 - Piping Secondary Containment - Trench Liner
L00 - Piping Leak Detection - None
J00 - Dispenser - None

JFK CENTER (Continued) **U004079935**

D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 10560
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/21/2008
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 3
Tank Id: 216177
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

B99 - Tank External Protection - Other
E07 - Piping Secondary Containment - Trench Liner
L00 - Piping Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 5760
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/21/2008
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

K195 **LOT 33,TAXBLOCK 10061** **NY E DESIGNATION** **S108983581**
SE **150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.093 mi.
490 ft. **Site 7 of 10 in cluster K**

Relative: **Lower**
Actual: **32 ft.**

E DESIGNATION:

Name:	LOT 33,TAXBLOCK 10061
Address:	150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	33
Tax Block:	10061
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

S196 **CON EDISON** **NY MANIFEST** **S117065612**
NNE **FO 151-03 94 AVE** **N/A**
< 1/8 **QUEENS, NY 11419**
0.095 mi.
500 ft. **Site 1 of 4 in cluster S**

Relative: **Higher**
Actual: **38 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	FO 151-03 94 AVE
City,State,Zip:	QUEENS, NY 11419
Country:	USA
EPA ID:	NYP004581880
Facility Status:	Not reported
Location Address 1:	FO 151-03 94 AVE
Code:	BP
Location Address 2:	SB 49652
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11419
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004581880
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported

CON EDISON (Continued) **S117065612**

Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/01/2014
Trans1 Recv Date:	07/01/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004581880
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002504002GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K197 **LOT 34,TAXBLOCK 10061** **NY E DESIGNATION** **S108983588**
SE **150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.097 mi.
512 ft. **Site 8 of 10 in cluster K**

Relative: **Lower**
Actual: **32 ft.**

E DESIGNATION:

Name:	LOT 34,TAXBLOCK 10061
Address:	150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	34
Tax Block:	10061
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

R198 **CON ED** **NY MANIFEST** **S119076937**
SSE **104-15 148TH ST** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.097 mi.
514 ft. **Site 3 of 8 in cluster R**

Relative: **Lower**
Actual: **34 ft.**

NY MANIFEST:

Name:	CON ED
Address:	104-15 148TH ST
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004816995
Facility Status:	Not reported
Location Address 1:	OPP 104-15 148TH ST
Code:	BP
Location Address 2:	SB 53988
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004816995
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported

CON ED (Continued) **S119076937**

Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	08/03/2015
Trans1 Recv Date:	08/03/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004816995
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014472649JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

R199 **CON EDISON** **NJ MANIFEST** **S120674830**
SSE **104-15 148TH ST** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.097 mi.
514 ft. **Site 4 of 8 in cluster R**

Relative: **Lower**

Actual: **34 ft.**

NJ MANIFEST:

EPA Id:	NYP004816995
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014472649JJK
EPA ID:	NYP004816995
Date Shipped:	8/3/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120674830**

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

R200 **CON EDISON** **RCRA NonGen / NLR** **1019906076**
SSE **104-15 148TH ST** **NYP004816995**
< 1/8 **JAMAICA, NY 11435**
0.097 mi.
514 ft. **Site 5 of 8 in cluster R**

Relative:
Lower

Actual:
34 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-08-03 00:00:00.0
Facility name:	CON EDISON
Facility address:	104-15 148TH ST JAMAICA, NY 11435
EPA ID:	NYP004816995
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-08-03 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Violation Status: No violations found

L201 **LOT 17,TAXBLOCK 10031** **NY E DESIGNATION** **S108983350**
SSW **97-31 147 PLACE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.098 mi.
516 ft. **Site 12 of 13 in cluster L**

Relative: **Higher**
Actual: **40 ft.**

E DESIGNATION:

Name:	LOT 17,TAXBLOCK 10031
Address:	97-31 147 PLACE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	17
Tax Block:	10031
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

O202 **COMMERCIAL LOT** **NY SPILLS 90** **S112395058**
East **95-65 TUCKERTON ST** **N/A**
< 1/8 **QUEENS, NY**
0.098 mi.
516 ft. **Site 11 of 20 in cluster O**

Relative: **Lower**
Actual: **33 ft.**

Spills:

Status:	ACTIVE
Contact Name:	Not reported
Contact Phone:	Not reported
Site ID:	1212351
Secondary ID:	475498
Cross Street:	Not reported
County:	QUEENS
Longitude:	0
Latitude:	0
Elevation:	Not reported

S203 **H.COLES CONSTRUCTION &SVCE** **NY SWF/LF** **S105841777**
NE **95-34 157 STREET** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.098 mi.
517 ft. **Site 2 of 4 in cluster S**

Relative: **Lower**
Actual: **37 ft.**

SWF/LF:

Name:	H.COLES CONSTRUCTION &SVCE
Address:	95-34 157 STREET
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	7180000000
Owner Name:	Not reported

H.COLES CONSTRUCTION &SVCE (Continued) **S105841777**

Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	HENRY E.COLES
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T10]
Active:	No
East Coordinate:	601289
North Coordinate:	4506181
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

S204 **HOWARD BEACH UNIT SUB ST** **NY Spills** **S106383046**
NE **157TH AV & 94TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.100 mi.
529 ft. **Site 3 of 4 in cluster S**

Relative: **Higher**

Actual: **38 ft.**

SPILLS:

Name:	HOWARD BEACH UNIT SUB ST
Address:	157TH AV & 94TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0312933 / 2004-04-23
Facility ID:	0312933
Facility Type:	ER
DER Facility ID:	148272
Site ID:	176414
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2004-02-23
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2004-02-23
CID:	41
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

HOWARD BEACH UNIT SUB ST (Continued) **S106383046**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-02-23
Spill Record Last Update:	2004-04-23
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARK SCHLAGEL
DEC Memo:	"2/23/04 2125hrs found 12 oz transformer oil leaked from bushing on transformer throat to the secondary bank breakers onto concrete floor. Historical records indicate oil to be <1ppm dated 2/20/97. Equipment is not leaking at this time. Diapers, oil absorb and bolognies have been placed to contain any further leaks. Update - 2/23/04 - 2210hrs the bushing is not leaking at this time, it is sweating. Taken sample by wiping outer casing of transformer where oil spilled onto.Diapers and oil absorb placed along side main body and underneath secondary throat as a precaution 2/24/04 10:45HRS DOUBLE WASHED AREA USING OIL ABSORBENT AND SIMPLE GREEN CLENUP IS 100% COMPLETED. WILL CHECK TO SEE IF UNIT IS STILL LEAKING. JOB LEFT OPEn 2/24/04 0 HRS. OPENED EQUIPMENT AND WIPED IT DOWN, IT IS NO LONGER LEAKING. CLEANUP REPORTED ON PRIOR UPDATE. ENV. STOP TAG REMOVED. amd"
Remarks:	"12 oz dielectric fluid spilled onto concrete from transformer bushing. Con Ed 152208"

All Materials:

Site ID:	176414
Operable Unit ID:	880148
Operable Unit:	01
Material ID:	498109
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

J205 **NYNEX** **NY MANIFEST** **1009233511**
East **LIBERTY AVE & TUCKERTON AVE** **N/A**
< 1/8 **JAMAICA QUEENS, NY**
0.101 mi.
532 ft. **Site 11 of 11 in cluster J**

Relative: **Lower**
Actual: **31 ft.**

NY MANIFEST:

Name:	NYNEX
Address:	LIBERTY AVE & TUCKERTON AVE
City,State,Zip:	JAMAICA QUEENS, NY
Country:	USA
EPA ID:	NYP000916361
Facility Status:	Not reported
Location Address 1:	LIBERTY AVE & TUCKERTON AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported

NYNEX (Continued) **1009233511**

Location City:	JAMAICA QUEENS
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000916361
Mailing Name:	NYNEX
Mailing Contact:	JOE RODRIGUEZ
Mailing Address 1:	221 EAST 37TH ST4TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2123387675

NY MANIFEST:

Document ID:	CTF0203868
Manifest Status:	C
seq:	Not reported
Year:	1994
Trans1 State ID:	XW51DVNJ
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/1994
Trans1 Recv Date:	08/12/1994
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/16/1994
Part A Recv Date:	/ /
Part B Recv Date:	08/26/1994
Generator EPA ID:	NYP000916361
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD000604488
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00003
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001

NYNEX (Continued) **1009233511**

Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K206 **CITY MASON DIVISION OF S.R.M.** **NY SWF/LF** **S105841242**
SE **105 AVE. & 150TH STREET** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.101 mi.
535 ft. **Site 9 of 10 in cluster K**

Relative: SWF/LF:
Lower

Actual:
31 ft.

Name:	CITY MASON DIVISION OF S.R.M.
Address:	105 AVE. & 150TH STREET
City,State,Zip:	JAMAICA, NY 11435
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185231488
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	ANTHONY SCACCIA; PRESIDENT
Contact Address:	104-17 148th Street
Contact Addr2:	Not reported
Contact City,St,Zip:	Jamaica, NY 11435
Contact Email:	Not reported
Contact Phone:	7185231488
Activity Desc:	C&D processing - registration
Activity Number:	[41W86]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

K207 **SPILL NUMBER 0208998** **NY Spills** **S106009710**
SE **150TH ST/105TH AV** **N/A**
< 1/8 **QUEENS, NY**
0.102 mi.
536 ft. **Site 10 of 10 in cluster K**

Relative:
Lower

Actual:
31 ft.

SPILLS:

Name:	SPILL NUMBER 0208998
Address:	150TH ST/105TH AV
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0208998 / 2002-12-27
Facility ID:	0208998
Facility Type:	ER
DER Facility ID:	160737
Site ID:	192771
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C3
SWIS:	4101
Spill Date:	2002-12-02
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2002-12-02
CID:	396
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-02
Spill Record Last Update:	2002-12-27
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	STANLEY BALDWIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 12/27/2002-Vought-No drum present 12/10/2002. Spill closed by Vought."
Remarks:	"55 gal drum on the side of the road. "

All Materials:

Site ID:	192771
Operable Unit ID:	862180
Operable Unit:	01
Material ID:	515986
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	55.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Q208
SW
< 1/8
0.103 mi.
542 ft.

CON EDISON
SUTPHON BLVD & 97 AV
QUEENS, NY 11432

Site 4 of 9 in cluster Q

NY MANIFEST **S117538194**
N/A

Relative:
Higher

Actual:
44 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	SUTPHON BLVD & 97 AV
City,State,Zip:	QUEENS, NY 11432
Country:	USA
EPA ID:	NYP004708426
Facility Status:	Not reported
Location Address 1:	SUTPHON BLVD & 97 AV
Code:	BP
Location Address 2:	SB18606
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004708426
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	12/18/2014
Trans1 Recv Date:	12/18/2014
Trans2 Recv Date:	12/31/2014
TSD Site Recv Date:	12/31/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004708426
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002620095GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117538194**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O209 **LOT 319,TAXBLOCK 10108** **NY E DESIGNATION** **S108983571**
East **TUCKERTON STREET** **N/A**
< 1/8 **QUEENS, NY 11433**
0.103 mi.
545 ft. **Site 12 of 20 in cluster O**

Relative: E DESIGNATION:
Lower

Name:	LOT 319,TAXBLOCK 10108
Address:	TUCKERTON STREET
City,State,Zip:	QUEENS, NY 11433
Tax Lot(s):	319
Tax Block:	10108
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

Actual:
33 ft.

R210 **LOT 35,TAXBLOCK 10061** **NY E DESIGNATION** **S108983593**
SE **105 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.104 mi.
551 ft. **Site 6 of 8 in cluster R**

Relative: E DESIGNATION:
Lower
Actual: Name: LOT 35,TAXBLOCK 10061
33 ft. Address: 105 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 35
Tax Block: 10061
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

R211 **LOT 36,TAXBLOCK 10061** **NY E DESIGNATION** **S108983604**
SE **105 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.105 mi.
557 ft. **Site 7 of 8 in cluster R**

Relative: E DESIGNATION:
Lower
Actual: Name: LOT 36,TAXBLOCK 10061
33 ft. Address: 105 AVENUE
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 36
Tax Block: 10061
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

O212 **IFO JUNK YARD** **NY Spills** **S108232133**
ENE **95-41 TUCKERTON STREET** **N/A**
< 1/8 **QUEENS, NY**
0.108 mi.
568 ft. **Site 13 of 20 in cluster O**

Relative: SPILLS:
Lower
Actual: Name: IFO JUNK YARD
33 ft. Address: 95-41 TUCKERTON STREET
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 0605736 / 2006-08-28
Facility ID: 0605736

IFO JUNK YARD (Continued) **S108232133**

Facility Type:	ER
DER Facility ID:	318842
Site ID:	368961
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C3
SWIS:	4101
Spill Date:	2006-08-17
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2006-08-17
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-08-17
Spill Record Last Update:	2006-08-28
Spiller Name:	JOHN WILSON
Spiller Company:	ON SIDEWALK
Spiller Address:	95-41 TUCHERTON STREET
Spiller Company:	001
Contact Name:	JOHN WILSON
DEC Memo:	"08/28/06 Rahman- Drums found,were pumped out, NYC sanitation was notified via fax to pick up empty drums."
Remarks:	"2- 55 GALLON DRUMS:"

All Materials:

Site ID:	368961
Operable Unit ID:	1126811
Operable Unit:	01
Material ID:	2116376
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

O213 **NYC DEP** **RCRA NonGen / NLR** **1014395412**
ENE **95-41 TUCKERTON ST** **NY MANIFEST** **NYP003663069**
< 1/8 **QUEENS, NY 11433**
0.108 mi.
568 ft. **Site 14 of 20 in cluster O**

Relative: **Lower**

Actual: **33 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2006-08-23 00:00:00.0
Facility name:	NYC DEP
Facility address:	95-41 TUCKERTON ST QUEENS, NY 11433

NYC DEP (Continued) **1014395412**

EPA ID: NYP003663069
Mailing address: JUNCTION BLVD
FLUSHING, NY 11373
Contact: JOANNE NURSE
Contact address: JUNCTION BLVD
FLUSHING, NY 11373
Contact country: US
Contact telephone: 718-595-4675
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

NY MANIFEST:
Name: NYCDEP
Address: 95-41 TUCKERTON ST
City,State,Zip: QUEENS, NY 11433
Country: USA
EPA ID: NYP003663069
Facility Status: Not reported
Location Address 1: 95-41 TUCKERTON ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP003663069
Mailing Name: NYCDEP
Mailing Contact: N/S
Mailing Address 1: 96-05 HORACE HARDING EXP
Mailing Address 2: Not reported
Mailing City: CORONA
Mailing State: NY
Mailing Zip: 11368
Mailing Zip 4: Not reported

NYC DEP (Continued) **1014395412**

Mailing Country: USA
Mailing Phone: 6468797329

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

T214 **CON EDISON** **NY MANIFEST** **S116043591**
WNW **147-05 94TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.108 mi.
572 ft. **Site 1 of 15 in cluster T**

Relative:
Higher

Actual:
41 ft.

NY MANIFEST:
Name: CON EDISON
Address: 147-05 94TH AVE
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004399515
Facility Status: Not reported
Location Address 1: 147-05 94TH AVE
Code: BP
Location Address 2: SB42437
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11432
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004399515
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 12/04/2013
Trans1 Recv Date: 12/04/2013
Trans2 Recv Date: 12/04/2013
TSD Site Recv Date: 12/06/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004399515
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

CON EDISON (Continued) **S116043591**

TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002300093GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

T215 **CON EDISON** **RCRA NonGen / NLR** **1018277502**
WNW **147-05 94TH AVE** **FINDS** **NYP004399515**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.108 mi.
572 ft. **Site 2 of 15 in cluster T**

Relative: **Higher**

Actual: **41 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2013-12-04 00:00:00.0
Facility name:	CON EDISON
Facility address:	147-05 94TH AVE JAMAICA, NY 11435
EPA ID:	NYP004399515
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02

CON EDISON (Continued) **1018277502**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-12-04 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067680717

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

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

ECHO:
Envid: 1018277502
Registry ID: 110067680717
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067680717

T216 **LOT 42,TAXBLOCK 9998** **NY E DESIGNATION** **S108983657**
WNW **147-05 94 AVENUE** **N/A**
< 1/8 **QUEENS, NY 11435**
0.108 mi.
572 ft. **Site 3 of 15 in cluster T**

Relative: **Higher**
Actual: **41 ft.**

E DESIGNATION:

Name:	LOT 42,TAXBLOCK 9998
Address:	147-05 94 AVENUE
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	42
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

T217 **93-43 SUTPHIN BLVD** **NY VCP** **S125317245**
WNW **93-43 SUTPHIN BLVD** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.108 mi.
572 ft. **Site 4 of 15 in cluster T**

Relative: **Higher**
Actual: **40 ft.**

VCP NYC:

Project ID:	14TMP0169Q, 14EHAN169Q, 14CVCP258Q
Name:	93-43 SUTPHIN BLVD
Address:	93-43 SUTPHIN BLVD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

T218 **LOT 43,TAXBLOCK 9998** **NY E DESIGNATION** **S108983665**
WNW **93-43 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.108 mi.
572 ft. **Site 5 of 15 in cluster T**

Relative: **Higher**
Actual: **40 ft.**

E DESIGNATION:

Name:	LOT 43,TAXBLOCK 9998
Address:	93-43 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	43
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported

LOT 43,TAXBLOCK 9998 (Continued) **S108983665**

Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

P219 **LOT 14,TAXBLOCK 10026** **NY E DESIGNATION** **S108983291**
WSW **95-26 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.109 mi.
575 ft. **Site 6 of 15 in cluster P**

Relative: **Higher**
Actual: **44 ft.**

E DESIGNATION:
Name: LOT 14,TAXBLOCK 10026
Address: 95-26 SUTPHIN BOULEVARD
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 14
Tax Block: 10026
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

P220 **LOT 12,TAXBLOCK 10026** **NY E DESIGNATION** **S108983246**
WSW **95-14 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.109 mi.
576 ft. **Site 7 of 15 in cluster P**

Relative: **Higher**
Actual: **44 ft.**

E DESIGNATION:
Name: LOT 12,TAXBLOCK 10026
Address: 95-14 SUTPHIN BOULEVARD
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 12
Tax Block: 10026
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q

LOT 12,TAXBLOCK 10026 (Continued) **S108983246**

Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

P221 **LOT 27,TAXBLOCK 9993** **NY E DESIGNATION** **S108983518**
West **94-20 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.110 mi.
580 ft. **Site 8 of 15 in cluster P**

Relative: **Higher**
Actual: **43 ft.**

E DESIGNATION:
Name: LOT 27,TAXBLOCK 9993
Address: 94-20 SUTPHIN BOULEVARD
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 27
Tax Block: 9993
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

U222 **COMMERCIAL LOT** **NY Spills** **S112807574**
East **95-65 TUCKERTON ST** **N/A**
< 1/8 **QUEENS, NY**
0.110 mi.
582 ft. **Site 1 of 11 in cluster U**

Relative: **Lower**
Actual: **32 ft.**

SPILLS:
Name: COMMERCIAL LOT
Address: 95-65 TUCKERTON ST
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 1212351 / 2018-03-05
Facility ID: 1212351
Facility Type: ER
DER Facility ID: 430788
Site ID: 475498

COMMERCIAL LOT (Continued) **S112807574**

DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2012-11-14
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2012-11-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-11-21
Spill Record Last Update:	2018-04-09
Spiller Name:	Not reported
Spiller Company:	unk
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CARLOS
DEC Memo:	"1/14/13-Vought-Received call from Ezqi Karayel (Hydrotech 718-636-0800) who is consultant for owner. DEC Zhune on vacation. Karayel also sent email to Vought inquiring if I can take off the first layer of cement without removing any of the soil - that alone will take me 2-3 weeks and will not effect anything to do with the removal of the soil . Vought asked for basic info onsite in order to make possible decision and Karayel will call back Vought once she knows history of site. There are no tanks and soil contamination was noted during Phase I and Phase II above Unrestricted with respect to benzene and xylene and lead mostly in deep soil. PID readings above 1000ppm. Site is currently a parking lot but was historically a wrecking facility and automobile repair facility. Work Plan has been sumbitted to DEC. Work plan proposes installation of additional soil borings and monitoring wells. No info on future use as site may be developed and excavated as part of residential development. No letters from DEC Zhune. The site must not be developed until a RAP is sumbmitted and approved by DEC via verbal to Karayel. Vought noted that concrete could be removed IF IT DID NOT LIMIT FUTURE INVESTIGATION and asked for a scope of work and Karayel would return call to Vought with more information. Vought received email from Karayel that I talked with Steven Mendel (the client). He said they will only remove 6-8 inches and they will photo document everything. Also they are building a hotel at the site. Vought replied that the Department has no objections to the work as described above and that development of this site prior to remediation may pose a health risk to future site occupants and employees. A Remedial Action Plan (RAP) must be approved by the Department prior to site development. 9/5/13-Vought-Called and spoke to OER Chawla and he noted that DEC Sal Ervolina approved use of clean soil bank for NYC VCP sites and this was also extended to E-designation sites as well. OER Chawla noted that he offered the use of the clean soil bank to DEC O'Connell (Jane) and DEC Cozzy for NYS VCP sites but has not heard back from

COMMERCIAL LOT (Continued) **S112807574**

them. OER Chawla noted that DEC Brezner knew of clean soil bank and agreed that Brezner need to approve use of the clean soil bank to backfill this spill Site. DEC Zhune to follow up with Brezner as Vought will be on vacation. 10/16/12-Phase I was sent dated 10/16 /12. 9/23/13-Hydrotech emailed the Phase II Report dated December 6, 2012 the investigation consisted of a GPR and the installation and sampling of eight(8) soil probes. No anomalias inidcates of USTs were identified during the GPR survey. the eight probes were installed to a total depth of 16 feet , 1 soil sample was selected from each probe. The soil analitycal result indicates, four VOCs were detected in the soil sample from SP-1 and SP-3 at concntrations exceeding the limit. These VOCs include 1,2,4 trimethylbenzene, benzene, Ethylbenzene and total Xylenes. One VOC, Benzene, was detected in the soil sample from SP-2 at a concntration exceeding the limit. six VOCs were dected in the soil sample from SP-4 at concnetrations exceeding the limit. These VOCs include 1,2,4 trimethylbenzene, 1,3,5 trimethylbenzene, benzene, Ethylbenzene, n-prpylbenzene and total Xylenes. No VOCs were deteted in sample Sp-8 at concnetrations exceeding the limit. No SVOCs were present in any of the eight samples at concetrations exceeding the limit. Lead and Selenium were detected at concntrations exceeding the limit. Based on the findings during the phase II. Hydrotech sent the Investigation Work Plan dated 12/24/12. 04/4/13-Hydro Tech emailed the Subsurface Investigation dated April 4, 2013. The investigation consisted of the installation of six (6) soil probes and four (4) monitoring wells. The analitycal results reveal the presence of petroleum compounds in saturated soil at concentrations exceeding regulatory standards in soil samples from SP-10, SP-11, SP-12, Sp-13 and SP-14. Analitycal results indicate that the impact is present in the northern, central, and south-central portion of the property and present in the western poretion of the property. VOCs including BTEX and MTBE compounds were identified in monitoring well MW-1, MW-2 and MW4. Free product was identified in monitorind well MW-3.\\ 4/15/13-Based on the findings during the subsurface investigation. Hydrotech sent the Investigation Work Plan dated 4/15/13. 7/31/13-Hydrotech sent the revised remedial work plan dated 7/31/13 9/13/13-Hydrotech sent the revised remedial work plan dated 9/13/13 8/13/14-Hydrotech sent the Remedial Investigation Final Report dated 8/13/14. The report stated that the site was developed with a 5-story building utilized as a hotel with a full cellar and sub-cellar. The sub-cellar consisted of breakfast area, mechanical rooms, laundry room, compactor room and storage. The full cellar consisted of lobby area, 7 guest rooms and the remaining floor consisted of guest rooms. The impacted soil was excavated to approximately 17 .5 feet below grade and the results of the endpoint samples indicated a maximum concentration of 0.62 mg/kg (or 620ppb) benzene in soil sample EP-4. The depth to groundwater is approximately at 15 feet bg . The entire site footprint of the site was dewatered approximately 3 feet to aid with the installation of the foundation structure. Pre-treatment and post-treatment water samples from the development excavation were collected and the results indicated non-detected VOCs or SVOCs. A vapor barrier and 6-inch slab was also installed as part of the development.AS per Hydro Tech's September 2013 RAP, a Groundwater monitoring Program will be implemented at the Site. Hydro Tech will mobilize to the Site to install Four (4) monitoring wells in the sidewalks adjacent to the site. The monitoring program will consist of monthly monitoring of the wells and a quarterly groundwater sampling of wells which do not

COMMERCIAL LOT (Continued) **S112807574**

contain free product. The groundwater samples will be analyzed for volatile compounds (VOCs) via EPA method 8260. All aspects of the monitoring program will be documented in the form of Monitoring Reports and Quarterly Status Reports (QSR),which will subsequently be submitted to the NYSDEC. The estimated duration of the monitoring program is 12 month. At he end of the 12 month, It is anticipated that a Closure Report will be submitted to the NYSDEC.
4/1/2015-Hydrotech sent the Quarterly Sampling Report dated February 2015 to April2015. The report indicated a maximum concentration of 22 ug/lt benzene in a sidewalk monitoring well MW-4. 9/1/2015-Hydrotech sent the Quarterly Sampling Report dated July 2015 to September 2015. The report indicated a maximum concentration of 84 ug/lt benzene (200ppb) in a sidewalk monitoring well MW-4. 12/1/2015-Hydrotech sent the Quarterly Sampling Report dated October 2015 to December 2015. The report indicated a maximum concentration of 200 ug/lt benzene (200ppb) in a sidewalk monitoring well MW-4 2/13/17-Zhune sent the following email to Nathan. I am sending you an email regarding the above site regarding which we had separate email correspondence and you had inquired about the future use of the site as well as asked for a site summary. I have attached above the Remedial Action Report and the last Quarterly Sampling Report as well . I have also copied the consultant, Hydro Tech Environmental, above as well. The site was developed with a 5-story building utilized as a hotel with a full cellar and sub-cellar. The sub-cellar consisted of breakfast area, mechanical rooms, laundry room, compactor room and storage. The full cellar consisted of lobby area, 7 guest rooms and the remaining floor consisted of guest rooms. The December 2012 Phase II and the February 2013 subsurface investigation reports indicated soil and groundwater impacted. VOCS were detected in soil and groundwater above the standard limits beneath the northern, central and south portion of the site. The impacted soil was excavated to approximately 17 .5 feet below grade and the results of the endpoint samples indicated a maximum concentration of 0.62 mg/kg (or 620ppb) benzene in soil sample EP-4. The depth to groundwater is approximately at 15 feet bg . The entire site footprint of the site was dewatered approximately 3 feet to aid with the installation of the foundation structure.
Pre-treatment and post-treatment water samples from the development excavation were collected and the results indicated non-detected VOCs or SVOCs. A vapor barrier and 6-inch slab was also installed as part of the development. The last Quarterly Sampling Report dated October-December 2015, however, indicated a maximum concentration of 200 ug/lt benzene (200ppb) in a sidewalk monitoring well MW-4. We were concerned that the dissolved contamination in the groundwater which is proximal to the foundation may be a future vapor concern. As always thanks for review and please do not hesitate to get back to me with any questions, 2/13/17-Nathan sent the following email Is there any current groundwater data? This data is over a year old 2/13/17-Zhune sent the following email to Erica. The Department requires quarterly groundwater sampling at the above site. When is the next sampling event scheduled ?. If you need a requirement letter please let us know.\\ 3/23/17- In response of the quarterly sampling report dated January 29, 2015 for the quarter of October 2015 to December 2015 sampling, the Departmeent sent a letter dated March 23, 2017 to Mr. Steven Mendel and a copy of the letter to Erica Johnston from Hydro Tech requiring the following: 1.Quarterly Groundwater Sampling and Submission of Reports. 3/29/16-Jeff sent the following email to Nathan. Just in case you did not remember the Tuckerton site

COMMERCIAL LOT (Continued) **S112807574**

for which I forwarded you Veronica s requirement letter via separate email, see below email string if you need a proverbial refresher. We will keep you posted once we receive groundwater results. Thanks, I remember this one. Hopefully this letter gets the ball rolling and they collect a sample and we can see if we still have an issue 9/13/17-Erica.I am reaching out to you on the status of this spill site. I remember you sent out a letter earlier in the year. Can you please advise if any action has been taken at the site since then, or resend me the letter that states what is needed to close it out? 9/19/17-Paul.- i just left you a voice message. I appreciate if you can get back to me with a response to my inquiry about the closure of the spill at this site 9/19/17-Zhune to Paul-I am sending this email to loop in NYSDOH Nathan Walz on our discussion today where you noted that the above site has already been developed with a residential building. In a letter dated March 23, 2017, in consultation with NYSDOH Nathan Walz, the Department required another round of groundwater samples to examine concentration trends in relation to possibly causing a soil vapor intrusion concern into the new building that was going to be developed. Now that the site is developed and we were not provided the required groundwater data, NYSDOH s requirements may have changed. In past cases, NYSDOH has required the collection of indoor air samples to document that soil vapor intrusion from the residual groundwater contamination is not a concern to the occupants. I am reattaching our requirement letter below so Nathan may be informed and may issue additional requirements, if needed. Please let us know the status of the occupation and current use of the building 9/19/17-Paul-A small correction : the new development is a hotel and is not meant for residential use 9/20/17-Paul-- after reviewing your message below, I recalled a similar spill site in Manhattan, where remedial development activities and use are 100% consistent with this project and that spill was closed following interior air sampling that showed no evidence of indoor air impact. I would be great if we are able to follow this model with indoor air testing as a criteria for closing the spill at the site. 9/20/17-Nathan-Have all the MWs on-site been decommissioned, even the one in the side walk (MW-4 I think it was)? If so then I am on board with collecting indoor air samples at this site to determine if vapor intrusion is occurring. I believe in this case it would not be possible to collect concurrent soil vapor samples due to the fact that GW is at approximately 15 bgs and the cellar depth is at ~ 17 bgs, correct? Please submit a brief letter stating your proposed scope of work and SOPs for sample collection. Note this sampling should be conducted in the heating season (Dec March) to better assess whether vapor intrusion is occurring. Also, I recommend collecting one outdoor ambient air sample for comparative purposes. 9/20/17-Paul to Nathan- Nathan thanks for your response. With regard to the requested letter, please advise if this has to be in the form a work plan depicting the locations of indoor air samples and sampling and analytical methods for your comments and approval. 9/20/17-Nathan to Paul-So there are no wells present that can be sampled to gain an understanding of residual contamination in GW that is coming in contact with the building foundation? It doesn t need to be a full blow work plan, I don t need background info, RIR results and RAWP details, just a scope of work that provide the following details: " Anticipated sample date (heating season); " Figure with sample locations (recommend two locations indoors Gym / offices, i.e., occupied areas in basement level and one sample outdoors); "

COMMERCIAL LOT (Continued) **S112807574**

SUMMA can size 6L; " Samples collected at breathing height; " Sample collection duration - 8 hour; " Flow rate - less than 0.2L/min; " Analytical method EPA TO-15; " Conduct product inventory and fill out NYSDOH building questionnaire (attached)w; I will give it a quick review and provide any comments or concur with the scope of work. 9/20/17-Paul to Nathan-I checked with site ownership and all monitoring wells on-Site and off-site are no longer available for sampling following construction. I will prepare the letter with the information you requested. 9/20/17-Jeff to Paul -In addition to Nathan s requirements below, we are also going to have to re-install wells on the sidewalk to delineate the plume and ensure the site is not a threat to the wider community. Please also include well installation as part of the plan to NYSDOH and NYSDEC. 10/5/17-Paul to Veronica -Would you please send me a letter to obtain a DOT permit to install the missing MW-2 in attached plan. 10/5/17-Veronica to Paul-Yes, I will send it. 10/11/17-Paul to Veronica- Veronica please advise when I should anticipate receiving the letter I requested for the DOT permit. 10/17/18-Paul to Veronica -Veronica per your request, I am sending you the location of the wells to be listed in your letter to obtain the DOT permit. I included provision to install any of the wells that client indicated could be ac: " To install a monitoring well in sidewalk along Tuckerton Street to the west of 95-65 Tuckerton Street Please send me the letter as soon as posssible as our client want to proceed with this investigation soon. 10/17/18-The monitoring installation letter was sent to Paul on 10/17/18. 11/14/17-Paul to Nathan -Per your request I am presenting below the scope of work for the indoor air sampling at above spill site: -Indoor air assessment will be performed during the first week of December 2017 consistent with the onset of the heating season. Prior to sampling, normal indoor air temperatures will be maintained for a minimum of 24 hours. -One indoor air sample will be collected from a finished guest room located in the basement of the building as shown in attached plan. Simultaneously, an outdoor air sample will also be collected at the upwind direction at Site. -Samples will be collected utilizing 6-liter Summa Canisters fitted with a 4-hour laboratory flow regulator and the sampling will occur for the duration of four (4) hours. -Ambient air samples will be collected from typical breathing zone height. -Prior to sampling, the interior conditions of the building will be documented via a visual inspection to identify potential pathways of vapors in the building. The inspection will also include a preliminary screening using a PID, a survey of product inventory and filling out NYSDOH building questionnaire. -The two air samples will be analyzed for common VOCs via EPA Method TO+15. -Analytical results will be reported along the groundwater sampling data from off-site monitoring wells. Please advise if you have any comments on tsh scope of indoor air assessment. 11/15/17-Nathan to Paul email-I reviewed the scope of work you provided below and offer the following comments: 1.As previously discussed, two indoor air sampling locations and one outdoor ambient air is recommended. The location in Hotel Room C102 looks fine, please see attached modified figure for additional location placed in the vicinity of the Lobby adjacent to the elevator. If there is going to be vapor intrusion it would most likely occur near the elevator due to the additional contact with contaminated groundwater in the pit and the pumping action of the elevator as it travels up and down. 2.Please document on the chain of custody the start and finish pressure readings on the canisters, do

COMMERCIAL LOT (Continued) **S112807574**

not allow the canister to go ambient (i.e., zero inches of Hg). 3.Please verify with the laboratory that the flow rate for the canister regulators will not exceed 0.2 L/minute. 11/15/17-Paul to Nathan Email-Thanks for your message. I will make sure the scope of indoor air sampling is performed as specified in your message below. 11/16/17-Nathan to Paul-Thank you, let me know if anything comes up when you are out in the field collecting samples. 2/13/18-Paul to Nathan email-Please find attached the most recent groundwater investigation and indoor air assessment report for above spill site. Based upon our findings, I appreciate your consideration to close the spill at this site and issue a letter of No Further Action. The report indicates, the total VOC concentrations range from 2.7 ug/l in MW-2 to 14.4 ug/l detected in MW-4. The remaining total VOC concnetrations includes 5.6 ug /l in MW-1 and 8.3 ug/l in MW-3. One individual compound benzene was detected in MW-4 at a concentration of 12 ug/l that exceeds its respective GQS of 1 ug/l. The analytical results of air samples indicates a range of organic and chlorinated hydrocarbons were detected the indoor and outdoor air samples at comparable concentrations, Specifiacally, organic compounds typical of gasoline vapors were detected at trace concntrations below 9.6 ug/m3 and include compounds such as 1,2,4-trimethylbenzene, benzene, ethylbenzene, xylenes and toluene. Chlorinated compounds detected in indoor included Trichloroethylene (0.1 ug/m3) Methylene chloride (maximum 4 ug/m3) and tetrachloroethylene (maximum 18 ug.m3)and their concentrations were below the NYSDOH guidance levels. 2/16/18-Veronica to Nathan -Did you review the report for the above address. It was emailed on 2/13/18. 1/16/18-Nathan to Paul-I have reviewed the report for the above referenced site, based on that review I offer the following comments and recommendation: 1.Based on previous correspondence I believe that one of the indoor air locations was going to be in Hotel Room C102, however, this report states it was collected from the telecom room; 2.I disagree with the second bullet of the conclusions and recommendations The Air Assessment did not reveal any soil vapor intrusion impact that would warrant the implementation of mitigation measures . The indoor air assessment identified PCE at a concentration of 18 ug/m3, while this concentration is below the Air Guideline Value of 30 ug/m3, it is above typical background concentration 90th percentile of 2.9 ug/m3; 3.When comparing the indoor air concentration of PCE to the NYSDOH SVI matrix B, a level of 18 ug/m3 in the indoor air and the lowest corresponding level in soil vapor; it is recommended that a source be identified, resampling occur or the structure be mitigated; 4.I recommend that resampling of the indoor air occur, however, this time not in the telecom room. A room that will be occupied by guests or employees should be chosen as it will be more representative location and eliminate potential interferes that could be associated with the telecom room. 2/16/18-Paul to Nathan-Nathan I wanted to emphasize that the site has a sub-basement (partially above ground) and a basement (entirely sub-grade). Initially, there was a confusion when requesting the basement plan from developer that turned out to be for the sub-basement floor (that he calls basement) showing guest rooms etc& There are no guest rooms in basement but a cafeteria, a laundry room and mechanical/utility rooms. Mechanical rooms are passively aerated via openwall vaults along Liberty Avenue to the south. IA-2 Elevator- is collected right next to the cafeteria which is surrounded by mechanical rooms in southern portion of basement facing Liberty Avenue and is wide open to central hallway in basement. The

COMMERCIAL LOT (Continued) **S112807574**

telecom room is located in the northern portion of basement (rear of the basement) near laundry room and a storage room. As for the detected PCE, it is not considered a contaminant of concern for this spill site as it was not identified previously in any sampling events in soil or groundwater. Since PCE was also detected in outside air and due to fact that soil vapor intrusion is prevented by the waterproofing vapor barrier installed beneath the building at this site, it is likely that the detection of this compound it caused by interferences from outdoor during aeration of mechanical rooms and the lack of air circulation in the rear tele-communication room. 2/21/18-Nathen to Paul-Thanks for the reply, and clarification on the actual layout of the building sub-grade construction. The concentration of PCE in outdoor air (0.4 ug/m3) was lower than the telecom room (18 ug/m3), it is not possible for PCE to become more concentrated in the indoor air. Bottom line is that PCE still showed up at a concentration six times higher than the 90% percentile background level, perhaps it was from a product that was used in the telecom room prior to the sampling? Resampling the indoor air in an area that will representative of actual usage of guests should occur this heating season to verify there are no PCE impacts to the building. 2/21/18-Paul to Nathan to Veronica email-Nathan thanks for your response. Veronica will you please issue a letter with Nathan s Statement to our client and whether you agree with our recommendations to close the spill via MNA. 2/21/18-Nathan to Andre and Veronica email- Andre / Veronica,As we have previously discussed, if the spill is closed there will be no mechanism to require follow-up with SVI/ IAQ issues. I believe it is best to conduct a resample to verify no impacts to indoor air; from a liability standpoint for the client I think they should agree. I m going to ask Paul to determine if there are any dry-cleaning operations at that basement laundry facility, whether on-site or delivery to rule out potential source 2/21/18-Nathan to Paul email -One last quick question, do you know whether there are dry-cleaning services offered by the hotel either on-site or delivery? 2/21/18-Paul to Nathan email -Nathan Per owner, hotel laundry cleaned at dry cleaners are from time to time stored in basement. 2/27/18-Natan to Andre and Veronica email - Mike Hughes and I discussed this particular situation with Chris D Andrea NYCDOH and we concluded that give the use of the area and intermittent dry-cleaning drop-off; no further action regarding SVI is necessary. Spill Closed. "

Remarks: "cleanup pending"

All Materials:

Site ID:	475498
Operable Unit ID:	1225332
Operable Unit:	01
Material ID:	2222623
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Q223 **LOT 23,TAXBLOCK 10026** **NY E DESIGNATION** **S108983444**
SW **95-38 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.110 mi.
582 ft. **Site 5 of 9 in cluster Q**

Relative: **Higher**
Actual: **44 ft.**

E DESIGNATION:

Name:	LOT 23,TAXBLOCK 10026
Address:	95-38 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	23
Tax Block:	10026
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

V224 **DRUM RUN** **NY Spills** **S110769158**
NE **TUCKERTON STREET AND 157TH** **N/A**
< 1/8 **QUEENS, NY**
0.111 mi.
584 ft. **Site 1 of 2 in cluster V**

Relative: **Lower**
Actual: **35 ft.**

SPILLS:

Name:	DRUM RUN
Address:	TUCKERTON STREET AND 157TH
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1012600 / 2011-04-05
Facility ID:	1012600
Facility Type:	ER
DER Facility ID:	401401
Site ID:	446776
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2011-03-17
Investigator:	HRAHMED
Referred To:	Not reported
Reported to Dept:	2011-03-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-03-17

DRUM RUN (Continued) **S110769158**

Spill Record Last Update:	2011-04-05
Spiller Name:	Not reported
Spiller Company:	unk
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DEP HAZMAT
DEC Memo:	"03/16/11- Zhune. DEP confirmed that it's waste oil. 4/5/11-HRAHMED-One 55 gal plastic drum was pumped out by Fenly & Nicol during DRUM RUN on 4/5/11. DEP and Sanitation were notified. This case is closed. "
Remarks:	"ABANDONDED DRUM 55 GAL. CONTAINED."

All Materials:

Site ID:	446776
Operable Unit ID:	1196914
Operable Unit:	01
Material ID:	2193262
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

V225 **DRUM RUN** **NY Spills** **S121119485**
NE **157TH ST AND TUCKERTON ST** **N/A**
< 1/8 **JAMAICA, NY**
0.111 mi.
584 ft. **Site 2 of 2 in cluster V**

Relative: **Lower**

Actual: **35 ft.**

SPILLS:

Name:	DRUM RUN
Address:	157TH ST AND TUCKERTON ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	1706620 / 2017-10-31
Facility ID:	1706620
Facility Type:	ER
DER Facility ID:	514570
Site ID:	560942
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C2
SWIS:	4101
Spill Date:	2017-10-06
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2017-10-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

DRUM RUN (Continued) **S121119485**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-10-06
Spill Record Last Update:	2017-10-31
Spiller Name:	Not reported
Spiller Company:	ABANDONED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHEN, XI
DEC Memo:	"10/10/17-Vought-During performance of weekly statistics Vought noted this spill as Unassigned. Spill assigned to DEC Piper after discussion with him as he is supervising Drum Run Program. 10/10/17-Zhune spoke to Xi Chen from NYC DEP Hazmat. Xi said someone reported the abandoned drum. They went there and tested the contain in the drum and found out waste oil motor oil. The drum is safe they put caution paper arround the drum. the drum is locatedat 157 near Truckerton street. 10/31/17- DEC Piper- drum not found as part of 10/27/17 drum run. Spill closed."
Remarks:	"abandoned drum on skid -"

All Materials:

Site ID:	560942
Operable Unit ID:	1308929
Operable Unit:	01
Material ID:	2315959
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	55.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

O226 **A & J SCRAP METAL PROCESSING** **NY SWF/LF** **S108145830**
ENE **95-49 TUCKERTON STREET** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.111 mi.
584 ft. **Site 15 of 20 in cluster O**

Relative: **Lower**

Actual: **34 ft.**

SWF/LF:

Name:	EAST COAST AUTO SALVAGE INC
Address:	95-50 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Flag:	ACTIVE
Region Code:	2
Phone Number:	7187392025
Owner Name:	East Coast Auto Salvage Inc
Owner Type:	Private
Owner Address:	95-50 Tuckerton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11435
Owner Email:	eastcoastny@aol.com
Owner Phone:	7187392025
Contact Name:	Paul Scaglione
Contact Address:	95-50 Tuckerton Street
Contact Addr2:	Not reported

A & J SCRAP METAL PROCESSING (Continued) **S108145830**

Contact City,St,Zip:	Jamaica, NY 11435
Contact Email:	Not reported
Contact Phone:	7187392025
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7056431]
Active:	Yes
East Coordinate:	601282
North Coordinate:	4506165
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Name:	LIBERTY SCRAP METAL INC
Address:	95-49 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Flag:	ACTIVE
Region Code:	2
Phone Number:	7186576900
Owner Name:	Liberty Scrap Metal Inc
Owner Type:	Private
Owner Address:	95-49 Tuckerton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11433
Owner Email:	Not reported
Owner Phone:	7186576900
Contact Name:	Frank Agnello
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	7186576900
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7115342]
Active:	Yes
East Coordinate:	601279
North Coordinate:	4506179
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Name:	A & J SCRAP METAL PROCESSING
Address:	95-49 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2

A & J SCRAP METAL PROCESSING (Continued) **S108145830**

Phone Number:	7186576900
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	601284
North Coordinate:	4506171
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	John Gatti
Operator Type:	Not reported
Laste Date:	Not reported

O227 **AJ SCRAP METAL** **NY Spills** **S109060884**
ENE **9549 TUCKERTON STREET** **N/A**
< 1/8 **QUEENS, NY**
0.111 mi.
584 ft. **Site 16 of 20 in cluster O**

Relative: **Lower**
Actual: **34 ft.**

SPILLS:

Name:	AJ SCRAP METAL
Address:	9549 TUCKERTON STREET
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0713517 / 2008-08-01
Facility ID:	0713517
Facility Type:	ER
DER Facility ID:	344810
Site ID:	395282
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	4101
Spill Date:	2008-03-13
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2008-03-22
CID:	78
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

AJ SCRAP METAL (Continued) **S109060884**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-24
Spill Record Last Update:	2008-08-01
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	DEC OKONUK
DEC Memo:	"03/25/08 I went to inspect the spill site, access was denied by the onsite personnel. I notices black oil like substance on the yard, could not inspect or take pictures.(sr) 04/08/08 Letter requiring Investigation and Remediation Work Plan to identify the extent and address of release,mailed out to A&J Scrap Metal Processing, LLC 95-49 Tuckerton Street Queens, NY 11433 Attn: John A. Gatti (sr) 08/01/08 Rec's letter response from Metropolitan with photographs.Spill was cleaned with speedy dry and put in a drum for disposal.In addition,the floor is fully covered with 7 to 12 thick impervious concrete, as per Metropolitan.They also claimed that there was no big spill happened on the property, only a minor spill that was taken care of.Photographs show clean trench and premises.(sr) "
Remarks:	"She was working with NYPD, and discovered petro. product all over the ground. Occurred on March 13th. Employee punctured a gas tank and let it drain into a sewer drain. Also there is Antifreeze and oil on the ground. NOTE: Large pit bull inside the facility. "

All Materials:

Site ID:	395282
Operable Unit ID:	1152226
Operable Unit:	01
Material ID:	2143002
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	395282
Operable Unit ID:	1152226
Operable Unit:	01
Material ID:	2143001
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	395282
Operable Unit ID:	1152226
Operable Unit:	01

AJ SCRAP METAL (Continued) **S109060884**

Material ID:	2143003
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

O228 **LIBERTY SCRAP METAL INC.** **NY AST** **A100317693**
ENE **95-49 TUCKERTON STREET** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.111 mi.
584 ft. **Site 17 of 20 in cluster O**

Relative: **Lower**
Actual: **34 ft.**

AST:

Name:	LIBERTY SCRAP METAL INC.
Address:	95-49 TUCKERTON STREET
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-610668
Program Type:	PBS
UTM X:	601328.20174
UTM Y:	4505749.99910
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	388076
Affiliation Type:	Mail Contact
Company Name:	LIBERTY SCRAP METAL INC.
Contact Type:	Not reported
Contact Name:	FRANK AGNELLO
Address1:	95-49 TUCKERTON STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 657-6900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-01-02

Site Id:	388076
Affiliation Type:	Facility Operator
Company Name:	LIBERTY SCRAP METAL INC.
Contact Type:	Not reported
Contact Name:	FRANK AGNELLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

LIBERTY SCRAP METAL INC. (Continued) **A100317693**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 657-6900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-01-02

Site Id:	388076
Affiliation Type:	Emergency Contact
Company Name:	LIBERTY SCRAP METAL INC.
Contact Type:	Not reported
Contact Name:	FRANK ANGELLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 532-3065
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-01-02

Site Id:	388076
Affiliation Type:	Facility Owner
Company Name:	LIBERTY SCRAP METAL INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	95-49 TUCKERTON ST
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 657-6900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-01-02

Tank Info:

Tank Number:	002
Tank Id:	219706
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

LIBERTY SCRAP METAL INC. (Continued) **A100317693**

A01 - Tank Internal Protection - Epoxy Liner
I00 - Overfill - None
E00 - Piping Secondary Containment - None
G10 - Tank Secondary Containment - Impervious Underlayment
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
J00 - Dispenser - None

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/2012
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/18/2015
Register:	True
Modified By:	HDDUPIGN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

O229 **JUNKYARD** **NY Spills** **S109942840**
ENE **95-49 TUCKERTON ST** **N/A**
< 1/8 **QUEENS, NY**
0.111 mi.
584 ft. **Site 18 of 20 in cluster O**

Relative: **Lower**
Actual: **34 ft.**

SPILLS:

Name:	JUNKYARD
Address:	95-49 TUCKERTON ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1213606 / 2012-12-20
Facility ID:	1213606
Facility Type:	ER
DER Facility ID:	432121
Site ID:	476809
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	4101
Spill Date:	2012-12-17
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2012-12-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-12-17
Spill Record Last Update:	2012-12-20

JUNKYARD (Continued) **S109942840**

Spiller Name:	MITCH
Spiller Company:	JUNKYARD
Spiller Address:	95-49 TUCKERTON ST
Spiller Company:	999
Contact Name:	MITCH
DEC Memo:	"12/17/12-Zhune spoke to Fire Fighter Mitch(347-203-6886). He said there is a fire at the junk yard and the water used to put out the fire is mixing with motor oil, gasoline and antifreeze from the cars and is going into the sewer. DEP is notified. No soil affected. "
Remarks:	"four alarm fire has caused fluids from junk yard to mix with water and enter sewer/soil"

All Materials:

Site ID:	476809
Operable Unit ID:	1226624
Operable Unit:	01
Material ID:	2223960
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Site ID:	476809
Operable Unit ID:	1226624
Operable Unit:	01
Material ID:	2223958
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Site ID:	476809
Operable Unit ID:	1226624
Operable Unit:	01
Material ID:	2223959
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	A AND J SCRAP METAL
Address:	95-49 TUCKERTON STREET
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0906446 / 2009-09-14
Facility ID:	0906446

JUNKYARD (Continued) **S109942840**

Facility Type:	ER
DER Facility ID:	367879
Site ID:	418781
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	B3
SWIS:	4101
Spill Date:	2009-09-03
Investigator:	RVKETANI
Referred To:	Not reported
Reported to Dept:	2009-09-03
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-09-03
Spill Record Last Update:	2009-09-14
Spiller Name:	JOHN GATTI
Spiller Company:	A AND J SCRAP METAL
Spiller Address:	95-49 TUCKERTON STREET
Spiller Company:	999
Contact Name:	SALVEMINO
DEC Memo:	"9/3/09 - Raphael Ketani. The spill took place at A and J Scrap Metal, 95-49 Tuckerton Street in Jamaica. The spill consisted of the deliberate release of gasoline onto the ground. Stephanie Salvemini of Region 2 DSHM (cell (516) 376-4288) was on site to observe the release. She was there as part of a series of inspections by DSHM of junk yards. Ms. Salvemini told me that a forklift operator picked up a car, turned it on its side, and then punctured the tank, which allowed the gas to flow onto the ground. When she tried to speak to the workers about this, three of them surrounded her. She said that she felt threatened and left the site. I reported this to Randall Austin, Chief of the Spills Unit. He contacted Paul John, E E 4 and head of the Region 2 DSHM. He told Mr. John about what happened with Ms. Salvemini and then contacted the ECO duty desk to have an ECO go down to the site. ========== A previous spill was called in on 3/22/08 and was assigned #0713517. It consisted of the release of oil onto the ground. Sharif Rahman, the case manager, wrote that the site is covered by 7 to 12 inches of concrete. The spill was cleaned up. The drains didn't show any sign of oil. So Mr. Rahman closed this previous spill case. ========== 9/14/09 - Raphael Ketani. I made an unannounced site visit today. The office address for the site is 155-11 Liberty Avenue, but one enters the main work area through a red, very large, steel gate at 95-49 Tuckerton Street. The two properties are connected and form an L shape. I met the owner John Gatti. Mr. Gatti said that he bought the site back in March 2008. He showed me pictures of the site when it was A2000 Auto Parts. The site

JUNKYARD (Continued) **S109942840**

had pools of motor oil and looked to be very messy and disorganized. He also showed me receipts for some of the liquids that were carted away. He showed me boxes of mercury switches that he was recovering from the cars before they are crushed. He said that he sells them to a mercury recycler. Next, he showed me the main work area and the gasoline storage tank (see E-docs). The work area had many locations with Speedi Dri spread around, but I didn't see any free product. The entire site was covered in concrete. Flattened cars were piled high, but nothing appeared to be draining from them. Mr. Gatti said that he had installed an oil water separator and was recovering the oil for disposal. Batteries were piled on a pallet with thick cardboard separating and covering the layers of batteries. Nothing was draining from the batteries. Mr. Gatti commented that the storage tank was the site of the gasoline spill that Ms. Salvemini of Solid Waste had seen. He said that the spill resulted from work being done too fast. However, now he had slowed things down a little. I didn't see any free product next to the tank. There was a thin veneer of Speedi Dri next to the tank, but nothing else. The tank itself was dry on the outside. Mr. Gatti said that the way they recover the gas is to first remove the gas tank from the individual car with the gas in it. Then they bring the tank over to the storage tank and transfer the gas into the storage tank. He said that this is when they make a hole in the tank, and, sometimes, a little gas is spilled. However, he said that his crew always puts down Speedi Dri. I saw an old gas buggy nearby. Mr. Gatti said that they did use this device in the beginning, but it's broken and so they don't use it anymore. There are no plans to purchase a new one. The area in the vicinity of the gas buggy and the gas storage tank smelled moderately of gas, but I could not see any signs of product on the ground. Mr. Gotti then showed me the car crusher. He said that even after they drain the cars, there may still be a little bit of liquid left. So the car crusher drains the liquids to one corner. The liquids drain from this corner to a bucket just below. I looked in the bucket and there was only a little bit of oil floating on top of mostly water. I told Mr. Gatti to see to it that someone drains off the oil and properly disposes of the water. He said he will. Next, we went to the location where the motor oil, transmission fluid, and antifreeze are collected. This was a covered area with Speedi Dri all over the concrete floor. However, there were no signs of free product or Speed Dri that was spent. There were two collection devices with hoses that lead from funnels and to small holding tanks (see E-docs). Mr. Gatti said that the motor oil is transfered from the small holding tank to the large waste oil holding tank nearby. This tank has a PBS registration #2-610668. I didn't see any signs of spilled oil. Mr. Gatti also showed me blue plastic drums for holding the transmission fluid and the antifreeze (see E-docs). Before leaving, I took one last look at the main work area. Workers were washing and sweeping the area. There was a zipper drain just after the weigh scales and another zipper drain just inside of the entrance from Liberty Avenue. Mr. Gatti said that he added both drains after he bought the place. No fluids were leaving the site. He also showed me a small bobcat front loader with a rotating brush in front. He said that he sweeps the site daily. The only issue I had was a small pool of what looked like a mixture of oil, water, and sludge. I told Mr. Gatti to remove this collection of liquids. He said that he will do this. After this, I left. As there appeared to be no free product on the ground, and the ground was protected by concrete that was in reasonable

JUNKYARD (Continued) **S109942840**

condition, and since the gas spill had been cleaned up, and since there appeared to be no threat to the public or the environment, I am closed the spill case. "

Remarks: "car crushing operation...no containment"

All Materials:

Site ID:	418781
Operable Unit ID:	1174945
Operable Unit:	01
Material ID:	2167358
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	Not reported
Recovered:	1.00
Oxygenate:	Not reported

O230 **PAVEMENT / STREET** **NY Spills** **S121984741**
ENE **95-49 TUCKERTON ST** **N/A**
< 1/8 **QUEENS, NY**
0.111 mi.
584 ft. **Site 19 of 20 in cluster O**

Relative: **Lower**

Actual: **34 ft.**

SPILLS:

Name:	PAVEMENT / STREET
Address:	95-49 TUCKERTON ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1800198 / 2018-04-09
Facility ID:	1800198
Facility Type:	ER
DER Facility ID:	432121
Site ID:	568684
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2018-04-06
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2018-04-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-04-06
Spill Record Last Update:	2018-04-09
Spiller Name:	ANDREW KELLY
Spiller Company:	UNKNOWN
Spiller Address:	95-49 TUCKERTON ST

PAVEMENT / STREET (Continued) **S121984741**

Spiller Company: 999
Contact Name: ANDREW KELLY
DEC Memo: "4/6/18-Zhune spoke to Andrew Kelly from DEP. Andrew said on March 27-2018 he received a complaint about oil in the catch basin. He went to the site and no oil was found in the catch basin. He found a coat of oil in the entire street from Liberty Street to Tuckerton street. 4/6/18-Zhune called Sanitation Department and spoke to Andrew. He said that he will call his supervisor to go there or they will call DEP. As per Andrew DEP have to clean the spill. 4/9/18 Paul email to Steven Mandel(owner of hotel at 95-49 Tuckerton Street) I received a call from NYSDEC advising me that the DEP contacted them regarding an oil release listed for your property at Tuckerton Ave and the oil is all over liberty Ave. Can you please advise if this spill is occurred on your site. I appreciate your expedite response. 4/9/18- email from Jamie Bellamy to Steven Mandel. No but oil is always all over the street on Tuckerton its from the junk yard not us. 4/9/18-Zhune spoke to Andrew from Sanitation Department. Andrew said they served the spill. Spill was cleaned. Spill closed. "
Remarks: "caller state "junk yard row" tuckerton st is covered in a black material clean up is pending"

All Materials:
Site ID: 568684
Operable Unit ID: 1316558
Operable Unit: 01
Material ID: 2324312
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

P231 **LOT 25,TAXBLOCK 9993** **NY E DESIGNATION** **S108983491**
West **94-18 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.111 mi.
585 ft. **Site 9 of 15 in cluster P**

Relative: **Higher**
Actual: **43 ft.**

E DESIGNATION:
Name: LOT 25,TAXBLOCK 9993
Address: 94-18 SUTPHIN BOULEVARD
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 25
Tax Block: 9993
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

LOT 25,TAXBLOCK 9993 (Continued) **S108983491**

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Q232 **97-18 SUTPHIN BLVD** **NY VCP** **S125317254**
SW **97-18 SUTPHIN BLVD** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.111 mi.
586 ft. **Site 6 of 9 in cluster Q**

Relative:
Higher

Actual:
43 ft.

VCP NYC:
Project ID: 19TMP0336Q, 19EH-A100Q, 19CVCP049Q
Name: 97-18 SUTPHIN BLVD
Address: 97-18 SUTPHIN BLVD
City,State,Zip: NEW YORK CITY, NY
Borough: Queens

Q233 **BP JAMAICA** **NY UST** **U001833045**
SSW **97-44 SUTPHIN BOULEVARD** **NY Spills** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.111 mi.
588 ft. **Site 7 of 9 in cluster Q**

Relative:
Higher

Actual:
42 ft.

UST:
Name: BP JAMAICA
Address: 97-44 SUTPHIN BOULEVARD
City,State,Zip: JAMAICA, NY 11435
Id/Status: 2-191426 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/19/2023
UTM X: 600911.84621
UTM Y: 4505803.88008
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 5965
Affiliation Type: Mail Contact
Company Name: PALMANA REALTY CORP
Contact Type: IT MANAGER
Contact Name: ELMOUBARACK DABO
Address1: 275 MADISON AVE. 37TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (646) 612-7350
EMail: EDABO@LARGAVISTA.COM
Fax Number: Not reported
Modified By: DMPOKRZY

BP JAMAICA (Continued) **U001833045**

Date Last Modified:	2018-01-19
Site Id:	5965
Affiliation Type:	Facility Operator
Company Name:	BP JAMAICA
Contact Type:	Not reported
Contact Name:	GUO H LAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-7299
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AYLAGATI
Date Last Modified:	2017-03-03
Site Id:	5965
Affiliation Type:	Facility Owner
Company Name:	PALMANA REALTY CORP
Contact Type:	IT MANAGER
Contact Name:	ELMOUBARACK DABO
Address1:	275 MADISON AVE. 37TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(646) 612-7350
EMail:	EDABO@LARGAVISTA.COM
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2018-01-19
Site Id:	5965
Affiliation Type:	Emergency Contact
Company Name:	PALMANA REALTY CORP
Contact Type:	Not reported
Contact Name:	ELMOUBARACK DABO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 612-7324
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-27

Tank Info:

Tank Number:	001
Tank ID:	7502

BP JAMAICA (Continued) **U001833045**

Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	06/01/1985
Date Tank Closed:	06/30/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	12/07/2000
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F08 - Pipe External Protection - Retrofitted Impressed Current
B08 - Tank External Protection - Retrofitted Impressed Current
H99 - Tank Leak Detection - Other

Tank Number:	002
Tank ID:	7503
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	06/01/1985
Date Tank Closed:	06/30/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	12/07/2000
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None

BP JAMAICA (Continued) **U001833045**

B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
B08 - Tank External Protection - Retrofitted Impressed Current
H99 - Tank Leak Detection - Other
F08 - Pipe External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 7504
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1985
Date Tank Closed: 06/30/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 11/23/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
F08 - Pipe External Protection - Retrofitted Impressed Current
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 004
Tank ID: 7505
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1985
Date Tank Closed: 06/30/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

BP JAMAICA (Continued) **U001833045**

Tightness Test Method: 21
Date Test: 11/23/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B08 - Tank External Protection - Retrofitted Impressed Current
F08 - Pipe External Protection - Retrofitted Impressed Current
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H99 - Tank Leak Detection - Other

Tank Number: 005
Tank ID: 7506
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1985
Date Tank Closed: 06/30/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 11/23/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
F08 - Pipe External Protection - Retrofitted Impressed Current
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

Tank Number: 01

BP JAMAICA (Continued) **U001833045**

Tank ID: 222641
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 03/19/2008
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DAFRANCI
Last Modified: 06/14/2019

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 02A
Tank ID: 222642
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 7000
Install Date: 03/19/2008
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DAFRANCI
Last Modified: 06/14/2019

Equipment Records:

BP JAMAICA (Continued) **U001833045**

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	02B
Tank ID:	222643
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	5000
Install Date:	03/19/2008
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	06/14/2019

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)

SPILLS:

Name:	GASETERIA
Address:	97-44 SUTPHIN BLVD

BP JAMAICA (Continued) **U001833045**

City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9408105 / 2009-09-16
Facility ID:	9408105
Facility Type:	ER
DER Facility ID:	175697
Site ID:	212031
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	4101
Spill Date:	1994-09-14
Investigator:	aaobliga
Referred To:	NFA, 9/16/09
Reported to Dept:	1994-09-19
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-28
Spill Record Last Update:	2009-09-16
Spiller Name:	Not reported
Spiller Company:	GASETERIA
Spiller Address:	97-44 SUTPHIN BLVD
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 1/12/2004-Vought-Spill transferred from Rommel to Vought. SPILL TRANSFERRED FROM VOUGHT TO OBLIGADO 10/11/07 - UST Closure Report received by Department. 12/18/07 - Obligado - Reviewed UST Closure Report. 5 underground storage tanks were removed and disposed of off-site. 450 tons of soil from the tank excavtion nwas disposed of off site at Clean Earth of Carteret, Inc. Manifests were attached. Endpoint samples reveal one soil result above allowable soil concentratiosn at 160 ug/kg n-butylbenzene. 3 new tanks were installed. The PBS registration has been updated. After review of site and file, determine a subsurface investigation is warranted as site is in Jamaica Public Well Supply Field and ground water impact has not investigated. I sent a letter to Palmana Realty and ccd to Steve Muller via email. 2/22/08 - Obligado - Reviwed Investigation Work Plan. Proposes 5 soil borings, collection of soil samples from high PID interval and water table, collection of ground water samples, and installation of a minimum of 3 wells if contamination is detected. Submission of a summary report within 60 days. I sent Steve Muller an emailed approval cc to RP and Joe Sun. 3/28/08 - Obligado - Phone conversation with STeve Muller. He said they found impacts and they will need to install wells. He will submit the report on time. 5/19/08 - Obligado - Reviewed Investigation Summary Letter - Max BTEX 450 ug/L. Proposes monitoring. Due to relativel low levels I approved of monitoring only at this time but may require additional investigaiton/remediation based on future smapling. 8/20/08 - Obligado - Meeting with Gasteria/ASR/DEC. Agree to 1 additiona well

BP JAMAICA (Continued) **U001833045**

installed across 146th street at corner of Liberty. Submit workplan by September 15. 10/8/08 - Obligado - review workplan. Proposes 1 additional well, soil and ground water sampling. 10/10/08 - Obligado - Sent approval letter. 4/16/09 - Obligado - Received a call from Zach Schreiber (212)718-3056, from the NYC Office of Remediation. He inquired about the spill. The site is an E designated site. I gave him provided him information about the spill . He is going to issue letter of no objection to Gaseteria to operate gas station. 9/16/09 - Obligado - Review spill closure request. According to report, 450 tons of soil removed during tank pull. The endpoint samples were below SCOs. 6 quarters of ground water sampling show only low level VOCs. Maximum Total BTEX is 134 ug/L at ASR3, and appears to be decreasing from initial high of 450 ug/L. MTBE is ND. After discussion with DEC Tibbe, this case has been closed. Sent Spill Closure Letter."

Remarks: "TO TEST TANK (TOMASELLO)"

All Materials:

Site ID:	212031
Operable Unit ID:	1002240
Operable Unit:	01
Material ID:	377549
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Q234 **BP JAMAICA** **NY AST** **A100479219**
SSW **97-44 SUTPHIN BOULEVARD** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.111 mi.
588 ft. **Site 8 of 9 in cluster Q**

Relative:
Higher

Actual:
42 ft.

AST:

Name:	BP JAMAICA
Address:	97-44 SUTPHIN BOULEVARD
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-191426
Program Type:	PBS
UTM X:	600911.84621
UTM Y:	4505803.88008
Expiration Date:	03/19/2023
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	5965
Affiliation Type:	Mail Contact
Company Name:	PALMANA REALTY CORP
Contact Type:	IT MANAGER
Contact Name:	ELMOUBARACK DABO
Address1:	275 MADISON AVE. 37TH FLOOR

BP JAMAICA (Continued) **A100479219**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(646) 612-7350
EMail:	EDABO@LARGAVISTA.COM
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2018-01-19

Site Id:	5965
Affiliation Type:	Facility Operator
Company Name:	BP JAMAICA
Contact Type:	Not reported
Contact Name:	GUO H LAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-7299
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AYLAGATI
Date Last Modified:	2017-03-03

Site Id:	5965
Affiliation Type:	Facility Owner
Company Name:	PALMANA REALTY CORP
Contact Type:	IT MANAGER
Contact Name:	ELMOUBARACK DABO
Address1:	275 MADISON AVE. 37TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(646) 612-7350
EMail:	EDABO@LARGAVISTA.COM
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2018-01-19

Site Id:	5965
Affiliation Type:	Emergency Contact
Company Name:	PALMANA REALTY CORP
Contact Type:	Not reported
Contact Name:	ELMOUBARACK DABO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 612-7324

BP JAMAICA (Continued) **A100479219**

EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2019-03-27

Tank Info:

Tank Number: 03
Tank Id: 280804

Equipment Records:

E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
G12 - Tank Secondary Containment - Double-Walled (AG only)
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/13/2017
Capacity Gallons: 133
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI
Last Modified: 06/14/2019
Material Name: diesel

Q235 **LIBERTY SUTPHIN SERVICE STN** **EDR Hist Auto** **1020323899**
SSW **97-44 SUTPHIN AVE** **N/A**
< 1/8 **JAMAICA, NY 11432**
0.111 mi.
588 ft. **Site 9 of 9 in cluster Q**

Relative: EDR Hist Auto
Higher

Actual: **42 ft.**

Year:	Name:	Type:
1969	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1970	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1971	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1972	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1973	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1974	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1975	RAYS LIBERTY SUTPHIN SV STN	Gasoline Service Stations
1979	LIBERTY SUTPHIN SERVICE STN	Automotive Repair Shops, NEC
1980	LIBERTY SUTPHIN SERVICE STN	Automotive Repair Shops, NEC
1982	LIBERTY SUTPHIN SERVICE STN	Automotive Repair Shops, NEC

LIBERTY SUTPHIN SERVICE STN (Continued) **1020323899**

1983	LIBERTY SUTPHIN SERVICE STN	Automotive Repair Shops, NEC
2009	GASTERIA OIL CORP	Gasoline Service Stations
2010	GASTERIA OIL CORP	Gasoline Service Stations
2011	GASTERIA OIL CORP	Gasoline Service Stations
2012	GASTERIA OIL CORP	Gasoline Service Stations
2013	GASTERIA OIL CORP	Gasoline Service Stations
2014	GASTERIA OIL CORP	Gasoline Service Stations
2014	BP GASOLINE STATION	Gasoline Service Stations

P236 **LOT 24,TAXBLOCK 9993** **NY E DESIGNATION** **S108983469**
West **94-16 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.112 mi.
591 ft. **Site 10 of 15 in cluster P**

Relative: **Higher**
Actual: **43 ft.**

E DESIGNATION:

Name:	LOT 24,TAXBLOCK 9993
Address:	94-16 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	24
Tax Block:	9993
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

L237 **JAMAICA RECYCLING METAL HEAVEN** **NY SWRCY** **S105842304**
South **147-20 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11433**
0.112 mi.
592 ft. **Site 13 of 13 in cluster L**

Relative: **Higher**
Actual: **38 ft.**

SWRCY:

Name:	JAMAICA RECYCLING METAL HEAVEN
Address:	147-20 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
Region:	2
Facility Address 2:	Not reported
Phone Number:	Not reported
Owner Type:	Not reported
Owner Name:	Not reported

JAMAICA RECYCLING METAL HEAVEN (Continued) **S105842304**

Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PETE CABRERA
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M61]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

W238 **LOT 22,TAXBLOCK 10062** **NY E DESIGNATION** **S108983434**
SE **150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.112 mi.
593 ft. **Site 1 of 4 in cluster W**

Relative: **Lower**
Actual: **31 ft.**

E DESIGNATION:

Name:	LOT 22,TAXBLOCK 10062
Address:	150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	22
Tax Block:	10062
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

P239
WSW
< 1/8
0.112 mi.
593 ft.

LOT 6,TAXBLOCK 10026
95-02 SUTPHIN BOULEVARD
QUEENS, NY 11435

Site 11 of 15 in cluster P

NY E DESIGNATION **S108983754**
N/A

Relative:
Higher

Actual:
43 ft.

E DESIGNATION:

Name:	LOT 6,TAXBLOCK 10026
Address:	95-02 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	6
Tax Block:	10026
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

T240
WNW
< 1/8
0.113 mi.
597 ft.

LOT 47,TAXBLOCK 9998
93-45 SUTPHIN BOULEVARD
QUEENS, NY 11435

Site 6 of 15 in cluster T

NY E DESIGNATION **S108983683**
N/A

Relative:
Higher

Actual:
46 ft.

E DESIGNATION:

Name:	LOT 47,TAXBLOCK 9998
Address:	93-45 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	47
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

P241 **LOT 23,TAXBLOCK 9993** **NY E DESIGNATION** **S108983459**
West **94-14 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.113 mi.
597 ft. **Site 12 of 15 in cluster P**

Relative: **Higher**
Actual: **43 ft.**

E DESIGNATION:

Name:	LOT 23,TAXBLOCK 9993
Address:	94-14 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	23
Tax Block:	9993
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

T242 **LIRR JOHNSON AVE YARD** **NY Spills** **S105235632**
West **94TH ST & SUTPHIN BLVD** **N/A**
< 1/8 **JAMAICA, QUEENS, NY**
0.114 mi.
601 ft. **Site 7 of 15 in cluster T**

Relative: **Higher**
Actual: **42 ft.**

SPILLS:

Name:	LIRR JOHNSON AVE YARD
Address:	94TH ST & SUTPHIN BLVD
City,State,Zip:	JAMAICA, QUEENS, NY
Spill Number/Closed Date:	0107538 / 2005-05-26
Facility ID:	0107538
Facility Type:	ER
DER Facility ID:	224546
Site ID:	276186
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4101
Spill Date:	2001-10-23
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	2001-10-23
CID:	207
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported

LIRR JOHNSON AVE YARD (Continued) **S105235632**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-10-23
Spill Record Last Update:	2005-05-26
Spiller Name:	CALLER
Spiller Company:	PERINNI CONSTRUCTION CORP
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	BILL KEENAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 3/23/05 - Austin - Transferred from DeMeo to Tibbe - end 05/26/05: LIRR submitted spill documentation on 03/15/02. Ruptured hydraulic line on track equipment operated by Perini Corp. Equipment was moved before leak was stopped causing a 400 foot ribbon stain on track ballast plus a small stain in the area the equipment originally leaked. Perini Corp. removed the impacted ballast from the initial spill area and the ribbon on the track. Contaminated debris was disposed of."
Remarks:	"hydraulic hose on pile driver that burst cleanup in progress"

All Materials:

Site ID:	276186
Operable Unit ID:	845680
Operable Unit:	01
Material ID:	532353
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

X243 **CITY TRANSIT MIX INC** **NY LTANKS S108467813**
South **147-16 LIBERTY AVE** **NY SPDES N/A**
< 1/8 **JAMAICA, NY 11435**
0.114 mi.
602 ft. **Site 1 of 2 in cluster X**

Relative: **Higher**

Actual: **38 ft.**

LTANKS:

Name:	CITY TRANSIT
Address:	147-16 LIBERTY AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0612956 / 2010-08-13
Facility ID:	0612956
Site ID:	377910
Spill Date:	2007-03-02
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	bkfalvey

CITY TRANSIT MIX INC (Continued) **S108467813**

Referred To:	Not reported
Reported to Dept:	2007-03-02
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2007-03-02
Spill Record Last Update:	2010-08-13
Spiller Name:	SHANE THOMAS
Spiller Company:	CITY TRANSIT
Spiller Address:	147-16 LIBERTY AVE
Spiller County:	001
Spiller Contact:	SHANE THOMAS
Spiller Phone:	(610) 278-7203
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	327462
DEC Memo:	"3/6/07 sent ttf letter to: Anthony Scaccia City Transit Mix, Inc. 104-14 148th Street Jamaica, NY 11435 Called Crompco because I was having difficulty finding the owner or operator of the site. Spoke with mark at Crompco. Tank tester not in all week. Very little info in his file. Dry leak possibly in vent line. He was unable to give me a contact phone # at the facility. Found phone # and address through acris, google, and NYS Business. Called Mr. Scaccia (718)658-3797. He plans on having the tank retested and then, if necessary, have repairs made. I told him to retest and repair asap and he will be receiving a letter from me. He said he is working on it . PBS# 2-258725. bf 4/27/07 On 4/23/07, received letter from owner. They plan on closing the tank in place. I faxed them an application for closure and page from 613 for closure. bf 8/13/10 Vent line failed. Piping does not normally contain product. Soil borings taken on 4/11/07 parameters found as ND. NFA. bf "
Remarks:	"UNDERGROUND STORAGE LEAK"

All Materials:

Site ID:	377910
Operable Unit ID:	1135427
Operable Unit:	01
Material ID:	2125334
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	CITY TRANSIT MIX INC
Address:	147-16 LIBERTY AVE

CITY TRANSIT MIX INC (Continued) **S108467813**

City,State,Zip:	JAMAICA, NY 11435
Permit Number:	NYR00D701
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	Not reported
State Water Body Name:	JAMAICA BAY
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.701 / -73.804
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	CITY READY MIX INC
Non-Gov Permit Street Address:	CITY TRANSIT MIX INC
Non-Gov Permit Supplemental Location:	147-16 LIBERTY AVE
Non-Gov Permit City:	JAMAICA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11435
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CITY READY MIX INC
Non-Gov Facility Street Address:	CITY TRANSIT MIX INC
Non-Gov Facility Supplemental Location:	147-16 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11435
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	CITY TRANSIT MIX INC
Address:	147-16 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	CITY READY MIX INC
Non-Gov Permit Street Address:	147-16 LIBERTY AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	JAMAICA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11435
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CITY READY MIX INC

CITY TRANSIT MIX INC (Continued) **S108467813**

Non-Gov Facility Street Address:	CITY TRANSIT MIX INC
Non-Gov Facility Supplemental Location:	147-16 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11435
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	CITY TRANSIT MIX INC
Address:	147-16 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11435
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CITY READY MIX INC
Non-Gov Facility Street Address:	CITY TRANSIT MIX INC
Non-Gov Facility Supplemental Location:	147-16 LIBERTY AVE
Non-Gov Facility City:	JAMAICA
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11435
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

P244 **LOT 22,TAXBLOCK 9993** **NY E DESIGNATION** **S108983438**
West **94-12 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.114 mi.
604 ft. **Site 13 of 15 in cluster P**

Relative:
Higher

Actual:
43 ft.

E DESIGNATION:

Name:	LOT 22,TAXBLOCK 9993
Address:	94-12 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	22
Tax Block:	9993
Borough Code:	QN

LOT 22,TAXBLOCK 9993 (Continued) **S108983438**

E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

P245 **CON EDISON SERVICE BOX: 18607** **RCRA NonGen / NLR** **1016971336**
West **94-12 SUTPHIN BLVD FRONT OF** **NY MANIFEST** **NYP004450748**
< 1/8 **JAMAICA, NY 11435**
0.114 mi.
604 ft. **Site 14 of 15 in cluster P**

Relative:
Higher

Actual:
43 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-03-25 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 18607
Facility address:	94-12 SUTPHIN BLVD FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004450748
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

CON EDISON SERVICE BOX: 18607 (Continued) **1016971336**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-02-25 00:00:00.0
Site name: CON EDISON SERVICE BOX: 18607
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Name: CON EDISON
Address: 94-12 SUTPHIN BLVD FRONT OF
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004450748
Facility Status: Not reported
Location Address 1: 94-12 SUTPHIN BLVD
Code: BP
Location Address 2: SB18607
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11432
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004450748
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/24/2014
Trans1 Recv Date: 02/24/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/25/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004450748
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported

CON EDISON SERVICE BOX: 18607 (Continued) **1016971336**

Manifest Tracking Number:	002360045GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

T246 **MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE** **RCRA NonGen / NLR** **1016455664**
West **SUTPHIN BLVD & 94TH AVE** **FINDS** **NYR000207696**
< 1/8 **JAMAICA, NY 11435** **ECHO**
0.115 mi. **NY MANIFEST**
606 ft. **Site 8 of 15 in cluster T**

Relative: **Higher**
Actual: **42 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2014-06-11 00:00:00.0
Facility name:	MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE
Facility address:	SUTPHIN BLVD & 94TH AVE JAMAICA, NY 11435
EPA ID:	NYR000207696
Mailing address:	94TH AVE MC: 1944 JAMAICA, NY 11435
Contact:	KATHLEEN A GREEN
Contact address:	94TH AVE MC: 1944 JAMAICA, NY 11435
Contact country:	US
Contact telephone:	347-494-6927
Contact email:	KGREEN@LIRR.ORG
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE (Continued) **1016455664**

Owner/Operator Summary:
- Owner/operator name: MTA LONG ISLAND RAIL ROAD
- Owner/operator address: SUTPHIN BLVD
  JAMAICA, NY 11435
- Owner/operator country: US
- Owner/operator telephone: 718-558-8228
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: State
- Owner/Operator Type: Owner
- Owner/Op start date: 1850-01-01 00:00:00.0
- Owner/Op end date: Not reported

- Owner/operator name: MTA LONG ISLAND RAIL ROAD
- Owner/operator address: SUTPHIN BLVD
  JAMAICA, NY 11435
- Owner/operator country: US
- Owner/operator telephone: 718-558-8228
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: State
- Owner/Operator Type: Operator
- Owner/Op start date: 1850-01-01 00:00:00.0
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2014-02-18 00:00:00.0
- Site name: MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE
- Classification: Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: D008
- . Waste name: LEAD

Violation Status: No violations found

MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE (Continued) **1016455664**

FINDS:

Registry ID: 110058879922

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

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

ECHO:

Envid:	1016455664
Registry ID:	110058879922
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110058879922

NY MANIFEST:

Name:	MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE
Address:	SUTPHIN BLVD & 94TH AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYR000207696
Facility Status:	Not reported
Location Address 1:	SUTPHIN BLVD & 94TH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000207696
Mailing Name:	MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE
Mailing Contact:	GLORIA RUSSO
Mailing Address 1:	144-41 94TH AVE - 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3474946034

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2016
Trans1 State ID:	NJ0000027193

MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE (Continued) **1016455664**

Trans2 State ID:	Not reported
Generator Ship Date:	06/07/2016
Trans1 Recv Date:	06/07/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/07/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000207696
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	015625667JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

T247 **MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE** **NJ MANIFEST** **S120678997**
West **SUTPHIN BLVD & 94TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.115 mi.
606 ft. **Site 9 of 15 in cluster T**

Relative: NJ MANIFEST:
Higher

EPA Id:	NYR000207696
Mail Address:	94TH AVE MC: 1944
Mail City/State/Zip:	JAMAICA, NY 11435
Facility Phone:	Not reported

Actual:
42 ft.

MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE (Continued) **S120678997**

Emergency Phone:	Not reported
Contact:	KATHLEEN A GREEN
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014162499JJK
EPA ID:	NYR000207696
Date Shipped:	9/17/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11435
Reason Load Was Rejected:	Not reported

T248 **CON EDISON** **NY MANIFEST** **S118708167**
West **SUTPHIN BLVD & 94TH AVE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.115 mi.
606 ft. **Site 10 of 15 in cluster T**

Relative:
Higher

Actual:
42 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	SUTPHIN BLVD & 94TH AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004399531
Facility Status:	Not reported
Location Address 1:	EAST SIDE OF SUTPHIN BLVD & 125 NORTH OF 94TH AVE
Code:	BP
Location Address 2:	SB69544
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004399531
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	12/04/2013
Trans1 Recv Date:	12/04/2013
Trans2 Recv Date:	12/04/2013
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004399531
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002299972GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S118708167**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

X249 **CONCEPT AUTO REPAIRS INC.** **NY AST** **A100175345**
South **147-12 LIBERTY AVENUE** **N/A**
< 1/8 **JAMAICA, NY 11435**
0.116 mi.
612 ft. **Site 2 of 2 in cluster X**

Relative:
Higher

Actual:
38 ft.

AST:

Name:	CONCEPT AUTO REPAIRS INC.
Address:	147-12 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605031
Program Type:	PBS
UTM X:	601032.58881
UTM Y:	4505753.22179
Expiration Date:	01/16/2006
Site Type:	Other

Affiliation Records:

Site Id:	26900
Affiliation Type:	Facility Owner
Company Name:	CONCEPT AUTO REPAIRS INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	147-12 LIBERTY AVENUE
Address2:	Not reported
City:	JAMAICA

CONCEPT AUTO REPAIRS INC. (Continued) **A100175345**

State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 658-6300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26900
Affiliation Type: Mail Contact
Company Name: CONCEPT AUTO REPAIRS INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 147-12 LIBERTY AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 658-6300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26900
Affiliation Type: Facility Operator
Company Name: CONCEPT AUTO REPAIRS INC.
Contact Type: Not reported
Contact Name: KHEMRAJ MARAJ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26900
Affiliation Type: Emergency Contact
Company Name: CONCEPT AUTO REPAIRS INC.
Contact Type: Not reported
Contact Name: KHEMRAJ MARAJ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6300
EMail: Not reported
Fax Number: Not reported

CONCEPT AUTO REPAIRS INC. (Continued) **A100175345**

Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 01
Tank Id: 59342
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: waste oil/used oil

P250
West
< 1/8
0.117 mi.
617 ft.

LOT 20,TAXBLOCK 9993
94-06 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION **S108983417**
N/A

Site 15 of 15 in cluster P

Relative:
Higher

Actual:
43 ft.

E DESIGNATION:
Name: LOT 20,TAXBLOCK 9993
Address: 94-06 SUTPHIN BOULEVARD
City,State,Zip: QUEENS, NY 11435
Tax Lot(s): 20
Tax Block: 9993
Borough Code: QN
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water

LOT 20,TAXBLOCK 9993 (Continued) **S108983417**

Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

R251 **CON ED** **NY MANIFEST** **S118463647**
SSE **104-04 148TH ST** **N/A**
< 1/8 **QUEENS, NY 11433**
0.117 mi.
619 ft. **Site 8 of 8 in cluster R**

Relative:
Lower

Actual:
33 ft.

NY MANIFEST:
Name: CON ED
Address: 104-04 148TH ST
City,State,Zip: QUEENS, NY 11433
Country: USA
EPA ID: NYP004854820
Facility Status: Not reported
Location Address 1: 104-04 148TH ST
Code: BP
Location Address 2: SB 53988
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11433
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004854820
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/16/2015
Trans1 Recv Date: 10/16/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/21/2015
Part A Recv Date: Not reported

CON ED (Continued) **S118463647**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004854820
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013245083JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O252 **NYNEX** **NY Spills** **S109829577**
ENE **95-40 157TH ST** **N/A**
< 1/8 **JAMAICA, NY**
0.119 mi.
626 ft. **Site 20 of 20 in cluster O**

Relative: SPILLS:
Lower

Actual: Name:	NYNEX
33 ft. Address:	95-40 157TH ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9811495 / 2009-08-20
Facility ID:	9811495
Facility Type:	ER
DER Facility ID:	79897
Site ID:	87167
DEC Region:	2
Spill Cause:	Unknown

NYNEX (Continued) **S109829577**

Spill Class:	C4
SWIS:	4101
Spill Date:	1998-12-12
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1998-12-12
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-12-12
Spill Record Last Update:	2009-08-20
Spiller Name:	JACK
Spiller Company:	NYNEX
Spiller Address:	95-40 157TH ST
Spiller Company:	001
Contact Name:	JACK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Austin - 8/20/09 - Spill source not evident or continuing in nature - cleaned up by Con Ed - no eDocs available from them on this event - closed - end "
Remarks:	"ALL ONTO SIDEWALK CLEANUP CREW ON THE WAY"

All Materials:

Site ID:	87167
Operable Unit ID:	1068858
Operable Unit:	01
Material ID:	311790
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

W253 **LOT 23,TAXBLOCK 10062** **NY E DESIGNATION** **S108983446**
SE **150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.120 mi.
633 ft. **Site 2 of 4 in cluster W**

Relative: **Lower**

Actual: **31 ft.**

E DESIGNATION:

Name:	LOT 23,TAXBLOCK 10062
Address:	150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	23
Tax Block:	10062
Borough Code:	QN
E-No:	E-175

LOT 23,TAXBLOCK 10062 (Continued) **S108983446**

Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

U254 **SERVICE BOX #38864** **NY Spills** **S104284942**
East **IFO 155-11 LIBERTY AVE** **N/A**
< 1/8 **QUEENS, NY**
0.121 mi.
637 ft. **Site 2 of 11 in cluster U**

Relative:
Lower

Actual:
33 ft.

SPILLS:
Name: SERVICE BOX #38864
Address: IFO 155-11 LIBERTY AVE
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 9911146 / 2002-03-28
Facility ID: 9911146
Facility Type: ER
DER Facility ID: 224164
Site ID: 275725
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 4101
Spill Date: 1999-12-21
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 1999-12-21
CID: 252
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-12-21
Spill Record Last Update: 2002-03-28
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller Company: 999
Contact Name: FRANK MASSERIA
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT "
Remarks: "SAMPLE HAS BEEN TAKEN-CLEANUP PENDING RESULTS- CON ED #129358"

All Materials:
Site ID: 275725
Operable Unit ID: 1085857
Operable Unit: 01
Material ID: 296616

SERVICE BOX #38864 (Continued) **S104284942**

Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

U255 **LIBERTY SCRAP INC** **NY Spills** **S119029600**
East **155-11 LIBERTY AVE** **N/A**
< 1/8 **QUEENS, NY**
0.121 mi.
637 ft. **Site 3 of 11 in cluster U**

Relative: SPILLS:
Lower

Actual:
33 ft.

Name:	LIBERTY SCRAP INC
Address:	155-11 LIBERTY AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1609668 / Not Reported
Facility ID:	1609668
Facility Type:	ER
DER Facility ID:	492286
Site ID:	538465
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	4101
Spill Date:	2017-01-19
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2017-01-19
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2017-01-19
Spill Record Last Update:	2017-01-26
Spiller Name:	Not reported
Spiller Company:	LIBERTY SCRAP INC
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KOHORST TRUCKING
DEC Memo:	"1/19/17 - Obligado (Desk Duty) - As per Randall Austin, send Tim Demeo for response for this housekeeping spill. The spill was reported by DEC Hassan Hussein who was doing an inspection. Assigned to Tim Demeo for response 1/19/17 - Before leaving the site H. Hussein and L. Batista from DEC instructed the operator Mr. Joseph Russo to get the site cleaned ASAP. He explained that he will call a cleanup contractor immediately and expect the contractor to perform the cleanup either today or tomorrow. Based, on our observations, it

LIBERTY SCRAP INC (Continued) **S119029600**

is recommended that additional investigation should be conducted to determine extent of the contamination below the surface if any. Several photos of some of the areas were release was found were taken and will provided to the project manager. (HH)."

Remarks: ""

All Materials:

Site ID:	538465
Operable Unit ID:	1287061
Operable Unit:	01
Material ID:	2292727
Material Code:	0005A
Material Name:	auto waste fluids
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	LIBERTY SCRAP METAL
Address:	155-11 LIBERTY AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1701220 / Not Reported
Facility ID:	1701220
Facility Type:	ER
DER Facility ID:	492286
Site ID:	548263
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	4101
Spill Date:	2017-05-08
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2017-05-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	1
Date Entered In Computer:	2017-05-08
Spill Record Last Update:	2018-09-11
Spiller Name:	Not reported
Spiller Company:	LSM
Spiller Address:	155-11 Liberty Ave
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"DEC Piper performed inspection of facility with DEC Urda. Numerous violations and unacceptable site conditions exist. No attempt by RP to perform remedial activities or handle current waste generated. Numerous drums, totes, containing waste oil and gasoline on premises.

LIBERTY SCRAP INC (Continued) **S119029600**

Puddleso f oil/ antifreeze visisble in various locations. Batteries are stored properly on palette under overhang. Oil observed in scale. "

Remarks: "Visible Puddles of oil throughout property. 6 unregisterd 250 gal totes of gasoline and other waste petroleum products."

All Materials:

Site ID:	548263
Operable Unit ID:	1296413
Operable Unit:	01
Material ID:	2302441
Material Code:	1876A
Material Name:	waste fluids
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

U256 **LSM AUTO PARTS** **NY Spills** **S122480992**
East **155-11 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.121 mi.
637 ft. **Site 4 of 11 in cluster U**

Relative: **Lower**

Actual: **33 ft.**

SPILLS:

Name:	LSM AUTO PARTS
Address:	155-11 LIBERTY AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	1804173 / Not Reported
Facility ID:	1804173
Facility Type:	ER
DER Facility ID:	526857
Site ID:	573837
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2018-07-18
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2018-07-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2018-07-18
Spill Record Last Update:	2018-08-31
Spiller Name:	Not reported
Spiller Company:	155-11 LIBERTY AVE

LSM AUTO PARTS (Continued) **S122480992**

Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ART
DEC Memo:	"7/18/18- DEC Piper received call from DLE ECO Wing and Johnston. They were executing warrant with NYPD and discovered copious amounts of waste oil and antifreeze throughout the property. Approx 10 gallons was observed spilled over sidewalk, down curb line and into a storm drain. I contacted LSM rep Norman Teitler and directed LSM to contain spill to premises and clean curb line. DEC Piper received confirmatory pictures that a speedy dry berm was placed around poeprty and curb line was cleaned. Site still need to be cleaned. "
Remarks:	"spill to paved area, may have infiltrated soil/investigation underway"

All Materials:

Site ID:	573837
Operable Unit ID:	1321644
Operable Unit:	01
Material ID:	2329781
Material Code:	0005A
Material Name:	auto waste fluids
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

U257 **LOT 314,TAXBLOCK 10108** **NY E DESIGNATION** **S108983570**
East **155-11 LIBERTY AVENUE** **N/A**
< 1/8 **QUEENS, NY 11433**
0.121 mi.
637 ft. **Site 5 of 11 in cluster U**

Relative:
Lower

Actual:
33 ft.

E DESIGNATION:

Name:	LOT 314,TAXBLOCK 10108
Address:	155-11 LIBERTY AVENUE
City,State,Zip:	QUEENS, NY 11433
Tax Lot(s):	314
Tax Block:	10108
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

U258 **IN ROAD** **NY Spills** **S122478784**
East **155- 11 LIBERTY AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.121 mi.
637 ft. **Site 6 of 11 in cluster U**

Relative:
Lower

Actual:
33 ft.

SPILLS:

Name:	IN ROAD
Address:	155- 11 LIBERTY AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	1801846 / Not Reported
Facility ID:	1801846
Facility Type:	ER
DER Facility ID:	523616
Site ID:	570396
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2018-05-17
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2018-05-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2018-05-17
Spill Record Last Update:	2018-08-30
Spiller Name:	Not reported
Spiller Company:	LSM
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	NORMAN TEITLER
DEC Memo:	""
Remarks:	"impacted sewer, clean up is ongoing"

All Materials:

Site ID:	570396
Operable Unit ID:	1318236
Operable Unit:	01
Material ID:	2326170
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

T259 **LOT 18,TAXBLOCK 9993** **NY E DESIGNATION** **S108983375**
West **94-02 SUTPHIN BOULEVARD** **N/A**
< 1/8 **QUEENS, NY 11435**
0.124 mi.
654 ft. **Site 11 of 15 in cluster T**

Relative: **Higher**
Actual: **44 ft.**

E DESIGNATION:

Name:	LOT 18,TAXBLOCK 9993
Address:	94-02 SUTPHIN BOULEVARD
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	18
Tax Block:	9993
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

Y260 **LOT 127,TAXBLOCK 9998** **NY E DESIGNATION** **S108983271**
North **93-08 150 STREET** **N/A**
< 1/8 **QUEENS, NY 11435**
0.125 mi.
658 ft. **Site 1 of 17 in cluster Y**

Relative: **Higher**
Actual: **48 ft.**

E DESIGNATION:

Name:	LOT 127,TAXBLOCK 9998
Address:	93-08 150 STREET
City,State,Zip:	QUEENS, NY 11435
Tax Lot(s):	127
Tax Block:	9998
Borough Code:	QN
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

LOT 127,TAXBLOCK 9998 (Continued) **S108983271**

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

S261 **GREENPEACE KLEEN INC** **RCRA NonGen / NLR** **1008374545**
NE **157-12 BEAVER RD** **NYR000132944**
< 1/8 **JAMAICA, NY 11433**
0.125 mi.
659 ft. **Site 4 of 4 in cluster S**

Relative:
Lower

Actual:
37 ft.

RCRA NonGen / NLR:
Date form received by agency: 2007-01-01 00:00:00.0
Facility name: GREENPEACE KLEEN INC
Facility address: 157-12 BEAVER RD
JAMAICA, NY 11433
EPA ID: NYR000132944
Mailing address: BEAVER RD
JAMAICA, NY 11433
Contact: YOUNG CHOE
Contact address: BEAVER RD
JAMAICA, NY 11433
Contact country: US
Contact telephone: 718-631-1188
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2005-06-29 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2005-06-29 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

GREENPEACE KLEEN INC (Continued) **1008374545**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2006-01-01 00:00:00.0
Site name:	GREENPEACE KLEEN INC
Classification:	Not a generator, verified

Date form received by agency:	2005-06-28 00:00:00.0
Site name:	GREENPEACE KLEEN INC
Classification:	Small Quantity Generator

Hazardous Waste Summary:

. Waste code:	D018
. Waste name:	BENZENE

Violation Status: No violations found

T262 **TRI-BRO AUTO SVC INC** **NY LTANKS U003128058**
WNW **93-50 SUTPHIN BOULEVARD** **NY UST N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.126 mi.
665 ft. **Site 12 of 15 in cluster T**

Relative:
Higher

Actual:
47 ft.

LTANKS:

Name:	93-50 SUTPHIN BLVD (94TH AV)
Address:	93-50 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Spill Number/Closed Date:	9907900 / 2004-12-28
Facility ID:	9907900
Site ID:	104840
Spill Date:	1999-09-29
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	1999-09-29
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

TRI-BRO AUTO SVC INC (Continued) **U003128058**

UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1999-09-29
Spill Record Last Update:	2006-08-16
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	5532
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SIGONA 8/4/04 As per Steve Miller, the Port Authority is involved in this site and the site was razed /remediated per the Airtrain/Jamaica LIRR a while back. Ten 550 tanks removed 1999. 12/28/04 Spill closed. Rommel."
Remarks:	"caller received lab results indicating soil contamination - tanks have been removed"

All Materials:

Site ID:	104840
Operable Unit ID:	1082195
Operable Unit:	01
Material ID:	300582
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	TRI-BRO AUTO SVC INC
Address:	93-50 SUTPHIN BOULEVARD
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-161152 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	600746.70443
UTM Y:	4506120.94599
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	5539
Affiliation Type:	Facility Owner
Company Name:	D.J.A. BARONE
Contact Type:	PARTNER
Contact Name:	D.J.A. BARONE
Address1:	93-50 SUTPHIN BLVD
Address2:	Not reported
City:	JAMAICA

TRI-BRO AUTO SVC INC (Continued) **U003128058**

State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 297-7370
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2007-02-22

Site Id: 5539
Affiliation Type: Mail Contact
Company Name: TRI-BORO AUTO SVC INC
Contact Type: Not reported
Contact Name: D.J.A. BARONE
Address1: 93-50 SUTPHIN BOULEVARD
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 523-2844
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-08-18

Site Id: 5539
Affiliation Type: Facility Operator
Company Name: TRI-BRO AUTO SVC INC
Contact Type: Not reported
Contact Name: D J A BARONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 523-2844
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2007-02-22

Site Id: 5539
Affiliation Type: Emergency Contact
Company Name: D.J.A. BARONE
Contact Type: Not reported
Contact Name: ANDREW BARONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 823-9878
EMail: Not reported
Fax Number: Not reported

TRI-BRO AUTO SVC INC (Continued) **U003128058**

Modified By: BKFALVEY
Date Last Modified: 2007-02-22

Tank Info:

Tank Number: 001
Tank ID: 24734
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 24735
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

TRI-BRO AUTO SVC INC (Continued) **U003128058**

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number:	003
Tank ID:	24736
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1956
Date Tank Closed:	09/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number:	004
Tank ID:	24737
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1956
Date Tank Closed:	09/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

TRI-BRO AUTO SVC INC (Continued) **U003128058**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 24738
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 24739
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999

TRI-BRO AUTO SVC INC (Continued) **U003128058**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 007
Tank ID: 24740
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 008

TRI-BRO AUTO SVC INC (Continued) **U003128058**

Tank ID: 24741
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 009
Tank ID: 24742
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1956
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

TRI-BRO AUTO SVC INC (Continued) **U003128058**

F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number:	010
Tank ID:	24743
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1956
Date Tank Closed:	09/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

T263 **TRIBRO AUTO SERVICE INC** **RCRA NonGen / NLR** **1001818256**
WNW **93-50 SUTPHIN BLVD** **ICIS** **NYR000077818**
1/8-1/4 **JAMAICA, NY 11435** **FINDS**
0.126 mi. **ECHO**
665 ft. **Site 13 of 15 in cluster T** **NY MANIFEST**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	TRIBRO AUTO SERVICE INC
Facility address:	93-50 SUTPHIN BLVD JAMAICA, NY 11435
EPA ID:	NYR000077818
Mailing address:	WORLD TRADE CENTER NEW YORK, NY 10048
Contact:	EDWARD ALDRICH
Contact address:	WORLD TRADE CENTER NEW YORK, NY 10048
Contact country:	US
Contact telephone:	212-435-7105
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator

TRIBRO AUTO SERVICE INC (Continued) **1001818256**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DOMINICK ANDREW & JOSEPH BARONE
Owner/operator address: 93-50 SUTPHIN BLVD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DOMINICK ANDREW & JOSEPH BARONE
Owner/operator address: 93-50 SUTPHIN BLVD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: TRIBRO AUTO SERVICE INC
Classification: Not a generator, verified

Date form received by agency: 1999-10-20 00:00:00.0
Site name: TRIBRO AUTO SERVICE INC
Classification: Small Quantity Generator

TRIBRO AUTO SERVICE INC (Continued) **1001818256**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

ICIS:

Enforcement Action ID: 02-1999-7911
FRS ID: 110004557097
Action Name: TRI-BRO AUTO SERVICE INC
Facility Name: TRIBRO AUTO SERVICE INC
Facility Address: 93-50 SUTPHIN BLVD
JAMAICA, NY 11435
Enforcement Action Type: RCRA 9006 Field Citation (UST)
Facility County: QUEENS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 9006FC
Facility SIC Code: 5541
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.699528
Longitude in Decimal Degrees: -73.807164
Permit Type Desc: Not reported
Program System Acronym: 30233
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: TRIBRO AUTO SERVICE INC
Address: 93-50 SUTPHIN BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5541

Facility Name: TRIBRO AUTO SERVICE INC
Address: 93-50 SUTPHIN BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5541

Facility Name: TRIBRO AUTO SERVICE INC
Address: 93-50 SUTPHIN BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5541

FINDS:

Registry ID: 110004557097

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

TRIBRO AUTO SERVICE INC (Continued) **1001818256**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid:	1001818256
Registry ID:	110004557097
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004557097

NY MANIFEST:

Name:	PORT AUTHORITY
Address:	93-50 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYR000077818
Facility Status:	Not reported
Location Address 1:	JFK AIRPORT - BLDG 14
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11430
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000077818
Mailing Name:	PORT AUTHORITY
Mailing Contact:	JOSEPH BARONE
Mailing Address 1:	JFK AIRPORT - BLDG 14
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY

TRIBRO AUTO SERVICE INC (Continued) **1001818256**

Mailing Zip:	11430
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5167902183

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2009
Trans1 State ID:	NJD980772768
Trans2 State ID:	Not reported
Generator Ship Date:	02/13/2009
Trans1 Recv Date:	02/13/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/13/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000077818
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	004258384JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	30.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	6.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Waste Code:	D002
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

TRIBRO AUTO SERVICE INC (Continued) **1001818256**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Z264 **BAM MOBILE TRUCK & AUTO REPAIR INC.** **NY AST** **A100350460**
SW **97-16 SUTPHIN BOULEVARD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.127 mi.
673 ft. **Site 1 of 2 in cluster Z**

Relative:
Higher

Actual:
43 ft.

AST:

Name:	BAM MOBILE TRUCK & AUTO REPAIR INC.
Address:	97-16 SUTPHIN BOULEVARD
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-611329
Program Type:	PBS
UTM X:	601407.02833
UTM Y:	4505403.97813
Expiration Date:	05/03/2020
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	434265
Affiliation Type:	Facility Owner
Company Name:	DEODAT RAMPRASAD
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	134-63 BEDELL STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11434
Country Code:	001
Phone:	(917) 856-6956
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2017-06-13

Site Id:	434265
Affiliation Type:	Mail Contact
Company Name:	BAM MOBILE TRUCK & AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	DEODAT RAMPRASAD
Address1:	97-16 SUTPHIN BOULEVARD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(917) 856-6956
EMail:	BAMMOBILE2000@YAHOO.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-05-03

BAM MOBILE TRUCK & AUTO REPAIR INC. (Continued) **A100350460**

Site Id:	434265
Affiliation Type:	Facility Operator
Company Name:	BAM MOBILE TRUCK & AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	DEODAT RAMPRASAD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 856-6956
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-05-03

Site Id:	434265
Affiliation Type:	Emergency Contact
Company Name:	DEODAT RAMPRASAD
Contact Type:	Not reported
Contact Name:	RAINATTIE RAMPRASAD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 314-1895
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-05-03

Tank Info:

Tank Number:	B12
Tank Id:	234148
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.

BAM MOBILE TRUCK & AUTO REPAIR INC. (Continued) **A100350460**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/20/2009
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

T265 **LIRR** **NY LTANKS** **S104782474**
WNW **MORRIS PARK STORAGE YARD** **N/A**
1/8-1/4 **QUEENS, NY**
0.128 mi.
674 ft. **Site 14 of 15 in cluster T**

Relative: **Higher**

Actual: **47 ft.**

LTANKS:

Name:	LIRR
Address:	MORRIS PARK STORAGE YARD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0008005 / 2004-05-18
Facility ID:	0008005
Site ID:	291518
Spill Date:	2000-10-07
Spill Cause:	Tank Failure
Spill Source:	Railroad Car
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2000-10-07
CID:	398
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-10-07
Spill Record Last Update:	2004-05-19
Spiller Name:	Not reported
Spiller Company:	LIRR
Spiller Address:	JAMAICA STATION
Spiller County:	001
Spiller Contact:	DEMETRIUS CRICHLOW
Spiller Phone:	(718) 558-8204
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	236049
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 5/18/04 TJD LIRR submitted internal spill investigation form in support of closure. Disposal manifests provided but no laboratory

LIRR (Continued) **S104782474**

data as endpoint samples were not collected. Spill is being closed and cross-referenced to primary open spill number for the Morris Park Yard (9212990). Further investigation/remediation of DEC spill number 0008005 will be handled as part of the primary spill number investigation for the Morris Park Yard. Site does not meet standards."
Not reported
Remarks: "MOST OF SPILL WAS ON CONCRETE. SPEEDY DRY WAS USED TO CLEAN UP SPILL. CREW STILL WORKING ON IT AT THIS TIME. NO CALL BACK NEEDED."

All Materials:
Site ID: 291518
Operable Unit ID: 828625
Operable Unit: 01
Material ID: 560467
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 150.00
Units: G
Recovered: .00
Oxygenate: Not reported

T266 **AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & N** **RCRA-VSQG** **1012186716**
WNW **93-40 SUTPHINE BLVD** **NY MANIFEST** **NYR000165787**
1/8-1/4 **JAMAICA, NY 11435**
0.130 mi.
684 ft. **Site 15 of 15 in cluster T**

Relative:
Higher

Actual:
48 ft.

RCRA-VSQG:
Date form received by agency: 2009-06-03 00:00:00.0
Facility name: AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY
Facility address: 93-40 SUTPHINE BLVD
VERTICAL CIRCULATION BLDG
JAMAICA, NY 11435
EPA ID: NYR000165787
Mailing address: PORT AUTHORITY JFK INTL
ENVIRONMENTAL UNIT #14
JAMAICA, NY 11430
Contact: DENISE BRANCH
Contact address: PORT AUTHORITY JFK INTL ENVIRONMENTAL UNIT #14
JAMAICA, NY 11430
Contact country: US
Contact telephone: 718-244-3568
Contact email: DBRANCH@PANYNJ.GOV
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY (Continued) **1012186716**

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PORT AUTHORITY OF NEW YORK & NEW JERSEY
Owner/operator address:	JFK INTL AIRPORT ENVIRONMENTAL UNIT BLDG #14 JAMAICA, NY 11430
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	2003-12-17 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	PORT AUTHORITY OF NEW YORK & NEW JERSEY
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	2003-12-17 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code:	D001
. Waste name:	IGNITABLE WASTE

. Waste code:	D002
. Waste name:	CORROSIVE WASTE

AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY (Continued) **1012186716**

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

NY MANIFEST:
Name: AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY
Address: 93-40 SUTPHINE BLVD
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYR000165787
Facility Status: Not reported
Location Address 1: 93-40 SUTPHINE BLVD VERTICAL CIRCULATION BLDG
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000165787
Mailing Name: AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY
Mailing Contact: AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY
Mailing Address 1: 93-40 SUTPHINE BLVD VERTICAL CIRCULATION BLDG
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11435
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Z267 **TRI-US AUTO RADIATOR** **RCRA NonGen / NLR** **1004762169**
SSW **97-20 SUTPHIN BLVD** **FINDS** **NYR000094227**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.131 mi. **NY MANIFEST**
693 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
42 ft.

RCRA NonGen / NLR:
Date form received by agency: 2007-01-01 00:00:00.0
Facility name: TRI-US AUTO RADIATOR
Facility address: 97-20 SUTPHIN BLVD
JAMAICA, NY 11435
EPA ID: NYR000094227
Mailing address: SUTPHIN BLVD
JAMAICA, NY 11435
Contact: STUART BLOCK
Contact address: SUTPHIN BLVD
JAMAICA, NY 11435
Contact country: US
Contact telephone: 718-657-2414
Contact email: Not reported
EPA Region: 02

TRI-US AUTO RADIATOR (Continued) **1004762169**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: R & B HOLDING CORP
Owner/operator address: 97-20 SUTPHIN BLVD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 718-657-2414
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: R & B HOLDING CORP
Owner/operator address: 97-20 SUTPHIN BLVD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 718-657-2414
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: TRI-US AUTO RADIATOR
Classification: Not a generator, verified

Date form received by agency: 2001-02-16 00:00:00.0
Site name: TRI-US AUTO RADIATOR
Classification: Conditionally Exempt Small Quantity Generator

TRI-US AUTO RADIATOR (Continued) **1004762169**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004567157

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

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

ECHO:

Envid:	1004762169
Registry ID:	110004567157
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004567157

NY MANIFEST:

Name:	TRI-US AUTO RADIATIOR
Address:	97-20 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYR000094227
Facility Status:	Not reported
Location Address 1:	97-20 SUTPHIN BLVD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000094227
Mailing Name:	TRI-US AUTO RADIATIOR
Mailing Contact:	RAMON RECIO
Mailing Address 1:	97-20 SUTPHIN BLVD
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported

TRI-US AUTO RADIATOR (Continued) **1004762169**

Mailing Country: USA
Mailing Phone: 7106572414

NY MANIFEST:
Document ID: NJA4151790
Manifest Status: Not reported
seq: 01
Year: 2002
Trans1 State ID: 50178
Trans2 State ID: Not reported
Generator Ship Date: 12/30/2002
Trans1 Recv Date: 12/30/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/30/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000094227
Trans1 EPA ID: NJR000016279
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AA268
West
1/8-1/4
0.131 mi.
693 ft.

145-07 95TH AVENUE
145-07 95TH AVENUE
NEW YORK CITY, NY

Site 1 of 6 in cluster AA

NY VCP **S118943575**
N/A

Relative:
Higher

Actual:
45 ft.

VCP NYC:

Project ID:	16TMP0044K, 16EHAN043Q, 16CVCP031Q
Name:	145-07 95TH AVENUE
Address:	145-07 95TH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

Y269
NNW
1/8-1/4
0.132 mi.
698 ft.

148-12 ARCHER AVENUE
148-22 ARCHER AVENUE
NEW YORK CITY, NY

Site 2 of 17 in cluster Y

NY VCP **S125316849**
N/A

Relative:
Higher

Actual:
49 ft.

VCP NYC:

Project ID:	18TMP0152Q, 18EHAN058Q, 18CVCP025Q
Name:	148-12 ARCHER AVENUE
Address:	148-22 ARCHER AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

Y270
NNW
1/8-1/4
0.132 mi.
698 ft.

CON EDISON
148-22 ARCHER AVE
QUEENS, NY 11435

Site 3 of 17 in cluster Y

NY MANIFEST **S116043686**
N/A

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	148-22 ARCHER AVE
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004400503
Facility Status:	Not reported
Location Address 1:	148-22 ARCHER AVE
Code:	BP
Location Address 2:	SB16345
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004400503
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA

CON EDISON (Continued) **S116043686**

Mailing Phone: Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/05/2013
Trans1 Recv Date:	12/05/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004400503
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002237350GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

U271 **A-200 AUTO PARTS - AUTO GLASS INC** **NY AST** **A100300205**
East **155-17 LIBERTY AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.133 mi.
702 ft. **Site 7 of 11 in cluster U**

Relative:
Lower

Actual:
32 ft.

AST:

Name:	A-200 AUTO PARTS - AUTO GLASS INC
Address:	155-17 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-610420
Program Type:	PBS
UTM X:	601660.23779
UTM Y:	4506197.97868
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	374562
Affiliation Type:	Facility Owner
Company Name:	A-200 AUTO PARTS - AUTO GLASS INC
Contact Type:	PRES
Contact Name:	THERESA RISPOLE
Address1:	155-17 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 657-3507
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2006-12-07

Site Id:	374562
Affiliation Type:	Mail Contact
Company Name:	A-200 AUTO PARTS - AUTO GLASS INC
Contact Type:	PRES
Contact Name:	THERESA RISPOLE
Address1:	155-17 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 657-3507
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2006-12-07

Site Id:	374562
Affiliation Type:	Facility Operator
Company Name:	A-200 AUTO PARTS - AUTO GLASS INC
Contact Type:	Not reported
Contact Name:	THERESA RISPOLI

A-200 AUTO PARTS - AUTO GLASS INC (Continued) **A100300205**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 657 3507
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2006-12-07

Site Id:	374562
Affiliation Type:	Emergency Contact
Company Name:	A-200 AUTO PARTS - AUTO GLASS INC
Contact Type:	Not reported
Contact Name:	THERESA RISPOLI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 657-03507
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2006-12-07

Tank Info:

Tank Number:	001
Tank Id:	214832
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	275

A-200 AUTO PARTS - AUTO GLASS INC (Continued) **A100300205**

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/18/2015
Register:	True
Modified By:	LXZIELIN
Last Modified:	05/12/2017
Material Name:	waste oil/used oil

U272 **A 2000 AUTO PARTS 7 AUTO GLS INC** **NY SWF/LF** **S108145607**
East **155-17 LIBERTY AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.133 mi.
702 ft. **Site 8 of 11 in cluster U**

Relative: SWF/LF:
Lower

Actual:
32 ft.

Name:	A 2000 AUTO PARTS 7 AUTO GLS INC
Address:	155-17 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	601303
North Coordinate:	4505991
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Y273 **ALLIED MOTOR SALES INC** **RCRA NonGen / NLR** **1004756726**
North **93-04 150TH ST** **NYD981489289**
1/8-1/4 **JAMAICA, NY 11435**
0.134 mi.
706 ft. **Site 4 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	ALLIED MOTOR SALES INC
Facility address:	93-04 150TH ST JAMAICA, NY 11435
EPA ID:	NYD981489289
Mailing address:	150TH ST JAMAICA, NY 11435
Contact:	MANUEL NIETO
Contact address:	150TH ST JAMAICA, NY 11435
Contact country:	US
Contact telephone:	718-523-2624
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MANUEL NIETO
Owner/operator address:	93-04 150TH ST JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-523-2624
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MANUEL NIETO
Owner/operator address:	93-04 150TH ST JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-523-2624
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

ALLIED MOTOR SALES INC (Continued) **1004756726**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: ALLIED MOTOR SALES INC
Classification: Not a generator, verified

Date form received by agency: 1997-10-31 00:00:00.0
Site name: ALLIED MOTOR SALES INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 1995-04-27 00:00:00.0
Site name: ALLIED MOTOR SALES INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

U274 **DO-RITE SALVAGE CORP.** **NY UST** **U004046555**
East **155-19 LIBERTY AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.134 mi.
707 ft. **Site 9 of 11 in cluster U**

Relative:
Lower

Actual:
32 ft.

UST:

Name:	DO-RITE SALVAGE CORP.
Address:	155-19 LIBERTY AVENUE
City,State,Zip:	JAMAICA, NY 11433
Id/Status:	2-609169 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601307.80752
UTM Y:	4505983.24805
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	31014
Affiliation Type:	Mail Contact
Company Name:	DO-RITE SALVAGE CORP.
Contact Type:	Not reported
Contact Name:	FRANCIS CELI V.P.
Address1:	155-19 LIBERTY AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 739-1218
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	31014
Affiliation Type:	Facility Operator
Company Name:	DO-RITE SALVAGE CORP.
Contact Type:	Not reported
Contact Name:	FRANCIS CELI V.P.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-1218
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	31014
Affiliation Type:	Emergency Contact
Company Name:	SAFEGUARD LIBERTY, LLC
Contact Type:	Not reported
Contact Name:	LAURA FAULKNER
Address1:	Not reported

DO-RITE SALVAGE CORP. (Continued) **U004046555**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(631) 539-0200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2008-04-02

Site Id:	31014
Affiliation Type:	Facility Owner
Company Name:	SAFEGUARD LIBERTY, LLC
Contact Type:	VP
Contact Name:	LAURA FAULKNER
Address1:	3350 PEACHTREE RD, SUITE 1700
Address2:	Not reported
City:	ATLANTA
State:	GA
Zip Code:	30326
Country Code:	001
Phone:	(404) 231-4000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2008-04-02

Tank Info:

Tank Number:	010
Tank ID:	235896
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3500
Install Date:	Not reported
Date Tank Closed:	08/26/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None

DO-RITE SALVAGE CORP. (Continued) **U004046555**

D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 011
Tank ID: 235897
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3500
Install Date: Not reported
Date Tank Closed: 08/26/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 1
Tank ID: 66645
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 275
Install Date: 07/01/1995
Date Tank Closed: 03/28/2008
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported

DO-RITE SALVAGE CORP. (Continued) **U004046555**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
H03 - Tank Leak Detection - Vapor Well
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
I99 - Overfill - Other
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass

Tank Number: 2
Tank ID: 66646
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 275
Install Date: 07/01/1995
Date Tank Closed: 03/28/2008
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
H03 - Tank Leak Detection - Vapor Well
B04 - Tank External Protection - Fiberglass
L09 - Piping Leak Detection - Exempt Suction Piping
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
I99 - Overfill - Other
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass

Tank Number: 3
Tank ID: 222321
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1995
Date Tank Closed: 03/28/2008

DO-RITE SALVAGE CORP. (Continued) **U004046555**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 4
Tank ID: 222322
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1995
Date Tank Closed: 03/28/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None

DO-RITE SALVAGE CORP. (Continued) **U004046555**

H00 - Tank Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number:	5
Tank ID:	222323
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1995
Date Tank Closed:	03/28/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	msbaptis
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number:	6
Tank ID:	222324
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1995
Date Tank Closed:	03/28/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	msbaptis

DO-RITE SALVAGE CORP. (Continued) **U004046555**

Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 7
Tank ID: 222325
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1995
Date Tank Closed: 03/28/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 8
Tank ID: 222326
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1995

DO-RITE SALVAGE CORP. (Continued) **U004046555**

Date Tank Closed: 03/28/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 9
Tank ID: 222327
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1995
Date Tank Closed: 03/28/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

DO-RITE SALVAGE CORP. (Continued) **U004046555**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

U275 **DO-RITE SALVAGE CORP** **NY SWF/LF** **S108145814**
East **155-19 LIBERTY AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.134 mi.
707 ft. **Site 10 of 11 in cluster U**

Relative: **Lower**
Actual: **32 ft.**

SWF/LF:

Name:	DO-RITE SALVAGE CORP
Address:	155-19 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	601304
North Coordinate:	4505991
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Y276 **ARCHER AUTO SERVICE, INC.** **NY AST** **A100380408**
North **14910 ARCHER AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.135 mi.
711 ft. **Site 5 of 17 in cluster Y**

Relative: **Higher**
Actual: **49 ft.**

AST:

Name:	ARCHER AUTO SERVICE, INC.
Address:	14910 ARCHER AVENUE
City,State,Zip:	JAMAICA, NY 11435

ARCHER AUTO SERVICE, INC. (Continued) **A100380408**

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-612019
Program Type: PBS
UTM X: 600976.82355
UTM Y: 4506261.96984
Expiration Date: 12/14/2022
Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id: 481644
Affiliation Type: Facility Owner
Company Name: KHANS KARWORKS LLC
Contact Type: OWNER
Contact Name: WAZIR KHAN
Address1: 14910 ARCHER AVE.
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (516) 236-5831
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-05-29

Site Id: 481644
Affiliation Type: Mail Contact
Company Name: ARCHER AUTO SERVICE, INC.
Contact Type: Not reported
Contact Name: PETER CORTEZ
Address1: 14910 ARCHER AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 291-9868
EMail: NYINSPECTIONINFO@HOTMAIL.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-01-04

Site Id: 481644
Affiliation Type: Facility Operator
Company Name: ARCHER AUTO SERVICE, INC
Contact Type: Not reported
Contact Name: PETER CORTEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 291-9868
EMail: Not reported

ARCHER AUTO SERVICE, INC. (Continued) **A100380408**

Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-05-29
Site Id:	481644
Affiliation Type:	Emergency Contact
Company Name:	KHANS KARAWORKS LLC
Contact Type:	Not reported
Contact Name:	WAZIR KHAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 236-5831
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2013-05-07

Tank Info:

Tank Number:	173
Tank Id:	248197

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/14/2012
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Y277 **CON EDISON** **NJ MANIFEST** **S120675336**
North **93-02 150TH ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.135 mi.
715 ft. **Site 6 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

NJ MANIFEST:

EPA Id:	NYP004822462
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002612839GBF
EPA ID:	NYP004822462
Date Shipped:	8/12/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120675336**

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

Y278 **CON EDISON** **NY MANIFEST** **S119077187**
North **93-02 150TH ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.135 mi.
715 ft. **Site 7 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	93-02 150TH ST
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004822462
Facility Status:	Not reported
Location Address 1:	93-02 150TH ST
Code:	BP
Location Address 2:	SB 16348
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004822462
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/2015
Trans1 Recv Date:	08/12/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/13/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004822462
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S119077187**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002612839GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Y279 **CON EDISON** **RCRA NonGen / NLR** **1019906561**
North **93-02 150TH ST** **NYP004822462**
1/8-1/4 **JAMAICA, NY 11435**
0.135 mi.
715 ft. **Site 8 of 17 in cluster Y**

Relative: RCRA NonGen / NLR:
Higher

Date form received by agency:	2015-08-12 00:00:00.0
Facility name:	CON EDISON
Facility address:	93-02 150TH ST JAMAICA, NY 11435
EPA ID:	NYP004822462
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported

Actual:
47 ft.

CON EDISON (Continued) **1019906561**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-08-12 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

Y280 **93-02 150TH ST.** **NY UST** **U004118671**
North **93-02 150 ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.135 mi.
715 ft. **Site 9 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

UST:
Name: 93-02 150TH ST.
Address: 93-02 150 ST
City,State,Zip: JAMAICA, NY 11435
Id/Status: 2-610766 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 600501.48197
UTM Y: 4507757.55944
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 393508
Affiliation Type: Facility Owner
Company Name: MANUE NIETO
Contact Type: MGR
Contact Name: MANUEL NIETO
Address1: 93-02 150TH ST.
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435

93-02 150TH ST. (Continued) **U004118671**

Country Code:	001
Phone:	(718) 523-2624
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	2008-02-13

Site Id:	393508
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	MANUEL NIETO
Address1:	93-02 150TH ST
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-2624
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	2008-02-13

Site Id:	393508
Affiliation Type:	Facility Operator
Company Name:	93-02 150TH ST.
Contact Type:	Not reported
Contact Name:	MANUEL NIETO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-2624
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	2008-02-13

Site Id:	393508
Affiliation Type:	Emergency Contact
Company Name:	MANUE NIETO
Contact Type:	Not reported
Contact Name:	MANUEL NIETO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-2624
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	2008-02-13

93-02 150TH ST. (Continued) **U004118671**

Tank Info:

Tank Number:	001
Tank ID:	221598
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	11/29/1984
Date Tank Closed:	07/01/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	kakyer
Last Modified:	04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number:	002
Tank ID:	221599
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	11/29/1984
Date Tank Closed:	07/01/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	kakyer
Last Modified:	04/14/2017

93-02 150TH ST. (Continued) **U004118671**

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number:	003
Tank ID:	221600
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	11/29/1984
Date Tank Closed:	07/01/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	kakyer
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number:	004
Tank ID:	221601
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	11/29/1984
Date Tank Closed:	07/01/2007

93-02 150TH ST. (Continued) **U004118671**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	kakyer
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Y281 **ALL STARS AUTO REPAIR OF QUEENS, INC.** **NY AST** **A100380418**
North **14916 ARCHER AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.138 mi.
727 ft. **Site 10 of 17 in cluster Y**

Relative:
Higher

Actual:
49 ft.

AST:

Name:	ALL STARS AUTO REPAIR OF QUEENS, INC.
Address:	14916 ARCHER AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-612031
Program Type:	PBS
UTM X:	600992.28375
UTM Y:	4506274.61533
Expiration Date:	04/12/2018
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	482430
Affiliation Type:	Facility Owner
Company Name:	MANUEL NIETO
Contact Type:	OWNER/MANAGER
Contact Name:	VICKRAM SINGH
Address1:	93-04 150 STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001

ALL STARS AUTO REPAIR OF QUEENS, INC. (Continued) **A100380418**

Phone:	(718) 523-2624
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-05-28

Site Id:	482430
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	VICKRAM SINGH
Address1:	14916 ARCHER AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 658-1061
EMail:	NYINSPECTIONINFO@HOTMAIL.COM
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-05-28

Site Id:	482430
Affiliation Type:	Facility Operator
Company Name:	ALL STARS AUTO REPAIR OF QUEENS, INC.
Contact Type:	Not reported
Contact Name:	SHYAM SAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-1061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-05-28

Site Id:	482430
Affiliation Type:	Emergency Contact
Company Name:	MANUEL NIETO
Contact Type:	Not reported
Contact Name:	VICKRAM SINGH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 406-6091
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-05-28

ALL STARS AUTO REPAIR OF QUEENS, INC. (Continued) **A100380418**

Tank Info:

Tank Number:	9170
Tank Id:	248473

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
A01 - Tank Internal Protection - Epoxy Liner
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/12/2013
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMMOLOUG
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AB282 **MST AUTO BODY & REPAIR INC.** **NY AST** **A100380407**
NNW **148-12 ARCHER AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.138 mi.
730 ft. **Site 1 of 5 in cluster AB**

Relative:
Higher

Actual:
49 ft.

AST:

Name:	MST AUTO BODY & REPAIR INC.
Address:	148-12 ARCHER AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-612018
Program Type:	PBS
UTM X:	600910.12642
UTM Y:	4506257.97922
Expiration Date:	N/A
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	481596
Affiliation Type:	Facility Owner
Company Name:	MST AUTO BODY & REPAIR INC.
Contact Type:	Not reported
Contact Name:	Not reported

MST AUTO BODY & REPAIR INC. (Continued) **A100380407**

Address1:	148-12 ARCHER AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 297-1645
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-05-16

Site Id:	481596
Affiliation Type:	Mail Contact
Company Name:	MUS AUTO BODY & REPAIR INC.
Contact Type:	Not reported
Contact Name:	FAZAL MOHAMED
Address1:	148-12 ARCHER AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 297-1645
EMail:	SALLYROOP@YAHOO.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-05-16

Site Id:	481596
Affiliation Type:	Facility Operator
Company Name:	MST AUTO BODY & REPAIR INC.
Contact Type:	Not reported
Contact Name:	FAZAL MOHAMED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 297-1645
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-05-06

Site Id:	481596
Affiliation Type:	Emergency Contact
Company Name:	MST AUTO BODY & REPAIR INC.
Contact Type:	Not reported
Contact Name:	FAZAL MOHAMED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

MST AUTO BODY & REPAIR INC. (Continued) **A100380407**

Phone: (718) 297-1645
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-05-06

Tank Info:

Tank Number: 001
Tank Id: 248167

Equipment Records:

E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
G05 - Tank Secondary Containment - Synthetic Liner
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 05/01/2013
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/07/2015
Register: True
Modified By: LXZIELIN
Last Modified: 04/26/2018
Material Name: waste oil/used oil

W283 **AMERICAN TORAVE INC. TORQUE** **NY AST** **A100360412**
SE **105-22 150TH STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.143 mi.
757 ft. **Site 3 of 4 in cluster W**

Relative: AST:
Lower
Actual: Name: AMERICAN TORAVE INC. TORQUE
31 ft. Address: 105-22 150TH STREET
City,State,Zip: JAMAICA, NY 11435
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-611765
Program Type: PBS
UTM X: 601224.72723
UTM Y: 4505773.80479

AMERICAN TORAVE INC. TORQUE (Continued) **A100360412**

Expiration Date: 03/01/2022
Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id: 461509
Affiliation Type: Facility Owner
Company Name: AMERICAN TORAVE INC. TORQUE
Contact Type: MANAGER
Contact Name: BOB MCCARTHY
Address1: 105-22 150TH ST
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 440-4572
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-06-08

Site Id: 461509
Affiliation Type: Mail Contact
Company Name: AMERICAN TORAVE TORQUE
Contact Type: Not reported
Contact Name: BOB MCCARTHY
Address1: 105-22 150TH STREET
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 440-4572
EMail: BOBMCCARTHY3911@GMAIL.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-06-08

Site Id: 461509
Affiliation Type: Facility Operator
Company Name: AMERICAN TORAVE INC
Contact Type: Not reported
Contact Name: BOB MCCARTHY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 526-2433
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2012-03-01

Site Id: 461509
Affiliation Type: Emergency Contact
Company Name: AMERICAN TORAVE INC

AMERICAN TORAVE INC. TORQUE (Continued) **A100360412**

Contact Type:	Not reported
Contact Name:	BOB MCCARTHY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 440-4572
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2012-03-01

Tank Info:

Tank Number:	1
Tank Id:	243053
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	E00 - Piping Secondary Containment - None
	H00 - Tank Leak Detection - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	K00 - Spill Prevention - None
	D00 - Pipe Type - No Piping
	L00 - Piping Leak Detection - None
	I04 - Overfill - Product Level Gauge (A/G)
	J00 - Dispenser - None
	G00 - Tank Secondary Containment - None
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/2011
Capacity Gallons:	350
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AC284
NE
1/8-1/4
0.148 mi.
779 ft.

JAMAICA GAS & LIGHT
BEAVER RD., & 158TH ST.
QUEENS, NY 11451

Site 1 of 4 in cluster AC

NY VCP **S113922143**
N/A

Relative:
Higher

Actual:
41 ft.

VCP:

Name:	JAMAICA GAS & LIGHT
Address:	BEAVER RD., & 158TH ST.
City,State,Zip:	QUEENS, NY 11451-
Program Type:	VCP
Site Code:	58323
HW Code:	V00713
Site Class:	N
SWIS:	4101
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/06/2003
Date Record Updated:	05/19/2004
Updated By:	ajsylves
Site Description:	See Site 241063
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AC285
NE
1/8-1/4
0.148 mi.
779 ft.

K - JAMAICA GAS AND LIGHT MGP
BEAVER RD., & 158TH ST.
QUEENS, NY 11451

Site 2 of 4 in cluster AC

NY SHWS **S109580118**
N/A

Relative:
Higher

Actual:
41 ft.

SHWS:

Name:	K - JAMAICA GAS AND LIGHT MGP
Address:	BEAVER RD., & 158TH ST.
City,State,Zip:	QUEENS, NY 11451
Program:	HW
Site Code:	378997
Classification:	A
Region:	2
Acres:	0.75
HW Code:	241063
Record Add:	03/27/2007
Record Upd:	02/28/2018
Updated By:	GWCROSS

Site Description: Location: The Jamaica Gas and Light MGP site is located in an urban area. The 0.76 acre site is immediately east of the intersection of 158th St and Beaver Rd, in Jamaica, NY, Queens County. LIRR tracks lie to the north of the site, and Prospect Cemetery lies to the south of the site. Site Features: The site is a relatively flat property that is vacant,fenced in,and partially covered in pavement. Current Zoning and Land Use: The site is currently vacant land that is rented out to a waste services company that uses it to store roll-off containers and trash compactors. The site is zoned as R6, residential. The surrounding parcels are currently used for a combination of commercial, and light industrial. York College is about 0.25 miles east of the site. The South Jamaica Houses are about 1/3 miles SE of the site. Downtown Jamaica is 1/10 mile north of the site. Past Use of the Site: A review of historical documents indicated that the site operated as a MGP for at least 25 years in the late 1800s before being converted to a gas storage and distribution facility around 1900 when the two smaller gas holders and structures associated with the MGP were demolished. The remaining large gas holder and associated gas storage and distribution structures were demolished in 1938. The property was subsequently used as offices by the Brooklyn Union Gas Company until the late 1960s, and then left vacant. Site Geology and Hydrogeology: Underlying the partially paved surface is urban fill consisting of poorly graded sand and gravel with varying amounts of anthropogenic debris, ranging from 3 to 19 feet in thickness. Underlying the fill is a native unit of sand, consisting of subunits of well and poorly graded sand. Discontinuous lenses of silty sand, sandy silt, and clay are present within the sand unit Maximum boring depth was 45 feet bgs and the bottom of the well graded sand unit was not encountered. The Gardiner's clay, if present, is estimated to occur at depths ranging between 75 and 90 feet bgs. Bedrock is estimated to be at depths greater than 500 ft bgs. Groundwater was encountered at depths ranging from 13 to 27 feet bgs. Groundwater generally flows from the north/northeast to the south/southwest.

Env Problem: Nature and Extent of Contamination: Prior to Remediation- Based upon investigations conducted to date, the primary contaminants of concern include coal tar and PAHs. Soil- Impacts beneath the site consist of tar odors, staining, and tar coatings of soil grains, generally to the center and southern area of the site, ranging from 3 to 33 feet bgs. Observations of tar coating were limited to four borings and 2

K - JAMAICA GAS AND LIGHT MGP (Continued) **S109580118**

	test pits, in the vicinity of the two smaller gas holders and former purifier and meter room. Observations of tar coating are limited to above the water table. Suspected purifier waste was observed in one test pit within the footprint of the former purifier and meter room. The total PAHs criterion from CP-51 of 500 ppm was only exceeded in 3 on-site subsurface soil samples. Groundwater- NAPL was not observed in any of the wells. Groundwater beneath the site does not contain MGP-related constituents at concentrations exceeding the TOGS standards. Inorganic compounds such as metals including iron, lead, manganese, and sodium were detected exceeding the TOGS standards occur naturally in the aquifer and are not related to the historic MGP operations. Soil Vapor and Indoor Air- Soil vapor and indoor air assessments were not performed because there are no structures or occupants currently on the site.
Health Problem:	The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-09-19 15:00:00
Record Upd:	2013-09-19 15:00:00
Updated By:	kbdilige
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	241063
Waste Type:	COAL TAR
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AC286
NE
1/8-1/4
0.148 mi.
779 ft.

K - JAMAICA GAS & LIGHT MGP
BEAVER RD., & 158TH ST.
QUEENS, NY 11451

Site 3 of 4 in cluster AC

NY BROWNFIELDS **S113916546**
N/A

Relative:
Higher

Actual:
41 ft.

BROWNFIELDS:

Name:	K - JAMAICA GAS & LIGHT MGP
Address:	BEAVER RD., & 158TH ST.
City,State,Zip:	QUEENS, NY 11451-
Program:	BCP
Site Code:	58324
Acres:	0.75
HW Code:	C241063
SWIS:	4101
Town:	New York City
Record Added Date:	05/19/2004
Record Updated Date:	12/07/2009
Update By:	MOBARRIE
Site Description:	See Site 241063
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AA287 **CON EDISON** **NJ MANIFEST** **S120668506**
WSW **144-99 95TH AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.148 mi.
782 ft. **Site 2 of 6 in cluster AA**

Relative:
Higher

Actual:
45 ft.

NJ MANIFEST:

EPA Id:	NYP004745451
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014088766JJK
EPA ID:	NYP004745451
Date Shipped:	3/7/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120668506**

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

AA288 **CON EDISON** **RCRA NonGen / NLR** **1018279704**
WSW **144-99 95TH AVE** **FINDS** **NYP004745451**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.148 mi.
782 ft. **Site 3 of 6 in cluster AA**

Relative:
Higher

Actual:
45 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-03-07 00:00:00.0
Facility name:	CON EDISON
Facility address:	144-99 95TH AVE JAMAICA, NY 11435
EPA ID:	NYP004745451
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-03-07 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

FINDS:

CON EDISON (Continued) **1018279704**

Registry ID: 110067695060

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

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

ECHO:
Envid: 1018279704
Registry ID: 110067695060
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067695060

AA289 **CON EDISON** **NY MANIFEST** **S118708361**
WSW **144-99 95TH AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.148 mi.
782 ft. **Site 4 of 6 in cluster AA**

Relative: **Higher**
Actual: **45 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 144-99 95TH AVE
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004745451
Facility Status: Not reported
Location Address 1: LIVERPOOL ST 94 AV
Code: BP
Location Address 2: SB6093
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11432
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004745451
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported

CON EDISON (Continued) **S118708361**

seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	03/07/2015
Trans1 Recv Date:	03/07/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/13/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004745451
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014088766JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Y290 **CON EDISON** **RCRA NonGen / NLR** **1019905887**
North **150TH ST & ARCHER AVE** **NYP004814717**
1/8-1/4 **JAMAICA, NY 11435**
0.148 mi.
783 ft. **Site 11 of 17 in cluster Y**

Relative: **Higher**
Actual: **47 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2015-07-29 00:00:00.0
Facility name:	CON EDISON
Facility address:	150TH ST & ARCHER AVE JAMAICA, NY 11435
EPA ID:	NYP004814717
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-29 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Violation Status: No violations found

Y291 **CON EDISON** **NY MANIFEST** **S117059604**
North **150TH ST & ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.148 mi.
783 ft. **Site 12 of 17 in cluster Y**

Relative: **Higher**
Actual: **47 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	150TH ST & ARCHER AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004814717

CON EDISON (Continued) **S117059604**

Facility Status:	Not reported
Location Address 1:	150TH ST & ARCHER AVE
Code:	BP
Location Address 2:	SB 9241
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004814717
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/29/2015
Trans1 Recv Date:	07/29/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/29/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004814717
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014472640JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON (Continued) **S117059604**

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

Name:	CON EDISON
Address:	150TH ST & ARCHER AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004517819
Facility Status:	Not reported
Location Address 1:	150 ST & ARCHER AVE
Code:	BP
Location Address 2:	SB9241
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004517819
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/30/2014
Trans1 Recv Date:	04/30/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

CON EDISON (Continued) **S117059604**

Generator EPA ID:	NYP004517819
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002417643GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Y292 **CON EDISON SERVICE BOX: 9241** **RCRA NonGen / NLR** **1017773984**
North **150TH ST & ARCHER AVE** **FINDS** **NYP004517819**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.148 mi.
783 ft. **Site 13 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-06-01 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 9241
Facility address:	150TH ST & ARCHER AVE JAMAICA, NY 11435
EPA ID:	NYP004517819
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported

CON EDISON SERVICE BOX: 9241 (Continued) **1017773984**

Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-05-01 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-05-01 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110069695743

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

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

ECHO:
Envid: 1017773984
Registry ID: 110069695743
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069695743

Y293 **CON EDISON** **NJ MANIFEST** **S120674632**
North **150TH ST & ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.148 mi.
783 ft. **Site 14 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

NJ MANIFEST:

EPA Id:	NYP004814717
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014472640JJK
EPA ID:	NYP004814717
Date Shipped:	7/29/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120674632**

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

W294 **BIG G AUTO, INC.** **NY AST** **A100157717**
SE **105-23 150TH STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.149 mi.
789 ft. **Site 4 of 4 in cluster W**

Relative:
Lower

Actual:
29 ft.

AST:

Name:	BIG G AUTO, INC.
Address:	105-23 150TH STREET
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604364
Program Type:	PBS
UTM X:	601235.48311
UTM Y:	4505784.29831
Expiration Date:	01/14/2024
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	26239
Affiliation Type:	Mail Contact
Company Name:	BIG G AUTO, INC.
Contact Type:	Not reported
Contact Name:	GARY MOHAMED
Address1:	105-23 150TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 206-1096
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-10-17

Site Id:	26239
Affiliation Type:	Facility Operator
Company Name:	BIG G AUTO INC.
Contact Type:	Not reported
Contact Name:	GARY MOHAMED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 206-1096

BIG G AUTO, INC. (Continued) **A100157717**

EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 2014-10-29

Site Id: 26239
Affiliation Type: Emergency Contact
Company Name: GARY MOHAMED
Contact Type: Not reported
Contact Name: GARY OR RAVINDRA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 523-8081
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 2014-10-29

Site Id: 26239
Affiliation Type: Facility Owner
Company Name: GARY MOHAMED
Contact Type: PRESIDENT
Contact Name: GARY MOHAMED
Address1: 105-23 150TH ST.
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 206-1096
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-10-17

Tank Info:

Tank Number: 001
Tank Id: 57475
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None

BIG G AUTO, INC. (Continued) **A100157717**

J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1998
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AB295 **CON EDISON** **NY MANIFEST** **S116043595**
NW **147-28 ARCHER AVE** **N/A**
1/8-1/4 **QUEENS, NY 11432**
0.150 mi.
790 ft. **Site 2 of 5 in cluster AB**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	147-28 ARCHER AVE
City,State,Zip:	QUEENS, NY 11432
Country:	USA
EPA ID:	NYP004399556
Facility Status:	Not reported
Location Address 1:	147-28 ARCHER AVE
Code:	BP
Location Address 2:	SB6500
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004399556
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

CON EDISON (Continued) **S116043595**

Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	12/04/2013
Trans1 Recv Date:	12/04/2013
Trans2 Recv Date:	12/04/2013
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004399556
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002300071GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

U296 **SAFEGUARD LIBERTY LLC** **RCRA NonGen / NLR** **1011490524**
East **156-01 LIBERTY AVE** **NY MANIFEST** **NYR000157859**
1/8-1/4 **JAMAICA, NY 11433**
0.151 mi.
796 ft. **Site 11 of 11 in cluster U**

Relative:
Lower

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2011-03-07 00:00:00.0
Facility name:	SAFEGUARD LIBERTY LLC
Facility address:	156-01 LIBERTY AVE JAMAICA, NY 11433
EPA ID:	NYR000157859
Mailing address:	MAXESS RD SUITE 125 MELVILLE, NY 11747
Contact:	JAMES GOONAN
Contact address:	MAXESS RD SUITE 125 MELVILLE, NY 11747
Contact country:	US
Contact telephone:	631-539-0200
Contact email:	JIMG@SAFEGUARDIT.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SAFEGUARD LIBERTY LLC
Owner/operator address:	MAXESS RD SUITE 125 MELVILLE, NY 11747
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2008-02-20 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	SAFEGUARD LIBERTY LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2008-02-20 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

SAFEGUARD LIBERTY LLC (Continued) **1011490524**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2008-06-17 00:00:00.0
Site name: SAFEGUARD LIBERTY LLC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

SAFEGUARD LIBERTY LLC (Continued) **1011490524**

ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:
Name: SAFEGUARD LIBERTY LLC
Address: 156-01 LIBERTY AVE
City,State,Zip: JAMAICA, NY 11433
Country: USA
EPA ID: NYR000157859
Facility Status: Not reported
Location Address 1: 156-01 LIBERTY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11433
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000157859
Mailing Name: SAFEGUARD LIBERTY LLC
Mailing Contact: SAFEGUARD LIBERTY LLC
Mailing Address 1: 156-01 LIBERTY AVE
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11433
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5168164766

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: OHD077772895
Trans2 State ID: OHR000102053
Generator Ship Date: 10/06/2008
Trans1 Recv Date: 10/06/2008
Trans2 Recv Date: 10/06/2008
TSD Site Recv Date: 10/06/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000157859
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: OHD066060609
TSDF ID 2: Not reported
Manifest Tracking Number: 004137988JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

SAFEGUARD LIBERTY LLC (Continued) **1011490524**

Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	13500.0
Units:	P - Pounds
Number of Containers:	27.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD297 **THE CROSSING AT JAMAICA STATION** **RCRA-LQG** **1023679069**
NW **147-22 ARCHER AVE** **NYR000230482**
1/8-1/4 **JAMAICA, NY 11435**
0.152 mi.
800 ft. **Site 1 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

RCRA-LQG:

Date form received by agency:	2018-03-14 00:00:00.0
Facility name:	THE CROSSING AT JAMAICA STATION
Facility address:	147-22 ARCHER AVE JAMAICA, NY 11435
EPA ID:	NYR000230482
Mailing address:	ARCHER AVE JAMAICA, NY 11435
Contact:	ANDREW COHEN
Contact address:	3RD AVE 33RD FLOOR NEW YORK, NY 10017
Contact country:	US
Contact telephone:	212-488-1739
Contact email:	Not reported
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely

THE CROSSING AT JAMAICA STATION (Continued) **1023679069**

hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	ANDREW COHEN C/O CJ PLAZA ONE LLC
Owner/operator address:	WEST 36TH
	NEW YORK, NY 10018
Owner/operator country:	US
Owner/operator telephone:	212-488-1739
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2017-12-01 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	CJ PLAZA ONE LLC
Owner/operator address:	3RD AVE 33RD FLOOR
	NEW YORK, NY 10017
Owner/operator country:	US
Owner/operator telephone:	212-488-1739
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2017-12-01 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	CJ PLAZA ONE LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2016-01-01 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	HP JAMSTA HOUSING DEVELOPMENT FUN COMPANY INC
Owner/operator address:	W 36TH ST
	NEW YORK, NY 10018
Owner/operator country:	US
Owner/operator telephone:	212-488-1739
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

THE CROSSING AT JAMAICA STATION (Continued) **1023679069**

Owner/Op start date: 2016-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2017-04-18 00:00:00.0
Site name: CROSSING AT JAMAICA STATION THE
Classification: Not a generator, verified

Date form received by agency: 2017-01-30 00:00:00.0
Site name: CROSSING AT JAMAICA STATION THE
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

AD298 **THE CROSSING AT JAMAICA STATION** **NY MANIFEST** **S120959668**
NW **147-22 ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.152 mi.
800 ft. **Site 2 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:
Name: THE CROSSING AT JAMAICA STATION
Address: 147-22 ARCHER AVE
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYR000230482
Facility Status: Not reported
Location Address 1: 147-22 ARCHER AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

THE CROSSING AT JAMAICA STATION (Continued) **S120959668**

NY MANIFEST:

EPAID:	NYR000230482
Mailing Name:	THE CROSSING AT JAMAICA STATION
Mailing Contact:	CJ PLAZA ONE LLC
Mailing Address 1:	147-22 ARCHER AVE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124881739

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2017
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	02/27/2017
Trans1 Recv Date:	02/27/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/27/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000230482
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	010397651FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	33860
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008

THE CROSSING AT JAMAICA STATION (Continued) **S120959668**

Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD299 **CJ PLAZA ONE LLC** **PA MANIFEST** **S123093912**
NW **147-22 ARCHER AVE** **N/A**
1/8-1/4 **QUEENS, NY 11423**
0.152 mi.
800 ft. **Site 3 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

Manifest Details:

Year:	2017
Manifest Number:	010397651FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000230482
Generator Date:	02/27/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	Not reported
Container Type:	Dump truck
Waste Quantity:	33860
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	010397643FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000230482
Generator Date:	02/27/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield

CJ PLAZA ONE LLC (Continued) **S123093912**

TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Metal boxes, cartons, cases (including roll-offs)
Waste Quantity:	30
Unit:	Cubic Yards
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

AD300 **147-22 ARCHER AVENUE - "THE CROSSING AT JAMAICA"** **NY VCP** **S125316848**
NW **147-22 ARCHER AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.152 mi.
800 ft. **Site 4 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

VCP NYC:

Project ID:	15TMP0462Q, 15EHAN462Q, 16CVCP036Q
Name:	147-22 ARCHER AVENUE - "THE CROSSING AT JAMAICA"
Address:	147-22 ARCHER AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

AD301 **THE CROSSING AT JAMAICA STATION** **NY UST** **U004289065**
NW **147-22 ARCHER AVENUE** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.152 mi.
800 ft. **Site 5 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

UST:

Name:	THE CROSSING AT JAMAICA STATION
Address:	147-22 ARCHER AVENUE
City,State,Zip:	QUEENS, NY 11435
Id/Status:	2-612895 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	Not reported
UTM Y:	Not reported
Site Type:	Other

Affiliation Records:

Site Id:	570635
Affiliation Type:	Facility Owner
Company Name:	BRP JAMSTA TC OWNER, LLC
Contact Type:	DIRECTOR
Contact Name:	MARY SERAFY
Address1:	767 THIRD AVENUE, 33RD FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

Phone:	(212) 488-1739
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2018-05-22

Site Id:	570635
Affiliation Type:	Mail Contact
Company Name:	BRP DEVELOPMENT CORP.
Contact Type:	Not reported
Contact Name:	MARY SERAFY
Address1:	767 THIRD AVENUE, 33RD FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 488-1739
EMail:	MSERAFY@BRPCOMPANIES.COM
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2018-05-22

Site Id:	570635
Affiliation Type:	Facility Operator
Company Name:	THE CROSSING AT JAMAICA STATION
Contact Type:	Not reported
Contact Name:	BRP DEVELOPMENT CORP.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 488-1739
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2018-05-22

Site Id:	570635
Affiliation Type:	Emergency Contact
Company Name:	BRP JAMSTA TC OWNER LLC
Contact Type:	Not reported
Contact Name:	MARY SERAFY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 488-1739
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2018-05-22

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

Tank Info:

Tank Number:	1
Tank ID:	276038
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	03/21/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	05/22/2018

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number:	10
Tank ID:	276047
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/11/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	05/22/2018

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 11
Tank ID: 276048
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/11/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None

Tank Number: 12
Tank ID: 276049
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/22/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 2
Tank ID: 276039
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/21/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None

Tank Number: 3
Tank ID: 276040
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/21/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 4
Tank ID: 276041
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/21/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 5
Tank ID: 276042
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

Date Tank Closed: 03/21/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Number: 6
Tank ID: 276043
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/21/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

Tank Number: 7
Tank ID: 276044
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/21/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Number: 8
Tank ID: 276045
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 10/11/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 05/22/2018

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

THE CROSSING AT JAMAICA STATION (Continued) **U004289065**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None

Tank Number:	9
Tank ID:	276046
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	Not reported
Date Tank Closed:	04/28/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	05/22/2018

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Y302 **LIRR BRIDGE 06-0-095A** **RCRA-SQG** **1001079701**
North **ABOVE 150TH ST BETWEEN ARCHER & 94TH AVES** **NY MANIFEST** **NYR000014084**
1/8-1/4 **JAMAICA, NY 11423**
0.153 mi.
809 ft. **Site 15 of 17 in cluster Y**

Relative: **Higher**
Actual: **47 ft.**

RCRA-SQG:

Date form received by agency:	2019-02-26 00:00:00.0
Facility name:	LIRR BRIDGE 06-0-095A
Facility address:	ABOVE 150TH ST BETWEEN ARCHER & 94TH AVES JAMAICA, NY 11423
EPA ID:	NYR000014084
Mailing address:	ARCHER AVENUE MC 1428 JAMAICA, NY 11435
Contact:	KATHLEEN A GREEN
Contact address:	ARCHER AVENUE MC 1428 JAMAICA, NY 11435
Contact country:	US
Contact telephone:	347-494-6927
Contact email:	KGREEN@LIRR.ORG

LIRR BRIDGE 06-0-095A (Continued) **1001079701**

EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: LONG ISLAND RAILROAD CO
Owner/operator address: 90-27 SUTPHIN BLVD 4TH FLOOR
JAMAICA, NY 11435
Owner/operator country: Not reported
Owner/operator telephone: 718-558-3662
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MTA LONG ISLAND RAIL ROAD
Owner/operator address: SUTPHIN BOULEVARD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 347-494-6927
Owner/operator email: KGREEN@LIRR.ORG
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 1850-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA LONG ISLAND RAIL ROAD
Owner/operator address: SUTPHIN BOULEVARD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: 347-494-6927
Owner/operator email: KGREEN@LIRR.ORG
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 1850-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

LIRR BRIDGE 06-0-095A (Continued) **1001079701**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-01-01 00:00:00.0
Site name: LIRR BRIDGE 06-0-095A
Classification: Not a generator, verified

Date form received by agency: 2006-01-01 00:00:00.0
Site name: LIRR BRIDGE 06-0-095A
Classification: Not a generator, verified

Date form received by agency: 1995-09-27 00:00:00.0
Site name: LIRR BRIDGE 06-0-095A
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:
Name: LONG ISLAND RAILROAD BRIDGE #06-0-095A
Address: ABOVE 150TH ST BETWEEN ARCHER
City,State,Zip: JAMAICA, NY 11423
Country: USA
EPA ID: NYR000014084
Facility Status: Not reported
Location Address 1: ABOVE 150TH/ARCHER & 94TH AVES
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11423
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000014084
Mailing Name: LONG ISLAND RAILROAD BRIDGE #06-0-095A
Mailing Contact: JACK DANDREA
Mailing Address 1: 124-04 METROPOLITAN AVENUE
Mailing Address 2: Not reported
Mailing City: KEW GARDENS
Mailing State: NY
Mailing Zip: 11415

LIRR BRIDGE 06-0-095A (Continued) **1001079701**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188500986

NY MANIFEST:

Document ID:	MIA4133985
Manifest Status:	K
seq:	Not reported
Year:	1995
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	12/15/1995
Trans1 Recv Date:	12/15/1995
Trans2 Recv Date:	/ /
TSD Site Recv Date:	01/30/1996
Part A Recv Date:	01/12/1996
Part B Recv Date:	02/20/1996
Generator EPA ID:	NYR000014084
Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID096963194
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AA303 **CON EDISON** **NY MANIFEST** **S117062730**
West **144-06 94TH AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.158 mi.
833 ft. **Site 5 of 6 in cluster AA**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	144-06 94TH AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004551107
Facility Status:	Not reported
Location Address 1:	OPP 144-06 94 AVE
Code:	BP
Location Address 2:	SB 34482
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004551107
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	06/02/2014
Trans1 Recv Date:	06/02/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004551107
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002424173GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117062730**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AA304 **CON EDISON** **RCRA NonGen / NLR** **1017777219**
West **144-06 94TH AVE** **NYP004551107**
1/8-1/4 **JAMAICA, NY 11435**
0.158 mi.
833 ft. **Site 6 of 6 in cluster AA**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-07-03 00:00:00.0
Facility name:	CON EDISON
Site name:	CON EDISON SERVICE BOX: 34482
Facility address:	144-06 94TH AVE JAMAICA, NY 11435
EPA ID:	NYP004551107
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

CON EDISON (Continued) **1017777219**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-06-03 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator
Date form received by agency:	2014-06-03 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified
Violation Status:	No violations found

AD305 **CON EDISON - SERVICE BOX 16340** **RCRA-LQG** **1016966839**
NW **147-12 ARCHER AVE. AND SUPTHIN** **NYP004396784**
1/8-1/4 **JAMAICA, NY 11435**
0.161 mi.
849 ft. **Site 6 of 14 in cluster AD**

Relative: **Higher**

Actual: **49 ft.**

RCRA-LQG:

Date form received by agency:	2014-03-27 00:00:00.0
Facility name:	CON EDISON - SERVICE BOX 16340
Facility address:	147-12 ARCHER AVE. AND SUPTHIN BLVD. JAMAICA, NY 11435
EPA ID:	NYP004396784
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2757
Contact email:	HUACOND@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CON EDISON - SERVICE BOX 16340 (Continued) **1016966839**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2013-11-22 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2013-11-22 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-12-22 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 16340
Classification:	Not a generator, verified

Date form received by agency:	2013-11-22 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 16340
Classification:	Conditionally Exempt Small Quantity Generator

CON EDISON - SERVICE BOX 16340 (Continued) **1016966839**

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

AD306 **CON EDISON** **NY MANIFEST** **S119073840**
NW **147-12 ARCHER AVE & SUPTHIN BL** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.161 mi.
849 ft. **Site 7 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	147-12 ARCHER AVE & SUPTHIN BL
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004396784
Facility Status:	Not reported
Location Address 1:	147-12 ARCHER AVE
Code:	BP
Location Address 2:	SB16340
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004396784
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/22/2013
Trans1 Recv Date:	11/22/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/25/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004396784
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S119073840**

TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002299933GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AE307 **CON EDISON** **NY MANIFEST** **S119076867**
North **151-61 N ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.161 mi.
849 ft. **Site 1 of 4 in cluster AE**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	151-61 N ARCHER AVE
City,State,Zip:	JAMAICA, NY 11433
Country:	USA
EPA ID:	NYP004815045
Facility Status:	Not reported
Location Address 1:	ARCHER AVE & 151TH ST
Code:	BP
Location Address 2:	SB 68597
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

CON EDISON (Continued) **S119076867**

NY MANIFEST:

EPAID:	NYP004815045
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/29/2015
Trans1 Recv Date:	07/29/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/29/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004815045
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014472642JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008

CON EDISON (Continued) **S119076867**

Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AE308 **CON EDISON** **NJ MANIFEST** **S120674663**
North **151-61 N ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.161 mi.
849 ft. **Site 2 of 4 in cluster AE**

Relative:
Higher

Actual:
47 ft.

NJ MANIFEST:

EPA Id:	NYP004815045
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014472642JJK
EPA ID:	NYP004815045
Date Shipped:	7/29/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

CON EDISON (Continued) **S120674663**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AE309 **CON EDISON** **RCRA NonGen / NLR** **1019905917**
North **151-61 N ARCHER AVE** **NYP004815045**
1/8-1/4 **JAMAICA, NY 11433**
0.161 mi.
849 ft. **Site 3 of 4 in cluster AE**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-07-29 00:00:00.0
Facility name:	CON EDISON
Facility address:	151-61 N ARCHER AVE JAMAICA, NY 11433
EPA ID:	NYP004815045
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

CON EDISON (Continued) **1019905917**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-07-29 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AF310 **CON EDISON MANHOLE: 2926** **RCRA NonGen / NLR** **1017777143**
South **SUTPHIN BLVD & 105TH AVE NW** **FINDS** **NYP004550307**
1/8-1/4 **JAMAICA, NY 11405**
0.162 mi.
854 ft. **Site 1 of 4 in cluster AF**

Relative:
Lower

Actual:
37 ft.

RCRA NonGen / NLR:
Date form received by agency: 2014-07-02 00:00:00.0
Facility name: CON EDISON MANHOLE: 2926
Facility address: SUTPHIN BLVD & 105TH AVE NW
COR
JAMAICA, NY 11405
EPA ID: NYP004550307
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-06-02 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

CON EDISON MANHOLE: 2926 (Continued) **1017777143**

Date form received by agency: 2014-06-02 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063813048

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

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

AF311 **CON EDISON** **NY MANIFEST** **S117736666**
South **SUTPHIN BLVD & 105TH AVE NW** **N/A**
1/8-1/4 **JAMAICA, NY 11405**
0.162 mi.
854 ft. **Site 2 of 4 in cluster AF**

Relative:
Lower

Actual:
37 ft.

NY MANIFEST:
Name: CON EDISON
Address: SUTPHIN BLVD & 105TH AVE NW
City,State,Zip: JAMAICA, NY 11405
Country: USA
EPA ID: NYP004550307
Facility Status: Not reported
Location Address 1: N/W/C SUTPHI& 105 AVE.
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11405
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004550307
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

CON EDISON (Continued) **S117736666**

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	06/02/2014
Trans1 Recv Date:	06/02/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004550307
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013245628JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	325
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AG312 **TUSCAN DAIRY GARAGE** **RCRA NonGen / NLR** **1000552408**
ESE **155-25 STYLER RD** **NYD986948073**
1/8-1/4 **JAMAICA, NY 11433**
0.162 mi.
857 ft. **Site 1 of 5 in cluster AG**

Relative:
Lower

Actual:
30 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	TUSCAN DAIRY GARAGE
Facility address:	155-25 STYLER RD JAMAICA, NY 11433-1514
EPA ID:	NYD986948073
Mailing address:	STYLER RD JAMAICA, NY 11433
Contact:	Not reported
Contact address:	STYLER RD JAMAICA, NY 11433
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ELMHURST DAIRY
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ELMHURST DAIRY
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

TUSCAN DAIRY GARAGE (Continued) **1000552408**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: TUSCAN DAIRY GARAGE
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: TUSCAN DAIRY GARAGE
Classification: Not a generator, verified

Date form received by agency: 1991-04-10 00:00:00.0
Site name: TUSCAN DAIRY GARAGE
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

AG313 **HONEYWELL FARMS** **NY LTANKS** **U000400282**
ESE **155-25 STYLER ROAD** **NY UST** **N/A**
1/8-1/4 **JAMAICA, NY 11433** **NY CBS**
0.162 mi. **NY Spills**
857 ft. **Site 2 of 5 in cluster AG**

Relative: **Lower**

Actual: **30 ft.**

LTANKS:
Name: 155-25 STYLER ROAD
Address: 155-25 STYLER ROAD
City,State,Zip: JAMAICA, NY
Spill Number/Closed Date: 9203003 / 2006-03-31
Facility ID: 9203003
Site ID: 253301
Spill Date: 1991-12-01
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: TPFESTA
Referred To: Not reported
Reported to Dept: 1992-06-12
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other

HONEYWELL FARMS (Continued) **U000400282**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1992-06-17
Spill Record Last Update:	2006-04-03
Spiller Name:	Not reported
Spiller Company:	ELMHURST DAIRY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	207508
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel. System turned off in 1997. 1998 periodic monitoring ceased. Region previously determined it was inactive and evidence of natural attentuation would end monitoring. Case closed per 2005 Spill Closure Initiative."
Remarks:	"CONTAMINTED SOIL DISCOVERED DURING TANK PULL."

All Materials:

Site ID:	253301
Operable Unit ID:	970287
Operable Unit:	01
Material ID:	410829
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	HONEYWELL FARMS
Address:	155-25 STYLER ROAD
City,State,Zip:	JAMAICA, NY 11433
Id/Status:	2-268445 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	08/10/2019
UTM X:	601421.59795
UTM Y:	4505892.30285
Site Type:	Other

Affiliation Records:

Site Id:	11188
Affiliation Type:	Facility Owner
Company Name:	ELMHURST DAIRY
Contact Type:	Not reported
Contact Name:	Not reported

HONEYWELL FARMS (Continued) **U000400282**

Address1:	155-25 STYLER ROAD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-07-16

Site Id:	11188
Affiliation Type:	Mail Contact
Company Name:	ELMHURST DAIRY INC.
Contact Type:	DIRECTOR OF ACCOUNTING
Contact Name:	MATTHEW BERGEN
Address1:	155-25 STYLER ROAD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-04-06

Site Id:	11188
Affiliation Type:	Facility Operator
Company Name:	HONEYWELL FARMS
Contact Type:	Not reported
Contact Name:	ELMHURST DAIRY INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-07-16

Site Id:	11188
Affiliation Type:	Emergency Contact
Company Name:	ELMHURST DAIRY INC.
Contact Type:	Not reported
Contact Name:	EDWARD SYKES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

HONEYWELL FARMS (Continued) **U000400282**

Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2008-05-23

Tank Info:

Tank Number:	001
Tank ID:	13500
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	07/01/1970
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	06/16/2015
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	HDDUPIGN
Last Modified:	02/01/2018

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	002
Tank ID:	13501
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	07/01/1970
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21

HONEYWELL FARMS (Continued) **U000400282**

Date Test: 06/16/2015
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: HDDUPIGN
Last Modified: 02/01/2018

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 179712
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 09/15/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/06/2017

Equipment Records:

E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
B08 - Tank External Protection - Retrofitted Impressed Current
F08 - Pipe External Protection - Retrofitted Impressed Current
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 004
Tank ID: 179713

HONEYWELL FARMS (Continued) **U000400282**

Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 09/15/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/06/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
F08 - Pipe External Protection - Retrofitted Impressed Current
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
B08 - Tank External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 179714
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 09/15/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/06/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off

HONEYWELL FARMS (Continued) **U000400282**

K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
F08 - Pipe External Protection - Retrofitted Impressed Current
B08 - Tank External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 006
Tank ID: 179715
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 09/15/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/06/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
B08 - Tank External Protection - Retrofitted Impressed Current
F08 - Pipe External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 007
Tank ID: 179716
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0008
Common Name of Substance: Diesel

HONEYWELL FARMS (Continued) **U000400282**

Tightness Test Method: 21
Date Test: 09/15/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/06/2017

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
F08 - Pipe External Protection - Retrofitted Impressed Current
B08 - Tank External Protection - Retrofitted Impressed Current
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 008
Tank ID: 179717
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 550
Install Date: 01/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: 21
Date Test: 06/16/2015
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: HDDUPIGN
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
F08 - Pipe External Protection - Retrofitted Impressed Current
B08 - Tank External Protection - Retrofitted Impressed Current
H05 - Tank Leak Detection - In-Tank System (ATG)

CBS:
Name: HONEYWELL FARMS,INC.

HONEYWELL FARMS (Continued) **U000400282**

Address:	155-25 STYLER ROAD
City,State,Zip:	JAMAICA, NY 11433
CBS Number:	2-000057
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	601351.69115
UTMY:	4505841.75593

SPILLS:

Name:	ELMHURST DAIRY
Address:	155-25 STYLER ROAD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0507050 / 2005-09-12
Facility ID:	0507050
Facility Type:	ER
DER Facility ID:	207508
Site ID:	352371
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2005-09-11
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2005-09-11
CID:	72
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-09-12
Spill Record Last Update:	2005-09-12
Spiller Name:	RAY MINCHELLA
Spiller Company:	SPRAUG ENERGY CORP
Spiller Address:	7 HAMPTON RD
Spiller Company:	001
Contact Name:	RAY MINCHELLA
DEC Memo:	"9/12/2005 - jz: Zhao spoke with Mr. Adam Libuser, Miller Environmental and confirmed that spill was on pavement and has been cleaned up."
Remarks:	"Possible overfill caused diesel to spill onto pavement. Miller Environmental en route for cleanup."

All Materials:

Site ID:	352371
Operable Unit ID:	1109873
Operable Unit:	01
Material ID:	2099890
Material Code:	0008
Material Name:	diesel

HONEYWELL FARMS (Continued) **U000400282**

Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: .00
Oxygenate: Not reported

AG314 **HONEYWELL FARMS** **NY AST** **A100410440**
ESE **155-25 STYLER ROAD** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.162 mi.
857 ft. **Site 3 of 5 in cluster AG**

Relative:
Lower

Actual:
30 ft.

AST:
Name: HONEYWELL FARMS
Address: 155-25 STYLER ROAD
City,State,Zip: JAMAICA, NY 11433
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-268445
Program Type: PBS
UTM X: 601421.59795
UTM Y: 4505892.30285
Expiration Date: 08/10/2019
Site Type: Other

Affiliation Records:
Site Id: 11188
Affiliation Type: Facility Owner
Company Name: ELMHURST DAIRY
Contact Type: Not reported
Contact Name: Not reported
Address1: 155-25 STYLER ROAD
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11433
Country Code: 001
Phone: (718) 526-3442
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-07-16

Site Id: 11188
Affiliation Type: Mail Contact
Company Name: ELMHURST DAIRY INC.
Contact Type: DIRECTOR OF ACCOUNTING
Contact Name: MATTHEW BERGEN
Address1: 155-25 STYLER ROAD
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11433
Country Code: 001
Phone: (718) 526-3442

HONEYWELL FARMS (Continued) **A100410440**

EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-04-06

Site Id: 11188
Affiliation Type: Facility Operator
Company Name: HONEYWELL FARMS
Contact Type: Not reported
Contact Name: ELMHURST DAIRY INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 526-3442
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-07-16

Site Id: 11188
Affiliation Type: Emergency Contact
Company Name: ELMHURST DAIRY INC.
Contact Type: Not reported
Contact Name: EDWARD SYKES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 526-3442
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-05-23

Tank Info:

Tank Number: 009
Tank Id: 255105

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

HONEYWELL FARMS (Continued) **A100410440**

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	HDDUPIGN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	010
Tank Id:	255106

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	HDDUPIGN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	011
Tank Id:	255107

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

HONEYWELL FARMS (Continued) **A100410440**

B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	HDDUPIGN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil
Tank Number:	012
Tank Id:	255108

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	HDDUPIGN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

HONEYWELL FARMS (Continued) **A100410440**

Tank Number:	013
Tank Id:	255109

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	HDDUPIGN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AB315 **SALVATION ARMY STORE** **NY AST** **U000400123**
NNW **148-15 ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.163 mi.
860 ft. **Site 3 of 5 in cluster AB**

Relative:
Higher

Actual:
49 ft.

AST:

Name:	SALVATION ARMY STORE
Address:	148-15 ARCHER AVE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-257672
Program Type:	PBS
UTM X:	600879.05547
UTM Y:	4506255.97718
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	10636
Affiliation Type:	Facility Owner
Company Name:	92-18 149TH ST REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P O BOX 1379

SALVATION ARMY STORE (Continued) **U000400123**

Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 392-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	10636
Affiliation Type:	Mail Contact
Company Name:	92-18 149TH ST REALTY CORP
Contact Type:	Not reported
Contact Name:	JEFF SITOMER
Address1:	P O BOX 1379
Address2:	Not reported
City:	LONG ISALAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 392-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	10636
Affiliation Type:	Facility Operator
Company Name:	SALVATION ARMY STORE
Contact Type:	Not reported
Contact Name:	92-18 149TH ST. REALTY CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 380-6730
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	10636
Affiliation Type:	Emergency Contact
Company Name:	92-18 149TH ST REALTY CORP
Contact Type:	Not reported
Contact Name:	JEFF SITOMER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(201) 947-8160

SALVATION ARMY STORE (Continued) **U000400123**

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 13221
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/30/1999
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

AB316 **EBY ELECTRO INC** **RCRA NonGen / NLR** **1000111767**
NNW **148-05 ARCHER AVE** **FINDS** **NYD001529247**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.164 mi. **NY MANIFEST**
867 ft. **Site 4 of 5 in cluster AB**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:
Date form received by agency: 2007-01-01 00:00:00.0
Facility name: EBY ELECTRO INC
Facility address: 148-05 ARCHER AVE
JAMAICA, NY 11435-4316
EPA ID: NYD001529247
Mailing address: ARCHER AVE
JAMAICA, NY 11435
Contact: Not reported
Contact address: ARCHER AVE
JAMAICA, NY 11435
Contact country: US
Contact telephone: Not reported

EBY ELECTRO INC (Continued) **1000111767**

Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: EBY ELECTRO INC
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0

EBY ELECTRO INC (Continued) **1000111767**

Site name: EBY ELECTRO INC
Classification: Not a generator, verified

Date form received by agency: 1985-02-15 00:00:00.0
Site name: EBY ELECTRO INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1988-12-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004335292

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

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

ECHO:
Envid: 1000111767
Registry ID: 110004335292
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004335292

NY MANIFEST:
Name: EBY ELECTRO
Address: 148-05 ARCHER AVE
City,State,Zip: JAMAICA, NY 11435-4316
Country: USA
EPA ID: NYD001529247
Facility Status: Not reported
Location Address 1: 148-05 ARCHER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported

EBY ELECTRO INC (Continued) **1000111767**

Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001529247
Mailing Name:	EBY ELECTRO
Mailing Contact:	EBY ELECTRO
Mailing Address 1:	148-05 ARCHER AVENUE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182913232

NY MANIFEST:

Document ID:	NJA0462193
Manifest Status:	C
seq:	Not reported
Year:	1988
Trans1 State ID:	S06329
Trans2 State ID:	Not reported
Generator Ship Date:	08/24/1988
Trans1 Recv Date:	08/24/1988
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/25/1988
Part A Recv Date:	09/06/1988
Part B Recv Date:	09/01/1988
Generator EPA ID:	NYD001529247
Trans1 EPA ID:	NJD982528168
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002454544
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F001 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00040
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001

EBY ELECTRO INC (Continued) **1000111767**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD317 **CHEMICAL BANK** **NY AST** **U004076841**
NW **93-01 SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.166 mi.
876 ft. **Site 8 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

AST:
Name: CHEMICAL BANK
Address: 93-01 SUTPHIN BLVD
City,State,Zip: JAMAICA, NY 11435
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-153605
Program Type: PBS
UTM X: 600733.16713
UTM Y: 4506196.92731
Expiration Date: 06/05/2002
Site Type: Other

Affiliation Records:
Site Id: 4874
Affiliation Type: Facility Owner
Company Name: CHASE BANK
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 CHASE PLAZE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10081
Country Code: 001
Phone: (212) 622-8078
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 4874
Affiliation Type: Mail Contact
Company Name: PM REALTY GROUP
Contact Type: Not reported
Contact Name: JACK FUCICH
Address1: 4 CHASE METROTECH CENTER
Address2: GROUND FLOOR
City: BROOKLYN
State: NY
Zip Code: 11245
Country Code: 001
Phone: (718) 242-2828

CHEMICAL BANK (Continued) **U004076841**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	4874
Affiliation Type:	Facility Operator
Company Name:	CHEMICAL BANK
Contact Type:	Not reported
Contact Name:	CHASE BANK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 552-5311
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	4874
Affiliation Type:	Emergency Contact
Company Name:	CHASE BANK
Contact Type:	Not reported
Contact Name:	JACK FUCICK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 856-4091
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	8205
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination

CHEMICAL BANK (Continued) **U004076841**

	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3510
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AH318 **ALMEIDA CONCRETE** **NY AST** **A100429488**
SSE **105-24 148 STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.166 mi.
878 ft. **Site 1 of 3 in cluster AH**

Relative: **Lower**
Actual: **33 ft.**

AST:

Name:	ALMEIDA CONCRETE
Address:	105-24 148 STREET
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-612639
Program Type:	PBS
UTM X:	601159.16400
UTM Y:	4505722.23924
Expiration Date:	12/30/2021
Site Type:	Other

Affiliation Records:

Site Id:	536236
Affiliation Type:	Facility Owner
Company Name:	A&F SCACCIA REALTY INC.
Contact Type:	PRESIDENT
Contact Name:	ANTHONY SCACCIA
Address1:	104-17 148 STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-1488
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	536236
Affiliation Type:	Mail Contact
Company Name:	A&F SCACCIA REALTY INC.

ALMEIDA CONCRETE (Continued) **A100429488**

Contact Type:	PRESIDENT
Contact Name:	ANTHONY SCACCIA
Address1:	104-17 148TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 523-1488
EMail:	CTM1488@AOL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-12-07

Site Id:	536236
Affiliation Type:	Facility Operator
Company Name:	ALMEIDA CONCRETE
Contact Type:	Not reported
Contact Name:	ANTHONY SCACCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-1488
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-12-05

Site Id:	536236
Affiliation Type:	Emergency Contact
Company Name:	A + F SCACCIA REALTY INC.
Contact Type:	Not reported
Contact Name:	ANTHONY SCACCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 732-5262
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-12-05

Tank Info:

Tank Number:	001
Tank Id:	265006

Equipment Records:

K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron

ALMEIDA CONCRETE (Continued) **A100429488**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
J05 - Dispenser - On Site Heating System (Supply/Return)
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 01/01/1999
Capacity Gallons: 1000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMPOKRZY
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 265007

Equipment Records:

K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/2015
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMPOKRZY
Last Modified: 04/14/2017
Material Name: waste oil/used oil

ALMEIDA CONCRETE (Continued) **A100429488**

Tank Number: 003
Tank Id: 265008

Equipment Records:

F99 - Pipe External Protection - Other
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
J06 - Dispenser - Tank Mounted Dispenser
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
D11 - Pipe Type - Flexible Piping
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 08/01/2015
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMPOKRZY
Last Modified: 04/14/2017
Material Name: hydraulic oil

Tank Number: 004
Tank Id: 265009

Equipment Records:

F99 - Pipe External Protection - Other
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
J06 - Dispenser - Tank Mounted Dispenser
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
D11 - Pipe Type - Flexible Piping
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 08/01/2015
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported

ALMEIDA CONCRETE (Continued) **A100429488**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	04/14/2017
Material Name:	motor oil

Y319 **CON EDISON** **NY MANIFEST** **S118086953**
North **92-12 150TH ST FRONT OF** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.167 mi.
880 ft. **Site 16 of 17 in cluster Y**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	92-12 150TH ST FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004487666
Facility Status:	Not reported
Location Address 1:	92-12 150 ST
Code:	BP
Location Address 2:	SB 21077
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11367
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004487666
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/03/2014
Trans1 Recv Date:	04/03/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004487666
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S118086953**

TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002360972GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Y320 **CON EDISON SERVICE BOX: 21077** **RCRA NonGen / NLR** **1017771821**
North **92-12 150TH ST FRONT OF** **FINDS** **NYP004487666**
1/8-1/4 **JAMAICA, NY 11435**
0.167 mi.
880 ft. **Site 17 of 17 in cluster Y**

Relative: RCRA NonGen / NLR:
Higher

Date form received by agency:	2014-05-03 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 21077
Facility address:	92-12 150TH ST FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004487666
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02

Actual:
47 ft.

CON EDISON SERVICE BOX: 21077 (Continued) **1017771821**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-04-03 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-04-03 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063799322

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

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

AD321 **MOTOR TECH** **NY UST** **1001029188**
NW **147-23 ARCHER AVE** **RCRA NonGen / NLR** **NYU005000146**
1/8-1/4 **JAMAICA, NY 11436** **FINDS**
0.171 mi. **ECHO**
903 ft. **Site 9 of 14 in cluster AD**

Relative: Higher
Actual: 49 ft.

UST:
Name: JOEY TAI'S BUSINESS SERVICES INC
Address: 147-23 ARCHER AVENUE
City,State,Zip: JAMAICA, NY 11435

MOTOR TECH (Continued) **1001029188**

Id/Status:	2-188131 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	600793.31236
UTM Y:	4506229.38682
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	5675
Affiliation Type:	Facility Owner
Company Name:	K.J.L. PROPERTY MANAGEMENT CORPORATION
Contact Type:	PRES
Contact Name:	PETER KULKA
Address1:	147-17 JAMAICA AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 297-1049
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-08-11

Site Id:	5675
Affiliation Type:	Mail Contact
Company Name:	K.J.L. PROPERTY MANAGEMENT CORPORATION
Contact Type:	Not reported
Contact Name:	DANIEL KULKA
Address1:	147-17 JAMAICA AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 297-1049
EMail:	KJL.PROPERTIES@VERIZON.NET
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-08-11

Site Id:	5675
Affiliation Type:	Facility Operator
Company Name:	JOEY TAIS BUSINESS SERVICES INC
Contact Type:	Not reported
Contact Name:	JOE CHOU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 298-9898
EMail:	Not reported
Fax Number:	Not reported

MOTOR TECH (Continued) **1001029188**

Modified By:	EXROSSAN
Date Last Modified:	2005-03-08

Site Id:	5675
Affiliation Type:	Emergency Contact
Company Name:	K.J.L. PROPERTY MANAGEMENT CORPORATION
Contact Type:	Not reported
Contact Name:	JOE CHOU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 463-9229
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-03-08

Tank Info:

Tank Number:	001
Tank ID:	5768
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1080
Install Date:	01/01/1982
Date Tank Closed:	08/15/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

MOTOR TECH (Continued) **1001029188**

Tank Number:	002
Tank ID:	5769
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1080
Install Date:	01/01/1982
Date Tank Closed:	08/15/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	MOTOR TECH
Facility address:	147-23 ARCHER AVE JAMAICA, NY 11436
EPA ID:	NYU005000146
Mailing address:	ATLANTIC AVE LOU HAL PROPERTIES BALDWIN, NY 11510
Contact:	JONATHAN HALPERIN
Contact address:	ATLANTIC AVE LOU HAL PROPERTIES BALDWIN, NY 11510
Contact country:	US
Contact telephone:	516-546-8414
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	UNKNOWN
Owner/operator address:	NOT REQUIRED

MOTOR TECH (Continued) **1001029188**

NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 516-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 516-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: MOTOR TECH
Classification: Not a generator, verified

Date form received by agency: 1995-06-08 00:00:00.0
Site name: MOTOR TECH
Classification: Unverified

Hazardous Waste Summary:

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

MOTOR TECH (Continued) **1001029188**

Evaluation Action Summary:
Evaluation date: 1995-06-12 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110022443818

Environmental Interest/Information System
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110004568281

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

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

ECHO:
Envid: 1001029188
Registry ID: 110004568281
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004568281

AG322 **HONEYWELL FARMS,INC.** **NY CBS AST** **S102638235**
ESE **155-25 STYLER ROAD** **N/A**
1/8-1/4 **JAMICA, NY 11433**
0.171 mi.
903 ft. **Site 4 of 5 in cluster AG**

Relative: CBS AST:
Lower

Actual:
30 ft.

CBS Number:	2-000057
ICS Number:	2-188111
PBS Number:	2-268445
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	D
Telephone:	(718) 526-3442
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	06/14/2003
Total Capacity of All Active Tanks(gal):	3000
Operator:	HONEYWELL FARMS,INC.
Emergency Contact:	ROBERT GIURCO
Emergency Phone:	(718) 526-3442
Owner Name:	HONEYWELL FARMS,INC.
Owner Address:	154-21 SOUTH RD.
Owner City,St,Zip:	JAMICA, NY 11433
Owner Telephone:	(718) 526-3442
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	HONEYWELL FARMS,INC.
Mail Contact Addr:	154-21 SOUTH RD.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	ROBERT GIURCO
Mail Contact City,St,Zip:	JAMICA, NY 11433
Mail Phone:	(718) 526-3442
Tank Id:	004
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	08/78
Tank Closed:	Not reported
Capacity (Gal):	3000
Chemical:	Sodium hydroxide
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	None
Tank Error Status:	No Missing Data
Date Entered:	06/14/1989
Certified Date:	04/04/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None

HONEYWELL FARMS,INC. (Continued) **S102638235**

Leak Detection:	None
Overfill Protection:	Product Level Gauge
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6301
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	03/01/93
Is It There:	False
Delinquent:	False
Date Expired:	06/14/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/12/2001

AI323 **CON EDISON** **RCRA NonGen / NLR** **1019902628**
WNW **93-10 SUTPHIN BLVD** **NYP004776001**
1/8-1/4 **JAMAICA, NY 11435**
0.172 mi.
908 ft. **Site 1 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-04-29 00:00:00.0
Facility name:	CON EDISON
Facility address:	93-10 SUTPHIN BLVD JAMAICA, NY 11435
EPA ID:	NYP004776001
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

CON EDISON (Continued) **1019902628**

Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-04-29 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AI324 **CON EDISON** **NJ MANIFEST** **S120671186**
WNW **93-10 SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.172 mi.
908 ft. **Site 2 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

NJ MANIFEST:
EPA Id: NYP004776001
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY081
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002624161GBF
EPA ID: NYP004776001
Date Shipped: 4/29/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported

CON EDISON (Continued) **S120671186**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AI325 **CON EDISON** **NY MANIFEST** **S119074915**
WNW **93-10 SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.172 mi.
908 ft. **Site 3 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	93-10 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004776001
Facility Status:	Not reported
Location Address 1:	ES SUTPHIN BLVD 110’ S/O ARCHER
Code:	BP
Location Address 2:	VS 9450
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004776001
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015

CON EDISON (Continued) **S119074915**

Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/29/2015
Trans1 Recv Date:	04/29/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/05/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004776001
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002624161GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	800
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AI326 **LIRR - JAMAICA STATION** **NY TANKS** **U001841404**
WNW **93-02 SUTPHIN BOULEVARD** **NY Spills** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.173 mi.
916 ft. **Site 4 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

TANKS:

Name:	LIRR - JAMAICA STATION
Address:	93-02 SUTPHIN BOULEVARD
City,State,Zip:	JAMAICA, NY 11435
Facility Id:	2-600338
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	09/12/2021
UTM X:	600722.70156
UTM Y:	4506189.79052

SPILLS:

Name:	LIRR JAMAICA STATION
Address:	93-02 SUTPHIN BOULEVARD
City,State,Zip:	JAMAICA, NY 11435
Spill Number/Closed Date:	0650386 / 2015-08-13
Facility ID:	0650386
Facility Type:	ER
DER Facility ID:	315584
Site ID:	365446
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	1994-06-01
Investigator:	RVKETANI
Referred To:	080315 REVWD 2ND QRTR 2015 REPORT
Reported to Dept:	2006-06-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-14
Spill Record Last Update:	2015-08-17
Spiller Name:	LEW WUNDERLICH
Spiller Company:	LIRR
Spiller Address:	93-59 183RD STREET
Spiller Company:	001
Contact Name:	LEW WUNDERLICH
DEC Memo:	"11/12/10 - spill re-assigned from Tibbe to Joe O'Connell 07/18/2011 - The spill was reassigned from Joe O'Connell to Linda Ross 3/12/12 - Raphael Ketani. The case was reassigned to me during February 2012. I received the February 1, 2012 Quarterly Progress Report. In the report, it is stated that there are two 20,000 gal. USTs with #2 oil under the president's parking lot. The two tanks were abandoned in

LIRR - JAMAICA STATION (Continued) **U001841404**

place during 1997 with cement slurry. Groundwater is about 23 feet bgs, except for MW-4 where it is 43 feet bgs. Groundwater flow is to the southwest. The site itself is 50 feet above sea level. A draft work plan was submitted to the DEC on 5/20/10. It was updated and resubmitted. Field work for the Supplemental Investigation is scheduled for 3/19/12. There presently are 6 wells on site: 1A, 2, 4, and 6 to 8. They were sampled on 11/15/11. The analytical results are almost entirely non-detect. The PBS registration is #2-600338. Six UST tanks are listed. Tanks #1 and #2 are the 20,000 gal. USTs in question. However, listed is a closed in place 550 gal. diesel tank, a closed and removed 1500 gal. diesel tank, and in service tanks #3 and #4 (1100 gal. and 1500 gal.) containing diesel. 3/16/12 - Raphael Ketani. A conference call took place between Gloria Russo and Al Albano (347) 494-6020 of the LIRR and myself. The site was discussed. Mr. Albano stated that the two USTs below the president's parking lot were closed and filled with concrete slurry back in the 1990s. The field work that was supposed to take place in March 2012 was postponed. A building is present on site which is having its roof refurbished and the construction crew is using the parking lot as a staging area. The roof contains asbestos. So the refurbishment work will take about 3 weeks. Then, in April 2012, the investigative work will start. I told Ms. Russo and Mr. Albano that this was fine. 4/5/12 - Raphael Ketani. Al Albano of the LIRR sent me an e-mail informing DEC that the field work will be taking place on 4/11 through 4/13. 5/1/12 - Raphael Ketani. I reviewed the May 2012 Quarterly Progress Report. A supplemental investigation took place during April 2012 in order to more fully delineate the contamination. Groundwater elevation is about 20 feet above sea level. Depth to water in the wells is generally 23 feet, with one exception of 42 feet. Groundwater flow is to the southwest. Wells MW-1A, 2, 4, 6 to 8 were sampled this quarter. The results were all non-detect. An investigation report will be submitted during June 2012. 6/12/12 - Raphael Ketani. I tried to contact Mr. Albano (347) 494-6020 regarding whether either MW-4 or MW-7 were directly downgradient of the two 20,000 gal. USTs, but I could only leave a message. 6/13/12 - Raphael Ketani. Mr. Albano sent me the following e-mail in response to my e-mail: As depicted on the map, the tank locations (shown in gray dash pattern) are estimated. As part of our recent Remedial Investigation, D&B utilized Ground Penetrating Radar to determine the exact location of the USTs. As part of the Data Summary Package, a revised map will be included that will provide the information you are looking for. That said, please keep in mind the site constraints that have impacted our ability to install wells/borings in various locations throughout the site. In the area around MW-04 and MW-07 specifically, there is a 15 high retaining wall. Above the retaining wall there is an above-ground emergency generator, a fence, uneven ground, etc. Below the retaining wall, there is a trash compactor that sits at the site 24/7. Once the Data Support Package is complete and we ve had a chance to look at the updated map and the analytical data from the recent sampling effort, we can then determine if the well locations are satisfactory and whether or not there is any real need for additional investigatory work. 8/14/12 - Raphael Ketani. I reviewed the August 1, 2012 Progress Report. Wells MW-1A, 2, 4 and 7 were sampled on 5/29/12. The results were all non-detect, except for a very small number of very low VOC and SVOC hits. I approved the report without comment. 9/10/12 - Raphael Ketani. I received the Dvirka and Bartilucci August 2012 Data Summary Report. I began my

LIRR - JAMAICA STATION (Continued) **U001841404**

review. 9/13/12 - Raphael Ketani. I finished my review of the Data Summary Report. Historically, the groundwater was as much as 25 feet lower. Starting from the early nineteen nineties to the late two thousands, the groundwater level rose 5 feet. The change in groundwater level created a very wide smear zone. However, no free NAPL was found in the wells. VOC exceedences of the Unrestricted Standards were found in the soil samples from SB-02 (20-23 feet), SB-03 (20-22.5 feet), SB-03 (25-27 feet) and SB-05 (2-5 feet). From the 4/11-13/12 data, SB-02 had naphthalene at 32 ppm (12 ppm limit) as the only exceedence. SB-03 (20-22.5) had only 13 ppm of cymene (10 ppm limit). SB-03 (25-27) had 15 ppm of cymene, 9.5 ppm 1,2,4-trimethylbenzene (3.5 ppm limit), 18 ppm naphthalene, and 0.46 ppm total xylenes (0.26 ppm limit). SB-05 had 0.33 ppm benzene (0.06 ppm limit), 1.2 ppm ethylbenzene (1 ppm limit) and 2.88 ppm total xylenes. SVOCs were either non-detect or didn't exceed their respective limits. From the 4/19/12 data, groundwater probe location GP-02 had 5 low VOC exceedences, moderate exceedences for 2 SVOCs and 2 high SVOC exceedences. Wells JMW-1A and JMW-2A, MW-4 and MW-6 to MW-8 were almost entirely non-detect for VOCs and SVOCs. The LIRR stated that they will install SB-06, SB-07 and MW-09 to MW-11 only if the information that would be gained from these locations would be critical for characterizing and remediating the spill. The additional data is not necessary for formulating recommendations regarding remediation in the Remedial Investigation Report. This is partly because these locations are only minimally downgradient from the established boring and well locations. They recommend developing the RI Report. Given that the nature and extant of the contamination has been characterized, the RI Report would include remediation alternatives. In their RI/AA (alternative analysis) report, they will compare all of the obtained data to commercial and industrial standards, rather than unrestricted standards. This is because a cleanup to CP-51 standards would not be feasible, given the use of the site and the surrounding area. After having finished my review, I determined that the LIRR hadn't fully delineated the extent of the soil and groundwater contamination. Therefore, I will request that they install 2 wells downgradient to MW-7. MW-11 can be to the west of the hut. Another well (maybe MW-13) should be of due west of MW-7. MW-9 should be a little further north of the proposed location. SB-07 should be at the MW-5+ location, but as well MW-12. MW-10 should be a little further north of the proposed location. SB-06 would not be necessary. However, the LIRR needs to put wells even further downgradient from the site. I drafted a letter for the review of Hassan Hussein, supervisor of Unit C. In the letter, I stated that we accepted the data, but further soil and groundwater contamination delineation was necessary. Therefore, wells MW-9 to MW-13 must be installed and that additional wells were needed downgradient of MW-7 and downgradient on the other side of the LIRR tracks. I stated that all results must be compared to CP-51 guidance standards as this is an oil spill. Lastly, I asked for a work plan for the additional work and that it be submitted by November 2, 2012. 9/20/12 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today. 9/27/12 - Raphael Ketani. The September 2012 LIRR monthly project status meeting took place today. Mr. Albano stated that installing new wells at the locations indicated in the DEC 9/20/12 letter was not possible. He added that these areas were either at a 45 degree slope, or were in tight locations right next to the tracks or electrical utilities, or were over 1,000 feet away from the site and

LIRR - JAMAICA STATION (Continued) **U001841404**

would not make sense to install. Mr. Albano asked that the DEC come over to the site to look the situation over and that, possibly, other locations can be selected. I agreed with Albano and a site visit was set for October 18. 10/18/12 - Raphael Ketani. The site visit took place as planned. In attendance were Ms. Russo and Tom Fox and Anthony Caniano from Dvirka & Bartilucci. I took 9 pictures. The President's Parking Lot is a small area, maybe 75 feet by 30 feet. The adjacent area to the west is a landscaped slope of about 45 degrees, maybe a little more. Beyond the sloped area is a filled area that is held up by a retaining wall. I saw wells 1A, 2A and 6 to 8 were in the parking lot. Next, we climbed the stairs to the track level. I saw well MW-4 next to the generator housing. Then we walked west past the storage container (hut). The area next to the tracks was flat and had enough room to put more wells. We agreed on the installation of MW-11 somewhere on the west side of the storage container and MW-9 on the east side. MW-10 will be installed on the east side of the generator room. After this, the meeting ended. 10/30/12 - Raphael Ketani. I reviewed the November 1, 2012 Progress Report. The wells were gauged on 8/28/12 and on 9/13/12. The depth to groundwater was from 22.41 to 25.21 feet bgs, with the exception of one measurement down to 46.13 feet bgs. Wells MW-1A, 2, 4, and 6 to 8 were sampled on 8/28/12. The results were all non-detect for VOCs and SVOCs. I approved the report without comment. 11/8/12 - Raphael Ketani. Today I received the Remedial Investigation letter/work plan dated November 8, 2012 from the LIRR. The plan involved installing new wells MW-9 to MW-11 along the flat area at the top of the slope which is adjacent to the northmost track line. The letter mentioned installing the wells, taking 3 soil samples from each boring, developing the wells for 2 hours and then sampling using low flow techniques. I found the letter to be acceptable, but there was no mention of the date of development, nor the date of sampling. I drafted an approval letter for the review of Mr. Hussein. In the letter, I stated that well development should not take place sooner than 48 hours after well construction in order to allow time for the grout to set. I also stated that once the wells have been developed, then they should wait one month or until the next quarterly sampling date (which ever is later) to sample the new wells. Mr. Hussein approved the letter and it was sent out today. 1/23/13 - Raphael Ketani. Mr. Albano sent me an e-mail stating that the boring/well installation work will start on February 3 and is expected to take 6 days. 1/28/13 - Raphael Ketani. Mr. Albano sent me the following e-mail: LIRR s Power Department performed their markout of our work area. Due to the fact that two electric lines run within about 3 feet of each other, right where MW-11 is proposed, we will need to strike it from the program. Moving the well from the proposed location is not possible. The electric lines run parallel with the tracks in that location. In addition, there is a chain link fence in the way. Plus there is inherent limitations with moving the rig north or south, since it is a high-rail vehicle. The other two well locations look doable. 2/5/13 - Raphael Ketani. Mr. Albano sent me an e-mail that they are having trouble with train traffic on the tracks that the high rail drilling machine needs to sit on. This limited their work to 3 hours during one day. Mr. Albano proposed doing sampling every five feet through the overburden/fill and down to total depth for each of the borings in order to save time. I proposed just drilling through the overburden and starting continuous sampling from street level to total depth. Mr. Albano agreed to my suggestion. 2/12/13 -

LIRR - JAMAICA STATION (Continued) **U001841404**

Raphael Ketani. The Fourth Quarter 2012 Progress Report dated 2/1/13 was reviewed. Wells MW-1, 2, 4 and 7 were sampled. Wells MW-6 and 8 were not available. Gauging data was presented for measuring events from 10/25/12 to 1/16/13. There was no product. MW-4 had 2 groundwater VOC hits below TOGS. MW-7 had 4 groundwater VOC hits that were from just below to just above TOGS. The results for MW-1 and MW-2 were entirely non-detect. 2/14/13 - Raphael Ketani. The February 2013 monthly progress meeting took place for the 8 LIRR sites that I monitor. Mr. Albano explained that the only progress which has been made at the Jamaica Station site is drilling through the fill material at one of the new well locations. He added that there have been serious logistical problems performing the work as the various bureaucratic offices of the LIRR have not been coordinated and so train traffic has been allowed on the tracks next to the drill site. This requires Mr. Albano to move the drilling rig off of the site, preventing continuation of the work. Also, the third rail power was not being shut off as requested. This was a dangerous situation and, again, prevented the work from progressing. Mr. Albano will bring his crew out this weekend (February 16 and 17) and try to do all of the work during these two days. 3/1/13 - Raphael Ketani. Mr. Albano (347) 494-6020 sent me an e-mail. He wrote that there had been problems getting the well drilling work done. There was a lack of coordination between the electrical group, who are responsible for turning off the electricity, and the traffic group, who are responsible for rerouting the trains. An internal meeting took place at the LIRR in order to find out what the problem is and to straighten out the matter. The drilling will tentatively resume during 3 weekends in April 2013. 4/30/13 - Raphael Ketani. I reviewed the May 1, 2013 Progress Report. The LIRR will reattempt to install the wells requested by the DEC. The work will start during July 2013. Groundwater was sampled during 2/13/13 from MW-1, MW-2, MW-4 and MW-7. All of the VOC and SVOC results were non-detect. 8/1/13 - Raphael Ketani. I reviewed the July 2013 Progress Report. The report was mostly a recounting of the past events since April 2013. The three wells that were going to be installed during April could not be done due to logistical issues within the LIRR. The well installations were rescheduled for late June and early July. However, the operations staff at the LIRR told Mr. Albano that the track which would be shut down for the drilling work was needed for the summer holiday traffic. Therefore, they told him, the work could not take place. Mr. Albano then rescheduled the work for sometime in September 2013. Wells MW-2A to 9 were gauged on 5/2/13. Wells MW-1,2,4 and 6 to 8 were gauged on 6/20/13. Wells MW-1, 2, 4 and 6 to 8 were gauged on 7/11/13. Groundwater flow was determined to be to the southwest as during previous months. Groundwater samples were collected on 5/2/13 from wells MW-1, 2, 4 and 7. The results were completely non-detect. 10/29/13 - Raphael Ketani. I reviewed the November 2013 Progress Report dated 11/1/13. The report included a retelling of past activities and agreements. The General Engineering Contract was awarded on 10/17/13. A new scope of work is needed and the process will take from 6 to 8 weeks. Therefore, the installation of the DEC requested wells will probably take place during January 2014. The Supplemental Investigation Report will be completed during February 2014. Groundwater flow is due southwest. Groundwater was sampled from wells MW-1, MW-2, MW-4 and MW-7 on 8/2/13. All of the results were non-detect. 10/31/13 - Raphael Ketani. Ms. Russo (347) 494-6034 sent me the Revised November 2013 Progress Report. The only change was that she added the water

LIRR - JAMAICA STATION (Continued) **U001841404**

level measurements at the end of the report. 1/31/14 - Raphael Ketani. I reviewed the December 2013 Progress Report dated 2/1/14. Groundwater flow continued to be to the southwest. Six wells were sampled on 11/21/13. These were MW-1, MW-2, MW-4, MW-6, MW-7 and MW-8. All of the VOC and SVOC results were completely non-detect. 4/29/14 - Raphael Ketani. I reviewed the First Quarter 2014 Progress Report dated 5/1/14. The LIRR expects to install 3 groundwater wells during September 2014. The Supplemental Investigation Report will be submitted during October 2014. The new GEC (General Environmental Contractor) contract was awarded on 10/17/13. The results for the groundwater samples from MW-1, MW-2, MW-4, MW-7 and MW-8 were all non-detect for VOCs and the SVOCs. The sample from MW-6 was almost completely non-detect for VOCs, except one very low VOC hit. However, all of the SVOC results were non-detect. 8/1/14 - Raphael Ketani. I reviewed the Second Quarter 2014 Progress Report dated 8/1/14. The report contained the following information: The LIRR was not able to install the three contingency soil borings/monitoring wells in the elevated track area to the south of the site in January 2014 due to the fact that its General Engineering Consultant (GEC) contract expired on August 31, 2013. A new GEC contract was awarded on October 17, 2013. A Notice of Award was issued to the GEC in May 2014. A Remedial Investigation Work Plan will be submitted to the NYSDEC for approval in August 2014. No drilling can be performed between May 19, 2014 and Labor Day. As such, the expected date of the installation of these monitoring wells is September 2014. Once this work is complete, and all analytical data is obtained, the Supplemental Investigation Report will be finalized and submitted to the NYSDEC. It is anticipated that this report will be completed by November 2014. Wells MW-1, 2, 4, and 6 to 8 were sampled on 6/18/14. Groundwater flow was to the southwest. All of the samples from the wells were completely non-detect for VOCs and SVOCs. 9/9/14 - Raphael Ketani. I reviewed the Additional Remedial Investigation Letter Work Plan dated 9/3/14 and submitted by the LIRR. The LIRR will install wells MW-9 to MW-11 next to the northernmost track. Soil sampling will start at the street level - as previously agreed upon. Well development will take place prior to groundwater sampling. The round of groundwater sampling which will follow the new well installations will include samples from MW-9 to MW-11. I found the work plan to be acceptable. 9/19/14 - Raphael Ketani. I receieved an email from Ms. Russo regarding the plan to install only two additional groundwater monitoring wells at the site. This email was a recap of discussions which had taken place on 9/18/14 during the September 2014 Monthly Site Status Meeting between staff from the LIRR and the DEC. Well MW-9 would not be installed this year due to the construction which needs to take place in Yard D (the 6 active rail lines). A new platform will be constructed for trains heading to Brooklyn. This will require taking 2 lines out of service and leaving 4 lines in service. Such an action will leave very limited space to store the trains. Due to the limited space , Ms. Russo could only get permission to take the northernmost line (where the wells would be installed) out of service during only two weekends, September 27 and 28 and October 4 and 5. Well MW-9 could not be installed because of the time constraint. I sent a response email approving the installation of the two wells right now and waiting on installing the third well. 11/4/14 - Raphael Ketani. I reviewed the Third Quarter 2014 Progress Report dated 11/1/14. Wells MW-10 and MW-11 were installed during September and October 2014. The installation of well

LIRR - JAMAICA STATION (Continued) **U001841404**

MW-9 is being held in abeyance pending the need for additional groundwater coverage and a request by the DEC. Well MW-10 is upgradient and sidegradient to the groundwater flow and is near the LIRR building. Well MW-11 is directly downgradient to the groundwater flow and is the most distant well to the USTs. A Supplemental Investigation Report will be submitted during January 2015. Wells MW-1, 2, 4, and 6 to 8 were sampled on 8/27/14. All of the VOC and SVOC results were non-detect. 2/3/15 - Raphael Ketani. I reviewed the Jamaica Station Fourth Quarter 2014 Report dated 2/1/15. The only items to not were that the LIRR general engineering contractor cannot access the wells until the company has completed the security clearance. This is expected to be completed during February 2015. After this, the contractor will survey the wells and the water table and sample the groundwater. The data for the February round will be submitted to the DEC in a Remediation Investigation Report during April 2015. Wells JMW-1A, 2A, 4 and 6 to 8 were last sampled on 11/20/14. All of the VOC and SVOC results for all of the samples were completely non-detect. 5/5/15 - Raphael Ketani. I reviewed the Jamaica Station First Quarter 2015 Report dated 5/1/15. Wells JMW-1A, 2A, 4, and 6 to 8 were sampled on 2/17/15. There were a small number of very low VOC hits. Otherwise, the samples were all essentially non-detect. There were some very low SVOC exceedences of the benzo series of analytes and their associated combustion products. Otherwise, the samples were mostly non-detect. Wells MW-10 and MW-11 were not sampled during the February round as the contractor needed to be screened in accordance with the new LIRR security standards. It is expected that they will be approved and groundwater sampling of the new wells will take place during May 2015 with a report to be submitted during June 2015. The boring logs for MW-10 and MW-11 indicated the presence of gravelly sand high in each boring followed by primarily brownish medium sand below. MW-10 had gray to black sand from 60 to 72 feet below grade with strong petroleum odors. The samples were moist from 41 to 46 feet bgs and wet from 47 to 82 feet bgs. MW-11 had gray to black sand from 55 to 62 feet below grade with strong petroleum odors. The samples were moist from 40 to 42 feet bgs and wet from 45 to 77 feet bgs. 8/3/15 - Raphael Ketani. I reviewed the Jamaica Station Second Quarter 2015 Report dated 8/1/15. Groundwater samples were collected from wells MW-1A, 2A, 4 and 6 to 8 on 5/12/15. All of the VOC results were either entirely non-detect or almost entirely non-detect. Most of the SVOC results consisted of the benzo series of analytes and chrysene and reflected the presence of historical fill. 8/12/15 Raphael Ketani. I reviewed the Remedial Investigation Report dated July 2015 and submitted by Dvirka and Bartilucci on behalf of the LIRR. New wells MW-10 and MW-11 were installed on 5/5/15. Groundwater elevations were measured on 6/23/15. The elevations varied from 18.97 feet at MW-6 and MW-8 at the east end of the parking lot to 18.86 feet at MW-4 in the elevated area next to the tracks. Groundwater flow was determined to be to the southwest. The depth to groundwater at Archer Avenue (on the north side of the parking lot) was about 23 feet below grade. This is about 15 to 20 feet above mean sea level. Recently, there has been a rapid rise in the water table due to the cessation of pumping of the Jamaica Water Supply District. The change in water table elevation may have created a large smear zone. NAPL was never seen in any of the wells. Soil samples taken during 2012 show that the oil contamination starts at least 12 feet below the current water table. The LIRR stated that additional investigation or remediation is not

LIRR - JAMAICA STATION (Continued) **U001841404**

warranted as: 1)The USTs under the parking lot were closed in 1997 and the contaminated soil was excavated. 2)The spill has been delineated. 3)There are a limited number of soil and groundwater samples which show contamination above the CP-51 unrestricted residential soil standards and above the TOGS 1.1.1 standards. 4)Exposure to the public and on site workers is limited by the depth of the contamination asphalt covers the site and the contamination is not migrating. The LIRR requested that the spill case be closed. However, Dvirka and Bartilucci recommended taking additional groundwater samples through 2015. Three geologic cross sections were constructed for the site. Cross section A-A runs north of the parking lot and parallels Archer Avenue. It starts at JS-03 (west) and ends at MW-6 (east). Staining, petroleum odors and elevated PID readings were found in the top 20 feet of soil at JS-03 and in the top 15 feet of soil at JMW-1A. At location SB-01/GP-01, 7 feet of the stains, odors and PID readings were found 5 feet above the old water table horizon and 3 feet of NAPL saturated soil was found just above the old water table. At JS-02, stains, odors and PID readings were found in the lower 30 feet of the soil column. Cross section B-B runs along the south end of the parking lot and through the twin 20,000 gallon UST tank vault at SB-03/JS-01. It starts at SB-05 and ends at JS-04. Staining, petroleum odors and PID readings were present in the top 5 feet of SB-05 and in a 20 foot long section in the middle of the same boring which intersects the new water table. There was also another stained section of soil 6 feet above the old water table horizon. SB-02/GP-02 had 18 feet of stained soil with odors in its top part and a 21 foot NAPL contaminated zone which was situated above the old water table horizon. SB-03 had 20 feet of stained soil with odors in the top of the boring, 10 feet of NAPL bearing soil below the stained zone and a 10 foot stained zone below the NAPL zone. The top 27 feet of JS-01 had stained soil with odors and an 8 foot zone of NAPL bearing soil below it. SB-04 had 10 feet of stained soil towards the bottom of the boring. Cross section C-C runs diagonally through the site from northeast to southwest. The cross section starts at MW-6 and ends at SB-06/MW-10. JS-02 had stained soil with odors and PID readings upgradient of the tanks. SB-02/GP-02 had 2 zones of staining and odors and 2 zones of NAPL saturation for a total of 18 feet of saturation. MW-4 had 2 feet of NAPL saturarted soil just above the old water table horizon. SB-06/MW-10, which is downgradient of the 20,000 gallon USTs, had 11 feet of stained and odor bearing soil at the level of the old water table. The boring logs for SB-01 to SB-03 were compared to the cross sections. The zones of NAPL saturation matched. SB-05 (downgradient to the vault) had stains and odors at the following intervals: 0 -5 ; 5 -10 ; 25 -30 ; and 30 -33 . SB-04 (to the east and upgradient) had odors at the 35 top 45 interval. SB-06 (downgradient to the vault and in the rail bed) had soil with light to strong odors from 55 to 77 . SB-07 (far sidegradient and in the rail bed) had soil with odors from 55 to 62 . Analytical results: Soil samples taken 4/11/12 to 4/13/12, 9/27/14 and 10/4/14: VOCs compared to CP-51 unrestricted residential soil standards: SB-01, SB-04, SB-06 almost entirely non-detect for VOCs with several very low hits SB-07 mostly non-detect with 6 very low hits in the 60 -62 sample (strong oil odors) SB-02 20 to 23 sample with 4 VOC non-detects, 7 very low hits, 3 very low to low exceedences to 32 ppm (benzene was non-detect); 32 to 34 sample with 8 very low hits and 6 non-detects SB-03 20 to 22.5 sample with 8 non-detects, 5 very low to low hits and 13 ppm of cymene; 25 to 27 sample (NAPL saturation) with

LIRR - JAMAICA STATION (Continued) **U001841404**

4 non-detects, 6 very low to low hits, 4 very low to low exceedences to 18 ppm; 53 to 55 almost entirely non-detect SB-05 2 to 5 sample (black stains and oil odors) with 5 non-detects, 6 very low to low hits, 3 very low to low exceedences to 2.88 ppm (benzene was 0.33 ppm); other 2 samples had either very low hits or non-detects SVOC results: almost entirely non-detect for all of the samples. For the historical borings, the results for the JS series were almost entirely non-detect for VOCs with some very low hits. JS-02 at 18 -20 (upgradient) had 0.91 ppm of total xylenes and 26 ppb of naphthalene. MW-7 (just downgradient) and MW-8 (far sidegradient and upgradient to the east) were almost entirely non-detect. The SVOC results had very low hits or were non-detect. The PCB results for JS-01 were entirely non-detect. Analytical results: Groundwater samples taken from JMW-1A, JMW-2A, and MW-4, 6, 7, and 8 on 5/5/15 and 5/12/15: VOC results compared to TOGS 1.1.1 standards: The results for all of the above groundwater samples were entirely non-detect or almost entirely non-detect with some very low hits. The results for the samples taken on only 5/5/15 from MW-10 and MW-11 were mostly non-detect and entirely non-detect, respectively. The SVOC results were almost entirely non-detect for all of the samples, except for some low exceedences for samples taken on 5/12/15 from JMW-1A, JMW-2A, MW-6, MW-7 and MW-8. Metals samples taken on 5/6/94 from JMW-1A to JMW-3A had exceedences for chromium, copper, lead and nickel. 8/13/15 - Raphael Ketani. Staff at the Department reviewed the data in the case file for the spill case. Based upon: 1) the non-detect to very low analytical results for the soil samples taken during 2012, and previously - thereby meeting the CP-51 unrestricted residential soil standards; 2) the non-detect to very low groundwater results from the samples taken during May 2015 - thereby meeting the TOGS 1.1.1 standards; 3) the cleaning out of the tanks and their abandoning in place and the excavation of the contaminated soil next to the tanks - thereby eliminating the source of the spill; it was determined that any residual contamination would not be a threat to the public nor the environment. Therefore, the spill case was closed effective today."

Remarks: "Pre-closure assessment identified soil and groundwater contamination. Could not find a spill in the database, so this one was opened."

All Materials:

Site ID:	365446
Operable Unit ID:	1123464
Operable Unit:	01
Material ID:	2112921
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	-1.00
Oxygenate:	False

AI327 **LIRR JAMAICA STATION** **RCRA-LQG** **1005417373**
WNW **9302 SUTPHIN BOULEVARD** **NJ MANIFEST** **NYR000104992**
1/8-1/4 **JAMAICA, NY 11435** **NY MANIFEST**
0.173 mi.
916 ft. **Site 5 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

RCRA-LQG:

Date form received by agency:	2014-02-14 00:00:00.0
Facility name:	LIRR JAMAICA STATION
Facility address:	9302 SUTPHIN BOULEVARD JAMAICA, NY 11435
EPA ID:	NYR000104992
Mailing address:	94TH AVENUE MC 1944 JAMAICA, NY 11435
Contact:	KATHLEEN A GREEN
Contact address:	94TH AVENUE MC 1944 JAMAICA, NY 11435
Contact country:	US
Contact telephone:	347-494-6927
Contact email:	KGREEN@LIRR.ORG
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	MTA LONG ISLAND RAIL ROAD
Owner/operator address:	93-02 SUTPHIN BLVD JAMAICA, NY 11435
Owner/operator country:	Not reported
Owner/operator telephone:	718-558-7400
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MTA LONG ISLAND RAIL ROAD
Owner/operator address:	SUTPHIN BOULEVARD JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-558-8228
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	State

LIRR JAMAICA STATION (Continued) **1005417373**

Owner/Operator Type: Owner
Owner/Op start date: 1900-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA-LIRR
Owner/operator address: SUTPHIN BLVD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 1836-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA LONG ISLAND RAIL ROAD
Owner/operator address: SUTPHIN BOULEVARD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 1900-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA-LIRR
Owner/operator address: SUTPHIN BLVD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 1836-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

LIRR JAMAICA STATION (Continued) **1005417373**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-01-01 00:00:00.0
Site name: LIRR JAMAICA STATION (AIR TRAIN)
Classification: Small Quantity Generator

Date form received by agency: 2006-02-24 00:00:00.0
Site name: LIRR JAMAICA STATION (AIR TRAIN)
Classification: Large Quantity Generator

Date form received by agency: 2006-02-23 00:00:00.0
Site name: LIRR JAMAICA STATION (AIR TRAIN)
Classification: Small Quantity Generator

Date form received by agency: 2004-04-07 00:00:00.0
Site name: LIRR-JAMAICA STATION
Classification: Large Quantity Generator

Date form received by agency: 2002-03-28 00:00:00.0
Site name: LIRR JAMAICA STATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

NJ MANIFEST:
EPA Id: NYR000104992
Mail Address: 93-59 103RD STREET
Mail City/State/Zip: HOLLIS 11423
Facility Phone: 7185583615
Emergency Phone: Not reported
Contact: GUENA MISLTER
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

LIRR JAMAICA STATION (Continued) **1005417373**

Manifest:

Manifest Number:	NJA5286931
EPA ID:	NYR000104992
Date Shipped:	01/31/2006
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/31/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/07/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03230621
Was Load Rejected:	HOLLIS 11423
Reason Load Was Rejected:	Not reported

Manifest Number:	010407162JJK
EPA ID:	NYR000104992
Date Shipped:	6/13/2013
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported

LIRR JAMAICA STATION (Continued) **1005417373**

Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	HOLLIS 11423
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	Not reported
Quantity:	100.00 Pounds

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	Not reported
Quantity:	117.00 Pounds

Manifest Number:	NJA5286905
EPA ID:	NYR000104992
Date Shipped:	01/12/2006
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/12/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

LIRR JAMAICA STATION (Continued) **1005417373**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/12/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02280621
Was Load Rejected:	HOLLIS 11423
Reason Load Was Rejected:	Not reported

Manifest Number:	000961963GBF
EPA ID:	NYR000104992
Date Shipped:	08/20/2009
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/20/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/20/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported

LIRR JAMAICA STATION (Continued) **1005417373**

Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: HOLLIS 11423
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H061
Quantity: 55 G

NY MANIFEST:
Name: LONG ISLAND RAILROAD HILLSIDE FAC
Address: SUTPHIN BLVD
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYR000104992
Facility Status: Not reported
Location Address 1: 9302 SUTPHIN BOULEVARD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000104992
Mailing Name: LONG ISLAND RAILROAD HILLSIDE FAC
Mailing Contact: LOU WNDERLIC
Mailing Address 1: 93-59 183RD ST
Mailing Address 2: Not reported
Mailing City: HOLLIS
Mailing State: NY
Mailing Zip: 11423
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185583026

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NYR000134957
Trans2 State ID: PAD982661381
Generator Ship Date: 07/11/2013
Trans1 Recv Date: 07/11/2013
Trans2 Recv Date: 07/12/2013
TSD Site Recv Date: 07/19/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000104992

LIRR JAMAICA STATION (Continued) **1005417373**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	009181817JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AB328 **92-18 149TH ST.** **NY UST** **U003652092**
NNW **92-18 149TH ST.** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.174 mi.
917 ft. **Site 5 of 5 in cluster AB**

Relative: UST:
Higher

Actual:
49 ft.

Name:	92-18 149TH ST.
Address:	92-18 149TH ST.
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-604057 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	600910.71507
UTM Y:	4506326.35516
Site Type:	Other

92-18 149TH ST. (Continued) **U003652092**

Affiliation Records:

Site Id:	25943
Affiliation Type:	Facility Owner
Company Name:	92-18 149TH ST. REALTY CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	35-11 41ST STREET - 2ND FLOOR
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 392-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25943
Affiliation Type:	Mail Contact
Company Name:	92-18 149TH ST. REALTY CORP.
Contact Type:	Not reported
Contact Name:	JEFF SITOMER
Address1:	35-11 41ST STREET- 2ND FLOOR
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 392-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25943
Affiliation Type:	Facility Operator
Company Name:	92-18 149TH ST.
Contact Type:	Not reported
Contact Name:	92-18 149TH ST. REALTY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 739-3018
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25943
Affiliation Type:	Emergency Contact
Company Name:	92-18 149TH ST. REALTY CORP.
Contact Type:	Not reported
Contact Name:	JEFF SITOMER

92-18 149TH ST. (Continued) **U003652092**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 392-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	56510
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1500
Install Date:	Not reported
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

AC329 **JAMAICA GAS AND LIGHT** **EDR MGP** **1008407956**
NE **BEAVER RD., AND 158TH ST.** **N/A**
1/8-1/4 **JAMAICA, NY 11451**
0.175 mi.
925 ft. **Site 4 of 4 in cluster AC**

Relative:
Higher

Actual:
49 ft.

Manufactured Gas Plants:

No additional information available

330
SE
1/8-1/4
0.177 mi.
932 ft.

CON EDISON
STYLER RD & TUCKERTON ST
QUEENS, NY 11432

NY MANIFEST **S117315959**
N/A

Relative:
Lower

Actual:
29 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	STYLER RD & TUCKERTON ST
City,State,Zip:	QUEENS, NY 11432
Country:	USA
EPA ID:	NYP004631776
Facility Status:	Not reported
Location Address 1:	STYLER RD & TUCKERTON ST
Code:	BP
Location Address 2:	SB18017
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004631776
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	08/19/2014
Trans1 Recv Date:	08/19/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004631776
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013254303JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117315959**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AJ331 **EWG GLASS RECOVERY AND RECYCLING158THSTREET** **NY SWRCY** **S109375843**
ENE **94-54 158TH STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.177 mi.
932 ft. **Site 1 of 7 in cluster AJ**

Relative: SWRCY:
Lower

Actual: Name:	EWG GLASS RECOVERY AND RECYCLING158THSTREET
34 ft. Address:	94-54 158TH STREET
City,State,Zip:	JAMAICA, NY 11433
Region:	2
Facility Address 2:	Not reported
Phone Number:	7187397270
Owner Type:	Private
Owner Name:	Edward Golebiewski
Owner Address:	PO Box 313005
Owner Address 2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11431
Owner Email:	Not reported
Owner Phone:	7187397270
Contact Name:	Edward Golebiewski
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	ewgglass@yahoo.com
Contact Phone:	7187397270
Activity Desc:	RHRF - registration
Activity Number:	[41M56]
Active:	Yes

EWG GLASS RECOVERY AND RECYCLING158THSTREET (Continued) **S109375843**

East Coordinate: 602654
North Coordinate: 4506692
Accuracy Code: Not reported
Regulatory Status: Registration
Permit #: 41M56
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Glass;Commingled Paper;Paper / Cardboard;Newspaper
Operator Name: Not reported
Operator Type: Not reported
Last Date: 2016-05-18 00:00:00

AH332 **CON EDISON** **NY MANIFEST** **1016965540**
SE **106-04 150 ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.181 mi.
958 ft. **Site 2 of 3 in cluster AH**

Relative:
Lower

Actual:
29 ft.

NY MANIFEST:
Name: CON EDISON
Address: 106-04 150 ST
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004384111
Facility Status: Not reported
Location Address 1: OPP 106-04-150 ST
Code: BP
Location Address 2: SERVICE BOX # 21253
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11101
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004384111
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/01/2013
Trans1 Recv Date: 11/01/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/01/2013

CON EDISON (Continued) **1016965540**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004384111
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002236611GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	725
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AH333 **CON EDISON - SERVICE BOX 21253** **RCRA-LQG** **1016965539**
SE **106-04 150 ST** **NYP004384111**
1/8-1/4 **JAMAICA, NY 11435**
0.181 mi.
958 ft. **Site 3 of 3 in cluster AH**

Relative:
Lower

Actual:
29 ft.

RCRA-LQG:

Date form received by agency:	2014-03-27 00:00:00.0
Facility name:	CON EDISON - SERVICE BOX 21253
Facility address:	106-04 150 ST JAMAICA, NY 11435
EPA ID:	NYP004384111
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE

CON EDISON - SERVICE BOX 21253 (Continued) **1016965539**

NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2757
Contact email: HUACOND@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2013-11-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2013-11-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

CON EDISON - SERVICE BOX 21253 (Continued) **1016965539**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-12-01 00:00:00.0
Site name: CON EDISON SERVICE BOX: 21253
Classification: Not a generator, verified

Date form received by agency: 2013-11-01 00:00:00.0
Site name: CON EDISON SERVICE BOX: 21253
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

AF334 **V-M AUTO COLLISION WORKS FORMER** **RCRA NonGen / NLR** **1000102731**
South **105-06 SUTPHIN BLVD** **NY MANIFEST** **NYD981874456**
1/8-1/4 **JAMAICA, NY 11435**
0.183 mi.
965 ft. **Site 3 of 4 in cluster AF**

Relative:
Higher

Actual:
38 ft.

RCRA NonGen / NLR:
Date form received by agency: 2007-01-01 00:00:00.0
Facility name: V-M AUTO COLLISION WORKS FORMER
Facility address: 105-06 SUTPHIN BLVD
JAMAICA, NY 11435-5022
EPA ID: NYD981874456
Mailing address: UNIVERSITY AVE
BRONX, NY 10452
Contact: JONATHAN KAPLAN
Contact address: UNIVERSITY AVE
BRONX, NY 10452
Contact country: US
Contact telephone: 845-452-1658
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HELP PROJECT SAMARITAN INC
Owner/operator address: 1401 UNIVERSITY AVE
BRONX, NY 10452
Owner/operator country: US
Owner/operator telephone: 718-681-8700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

V-M AUTO COLLISION WORKS FORMER (Continued) **1000102731**

Owner/Operator Type: Owner
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: HELP PROJECT SAMARITAN INC
Owner/operator address: 1401 UNIVERSITY AVE
BRONX, NY 10452
Owner/operator country: US
Owner/operator telephone: 718-681-8700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: V-M AUTO COLLISION WORKS FORMER
Classification: Not a generator, verified

Date form received by agency: 2002-03-27 00:00:00.0
Site name: V-M AUTO COLLISION WORKS FORMER
Classification: Large Quantity Generator

Date form received by agency: 1999-07-08 00:00:00.0
Site name: V-M AUTO COLLISION WORKS FORMER
Classification: Not a generator, verified

Date form received by agency: 1987-01-15 00:00:00.0
Site name: V-M AUTO COLLISION WORKS FORMER
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

V-M AUTO COLLISION WORKS FORMER (Continued) **1000102731**

Violation Status: No violations found

NY MANIFEST:
Name: V-M AUTO REFINISHING CORPORATION
Address: 105-06 SUTPHIN BLVD
City,State,Zip: JAMAICA, NY 11435-5022
Country: USA
EPA ID: NYD981874456
Facility Status: Not reported
Location Address 1: 105-06 SUTPHIN BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981874456
Mailing Name: V-M AUTO REFINISHING CORPORATION
Mailing Contact: V-M AUTO REFINISHING CORPORATION
Mailing Address 1: 105-06 SUTPHIN BLVD
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11435
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187394279

NY MANIFEST:
Document ID: NJA2588701
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 12/17/1996
Trans1 Recv Date: 12/17/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 12/19/1996
Part A Recv Date: / /
Part B Recv Date: 01/14/1997
Generator EPA ID: NYD981874456
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported

V-M AUTO COLLISION WORKS FORMER (Continued) **1000102731**

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00150
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AF335 **T & H GARAGE** **NY AST** **A100382368**
South **105-20 SUTPHIN BLVD.** **N/A**
1/8-1/4 **JAMAICA, NY 11434**
0.186 mi.
982 ft. **Site 4 of 4 in cluster AF**

Relative:
Higher

Actual:
38 ft.

AST:

Name:	T & H GARAGE
Address:	105-20 SUTPHIN BLVD.
City,State,Zip:	JAMAICA, NY 11434
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-603382
Program Type:	PBS
UTM X:	601087.77956
UTM Y:	4505647.05336
Expiration Date:	N/A
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	001
Tank Id:	54076
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2003
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	cgfreedm
Last Modified:	04/14/2017

T & H GARAGE (Continued) **A100382368**

Material Name: Not reported

AK336 **CON EDISON** **NY MANIFEST** **S117060449**
NNW **149-02 JAMAICA AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.188 mi.
992 ft. **Site 1 of 10 in cluster AK**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	149-02 JAMAICA AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004526745
Facility Status:	Not reported
Location Address 1:	149-02 JAMAICA AV
Code:	BP
Location Address 2:	SB34980
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004526745
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10001
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05/09/2014
Trans1 Recv Date:	05/09/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004526745
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002417802GBF
Import Indicator:	N
Export Indicator:	N

CON EDISON (Continued) **S117060449**

Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK337 **CON EDISON SERVICE BOX: 34980** **RCRA NonGen / NLR** **1017774856**
NNW **149-02 JAMAICA AVE** **FINDS** **NYP004526745**
1/8-1/4 **JAMAICA, NY 11435**
0.188 mi.
992 ft. **Site 2 of 10 in cluster AK**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-06-09 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 34980
Facility address:	149-02 JAMAICA AVE JAMAICA, NY 11435
EPA ID:	NYP004526745
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

CON EDISON SERVICE BOX: 34980 (Continued) **1017774856**

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 2014-05-09 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-05-09 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063795326

Environmental Interest/Information System

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

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

AD338 **E & M AUTO BODY** **RCRA NonGen / NLR** **1000122621**
NW **92-21 147TH PL** **FINDS** **NYD982272593**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.188 mi. **NY MANIFEST**
993 ft. **Site 10 of 14 in cluster AD**

Relative: Higher
Actual: 49 ft.

RCRA NonGen / NLR:

Date form received by agency: 2007-01-01 00:00:00.0
Facility name: E & M AUTO BODY
Facility address: 92-21 147TH PL
JAMAICA, NY 11435-4312
EPA ID: NYD982272593
Mailing address: 147TH PL
JAMAICA, NY 11438
Contact: Not reported

E & M AUTO BODY (Continued) **1000122621**

Contact address: 147TH PL
JAMAICA, NY 11438
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MIKE TAVAREZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MIKE TAVAREZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: E & M AUTO BODY

E & M AUTO BODY (Continued) **1000122621**

Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: E & M AUTO BODY
Classification: Not a generator, verified

Date form received by agency: 1987-09-11 00:00:00.0
Site name: E & M AUTO BODY
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004417890

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

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

ECHO:
Envid: 1000122621
Registry ID: 110004417890
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004417890

NY MANIFEST:
Name: E M AUTO BODY CENTER INCORPORATED
Address: 92-21 147TH PL
City,State,Zip: JAMAICA, NY 11435-4312
Country: USA
EPA ID: NYD982272593
Facility Status: Not reported
Location Address 1: 92-21 147TH PLACE
Code: BP

E & M AUTO BODY (Continued) **1000122621**

Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD982272593
Mailing Name:	E M AUTO BODY CENTER INCORPORATED
Mailing Contact:	E M AUTO BODY CENTER INCORPORATED
Mailing Address 1:	92-21 147TH PLACE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185262458

NY MANIFEST:

Document ID:	NJA2185326
Manifest Status:	C
seq:	Not reported
Year:	1995
Trans1 State ID:	S6993
Trans2 State ID:	Not reported
Generator Ship Date:	10/26/1995
Trans1 Recv Date:	10/26/1995
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/26/1995
Part A Recv Date:	/ /
Part B Recv Date:	11/07/1995
Generator EPA ID:	NYD982272593
Trans1 EPA ID:	NJD980772768
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055

E & M AUTO BODY (Continued) **1000122621**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD339 **CON EDISON** **NY MANIFEST** **S117537439**
NW **92-19 147 PL** **N/A**
1/8-1/4 **QUEENS, NY 11432**
0.189 mi.
996 ft. **Site 11 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	92-19 147 PL
City,State,Zip:	QUEENS, NY 11432
Country:	USA
EPA ID:	NYP004700019
Facility Status:	Not reported
Location Address 1:	92-19 147 PL
Code:	BP
Location Address 2:	SB 8336
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004700019
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	11/26/2014
Trans1 Recv Date:	11/26/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/01/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

CON EDISON (Continued) **S117537439**

Generator EPA ID:	NYP004700019
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012773263JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	250
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AL340 **CON ED** **NY MANIFEST** **S119077369**
West **144-27 94TH AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.189 mi.
997 ft. **Site 1 of 11 in cluster AL**

Relative: **Higher**

Actual: **48 ft.**

NY MANIFEST:

Name:	CON ED
Address:	144-27 94TH AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004828606
Facility Status:	Not reported
Location Address 1:	144-27 94TH AVE
Code:	BP
Location Address 2:	SB 34481
Total Tanks:	Not reported
Location City:	QUEENS

CON ED (Continued) **S119077369**

Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004828606
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/24/2015
Trans1 Recv Date: 08/24/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/25/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004828606
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014466475JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks

CON ED (Continued) **S119077369**

Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AL341
West
1/8-1/4
0.189 mi.
997 ft.

CON EDISON **NJ MANIFEST** **S120675793**
144-27 94TH AVE **N/A**
JAMAICA, NY 11435

Site 2 of 11 in cluster AL

Relative:
Higher

Actual:
48 ft.

NJ MANIFEST:

EPA Id:	NYP004828606
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466475JJK
EPA ID:	NYP004828606
Date Shipped:	8/24/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

CON EDISON (Continued) **S120675793**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AL342 **AIR TRAIN - PARKING LOT** **NY AST** **A100300208**
West **144-27 94TH AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.189 mi.
997 ft. **Site 3 of 11 in cluster AL**

Relative:
Higher

Actual:
48 ft.

AST:

Name:	AIR TRAIN - PARKING LOT
Address:	144-27 94TH AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610378
Program Type:	PBS
UTM X:	600698.77283
UTM Y:	4505985.39681
Expiration Date:	10/31/2021
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	372800
Affiliation Type:	Facility Owner
Company Name:	LONG ISLAND RAILROAD
Contact Type:	DIRECTOR OF ENVIRONMENTAL PLANNING AND COMPLIANCE
Contact Name:	GLORIA RUSSO
Address1:	93-02 SUTPHIN BLVD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(347) 494-6034
EMail:	Not reported
Fax Number:	Not reported

AIR TRAIN - PARKING LOT (Continued) **A100300208**

Modified By: DMPOKRZY
Date Last Modified: 2018-03-19

Site Id: 372800
Affiliation Type: Mail Contact
Company Name: LONG ISLAND RAILROAD
Contact Type: Not reported
Contact Name: GLORIA RUSSO
Address1: 146-01 ARCHER AVENUE
Address2: MC 1428
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (347) 494-6034
EMail: GGRUSSO@LIRR.ORG
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-10-31

Site Id: 372800
Affiliation Type: Facility Operator
Company Name: AIR TRAIN - PARKING LOT
Contact Type: Not reported
Contact Name: NY/NJ PORT AUTHORITY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 558-2631
EMail: Not reported
Fax Number: Not reported
Modified By: GDBREEN
Date Last Modified: 2014-04-16

Site Id: 372800
Affiliation Type: Emergency Contact
Company Name: LONG ISLAND RAILROAD
Contact Type: Not reported
Contact Name: LIRR MOVEMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 558-8204
EMail: Not reported
Fax Number: Not reported
Modified By: GDBREEN
Date Last Modified: 2014-04-16

Tank Info:

Tank Number: JCC01

AIR TRAIN - PARKING LOT (Continued) **A100300208**

Tank Id: 214231
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L99 - Piping Leak Detection - Other
G11 - Tank Secondary Containment - Double-bottom (Aboveground)
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
D11 - Pipe Type - Flexible Piping
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/11/2005
Capacity Gallons: 8600
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TLYE
Last Modified: 04/14/2017
Material Name: Diesel (E-Gen)

Tank Number: JCC02
Tank Id: 214232
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L99 - Piping Leak Detection - Other
G11 - Tank Secondary Containment - Double-bottom (Aboveground)
K01 - Spill Prevention - Catch Basin
D11 - Pipe Type - Flexible Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

AIR TRAIN - PARKING LOT (Continued) **A100300208**

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/11/2005
Capacity Gallons:	8600
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TLYE
Last Modified:	04/14/2017
Material Name:	Diesel (E-Gen)

AL343 **CON EDISON** **RCRA NonGen / NLR** **1019906966**
West **144-27 94TH AVE** **NYP004828606**
1/8-1/4 **JAMAICA, NY 11435**
0.189 mi.
997 ft. **Site 4 of 11 in cluster AL**

Relative:
Higher

Actual:
48 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-08-24 00:00:00.0
Facility name:	CON EDISON
Facility address:	144-27 94TH AVE JAMAICA, NY 11435
EPA ID:	NYP004828606
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON (Continued) **1019906966**

Historical Generators:
Date form received by agency: 2015-08-24 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AE344 **RESIDENCE** **NY LTANKS** **S118462560**
North **8808 151ST AVE** **N/A**
1/8-1/4 **QUEENS, NY**
0.189 mi.
998 ft. **Site 4 of 4 in cluster AE**

Relative: **Higher**
Actual: **47 ft.**

LTANKS:

Name:	RESIDENCE
Address:	8808 151ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1510485 / 2016-03-02
Facility ID:	1510485
Site ID:	521170
Spill Date:	2016-01-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	RMOMAR
Referred To:	Not reported
Reported to Dept:	2016-01-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2016-01-26
Spill Record Last Update:	2016-03-02
Spiller Name:	ROB HILL
Spiller Company:	HOME OWNER
Spiller Address:	8808 151ST AVE
Spiller County:	999
Spiller Contact:	ROB HILL
Spiller Phone:	(718) 855-7272
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	475428
DEC Memo:	"1/26/16: J.Kann - spoke with Rob Hill of Riteway. They installed a new tank in the basement of the property and soil samples were collected around the former tank as a part of the tank decommissioning. The soil had slight exceedences. I informed Rob Hill that Rashad Omar will be the project manager for the site and emailed Rob/Rashad regarding the spill. Since Rashad is the runner today, spill assigned to Rashad. 1/27/2016: Rashad 88-08 151 Avenue has another building on tax lot, 88-12 151 Avenue. No additional spills found for sites. No PBS registgration found for 88-08 151 Avenue however there is PBS registration for 88-12 151 Avenue, PBS#2-276898

RESIDENCE (Continued) **S118462560**

for a 15,000 gallon #2 fuel oil UST which is in service. As per DOB records a permit was approved on 9/14/15 to install replacement fuel storage tank and abandon existing fuel storage tank. 2/1/2016: Rashad Initial email that J. Kann sent had wrong email address for Rob Hill, I emailed Rob this morning: Can you please send over the soil results and a site plan indicating where the samples were taken for this location? 2/17/2016: Rashad Received email from Rob: These samples were taken from the below the tank bottom. In addition the tank started to fill with water when the holes were made at the tank bottom. The samples were taken from the left to right in the oil tank. Email had sample results, they were uploaded to D2. Sample 1: 1,2,4-Trimethlybenzene 4300ppb, Ethylbenzene 1500ppb, Xylene 810ppb Sample 2: Xylene 530ppb Sample 3: 1,2,4-Trimethylbenzene 3800ppb, xylene 620ppb Sample 4: Xylene 660ppb 2/18/2016: Rashad Sent email to Rob: If water is present can you please take a water sample? Also what size is the tank and what type of fuel was used in the tank? Is the tank being removed or closed in place? Rob responded: It is a #2 oil tank and the tank is a 15,000 gallon tank. I will obtain a water sample tomorrow. 3/2/2016: Rashad Received email from David Chan: Please find the sample results for the water sample at 88-08 151st Ave. Please let me know if you need anything else. Thank you in advance, Email contained analytical data from water sample. The results have been uploaded to D2. The groundwater sample showed no VOCs or SCOVs above unrestricted levels. Spill will be closed as per minor soil contamination and clean groundwater sample. "

Remarks: "unknown amount spilled"

All Materials:

Site ID:	521170
Operable Unit ID:	1270188
Operable Unit:	01
Material ID:	2274373
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AL345 **144-02 94TH AVENUE** **NY VCP** **S125316842**
West **144-02 94TH AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.189 mi.
1000 ft. **Site 5 of 11 in cluster AL**

Relative:
Higher

Actual:
47 ft.

VCP NYC:

Project ID:	19TMP0155Q, 19EHAN080Q, 19CVCP051Q
Name:	144-02 94TH AVENUE
Address:	144-02 94TH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

AG346 **CON EDISON** **NY MANIFEST** **S117737873**
ESE **105-24 156 ST FRNT** **N/A**
1/8-1/4 **JAMAICA, NY 11434**
0.190 mi.
1001 ft. **Site 5 of 5 in cluster AG**

Relative:
Lower

Actual:
32 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	105-24 156 ST FRNT
City,State,Zip:	JAMAICA, NY 11434
Country:	USA
EPA ID:	NYP004685863
Facility Status:	Not reported
Location Address 1:	105-24 156 ST FRNT
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11434
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004685863
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/28/2014
Trans1 Recv Date:	10/28/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004685863
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002618128GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117737873**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

347
NNE
1/8-1/4
0.190 mi.
1002 ft.

CON EDISON - SERVICE BOX 68598
153 ST AND ARCHER AVE
JAMAICA, NY 11432

RCRA-LQG **1016967066**
NY MANIFEST **NYP004400495**

Relative:
Higher

Actual:
53 ft.

RCRA-LQG:

Date form received by agency:	2014-03-27 00:00:00.0
Facility name:	CON EDISON - SERVICE BOX 68598
Facility address:	153 ST AND ARCHER AVE JAMAICA, NY 11432
EPA ID:	NYP004400495
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2757
Contact email:	HUACOND@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1

CON EDISON - SERVICE BOX 68598 (Continued) **1016967066**

kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2013-12-05 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2013-12-05 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code:	D008
. Waste name:	LEAD

Violation Status: No violations found

CON EDISON - SERVICE BOX 68598 (Continued) **1016967066**

NY MANIFEST:

Name:	CON EDISON
Address:	153 ST AND ARCHER AVE
City,State,Zip:	JAMAICA, NY 11432
Country:	USA
EPA ID:	NYP004400495
Facility Status:	Not reported
Location Address 1:	NORTH EAST CORNER OF ARCHER AVE & 153RD ST
Code:	BP
Location Address 2:	SB68598
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004400495
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/05/2013
Trans1 Recv Date:	12/05/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004400495
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002237342GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

CON EDISON - SERVICE BOX 68598 (Continued) **1016967066**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AI348 **MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES** **RCRA-SQG** **1001090438**
NW **SUTPHIN BLVD & ARCHER AVE** **NY MANIFEST** **NYR000022756**
1/8-1/4 **JAMAICA, NY 11435**
0.192 mi.
1013 ft. **Site 6 of 12 in cluster AI**

Relative: **Higher**

Actual: **49 ft.**

RCRA-SQG:

Date form received by agency:	2018-06-27 00:00:00.0
Facility name:	MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES
Facility address:	SUTPHIN BLVD & ARCHER AVE JAMAICA, NY 11435
EPA ID:	NYR000022756
Mailing address:	BROADWAY 5TH FLOOR 503 NEW YORK, NY 10004
Contact:	LUMINITA MARINESCU
Contact address:	BROADWAY 5TH FLOOR 503 NEW YORK, NY 10004
Contact country:	US
Contact telephone:	646-252-3506
Contact email:	LUMINITA.MARINESCU@NYCT.COM
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MTA NYCT
Owner/operator address:	BROADWAY 5TH FLOOR 503 NEW YORK, NY 10004

MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES (Continued) **1001090438**

Owner/operator country: US
Owner/operator telephone: 646-252-3506
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 1968-03-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA NYCT
Owner/operator address: BROADWAY 5TH FLOOR 503
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: 646-252-3506
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 1968-03-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-01-01 00:00:00.0
Site name: LIRR JAMAICA STATION PLATFORMS
Classification: Not a generator, verified

Date form received by agency: 2006-01-01 00:00:00.0
Site name: LIRR JAMAICA STATION PLATFORMS
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: LIRR JAMAICA STATION PLATFORMS
Classification: Not a generator, verified

Date form received by agency: 1996-04-25 00:00:00.0
Site name: LIRR JAMAICA STATION PLATFORMS
Classification: Small Quantity Generator

MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES (Continued) **1001090438**

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:
Name: LONG ISLAND RAILROAD
Address: SUTPHIN BLVD & ARCHER AVE
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYR000022756
Facility Status: Not reported
Location Address 1: JAMAICA STATION PLATFORM
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000022756
Mailing Name: LONG ISLAND RAILROAD
Mailing Contact: FRED SCARCELLO
Mailing Address 1: 93-59 183RD ST DEPT 3141
Mailing Address 2: Not reported
Mailing City: HOLLIS
Mailing State: NY
Mailing Zip: 14435
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185583222

NY MANIFEST:
Document ID: MIA4134105
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 05/03/1996
Trans1 Recv Date: 05/03/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 05/21/1996
Part A Recv Date: / /
Part B Recv Date: 06/11/1996
Generator EPA ID: NYR000022756
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSDF ID 1: MID096963194
TSDF ID 2: Not reported

MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES (Continued) **1001090438**

Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01500
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

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AI349 **CON EDISON** **NY MANIFEST** **S117736241**
NW **ARCHER AVE & SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.192 mi.
1013 ft. **Site 7 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	ARCHER AVE & SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004483442
Facility Status:	Not reported
Location Address 1:	ARCHER AVE & SUTPHIN BLVD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004483442
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING ST
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK

CON EDISON (Continued) **S117736241**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/31/2014
Trans1 Recv Date:	03/31/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/31/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004483442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002407193GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S117736241**

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AI350 **CON EDISON** **NY MANIFEST** **S118708166**
NW **SUTPHIN BLVD & ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.192 mi.
1013 ft. **Site 8 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	SUTPHIN BLVD & ARCHER AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004399523
Facility Status:	Not reported
Location Address 1:	SOUTH WEST CORNER SUTPHIN BLVD & ARCHER AVE
Code:	BP
Location Address 2:	SB68744
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004399523
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/04/2013
Trans1 Recv Date:	12/04/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004399523
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002237318GBF
Import Indicator:	N

CON EDISON (Continued) **S118708166**

Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AI351 **CON EDISON** **RCRA NonGen / NLR** **1017771407**
NW **ARCHER AVE & SUTPHIN BLVD** **NYP004483442**
1/8-1/4 **JAMAICA, NY 11435**
0.192 mi.
1013 ft. **Site 9 of 12 in cluster AI**

Relative: **Higher**

Actual: **49 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2014-04-30 00:00:00.0
Facility name:	CON EDISON
Site name:	CON EDISON SERVICE BOX: 68745
Facility address:	ARCHER AVE & SUTPHIN BLVD SE COR JAMAICA, NY 11435
EPA ID:	NYP004483442
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

CON EDISON (Continued) **1017771407**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-03-31 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-03-31 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

AI352 **CON EDISON** **RCRA NonGen / NLR** **1018277503**
NW **SUTPHIN BLVD & ARCHER AVE** **NYP004399523**
1/8-1/4 **JAMAICA, NY 11435**
0.192 mi.
1013 ft. **Site 10 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:
Date form received by agency: 2013-12-04 00:00:00.0
Facility name: CON EDISON
Facility address: SUTPHIN BLVD & ARCHER AVE
JAMAICA, NY 11435
EPA ID: NYP004399523
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

CON EDISON (Continued) **1018277503**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-12-04 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Violation Status: No violations found

AM353 **NEW YORK CITY POLICE DEPARTMENT** **RCRA-LQG** **1004761382**
North **150-14 JAMAICA AVE** **NY Spills** **NYR000086314**
1/8-1/4 **JAMAICA, NY 11432** **FINDS**
0.192 mi. **ECHO**
1014 ft. **Site 1 of 2 in cluster AM** **NJ MANIFEST**
NY MANIFEST

Relative:
Higher

Actual:
48 ft.

RCRA-LQG:

Date form received by agency:	2018-02-16 00:00:00.0
Facility name:	NEW YORK CITY POLICE DEPARTMENT
Facility address:	150-14 JAMAICA AVE JAMAICA, NY 11432
EPA ID:	NYR000086314
Mailing address:	JAMAICA AVE JAMAICA, NY 11432
Contact:	SCOTT ONEILL
Contact address:	JAMAICA AVE JAMAICA, NY 11432
Contact country:	US
Contact telephone:	718-558-8875
Contact email:	SCOTT.ONEILL@NYPD.ORG
EPA Region:	02
Land type:	Municipal
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	NYC POLICE DEPT

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Owner/operator address:	1 POLICE PLZ
	NEW YORK, NY 10038
Owner/operator country:	Not reported
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NEW YORK CITY POLICE DEPARTMENT
Owner/operator address:	POLICE PLZ
	NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	1998-06-08 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	150-14 JAMAICA AVE
	JAMAICA, NY 11432
Owner/operator country:	US
Owner/operator telephone:	718-558-8717
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	2000-12-20 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	NEW YORK CITY POLICE DEPARTMENT
Owner/operator address:	POLICE PLZ
	NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	1998-06-08 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	NYC POLICE DEPT
Owner/operator address:	1 POLICE PLZ
	NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: CITY OF NEW YORK
Owner/operator address: 150-14 JAMAICA AVE
JAMAICA, NY 11432
Owner/operator country: Not reported
Owner/operator telephone: 718-558-8717
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 2000-12-20 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: CITY OF NEW YORK
Owner/operator address: 150-14 JAMAICA AVE
JAMAICA, NY 11432
Owner/operator country: US
Owner/operator telephone: 718-558-8717
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 2000-12-20 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2016-02-19 00:00:00.0
Site name: NEW YORK CITY POLICE DEPARTMENT
Classification: Large Quantity Generator

Date form received by agency: 2010-04-21 00:00:00.0

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Site name: NYPD FORENSIC LABORATORY
Classification: Small Quantity Generator

Date form received by agency: 2007-01-01 00:00:00.0
Site name: NYC POLICE LABORATORY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2006-01-01 00:00:00.0
Site name: NYC POLICE LABORATORY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2000-12-20 00:00:00.0
Site name: NYC POLICE LABORATORY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2000-05-31 00:00:00.0
Site name: NYC POLICE LABORATORY
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U204
. Waste name: SELENIOUS ACID (OR) SELENIUM DIOXIDE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U214
. Waste name: ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 5494.9

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 3571.5

Waste code: D008
Waste name: LEAD
Amount (Lbs): 20250

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Waste code: D039
Waste name: TETRACHLOROETHYLENE
Amount (Lbs): 301.5

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 5494.9

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2018-09-26 00:00:00.0
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 2018-09-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 2018-09-26 00:00:00.0
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 2018-09-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2018-09-26 00:00:00.0
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 2018-09-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2016-07-07 00:00:00.0
Date achieved compliance: 2016-10-26 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-07-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 2016-07-07 00:00:00.0
Date achieved compliance: 2016-10-26 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-07-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 2016-07-07 00:00:00.0
Date achieved compliance: 2016-10-26 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-07-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 2016-07-07 00:00:00.0
Date achieved compliance: 2016-10-26 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-07-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2016-07-07 00:00:00.0
Date achieved compliance: 2016-10-26 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-07-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2016-07-07 00:00:00.0
Date achieved compliance: 2016-10-26 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-07-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 2011-03-11 00:00:00.0
Date achieved compliance: 2011-08-25 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2011-03-11 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2011-08-25 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Evaluation Action Summary:

Evaluation date:	2018-09-26 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	State Statute or Regulation
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	2018-09-26 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	2018-09-26 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD IS-Container Use and Management
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	2016-07-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	2016-10-26 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2016-07-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	State Statute or Regulation
Date achieved compliance:	2016-10-26 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2016-07-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Manifest
Date achieved compliance:	2016-10-26 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2016-07-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	LDR - General
Date achieved compliance:	2016-10-26 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2016-07-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD IS-Container Use and Management
Date achieved compliance:	2016-10-26 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2016-07-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	2016-10-26 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2011-03-11 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Area of violation: Listing - General
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2011-03-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2011-08-25 00:00:00.0
Evaluation lead agency: State

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

SPILLS:

Name:	NYPD LABORTORY
Address:	150-14 JAMAICA AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0406294 / 2004-10-27
Facility ID:	0406294
Facility Type:	ER
DER Facility ID:	93285
Site ID:	105770
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2004-09-08
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2004-09-08
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-09-08
Spill Record Last Update:	2004-10-27
Spiller Name:	DISPATCHER 337
Spiller Company:	NYPD LABORTORY
Spiller Address:	150-14 JAMAICA AVE.
Spiller Company:	001
Contact Name:	DISPATCHER 337
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was 10/27/04 TJD Spill at NYPD Lab. Contained and cleaned by laboratory personnel. No further action required. Spill closed."
Remarks:	"SPILL CONTAINED TO ONE ROOM AND ALARM WAS ACTIVATED. SPILL HAS BEEN CLEANED UP"

All Materials:

Site ID:	105770
Operable Unit ID:	888924
Operable Unit:	01
Material ID:	487325
Material Code:	0029C
Material Name:	hydrogen chloride
Case No.:	07647010
Material FA:	Hazardous Material
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

FINDS:

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Registry ID: 110004562303

Environmental Interest/Information System

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

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid:	1004761382
Registry ID:	110004562303
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004562303

NJ MANIFEST:

EPA Id:	NYR000086314
Mail Address:	JAMAICA AVE
Mail City/State/Zip:	JAMAICA, NY 11432
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	RAVI CHICKMAGALUR
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002697798JJK
EPA ID:	NYR000086314
Date Shipped:	10/18/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/18/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/25/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Manifest Number:	002699715JJK
EPA ID:	NYR000086314
Date Shipped:	08/30/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/30/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/06/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	120 P

Manifest Number:	002699427JJK
EPA ID:	NYR000086314
Date Shipped:	04/30/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/30/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/09/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Waste Code:	D001
Hand Code:	H14
Quantity:	10 P
Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H14
Quantity:	35 P
Manifest Number:	002697836JJK
EPA ID:	NYR000086314
Date Shipped:	10/01/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/01/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/04/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	120 P

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Manifest Number:	002698632JJK
EPA ID:	NYR000086314
Date Shipped:	10/03/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/03/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/09/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	60 P

Manifest Number:	002699492JJK
EPA ID:	NYR000086314
Date Shipped:	05/31/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/31/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/01/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H14
Quantity:	60 P

Manifest Number:	004182581JJK
EPA ID:	NYR000086314
Date Shipped:	01/04/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/04/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/10/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	160 P

Manifest Number:	004853361JJK
EPA ID:	NYR000086314
Date Shipped:	01/05/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/05/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/09/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	40 P

Manifest Number:	004853613JJK
EPA ID:	NYR000086314
Date Shipped:	05/29/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/29/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/04/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	40 P

Manifest Number:	004182657JJK
EPA ID:	NYR000086314
Date Shipped:	01/28/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/28/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/31/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	20 P

Manifest Number:	002699687JJK
EPA ID:	NYR000086314

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Date Shipped:	07/30/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/30/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/02/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	20 P

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	40 P

Manifest Number:	004854960JJK
EPA ID:	NYR000086314
Date Shipped:	08/25/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/25/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/27/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	40 P

Manifest Number:	002699073JJK
EPA ID:	NYR000086314
Date Shipped:	02/27/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/27/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/01/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	60 P

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	20 P

Manifest Number:	002698595JJK
EPA ID:	NYR000086314
Date Shipped:	03/27/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/27/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/03/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	50 P

Manifest Number:	000698920JJK
EPA ID:	NYR000086314
Date Shipped:	01/30/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/30/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/22/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	60 P

Manifest Number:	006477537SKS
EPA ID:	NYR000086314
Date Shipped:	3/7/2018
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000081205
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Generator EPA Facility Name:	NYC CRIME LAB
Transporter-1 EPA Facility Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA Facility Name:	SAFETY KLEEN SYSTEMS INC
QTY Units:	gallons
Transporter SEQ ID:	Not reported
Transporter-1 Date:	3/7/2018
Waste SEQ ID:	1
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	3/9/2018
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Manifest Number:	004120259JJK
EPA ID:	NYR000086314
Date Shipped:	04/29/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/29/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/01/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	20 P

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	60 P

Manifest Number:	004853929JJK
EPA ID:	NYR000086314
Date Shipped:	03/27/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/27/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/02/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	80 P

Manifest Number:	002698063JJK
EPA ID:	NYR000086314
Date Shipped:	06/29/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/29/2007

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/05/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11432
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	20 P

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	60 P

NY MANIFEST:

Name:	NYC POLICE LAB
Address:	150-14 JAMAICA AVE
City,State,Zip:	JAMAICA, NY 11432
Country:	USA
EPA ID:	NYR000086314
Facility Status:	Not reported
Location Address 1:	150-14 JAMAICA AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000086314

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Mailing Name:	NYC POLICE LAB
Mailing Contact:	ASHER NAJMUDDIN
Mailing Address 1:	150-14 JAMAICA AVE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11432
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185588757

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	06/28/2018
Trans1 Recv Date:	06/28/2018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/17/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000086314
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD083377010
TSDF ID 2:	Not reported
Manifest Tracking Number:	019014416JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	40
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	F003
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

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

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

AM354 **FORENSIC INVESTIGATIONS DIVISION** **NY AST** **A100157729**
North **150-14 JAMAICA AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11342**
0.192 mi.
1014 ft. **Site 2 of 2 in cluster AM**

Relative:
Higher

Actual:
48 ft.

AST:

Name:	FORENSIC INVESTIGATIONS DIVISION
Address:	150-14 JAMAICA AVENUE
City,State,Zip:	JAMAICA, NY 11342
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604386
Program Type:	PBS
UTM X:	601017.78793
UTM Y:	4506374.99870
Expiration Date:	01/04/2020
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	26260
Affiliation Type:	Facility Owner
Company Name:	NYPD - BUILDING MAINTENANCE SECTION
Contact Type:	SERGEANT
Contact Name:	BRENDAN MORAN
Address1:	59-06 BROOKLYN-QUEENS EXPY
Address2:	Not reported
City:	WOODSIDE
State:	NY
Zip Code:	11377
Country Code:	001
Phone:	(718) 476-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-04-10

Site Id:	26260
Affiliation Type:	Mail Contact
Company Name:	NYC POLICE DEPARTMENT
Contact Type:	Not reported
Contact Name:	COMMANDING OFFICER
Address1:	BUILDING MAINTENANCE SECTION
Address2:	59-06 BROOKLYN-QUEENS EXPY
City:	WOODSIDE
State:	NY
Zip Code:	11377
Country Code:	001
Phone:	(718) 476-7576
EMail:	NICHOLAS.GISONDA@NYPD.ORG

FORENSIC INVESTIGATIONS DIVISION (Continued) **A100157729**

Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-12-20

Site Id:	26260
Affiliation Type:	Facility Operator
Company Name:	FORENSIC INVESTIGATIONS DIVISION
Contact Type:	Not reported
Contact Name:	R. CHICKMAGALUR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 558-8827
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-03-01

Site Id:	26260
Affiliation Type:	Emergency Contact
Company Name:	NYCPD / ASD
Contact Type:	Not reported
Contact Name:	R. CHICKMAGALUR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 558-8716
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	57540
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

FORENSIC INVESTIGATIONS DIVISION (Continued) **A100157729**

	I04 - Overfill - Product Level Gauge (A/G) J02 - Dispenser - Suction Dispenser C02 - Pipe Location - Underground/On-ground
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1996
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AN355 **CON EDISON** **NY MANIFEST** **S117064499**
WSW **95TH AVE & LIVERPOOL ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.193 mi.
1019 ft. **Site 1 of 2 in cluster AN**

Relative:
Higher

Actual:
45 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	95TH AVE & LIVERPOOL ST
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004569927
Facility Status:	Not reported
Location Address 1:	ES LIVERPOOL ST 60’ NORTH OF 95 AVE
Code:	BP
Location Address 2:	SB 6091
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004569927
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

CON EDISON (Continued) **S117064499**

Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	06/19/2014
Trans1 Recv Date:	06/19/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/20/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004569927
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002502851GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AN356
WSW
1/8-1/4
0.193 mi.
1019 ft.

CON EDISON SERVICE BOX: 6091
95TH AVE & LIVERPOOL ST
JAMAICA, NY 11435

Site 2 of 2 in cluster AN

RCRA NonGen / NLR | **1017779028** | **NYP004569927**

Relative:
Higher

Actual:
45 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-07-19 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 6091
Facility address:	95TH AVE & LIVERPOOL ST 60 FEET N OF JAMAICA, NY 11435
EPA ID:	NYP004569927
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-06-19 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Date form received by agency:	2014-06-19 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified

Violation Status: No violations found

357
ESE
1/8-1/4
0.195 mi.
1029 ft.

HONEYWELL FARMS,INC
105-29 156TH STREET
JAMAICA, NY 11433

NY UST **U000412040**
N/A

Relative:
Lower

Actual:
32 ft.

UST:

Name:	HONEYWELL FARMS,INC
Address:	105-29 156TH STREET
City,State,Zip:	JAMAICA, NY 11433
Id/Status:	2-600322 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601415.87966
UTM Y:	4505915.66444
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	22305
Affiliation Type:	Facility Owner
Company Name:	HONEYWELL FARMS,INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	155-25 STYLER ROAD
Address2:	Not reported
City:	QUEENS
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	22305
Affiliation Type:	Mail Contact
Company Name:	HONEYWELL FARMS,INC
Contact Type:	Not reported
Contact Name:	ERNEST WICHERT
Address1:	155-25 STYLER ROAD
Address2:	Not reported
City:	QUEENS
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	22305
Affiliation Type:	Facility Operator
Company Name:	HONEYWELL FARMS,INC
Contact Type:	Not reported
Contact Name:	HONEYWELL FARMS,INC
Address1:	Not reported

HONEYWELL FARMS,INC (Continued) **U000412040**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	22305
Affiliation Type:	Emergency Contact
Company Name:	HONEYWELL FARMS,INC
Contact Type:	Not reported
Contact Name:	HONEYWELL FARMS,INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 526-3442
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	42150
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J00 - Dispenser - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

HONEYWELL FARMS,INC (Continued) **U000412040**

D00 - Pipe Type - No Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

AD358 **CON ED** **NY MANIFEST** **S118463599**
NW **90-79 SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.196 mi.
1036 ft. **Site 12 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON ED
Address:	90-79 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004854093
Facility Status:	Not reported
Location Address 1:	90-79 SUTPHIN BLVD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004854093
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	10/15/2015
Trans1 Recv Date:	10/15/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/15/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004854093
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013245081JJK

CON ED (Continued) **S118463599**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD359 **CON EDISON - SERVICE BOX 68765** **NJ MANIFEST** **S120677700**
NW **90-79 SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.196 mi.
1036 ft. **Site 13 of 14 in cluster AD**

Relative: **Higher**

Actual: **49 ft.**

NJ MANIFEST:

EPA Id:	NYP004854093
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

CON EDISON - SERVICE BOX 68765 (Continued) **S120677700**

Manifest:

Manifest Number:	013245081JJK
EPA ID:	NYP004854093
Date Shipped:	10/15/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AD360 **CON EDISON - SERVICE BOX 68765** **RCRA-LQG** **1019325743**
NW **90-79 SUTPHIN BLVD** **NYP004854093**
1/8-1/4 **JAMAICA, NY 11435**
0.196 mi.
1036 ft. **Site 14 of 14 in cluster AD**

Relative:
Higher

Actual:
49 ft.

RCRA-LQG:

Date form received by agency:	2016-02-05 00:00:00.0
Facility name:	CON EDISON - SERVICE BOX 68765
Facility address:	90-79 SUTPHIN BLVD JAMAICA, NY 11435
EPA ID:	NYP004854093
Mailing address:	IRVING PLACE, 15TH FL NE

CON EDISON - SERVICE BOX 68765 (Continued) **1019325743**

NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2015-10-15 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2015-10-15 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

CON EDISON - SERVICE BOX 68765 (Continued) **1019325743**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code:	D008
. Waste name:	LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	2500

Violation Status: No violations found

AI361 **CON EDISON** **NY MANIFEST** **S116043687**
NW **90-83 SUTPHIN BLVD** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.198 mi.
1046 ft. **Site 11 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	90-83 SUTPHIN BLVD
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004400511
Facility Status:	Not reported
Location Address 1:	90-83 SUTPHIN BLVD
Code:	BP
Location Address 2:	SB13670
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004400511
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	1
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported

CON EDISON (Continued) **S116043687**

Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/05/2013
Trans1 Recv Date:	12/05/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004400511
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002237343GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK362 **CON EDISON SERVICE BOX: 8385** **RCRA NonGen / NLR** **1017774857**
NNW **149TH ST & JAMAICA AVE** **NYP004526752**
1/8-1/4 **JAMAICA, NY 11435**
0.199 mi.
1052 ft. **Site 3 of 10 in cluster AK**

Relative:
Higher

Actual:
50 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-06-09 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 8385
Facility address:	149TH ST & JAMAICA AVE JAMAICA, NY 11435
EPA ID:	NYP004526752
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-05-09 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Date form received by agency:	2014-05-09 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified

Violation Status: No violations found

AK363 **CON EDISON** **NY MANIFEST** **S117060450**
NNW **149TH ST & JAMAICA AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.199 mi.
1052 ft. **Site 4 of 10 in cluster AK**

Relative:
Higher

Actual:
50 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	149TH ST & JAMAICA AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004526752
Facility Status:	Not reported
Location Address 1:	SW INT 149 ST & JAMAICA AV
Code:	BP
Location Address 2:	SB8385
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004526752
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10001
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05/09/2014
Trans1 Recv Date:	05/09/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004526752
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002418856GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117060450**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AL364 **CON EDISON** **NY MANIFEST** **S117741339**
West **94TH AVE & LIVERPOOL AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.202 mi.
1064 ft. **Site 6 of 11 in cluster AL**

Relative:
Higher

Actual:
48 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	94TH AVE & LIVERPOOL AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004745642
Facility Status:	Not reported
Location Address 1:	LIVERPOOL ST & 94 AV
Code:	BP
Location Address 2:	SB18490
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004745642
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK

CON EDISON (Continued) **S117741339**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	03/07/2015
Trans1 Recv Date:	03/07/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/13/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004745642
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014091041JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S117741339**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AL365 **CON EDISON** **NJ MANIFEST** **S120668523**
West **94TH AVE & LIVERPOOL AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.202 mi.
1064 ft. **Site 7 of 11 in cluster AL**

Relative:
Higher

Actual:
48 ft.

NJ MANIFEST:

EPA Id:	NYP004745642
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014091041JJK
EPA ID:	NYP004745642
Date Shipped:	3/7/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

CON EDISON (Continued) **S120668523**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AL366 **CON EDISON** **RCRA NonGen / NLR** **1018277504**
West **SUTPHIN BLVD & 94TH AVE** **FINDS** **NYP004399531**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.202 mi.
1064 ft. **Site 8 of 11 in cluster AL**

Relative:
Higher

Actual:
48 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-12-04 00:00:00.0
Facility name:	CON EDISON
Facility address:	SUTPHIN BLVD & 94TH AVE JAMAICA, NY 11435
EPA ID:	NYP004399531
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-12-04 00:00:00.0
Site name:	CON EDISON

CON EDISON (Continued) **1018277504**

Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067680726

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

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

ECHO:
Envid: 1018277504
Registry ID: 110067680726
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067680726

AL367 **CON EDISON** **RCRA NonGen / NLR** **1018279722**
West **94TH AVE & LIVERPOOL AVE** **NYP004745642**
1/8-1/4 **JAMAICA, NY 11435**
0.202 mi.
1064 ft. **Site 9 of 11 in cluster AL**

Relative:
Higher

Actual:
48 ft.

RCRA NonGen / NLR:
Date form received by agency: 2015-03-07 00:00:00.0
Facility name: CON EDISON
Facility address: 94TH AVE & LIVERPOOL AVE
JAMAICA, NY 11435
EPA ID: NYP004745642
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

CON EDISON (Continued) **1018279722**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-03-07 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator
Violation Status:	No violations found

AK368 **CON EDISON** **NY MANIFEST** **S117060447**
North **149-23 JAMAICA AVE FRONT OF** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.206 mi.
1090 ft. **Site 5 of 10 in cluster AK**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	149-23 JAMAICA AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004526729
Facility Status:	Not reported
Location Address 1:	149-23 JAMAICA AV
Code:	BP
Location Address 2:	SB44831
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004526729
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10001
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported

CON EDISON (Continued) **S117060447**

Generator Ship Date:	09/18/2015
Trans1 Recv Date:	09/18/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/22/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004526729
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014460301JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK369 **CON EDISON** **RCRA NonGen / NLR** **1019907955**
North **149-23 JAMAICA AVE** **NYP004840290**
1/8-1/4 **JAMAICA, NY 11435**
0.206 mi.
1090 ft. **Site 6 of 10 in cluster AK**

Relative: RCRA NonGen / NLR:
Higher

Date form received by agency:	2015-09-18 00:00:00.0
Facility name:	CON EDISON
Facility address:	149-23 JAMAICA AVE JAMAICA, NY 11435
EPA ID:	NYP004840290

Actual:
49 ft.

CON EDISON (Continued) **1019907955**

Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-09-18 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AK370 **CON EDISON** **RCRA NonGen / NLR** **1017774854**
North **149-23 JAMAICA AVE** **FINDS** **NYP004526729**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.206 mi.
1090 ft. **Site 7 of 10 in cluster AK**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:
Date form received by agency: 2014-06-09 00:00:00.0
Facility name: CON EDISON SERVICE BOX: 44831
Facility address: 149-23 JAMAICA AVE FRONT OF
JAMAICA, NY 11435
EPA ID: NYP004526729
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator

CON EDISON (Continued) **1017774854**

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-05-09 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-05-09 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110069649624

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

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

ECHO:
Envid: 1017774854
Registry ID: 110069649624
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069649624

AL371 **CON EDISON SERVICE BOX: 6092** **RCRA NonGen / NLR** **1016965602**
West **94-08 LIVERPOOL ST FRONT OF** **NY MANIFEST** **NYP004384731**
1/8-1/4 **JAMAICA, NY 11435**
0.207 mi.
1091 ft. **Site 10 of 11 in cluster AL**

Relative:
Higher

Actual:
46 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-12-04 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 6092
Facility address:	94-08 LIVERPOOL ST FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004384731
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-11-04 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 6092
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	94-08 LIVERPOOL ST FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004384731
Facility Status:	Not reported
Location Address 1:	OPP 9408 LIVERPOOL ST
Code:	BP
Location Address 2:	SB 6092
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 6092 (Continued) **1016965602**

Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004384731
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2013
Trans1 Recv Date:	11/04/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/07/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004384731
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002298556GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	25
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 6092 (Continued) **1016965602**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK372 **CON EDISON** **NY MANIFEST** **S118087448**
NNW **149-13 JAMAICA AVE FRONT OF** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.207 mi.
1095 ft. **Site 8 of 10 in cluster AK**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	149-13 JAMAICA AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004526737
Facility Status:	Not reported
Location Address 1:	149-15 JAMAICA AV
Code:	BP
Location Address 2:	SB58441
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004526737
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10001
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05/09/2014
Trans1 Recv Date:	05/09/2014

CON EDISON (Continued) **S118087448**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004526737
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002417801GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK373 **CON EDISON SERVICE BOX: 58441** **RCRA NonGen / NLR** **1017774855**
NNW **149-13 JAMAICA AVE FRONT OF** **FINDS** **NYP004526737**
1/8-1/4 **JAMAICA, NY 11435**
0.207 mi.
1095 ft. **Site 9 of 10 in cluster AK**

Relative: **Higher**
Actual: **49 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2014-06-09 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 58441
Facility address:	149-13 JAMAICA AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004526737
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003

CON EDISON SERVICE BOX: 58441 (Continued) **1017774855**

Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-05-09 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-05-09 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063795317

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

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

AO374 **NEW QUEENS FAMILY COURT** **NY AST** **A100354072**
NNE **151-20 JAMAICA AVENUE** **N/A**
1/8-1/4 **QUEENS, NY 11432**
0.209 mi.
1103 ft. **Site 1 of 7 in cluster AO**

Relative:
Higher

Actual:
47 ft.

AST:

Name:	NEW QUEENS FAMILY COURT
Address:	151-20 JAMAICA AVENUE
City,State,Zip:	QUEENS, NY 11432
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610545
Program Type:	PBS
UTM X:	601090.12155
UTM Y:	4506405.73918
Expiration Date:	01/27/2023
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	380368
Affiliation Type:	Facility Owner
Company Name:	DCAS - JOSEPH WAGNER CHIEF ENGINEER
Contact Type:	CHIEF ENGINEER
Contact Name:	JOSEPH WAGNER
Address1:	1 CENTRE STREET, 18TH FLOOR NORTH
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10007
Country Code:	001
Phone:	(212) 386-0481
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2018-01-29

Site Id:	380368
Affiliation Type:	Mail Contact
Company Name:	DCAS - JOSEPH WAGNER CHIEF ENGINEER
Contact Type:	Not reported
Contact Name:	ROBERT SANTIAGO
Address1:	1 CENTRE STREET
Address2:	18TH FLOOR NORTH
City:	NEW YORK
State:	NY
Zip Code:	10007
Country Code:	001
Phone:	(212) 386-6340
EMail:	RSANTIAGO@DCASNYC.GOV
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2018-06-05

Site Id:	380368
Affiliation Type:	Facility Operator
Company Name:	NEW QUEENS FAMILY COURT
Contact Type:	Not reported
Contact Name:	JOHN SNODDY

NEW QUEENS FAMILY COURT (Continued) **A100354072**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 262-8015
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2012-05-30

Site Id:	380368
Affiliation Type:	Emergency Contact
Company Name:	DCAS - JOSEPH WAGNER CHIEF ENGINEER
Contact Type:	Not reported
Contact Name:	ROBERT SANTIAGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 772-0529
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2018-01-29

Tank Info:

Tank Number:	01
Tank Id:	236806
Material Code:	2711
Common Name of Substance:	Biodiesel (Heating, On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/25/2003
Capacity Gallons:	5000

NEW QUEENS FAMILY COURT (Continued) **A100354072**

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 01/29/2018
Material Name: biodiesel (heating, on-site consumption)

Tank Number: 02
Tank Id: 236807
Material Code: 2711
Common Name of Substance: Biodiesel (Heating, On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/25/2003
Capacity Gallons: 5000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 01/29/2018
Material Name: biodiesel (heating, on-site consumption)

Tank Number: 03
Tank Id: 236808
Material Code: 2711
Common Name of Substance: Biodiesel (Heating, On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

NEW QUEENS FAMILY COURT (Continued) **A100354072**

L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
C01 - Pipe Location - Aboveground
G01 - Tank Secondary Containment - Diking (Aboveground)
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	09/26/2003
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	01/29/2018
Material Name:	biodiesel (heating, on-site consumption)

Tank Number:	72/5000
Tank Id:	216910
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/27/2003
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	other

AI375 **CON EDISON SERVICE BOX: 68743** **RCRA NonGen / NLR** **1016966840**
NW **146-17 ARCHER AVE FRONT OF** **NY MANIFEST** **NYP004396792**
1/8-1/4 **JAMAICA, NY 11435**
0.214 mi.
1131 ft. **Site 12 of 12 in cluster AI**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-12-22 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 68743
Facility address:	146-17 ARCHER AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004396792
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-11-22 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 68743
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	146-17 ARCHER AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004396792
Facility Status:	Not reported
Location Address 1:	OPP SIDE OF 146-17 ARCHER AVE
Code:	BP
Location Address 2:	SB68743
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 68743 (Continued) **1016966840**

Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004396792
Mailing Name:	CON EDISON
Mailing Contact:	C
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/22/2013
Trans1 Recv Date:	11/22/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/25/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004396792
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002299932GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 68743 (Continued) **1016966840**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK376 **CON EDISON - MANHOLE M13605** **NY MANIFEST** **S120958674**
NNW **149-01 JAMAICA AVE** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.216 mi.
1141 ft. **Site 10 of 10 in cluster AK**

Relative:
Higher

Actual:
51 ft.

NY MANIFEST:

Name:	CON EDISON - MANHOLE M13605
Address:	149-01 JAMAICA AVE
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004955751
Facility Status:	Not reported
Location Address 1:	149-01 JAMAICA AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004955751
Mailing Name:	CON EDISON - MANHOLE M13605
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AJ377 **FDA - QUEENS** **NJ MANIFEST** **S120678718**
ENE **158-15 LIBERTY AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.218 mi.
1153 ft. **Site 2 of 7 in cluster AJ**

Relative:
Lower

Actual:
37 ft.

NJ MANIFEST:

EPA Id:	NYR000085233
Mail Address:	LIBERTY AVE
Mail City/State/Zip:	JAMAICA, NY 11433
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	PATRICK J MCGOVERN
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	015276890JJK
EPA ID:	NYR000085233
Date Shipped:	2/18/2016
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

FDA - QUEENS (Continued) **S120678718**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11433
Reason Load Was Rejected:	Not reported

AJ378 **US CUSTOMS LABORATORY** **RCRA-VSQG** **1004763040**
ENE **158-15 LIBERTY AVE REAR OF 1ST FLR** **FINDS** **NYR000103002**
1/8-1/4 **JAMAICA, NY 11433** **ECHO**
0.218 mi.
1153 ft. **Site 3 of 7 in cluster AJ**

Relative:
Lower

Actual:
37 ft.

RCRA-VSQG:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	US CUSTOMS LABORATORY
Facility address:	158-15 LIBERTY AVE REAR OF 1ST FLR JAMAICA, NY 11433
EPA ID:	NYR000103002
Mailing address:	LIBERTY AVE REAR 1ST FL JAMAICA, NY 11433
Contact:	THOMAS GOVERNO
Contact address:	LIBERTY AVE REAR 1ST FL JAMAICA, NY 11433
Contact country:	US
Contact telephone:	718-662-5801
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	FDA QUEENS LP
Owner/operator address:	158-15 LIBERTY AVE JAMAICA, NY 11433
Owner/operator country:	US
Owner/operator telephone:	718-658-5903
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

US CUSTOMS LABORATORY (Continued) **1004763040**

Owner/Operator Type: Operator
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: FDA QUEENS LP
Owner/operator address: 158-15 LIBERTY AVE
JAMAICA, NY 11433
Owner/operator country: US
Owner/operator telephone: 718-658-5903
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2001-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: US CUSTOMS LABORATORY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2004-01-15 00:00:00.0
Site name: US CUSTOMS LABORATORY
Classification: Not a generator, verified

Date form received by agency: 2001-12-18 00:00:00.0
Site name: US CUSTOMS LABORATORY
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002

US CUSTOMS LABORATORY (Continued) **1004763040**

. Waste name: CORROSIVE WASTE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 2003-07-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110012190841

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

US CUSTOMS LABORATORY (Continued) **1004763040**

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

ECHO:
Envid: 1004763040
Registry ID: 110012190841
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012190841

AJ379 **DEPARTMENT OF HOMELAND SECURITY** **NY MANIFEST** **S119078771**
ENE **158-15 LIBERTY AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.218 mi.
1153 ft. **Site 4 of 7 in cluster AJ**

Relative:
Lower

Actual:
37 ft.

NY MANIFEST:
Name: DEPARTMENT OF HOMELAND SECURITY
Address: 158-15 LIBERTY AVE
City,State,Zip: JAMAICA, NY 11433
Country: USA
EPA ID: NYR000103002
Facility Status: Not reported
Location Address 1: 158 15 LIBERTY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: JAMAICA
Location State: NY
Location Zip: 11433
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000103002
Mailing Name: DEPARTMENT OF HOMELAND SECURITY
Mailing Contact: PATRICIA GAFNEY
Mailing Address 1: 158 15 LIBERTY AVENUE
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11433
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186625802

NY MANIFEST:
Document ID: NYG4285701
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: MAJ68855
Trans2 State ID: Not reported
Generator Ship Date: 02/04/2004
Trans1 Recv Date: 02/04/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/09/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported

DEPARTMENT OF HOMELAND SECURITY (Continued) **S119078771**

Generator EPA ID:	NYR000103002
Trans1 EPA ID:	MAD985286988
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD077444
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00007
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U196 - PYRIDINE
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00110
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AJ380 **FDA - QUEENS** **RCRA-LQG** **1001961702**
ENE **158-15 LIBERTY AVENUE** **NY Spills** **NYR000085233**
1/8-1/4 **JAMAICA, NY 11433** **FINDS**
0.218 mi. **ECHO**
1153 ft. **Site 5 of 7 in cluster AJ** **NY MANIFEST**

Relative: RCRA-LQG:
Lower

Date form received by agency:	2016-02-05 00:00:00.0
Facility name:	FDA - QUEENS
Facility address:	158-15 LIBERTY AVENUE JAMAICA, NY 11433
EPA ID:	NYR000085233
Mailing address:	LIBERTY AVENUE

Actual:
37 ft.

FDA - QUEENS (Continued) **1001961702**

JAMAICA, NY 11433
Contact: ALLAN L BOBADILLA
Contact address: LIBERTY AVENUE
JAMAICA, NY 11433
Contact country: US
Contact telephone: 718-340-7178
Contact email: ALLAN.BOBADILLA@FDA.HHS.GOV
EPA Region: 02
Land type: Federal
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: FDA - QUEENS, LP
Owner/operator address: LIBERTY AVENUE
JAMAICA, NY 11433
Owner/operator country: US
Owner/operator telephone: 718-340-7175
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 1999-10-20 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: FDA - QUEENS
Owner/operator address: LIBERTY AVE
JAMAICA, NY 11433
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 1999-10-20 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: HINES GS PROPERTIES INC
Owner/operator address: 885 3RD AVE SUITE 2700
NEW YORK, NY 10022
Owner/operator country: Not reported
Owner/operator telephone: 212-230-2300
Owner/operator email: Not reported
Owner/operator fax: Not reported

FDA - QUEENS (Continued) **1001961702**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-01-01 00:00:00.0
Site name: F D A QUEENS
Classification: Small Quantity Generator

Date form received by agency: 2006-01-01 00:00:00.0
Site name: F D A QUEENS
Classification: Small Quantity Generator

Date form received by agency: 2004-07-30 00:00:00.0
Site name: F D A QUEENS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2000-03-02 00:00:00.0
Site name: FOOD & DRUG ADMINISTRATION
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

FDA - QUEENS (Continued) **1001961702**

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P077
. Waste name: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

FDA - QUEENS (Continued) **1001961702**

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	6051
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	1926
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs):	1386
Waste code:	D004
Waste name:	ARSENIC
Amount (Lbs):	1386
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	1386
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	1386
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	1386
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	1386
Waste code:	D009
Waste name:	MERCURY
Amount (Lbs):	1386
Waste code:	D010

FDA - QUEENS (Continued) **1001961702**

Waste name: SELENIUM
Amount (Lbs): 1386

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 350

Waste code: D024
Waste name: M-CRESOL
Amount (Lbs): 167

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 350

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 4379

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 2

Waste code: P077
Waste name: BENZENAMINE, 4-NITRO-
Amount (Lbs): 1

Waste code: U115
Waste name: ETHYLENE OXIDE (I,T)
Amount (Lbs): 5

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2015-10-26 00:00:00.0
Date achieved compliance: 2016-02-18 00:00:00.0
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL

FDA - QUEENS (Continued) **1001961702**

Enforcement action date: 2015-10-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 2015-10-26 00:00:00.0
Date achieved compliance: 2016-02-18 00:00:00.0
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 2015-10-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 2015-10-26 00:00:00.0
Date achieved compliance: 2016-02-18 00:00:00.0
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 2015-10-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 2015-10-26 00:00:00.0
Date achieved compliance: 2016-02-18 00:00:00.0
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 2015-10-26 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(3)(ii),(B)(5)(ii)
Area of violation: Generators - General
Date violation determined: 2003-06-20 00:00:00.0
Date achieved compliance: 2003-09-04 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2003-07-30 00:00:00.0

FDA - QUEENS (Continued) **1001961702**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 373-3.9(e)
Area of violation: Generators - General
Date violation determined: 2003-06-20 00:00:00.0
Date achieved compliance: 2003-09-04 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2003-07-30 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(8)(iii)
Area of violation: Generators - General
Date violation determined: 2003-06-20 00:00:00.0
Date achieved compliance: 2003-09-04 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2003-07-30 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(2)
Area of violation: Generators - General
Date violation determined: 2003-06-20 00:00:00.0
Date achieved compliance: 2003-09-04 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2003-07-30 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 373-3.3(g)(1)
Area of violation: Generators - General
Date violation determined: 2003-06-20 00:00:00.0
Date achieved compliance: 2003-10-27 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2003-07-30 00:00:00.0
Enf. disposition status: Not reported

FDA - QUEENS (Continued) **1001961702**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(a)(8)(iii)(e)('1')
Area of violation: Generators - General
Date violation determined: 2003-06-20 00:00:00.0
Date achieved compliance: 2003-09-04 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2003-07-30 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2015-10-26 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 2016-02-18 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2015-10-26 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 2016-02-18 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2015-10-26 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2016-02-18 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2015-10-26 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 2016-02-18 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2014-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 2003-06-20 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2003-09-04 00:00:00.0
Evaluation lead agency: State

FDA - QUEENS (Continued) **1001961702**

Evaluation date: 2003-06-20 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2003-10-27 00:00:00.0
Evaluation lead agency: State

SPILLS:
Name: FOOD AND DRUG ADMIN
Address: 158-15 LIBERTY AVENUE
City,State,Zip: JAMAICA, NY
Spill Number/Closed Date: 9910102 / 1999-11-22
Facility ID: 9910102
Facility Type: ER
DER Facility ID: 242906
Site ID: 300281
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 4101
Spill Date: 1999-11-19
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1999-11-19
CID: 371
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-11-19
Spill Record Last Update: 1999-11-22
Spiller Name: CALLER
Spiller Company: CENTURY PETROLEUM
Spiller Address: 147 GAZZA BOULEVARD
Spiller Company: 001
Contact Name: GREG SABATER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD Cleaned-up by the spiller."
Remarks: "possible faulty valve on tank - may or may not be human error...5 to 10 gals, clean up has begun."

All Materials:
Site ID: 300281
Operable Unit ID: 1088803
Operable Unit: 01
Material ID: 299163
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

FDA - QUEENS (Continued) **1001961702**

FINDS:

Registry ID: 110004561705

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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

HAZARDOUS WASTE BIENNIAL REPORTER

AIR MINOR

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid:	1001961702
Registry ID:	110004561705
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004561705

NY MANIFEST:

Name:	FDA-NORTHEAST REGIONAL LAB
Address:	158-15 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Country:	USA
EPA ID:	NYR000085233
Facility Status:	Not reported

FDA - QUEENS (Continued) **1001961702**

Location Address 1:	158-15 LIBERTY AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11433
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000085233
Mailing Name:	FDA-NORTHEAST REGIONAL LAB
Mailing Contact:	SAMUEL MATTHEW
Mailing Address 1:	158-15 LIBERTY AVE
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11433
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183407000

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	MAC300016672
Trans2 State ID:	OHD980614374
Generator Ship Date:	06/06/2018
Trans1 Recv Date:	06/06/2018
Trans2 Recv Date:	06/12/2018
TSD Site Recv Date:	06/22/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000085233
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD048415665
TSDF ID 2:	Not reported
Manifest Tracking Number:	011515522FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H040
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

FDA - QUEENS (Continued) **1001961702**

Waste Code:	Not reported
Quantity:	8
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D002
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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

AJ381 **FDA QUEENS L.P** **NY UST** **U004046734**
ENE **158-15 LIBERTY AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.218 mi.
1153 ft. **Site 6 of 7 in cluster AJ**

Relative:
Lower

Actual:
37 ft.

UST:

Name:	FERDERAL DRUG ADMINISTRATION QUEENS, LP
Address:	158-15 LIBERTY AVE
City,State,Zip:	JAMAICA, NY 11433
Id/Status:	2-607827 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601490.91043
UTM Y:	4506132.52871
Site Type:	Other

Affiliation Records:

Site Id:	29679
Affiliation Type:	Facility Owner
Company Name:	FEFERAL DRUG ADMINISTRATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	158-15 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 658-5903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29679
Affiliation Type:	Mail Contact
Company Name:	FEDERAL DRUG ADMINISTRAITON

FDA QUEENS L.P (Continued) **U004046734**

Contact Type:	Not reported
Contact Name:	PATRICK MC GOVER
Address1:	158-15 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11433
Country Code:	001
Phone:	(718) 658-5903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29679
Affiliation Type:	Facility Operator
Company Name:	FERDERAL DRUG ADMINISTRATION QUEENS, LP
Contact Type:	Not reported
Contact Name:	PATRICK MC GOVERN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-5903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29679
Affiliation Type:	Emergency Contact
Company Name:	FEFERAL DRUG ADMINISTRATION
Contact Type:	Not reported
Contact Name:	PATRICK MC GOVERN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-5903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	#1
Tank ID:	63726
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	10/19/1999
Date Tank Closed:	Not reported

FDA QUEENS L.P (Continued) **U004046734**

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MFLEONAR
Last Modified: 08/16/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: #2
Tank ID: 63727
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 25000
Install Date: 10/19/1999
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MFLEONAR
Last Modified: 08/16/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

FDA QUEENS L.P (Continued) **U004046734**

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser

Tank Number: 001
Tank ID: 63589
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 25000
Install Date: 05/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DXLIVING
Last Modified: 04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 63590
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 10000
Install Date: 05/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

FDA QUEENS L.P (Continued) **U004046734**

Modified By: DXLIVING
Last Modified: 04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Affiliation Records:

Site Id: 29735
Affiliation Type: Facility Owner
Company Name: FDA QUEENS L.P.
Contact Type: GENERAL PROPERTY MANAGER
Contact Name: WILLIAM GUSTAVSON
Address1: 158-15 LIBERTY AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11433
Country Code: 001
Phone: (718) 658-5903
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-08-16

Site Id: 29735
Affiliation Type: Mail Contact
Company Name: HINES GS PROPERTIES INC
Contact Type: Not reported
Contact Name: WILLIAM GUSTAVSON
Address1: 158-15 LIBERTY AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11433
Country Code: 001
Phone: (718) 658-5903
EMail: BILL.GUSTAVSON@HINES.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-08-16

Site Id: 29735
Affiliation Type: Facility Operator
Company Name: FDA QUEENS L.P
Contact Type: Not reported
Contact Name: WILLIAM GUSTAVSON
Address1: Not reported

FDA QUEENS L.P (Continued) **U004046734**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-5903
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-16

Site Id:	29735
Affiliation Type:	Emergency Contact
Company Name:	FDA QUEENS L.P.
Contact Type:	Not reported
Contact Name:	WILLIAM GUSTAVSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 662-5401
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-16

Tank Info:

Tank Number:	#1
Tank ID:	63726
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	10/19/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	08/16/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

FDA QUEENS L.P (Continued) **U004046734**

L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	#2
Tank ID:	63727
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	25000
Install Date:	10/19/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	08/16/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser

Tank Number:	001
Tank ID:	63589
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	25000
Install Date:	05/01/2001
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

FDA QUEENS L.P (Continued) **U004046734**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DXLIVING
Last Modified: 04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 63590
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 10000
Install Date: 05/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DXLIVING
Last Modified: 04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

AP382 **CON EDISON SERVICE BOX: 10719** **RCRA NonGen / NLR** **1017771565**
NW **147-20 JAMAICA AVE FRONT OF** **FINDS** **NYP004485058**
1/8-1/4 **JAMAICA, NY 11435**
0.219 mi.
1158 ft. **Site 1 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-05-01 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 10719
Facility address:	147-20 JAMAICA AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004485058
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-04-01 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Date form received by agency:	2014-04-01 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063783419

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

CON EDISON SERVICE BOX: 10719 (Continued) **1017771565**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

AP383 **CON EDISON** **NY MANIFEST** **S116297032**
NW **147-20 JAMAICA AVE FRONT OF** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.219 mi.
1158 ft. **Site 2 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	147-20 JAMAICA AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004485058
Facility Status:	Not reported
Location Address 1:	147-20 JAMAICA AVE
Code:	BP
Location Address 2:	SB 10719
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004485058
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/01/2014
Trans1 Recv Date:	04/01/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004485058

CON EDISON (Continued) **S116297032**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002360999GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AP384 **CON ED** **NY MANIFEST** **S118463576**
NW **147-20 JAMAICA AVE** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.219 mi.
1158 ft. **Site 3 of 9 in cluster AP**

Relative: **Higher**

Actual: **49 ft.**

NY MANIFEST:

Name:	CON ED
Address:	147-20 JAMAICA AVE
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004853780
Facility Status:	Not reported
Location Address 1:	147-20 JAMAICA AVE
Code:	BP
Location Address 2:	SB 10719
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY

CON ED (Continued) **S118463576**

Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004853780
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/15/2015
Trans1 Recv Date: 10/15/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/15/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004853780
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013245076JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.

CON ED (Continued) **S118463576**

Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AQ385 **CON EDISON** **RCRA NonGen / NLR** **1019905174**
ESE **SOUTH RD & 155TH ST** **FINDS** **NYP004806675**
1/8-1/4 **JAMAICA, NY 11433** **ECHO**
0.223 mi.
1177 ft. **Site 1 of 7 in cluster AQ**

Relative:
Lower

Actual:
32 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-07-14 00:00:00.0
Facility name:	CON EDISON
Facility address:	SOUTH RD & 155TH ST JAMAICA, NY 11433
EPA ID:	NYP004806675
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-14 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator

CON EDISON (Continued) **1019905174**

Violation Status: No violations found

FINDS:

Registry ID: 110069670788

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

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

ECHO:
Envid: 1019905174
Registry ID: 110069670788
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069670788

AQ386 **CON EDISON** **NJ MANIFEST** **S120673878**
ESE **SOUTH RD & 155TH ST** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.223 mi.
1177 ft. **Site 2 of 7 in cluster AQ**

Relative: **Lower**
Actual: **32 ft.**

NJ MANIFEST:
EPA Id: NYP004806675
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY081
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 014469431JJK
EPA ID: NYP004806675
Date Shipped: 7/14/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported

CON EDISON (Continued) **S120673878**

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

AP387 **SCACCIA JAMAICA PLANT** **NY UST** **U001835326**
NW **147-16 JAMAICA AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.223 mi.
1180 ft. **Site 4 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

UST:

Name:	SCACCIA JAMAICA PLANT
Address:	147-16 JAMAICA AVE
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-277975 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	600718.24337
UTM Y:	4506337.73008
Site Type:	Unknown

Affiliation Records:

Site Id:	12031
Affiliation Type:	Facility Owner
Company Name:	SCACCIA CONCRETE CORP
Contact Type:	Not reported
Contact Name:	Not reported

SCACCIA JAMAICA PLANT (Continued) **U001835326**

Address1:	570 ELMONT RD
Address2:	Not reported
City:	ELMONT
State:	NY
Zip Code:	11003
Country Code:	001
Phone:	(516) 775-0300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12031
Affiliation Type:	Mail Contact
Company Name:	147-16 REALTY CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	30-32 STEINWAY ST
Address2:	Not reported
City:	LONG ISLAND
State:	NY
Zip Code:	11103
Country Code:	001
Phone:	(516) 775-0300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12031
Affiliation Type:	Facility Operator
Company Name:	SCACCIA JAMAICA PLANT
Contact Type:	Not reported
Contact Name:	SCACCIA CONCRETE CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-3150
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12031
Affiliation Type:	Emergency Contact
Company Name:	SCACCIA CONCRETE CORP
Contact Type:	Not reported
Contact Name:	ANTHONY SCACCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

SCACCIA JAMAICA PLANT (Continued) **U001835326**

Phone:	(516) 775-0300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	14348
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	4000
Install Date:	08/01/1979
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	ajsigona
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	14349
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	1080
Install Date:	06/01/1981
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

SCACCIA JAMAICA PLANT (Continued) **U001835326**

Modified By: ajsigona
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 14350
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 2000
Install Date: 08/01/1979
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: ajsigona
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Number: 004
Tank ID: 14351
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 08/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

SCACCIA JAMAICA PLANT (Continued) **U001835326**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

AR388 **CON EDISON** **RCRA NonGen / NLR** **1018277501**
NW **91-04 SUTPHIN BLVD** **FINDS** **NYP004399507**
1/8-1/4 **JAMAICA, NY 11435** **ECHO**
0.224 mi.
1184 ft. **Site 1 of 2 in cluster AR**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:
Date form received by agency: 2013-12-04 00:00:00.0
Facility name: CON EDISON
Facility address: 91-04 SUTPHIN BLVD
JAMAICA, NY 11435
EPA ID: NYP004399507
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

CON EDISON (Continued) **1018277501**

Historical Generators:
Date form received by agency: 2013-12-04 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067680708

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

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

ECHO:
Envid: 1018277501
Registry ID: 110067680708
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067680708

AR389 **CON EDISON** **NY MANIFEST** **S118708165**
NW **91-04 SUTPHIN BLVD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.224 mi.
1184 ft. **Site 2 of 2 in cluster AR**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:
Name: CON EDISON
Address: 91-04 SUTPHIN BLVD
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004399507
Facility Status: Not reported
Location Address 1: 91-04 STUPHIN BLVD
Code: BP
Location Address 2: SB19950
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11432
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004399507
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY

CON EDISON (Continued) **S118708165**

Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/04/2013
Trans1 Recv Date:	12/04/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/06/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004399507
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002237319GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S118708165**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AP390 **CON EDISON - MANHOLE 19803** **NY MANIFEST** **S120958975**
NW **147 ST & JAMAICA AVE** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.225 mi.
1188 ft. **Site 5 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON - MANHOLE 19803
Address:	147 ST & JAMAICA AVE
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004981062
Facility Status:	Not reported
Location Address 1:	147 ST & JAMAICA AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004981062
Mailing Name:	CON EDISON - MANHOLE 19803
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AS391 **CON EDISON MANHOLE: 2945** **RCRA NonGen / NLR** **1016965867**
SSW **101ST AVE & LIVERPOOL ST NW** **NY MANIFEST** **NYP004387254**
1/8-1/4 **JAMAICA, NY 11435**
0.225 mi.
1190 ft. **Site 1 of 2 in cluster AS**

Relative:
Higher

Actual:
41 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-12-07 00:00:00.0
Facility name:	CON EDISON MANHOLE: 2945
Facility address:	101ST AVE & LIVERPOOL ST NW COR JAMAICA, NY 11435
EPA ID:	NYP004387254
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003

CON EDISON MANHOLE: 2945 (Continued) **1016965867**

Contact:	THOMAS TEELING
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-11-07 00:00:00.0
Site name:	CON EDISON MANHOLE: 2945
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	101ST AVE & LIVERPOOL ST NW
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004387254
Facility Status:	Not reported
Location Address 1:	N/W/C 101 AVE & LIVERPOOL ST
Code:	BP
Location Address 2:	SB2945
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004387254
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK

CON EDISON MANHOLE: 2945 (Continued) **1016965867**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/07/2013
Trans1 Recv Date:	11/07/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/15/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004387254
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002298546GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON MANHOLE: 2945 (Continued) **1016965867**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AJ392 **K - JAMAICA HOLDER STATION** **NY SHWS** **S109580113**
ENE **158TH ST. & LIBERTY AVE.** **NY BROWNFIELDS** **N/A**
1/8-1/4 **QUEENS, NY 11451**
0.225 mi.
1190 ft. **Site 7 of 7 in cluster AJ**

Relative: **Lower**

Actual: **37 ft.**

SHWS:

Name:	K - JAMAICA HOLDER STATION
Address:	158TH ST. & LIBERTY AVE.
City,State,Zip:	QUEENS, NY 11451
Program:	HW
Site Code:	378996
Classification:	C
Region:	2
Acres:	3.3
HW Code:	241062
Record Add:	03/27/2007
Record Upd:	04/12/2013
Updated By:	BXANDERS
Site Description:	Location: The Jamaica Holder Station is comprised of two parcels of land near Liberty Avenue in Queens, New York, Queens County. The site is between 158th and 159th Streets. Site Features: The FDA building, parking, and the Nursing Science Building of York College CUNY are located on the site. Current Zoning/Use(s): The current land use for the parcels includes a college building and Federal Building. Past Use of the Site: The site operated as a gas distribution facility from 1944 to 1975. There was a 10.6 millon cubic foot tar-sealed, remote gas distribution holder, a boiler room, and an office. The site was operated by Brooklyn Union Gas (BUG), a predecessor company to National Grid. BUG sold the property in 1987. Geology and Hydrogeology: Site geology consists of two unconsolidated units varying in thickness across the site. These units consist of fill ranging from 2.5 feet to 11 feet below ground surface, and well-graded sand ranging from 2.5 to greater than 45 feet below ground surface. Groundwater was encountered at depths ranging from approximately 11 to 34 feet below ground surface. The flow is northeast to southwest.
Env Problem:	Prior to Remediation: Based upon investigations conducted to date, there are no contaminants of concern at the site. Soil- There were no detections of contaminants above SCOs. Groundwater - There was only one PAH constituent (benzo(a)anthracene) detected above standards, at a concentration of 0.002 ug/L. The Site Characterization Report was approved in January 2013, with No Further Action for the site.
Health Problem:	Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. Contaminated groundwater at the site is not used for drinking water or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination.
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported

K - JAMAICA HOLDER STATION (Continued) **S109580113**

Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	241062
Waste Type:	COAL TAR
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

BROWNFIELDS:

Name:	K - JAMAICA HOLDER STATION
Address:	158TH ST. & LIBERTY AVE
City,State,Zip:	QUEENS, NY 11451-
Program:	BCP
Site Code:	57405
Acres:	3.3
HW Code:	C241062
SWIS:	4101
Town:	New York City
Record Added Date:	05/19/2004
Record Updated Date:	11/01/2011
Update By:	SMWITHER
Site Description:	See Site 241062
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported

K - JAMAICA HOLDER STATION (Continued) **S109580113**

Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AO393 **CON EDISON SERVICE BOX: 11291** **RCRA NonGen / NLR** **1017774415**
NNE **152-27 JAMAICA AVE SB11291** **FINDS** **NYP004522264**
1/8-1/4 **JAMAICA, NY 11432**
0.226 mi.
1191 ft. **Site 2 of 7 in cluster AO**

Relative:
Higher

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-06-06 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 11291
Facility address:	152-27 JAMAICA AVE SB11291 JAMAICA, NY 11432
EPA ID:	NYP004522264
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON SERVICE BOX: 11291 (Continued) **1017774415**

Historical Generators:
Date form received by agency: 2014-05-06 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-05-06 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063773545

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

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

AO394 **CON EDISON** **NY MANIFEST** **S117060021**
NNE **152-27 JAMAICA AVE SB11291** **N/A**
1/8-1/4 **JAMAICA, NY 11432**
0.226 mi.
1191 ft. **Site 3 of 7 in cluster AO**

Relative:
Higher

Actual:
47 ft.

NY MANIFEST:
Name: CON EDISON
Address: 152-27 JAMAICA AVE SB11291
City,State,Zip: JAMAICA, NY 11432
Country: USA
EPA ID: NYP004522264
Facility Status: Not reported
Location Address 1: OPP 153-17 JAMAICA AVE
Code: BP
Location Address 2: SB 11241
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11432
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004522264
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003

CON EDISON (Continued) **S117060021**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05/06/2014
Trans1 Recv Date:	05/06/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004522264
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002417819GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AQ395 **T N T RECYCLING** **NY SWRCY** **S123268042**
ESE **154-20 SOUTH AVENUE** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.226 mi.
1192 ft. **Site 3 of 7 in cluster AQ**

Relative: **Lower**
Actual: **31 ft.**

SWRCY:

Name:	T N T RECYCLING
Address:	154-20 SOUTH AVENUE
City,State,Zip:	JAMAICA, NY 11433
Region:	2
Facility Address 2:	Not reported
Phone Number:	7185264594
Owner Type:	Not reported
Owner Name:	T N T Recycling LLC
Owner Address:	154-20 South Road
Owner Address 2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11433
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Timothy Fulton
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	barbara@tntscrap.com
Contact Phone:	7183664017
Activity Desc:	RHRF - exempt (non-VDF)
Activity Number:	[41M00]
Active:	No
East Coordinate:	601420
North Coordinate:	4505758
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

AQ396 **T&T RECYCLING** **NY SWRCY** **S117392703**
ESE **154-20 SOUTH ROAD** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.226 mi.
1192 ft. **Site 4 of 7 in cluster AQ**

Relative: **Lower**
Actual: **31 ft.**

SWRCY:

Name:	T&T RECYCLING
Address:	154-20 SOUTH ROAD
City,State,Zip:	JAMAICA, NY 11433
Region:	2
Facility Address 2:	Not reported
Phone Number:	7186583311
Owner Type:	Private
Owner Name:	Nationwide Scrap LLC
Owner Address:	154-20 South Road
Owner Address 2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11433
Owner Email:	Not reported

T&T RECYCLING (Continued) **S117392703**

Owner Phone:	7186583311
Contact Name:	Nationwide Scrap LLC
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	nationwidescrap@yahoo.com
Contact Phone:	7184565000
Activity Desc:	RHRF - registration
Activity Number:	[41M21]
Active:	No
East Coordinate:	601446
North Coordinate:	4505772
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	41M21
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Source Separated Recyclables (Metal/Glass/Paper/Plastic);Paper / Cardboard;Metals (Ferrous);Metals (Non-Ferrous);Plastics
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

AQ397 **NATIONWIDE SCRAP** **NY SWRCY** **S108294070**
ESE **154-20 SOUTH ROAD** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.226 mi.
1192 ft. **Site 5 of 7 in cluster AQ**

Relative: **Lower**
Actual: **31 ft.**

SWRCY:

Name:	NATIONWIDE SCRAP
Address:	154-20 SOUTH ROAD
City,State,Zip:	JAMAICA, NY 11433
Region:	2
Facility Address 2:	Not reported
Phone Number:	7186583311
Owner Type:	Private
Owner Name:	Nationwide Scrap LLC
Owner Address:	154-20 South Road
Owner Address 2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11433
Owner Email:	Not reported
Owner Phone:	7186583311
Contact Name:	Nationwide Scrap LLC
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	nationwidescrap@yahoo.com
Contact Phone:	7186583311
Activity Desc:	RHRF - registration
Activity Number:	[41M21]
Active:	No
East Coordinate:	601422
North Coordinate:	4505744
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	41M21
Auth. Date:	Not reported

NATIONWIDE SCRAP (Continued) **S108294070**

Expiration Date:	Not reported
Waste Types:	Glass;Commingled Paper;Metals (Aluminum);Metals (Non-Ferrous);Metals (Ferrous)
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

AQ398 **NATIONWIDE RECYCLING CENTER** **NY SWRCY** **S105842306**
ESE **154-20 SOUTH ROAD** **N/A**
1/8-1/4 **JAMAICA, NY 11433**
0.226 mi.
1192 ft. **Site 6 of 7 in cluster AQ**

Relative: **Lower**

Actual: **31 ft.**

SWRCY:

Name:	NATIONWIDE RECYCLING CENTER
Address:	154-20 SOUTH ROAD
City,State,Zip:	JAMAICA, NY 11433
Region:	2
Facility Address 2:	Not reported
Phone Number:	7185260100
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	MARIO REALI
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M21]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-6307-00124
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Frank Tuozzo
Operator Type:	Not reported
Last Date:	Not reported

AP399 **CON EDISON SERVICE BOX: 44829** **RCRA NonGen / NLR** **1016972307**
NNW **148-05 JAMAICA AVE FRONT OF** **NY MANIFEST** **NYP004460754**
1/8-1/4 **JAMAICA, NY 11435**
0.226 mi.
1192 ft. **Site 6 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-04-07 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 44829
Facility address:	148-05 JAMAICA AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004460754
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-03-07 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 44829
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON ED
Address:	148-05 JAMAICA AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004460754
Facility Status:	Not reported
Location Address 1:	148-05 JAMAICA AVE
Code:	BP
Location Address 2:	SB 44829
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 44829 (Continued) **1016972307**

Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004460754
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/06/2014
Trans1 Recv Date:	03/06/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004460754
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002219897GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 44829 (Continued) **1016972307**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AP400 **CON EDISON SERVICE BOX: 44829** **NJ MANIFEST** **S120666108**
NNW **148-05 JAMAICA AVE FRONT OF** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.226 mi.
1192 ft. **Site 7 of 9 in cluster AP**

Relative: **Higher**
Actual: **49 ft.**

NJ MANIFEST:

EPA Id:	NYP004460754
Mail Address:	VING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002625798GBF
EPA ID:	NYP004460754
Date Shipped:	2/24/2016
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

CON EDISON SERVICE BOX: 44829 (Continued) **S120666108**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AQ401 **BABYLON PAPER RECYCLING** **NY SWRCY** **S122985572**
ESE **JAMAICA** **N/A**
1/8-1/4 **QUEENS, NY 12345**
0.226 mi.
1192 ft. **Site 7 of 7 in cluster AQ**

Relative: **Lower**

Actual: **30 ft.**

SWRCY:

Name:	BABYLON PAPER RECYCLING
Address:	JAMAICA
City,State,Zip:	QUEENS, NY 12345
Region:	2
Facility Address 2:	Jamaica Queens
Phone Number:	5169038755
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M21]
Active:	No
East Coordinate:	601421
North Coordinate:	4505742
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported

BABYLON PAPER RECYCLING (Continued) **S122985572**

Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

AT402 **CON EDISON** **NJ MANIFEST** **S120672934**
SE **150TH ST & SOUTH RD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.227 mi.
1200 ft. **Site 1 of 7 in cluster AT**

Relative:
Lower

Actual:
28 ft.

NJ MANIFEST:

EPA Id:	NYP004795910
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002624598GBF
EPA ID:	NYP004795910
Date Shipped:	6/18/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported

CON EDISON (Continued) **S120672934**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AT403 **CON EDISON** **RCRA NonGen / NLR** **1019904273**
SE **150TH ST & SOUTH RD** **NYP004795910**
1/8-1/4 **JAMAICA, NY 11435**
0.227 mi.
1200 ft. **Site 2 of 7 in cluster AT**

Relative: **Lower**

Actual: **28 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2015-06-18 00:00:00.0
Facility name:	CON EDISON
Facility address:	150TH ST & SOUTH RD JAMAICA, NY 11435
EPA ID:	NYP004795910
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON (Continued) **1019904273**

Historical Generators:
Date form received by agency: 2015-06-18 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

AT404 **CON EDISON** **NY MANIFEST** **S119075954**
SE **150TH ST & SOUTH RD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.227 mi.
1200 ft. **Site 3 of 7 in cluster AT**

Relative:
Lower

Actual:
28 ft.

NY MANIFEST:
Name: CON EDISON
Address: 150TH ST & SOUTH RD
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004795910
Facility Status: Not reported
Location Address 1: 150TH ST & SOUTH RD
Code: BP
Location Address 2: TM 6658
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004795910
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/18/2015
Trans1 Recv Date: 06/18/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/22/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004795910
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

CON EDISON (Continued) **S119075954**

TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002624598GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

405
SSE
1/8-1/4
0.228 mi.
1204 ft.

SUTPHIN AUTO REPAIRS & ELECTRICAL INC. **NY AST** **A100147115**
106-15 SUTPHIN BLVD **N/A**
JAMAICA, NY 11435

Relative:
Lower

Actual:
34 ft.

AST:

Name:	SUTPHIN AUTO REPAIRS & ELECTRICAL INC.
Address:	106-15 SUTPHIN BLVD
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-604116
Program Type:	PBS
UTM X:	601161.08318
UTM Y:	4505582.32346
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

SUTPHIN AUTO REPAIRS & ELECTRICAL INC. (Continued) **A100147115**

Site Id:	26000
Affiliation Type:	Facility Owner
Company Name:	JOSEPH BRANCATO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	145-64 LIBERTY AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 739-0391
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26000
Affiliation Type:	Mail Contact
Company Name:	SUTPHIN AUTO REPAIRS & ELECTRICAL INC.
Contact Type:	Not reported
Contact Name:	BERTRAM MITCHELL
Address1:	106-15 SUTPHIN BLVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 206-1311
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26000
Affiliation Type:	Facility Operator
Company Name:	SUTPHIN AUTO REPAIRS & ELECTRICAL INC.
Contact Type:	Not reported
Contact Name:	BERTRAM MITCHELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 206-1311
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26000
Affiliation Type:	Emergency Contact
Company Name:	JOSEPH BRANCATO
Contact Type:	Not reported
Contact Name:	BERTRAM MITCHELL
Address1:	Not reported

SUTPHIN AUTO REPAIRS & ELECTRICAL INC. (Continued) **A100147115**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 206-1311
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	56742
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	F00 - Pipe External Protection - None
	D00 - Pipe Type - No Piping
	G00 - Tank Secondary Containment - None
	A00 - Tank Internal Protection - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/23/2009
Register:	True
Modified By:	LXZIELIN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AL406 **CON EDISON SERVICE BOX: 18489** **RCRA NonGen / NLR** **1016966109**
West **143-22 94TH AVE FRONT OF** **NY MANIFEST** **NYP004389656**
1/8-1/4 **JAMAICA, NY 11435**
0.228 mi.
1205 ft. **Site 11 of 11 in cluster AL**

Relative:
Higher

Actual:
42 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-12-12 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 18489
Facility address:	143-22 94TH AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004389656
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003

CON EDISON SERVICE BOX: 18489 (Continued) **1016966109**

Contact:	THOMAS TEELING
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-11-12 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 18489
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	143-22 94TH AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004389656
Facility Status:	Not reported
Location Address 1:	OPP 143 22 94TH AV
Code:	BP
Location Address 2:	SB 18489
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004389656
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK

CON EDISON SERVICE BOX: 18489 (Continued) **1016966109**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/12/2013
Trans1 Recv Date:	11/12/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/15/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004389656
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002298872GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON SERVICE BOX: 18489 (Continued) **1016966109**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AP407 **CON EDISON SERVICE BOX: 57405** **RCRA NonGen / NLR** **1016972308**
NW **147-10 JAMAICA AVE FRONT OF** **NY MANIFEST** **NYP004460762**
1/8-1/4 **JAMAICA, NY 11435**
0.229 mi.
1211 ft. **Site 8 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-04-07 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 57405
Facility address:	147-10 JAMAICA AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004460762
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-03-07 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 57405
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON ED
Address:	147-10 JAMAICA AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004460762

CON EDISON SERVICE BOX: 57405 (Continued) **1016972308**

Facility Status:	Not reported
Location Address 1:	147-10 JAMAICA AVE
Code:	BP
Location Address 2:	SB 57405
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004460762
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/07/2014
Trans1 Recv Date:	03/07/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004460762
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002219837GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON SERVICE BOX: 57405 (Continued) **1016972308**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AP408 **CON EDISON SERVICE BOX: 1282** **RCRA NonGen / NLR** **1016972309**
NW **147-08 JAMAICA AVE FRONT OF** **NY MANIFEST** **NYP004460770**
1/8-1/4 **JAMAICA, NY 11435**
0.232 mi.
1223 ft. **Site 9 of 9 in cluster AP**

Relative:
Higher

Actual:
49 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-04-07 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 1282
Facility address:	147-08 JAMAICA AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004460770
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

CON EDISON SERVICE BOX: 1282 (Continued) **1016972309**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-03-07 00:00:00.0
Site name: CON EDISON SERVICE BOX: 1282
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Name: CON ED
Address: 147-08 JAMAICA AVE FRONT OF
City,State,Zip: JAMAICA, NY 11435
Country: USA
EPA ID: NYP004460770
Facility Status: Not reported
Location Address 1: OPP 147-08 JAMAICA AVE
Code: BP
Location Address 2: SB 1282
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11435
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004460770
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/07/2014
Trans1 Recv Date: 03/07/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/07/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004460770
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported

CON EDISON SERVICE BOX: 1282 (Continued) **1016972309**

Manifest Tracking Number:	002360318GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AO409 **CON EDISON** **NY MANIFEST** **1016960943**
NNE **JAMAICA AVE & 153RD ST** **N/A**
1/8-1/4 **JAMAICA, NY 11432**
0.235 mi.
1241 ft. **Site 4 of 7 in cluster AO**

Relative: **Higher**

Actual: **48 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	JAMAICA AVE & 153RD ST
City,State,Zip:	JAMAICA, NY 11432
Country:	USA
EPA ID:	NYP004332409
Facility Status:	Not reported
Location Address 1:	JAMAICA AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

CON EDISON (Continued) **1016960943**

EPAID:	NYP004332409
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/20/2013
Trans1 Recv Date:	07/20/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/24/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004332409
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011697056JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	7000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported

CON EDISON (Continued) **1016960943**

Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AT410 **MIDLAND CARTING INC** **RCRA NonGen / NLR** **1015754417**
SSE **147-11 SOUTH RD** **NYR000198580**
1/8-1/4 **JAMAICA, NY 11432**
0.235 mi.
1242 ft. **Site 4 of 7 in cluster AT**

Relative:
Lower

Actual:
32 ft.

RCRA NonGen / NLR:
Date form received by agency: 2017-05-25 00:00:00.0
Facility name: MIDLAND CARTING INC
Facility address: 147-11 SOUTH RD
JAMAICA, NY 11432
EPA ID: NYR000198580
Mailing address: BAY DR
MASSAPEQUA, NY 11758
Contact: GREGORY F TRICOLA
Contact address: OREGON ST
LONG BEACH, NY 11561
Contact country: US
Contact telephone: 516-903-9437
Contact email: GFTMIDLAND@HOTMAIL.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GREGORY TRICOLA
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2002-06-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: GREGORY TRICOLA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2002-06-01 00:00:00.0

MIDLAND CARTING INC (Continued) **1015754417**

Owner/Op end date: Not reported

Owner/operator name: STF REALTY LLC
Owner/operator address: BAY DR
MASSAPEQUA, NY 11758
Owner/operator country: US
Owner/operator telephone: 516-799-9047
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2002-06-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-01-22 00:00:00.0
Site name: MIDLAND CARTING INC
Classification: Not a generator, verified

Violation Status: No violations found

AT411 **106-19 SUTPHIN BOULEVARD** **NY AST** **A100384622**
SSE **147-11 SOUTH ROAD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.235 mi.
1242 ft. **Site 5 of 7 in cluster AT**

Relative:
Lower

Actual:
32 ft.

AST:
Name: 106-19 SUTPHIN BOULEVARD
Address: 147-11 SOUTH ROAD
City,State,Zip: JAMAICA, NY 11435
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-612147
Program Type: PBS
UTM X: 601206.08311
UTM Y: 4505547.41574
Expiration Date: 11/22/2023
Site Type: Trucking/Transportation/Fleet Operation

106-19 SUTPHIN BOULEVARD (Continued) **A100384622**

Affiliation Records:

Site Id:	489318
Affiliation Type:	Facility Owner
Company Name:	STF REALTY LLC/TRICOLA FAMILY TRUST II
Contact Type:	PRESIDENT
Contact Name:	GREGORY TRICOLA
Address1:	292 BAY DRIVE
Address2:	Not reported
City:	MASSAPEQUA
State:	NY
Zip Code:	11758
Country Code:	001
Phone:	(516) 541-5949
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-11-06

Site Id:	489318
Affiliation Type:	Mail Contact
Company Name:	MIDLAND CARTING
Contact Type:	Not reported
Contact Name:	GREGORY TRICOLA
Address1:	P.O. BOX 303
Address2:	Not reported
City:	MASSAPEQUA PARK
State:	NY
Zip Code:	11762
Country Code:	001
Phone:	(516) 903-9437
EMail:	MIDLANDCARTING@OPTONLINE.NET
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-11-22

Site Id:	489318
Affiliation Type:	Facility Operator
Company Name:	106-19 SUTPHIN BOULEVARD
Contact Type:	Not reported
Contact Name:	CARLOS GIRON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 903-9437
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-11-22

Site Id:	489318
Affiliation Type:	Emergency Contact
Company Name:	STF REALTY LLC/TRICOLA FAMILY TRUST II
Contact Type:	Not reported
Contact Name:	GREGORY TRICOLA

106-19 SUTPHIN BOULEVARD (Continued) **A100384622**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 903-9437
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-11-22

Tank Info:

Tank Number:	1
Tank Id:	250353

Equipment Records:

I01 - Overfill - Float Vent Valve
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J06 - Dispenser - Tank Mounted Dispenser
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2013
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	hydraulic oil

Tank Number:	2
Tank Id:	250354

Equipment Records:

K00 - Spill Prevention - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

106-19 SUTPHIN BOULEVARD (Continued) **A100384622**

F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J06 - Dispenser - Tank Mounted Dispenser
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2013
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AT412 **CON ED** **NY MANIFEST** **S118463589**
SSE **147-29 SOUTH ROAD** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.236 mi.
1246 ft. **Site 6 of 7 in cluster AT**

Relative: **Lower**
Actual: **31 ft.**

NY MANIFEST:

Name:	CON ED
Address:	147-29 SOUTH ROAD
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004853988
Facility Status:	Not reported
Location Address 1:	147-29 SOUTH ROAD
Code:	BP
Location Address 2:	SB 31700
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004853988
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported

CON ED (Continued) **S118463589**

Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	10/15/2015
Trans1 Recv Date:	10/15/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/15/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004853988
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013245080JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AT413 **ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC** **NY AST** **A100318927**
SSE **147-29 SOUTH ROAD** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.236 mi.
1246 ft. **Site 7 of 7 in cluster AT**

Relative:
Lower

Actual:
31 ft.

AST:

Name:	ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC
Address:	147-29 SOUTH ROAD
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610773
Program Type:	PBS
UTM X:	601206.08311
UTM Y:	4505547.41574
Expiration Date:	12/05/2018
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	393919
Affiliation Type:	Mail Contact
Company Name:	ABS ALTERNATOR & STARTER,
Contact Type:	Not reported
Contact Name:	THRIBWON BISNAUTH
Address1:	AXLE REPAIR SERVICE INC.
Address2:	147-29 SOUTH ROAD
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(646) 731-7625
EMail:	SAROJ.VISNAUTH@GMAIL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-05

Site Id:	393919
Affiliation Type:	Facility Operator
Company Name:	ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC
Contact Type:	Not reported
Contact Name:	THRIBWON BISNAUTH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 850-2070
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-05

Site Id:	393919
Affiliation Type:	Emergency Contact
Company Name:	ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC
Contact Type:	Not reported
Contact Name:	THRIBWON BISNAUTH

ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC (Continued) **A100318927**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 731-7625
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-05

Site Id:	393919
Affiliation Type:	Facility Owner
Company Name:	ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	147-29 SOUTH ROAD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 850-2070
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-05

Tank Info:

Tank Number:	001
Tank Id:	221727
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
G12 - Tank Secondary Containment - Double-Walled (AG only)
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/14/2004

ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC (Continued) **A100318927**

Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AS414
SW
1/8-1/4
0.237 mi.
1253 ft.

CON EDISON SERVICE BOX: 35981
143-41 101ST AVE FRONT OF
JAMAICA, NY 11435

Site 2 of 2 in cluster AS

RCRA NonGen / NLR **1016965641**
NY MANIFEST **NYP004385118**

Relative:
Higher

Actual:
41 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-12-04 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 35981
Facility address:	143-41 101ST AVE FRONT OF JAMAICA, NY 11435
EPA ID:	NYP004385118
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-11-04 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 35981
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

CON EDISON SERVICE BOX: 35981 (Continued) **1016965641**

NY MANIFEST:

Name:	CON EDISON
Address:	143-41 101ST AVE FRONT OF
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYP004385118
Facility Status:	Not reported
Location Address 1:	EAST DUNKIRK ST 70' S/O GALLOWAY AVE
Code:	BP
Location Address 2:	SB 35981
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11412
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004385118
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2013
Trans1 Recv Date:	11/04/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/07/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004385118
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002298560GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

CON EDISON SERVICE BOX: 35981 (Continued) **1016965641**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AU415 **PRECISE AUTO REPAIR CENTER INC.** **NY UST** **U004197459**
WNW **91-24 146TH STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.240 mi.
1265 ft. **Site 1 of 5 in cluster AU**

Relative:
Higher

Actual:
49 ft.

UST:

Name:	PRECISE AUTO REPAIR CENTER INC.
Address:	91-24 146TH STREET
City,State,Zip:	JAMAICA, NY 11435
Id/Status:	2-612020 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	600625.72881
UTM Y:	4506233.34743
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	481656
Affiliation Type:	Mail Contact
Company Name:	PRECISE AUTO REPAIR CENTER INC.
Contact Type:	Not reported
Contact Name:	ARON TAMAROV
Address1:	91-24 146TH STREET
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 558-5844
EMail:	OTAMAROV@VERIZON.NET

PRECISE AUTO REPAIR CENTER INC. (Continued) **U004197459**

Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-05-16

Site Id:	481656
Affiliation Type:	Facility Operator
Company Name:	PRECISE AUTO REPAIR CENTER INC.
Contact Type:	Not reported
Contact Name:	ARON TAMAROV
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 558-5844
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	2013-07-19

Site Id:	481656
Affiliation Type:	Emergency Contact
Company Name:	CENTURY 2000 CUSTOM OWNER, INC
Contact Type:	Not reported
Contact Name:	ARON TAMAROV
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 200-0213
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	2013-07-19

Site Id:	481656
Affiliation Type:	Facility Owner
Company Name:	CENTURY 2000 CUSTOM OWNER, INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125-07 LIBERTY AVE
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11420
Country Code:	001
Phone:	(718) 309-0328
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	2013-07-19

Tank Info:

PRECISE AUTO REPAIR CENTER INC. (Continued) **U004197459**

Tank Number:	001
Tank ID:	248198
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	250
Install Date:	01/01/2000
Date Tank Closed:	11/26/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

AV416 **JAMAICA SEVEN LLC** **NY AST** **U003387264**
NNW **90-36 149TH ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.244 mi.
1286 ft. **Site 1 of 2 in cluster AV**

Relative:
Higher

Actual:
52 ft.

AST:

Name:	JAMAICA SEVEN LLC
Address:	90-36 149TH ST
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-244317
Program Type:	PBS
UTM X:	600870.89954
UTM Y:	4506427.07133
Expiration Date:	05/28/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	9452
Affiliation Type:	Facility Owner
Company Name:	JAMAICA SEVEN LLC
Contact Type:	MEMBER
Contact Name:	RAJESH SUBRAJ
Address1:	166-07 HILLSIDE AVENUE
Address2:	Not reported

JAMAICA SEVEN LLC (Continued) **U003387264**

City:	JAMAICA
State:	NY
Zip Code:	11432
Country Code:	001
Phone:	(718) 291-3331
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-13

Site Id:	9452
Affiliation Type:	Mail Contact
Company Name:	ZARA REALTY HOLDING CORP.
Contact Type:	Not reported
Contact Name:	JAMAICA SEVEN LLC
Address1:	166-07 HILLSIDE AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11432
Country Code:	001
Phone:	(718) 291-3331
EMail:	SMANSUKH@ZARAREALTY.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-13

Site Id:	9452
Affiliation Type:	Facility Operator
Company Name:	JAMAICA SEVEN LLC
Contact Type:	Not reported
Contact Name:	R. RAMDAT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 523-8752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2007-06-25

Site Id:	9452
Affiliation Type:	Emergency Contact
Company Name:	JAMAICA SEVEN LLC
Contact Type:	Not reported
Contact Name:	JAIRAJ SOBHRAJ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 291-3244
EMail:	Not reported

JAMAICA SEVEN LLC (Continued) **U003387264**

Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-13

Tank Info:

Tank Number: 001
Tank Id: 11539
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/01/1940
Capacity Gallons: 5000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 06/13/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 11540
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

JAMAICA SEVEN LLC (Continued) **U003387264**

	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1981
Capacity Gallons:	3000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2008
Register:	True
Modified By:	MFLEONAR
Last Modified:	06/13/2017
Material Name:	#2 fuel oil (on-site consumption)

417
NNE
1/8-1/4
0.244 mi.
1287 ft.

153-19 TO 27 JAMAICA AVE **NY UST** **U001835706**
153-19 TO 27 JAMAICA AVENUE **N/A**
JAMAICA, NY 11432

Relative:
Higher

Actual:
49 ft.

UST:

Name:	153-19 TO 27 JAMAICA AVE
Address:	153-19 TO 27 JAMAICA AVENUE
City,State,Zip:	JAMAICA, NY 11432
Id/Status:	2-294780 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/09/2021
UTM X:	601256.29457
UTM Y:	4506497.84599
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	13504
Affiliation Type:	Mail Contact
Company Name:	UHAB HOUSING DEVELOPMENT FUND CORPORATION
Contact Type:	AUTHORIZED SIGNATORY
Contact Name:	JOEL PYRONNEAU
Address1:	120 WALL STREET, 20TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10005
Country Code:	001
Phone:	(212) 479-3300
EMail:	JPYRONNEAU@BFCNYC.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-11-15

Site Id:	13504
Affiliation Type:	Facility Operator
Company Name:	153-19 TO 27 JAMAICA AVE
Contact Type:	Not reported

153-19 TO 27 JAMAICA AVE (Continued) **U001835706**

Contact Name:	ROXY ASSOCIATES LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 490-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13504
Affiliation Type:	Emergency Contact
Company Name:	UHAB HOUSING DEVELOPMENT FUND CORPORATION
Contact Type:	Not reported
Contact Name:	JOEL PYRONNEAU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	917-474-4788
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-11-15

Site Id:	13504
Affiliation Type:	Facility Owner
Company Name:	UHAB HOUSING DEVELOPMENT FUND CORPORATION
Contact Type:	AUTHORIZED SIGNATORY
Contact Name:	JOEL PYRONNEAU
Address1:	120 WALL STREET, 20TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10005
Country Code:	001
Phone:	(212) 479-3300
EMail:	JPYRONNEAU@BFCNYC.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-11-15

Tank Info:

Tank Number:	001
Tank ID:	15388
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	01/01/1930
Date Tank Closed:	Not reported
Registered:	True

153-19 TO 27 JAMAICA AVE (Continued) **U001835706**

Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	11/04/2013
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	BKFALVEY
Last Modified:	04/14/2017

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

418
West
1/8-1/4
0.244 mi.
1290 ft.

VITA PARTS INC **NY AST** **A100300305**
143-14 94TH AVENUE **N/A**
JAMAICA, NY 11435

Relative:
Higher

Actual:
41 ft.

AST:

Name:	VITA PARTS INC
Address:	143-14 94TH AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-610421
Program Type:	PBS
UTM X:	600290.51077
UTM Y:	4505830.56999
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	374627
Affiliation Type:	Facility Owner
Company Name:	VITA PARTS INC.
Contact Type:	PRESIDENT
Contact Name:	RAJENDER BACHAN
Address1:	143-14 94TH AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 529-7667

VITA PARTS INC (Continued) **A100300305**

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-08

Site Id: 374627
Affiliation Type: Mail Contact
Company Name: VITA PARTS INC.
Contact Type: Not reported
Contact Name: RAJENDER BACHAN
Address1: 143-14 94TH AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 529-7667
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-08

Site Id: 374627
Affiliation Type: Facility Operator
Company Name: VITA PARTS INC
Contact Type: Not reported
Contact Name: RAJENDER BACHAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 529-7667
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-08

Site Id: 374627
Affiliation Type: Emergency Contact
Company Name: VITA PARTS INC.
Contact Type: Not reported
Contact Name: RAJENDER BACHAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 529-7667
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-08

VITA PARTS INC (Continued) **A100300305**

Tank Info:

Tank Number:	001
Tank Id:	214858
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G05 - Tank Secondary Containment - Synthetic Liner
J00 - Dispenser - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/2006
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/10/2016
Register:	True
Modified By:	LXZIELIN
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

AO419 **CON EDISON** **NJ MANIFEST** **S120676332**
NNE **153-05 JAMAICA AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11432**
0.245 mi.
1295 ft. **Site 5 of 7 in cluster AO**

Relative: **Higher**
Actual: **48 ft.**

NJ MANIFEST:

EPA Id:	NYP004834418
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported

CON EDISON (Continued) **S120676332**

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

Manifest:

Manifest Number:	014086733JJK
EPA ID:	NYP004834418
Date Shipped:	9/3/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AO420 **CON ED** **NY MANIFEST** **S119077591**
NNE **153-05 JAMAICA AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11432**
0.245 mi.
1295 ft. **Site 6 of 7 in cluster AO**

Relative: **Higher**

Actual: **48 ft.**

NY MANIFEST:

Name:	CON ED
Address:	153-05 JAMAICA AVE
City,State,Zip:	JAMAICA, NY 11432

CON ED (Continued) **S119077591**

Country:	USA
EPA ID:	NYP004834418
Facility Status:	Not reported
Location Address 1:	F/O 153-05 JAMAICA AVE
Code:	BP
Location Address 2:	SB 23140
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004834418
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	09/03/2015
Trans1 Recv Date:	09/03/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004834418
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014086733JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported

CON ED (Continued) **S119077591**

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

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AO421 **CON EDISON** **RCRA NonGen / NLR** **1019907461**
NNE **153-05 JAMAICA AVE** **NYP004834418**
1/8-1/4 **JAMAICA, NY 11432**
0.245 mi.
1295 ft. **Site 7 of 7 in cluster AO**

Relative:
Higher

Actual:
48 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-09-03 00:00:00.0
Facility name:	CON EDISON
Facility address:	153-05 JAMAICA AVE JAMAICA, NY 11432
EPA ID:	NYP004834418
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

CON EDISON (Continued) **1019907461**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-09-03 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

AW422 **PUBLIC SCHOOL 82/86 (Q882)** **NY AST** **U003749725**
North **90-36 150TH STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11431**
0.247 mi.
1303 ft. **Site 1 of 3 in cluster AW**

Relative:
Higher

Actual:
49 ft.

AST:
Name: PUBLIC SCHOOL 82/86 (Q882)
Address: 90-36 150TH STREET
City,State,Zip: JAMAICA, NY 11431
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-604693
Program Type: PBS
UTM X: 600942.15994
UTM Y: 4506511.86636
Expiration Date: 09/15/2020
Site Type: School

Affiliation Records:
Site Id: 26564
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPT. OF EDUCATION
Contact Type: MGR, FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5751
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-10-08

Site Id: 26564
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY DEPT. OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY

PUBLIC SCHOOL 82/86 (Q882) (Continued) **U003749725**

Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-08-22

Site Id:	26564
Affiliation Type:	Facility Operator
Company Name:	PUBLIC SCHOOL 82/86 (Q882)
Contact Type:	Not reported
Contact Name:	JOSEPH GINEX
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 291-8816
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-08-25

Site Id:	26564
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPT. OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-03-15

Tank Info:

Tank Number:	002
Tank Id:	58623
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground

PUBLIC SCHOOL 82/86 (Q882) (Continued) **U003749725**

I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/01/2000
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AW423 **PUBLIC SCHOOL 82/86 (Q882)** **NY UST** **U004064090**
North **90-36 150TH STREET** **N/A**
1/8-1/4 **JAMAICA, NY 11431**
0.247 mi.
1303 ft. **Site 2 of 3 in cluster AW**

Relative:
Higher

Actual:
49 ft.

UST:

Name:	PUBLIC SCHOOL 82/86 (Q882)
Address:	90-36 150TH STREET
City,State,Zip:	JAMAICA, NY 11431
Id/Status:	2-604693 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	09/15/2020
UTM X:	600942.15994
UTM Y:	4506511.86636
Site Type:	School

Affiliation Records:

Site Id:	26564
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPT. OF EDUCATION
Contact Type:	MGR, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5751
EMail:	Not reported
Fax Number:	Not reported

PUBLIC SCHOOL 82/86 (Q882) (Continued) **U004064090**

Modified By:	NTFREEMA
Date Last Modified:	2015-10-08
Site Id:	26564
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPT. OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-08-22
Site Id:	26564
Affiliation Type:	Facility Operator
Company Name:	PUBLIC SCHOOL 82/86 (Q882)
Contact Type:	Not reported
Contact Name:	JOSEPH GINEX
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 291-8816
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-08-25
Site Id:	26564
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPT. OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-03-15

Tank Info:

Tank Number:	003

PUBLIC SCHOOL 82/86 (Q882) (Continued) **U004064090**

Tank ID:	60308
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	5000
Install Date:	06/23/1963
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)
Tightness Test Method:	34
Date Test:	04/26/2019
Next Test Date:	04/26/2020
Pipe Model:	Not reported
Modified By:	LABATIST
Last Modified:	05/31/2019

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	01
Tank ID:	58622
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	07/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

PUBLIC SCHOOL 82/86 (Q882) (Continued) **U004064090**

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

AW424 **NYC DEPT OF EDUCATION - PS 182Q** **RCRA-SQG** **1004759481**
North **90-36 150TH ST** **NY MANIFEST** **NYR000011221**
1/8-1/4 **QUEENS, NY 11435**
0.247 mi.
1303 ft. **Site 3 of 3 in cluster AW**

Relative:
Higher

Actual:
49 ft.

RCRA-SQG:

Date form received by agency:	2013-04-23 00:00:00.0
Facility name:	NYC DEPT OF EDUCATION - PS 182Q
Facility address:	90-36 150TH ST QUEENS, NY 11435
EPA ID:	NYR000011221
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	718-472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NYC BOARD OF EDUCATION
Owner/operator address:	28-11 QUEENS PLZ N LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	718-349-5600
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NYC BOARD OF EDUCATION
Owner/operator address:	28-11 QUEENS PLZ N LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	718-349-5600
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

NYC DEPT OF EDUCATION - PS 182Q (Continued) **1004759481**

Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF SCHOOL FACILITIES
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 1963-05-08 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-472-8501
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 1963-05-08 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-01-01 00:00:00.0
Site name: NYC BD OF ED - PUBLIC SCHOOL 182 QUEENS
Classification: Not a generator, verified

Date form received by agency: 2006-01-01 00:00:00.0
Site name: NYC BD OF ED - PUBLIC SCHOOL 182 QUEENS

NYC DEPT OF EDUCATION - PS 182Q (Continued) **1004759481**

Classification: Not a generator, verified

Date form received by agency: 1995-08-10 00:00:00.0
Site name: NYC BD OF ED - PUBLIC SCHOOL 182 QUEENS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: B004
. Waste name: PCB articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs, excluding small capacitors. This includes oil-filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:
Name: NYC BOARD OF EDUCATION
Address: 90-36 150TH ST
City,State,Zip: QUEENS, NY 11435
Country: USA
EPA ID: NYR000011221
Facility Status: Not reported
Location Address 1: 90-36 150TH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11375
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000011221
Mailing Name: NYC BOARD OF EDUCATION
Mailing Contact: JACK BRUCCULERI
Mailing Address 1: 28-11 QUEENS PLAZA NORTH
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183495660

NY MANIFEST:
Document ID: NJA2116674

NYC DEPT OF EDUCATION - PS 182Q (Continued) **1004759481**

Manifest Status:	K
seq:	Not reported
Year:	1995
Trans1 State ID:	50082
Trans2 State ID:	S6993
Generator Ship Date:	08/12/1995
Trans1 Recv Date:	08/12/1995
Trans2 Recv Date:	10/26/1995
TSD Site Recv Date:	10/27/1995
Part A Recv Date:	/ /
Part B Recv Date:	11/07/1995
Generator EPA ID:	NYR000011221
Trans1 EPA ID:	NY0000551218
Trans2 EPA ID:	NJD980772768
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AV425 **90-23 149 ST** **NY AST** **U003387100**
NNW **90-23 149 ST** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.248 mi.
1308 ft. **Site 2 of 2 in cluster AV**

Relative: **Higher**

Actual: **51 ft.**

AST:

Name:	90-23 149 ST
Address:	90-23 149 ST
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active

90-23 149 ST (Continued) **U003387100**

Facility Id: 2-091804
Program Type: PBS
UTM X: 600870.04389
UTM Y: 4506445.26525
Expiration Date: 12/11/2023
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 2327
Affiliation Type: Mail Contact
Company Name: GROVE GARDENS ASSOCIATES, LLC C/O CHAIM SCHEID
Contact Type: Not reported
Contact Name: CHAIM SCHWEID
Address1: P.O. BOX 165
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11219
Country Code: 001
Phone: (718) 438-4222
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-01-26

Site Id: 2327
Affiliation Type: Facility Operator
Company Name: 90-23 149 ST
Contact Type: Not reported
Contact Name: MARTIN GARCIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 706-9136
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-01-26

Site Id: 2327
Affiliation Type: Emergency Contact
Company Name: GROVE GARDENS ASSOCIATES, LLC
Contact Type: Not reported
Contact Name: CHAIM SCHWEID
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 438-4222
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-01-26

90-23 149 ST (Continued) **U003387100**

Site Id:	2327
Affiliation Type:	Facility Owner
Company Name:	GROVE GARDENS ASSOCIATES, LLC
Contact Type:	OWNER - MEMBER
Contact Name:	CHAIM SCHWEID
Address1:	P.O. BOX 165
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 438-4222
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-01-26

Tank Info:

Tank Number:	001
Tank Id:	11267
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	H00 - Tank Leak Detection - None
	L09 - Piping Leak Detection - Exempt Suction Piping
	I04 - Overfill - Product Level Gauge (A/G)
	J02 - Dispenser - Suction Dispenser
	G04 - Tank Secondary Containment - Double-Walled (Underground)
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1938
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AU426 **MTA LIRR ARCHER AVENUE** **NY MANIFEST** **S117742247**
WNW **144-15 ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.249 mi.
1316 ft. **Site 2 of 5 in cluster AU**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	MTA LIRR ARCHER AVENUE
Address:	144-15 ARCHER AVE
City,State,Zip:	JAMAICA, NY 11435
Country:	USA
EPA ID:	NYR000213447
Facility Status:	Not reported
Location Address 1:	144-15 ARCHER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JAMAICA
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000213447
Mailing Name:	MTA LIRR ARCHER AVENUE
Mailing Contact:	MTA LIRR ARCHER AVENUE - JAMAICA CONTROL CTR
Mailing Address 1:	144-41 94TH AVE - DEPT 1944
Mailing Address 2:	Not reported
Mailing City:	JAMAICA
Mailing State:	NY
Mailing Zip:	11435
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9175289127

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/14/2015
Trans1 Recv Date:	05/14/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/14/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000213447
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013244604JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

MTA LIRR ARCHER AVENUE (Continued) **S117742247**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AU427 **CON EDISON** **NY MANIFEST** **S117066558**
WNW **OPP 144-15 ARCHER AVE** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.249 mi.
1316 ft. **Site 3 of 5 in cluster AU**

Relative:
Higher

Actual:
49 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	OPP 144-15 ARCHER AVE
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004592234
Facility Status:	Not reported
Location Address 1:	OPP 144-15 ARCHER AVE
Code:	BP
Location Address 2:	SB 24227
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004592234
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK

CON EDISON (Continued) **S117066558**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/10/2014
Trans1 Recv Date:	07/10/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/10/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004592234
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002504312GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	60
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S117066558**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AU428 **MTA LIRR ARCHER AVENUE** **NJ MANIFEST** **S120679022**
WNW **144-15 ARCHER AVE** **N/A**
1/8-1/4 **JAMAICA, NY 11435**
0.249 mi.
1316 ft. **Site 4 of 5 in cluster AU**

Relative:
Higher

Actual:
49 ft.

NJ MANIFEST:

EPA Id:	NYR000213447
Mail Address:	94TH AVE MC 1944
Mail City/State/Zip:	JAMAICA, NY 11435
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	KATHLEEN A GREEN
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	013244604JJK
EPA ID:	NYR000213447
Date Shipped:	5/14/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

MTA LIRR ARCHER AVENUE (Continued) **S120679022**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11435
Reason Load Was Rejected:	Not reported

Manifest Number:	010914486JJK
EPA ID:	NYR000213447
Date Shipped:	3/11/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JAMAICA, NY 11435
Reason Load Was Rejected:	Not reported

AU429 **MTA LIRR ARCHER AVENUE** **RCRA-LQG** **1016974883**
WNW **144-15 ARCHER AVE** **NYR000213447**
1/8-1/4 **JAMAICA, NY 11435**
0.249 mi.
1316 ft. **Site 5 of 5 in cluster AU**

Relative:
Higher

Actual:
49 ft.

RCRA-LQG:

Date form received by agency:	2016-02-08 00:00:00.0
Facility name:	MTA LIRR ARCHER AVENUE
Facility address:	144-15 ARCHER AVE JAMAICA, NY 11435
EPA ID:	NYR000213447
Mailing address:	94TH AVE MC 1944 JAMAICA, NY 11435
Contact:	KATHLEEN A GREEN
Contact address:	94TH AVE MC 1944 JAMAICA, NY 11435
Contact country:	US
Contact telephone:	347-494-6927
Contact email:	KGREEN@LIRR.ORG
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	MTA LONG ISLAND RAIL ROAD
Owner/operator address:	SUTPHIN BLVD JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-558-8228
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	1850-01-01 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	MTA LONG ISLAND RAIL ROAD
Owner/operator address:	SUTPHIN BOULEVARD JAMAICA, NY 11435
Owner/operator country:	US
Owner/operator telephone:	718-558-8228
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	State

MTA LIRR ARCHER AVENUE (Continued) **1016974883**

Owner/Operator Type: Owner
Owner/Op start date: 1900-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA LONG ISLAND RAIL ROAD
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 1850-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: MTA LONG ISLAND RAIL ROAD
Owner/operator address: SUTPHIN BOULEVARD
JAMAICA, NY 11435
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 1900-01-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-06-09 00:00:00.0
Site name: MTA LIRR ARCHER AVENUE
Classification: Not a generator, verified

Date form received by agency: 2014-10-16 00:00:00.0
Site name: MTA LIRR ARCHER AVENUE
Classification: Small Quantity Generator

MTA LIRR ARCHER AVENUE (Continued) **1016974883**

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 25700

Violation Status: No violations found

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430 ESE 1/4-1/2 0.280 mi. 1477 ft.

REPUBLIC CARTING CO.INC.
106-21 156 STREET
JAMAICA, NY 11433

NY SWF/LF **S105841791** **N/A**

Relative: Lower

Actual: 34 ft.

SWF/LF:

Name:	REPUBLIC CARTING CO.INC.
Address:	106-21 156 STREET
City,State,Zip:	JAMAICA, NY 11433
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185265624
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	MARIO REALLE;II
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T33]
Active:	No
East Coordinate:	601300
North Coordinate:	4505600
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6307-00107
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

431
North
1/4-1/2
0.295 mi.
1557 ft.

CLOSED-LACKOF RECENT INFO
90030 153RD AVENUE
NEW YORK CITY, NY

NY LTANKS

S100145094
N/A

Relative:
Higher

Actual:
48 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	90030 153RD AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8800818 / 2003-02-18
Facility ID:	8800818
Site ID:	93942
Spill Date:	1988-04-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-04-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-04-29
Spill Record Last Update:	2003-02-21
Spiller Name:	Not reported
Spiller Company:	B&L MGMT. CORP.
Spiller Address:	212-27 16TH AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	84161
DEC Memo:	""
Remarks:	"5,000 GALLON CAPACITY TANK FAILED WITH A LEAK RATE OF -0.179 GPH THEY ARE RECOMMENDING TESTING TANK AND LINES SEPARETLY. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

All TTF:

Facility ID:	8800818
Spill Number:	8800818
Spill Tank Test:	1533759
Site ID:	93942
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown

CLOSED-LACKOF RECENT INFO (Continued) **S100145094**

Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	93942
Operable Unit ID:	917803
Operable Unit:	01
Material ID:	459991
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

432
SSE
1/4-1/2
0.310 mi.
1638 ft.

BAYSIDE COMMUNITY CHURCH
107-03 150TH STREET
SOUTH JAMAICA, NY

NY LTANKS **S100143972**
N/A

Relative:
Lower

Actual:
29 ft.

LTANKS:

Name:	BAYSIDE COMMUNITY CHURCH
Address:	107-03 150TH STREET
City,State,Zip:	SOUTH JAMAICA, NY
Spill Number/Closed Date:	8709586 / 1988-02-12
Facility ID:	8709586
Site ID:	225926
Spill Date:	1988-02-11
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1988-02-12
SWIS:	4101
Investigator:	JCGRATHW
Referred To:	Not reported
Reported to Dept:	1988-02-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-02-12
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	BAYSIDE COMMUNITY CHURCH
Spiller Address:	SAME AS ABOVE
Spiller County:	001
Spiller Contact:	Not reported

BAYSIDE COMMUNITY CHURCH (Continued) **S100143972**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	186485
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GRATHWOL "
Remarks:	"275-GALLON ABOVEGROUND TANK/ GIFFORDS ENERGY CO. IS APPLYING SPEEDY-DRY"

All Materials:

Site ID:	225926
Operable Unit ID:	914664
Operable Unit:	01
Material ID:	464911
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-10.00
Units:	G
Recovered:	-10.00
Oxygenate:	Not reported

433
NNE
1/4-1/2
0.310 mi.
1639 ft.

CLOSED-LACKOF RECENT INFO **NY LTANKS** **S100145109**
90050 PARSONS BLVD. **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
60 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	90050 PARSONS BLVD.
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8801087 / 2003-03-05
Facility ID:	8801087
Site ID:	250709
Spill Date:	1988-05-04
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-05-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-05-09
Spill Record Last Update:	2003-03-18
Spiller Name:	Not reported
Spiller Company:	HILLS,BETZ & NASH

CLOSED-LACKOF RECENT INFO (Continued) **S100145109**

Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	205519
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"2,500 GALLON TANK FAILED PETRO-TITE TEST AT A LEAK RATE OF -0.331 GPH.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEANUP REQUIREMENTS."

All TTF:

Facility ID:	8801087
Spill Number:	8801087
Spill Tank Test:	1533833
Site ID:	250709
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	250709
Operable Unit ID:	918072
Operable Unit:	01
Material ID:	460246
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

434
NE
1/4-1/2
0.327 mi.
1729 ft.

YORK COLLEGE
94-20 160TH ST
JAMAICA, NY

NY LTANKS **S107523408**
N/A

Relative:
Higher

Actual:
59 ft.

LTANKS:

Name:	YORK COLLEGE
Address:	94-20 160TH ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0511961 / 2006-03-21
Facility ID:	0511961
Site ID:	358210
Spill Date:	2006-01-17
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2006-01-17
CID:	408
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-01-17
Spill Record Last Update:	2006-03-21
Spiller Name:	PETER DIPASDA
Spiller Company:	YORK COLLEGE
Spiller Address:	94-20 160TH ST
Spiller County:	001
Spiller Contact:	PETER DIPASDA
Spiller Phone:	(732) 225-7380
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	308230
DEC Memo:	"1/19/06 - Raphael Ketani. I spoke to Mark Randazzo of O'Brien & Gere ((732) 225-7380, ext 231; cell (781) 883-6432) today. He said they were digging at the site and came across a large tank (17'X6) that was not known to be there. The soil is contaminated with oil. I told him to take 6 soil samples on the floor of the trench (one at each end and 2 at the base of the north wall and at the base of the south wall) and one 3 feet above the floor of the trench in each wall (total 10). He said that he had dug down 15' already and asked how much he should go. I told him that he has to dig out all of the soil that exceeds TAGM 4046, or until he hits groundwater. I told him that if there is groundwater, then water samples need to be taken. I told him that if he believes the digging will endanger buildings or structures, then he has to get an engineer to look at the site. If the engineer makes a determination that it is unsafe to dig deeper, then DEC needs to receive a report stating this from the engineer. He agreed to dig deeper and take the samples. Jan 20th, 2006 Sent CSL To Howard N. Apsan CUNY 535 East 80th St New York, NY 10021 2/17/06 - Raphael Ketani. I spoke to Mr. Randazzo. He said that the digging and

YORK COLLEGE (Continued) **S107523408**

soil removal have been completed and soil samples were sent to the laboratory. He said they only went 2 feet deeper due to safety concerns, but they didn't hit water. I asked him when I should receive the final report and he said in 2 or 3 weeks. 3/21/06 - Raphael Ketani. I received the Underground Storage Tank Closure Former St. Monica's Church Property report dated March 2006 and produced by O'Brien & Gere. I reviewed the report and found the results to be non-detect, or below TAGM 4046, or just above TAGM 4046. The PBS case #2-333638 has been updated. They want an NFA letter. Based upon the report, I am closing the spill case. Also, I am writing the NFA letter. "

Remarks: "tank is being pulled, soil contamination, remediation is in progress. tank size is 3600 gallon tanki."

All Materials:

Site ID:	358210
Operable Unit ID:	1115461
Operable Unit:	01
Material ID:	2105528
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AX435 **AMERICAN SEVASHRAM, INC. - TTF** **NY LTANKS** **S103558924**
NNE **153-14 90TH AVENUE** **N/A**
1/4-1/2 **JAMAICA, NY 11432**
0.339 mi.
1788 ft. **Site 1 of 2 in cluster AX**

Relative: **Higher**

Actual: **52 ft.**

LTANKS:

Name:	AMERICAN SEVASHRAM, INC. - TTF
Address:	153-14 90TH AVENUE
City,State,Zip:	JAMAICA, NY 11432
Spill Number/Closed Date:	9811864 / 2015-04-03
Facility ID:	9811864
Site ID:	134351
Spill Date:	1998-12-17
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	HRPATEL
Referred To:	KNIZEK
Reported to Dept:	1998-12-21
CID:	266
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False

AMERICAN SEVASHRAM, INC. - TTF (Continued) **S103558924**

Remediation Phase:	0
Date Entered In Computer:	1998-12-21
Spill Record Last Update:	2015-04-03
Spiller Name:	MADO RAMISINGH
Spiller Company:	AMERICAN SEVASHRAM, INC.
Spiller Address:	153-14 90TH AVENUE
Spiller County:	001
Spiller Contact:	MADO RAMISINGH
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	3976
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE Universal Construction Mr. Hemlell 718-850-6446 Cut open & clean tank. Sent letter 1/27/06 to obtain more info. Sent strong followup 2/21/06. 09/05/06 -Zielinski This spill case reassigned from CO to Region 2. 10/20/06 - Zielinski Visited the site. According to staff at the property, the tank has been decommisioned. Over the phone, spoke with Mr. Ravi Etwaru, President of America Sevashram Sangha, Inc. He confirmed that the tank had been closed in place. Mr. Etwaru faxed an affidavit by Pro-Test on two tanks closures in 2000, tanks testing results conducted in 1998, and waste oil removal and disposal. Lack of information about a cause of the failure or soil contamination. 11/06/06 - Zielinski Sent a TTF letter. 01/04/10 - LZ A TTF letter sent to American Sevashram requesting a response by February 12, 2010. 08/13/12 - LZ As Randy Austin requested, the spill has been reassigned to Tim DeMeo 2/1/13 TJD T/C with Deo Ramattan (917 929 8028), a representative of Hindu Temple where reported tank test failure was reported approximately 15 years ago. Temple was previously a synagogue and was converted to gas in approximately 2000 - UST's were then abandonned. No records are available. Original TTF report by ProTest does not indicate if failure was due to wet/dry leak. Options to resolve open spill were discussed with caller including soil borings around tanks or removal of tanks and direct observation. Caller is attempting to locate historical documentation and will be obtaining price quotes to perform additional investigation as discussed. 2/12/15 TJD Spill reassigned from DeMeo to Patel 03/27/15-Hiralkumar Patel. alternate address for building 153-14: none no other spill record found. PBS #: 2-117153. as per PBS record, building 153-14 has one (1) 1,500 gal #2 oil UST, closed-in-place in Sep. 1999. as per tank testing result dated 12/17/1998 (stored on edoc), Protest tested two 2,000 gal #2 oil tanks (64 inch diameter). searched PBS database with owner's name American Sevashram, Inc. and found another PBS record (# 2-117145) for adjacent building 153-20 90th Avenue. *-* -*-*-*-*-*-*-*-*-*-* alternate address for building 153-20: 153-18 to 153-20 90th Ave no spill record found. PBS #: 2-117145. as per PBS record, building 153-20 has one (1) 3,000 gal #2 oil UST, closed-in-place in Sep. 1999. *-* -*-*-*-*-*-*-*-*-*-* as per NYC DOB record, permits were approved for both buildings (153-14 and 153-20) in Sep. 1999 for removal of existing boiler and replace it with one gas fired boiler. the tank test report from Protest states that a hole was found in vent pipe for tank #1 and big hole was found somewhere in tank #2 as can't pull vacuum in the system. based on site diagram in tank test report, tank

AMERICAN SEVASHRAM, INC. - TTF (Continued) **S103558924**

#1 was at building 153-14 and tank #2 was at building 153-20. the subject spill was reported with address 153-14 where hole was found in the vent pipe, but there is no report for tank at 153-20 where tank system failed due to hole some place in the system. America Sevashram Sangha Inc. **property owner** PH. (718) 523-7515 discussed with DEC Austin. based on available information, a site visit is needed. 04/03/15-Hiralkumar Patel. 10:30 AM:- visited site and inspected basement in both buildings 153-14 and 153-20. no signs of oil seepage or petroleum odors noted in basements. in accordance with R2 TTF closure protocol, this spill is being closed due to no indication of a current release, no information indicating that there may have been a historical release, and no information that this tank test failure will be an issue in the future."

Remarks: "CONTACT PHONE NUMBER FOR OWNER (212) 532-0843. SPILER NOTIFIED OF RESULTS. NO PLANS FOR RETEST AT THIS TIME."

All TTF:

Facility ID:	9811864
Spill Number:	9811864
Spill Tank Test:	1546679
Site ID:	134351
Tank Number:	Not reported
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	134351
Operable Unit ID:	1072605
Operable Unit:	01
Material ID:	312147
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

436
South
1/4-1/2
0.350 mi.
1848 ft.

CLOSED-LACKOF RECENT INFO
106012 LIVERPOOL ST.
NEW YORK CITY, NY

NY LTANKS **S100144805**
N/A

Relative:
Higher

Actual:
40 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	106012 LIVERPOOL ST.
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8705555 / 2003-03-04
Facility ID:	8705555
Site ID:	253239
Spill Date:	1987-10-01
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1987-10-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-10-05
Spill Record Last Update:	2003-03-14
Spiller Name:	Not reported
Spiller Company:	ST. PIUS CHURCH
Spiller Address:	106-12 LIVERPOOL ST.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	207455
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/04/2003-Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"3K TANK FAILED TEST, NO ACTION TAKEN.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8705555
Spill Number:	8705555
Spill Tank Test:	1531792
Site ID:	253239
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

CLOSED-LACKOF RECENT INFO (Continued) **S100144805**

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 253239
Operable Unit ID: 911706
Operable Unit: 01
Material ID: 468149
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

AX437 **UNKNOWN RESIDENCE TTF** **NY LTANKS** **S111738879**
North **8921 153 ST** **N/A**
1/4-1/2 **QUEENS, NY**
0.356 mi.
1882 ft. **Site 2 of 2 in cluster AX**

Relative: LTANKS:
Higher
Actual: Name: UNKNOWN RESIDENCE TTF
52 ft. Address: 8921 153 ST
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 1113949 / 2013-04-05
Facility ID: 1113949
Site ID: 461978
Spill Date: 2012-03-14
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2012-03-15
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2012-03-15
Spill Record Last Update: 2014-05-06
Spiller Name: Not reported
Spiller Company: TANK TEST FAILURE
Spiller Address: Not reported
Spiller County: 999

UNKNOWN RESIDENCE TTF (Continued) **S111738879**

Spiller Contact:	MARK - COLONIAL MANAGEMENT
Spiller Phone:	(718) 258-4288
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	416423
DEC Memo:	"5/30/2012 Sangesland spoke to Donna at ABC Tank. She says ABC did the work, they will prepare a closure report and submit it as soon as the client pays. Sangesland spoke to Mark at the management company. He believes ABC did too much work and charged too much. Sangesland asked for 3 items: 1) Copy of passing tank test 2) Summary of what work was done on the tank/system to repair the leak 3) Statement that EITHER no contamination was found or Contamination was removed and clean endpoints taken . Sangesland reviewed a letter from Colonial Mgnt dated June 12, 2012. It says: As per our phone converstation please find attached the tank test report performed by ABC Tank Repair and Lining INC. back on March 12, 2012. As I (Mark Colton Colonial Mgt)stated in our discussion there was no contamination of oil into the ground. The only digging done was to the top of the tank so ABC Tank workers could access the manhole which was covered in concrete. If you need any further assistance feel free to call our office at 718-258-4288. Thank you, Mark Colton. *****Based on this note and copies of a passing tank test report Vaulted Aboveground 2500 gal tank dated 3/12/2012 by ABC Tank Christopher Quintana. This spill case is closed. 5-6-14 Dupigny - Notes from Sangesland Call Mark at Colonial Mgt. "
Remarks:	"vaulted tank - repair/retest pending"

All Materials:

Site ID:	461978
Operable Unit ID:	1212052
Operable Unit:	01
Material ID:	2209889
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

438
NNW
1/4-1/2
0.369 mi.
1948 ft.

148-22 89TH AVE/PILGRAM **NY LTANKS** **S102671787**
148-22 89TH AVE **N/A**
JAMAICA, NY

Relative:
Higher

Actual:
56 ft.

LTANKS:

Name:	148-22 89TH AVE/PILGRAM
Address:	148-22 89TH AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9109998 / 1991-12-20
Facility ID:	9109998
Site ID:	148690
Spill Date:	1991-12-19
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck

148-22 89TH AVE/PILGRAM (Continued) **S102671787**

Spill Class:	Not reported
Cleanup Ceased:	1991-12-20
SWIS:	4101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1991-12-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-01-06
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	126520
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"CLEANED UP."

All Materials:

Site ID:	148690
Operable Unit ID:	960005
Operable Unit:	01
Material ID:	418575
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

439
SSW
1/4-1/2
0.376 mi.
1984 ft.

138-57 LLOYD ROAD **NY LTANKS** **S100494376**
138-57 LLOYD ROAD **N/A**
JAMAICA, NY

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	138-57 LLOYD ROAD
Address:	138-57 LLOYD ROAD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9209764 / 1993-11-21
Facility ID:	9209764
Site ID:	135811
Spill Date:	1992-11-21

138-57 LLOYD ROAD (Continued) **S100494376**

Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	1993-11-21
SWIS:	4101
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1992-11-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-12-09
Spill Record Last Update:	1993-02-24
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	116603
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER "
Remarks:	"LEAKY FILTER OIL TO CONCRETE SPEEDY DRY USED PICK UP AND DISPOSED NO CALL BACK"

All Materials:

Site ID:	135811
Operable Unit ID:	973571
Operable Unit:	01
Material ID:	406803
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AY440 **90-43 160TH ST/QUEENS** **NY LTANKS** **S102671218**
NNE **90-43 160TH ST** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.395 mi.
2087 ft. **Site 1 of 2 in cluster AY**

Relative:
Higher

Actual:
61 ft.

LTANKS:

Name:	90-43 160TH ST/QUEENS
Address:	90-43 160TH ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8707224 / 1987-11-22

90-43 160TH ST/QUEENS (Continued) **S102671218**

Facility ID:	8707224
Site ID:	168913
Spill Date:	1987-11-22
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Not reported
Cleanup Ceased:	1987-11-22
SWIS:	4101
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-11-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-23
Spill Record Last Update:	1988-10-14
Spiller Name:	Not reported
Spiller Company:	AJS STANDARD
Spiller Address:	214-41 212TH AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	142254
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"CLEAN UP DONE, NO RESPONSE NEEDED."

All Materials:

Site ID:	168913
Operable Unit ID:	912956
Operable Unit:	01
Material ID:	466193
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

441
WSW
1/4-1/2
0.406 mi.
2143 ft.

138-07 97TH AVENUE
138-07 97TH AVENUE
JAMAICA, NY

NY LTANKS **S102672335**
N/A

Relative:
Higher

Actual:
41 ft.

LTANKS:

Name:	138-07 97TH AVENUE
Address:	138-07 97TH AVENUE
City,State,Zip:	JAMAICA, NY

138-07 97TH AVENUE (Continued) **S102672335**

Spill Number/Closed Date:	9312378 / 1994-01-21
Facility ID:	9312378
Site ID:	120397
Spill Date:	1994-01-21
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	1994-01-21
SWIS:	4101
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1994-01-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-25
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104549
DEC Memo:	""
Remarks:	"SPILL CAME OUT VENT ONTO PETRO SPILL TEAM TO CLEAN UP."

All Materials:

Site ID:	120397
Operable Unit ID:	994389
Operable Unit:	01
Material ID:	391358
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AY442 **90-11 160TH STREET & 90-14 161ST STREET** **NY VCP** **S125317236**
NNE **90-11 160TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.412 mi.
2174 ft. **Site 2 of 2 in cluster AY**

Relative: **Higher**
Actual: **61 ft.**

VCP NYC:

Project ID:	12TMP0429Q, 12EH-N429Q, 13CVCP085Q
Name:	90-11 160TH STREET & 90-14 161ST STREET
Address:	90-11 160TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

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443 **FORMER QUEENS FAMILY COURTHOUSE** **NY LTANKS** **U000405352**
NNE **89-14 PARSONS BLVD** **NY UST** **N/A**
1/4-1/2 **JAMAICA, NY 11357** **NY AST**
0.416 mi. **NY BROWNFIELDS**
2198 ft.

Relative: **Higher**
Actual: **58 ft.**

LTANKS:

Name:	QUEENS FAMILY COURT
Address:	89-14 PARSONS BLVD
City,State,Zip:	JAMAICA, NY 11432
Spill Number/Closed Date:	0101552 / 2006-07-26
Facility ID:	0101552
Site ID:	269885
Spill Date:	2001-05-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2001-05-10
CID:	207
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-05-10
Spill Record Last Update:	2006-07-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	AZZAH NAUASSAH
Spiller Phone:	(212) 897-2674
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	8178
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RASHID 10/24/2003 see notes from spill # 02-02895. closed that spill number and referred to this #. Mr. Abramo no longer working. 1/21/04 TIPPLE SENT DOCUMENTATION REQUEST 5/11/04 transferred from Tipple to Rashid as per reassignment directive 8/12/05 - Austin - Request from consultant about status of site found that this spill report was

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

assigned to Reed (no such person in Division - name put in by mistake by Rashid?). Reassigned, after discussing with Nagi, and Tang, to Rahman (duty officer for today). - end 02/02/06 Sharif// Contact no's are not working. I called fatemeh Ashkan, (718)391-1004 of NYCDDC to find out the status of the site. She said she will call me back after doing research on it. 06/26/06 Sharif Rahman- Left a messege for Fatemah Askan to follow up on Queens Family Court. 07/26/06 Rahman-Rec'd investigation summary report prepared by Gem Star. Works performed were- Concrete grade slab removal, Liquid sludge and oil removed from tanks, removal of UST within the vault, removal of underground piping, Sampling around perimeter of vault and four points under slab.A total of 156 ton contaminated soil was removed from the site.VOCs were within TAGM limit. There were some exceedances for SVOCs. A new tank was installed in the vault.Waste disposal manifest were provided.NFA required."

Remarks: "tank contained #4 oil."

All TTF:

Facility ID:	0101552
Spill Number:	0101552
Spill Tank Test:	1526290
Site ID:	269885
Tank Number:	1
Tank Size:	10000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

Name:	QUEENS FAMILY COURT HOUSE
Address:	89-14 PARSONS BLVD
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0202895 / 2003-10-24
Facility ID:	0202895
Site ID:	269886
Spill Date:	2002-06-19
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2002-06-19
CID:	252
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-06-19
Spill Record Last Update:	2006-04-12
Spiller Name:	ROBERT ABRAMO
Spiller Company:	QUEENS FAMILY COURT HOUSE
Spiller Address:	89-14 PARSONS BLVD
Spiller County:	001
Spiller Contact:	ROBERT ABRAMO
Spiller Phone:	(718) 442-8200
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	219797
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 6/19/02 Spoke with Bob Abramo, told him that end point samples were required. The samples are to be taken along the outside edges of the tank vault below the elevation of the bottom of the tank, not in the middle of an intrinsically sound slab, and not above the tank elevation. Mr. Abramo said that he would submit samples from a 6 foot depth where the tank vault extended down to a 14 foot depth. I told him that that was not acceptable. 10/24/03 tipple updating/// this spill number closed and referred to # 01-01552//Mr.Abramo no longer working."
Remarks:	"PBS #217018 - SPILL SAMPLES BEING DONE WITH CLEANUP TO BEGIN."

All Materials:

Site ID:	269886
Operable Unit ID:	853737
Operable Unit:	01
Material ID:	520728
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	FORMER QUEENS FAMILY COURTHOUSE
Address:	89-14 PARSONS BLVD
City,State,Zip:	JAMAICA, NY 11357
Id/Status:	2-217018 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	601242.14805
UTM Y:	4506739.00843
Site Type:	Other

Affiliation Records:

Site Id:	8189
Affiliation Type:	Mail Contact
Company Name:	THE DERMOT COMPANY INC
Contact Type:	Not reported

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Contact Name:	DREW SPITLER
Address1:	729 7TH AVENUE
Address2:	15TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 262-1220
EMail:	DSPITLER@DERMOTCOMPANY.COM
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Site Id:	8189
Affiliation Type:	Facility Operator
Company Name:	FORMER QUEENS FAMILY COURTHOUSE
Contact Type:	Not reported
Contact Name:	DREW SPITLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 353-6632
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Site Id:	8189
Affiliation Type:	Emergency Contact
Company Name:	QFC OWNER LLC C/O DREW SPITLER
Contact Type:	Not reported
Contact Name:	STEPHANIE ORTIZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 988-5391
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Site Id:	8189
Affiliation Type:	Facility Owner
Company Name:	QFC OWNER LLC C/O DREW SPITLER
Contact Type:	AUTHORIZED REP.
Contact Name:	DREW SPITLER
Address1:	729 7TH AVENUE 15TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Country Code:	001
Phone:	(212) 262-1220
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Tank Info:

Tank Number:	003
Tank ID:	63544
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	05/01/2002
Date Tank Closed:	06/23/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NTFREEMA
Last Modified:	04/14/2017

Equipment Records:

I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	004
Tank ID:	260605
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1500
Install Date:	Not reported
Date Tank Closed:	06/23/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G02 - Tank Secondary Containment - Vault (w/access)

AST:

Name: FORMER QUEENS FAMILY COURTHOUSE
Address: 89-14 PARSONS BLVD
City,State,Zip: JAMAICA, NY 11357
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-217018
Program Type: PBS
UTM X: 601242.14805
UTM Y: 4506739.00843
Expiration Date: N/A
Site Type: Other

Affiliation Records:

Site Id: 8189
Affiliation Type: Mail Contact
Company Name: THE DERMOT COMPANY INC
Contact Type: Not reported
Contact Name: DREW SPITLER
Address1: 729 7TH AVENUE
Address2: 15TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 262-1220
EMail: DSPITLER@DERMOTCOMPANY.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2016-02-16

Site Id: 8189
Affiliation Type: Facility Operator
Company Name: FORMER QUEENS FAMILY COURTHOUSE
Contact Type: Not reported
Contact Name: DREW SPITLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Country Code:	001
Phone:	(718) 353-6632
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Site Id:	8189
Affiliation Type:	Emergency Contact
Company Name:	QFC OWNER LLC C/O DREW SPITLER
Contact Type:	Not reported
Contact Name:	STEPHANIE ORTIZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 988-5391
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Site Id:	8189
Affiliation Type:	Facility Owner
Company Name:	QFC OWNER LLC C/O DREW SPITLER
Contact Type:	AUTHORIZED REP.
Contact Name:	DREW SPITLER
Address1:	729 7TH AVENUE 15TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 262-1220
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-02-16

Tank Info:

Tank Number:	001
Tank Id:	22450
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1970
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/01/2002
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 22451
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1970
Capacity Gallons: 10000
Tightness Test Method: 21
Date Test: 05/10/2001
Next Test Date: Not reported
Date Tank Closed: 05/01/2002
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

BROWNFIELDS:
Name: FORMER QUEENS FAMILY COURTHOUSE - LUMBER YARD
Address: 89-14 PARSONS BOULEVARD
City,State,Zip: JAMAICA, NY 11432
Program: BCP
Site Code: 360362

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Acres:	1.7
HW Code:	C241093
SWIS:	4101
Town:	New York City
Record Added Date:	03/02/2006
Record Updated Date:	04/10/2008
Update By:	SRHEIGEL
Site Description:	This BCP application pertains to the Former Queens Family Courthouse - Lumber Yard located at 89-14 Parsons Blvd., Jamaica, New York, Queens County. This site comprises Lot 31 and Lot 59 of Block 9755, and consists of two buildings, the Courthouse and the Annex building which is 1.7 acres in size. The application was denied by letter dated November 16, 2006.
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Owner
Sub Type:	NNN
Owner Name:	LORI FIERSTEIN
Owner Company:	NYC DEPARTMENT OF CITYWIDE ADMININISTRATIVE SERVICES
Owner Address:	DIVISION OF REAL ESTATE SERVICES
Owner Addr2:	ONE CENTRE STREET, 20TH FLOOR, ROOM 2053 S
Owner City,St,Zip:	NEW YORK, NY 10007
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	NNN
Owner Name:	STEPHEN BENJAMIN
Owner Company:	DERMOT QFC, LLC
Owner Address:	320 WEST 57TH STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10019
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	NEW YORK CITY ECONOMIC DEVELOPMENT CORPORATION
Owner Address:	110 WILLIAM STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

444
East
1/4-1/2
0.419 mi.
2213 ft.

SOUTH JAMAICA-NYCHA
106-62 160TH ST
QUEENS, NY

NY LTANKS **S103941316**
N/A

Relative:
Lower

Actual:
34 ft.

LTANKS:

Name:	SOUTH JAMAICA-NYCHA
Address:	106-62 160TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9902687 / 2014-05-23
Facility ID:	9902687
Site ID:	278097
Spill Date:	1999-06-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	1999-06-08
CID:	382
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-08
Spill Record Last Update:	2014-05-23
Spiller Name:	SEBASTIAN LORESICE
Spiller Company:	NYCHA
Spiller Address:	106-62 160TH ST
Spiller County:	001
Spiller Contact:	SEBASTIAN LORESICE
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	225797
DEC Memo:	"3/28-05 - Austin - Put under Lombardo's name from Saccacio for transfer to Central Office for closure review 09/26/06 This case was transferred from Albany to Region 2. 10/3/06-Zhune sent a TTF letter to Mr. Sebastian Lorecise 106-62 160th St. Jamaica, NY 11432 07/19/2007-Zhune spoke to Ralph Trocchio from NYC Housing. Technical Service Department. Remediation Unit(718-707-5725). He will search the files and send the papers. 10/19/2007-Zhune spoke to Frank from NYC Housing Ph:718-7075718. He said the date for the working plan is June 2008. they have 279 open cases with DEC including this one. They are working directly with Jennifer Kann. 5/29/12- J.kann - prioritized site as P0 5/19/14: J.Kann - after review of the PBS database, discussions with NYCHA and visiting the site today, there

SOUTH JAMAICA-NYCHA (Continued) **S103941316**

is only one 40,000 gallon tank at South Jamaica Houses. 106-62 is the managament office for the development. The tank is actually located at 108-09 159th Street. Therefore this spill was closed and consolidated with 9601674. 5/23/14_ J.Kann - spill actually closed today."

Remarks: "GROSS FAILURE. ISOLATE AND RETEST"

All TTF:

Facility ID:	9902687
Spill Number:	9902687
Spill Tank Test:	1547234
Site ID:	278097
Tank Number:	2
Tank Size:	40000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	278097
Operable Unit ID:	1081605
Operable Unit:	01
Material ID:	306190
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

445
NNE
1/4-1/2
0.422 mi.
2230 ft.

FIRST REFORMED CHURCH
159-29 90TH AVE
JAMAICA, NY 11432

NY LTANKS **U000405313**
NY UST **N/A**

Relative:
Higher

Actual:
60 ft.

LTANKS:

Name:	FIRST REFORMED CHURCH
Address:	159-29 90TH AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0812889 / 2009-12-24
Facility ID:	0812889
Site ID:	410539
Spill Date:	2009-02-27
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported

FIRST REFORMED CHURCH (Continued) **U000405313**

Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2009-02-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-02-27
Spill Record Last Update:	2009-12-24
Spiller Name:	VICTORIA STODDARD
Spiller Company:	FIRST REFORMED CHURCH
Spiller Address:	159-29 90TH AVE
Spiller County:	999
Spiller Contact:	VICTORIA STODDARD
Spiller Phone:	(631) 321-4670
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	359784
DEC Memo:	"02/27/09-Zhune spoke to Victoria stoddard from Pro-test (631) 321-4670. Tank fail test today with a Dry leak. No evidence of any leak. Tank is going to be isolated lines will be test. They sent porposal to: First Reformed Church 159-29 90th Ave. Jamaica NY 11432 Attn:Imogene Williams 8/5/2009 TTF sent to: Ms. Imogene Williams First Reformed Church 159-29 90th Ave. Jamaica, NY 11432 12/24/09- Pro Test Environmental sent a letter dated November 2,2009 and result of tightness test. The letter stated the following: On February 27,2009 Pro test performed a tightness test on the above subject tank system and it failed with a dry leak. On October 9,2009, Pro test returned to excavate and isolate the tank from its associated lines. The tank only passed a test, but the vent and fill failed line test. Technicians returned on October 22nd to excavate a trench at the existing vent line and removed the old line. Pro test returned the next day to install a new vent alarm. new vent lineand new fill/stick line. Upon completion of these repairs the tank system passed a retest. There was no evidence of contamination in the excavation before it was backfilled with existing clean fill. Spill Closed "
Remarks:	"TANK TEST FAILURE ON A 2000 GALLON UST UNK IF ANY PRODUCT WAS SPILLED. PBS NUMBER NOT AVAIL."

All Materials:

Site ID:	410539
Operable Unit ID:	1167023
Operable Unit:	01
Material ID:	2158546
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

FIRST REFORMED CHURCH (Continued) **U000405313**

UST:

Name:	FIRST REFORMED CHURCH
Address:	159-29 90TH AVE
City,State,Zip:	JAMAICA, NY 11432
Id/Status:	2-216496 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/15/2007
UTM X:	601308.36922
UTM Y:	4506697.27740
Site Type:	Unknown

Affiliation Records:

Site Id:	8144
Affiliation Type:	Facility Owner
Company Name:	FIRST REFORMED CHURCH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	159-29 90TH AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11432
Country Code:	001
Phone:	(718) 658-6333
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8144
Affiliation Type:	Mail Contact
Company Name:	FIRST REFORMED CHURCH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	159-29 90TH AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11432
Country Code:	001
Phone:	(718) 658-6333
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8144
Affiliation Type:	Facility Operator
Company Name:	FIRST REFORMED CHURCH
Contact Type:	Not reported
Contact Name:	FIRST REFORMED CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

FIRST REFORMED CHURCH (Continued) **U000405313**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-6333
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8144
Affiliation Type:	Emergency Contact
Company Name:	FIRST REFORMED CHURCH
Contact Type:	Not reported
Contact Name:	REV. MARK S. KELLAR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 657-7204
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	612
Tank ID:	22377
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	10/23/2009
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BKFALVEY
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None

AZ446 **SALVATION ARMY** **NY LTANKS** **S105998310**
NNE **90-23 161ST ST** **N/A**
1/4-1/2 **JAMAICA, NY**
0.440 mi.
2324 ft. **Site 1 of 2 in cluster AZ**

Relative: **Higher**

Actual: **62 ft.**

LTANKS:

Name:	SALVATION ARMY
Address:	90-23 161ST ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0212020 / 2003-03-06
Facility ID:	0212020
Site ID:	206161
Spill Date:	2003-03-06
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C5
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	2003-03-06
CID:	397
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-06
Spill Record Last Update:	2004-05-24
Spiller Name:	Not reported
Spiller Company:	SALVATION ARMY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	171206
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 3/6/03 - AUSTIN, DDO - PET. ODOR DETECTED ON 3/5 IN BLDG. - PETRO OIL SENT REPAIRMAN TO CHECK BOILER - HE FOUND ROTTED OIL FILTER, WHICH WAS DRIPPING INTO 6 SCUPPER DRAIN - REPLACED FILTER - MINOR AMT. OF OIL IN DRAIN -CLOSE"
Remarks:	"tank fauilure leaked oil into the sewer. petro oil estimates approx 1 gallon. would like a call back"

All Materials:

Site ID:	206161
Operable Unit ID:	865466
Operable Unit:	01
Material ID:	511793
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

SALVATION ARMY (Continued) **S105998310**

Recovered: .00
Oxygenate: Not reported

447
NNW
1/4-1/2
0.442 mi.
2334 ft.

APARTMENT BUILDING TTF
88-09 148TH STREET
JAMAICA, NY

NY LTANKS **U003389505**
N/A

Relative:
Higher

Actual:
61 ft.

LTANKS:

Name:	APARTMENT BUILDING TTF
Address:	88-09 148TH STREET
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	1008456 / 2012-02-23
Facility ID:	1008456
Site ID:	441947
Spill Date:	2010-11-11
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	2010-11-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2010-11-12
Spill Record Last Update:	2012-02-23
Spiller Name:	DON HASTINGS
Spiller Company:	BUILDING OWNER
Spiller Address:	88-09 148TH STREET
Spiller County:	999
Spiller Contact:	DON HASTINGS
Spiller Phone:	(201) 537-5194
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	310897
DEC Memo:	"TTF Letter sent to PBS Address - See eDocs 2/3/12 Today received e-mail from Bennett Campbell from DEC Albany with passing ttt. Sent ttf letter to: J. Eisenberg Grand Review LLC 590 56th Street West New York, NJ 07093 The letter was also stamped 2nd Notice. bf 2/13/12 Received message from John of MMI (917)592-4106. He left message to return his call. 2/15/12 Returned message and left voice mail message to return my call. He called me back later and will forward docs that may be able to sufficiently close the spill. I gave him my e-mail address. bf 2/23/12 Received e-mail on 2/21/12 from John Masini of MMI Mechanical. Letter attached explaining that a petrometer gauge assemby at the tank was disconnected and then plugged. System passed ttt on 1/17/12. bf"
Remarks:	"TANK TEST FAIL"

APARTMENT BUILDING TTF (Continued) **U003389505**

All Materials:

Site ID:	441947
Operable Unit ID:	1192479
Operable Unit:	01
Material ID:	2187810
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	BUSINESS
Address:	88-09 148TH STREET
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0514082 / 2007-03-13
Facility ID:	0514082
Site ID:	360714
Spill Date:	2006-03-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-03-09
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-03-09
Spill Record Last Update:	2007-03-13
Spiller Name:	RACHEAL ADOMEN
Spiller Company:	BUSINESS
Spiller Address:	88-09 148TH STREET
Spiller County:	999
Spiller Contact:	RACHEAL ADOMEN
Spiller Phone:	(631) 462-5866
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	310897
DEC Memo:	"03/09/06 Feroze. PBS case of this site is #2-196797. TTF is sent to : JAMAIC ASSOCIATES 88-09 Realty Co. 88-09 148th Street Jamaica, NY 11435. Attn: Super Facility Manager. 03/15/06. Spill is transferred from Feroze to Kumer patel. 03/28/06-Hiralkumar Patel. Spoke with Racheal Adomen. She doesn't have tank test results as she is working as consultant for potential buyer. she doesn't know anything about current owner's information or isolation test on site. she can call her client and may get current owner's information. she will call

APARTMENT BUILDING TTF (Continued) **U003389505**

back with this information. and somebody from her office will send me tank test results in email. FAX for RAcheal: (631) 462-5877. from property shark, found owner name and address as below: Michael J Savino 111-32 76 Avenue Queens NY 11375 PH. (718) 263-8707 FAX (718) 263-7816 as per Michael, property has UST. on his request, sent out copy of TTF through fax. 03/31/06-Hiralkumar Patel. Spoke at ATS and operator told me that nobody has done isolation test on site. Left message for Michael. spoke with Michael. as per him, when Advanced Tank did tank test, at that time vent pipe was broken and they haven't done any isolation test. so he thinks problem is with vent line. they have repaired this vent line and in couple of days they will do isolation test. Michael will call me with test results once he gets it. as per Michael, they only use oil when temperature goes below 15 degree, otherwise they are using gas. and they haven't noticed any loss of oil while they are running gas for last few weeks. 04/04/06-Hiralkumar Patel. Received call from Michael. as per Mike, they are measuring oil level in tank and it is steady at 25.8 cm from last 3-4 days. he will cotact someone and will do tank test and send final report. 04/17/06-Hiralkumar Patel. Received fax from Jerry Lefkowitz, Attorney representing owner, on Apr. 10. i was out for EVOC training. as per Mr. Lefkowitz, he is requesting deadline extension to May 26, 2006. Left message for Michael. Spoke with Mr. Lefkowitz and told him that he doesn't need deadline extension in written if i am getting updates on weekly basis. Spoke with Michael. as per him there is no drop in level inside the tank. told him that he can submit test results showing tank system is tight by May 25, 2006. 05/05/06-Hiralkumar Patel. Received call from Rene from Eastmond. they are doing isolation test and will call back once he gets test results. 05/10/06-Hiralkumar Patel. Received message from Mike Savino. Spoke with Mike. as per him, Eastmond found that tank is ok during isolation test. they found that fill line and vent pipe needs work. Mr. Savino is contacting other companies for work proposal. Left message for Rene. 05/11/06-Hiralkumar Patel. Left message for Rene. 05/15/06-Hiralkumar Patel. Received fax from Mr. Savino. fax contains copy of letter from Rene from Eastmond about tank only test result and estimates for further work. as per Eastmond letter, tank was passed the test but fill and vent lines needs further work. Eastmond submited proposal for fill and vent line replacement. 05/16/06-Hiralkumar Patel. Received call from Isaac. they have submitted proposal for further work, but haven't heard from owner. also he hasn't got payment for previous isolation test work. 06/05/06-Hiralkumar Patel. Left message for Isaac. Left message for Mr. Savino. 07/06/06-Hiralkumar Patel. Left message for Mr. Savino. 07/28/06-Hiralkumar Patel. spoke with operator at Mr. Savino's office. as per her, they sold this property in May 2006. Left message for Mr. Savino. New Owner: Urban American (201-553-9800). left message for Ms. Ann. received call from Mr. Savino. he will call new owner and asked to contact department. 07/31/06-Hiralkumar Patel. Mr. Savino's lawyer gave phone number for purchaser's lawyer. Peter Koffler (212) 806-5686 08/07/06-Hiralkumar Patel. left message for property manager. 08/10/06-Hiralkumar Patel. received message from Ann (201-553-9800 Ext. 48), property manager. Hydrotech is working to send required documents to the department. 09/06/06-Hiralkumar Patel. spoke with Ann Heath at Grand Review LLC. they will send documents showing work details at fill and vent lines. asked Ms. Heath to investigate along fill line as Eastmond stated that fill line need further work. Ms. Heath will submit documents within 30 days.

APARTMENT BUILDING TTF (Continued) **U003389505**

10/02/06-Hiralkumar Patel. spoke with Ann. they have hired Eastmond for soil investigation. Eastmond is waiting for permit from DOT. Ann will call back with dates when Eastmond will start working at site. 10/10/06-Hiralkumar Patel. received message from Ann (Cell: 201-726-7342). she hasn't got final schedule from Eastmond regarding soil investigation along fill line. 10/13/06-Hiralkumar Patel. received message from Ann (Ph. 201-537-5148). they got permit from DOT and she wants to discuss scope of work. left message for Ann to submit work plan as the Department never received such plan. received fax from Ms. Heath with proposed work plan. 11/02/06-Hiralkumar Patel. left message for Ms. Heath. 11/10/06-Hiralkumar Patel. left message for Ms. Heath. 11/13/06-Hiralkumar Patel. received message from Ms. Heath. she hasn't got schedule from Eastmond for required work. 11/28/06-Hiralkumar Patel. received message from Ms. Heath. Eastmond will start work tomorrow. left message for Ms. Heath to send final report at end of work. 01/05/07-Hiralkumar Patel. left message for Ms. Heath. 01/09/07-Hiralkumar Patel. received message from Ms. Heath. as per her, Rene from Eastmond has finished all work and waiting for sample analyticals from lab. once they get it, Eastmond will forward it to the Department. 02/13/07-Hiralkumar Patel. received call from Rene. they took two samples from site and found no contamination. he found leak in coupling on top of tank and no contaminated soil anywhere. asked Rene to send letter report with sample analyticals, site plan, copy of job tickets etc. 02/14/07-Hiralkumar Patel. received fax from Rene. fax doesn't include final tank test result. previously Eastmond found fill and vent line leak during isolation test. Rene mentioned in fax that they replaced coupling but no word whether other part of fill line has checked or not. left message for Rene and asked him to run tank test after such repair. 03/02/07-Hiralkumar Patel. spoke with Rene. he found leak in coupling on top of tank on fill line. no leak found anywhere else in fill line. no contamination found anywhere. asked Rene to send tank test result (after repair) and statement on site observation (about contamination). 03/13/07-Hiralkumar Patel. received statement from Rene about no contamination found along fill line and original leak was in coupling on fill line on tank. based on available documents, case closed."

Remarks: "recommend isolate"

All TTF:

Facility ID:	0514082
Spill Number:	0514082
Spill Tank Test:	1549785
Site ID:	360714
Tank Number:	1
Tank Size:	5000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

APARTMENT BUILDING TTF (Continued) **U003389505**

All Materials:

Site ID:	360714
Operable Unit ID:	1117842
Operable Unit:	01
Material ID:	2108344
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

BA448 **JAMAICA ASSOCIATES** **NY LTANKS S102673245**
NNW **148-48 88TH AVENUE** **NY AST N/A**
1/4-1/2 **JAMAICA, NY**
0.443 mi.
2338 ft. **Site 1 of 5 in cluster BA**

Relative: **Higher**
Actual: **62 ft.**

LTANKS:

Name:	JAMAICA ASSOCIATES
Address:	148-48 88TH AVENUE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9514029 / 1996-02-03
Facility ID:	9514029
Site ID:	245255
Spill Date:	1996-02-03
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1996-02-03
CID:	275
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-02-03
Spill Record Last Update:	1996-02-26
Spiller Name:	UNKNOWN
Spiller Company:	MYSTIC OIL
Spiller Address:	UNKNOWN
Spiller County:	001
Spiller Contact:	MICHAEL SAVINO
Spiller Phone:	(718) 263-8778
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	201469
DEC Memo:	""

JAMAICA ASSOCIATES (Continued) **S102673245**

Remarks: "COMANY OVERFILLED TANK - MYSTIC OIL ON SCENE NOW - SPILL NOT CLEANED - REQUESTS CALL BACK"

All Materials:

Site ID:	245255
Operable Unit ID:	1028455
Operable Unit:	01
Material ID:	357732
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AST:

Name:	KINGS PARK 148 LLC
Address:	148-48 88TH AVENUE
City,State,Zip:	JAMAICA, NY 11435
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-196789
Program Type:	PBS
UTM X:	600734.54377
UTM Y:	4506717.99968
Expiration Date:	02/15/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	6434
Affiliation Type:	Mail Contact
Company Name:	KINGS PARK 148 LLC C/O BELAIR PARK 5 LLC
Contact Type:	Not reported
Contact Name:	KEN SUBRAJ
Address1:	166-07 HILLSIDE AVE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11432
Country Code:	001
Phone:	(718) 291-3244
EMail:	KSUBRAJ@ZARAREALTY.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2017-05-15

Site Id:	6434
Affiliation Type:	Facility Operator
Company Name:	KINGS PARK 148 LLC
Contact Type:	Not reported
Contact Name:	ANTHONY HUSSAIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported

JAMAICA ASSOCIATES (Continued) **S102673245**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 291-3331
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2012-05-10

Site Id: 6434
Affiliation Type: Emergency Contact
Company Name: KINGS PARK 148 LLC
Contact Type: Not reported
Contact Name: NEVILLE ETWAROO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 879-4205
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2012-05-10

Site Id: 6434
Affiliation Type: Facility Owner
Company Name: KINGS PARK 148 LLC
Contact Type: MANAGING MEMBER
Contact Name: KEN SUBRAJ
Address1: 166-07 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 291-3244
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2017-05-15

Tank Info:

Tank Number: 001
Tank Id: 16828
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

JAMAICA ASSOCIATES (Continued) **S102673245**

C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/02/1954
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	ACDANIEL
Last Modified:	05/15/2017
Material Name:	#2 fuel oil (on-site consumption)

BA449 **148-48 88TH AVE** **NY LTANKS** **S102673244**
NNW **148-48 88TH AVE** **N/A**
1/4-1/2 **QUEENS, NY**
0.443 mi.
2338 ft. **Site 2 of 5 in cluster BA**

Relative: **Higher**
Actual: **62 ft.**

LTANKS:

Name:	148-48 88TH AVE
Address:	148-48 88TH AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9514027 / 1996-02-03
Facility ID:	9514027
Site ID:	267902
Spill Date:	1996-02-02
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1996-02-03
CID:	312
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-02-03
Spill Record Last Update:	1996-02-26
Spiller Name:	Not reported
Spiller Company:	MYSTIC
Spiller Address:	19-01 STEINWAY ST

148-48 88TH AVE (Continued) **S102673244**

Spiller County:	001
Spiller Contact:	UNKNOWN
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218250
DEC Memo:	""
Remarks:	"DRIVER OVERFILLED TANK - CLEANUP NOW IN PROGRESS"

All Materials:

Site ID:	267902
Operable Unit ID:	1024847
Operable Unit:	01
Material ID:	357730
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

BB450 **144-15 LIBERTY AVENUE** **NY VCP** **S125316843**
SSW **144-15 LIBERTY AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.444 mi.
2346 ft. **Site 1 of 3 in cluster BB**

Relative:
Higher

Actual:
41 ft.

VCP NYC:

Project ID:	17TMP0907Q, 18CVCP036Q, 18EH-N210Q
Name:	144-15 LIBERTY AVENUE
Address:	144-15 LIBERTY AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Queens

BA451 **SPILL NUMBER 0301057** **NY LTANKS** **S105998822**
North **149-30 88TH ST** **N/A**
1/4-1/2 **QUEENS, NY**
0.447 mi.
2360 ft. **Site 3 of 5 in cluster BA**

Relative:
Higher

Actual:
61 ft.

LTANKS:

Name:	SPILL NUMBER 0301057
Address:	149-30 88TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0301057 / 2003-05-07
Facility ID:	0301057
Site ID:	102586
Spill Date:	2003-04-29
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JXZHAO

SPILL NUMBER 0301057 (Continued) **S105998822**

Referred To:	Not reported
Reported to Dept:	2003-04-29
CID:	207
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-04-29
Spill Record Last Update:	2003-05-07
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	FRAN MEADOWS
Spiller Phone:	(718) 848-6488
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	90844
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO/DO 4/30/03 TJD TTF letter sent. 5/7/03 - return line inside the boiler room wasn't blocked on the day of test which made the test failed. The system has re-tested today and past the system test. The spill number is closed."
Remarks:	""

All TTF:

Facility ID:	0301057
Spill Number:	0301057
Spill Tank Test:	1528322
Site ID:	102586
Tank Number:	1
Tank Size:	10000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

BB452 **144-01 LIBERTY AVENUE** **NY VCP** **S125316841**
SW **144-01 LIBERTY AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.451 mi.
2381 ft. **Site 2 of 3 in cluster BB**

Relative:
Higher

Actual:
42 ft.

VCP NYC:

Project ID:	14TMP0081Q, 14EH-N081Q
Name:	144-01 LIBERTY AVENUE
Address:	144-01 LIBERTY AVENUE

144-01 LIBERTY AVENUE (Continued) **S125316841**

City,State,Zip: NEW YORK CITY, NY
Borough: Queens

BA453 **RESIDENTS** **NY LTANKS** **S104877065**
NNW **148-25 88TH AVE** **NY Spills** **N/A**
1/4-1/2 **QUEENS, NY**
0.469 mi.
2476 ft. **Site 4 of 5 in cluster BA**

Relative:
Higher

Actual:
63 ft.

LTANKS:

Name:	RESIDENTS
Address:	148-25 88TH AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0008634 / 2003-04-21
Facility ID:	0008634
Site ID:	318786
Spill Date:	2000-10-24
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2000-10-24
CID:	282
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-10-24
Spill Record Last Update:	2003-04-21
Spiller Name:	CALLER
Spiller Company:	CASTLE OIL
Spiller Address:	290 LOCUST AVE
Spiller County:	001
Spiller Contact:	MILLIE LOPEZ
Spiller Phone:	(718) 579-3413
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	256967
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND "
Remarks:	"driver ovefilled the tank.spill is being cleaned up. "

All Materials:

Site ID:	318786
Operable Unit ID:	831092
Operable Unit:	01
Material ID:	546138
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00

RESIDENTS (Continued) **S104877065**

Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: SPILL NUMBER 0208509
Address: 148-25 88TH AVE
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 0208509 / 2003-07-07
Facility ID: 0208509
Facility Type: ER
DER Facility ID: 256967
Site ID: 318787
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 4101
Spill Date: 2002-11-16
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2002-11-16
CID: 281
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-11-16
Spill Record Last Update: 2003-07-07
Spiller Name: SAME
Spiller Company: ALFRED FREEMAN
Spiller Address: 148-25 88TH AVE
Spiller Company: 001
Contact Name: JIM CAREY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 7/7/03 TJD Tank overfill. All impacts to concrete. Cleaned and contained using absorbents. No further action required."
Remarks: "TANK OVERFILL AT ABOVE LOCATION DUE TO FAULTY GAUGE ON TANK. ALL MATERIAL REPORTED RECOVERED."

All Materials:
Site ID: 318787
Operable Unit ID: 861508
Operable Unit: 01
Material ID: 515514
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: G
Recovered: 15.00

RESIDENTS (Continued) **S104877065**

Oxygenate: Not reported

BA454 **148-25 88TH AVE** **NY LTANKS** **S102672014**
NNW **148-25 88TH AVE** **N/A**
1/4-1/2 **JAMAICA, NY**
0.469 mi.
2476 ft. **Site 5 of 5 in cluster BA**

Relative:
Higher

Actual:
63 ft.

LTANKS:

Name:	148-25 88TH AVE
Address:	148-25 88TH AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9210394 / 1992-12-09
Facility ID:	9210394
Site ID:	318788
Spill Date:	1992-12-09
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1992-12-09
SWIS:	4101
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1992-12-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-12-09
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	277331
DEC Memo:	""
Remarks:	"DRIVER ATTEMPTED DELIV AT WRONG ADDRESS-OIL CAME OUT VENT TO SIDEWALK-SPILL TEAM ON SITE WILL P/U AND DISPOSE"

All Materials:

Site ID:	318788
Operable Unit ID:	974662
Operable Unit:	01
Material ID:	403858
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00

148-25 88TH AVE (Continued) **S102672014**

Units: G
Recovered: .00
Oxygenate: Not reported

455
SE
1/4-1/2
0.477 mi.
2516 ft.

GROUND **NY LTANKS** **S123663800**
108-43 SUTPHIN BLVD **N/A**
QUEENS, NY

Relative:
Lower

Actual:
30 ft.

LTANKS:

Name:	GROUND
Address:	108-43 SUTPHIN BLVD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1900229 / Not Reported
Facility ID:	1900229
Site ID:	586053
Spill Date:	2019-04-08
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	VSZHUNE
Referred To:	Not reported
Reported to Dept:	2019-04-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	2019-04-08
Spill Record Last Update:	2019-06-13
Spiller Name:	CHRIS STEEL
Spiller Company:	BOARD OF EDUCATION
Spiller Address:	108-43 SUPTHIN BLVD
Spiller County:	999
Spiller Contact:	CHRIS STEEL
Spiller Phone:	(718) 855-7272
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	537409
DEC Memo:	"DEC Piper spoke with Marisol at Rite Way. Tank is a 1080 and is encased. It failed a tightness test and Rite Way is setting up temp tanks and going to transfer the 400 gal into the temp tanks. Rite way will uncover the tank and determine if it can be repaired or needs to be replaced. Rite way will keep DEC Zhune informed as to the progress. 6/13/19-David Chan emailed the report dated 6/17/19. The letter stated that on April 5, 2019, Riteway was contracted by the NYC Department of Education to perform a tank and system test on 1 x 1,080 gallon fuel oil tank at 108-43 Sutphin Blvd. The initial test was inconclusive "
Remarks:	"failure only"

GROUND (Continued) **S123663800**

All Materials:

Site ID:	586053
Operable Unit ID:	1333727
Operable Unit:	01
Material ID:	2342982
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

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456 **RESIDENCE** **NY LTANKS** **S109064141**
NNW **147-03 88TH AVE.** **N/A**
1/4-1/2 **QUEENS, NY**
0.478 mi.
2524 ft.

Relative:
Higher

Actual:
64 ft.

LTANKS:

Name:	RESIDENCE
Address:	147-03 88TH AVE.
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0712287 / 2008-09-17
Facility ID:	0712287
Site ID:	393884
Spill Date:	2008-02-21
Spill Cause:	Tank Test Failure
Spill Source:	Tank Truck
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	2008-02-21
CID:	406
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-02-21
Spill Record Last Update:	2008-09-17
Spiller Name:	MARLIN JOSEPH
Spiller Company:	RESIDENCE
Spiller Address:	147-03 88TH AVE.
Spiller County:	001
Spiller Contact:	MARLIN JOSEPH
Spiller Phone:	(718) 624-4842
Spiller Extention:	112
DEC Region:	2
DER Facility ID:	343462
DEC Memo:	"2/22/08 bf: Left message for David Grossman of AAG Management

RESIDENCE (Continued) **S109064141**

(212)564-7250. Sent ttf letter to: David Grossman AAG Management, Inc. 421 7th Avenue, 15th Floor New York, NY 10001 2/25/08 Received message from David Rattenberg (212)564-7250. Plan is to abandon tank. Waiting for estimates. bf 2/26/08 Called D. Rattenberg. Not in. Left message on machine. He called back. He works for D. Grossman. I faxed ttf letter to him (212)564-7512. bf 3/7/08 Received message from D. Grossman (212)564-7250. Petroleum Tank Cleaners to do work. They are starting either Tuesday or Wednesday because they need to get a sidewalk permit. bf 3/14/08 Received message and fax from Mark Salamack of Petroleum Tank Cleaners. They will be doing repair and retest work. bf 4/1/08 Spoke to D. Rattenberg. He wanted to know what is required of him to close case. I told him I need letter responding to ttf letter from PTC. He will have them send letter. bf 4/11/08 Yesterday, received message from D. Rattenberg. He wanted to know if I received paperwork for closure. I called back and left message on machine that i have not received anything as far as I know and that he can fax what he has to me. bf 4/23/08 Spoke to Vincent. Tank will be repaired soon. bf 8/27/08 On 8/21/08, received message from David Grossman. He is awaiting final report from PTC. (212)564-7250. bf 9/17/08 Received fax from Mark Salamack of PTC. Suction line failed. This line runs from the tank underground for a length of approximately 5 feet and then is aboveground inside the building. Underground pipe was exposed and no contamination or sign of leak. PID meter did not show any elevated levels of contaminats. Suction and return lines replaced. Tank passed on 3/13/08. Passing tightness test report included. NFA. bf"

Remarks: "Tank test failure... tester says it looks like an air vent leak. Will evacuate the tank and do further testing."

All TTF:

Facility ID:	0712287
Spill Number:	0712287
Spill Tank Test:	2384729
Site ID:	393884
Tank Number:	1
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	04
Source:	03
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	393884
Operable Unit ID:	1150834
Operable Unit:	01
Material ID:	2141477
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

RESIDENCE (Continued) **S109064141**

Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

BB457 **143-18 LIBERTY AVENUE** **NY VCP** **S118943627**
SSW **143-18 LIBERTY AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.486 mi.
2564 ft. **Site 3 of 3 in cluster BB**

Relative:
Higher

Actual:
43 ft.

VCP NYC:
Project ID: 16TMP0430Q, 16EH-N327Q, 17CVCP006Q
Name: 143-18 LIBERTY AVENUE
Address: 143-18 LIBERTY AVENUE
City,State,Zip: NEW YORK CITY, NY
Borough: Queens

AZ458 **OFFICE BUILDING** **NY LTANKS** **S105995219**
NE **89-51 162ND ST** **N/A**
1/4-1/2 **QUEENS, NY**
0.487 mi.
2569 ft. **Site 2 of 2 in cluster AZ**

Relative:
Higher

Actual:
62 ft.

LTANKS:
Name: OFFICE BUILDING
Address: 89-51 162ND ST
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 0111056 / 2002-02-22
Facility ID: 0111056
Site ID: 138013
Spill Date: 2002-02-19
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2002-02-20
CID: 252
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-02-20
Spill Record Last Update: 2002-02-25
Spiller Name: UNK
Spiller Company: BAY SIDE OIL
Spiller Address: 1820 CROPSEY AVE
Spiller County: 001
Spiller Contact: ERNEST AUGUSTUS

OFFICE BUILDING (Continued) **S105995219**

Spiller Phone: (212) 274-6523
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 118018
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 2/22/2002-VOUGHT-See spill #0111004 at same location. Spill closed by Vought."
Remarks: "OIL COMPANY MADE DELIVERY AND OVERFILLED TANK CAUSING ATLEAST 200 GALLONS TO SPILL ONTO A BASEMENT FLOOR."

All Materials:
Site ID: 138013
Operable Unit ID: 848124
Operable Unit: 01
Material ID: 528656
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: G
Recovered: .00
Oxygenate: Not reported

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459 West 1/4-1/2 0.491 mi. 2593 ft. **JAMAICA SUBSTATION** **NY LTANKS S102240202**
137-30 91ST AVE **NY Spills N/A**
QUEENS, NY

Relative: Higher
Actual: 48 ft.

LTANKS:
Name: JAMAICA SUBSTATION
Address: 137-30 91ST AVE
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 0110154 / 2002-12-06
Facility ID: 0110154
Site ID: 74364
Spill Date: 2002-01-22
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: AERODRIG
Referred To: Not reported
Reported to Dept: 2002-01-22
CID: 397
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-01-22
Spill Record Last Update: 2002-12-06
Spiller Name: SAME

JAMAICA SUBSTATION (Continued) **S102240202**

Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	69803
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ E2MIS #141007 NOTES: 22-JAN-2002 17:05 HOURS: WHILE ON LOCATION FOR INSPECTION FOUND APPROXIMATELY 2' X 2' NON-PCB 138 KV DIELECTRIC FLUID DRY STAIN ON SOIL AROUND FILL PORT OUTSIDE THE FENCE OF JAMAICA S.S. FOR PUMO HOUSE #2 FROM SPILL OPERATION. NO WATER INVOLVED. SPILL IS NOT CONTAINED. NO SAMPLE TAKEN. CLEANUP PENDING CREW AVAILABILITY. 6-19-02 1057hrs S. Cataro, cleanup supervisor reports that on 1/23/02 from 0800hrs-1000hrs, Passerelli used absorbant to remove any residual fluids. Removed all visible traces of oil, washed stained areas, and excavated all contaminated bluestone and soil. THe generated waste was placed in a 15gal drum. 7-18-02 1424hrs A permanent containment system was installed to prevent future leaking. 12/01/02 1700 hours As per request of the NYSDEC, subsequent to an inspection conducted 8/7/02, Clean Venture Inc contractors were secured to vactor out more bluestone from underneath the fill port for pump house #2. (5) drums of bluestone /soil were removed. The waste was analyzed and found to be nonhazardous as per LSN 02- 10689-004 to -006. Results posted below. Incident will be resubmitted for closure. It should be indicated that not all 5 drums of soil removed were of contaminated soil. The job was competitively bid to remove a 2' x 4' x 3' area of soil. The area around the fill port had been cleaned prior, and only exhibited superfiscial contamination around the edges of the piping prior to excavation. Lab Sequence Number: 02-10689-004 TOTAL PCB 0.07 ppm Lab Sequence Number: 02-10689-005 m-Cresol < 10 ug/L p-Cresol < 10 ug/L (TCLP) RCRA Metals Analysis Arsenic as As 0.16 mg/L Barium as Ba 0.51 mg/L Cadmium as Cd < 0.05 mg/L Chromium as Cr < 0.05 mg/L Lead as Pb < 0.05 mg/L Mercury as Hg < 0.001 mg/L Selenium as Se < 0.1 mg/L Silver as Ag < 0.05 mg/L SVOC, TCLP by EPA 625/8270C/1311 o-Cresol < 10 ug/L 2,4-Dinitrotoluene < 10 ug/L Hexachlorobenzene < 10 ug/L Hexachlorobutadiene < 10 ug/L Hexachloroethane < 10 ug/L Nitrobenzene < 10 ug/L Pentachlorophenol < 100 ug/L Pyridine < 10 ug/L 2,4,5-Trichlorophenol < 10 ug/L 2,4,6-Trichlorophenol < 10 ug/L Volatiles, TCLP by EPA 624/8260B/1311 Benzene < 1 ug/L Carbon Tetrachloride < 1 ug/L Chlorobenzene < 1 ug/L Chloroform < 1 ug/L 1,2-Dichloroethane < 1 ug/L 1,1-Dichloroethene < 1 ug/L Methyl Ethyl Ketone (MEK) < 10 ug/L Tetrachloroethene < 1 ug/L Trichloroethene < 1 ug/L Vinyl Chloride < 1 ug/L 1,4-Dichlorobenzene < 1 ug/L Lab Sequence Number: 02-10689-006 DiChevrol Fluid 100 Cable Oil < 4.3 mg/Kg DiChevrol Fluid 500 Cable Oil < 4.3 mg/Kg Low Visc. Polybutene Cable Oil < 22 mg/Kg Sun #6 Cable Oil < 43 mg/Kg DiChevrol Fluid 45 Cable Oil < 4.3 mg/Kg DOW 561 Oil < 43 mg/Kg Univolt 60 Transformer Oil < 4.3 mg/Kg ERGON HYVOLT 1 Oil < 4.3 mg/Kg DEC Inspector Notes: 8-7-02 Foley and O'Connell inspected pumphouse #2. Requested that stained bluestone be removed from underneath fill box.(KMF) 12-6-02 Spoke with P. Sudol. Cleanup is completed. Spill containment is in place for fill port. (KMF)"
Remarks:	"material was spilled while tank was being filled. clean up is pending a crew. coned#141007"

JAMAICA SUBSTATION (Continued) **S102240202**

All Materials:

Site ID:	74364
Operable Unit ID:	847270
Operable Unit:	01
Material ID:	527785
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	JAMAICA SUB STATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9704070 / 2003-11-07
Facility ID:	9704070
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74380
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1997-07-04
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1997-07-04
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-07-04
Spill Record Last Update:	2003-11-12
Spiller Name:	TIM SOILCH
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	MIKE CESARE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT E2MIS 108977 ON 7/4/97 AT 1010HRS OPERATOR W. MCGREW #20488 REPORTED DIELECTRIC FLUID LEAK ON FDR 701 A&C PHASE POTHEADS IN JAMAICA S/S. WHILE MAKING INSPECTION OF FDR 701 UNDERGROUND TRANSMISSION NOTICED A&C PHASE POTHEADS LEAKING. APPROX 1 QUART LEAKED ONTO BLUESTONE PADS WERE PLACED AND STAINED BLUESTONE CLEANED UP AND PLACED INTO 55GALLON DRUM, CHEM LAB WAS CALLED TO SAMPLE

JAMAICA SUBSTATION (Continued) **S102240202**

STAINED BLUESTONE. OPERATOR MCGREW #20488 NOTIFIED S.M. CLARK # 20420 AT1010HRS ON 7/4/97. P. BYRNES #74864 AT1050HRS ON 7/4/97. ON 7/4/97 AT 1245HRS CIG SUPV. M. CESARE #55121 WAS NOTIFIED, P. BYRTNES #74864 AT 1250HRS ON 7/4/97. Persons completing checklist: P. DeVito, 04881, F. Ascosta 15856, H. Watson, 10161. Dielectric fluid, samples were taken for parameters, PCB, Benzene. Discovered 1 qt, leak weeping. Source Ao & Co leaking oil -A phase leaking from top area and C phase leaking ferom bottom gasket on the base plate structure phase piser pipe on the blue stones (placwed oil pads and picked up oily stones). Affected 6' x area under C phase pothead on blue stone. Containment/cleanup activities: removed visible traces of oil, excavated contaiminated soil, bluestone, cleanedm, drumed, tested labeled, rags & stones tightened all bolts on gasked area. Department: UT crew. Cleanup completed on 7/4/97 at 12:30. Job was completed - no oil leaking from pots cleaned all three potheads and structure all blue stones picked-up and drummed.\\ Lab Seq No.: 97-08030 PCB <1.0 97-09025 Ben <0.5 Entered by: E McQueen, 45223, 07/31/97"

Remarks: "1 QT CABLE OIL LEAKED ONTO BLUE STONE DUE TO POT HEAD LEAKING SPILL HAS BEEN CLEANED UP"

All Materials:

Site ID:	74380
Operable Unit ID:	1047019
Operable Unit:	01
Material ID:	333329
Material Code:	0020B
Material Name:	cable oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	JAMAICA SUB STATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9800780 / 1998-05-19
Facility ID:	9800780
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74381
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1998-04-17
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1998-04-17
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

JAMAICA SUBSTATION (Continued) **S102240202**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-04-17
Spill Record Last Update:	2003-03-03
Spiller Name:	MIKE CEASER
Spiller Company:	CON ED
Spiller Address:	137-30 91ST AVE
Spiller Company:	001
Contact Name:	MIKE CEASER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT 5/14/98 e-mail from Con ERT Lukshides Spill to cement and bluestone. 1 ppm PCBs. Cleaned with speedy dry and bluestone drummed. Leaking valve shut and mechanically locked. e2mis 116177 17-APR-1998 @ 15:56 OPERATOR MARX #57263 REPORTS AT 16:00 HRS OF FINDING SPILL AT JAMAICA S/S . HIT BLUESTONE APPROMIMATELY 5 GALLONS. PADS. PLACED. CONTAINED AND CLEANED. REPORTED TO SHIFT MGR. PETE BILARDELLO # 74834 REPORT ENTERED BY E2MIS ROWLEY #39847 17-APR-1998- 1645 HRS CIG M.CESARE #55121 NOTIFIED AS PER EMAIL FROM SSO SUPV C.CIATTO DATED 05-MAY-1998 @ 13:49 HRS. ECB COMPLETED CLEAN UP AND PLACED REMIDATED BLUESTONE IN DRUM FOR REMOVAL FROM STATION ON 17-APR-1998 @ 16:00 HRS. PCB COUNT IS <1PPM.REPORT UPDATED BY E2MIS RHEIN #52639 Based on a conversation between Christine Kovari and Jane O'Connell of NYSDEC on the morning of 8/26/98 concerning Jamaica transformer #4, Jane updated old DEC spill number 9704867 (our e2MIS incident #109597). This was a result of the detection of old stained soil by our Construction group subsequent to the removal of bluestone in the immediate area of Jamaica TR#4. This work was being undertaken as part of a moat installation project to provide secondary containment for TR#4. Construction is currently in the process of soliciting bids to do the excavation/cleanup work. Report entered by P Sudol #80493 9/27/98 at 1900 hours. 23-MAR-1999 11:45 AFTER CONFERRING WITH ENVIRONMENTAL SPECIALIST PETER SUDOL, IT WAS AGREED UPON THAT THIS REPORT SHOULD BE CLOSED AND THAT ANY ADDITIONAL INFORMATION SHOULD OBTAINED FROM E2MIS #106597."
Remarks:	"spill from a breather valve - spill has been cleaned up "

All Materials:

Site ID:	74381
Operable Unit ID:	1061415
Operable Unit:	01
Material ID:	322727
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	5.00
Oxygenate:	Not reported

Name:	JAMAICA SUBSTATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9808401 / 2001-06-26
Facility ID:	9808401

JAMAICA SUBSTATION (Continued) **S102240202**

Facility Type:	ER
DER Facility ID:	69803
Site ID:	74382
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4101
Spill Date:	1998-10-07
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1998-10-07
CID:	252
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-07
Spill Record Last Update:	2001-07-16
Spiller Name:	JOE DEVOTI
Spiller Company:	JAMAICA SUBSTATION
Spiller Address:	137-30 91ST AVE
Spiller Company:	001
Contact Name:	JOE DEVOTI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL DEC INSPECTOR'S NOTES While servicing feeder #701 oil line hose broke. Chem Lab was notifiedd. Removing soil and bluestone and putting 55gal. drums, no sewers or waterways affected. 21:26 Asked Dan to find out how they did cleanup and faxed copy of manifest. 6-06-01 Foley & Rodriquez inspected station on 6-06-01. No visible contamination, E2MIS report submitted by SSO. Con Ed e2mis Notes: 10-7-98 While servicing feeder 701, oil line hose broke. Removing soil and bluestone and putting it into 55gal drums. Known concentration of PCBs in dielectric fluid as <50ppm. Location is next to pumphouse #3. Removed/recovered liquids and solids. Used absorbents to remove residual fluids. Removed all visible traces of oil. Excavated contaminated soil/bluestone. "
Remarks:	"SPILL ONTO BLUE STONE AND DIRT-IN PROCESS OF BEING CLEANED UP CON ED SPILL #120384."

All Materials:

Site ID:	74382
Operable Unit ID:	1069580
Operable Unit:	01
Material ID:	315911
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

JAMAICA SUBSTATION (Continued) **S102240202**

Name:	JAMAICA SUBSTATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9811976 / 2005-07-13
Facility ID:	9811976
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74383
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1998-12-23
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1998-12-23
CID:	382
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-12-23
Spill Record Last Update:	2005-07-13
Spiller Name:	STEVEN CRIBBIN
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	STEVEN CRIBBIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC Inspector Notes: 6/6/01 During inspection, Foley and Rodriguez inspected pumphouse #3. There are many leaking valves which require repacking. Tightening of valves has not worked in stopping the leaks. Repairs are needed. Repairs do not require an outage. In the meanwhile, pumphouse should be monitored and pads changed periodically.(KMF 6/12/01) 6/29/01 O'Connell inspected pumphouse. Pads were changed since last visit, but need to be changed again. (JHO) 8/7/02 Foley and O'Connell inspected pumphouse. Pads are being maintained. Repairs still pending. Con Ed e2mis #122109 has not been updated since 3/29/99. (KMF) UPDATE 9./27/04 08:13 A new skid was installed in P.H. Substation Operator states that Valves 103-28 and 103-29 was replaced with the new skids. Leak Closed. "
Remarks:	"THERE WERE LEAKS IN VALVE NUMBERS 103-28 , 103-29. NON PCB OIL IS SPILLING. CLEAN UP WILL BE DONE AFTER REPAIRS OF THE VALVES INVOLVED. 122-109. UPDATED @ 12:20 TOTAL SPILL EQUALS 2 PTS."

All Materials:

Site ID:	74383
Operable Unit ID:	1072651
Operable Unit:	01
Material ID:	312256
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported

JAMAICA SUBSTATION (Continued) **S102240202**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	JAMAICA SUBSTATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9814974 / 2002-10-21
Facility ID:	9814974
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74384
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-03-17
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-03-17
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-03-17
Spill Record Last Update:	2002-10-21
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	STEVE ROMERO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC Inspector Notes: 6/6/01 During inspection, Foley and Rodriguez inspected transformer #2. Valve needs outage for repair. (KMF 6/12/01) 8/7/02 Foley and O'Connell inspected substation. Transformer #2 has been replaced. No current leak. (KMF) Info taken from Con Ed e2mis #123667: 2 leaks, one from radiator assembly (1gal to bluestone) and one from flange between main body and tap changer (1 pint to bluestone). Historical results show 21ppm PCB. 7-18-02 Unit was replaced."
Remarks:	"CLEANUP PENDING TEST RESULTS - REF #123667"

All Materials:

Site ID:	74384
Operable Unit ID:	1072841
Operable Unit:	01
Material ID:	308088
Material Code:	0020A
Material Name:	transformer oil

JAMAICA SUBSTATION (Continued) **S102240202**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	JAMICA SUB STATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9900575 / 1999-06-10
Facility ID:	9900575
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74385
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-04-15
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-04-15
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-15
Spill Record Last Update:	2002-06-11
Spiller Name:	MIKE CESARE
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	MIKE CESARE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis #124263: 09:10 4/14/99 T.HAIMECK #09788 O.H. REPORTED FINDING 2 OZ. TRANS. OIL ON GROUND 1'BY 1' SQ. AREA UNDER POLE T#47 S/S 123 AVE. 1 POLE E/O 142 STREET . OIL IS LEAKING FROM O.H.TRANS LOOKS LIKE 1 DROP PER. HR. IS LEAKING FROM HANDLE ON SIDE OF TRANS. UNABLE TO GET PCB READING POLE DOES NOT SHOW UP ON COMPANY RECORDS. AREA IS BEING ROPED OFF AND OIL PADS BEING PUT DOWN. A SAMPLE WILL BE TAKEN AND PUT IN FOR 4-6 HRS PRIORTY. #9 TROUBLE O.H. IS NOW ON LOCATION O9:50 4/14 . CLEAN UP PENDING OIL SAMPLE RESULTS CREW WILL STAND BY AT LOCATION. NO SEWERS OR WATERWAYS WERE AFFECTED.NOTIFIED R.CONSENTINO ENVIRONMENTAL 09.30 4/14 AT 10:25 J .CALLAGAN #52262 O.S. I&A CALLED REPORTING FOUND NO TRANS. OIL ON GROUND CLAIMS OIL STAIN ON GROUND WAS MOTOR OIL STAIN FROM SOME ONE WHO MIGHT HAVE CHAINGED HIS OIL IN STREET. #9 TROUBLEMAN WIPED DOWN SIDE OF TRANS. WITH RAG FOUND NO WET OIL ON RAG CLAIMS TRANS. NOT LEAKING AT 10:30 T.HAIMECK CALLED BACK SAYING HE SEES OIL ON HANDLE

JAMAICA SUBSTATION (Continued) **S102240202**

OF TRANS TOLD TO STAND BY WILL CALL E.R.T. TO SEE WHAT THEY WANT TO DO. SPOKE TO M.KESSLER AT 10:35 HE WILL NOTIFY R. CONSENTINO C.E. ENVIRONMENTAL TO RESPOND TO LOCATION TO CHECK TO SEE IF THERE IS A LEAK. UPDATE 12:35 4/14 R. COSENTINO CALLED REPORTING HE FOUND TRANS. ON POLE T47 TO BE LEAKING SPILL WILL BE CLEANED UP AS 50-499 PPM PCB B.SALDINO FLUSH DEPT. NOTIFIED AT 12:45 4/14 E.P.A #NYP00094845. NOTIFIED S. CRIBBIN CIG 12:55 OF UPDATE. 4-14-99 13:15HRS RON. COSENTINO REPORTS, OUTSIDE HISTROTICAL REPORT INDICATES SAMPLE WAS DONE 5-7-92 <1.OPPM. ALSO RON IS REQUESTING PHOTOGRAPHER. S.PACE 49874. 13:30 PHOTOGRAPHER ON HIS WAY. S.PACE 49874. 13:45 RON COSENTINO EXPLAINED TO OWNER MRS. STEELE AT 142-10 123 AVE (PHONE # 659-1457) THAT AS A PERCAUTION MEASURE , WE WILL BE REMOVING 3-4'' OF SOIL FROM GRASS AREA UNDER T.M . ALSO RON CHECKED ADJACENT HOMES 142-08 & 142-12 CHECKED OUT O.K. FLUSH ON LOC. S.PACE 49874. 14:15HRS R. CONSENTINO REPORTS, PHOTOGRAPHER ON LOC & TAKING PICTURES OF AREA. TRANSFORMER BAGGED & ENV. OPS STARTING CLEANUP. S.PACE 49874. 4-14-99 4:24HRS LAB SEQ# 99-03822 <1.0PPM. 4-14-99 17:45HRS 3X10' OF TOP SOIL 4 DEEP DRUMMED & REFILLED WITH TOP SOIL. ALSO 13 COBBLE STONES DOUBLED WASHED CLEANUP COMPLETED."

Remarks: "LEAKING POTHEAD AT ABOVE LOCATION. REPAIRS AND CLEAN UP UNDER WAY ALL MATERIAL EXPECTED TO BE RECOVERED. CON ED # NOT AVAILABLE AT TIME OF CALL."

All Materials:

Site ID:	74385
Operable Unit ID:	1075350
Operable Unit:	01
Material ID:	307703
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	JAMACIA SUB STATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9901245 / 2001-06-13
Facility ID:	9901245
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74386
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-05-03
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-05-03
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party

JAMAICA SUBSTATION (Continued) **S102240202**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-05-03
Spill Record Last Update:	2001-06-13
Spiller Name:	Not reported
Spiller Company:	JAMACIA SUB STATION
Spiller Address:	137-30 91ST AVE
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL DEC Inspector Notes: 6-6-01 Foley and Rodriguez inspected Capacitor Bank #1 inside building. Bank was energized and could view from approximately 6 feet away. Could see an outline of a stain on concrete floor underneath a capacitor can. Larry Machi stated that the cap had been replaced. Appeared that cleanup had been completed and repairs made. (KMF 6/13/01) "
Remarks:	"caller stated capacitor failed. (5 round stain on floor) con ed #124596"

All Materials:

Site ID:	74386
Operable Unit ID:	1076017
Operable Unit:	01
Material ID:	304791
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	JAMAICA SUBSTATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9901467 / 2004-03-08
Facility ID:	9901467
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74387
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	4101
Spill Date:	1999-05-07
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-05-07
CID:	312
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party

JAMAICA SUBSTATION (Continued) **S102240202**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-05-07
Spill Record Last Update:	2004-03-08
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL DEC INSPECTOR NOTES. 5-17-99 2:15 pm Transformer oil according to C. Kovari. Found new leak, started cleaning and found historical contamination around transformer #3. Test shows 173ppm PCB. 6-6-01 Foley and Rodriguez inspected substation. Wet stain on bluestone noted as new oil from a leak from top of transformer that occurred last week according to station operator Machi. Historical contamination was seen around entire transformer. Bluestone to be removed. (KMF 6/13/01) 3/8/04: Bluestone and soil removal completed by Con Edison - post-excavation samples indicate no elevated concentrations of contamination. Close out. (JHO) ~~~~~~~~~~~~~~~~~~~~~~~~ CON ED E2MIS 124720: At Jamaica S/S found approx. 1/2 pt transaformer oil leaked from Transformer #3 onto bluestone. No sewers or waterways affected. Absorbant pads placed on affected area. Cleanup pending test results. 5-17-99 19:50 Cleanup was completed on May 11,1999. Field forces removed /recovered liquid /soilds, excavated contaminated soil and bluestone, and placed oil absorbant pads. The samples taken from the 27 KV bus cans came back with a PCB count of <1ppm. The soil results from the same area indicated a PCB count of 176ppm; from the main body <3ppm; from the radiator bank soil <1ppm. 05-JAN-2000 18:30 ELECTRONIC DOCUMENTATION OF BLUESTONE SAMPLES TAKEN FROM THE SIX DISPOSAL DRUMS RECEIVED FROM PETER SUDOL INDICATES THE FOLLOWING COUNTS FOR PCB: DRUM # 99-170-067 (10 PPM, AS PER LSN 99-05450-001) DRUM # 99-170-068 (31 PPM, AS PER LSN 99-05450-002) DRUM # 99-170-070 (3 PPM, AS PER LSN 99-05450-003) DRUM # 99-170-071 (3 PPM, AS PER LSN 99-05450-004) DRUM # 99-170-072 (2 PPM, AS PER LSN 99-05450-005) DRUM # 99-170-073 (4PPM, AS PER LSN 99-05450-005) 6/18/01 Lab Sequence Number: 01-06225-001 SAMPLE POINT #1 PCB 30 PPM Lab Sequence Number: 01-06225-002 SAMPLE POINT #2 PCB 4 PPM Lab Sequence Number: 01-06225-003 SAMPLE POINT #3 PCB 715 PPM Lab Sequence Number: 01-06225-005 SAMPLE POINT #5 PCB <1 PPM Lab Sequence Number: 01-06225-006 SAMPLE POINT #6 PCB <1 PPM Lab Sequence Number: 01-06225-007 SAMPLE POINT #7 PCB <1 PPM Lab Sequence Number: 01-06225-008 SAMPLE POINT #8 PCB <1 PPM Lab Sequence Number: 01-06225-009 SAMPLE POINT #9 PCB <1 PPM Lab Sequence Number: 01-06225-010 SAMPLE POINT #10 PCB <1 PPM 6/2/03 As per maxmio # 0000105753 TRANS #3 A,B,AND C PHASES - LEAKS BY VENTS AND RADIATORS has been completed the incident may be closed."
Remarks:	"1/2 PINT SPILLED TO BLUE STONE - CASE #124720"

All Materials:

Site ID:	74387
Operable Unit ID:	1076240
Operable Unit:	01
Material ID:	305011

JAMAICA SUBSTATION (Continued) **S102240202**

Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	JAMAICA SUBSTATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9901544 / 2001-06-26
Facility ID:	9901544
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74388
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4101
Spill Date:	1999-05-10
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-05-10
CID:	382
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-05-10
Spill Record Last Update:	2003-04-08
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	STEVEN CRIBBIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT CON ED E2MIS NOTES 7-22-99 10:18 hrs. 5-10-99 Found 1 1/2 pt.of dielectric oil (nonPCB) on FDR 701 Pot Head C Phase. Spill is contained, did not leak to ground, no sewers or waterways affected. Diapers and pads placed. 11:15 hrs. Noticed 3-4 drops per minute leaking onto diaper, there is no pan under this leak, diapers are down directly on bluestone. 8-25-99 T. Germano lead meachanic made an inspection and found no oil leaks. This incident is not a spill, material never came in contact with the environment. "
Remarks:	"1 1/2 PT SPILL ONTO SURROUNDING SOIL FROM FEEDER 701 . EQUIPTMENT WILL BE REMOVED AND SOIL WILL BE CLEANED. CON ED 124-757"

All Materials:

Site ID:	74388
Operable Unit ID:	1080304

JAMAICA SUBSTATION (Continued) **S102240202**

Operable Unit:	01
Material ID:	305082
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	JAMAICA SUB STATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9904347 / 2002-10-11
Facility ID:	9904347
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74389
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-07-13
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-07-13
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-13
Spill Record Last Update:	2002-10-11
Spiller Name:	MIKE CESARE
Spiller Company:	JAMAICA SUB STATION
Spiller Address:	137-30 91ST AVE
Spiller Company:	001
Contact Name:	MIKE CESARE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL DEC Inspector Notes: 6-6-01 Foley and Rodriguez inspected transformer #1. Temperature probe has been repaired. 8-7-02 Foley and O'Connell inspected transformer #1. Con Ed e2mis Notes: 7-13-99 Senior Substation Operator found 2qts transformer oil non-PCB which leaked from trans. #1 by the top of the transformer. Oil on concrete pad. Pads and pigs were put down to contain the leak. The leak was found during routine inspections. 1-16-01 Email from Angelo Cnapich indicates that the incident was cleaned up on 7-14-99 at 1500 and leak was repaired on 8-12-00. 2-15-02 This incident has been closed out and sent to NYSDEC for approval."
Remarks:	"LEAKING TEMPERATURE PROBE FROM TRANSFORMER #1-MAINTENANCE ENROUTE

JAMAICA SUBSTATION (Continued) **S102240202**

FOR CLEAN UP AND REPAIRS- CON ED #126422"

All Materials:

Site ID:	74389
Operable Unit ID:	1083236
Operable Unit:	01
Material ID:	304232
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	JAMAICA SUBSTATION
Address:	137-30 91ST AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9908294 / 2001-06-26
Facility ID:	9908294
Facility Type:	ER
DER Facility ID:	69803
Site ID:	74390
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-10-08
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-10-08
CID:	216
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-08
Spill Record Last Update:	2001-07-16
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	MARK SCHLAGEL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC INSPECTOR'S NOTES CON ED E2MIS REPORT 10-08-99 A Phase bushing leaked approx. 4oz. of oil onto lower cabin. It does not appear to have hit the cement floor at this time. No sewer or waterway affected. Cleanup pending lab results. 1-17-01 Upon visual inspection, the area was found to be clean and the bushing bolts were tightened."
Remarks:	"FAULTY A PHASE BUSHING CON ED REF #128315 THEY WILL CLEAN UP PENDING

JAMAICA SUBSTATION (Continued) **S102240202**

TEST RESULTS "

All Materials:

Site ID:	74390
Operable Unit ID:	1082572
Operable Unit:	01
Material ID:	297406
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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

460
ENE
1/4-1/2
0.492 mi.
2599 ft.

YORK COLLEGE **NY LTANKS** **S108639378**
94-20 GUY BREWER BLVD **N/A**
QUEENS, NY

Relative:
Higher

Actual:
53 ft.

LTANKS:

Name:	YORK COLLEGE
Address:	94-20 GUY BREWER BLVD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0700361 / 2007-05-10
Facility ID:	0700361
Site ID:	379691
Spill Date:	2007-04-11
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	2007-04-11
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-11
Spill Record Last Update:	2007-05-10
Spiller Name:	GEORGE FELLOWS
Spiller Company:	YORK COLLEGE
Spiller Address:	94-20 GUY BREWER BLVD
Spiller County:	001
Spiller Contact:	GEORGE FELLOWS
Spiller Phone:	(718) 262-2203

YORK COLLEGE (Continued) **S108639378**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	329192
DEC Memo:	"4/12/07 Sent ttf letter to: George Fellows York College - CUNY Buildings and Grounds Dept. 94-20 Guy R. Brewer Blvd. Jamaica, NY 11451 called George Fellows (718)262-2203. Left message to call back. Mr. Fellows called back and left a message at 10 am. The tank was taken out of service. Tank proposal was faxed to him for repair and retest. The facility has one other tank that could be used for heating, but they are currently using natural gas. I called him back at 2:50 pm and left message that ttf letter was sent to him. bf 5/10/07 On 5/9/07, received fax from Abby of Fenley & Nicol Environmental. Fax included tightness test results for failure on 4/11/07 asnd passing rewsults for 5/8/07. Also, TTF Check Sheet was included. Recived message from Brian Lanahan of F&N (631)586-4900 ext. 139. Abby is his assistant at ext. 149. NFA. bf"
Remarks:	"THE SOUTH TANK: - FURTHER TROUBLE SHOOT NEEDED TO FIND PROBLEM"

All TTF:

Facility ID:	0700361
Spill Number:	0700361
Spill Tank Test:	1550759
Site ID:	379691
Tank Number:	1
Tank Size:	20000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	379691
Operable Unit ID:	1137175
Operable Unit:	01
Material ID:	2127133
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

461
SSE
1/4-1/2
0.497 mi.
2624 ft.

108-26 LIVERPOOL ST
108-26 LIVERPOOL ST
JAMAICA, NY

NY LTANKS **S102671759**
N/A

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	108-26 LIVERPOOL ST
Address:	108-26 LIVERPOOL ST
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	9108595 / 1991-11-13
Facility ID:	9108595
Site ID:	202937
Spill Date:	1991-11-11
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Not reported
Cleanup Ceased:	1991-11-13
SWIS:	4101
Investigator:	GELLER
Referred To:	Not reported
Reported to Dept:	1991-11-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-11-25
Spill Record Last Update:	1991-12-06
Spiller Name:	Not reported
Spiller Company:	SOHO FUEL OIL
Spiller Address:	134-04 FARMERS BLVD
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	168789
DEC Memo:	""
Remarks:	"CONTAINED ON CONCRETE FLOOR IN BASEMENT"

All Materials:

Site ID:	202937
Operable Unit ID:	958881
Operable Unit:	01
Material ID:	420731
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

462
NNE
1/4-1/2
0.498 mi.
2628 ft.

160-11 89TH AVE
160-11 89TH AVE
JAMAICA, NY

NY LTANKS **S108467735**
N/A

Relative:
Higher

Actual:
61 ft.

LTANKS:

Name:	160-11 89TH AVE
Address:	160-11 89TH AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0612572 / 2007-06-26
Facility ID:	0612572
Site ID:	377432
Spill Date:	2007-02-20
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2007-02-20
CID:	73
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-02-20
Spill Record Last Update:	2007-06-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	HILLSIDE AVE DEVELOPEMENT
Spiller Phone:	(917) 817-8455
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	326989
DEC Memo:	"DEC Piper repsonded to site. Approx 75-100 gallons of #2 on parking lot and into street. Area is iced over so removal is tough. Area is approx 60' in dia. T &S was subbed by Castle. This spill was a surface spill to asphault. Piper observed T& S cleaning. This spill is closed,"
Remarks:	"SPILL IS ONTO A PARKING LOT. SOME OIL IS ALSO ON THE SIDEWALK. DRIVER IS ON SCENE, OTHER CREWS ENROUTE."

All Materials:

Site ID:	377432
Operable Unit ID:	1134966
Operable Unit:	01
Material ID:	2124849
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	35.00
Units:	G

160-11 89TH AVE (Continued) **S108467735**

Recovered: .00
Oxygenate: Not reported

463
NW
1/4-1/2
0.499 mi.
2636 ft.

88-15 144TH ST **NY LTANKS** **S100145076**
88-15 144TH ST **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
61 ft.

LTANKS:

Name:	88-15 144TH ST
Address:	88-15 144TH ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8800520 / 1992-09-30
Facility ID:	8800520
Site ID:	201681
Spill Date:	1988-04-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	1992-09-30
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-04-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-04-22
Spill Record Last Update:	1994-05-12
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	167799
DEC Memo:	""
Remarks:	"5K TANK FAILED WITH A LEAK RATE OF -.151GPH, WILL EXCAVATE AND RETEST."

All TTF:

Facility ID:	8800520
Spill Number:	8800520
Spill Tank Test:	1533669
Site ID:	201681
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported

88-15 144TH ST (Continued) **S100145076**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	201681
Operable Unit ID:	916131
Operable Unit:	01
Material ID:	459707
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

464
NNW
1/2-1
0.513 mi.
2711 ft.

148-28 HILLSIDE AVENUE-OER **NY SHWS** **S120706235**
148-28 HILLSIDE AVENUE **N/A**
QUEENS, NY 11435

Relative:
Higher

Actual:
67 ft.

SHWS:

Name:	148-28 HILLSIDE AVENUE-OER
Address:	148-28 HILLSIDE AVENUE
City,State,Zip:	QUEENS, NY 11435
Program:	HW
Site Code:	537812
Classification:	P
Region:	2
Acres:	0.4
HW Code:	241199
Record Add:	12/27/2016
Record Upd:	04/11/2019
Updated By:	SXDEWES
Site Description:	Not reported
Env Problem:	Not reported
Health Problem:	As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported

148-28 HILLSIDE AVENUE-OER (Continued) **S120706235**

Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

465
NW
1/2-1
0.605 mi.
3192 ft.

FORMER DURASPEC ELECTROPLATING **NY SHWS** **S121933854**
87-83 139TH STREET **N/A**
JAMAICA, NY 11435

Relative:
Higher

Actual:
59 ft.

SHWS:

Name:	FORMER DURASPEC ELECTROPLATING
Address:	87-83 139TH STREET
City,State,Zip:	JAMAICA, NY 11435
Program:	HW
Site Code:	549987
Classification:	P
Region:	2
Acres:	0.114
HW Code:	241204
Record Add:	05/25/2017
Record Upd:	11/13/2017
Updated By:	JHOCONNE
Site Description:	Location: The 0.114 acre (4950 square feet) site is located at 87-83 139th Street in Jamaica, Queens County, NY, in an urban area. Site Features: The Site currently consists of a vacant 2-story steel frame construction building, with a small alley located adjacent to the northern side of the building. Current Zoning and Land Use: The site is currently zoned as C2-4 (commercial) and is located adjacent to a commercial facility to the north, and a residential property to the south. Past Use of the Site: This site was utilized by Duraspec Electroplating from 1998 to 2015. Duraspec Electroplating performed chromium, nickel, cadmium, copper, gold, nickel, silver, and zinc electroplating. The facility had a wastewater treatment area in the eastern portion of the building. In July 2000 a fire in a neighboring building caused damage to some electroplating process tanks and containers of virgin chemicals stored in the alley. A second fire occurred inside the facility in August 2000 which resulted in significant damage to its plating tanks and wastewater treatment

FORMER DURASPEC ELECTROPLATING (Continued) **S121933854**

units. A significant amount of plating solutions and untreated wastewater were released to the floor. The property was purchased by Hastings Capital, LLC in January 2016. Facility decommissioning and closure is being completed by the new owner under an approved RCRA Closure Plan. EPA ID no. NYD012379798 is associated with the site. Site Geology and Hydrogeology: Groundwater this site is approximately 40 ft below grade.

Env Problem: Nature and Extent of Contamination: Shallow soil samples and groundwater samples have been collected at the site and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals and PCBs. Contaminants of concern identified in soil include metals. Soil As a result of contamination found in the soil borings collected in January 2017, a total of 1,357 tons of soil were excavated and removed. Excavation endpoint samples identified cadmium at a maximum concentration of 420 parts per million (ppm), chromium at a maximum concentration of 610 ppm, silver at 47 ppm, mercury at 0.3 ppm, and cyanide 110 ppm. Groundwater Petroleum VOCs ethylbenzene and xylene were detected in one of the 2 on-site monitoring wells at concentrations of 38 parts per billion (ppb) and 8 ppb, respectively. Other petroleum VOCs were also found at concentrations nominally above their respective groundwater standards. The VOCs are likely attributable to a spill on an adjacent gas station. No VOCs or dissolved metals were detected at concentrations exceeding the groundwater standards. Soil Vapor no soil vapor samples have been collected. Significant Threat: No evaluation has been made thus far to determine if the contaminants represent an environmental or human health significant threat.

Health Problem: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Applicant/Requestor
Sub Type: E
Owner Name: Robert Birnbaum, Principals
Owner Company: Hastings Capital LLC
Owner Address: 320 Northern Blvd., Suite 14
Owner Addr2: Not reported
Owner City,St,Zip: Great Neck, NY 11021
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported

FORMER DURASPEC ELECTROPLATING (Continued) **S121933854**

Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

466
East
1/2-1
0.806 mi.
4254 ft.

107-35 MERRICK BLVD-OER
107-35 MERRICK BLVD.
JAMAICA, NY 11433

NY SHWS **S122449255**
N/A

Relative:
Lower

Actual:
31 ft.

SHWS:
Name: 107-35 MERRICK BLVD-OER
Address: 107-35 MERRICK BLVD.
City,State,Zip: JAMAICA, NY 11433
Program: HW
Site Code: 574182
Classification: P
Region: 2
Acres: 0.49
HW Code: 241227
Record Add: 07/26/2018
Record Upd: 08/01/2019
Updated By: MJKOMORO
Site Description: Location: The 107-35 Merrick Boulevard site is located in a generally residential and commercial area in the Jamaica section of Queens, New York. The site is bordered by Merrick Boulevard to the west, an auto repair shop to the north, a mixed-use building to the south, and residential homes to the east. The site is approximately .488 acres (21,282 square-feet) in area. Site Features: The property is improved with a single one-story, 3,800 square-foot, slab on grade commercial building. A large portion of the site consists of either an asphalt or gravel parking lot. Site access is restricted through the presence of a steel panel fence along Merrick Boulevard. Current Zoning and Land Use: The site is currently zoned for residential and commercial use and sits within an R4-1 zoning district with a C2-4 commercial overlay. The site is currently vacant. Past Use of the Site: The on-site building was constructed in 1973 and was used most recently as a diesel bus repair facility. Other past uses include a knitting mill, gasoline service station, and home heating oil delivery operation. These past uses are considered to be of environmental concern. A Phase 1 Environmental Site Assessment dated April 17, 2014 and the Draft Remedial Investigation Report dated June 2018 have been completed for this property. Site Geology and Hydrogeology: The site is underlain by asphalt pavement and supporting rocky fill to a depth of approximately six inches. Below the rocky fill is brown fine-grained sand grading into reddish-brown, stratified to medium to coarse grained sands with sub-rounded quartz pebbles and sub-angular rock fragments. These sands are likely native glacial outwash deposits and continue to a depth of 20 feet below ground surface (bgs). Depth to bedrock is approximately 450 feet. Depth to groundwater is approximately 14 to 14.5 feet bgs. Groundwater flows from north to south across the site based on well data.
Env Problem: Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based on investigations performed to date, the primary contaminants of concern are elevated tetrachloroethene(PCE) and trichloroethene(TCE). Soil Vapor - concentrations of PCE in soil

107-35 MERRICK BLVD-OER (Continued) **S122449255**

	vapor range from 1,080 g/m3 to 552,000 g/m3 along with a maximum concentration of TCE detected on site of 2,250 g/m3 in the five on-site soil vapor probe locations sampled. Soil - no VOCs, SVOCs, metals, PCBs, or pesticides were detected above6NYCRR Part 375-5 Commercial Soil Cleanup Objectives (SCOs). Four SVOCs, Benzo(a)anthracene (UUSCO 1ppm, max. 1.1ppm), Benzo(b)fluoranthene (UUSCO 1ppm, max. 1.5ppm), Chrysene (UUSCO 1ppm, max. 1.3ppm), and Indeno(1,2,3-c,d)pyrene (UUSCO .5ppm, max. .85ppm), exceeded their Unrestricted Use SCOs. Other Unrestricted Use SCO exceedances include copper (UUSCO 50ppm, max. 181ppm), lead (UUSCO 27ppm, max. 125ppm), mercury (UUSCO .18ppm, max. .24ppm), and zinc (UUSCO 109ppm, max. 233ppm). Groundwater - concentrations for PCE slightly exceeded New York State Groundwater Quality Standards with a maximum concentration of 6.3 ug/l (NYSGWS max. 5 ug/l). Additionally, sodium and manganese were detected above their respective standards in all seven well samples. Further site investigation is needed to determine the extent and possible source of site-related contamination.
Health Problem:	As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Owner
Sub Type:	E
Owner Name:	Mark Koplowitz
Owner Company:	Calmark Realty Corp.
Owner Address:	12 Lawrence Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
QUEENS	S113922096	JAMAICA HOLDER STATION	158TH ST. & LIBERTY AVE	11451	NY VCP
QUEENS	S106122264	CEDAR MANOR A08 (LIRR)	158TH STREET AND TRACKS	11418	NY SHWS, NY VCP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/04/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/30/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 10/16/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 8
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 08/29/2019
Number of Days to Update: 16
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 21
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 06/14/2019
Number of Days to Update: 84
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 64

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/30/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/01/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SUFFOLK CO TANKS: Storage Tank Database
Facilities that have no tank information

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 08/05/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/14/2019
Number of Days to Update: 69

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/02/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

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

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 08/29/2019
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/23/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/05/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 18

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/03/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 11/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 85
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2019
Next Scheduled EDR Contact: 01/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3
Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/30/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/06/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 140

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/04/2019
Date Made Active in Reports: 06/19/2019
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 93

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 84

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 91

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

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

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/14/2019
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

UIC: Underground Injection Control Wells
A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 13

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers
This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 07/09/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 51

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 10/16/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/10/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 27

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/10/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 27

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/04/2019
Number of Days to Update: 80

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

95-04 149TH STREET, QUEENS, NY 11435
95-04 149TH STREET
JAMAICA, NY 11435

TARGET PROPERTY COORDINATES

Latitude (North):	40.698633 - 40° 41' 55.08''
Longitude (West):	73.804112 - 73° 48' 14.80''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	601036.5
UTM Y (Meters):	4505779.5
Elevation:	38 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940539 JAMAICA, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

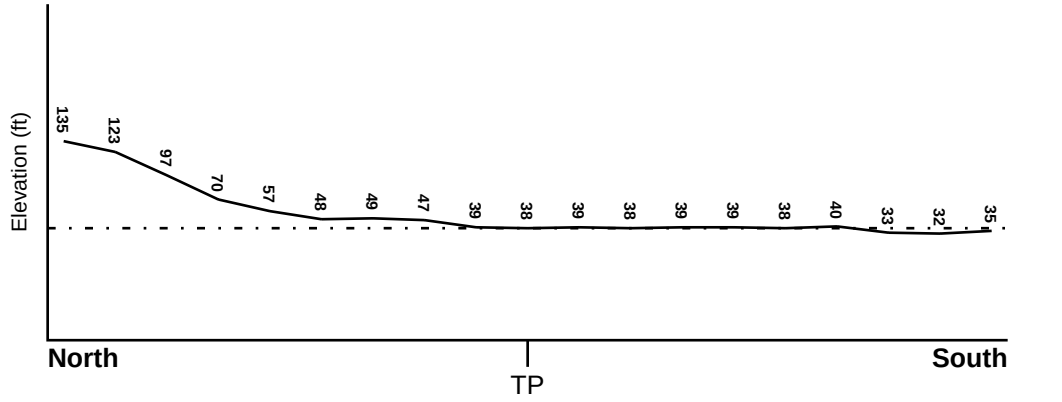
TOPOGRAPHIC INFORMATION

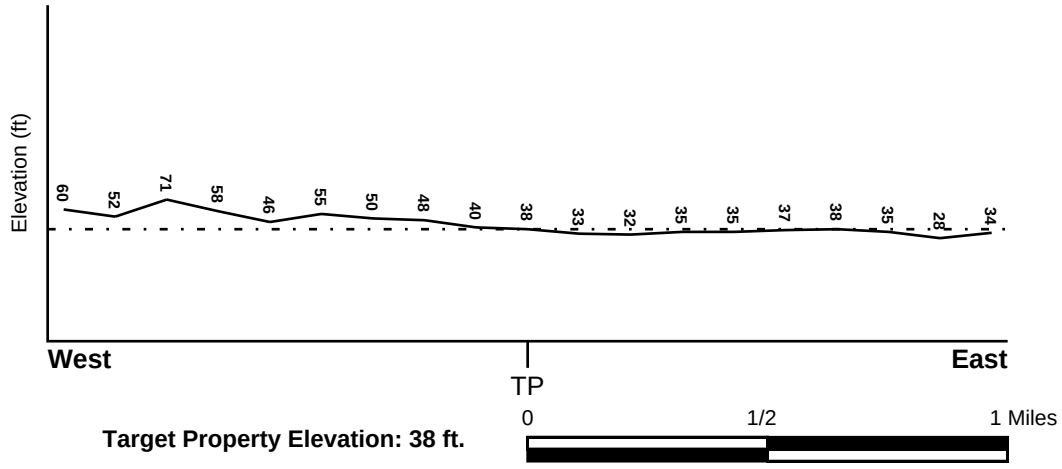
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





0 1/2 1 Miles

Target Property Elevation: 38 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970059B	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
3604970229F	FEMA FIRM Flood data
3604970067B	FEMA Q3 Flood data
3604970237F	FEMA FIRM Flood data
3604970241F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JAMAICA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000828908	1/8 - 1/4 Mile West
2	USGS40000829016	1/8 - 1/4 Mile North
3	USGS40000828907	1/8 - 1/4 Mile East
4	USGS40000829050	1/4 - 1/2 Mile NNE
5	USGS40000828786	1/4 - 1/2 Mile SW
A6	USGS40000829040	1/4 - 1/2 Mile NW
A7	USGS40000829051	1/4 - 1/2 Mile NW
A8	USGS40000829062	1/4 - 1/2 Mile NW
9	USGS40000829077	1/4 - 1/2 Mile NNE
10	USGS40000828815	1/4 - 1/2 Mile ESE
11	USGS40000829030	1/4 - 1/2 Mile WNW
12	USGS40000828822	1/4 - 1/2 Mile WSW
B13	USGS40000829089	1/4 - 1/2 Mile NE
B14	USGS40000829090	1/4 - 1/2 Mile NE
15	USGS40000829137	1/4 - 1/2 Mile NNW
B16	USGS40000829109	1/2 - 1 Mile NE
17	USGS40000828740	1/2 - 1 Mile SW
B18	USGS40000829110	1/2 - 1 Mile NE
C19	USGS40000829136	1/2 - 1 Mile NE
C20	USGS40000829135	1/2 - 1 Mile NE
D21	USGS40000829015	1/2 - 1 Mile ENE
D22	USGS40000829014	1/2 - 1 Mile ENE
C23	USGS40000829148	1/2 - 1 Mile NE
E24	USGS40000829201	1/2 - 1 Mile NNE
E25	USGS40000829200	1/2 - 1 Mile NNE
F26	USGS40000828800	1/2 - 1 Mile ESE
F27	USGS40000828801	1/2 - 1 Mile ESE
28	USGS40000829185	1/2 - 1 Mile NE
29	USGS40000829088	1/2 - 1 Mile ENE
30	USGS40000829049	1/2 - 1 Mile ENE
31	USGS40000828696	1/2 - 1 Mile SW
G32	USGS40000829176	1/2 - 1 Mile NE
G33	USGS40000829175	1/2 - 1 Mile NE
34	USGS40000829241	1/2 - 1 Mile NNE
35	USGS40000828591	1/2 - 1 Mile South
H39	USGS40000828834	1/2 - 1 Mile East
H40	USGS40000828835	1/2 - 1 Mile East
H41	USGS40000828814	1/2 - 1 Mile East
I42	USGS40000828971	1/2 - 1 Mile West
I43	USGS40000828954	1/2 - 1 Mile West
44	USGS40000828844	1/2 - 1 Mile West
J45	USGS40000828785	1/2 - 1 Mile ESE
I46	USGS40000828956	1/2 - 1 Mile West
I47	USGS40000828955	1/2 - 1 Mile West
I48	USGS40000828972	1/2 - 1 Mile West
49	USGS40000828618	1/2 - 1 Mile SE
J52	USGS40000828775	1/2 - 1 Mile ESE
L53	USGS40000829128	1/2 - 1 Mile WNW
J56	USGS40000828779	1/2 - 1 Mile ESE
M57	USGS40000828527	1/2 - 1 Mile South
M58	USGS40000828528	1/2 - 1 Mile South
M59	USGS40000828529	1/2 - 1 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K60	USGS40000828768	1/2 - 1 Mile ESE
L61	USGS40000829138	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

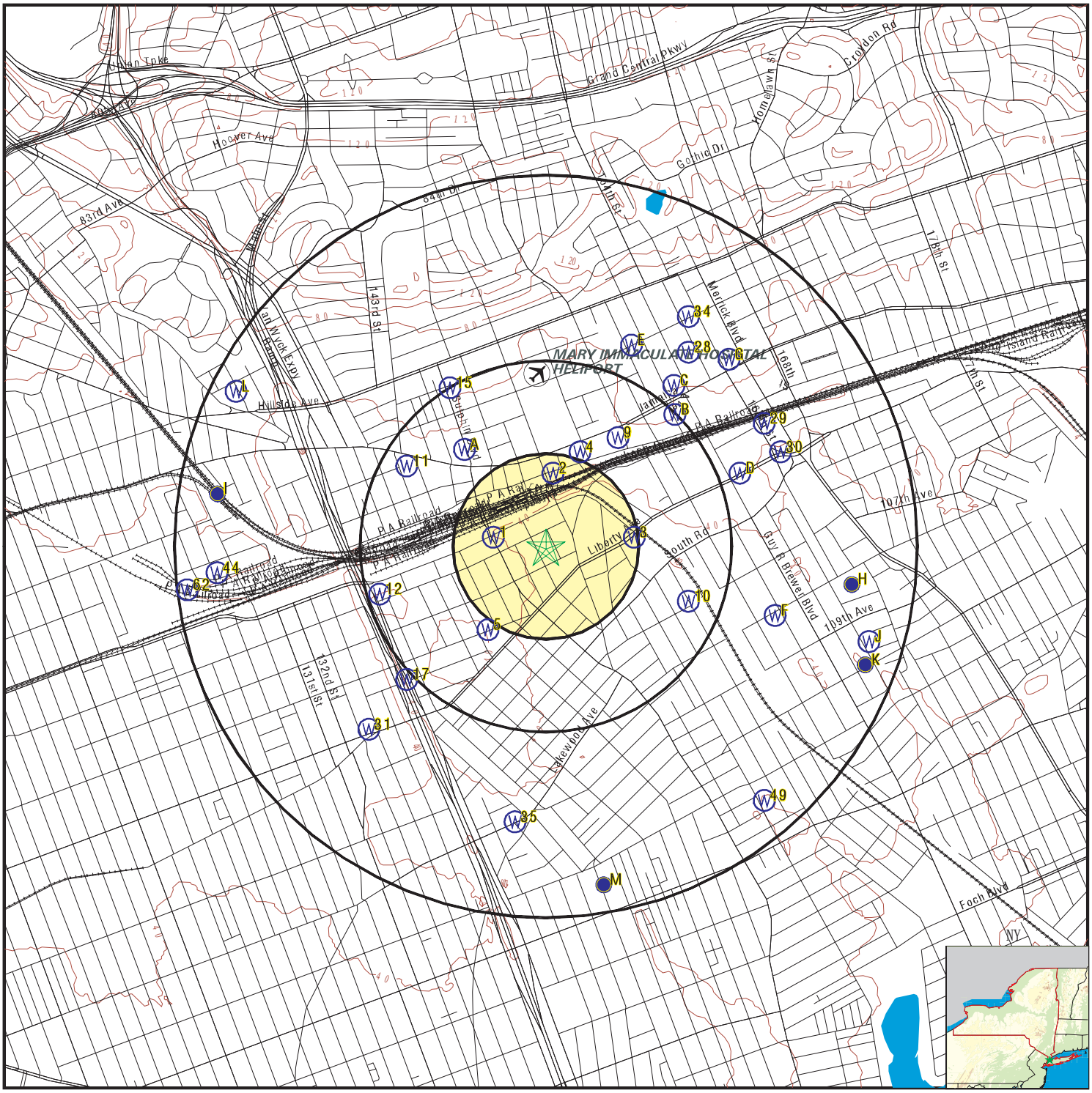
MAP ID	WELL ID	LOCATION FROM TP
H38	NY0011735	1/2 - 1 Mile East

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H36	NYWS006419	1/2 - 1 Mile East
H37	NYWS006420	1/2 - 1 Mile East
K50	NYWS006424	1/2 - 1 Mile ESE
K51	NYWS006425	1/2 - 1 Mile ESE
M54	NYWS006443	1/2 - 1 Mile South
I55	NYWS006409	1/2 - 1 Mile West
62	NYWS006421	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5857935.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	95-04 149th Street, Queens, NY 11435	CLIENT:	PVE, LLC.
ADDRESS:	95-04 149th Street Jamaica NY 11435	CONTACT:	Tara Alvarado
LAT/LONG:	40.698633 / 73.804112	INQUIRY #:	5857935.2s
		DATE:	November 05, 2019 4:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
West
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000828908**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1064. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

2
North
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000829016**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 82. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	6	Level reading date:	1950-12-06
Feet below surface:	Not Reported	Feet to sea level:	9.09
Note:	The site had been pumped recently.		

Level reading date:	1950-05-04	Feet below surface:	Not Reported
Feet to sea level:	10.46	Note:	The site had been pumped recently.
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	12.69	Note:	The site had been pumped recently.
Level reading date:	1948-12-15	Feet below surface:	Not Reported
Feet to sea level:	11.71	Note:	The site had been pumped recently.
Level reading date:	1948-04-26	Feet below surface:	Not Reported
Feet to sea level:	11.55	Note:	The site had been pumped recently.
Level reading date:	1948-01-19	Feet below surface:	Not Reported
Feet to sea level:	12.84	Note:	The site had been pumped recently.

3
East
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000828907**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1252. 1	Type:	Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	60
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	474	Level reading date:	1980-12-17
Feet below surface:	Not Reported	Feet to sea level:	0.91
Note:	Not Reported		

Level reading date:	1979-12-17	Feet below surface:	Not Reported
Feet to sea level:	0.91	Note:	Not Reported
Level reading date:	1979-09-17	Feet below surface:	Not Reported
Feet to sea level:	1.11	Note:	Not Reported
Level reading date:	1979-06-21	Feet below surface:	Not Reported
Feet to sea level:	0.90	Note:	Not Reported
Level reading date:	1979-03-12	Feet below surface:	Not Reported
Feet to sea level:	-0.88	Note:	Not Reported
Level reading date:	1978-12-21	Feet below surface:	Not Reported
Feet to sea level:	-2.11	Note:	Not Reported
Level reading date:	1978-10-03	Feet below surface:	Not Reported
Feet to sea level:	1.01	Note:	Not Reported
Level reading date:	1978-06-23	Feet below surface:	Not Reported
Feet to sea level:	4.58	Note:	Not Reported
Level reading date:	1978-04-04	Feet below surface:	Not Reported
Feet to sea level:	4.78	Note:	Not Reported
Level reading date:	1978-01-04	Feet below surface:	Not Reported
Feet to sea level:	2.91	Note:	Not Reported
Level reading date:	1977-10-03	Feet below surface:	Not Reported
Feet to sea level:	2.28	Note:	Not Reported
Level reading date:	1977-07-05	Feet below surface:	Not Reported
Feet to sea level:	1.51	Note:	Not Reported
Level reading date:	1977-03-25	Feet below surface:	Not Reported
Feet to sea level:	1.67	Note:	Not Reported
Level reading date:	1977-03-10	Feet below surface:	Not Reported
Feet to sea level:	1.85	Note:	Not Reported
Level reading date:	1976-12-22	Feet below surface:	Not Reported
Feet to sea level:	2.93	Note:	Not Reported
Level reading date:	1976-09-23	Feet below surface:	Not Reported
Feet to sea level:	3.24	Note:	Not Reported
Level reading date:	1976-07-15	Feet below surface:	Not Reported
Feet to sea level:	3.53	Note:	Not Reported

Level reading date:	1976-07-09	Feet below surface:	Not Reported
Feet to sea level:	3.75	Note:	Not Reported
Level reading date:	1976-07-01	Feet below surface:	Not Reported
Feet to sea level:	3.65	Note:	Not Reported
Level reading date:	1976-03-25	Feet below surface:	Not Reported
Feet to sea level:	4.05	Note:	Not Reported
Level reading date:	1975-12-15	Feet below surface:	Not Reported
Feet to sea level:	3.09	Note:	Not Reported
Level reading date:	1975-10-06	Feet below surface:	Not Reported
Feet to sea level:	2.64	Note:	Not Reported
Level reading date:	1975-07-01	Feet below surface:	Not Reported
Feet to sea level:	0.82	Note:	Not Reported
Level reading date:	1975-03-25	Feet below surface:	Not Reported
Feet to sea level:	0.12	Note:	Not Reported
Level reading date:	1974-12-18	Feet below surface:	Not Reported
Feet to sea level:	-0.34	Note:	Not Reported
Level reading date:	1974-09-25	Feet below surface:	Not Reported
Feet to sea level:	-0.95	Note:	Not Reported
Level reading date:	1974-09-03	Feet below surface:	Not Reported
Feet to sea level:	-1.05	Note:	Not Reported
Level reading date:	1974-06-26	Feet below surface:	Not Reported
Feet to sea level:	-1.41	Note:	Not Reported
Level reading date:	1974-03-21	Feet below surface:	Not Reported
Feet to sea level:	-1.13	Note:	Not Reported
Level reading date:	1974-01-07	Feet below surface:	Not Reported
Feet to sea level:	-0.19	Note:	Not Reported
Level reading date:	1973-09-27	Feet below surface:	Not Reported
Feet to sea level:	0.24	Note:	Not Reported
Level reading date:	1973-06-25	Feet below surface:	Not Reported
Feet to sea level:	-1.36	Note:	Not Reported
Level reading date:	1973-04-04	Feet below surface:	Not Reported
Feet to sea level:	-0.62	Note:	Not Reported
Level reading date:	1972-12-21	Feet below surface:	Not Reported
Feet to sea level:	-2.17	Note:	Not Reported
Level reading date:	1972-10-10	Feet below surface:	Not Reported
Feet to sea level:	-1.76	Note:	Not Reported
Level reading date:	1972-06-16	Feet below surface:	Not Reported
Feet to sea level:	-1.04	Note:	Not Reported
Level reading date:	1972-03-21	Feet below surface:	Not Reported
Feet to sea level:	-2.39	Note:	Not Reported
Level reading date:	1972-01-03	Feet below surface:	Not Reported
Feet to sea level:	-2.47	Note:	Not Reported

Level reading date:	1971-09-28	Feet below surface:	Not Reported
Feet to sea level:	-1.74	Note:	Not Reported
Level reading date:	1971-08-05	Feet below surface:	Not Reported
Feet to sea level:	-2.18	Note:	Not Reported
Level reading date:	1971-04-19	Feet below surface:	Not Reported
Feet to sea level:	-2.14	Note:	Not Reported
Level reading date:	1971-03-10	Feet below surface:	Not Reported
Feet to sea level:	-2.31	Note:	Not Reported
Level reading date:	1971-02-09	Feet below surface:	Not Reported
Feet to sea level:	-2.81	Note:	Not Reported
Level reading date:	1970-11-06	Feet below surface:	Not Reported
Feet to sea level:	-2.55	Note:	Not Reported
Level reading date:	1970-04-30	Feet below surface:	Not Reported
Feet to sea level:	-1.39	Note:	Not Reported
Level reading date:	1970-03-02	Feet below surface:	Not Reported
Feet to sea level:	-1.27	Note:	Not Reported
Level reading date:	1970-01-28	Feet below surface:	Not Reported
Feet to sea level:	-1.29	Note:	Not Reported
Level reading date:	1969-10-30	Feet below surface:	Not Reported
Feet to sea level:	-1.36	Note:	Not Reported
Level reading date:	1969-09-03	Feet below surface:	Not Reported
Feet to sea level:	-1.48	Note:	Not Reported
Level reading date:	1969-08-04	Feet below surface:	Not Reported
Feet to sea level:	-1.32	Note:	Not Reported
Level reading date:	1969-06-26	Feet below surface:	Not Reported
Feet to sea level:	-1.73	Note:	Not Reported
Level reading date:	1969-06-03	Feet below surface:	Not Reported
Feet to sea level:	-1.86	Note:	Not Reported
Level reading date:	1969-05-01	Feet below surface:	Not Reported
Feet to sea level:	-2.07	Note:	Not Reported
Level reading date:	1969-03-28	Feet below surface:	Not Reported
Feet to sea level:	-2.11	Note:	Not Reported
Level reading date:	1969-02-28	Feet below surface:	Not Reported
Feet to sea level:	-1.49	Note:	Not Reported
Level reading date:	1969-01-31	Feet below surface:	Not Reported
Feet to sea level:	-2.12	Note:	Not Reported
Level reading date:	1968-12-30	Feet below surface:	Not Reported
Feet to sea level:	-1.09	Note:	Not Reported
Level reading date:	1968-12-03	Feet below surface:	Not Reported
Feet to sea level:	-0.96	Note:	Not Reported
Level reading date:	1968-10-29	Feet below surface:	Not Reported
Feet to sea level:	-1.11	Note:	Not Reported

Level reading date:	1968-09-30	Feet below surface:	Not Reported
Feet to sea level:	-1.99	Note:	Not Reported
Level reading date:	1968-09-04	Feet below surface:	Not Reported
Feet to sea level:	-1.66	Note:	Not Reported
Level reading date:	1968-07-31	Feet below surface:	Not Reported
Feet to sea level:	-1.31	Note:	Not Reported
Level reading date:	1968-07-01	Feet below surface:	Not Reported
Feet to sea level:	-0.96	Note:	Not Reported
Level reading date:	1968-06-03	Feet below surface:	Not Reported
Feet to sea level:	-1.05	Note:	Not Reported
Level reading date:	1968-05-01	Feet below surface:	Not Reported
Feet to sea level:	-0.97	Note:	Not Reported
Level reading date:	1968-03-28	Feet below surface:	Not Reported
Feet to sea level:	-0.36	Note:	Not Reported
Level reading date:	1968-03-19	Feet below surface:	Not Reported
Feet to sea level:	-0.27	Note:	Not Reported
Level reading date:	1968-03-02	Feet below surface:	Not Reported
Feet to sea level:	-0.74	Note:	Not Reported
Level reading date:	1968-02-02	Feet below surface:	Not Reported
Feet to sea level:	-0.99	Note:	Not Reported
Level reading date:	1968-01-02	Feet below surface:	Not Reported
Feet to sea level:	-0.87	Note:	Not Reported
Level reading date:	1967-12-04	Feet below surface:	Not Reported
Feet to sea level:	-1.07	Note:	Not Reported
Level reading date:	1967-10-31	Feet below surface:	Not Reported
Feet to sea level:	-1.36	Note:	Not Reported
Level reading date:	1967-10-03	Feet below surface:	Not Reported
Feet to sea level:	-1.49	Note:	Not Reported
Level reading date:	1967-09-06	Feet below surface:	Not Reported
Feet to sea level:	-1.52	Note:	Not Reported
Level reading date:	1967-07-31	Feet below surface:	Not Reported
Feet to sea level:	-1.64	Note:	Not Reported
Level reading date:	1967-07-05	Feet below surface:	Not Reported
Feet to sea level:	-1.34	Note:	Not Reported
Level reading date:	1967-06-01	Feet below surface:	Not Reported
Feet to sea level:	-1.19	Note:	Not Reported
Level reading date:	1967-05-03	Feet below surface:	Not Reported
Feet to sea level:	-1.54	Note:	Not Reported
Level reading date:	1967-04-03	Feet below surface:	Not Reported
Feet to sea level:	-1.94	Note:	Not Reported
Level reading date:	1967-03-01	Feet below surface:	Not Reported
Feet to sea level:	-1.82	Note:	Not Reported

Level reading date:	1967-01-27	Feet below surface:	Not Reported
Feet to sea level:	-1.84	Note:	Not Reported
Level reading date:	1967-01-03	Feet below surface:	Not Reported
Feet to sea level:	-1.54	Note:	Not Reported
Level reading date:	1966-12-02	Feet below surface:	Not Reported
Feet to sea level:	-1.61	Note:	Not Reported
Level reading date:	1966-11-02	Feet below surface:	Not Reported
Feet to sea level:	-1.72	Note:	Not Reported
Level reading date:	1966-09-30	Feet below surface:	Not Reported
Feet to sea level:	-1.84	Note:	Not Reported
Level reading date:	1966-09-02	Feet below surface:	Not Reported
Feet to sea level:	-1.91	Note:	Not Reported
Level reading date:	1966-07-28	Feet below surface:	Not Reported
Feet to sea level:	-1.47	Note:	Not Reported
Level reading date:	1966-07-01	Feet below surface:	Not Reported
Feet to sea level:	-0.91	Note:	Not Reported
Level reading date:	1966-05-31	Feet below surface:	Not Reported
Feet to sea level:	-0.41	Note:	Not Reported
Level reading date:	1966-04-29	Feet below surface:	Not Reported
Feet to sea level:	-0.57	Note:	Not Reported
Level reading date:	1966-03-31	Feet below surface:	Not Reported
Feet to sea level:	-0.44	Note:	Not Reported
Level reading date:	1966-03-02	Feet below surface:	Not Reported
Feet to sea level:	-0.46	Note:	Not Reported
Level reading date:	1966-02-01	Feet below surface:	Not Reported
Feet to sea level:	-0.44	Note:	Not Reported
Level reading date:	1966-01-04	Feet below surface:	Not Reported
Feet to sea level:	-0.39	Note:	Not Reported
Level reading date:	1965-12-03	Feet below surface:	Not Reported
Feet to sea level:	-0.33	Note:	Not Reported
Level reading date:	1965-11-03	Feet below surface:	Not Reported
Feet to sea level:	-0.40	Note:	Not Reported
Level reading date:	1965-10-05	Feet below surface:	Not Reported
Feet to sea level:	-0.34	Note:	Not Reported
Level reading date:	1965-09-02	Feet below surface:	Not Reported
Feet to sea level:	-0.19	Note:	Not Reported
Level reading date:	1965-07-29	Feet below surface:	Not Reported
Feet to sea level:	-0.06	Note:	Not Reported
Level reading date:	1965-07-01	Feet below surface:	Not Reported
Feet to sea level:	0.21	Note:	Not Reported
Level reading date:	1965-05-27	Feet below surface:	Not Reported
Feet to sea level:	0.55	Note:	Not Reported

Level reading date:	1965-04-29	Feet below surface:	Not Reported
Feet to sea level:	0.86	Note:	Not Reported
Level reading date:	1965-04-02	Feet below surface:	Not Reported
Feet to sea level:	0.94	Note:	Not Reported
Level reading date:	1965-03-01	Feet below surface:	Not Reported
Feet to sea level:	1.11	Note:	Not Reported
Level reading date:	1965-02-01	Feet below surface:	Not Reported
Feet to sea level:	1.11	Note:	Not Reported
Level reading date:	1965-01-05	Feet below surface:	Not Reported
Feet to sea level:	1.26	Note:	Not Reported
Level reading date:	1965-01-03	Feet below surface:	Not Reported
Feet to sea level:	3.07	Note:	Not Reported
Level reading date:	1964-12-02	Feet below surface:	Not Reported
Feet to sea level:	1.28	Note:	Not Reported
Level reading date:	1964-11-02	Feet below surface:	Not Reported
Feet to sea level:	1.35	Note:	Not Reported
Level reading date:	1964-10-01	Feet below surface:	Not Reported
Feet to sea level:	1.56	Note:	Not Reported
Level reading date:	1964-09-01	Feet below surface:	Not Reported
Feet to sea level:	2.01	Note:	Not Reported
Level reading date:	1964-07-28	Feet below surface:	Not Reported
Feet to sea level:	2.18	Note:	Not Reported
Level reading date:	1964-07-02	Feet below surface:	Not Reported
Feet to sea level:	2.66	Note:	Not Reported
Level reading date:	1964-06-02	Feet below surface:	Not Reported
Feet to sea level:	2.63	Note:	Not Reported
Level reading date:	1964-05-01	Feet below surface:	Not Reported
Feet to sea level:	2.96	Note:	Not Reported
Level reading date:	1964-03-31	Feet below surface:	Not Reported
Feet to sea level:	2.78	Note:	Not Reported
Level reading date:	1964-03-04	Feet below surface:	Not Reported
Feet to sea level:	2.89	Note:	Not Reported
Level reading date:	1964-01-28	Feet below surface:	Not Reported
Feet to sea level:	3.33	Note:	Not Reported
Level reading date:	1964-01-03	Feet below surface:	Not Reported
Feet to sea level:	3.07	Note:	Not Reported
Level reading date:	1963-12-03	Feet below surface:	Not Reported
Feet to sea level:	2.99	Note:	Not Reported
Level reading date:	1963-10-30	Feet below surface:	Not Reported
Feet to sea level:	2.89	Note:	Not Reported
Level reading date:	1963-10-03	Feet below surface:	Not Reported
Feet to sea level:	3.09	Note:	Not Reported

Level reading date:	1963-08-29	Feet below surface:	Not Reported
Feet to sea level:	3.06	Note:	Not Reported
Level reading date:	1963-07-31	Feet below surface:	Not Reported
Feet to sea level:	3.35	Note:	Not Reported
Level reading date:	1963-06-26	Feet below surface:	Not Reported
Feet to sea level:	3.80	Note:	Not Reported
Level reading date:	1963-05-28	Feet below surface:	Not Reported
Feet to sea level:	4.05	Note:	Not Reported
Level reading date:	1963-05-01	Feet below surface:	Not Reported
Feet to sea level:	4.44	Note:	Not Reported
Level reading date:	1963-03-28	Feet below surface:	Not Reported
Feet to sea level:	4.76	Note:	Not Reported
Level reading date:	1963-03-05	Feet below surface:	Not Reported
Feet to sea level:	4.97	Note:	Not Reported
Level reading date:	1963-02-11	Feet below surface:	Not Reported
Feet to sea level:	5.34	Note:	Not Reported
Level reading date:	1963-01-03	Feet below surface:	Not Reported
Feet to sea level:	5.62	Note:	Not Reported
Level reading date:	1962-12-03	Feet below surface:	Not Reported
Feet to sea level:	5.65	Note:	Not Reported
Level reading date:	1962-10-31	Feet below surface:	Not Reported
Feet to sea level:	5.58	Note:	Not Reported
Level reading date:	1962-10-03	Feet below surface:	Not Reported
Feet to sea level:	5.57	Note:	Not Reported
Level reading date:	1962-08-29	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	1962-07-31	Feet below surface:	Not Reported
Feet to sea level:	5.94	Note:	Not Reported
Level reading date:	1962-07-02	Feet below surface:	Not Reported
Feet to sea level:	6.36	Note:	Not Reported
Level reading date:	1962-05-29	Feet below surface:	Not Reported
Feet to sea level:	6.37	Note:	Not Reported
Level reading date:	1962-04-27	Feet below surface:	Not Reported
Feet to sea level:	6.53	Note:	Not Reported
Level reading date:	1962-03-27	Feet below surface:	Not Reported
Feet to sea level:	6.38	Note:	Not Reported
Level reading date:	1962-03-01	Feet below surface:	Not Reported
Feet to sea level:	6.13	Note:	Not Reported
Level reading date:	1962-02-01	Feet below surface:	Not Reported
Feet to sea level:	6.05	Note:	Not Reported
Level reading date:	1962-01-02	Feet below surface:	Not Reported
Feet to sea level:	5.99	Note:	Not Reported

Level reading date:	1961-11-27	Feet below surface:	Not Reported
Feet to sea level:	5.89	Note:	Not Reported
Level reading date:	1961-10-30	Feet below surface:	Not Reported
Feet to sea level:	5.90	Note:	Not Reported
Level reading date:	1961-09-29	Feet below surface:	Not Reported
Feet to sea level:	5.70	Note:	Not Reported
Level reading date:	1961-08-30	Feet below surface:	Not Reported
Feet to sea level:	6.02	Note:	Not Reported
Level reading date:	1961-07-29	Feet below surface:	Not Reported
Feet to sea level:	5.83	Note:	Not Reported
Level reading date:	1961-06-27	Feet below surface:	Not Reported
Feet to sea level:	6.06	Note:	Not Reported
Level reading date:	1961-05-29	Feet below surface:	Not Reported
Feet to sea level:	6.20	Note:	Not Reported
Level reading date:	1961-04-27	Feet below surface:	Not Reported
Feet to sea level:	5.98	Note:	Not Reported
Level reading date:	1961-03-27	Feet below surface:	Not Reported
Feet to sea level:	5.69	Note:	Not Reported
Level reading date:	1961-02-28	Feet below surface:	Not Reported
Feet to sea level:	5.44	Note:	Not Reported
Level reading date:	1961-01-03	Feet below surface:	Not Reported
Feet to sea level:	5.11	Note:	Not Reported
Level reading date:	1960-11-29	Feet below surface:	Not Reported
Feet to sea level:	5.02	Note:	Not Reported
Level reading date:	1960-11-01	Feet below surface:	Not Reported
Feet to sea level:	4.97	Note:	Not Reported
Level reading date:	1960-09-27	Feet below surface:	Not Reported
Feet to sea level:	4.91	Note:	Not Reported
Level reading date:	1960-08-30	Feet below surface:	Not Reported
Feet to sea level:	4.47	Note:	Not Reported
Level reading date:	1960-07-26	Feet below surface:	Not Reported
Feet to sea level:	4.61	Note:	Not Reported
Level reading date:	1960-06-29	Feet below surface:	Not Reported
Feet to sea level:	4.78	Note:	Not Reported
Level reading date:	1960-06-02	Feet below surface:	Not Reported
Feet to sea level:	5.02	Note:	Not Reported
Level reading date:	1960-05-03	Feet below surface:	Not Reported
Feet to sea level:	5.08	Note:	Not Reported
Level reading date:	1960-03-28	Feet below surface:	Not Reported
Feet to sea level:	4.78	Note:	Not Reported
Level reading date:	1960-02-29	Feet below surface:	Not Reported
Feet to sea level:	4.51	Note:	Not Reported

Level reading date:	1960-02-02	Feet below surface:	Not Reported
Feet to sea level:	4.35	Note:	Not Reported
Level reading date:	1959-12-30	Feet below surface:	Not Reported
Feet to sea level:	4.25	Note:	Not Reported
Level reading date:	1959-11-25	Feet below surface:	Not Reported
Feet to sea level:	4.25	Note:	Not Reported
Level reading date:	1959-10-27	Feet below surface:	Not Reported
Feet to sea level:	4.18	Note:	Not Reported
Level reading date:	1959-10-15	Feet below surface:	Not Reported
Feet to sea level:	4.23	Note:	Not Reported
Level reading date:	1959-10-05	Feet below surface:	Not Reported
Feet to sea level:	4.33	Note:	Not Reported
Level reading date:	1959-08-03	Feet below surface:	Not Reported
Feet to sea level:	5.33	Note:	Not Reported
Level reading date:	1959-01-28	Feet below surface:	Not Reported
Feet to sea level:	6.11	Note:	Not Reported
Level reading date:	1959-01-05	Feet below surface:	Not Reported
Feet to sea level:	6.15	Note:	Not Reported
Level reading date:	1958-12-08	Feet below surface:	Not Reported
Feet to sea level:	6.20	Note:	Not Reported
Level reading date:	1958-11-04	Feet below surface:	Not Reported
Feet to sea level:	6.01	Note:	Not Reported
Level reading date:	1958-09-30	Feet below surface:	Not Reported
Feet to sea level:	5.82	Note:	Not Reported
Level reading date:	1958-08-26	Feet below surface:	Not Reported
Feet to sea level:	6.03	Note:	Not Reported
Level reading date:	1958-07-25	Feet below surface:	Not Reported
Feet to sea level:	6.17	Note:	Not Reported
Level reading date:	1958-06-27	Feet below surface:	Not Reported
Feet to sea level:	6.18	Note:	Not Reported
Level reading date:	1958-05-27	Feet below surface:	Not Reported
Feet to sea level:	5.70	Note:	Not Reported
Level reading date:	1958-04-29	Feet below surface:	Not Reported
Feet to sea level:	5.19	Note:	Not Reported
Level reading date:	1957-09-25	Feet below surface:	Not Reported
Feet to sea level:	4.50	Note:	Not Reported
Level reading date:	1957-08-23	Feet below surface:	Not Reported
Feet to sea level:	4.68	Note:	Not Reported
Level reading date:	1957-07-25	Feet below surface:	Not Reported
Feet to sea level:	4.98	Note:	Not Reported
Level reading date:	1957-06-26	Feet below surface:	Not Reported
Feet to sea level:	5.36	Note:	Not Reported

Level reading date:	1957-05-27	Feet below surface:	Not Reported
Feet to sea level:	5.63	Note:	Not Reported
Level reading date:	1957-04-24	Feet below surface:	Not Reported
Feet to sea level:	5.74	Note:	Not Reported
Level reading date:	1957-03-26	Feet below surface:	Not Reported
Feet to sea level:	5.59	Note:	Not Reported
Level reading date:	1957-02-26	Feet below surface:	Not Reported
Feet to sea level:	6.54	Note:	Not Reported
Level reading date:	1957-01-24	Feet below surface:	Not Reported
Feet to sea level:	6.18	Note:	Not Reported
Level reading date:	1956-12-18	Feet below surface:	Not Reported
Feet to sea level:	6.42	Note:	Not Reported
Level reading date:	1956-11-28	Feet below surface:	Not Reported
Feet to sea level:	6.41	Note:	Not Reported
Level reading date:	1956-10-26	Feet below surface:	Not Reported
Feet to sea level:	6.39	Note:	Not Reported
Level reading date:	1956-10-01	Feet below surface:	Not Reported
Feet to sea level:	6.58	Note:	Not Reported
Level reading date:	1956-09-04	Feet below surface:	Not Reported
Feet to sea level:	6.73	Note:	Not Reported
Level reading date:	1956-07-03	Feet below surface:	Not Reported
Feet to sea level:	7.00	Note:	Not Reported
Level reading date:	1956-06-04	Feet below surface:	Not Reported
Feet to sea level:	7.31	Note:	Not Reported
Level reading date:	1956-05-03	Feet below surface:	Not Reported
Feet to sea level:	7.08	Note:	Not Reported
Level reading date:	1956-03-05	Feet below surface:	Not Reported
Feet to sea level:	7.58	Note:	Not Reported
Level reading date:	1956-02-07	Feet below surface:	Not Reported
Feet to sea level:	7.23	Note:	Not Reported
Level reading date:	1955-12-23	Feet below surface:	Not Reported
Feet to sea level:	7.62	Note:	Not Reported
Level reading date:	1955-11-07	Feet below surface:	Not Reported
Feet to sea level:	7.76	Note:	Not Reported
Level reading date:	1955-10-05	Feet below surface:	Not Reported
Feet to sea level:	7.68	Note:	Not Reported
Level reading date:	1955-08-26	Feet below surface:	Not Reported
Feet to sea level:	7.87	Note:	Not Reported
Level reading date:	1955-07-28	Feet below surface:	Not Reported
Feet to sea level:	6.64	Note:	Not Reported
Level reading date:	1955-06-24	Feet below surface:	Not Reported
Feet to sea level:	7.28	Note:	Not Reported

Level reading date:	1955-05-24	Feet below surface:	Not Reported
Feet to sea level:	7.19	Note:	Not Reported
Level reading date:	1955-04-28	Feet below surface:	Not Reported
Feet to sea level:	7.32	Note:	Not Reported
Level reading date:	1955-03-29	Feet below surface:	Not Reported
Feet to sea level:	8.08	Note:	Not Reported
Level reading date:	1955-02-25	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	1955-01-26	Feet below surface:	Not Reported
Feet to sea level:	8.39	Note:	Not Reported
Level reading date:	1954-12-30	Feet below surface:	Not Reported
Feet to sea level:	7.58	Note:	Not Reported
Level reading date:	1954-11-30	Feet below surface:	Not Reported
Feet to sea level:	7.53	Note:	Not Reported
Level reading date:	1954-10-27	Feet below surface:	Not Reported
Feet to sea level:	7.34	Note:	Not Reported
Level reading date:	1954-09-22	Feet below surface:	Not Reported
Feet to sea level:	8.18	Note:	Not Reported
Level reading date:	1954-08-23	Feet below surface:	Not Reported
Feet to sea level:	7.26	Note:	Not Reported
Level reading date:	1954-07-27	Feet below surface:	Not Reported
Feet to sea level:	7.28	Note:	Not Reported
Level reading date:	1954-06-28	Feet below surface:	Not Reported
Feet to sea level:	7.47	Note:	Not Reported
Level reading date:	1954-05-24	Feet below surface:	Not Reported
Feet to sea level:	7.78	Note:	Not Reported
Level reading date:	1954-04-26	Feet below surface:	Not Reported
Feet to sea level:	7.84	Note:	Not Reported
Level reading date:	1954-03-24	Feet below surface:	Not Reported
Feet to sea level:	8.13	Note:	Not Reported
Level reading date:	1954-02-23	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	1954-01-25	Feet below surface:	Not Reported
Feet to sea level:	8.98	Note:	Not Reported
Level reading date:	1953-12-19	Feet below surface:	Not Reported
Feet to sea level:	8.82	Note:	Not Reported
Level reading date:	1953-11-24	Feet below surface:	Not Reported
Feet to sea level:	9.25	Note:	Not Reported
Level reading date:	1953-11-02	Feet below surface:	Not Reported
Feet to sea level:	9.16	Note:	Not Reported
Level reading date:	1953-09-28	Feet below surface:	Not Reported
Feet to sea level:	9.59	Note:	Not Reported

Level reading date:	1953-08-26	Feet below surface:	Not Reported
Feet to sea level:	9.47	Note:	Not Reported
Level reading date:	1953-08-17	Feet below surface:	Not Reported
Feet to sea level:	9.56	Note:	Not Reported
Level reading date:	1953-07-30	Feet below surface:	Not Reported
Feet to sea level:	9.79	Note:	Not Reported
Level reading date:	1953-06-24	Feet below surface:	Not Reported
Feet to sea level:	10.12	Note:	Not Reported
Level reading date:	1953-05-27	Feet below surface:	Not Reported
Feet to sea level:	10.23	Note:	Not Reported
Level reading date:	1953-04-28	Feet below surface:	Not Reported
Feet to sea level:	10.18	Note:	Not Reported
Level reading date:	1953-03-27	Feet below surface:	Not Reported
Feet to sea level:	9.78	Note:	Not Reported
Level reading date:	1953-03-02	Feet below surface:	Not Reported
Feet to sea level:	10.00	Note:	Not Reported
Level reading date:	1953-02-12	Feet below surface:	Not Reported
Feet to sea level:	10.25	Note:	Not Reported
Level reading date:	1952-12-29	Feet below surface:	Not Reported
Feet to sea level:	10.31	Note:	Not Reported
Level reading date:	1952-12-08	Feet below surface:	Not Reported
Feet to sea level:	9.92	Note:	Not Reported
Level reading date:	1952-11-06	Feet below surface:	Not Reported
Feet to sea level:	10.50	Note:	Not Reported
Level reading date:	1952-09-24	Feet below surface:	Not Reported
Feet to sea level:	11.53	Note:	Not Reported
Level reading date:	1952-08-27	Feet below surface:	Not Reported
Feet to sea level:	11.85	Note:	Not Reported
Level reading date:	1952-07-28	Feet below surface:	Not Reported
Feet to sea level:	11.71	Note:	Not Reported
Level reading date:	1952-06-26	Feet below surface:	Not Reported
Feet to sea level:	12.15	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	11.87	Note:	Not Reported
Level reading date:	1952-05-01	Feet below surface:	Not Reported
Feet to sea level:	11.64	Note:	Not Reported
Level reading date:	1952-03-26	Feet below surface:	Not Reported
Feet to sea level:	11.53	Note:	Not Reported
Level reading date:	1952-02-21	Feet below surface:	Not Reported
Feet to sea level:	11.15	Note:	Not Reported
Level reading date:	1952-01-31	Feet below surface:	Not Reported
Feet to sea level:	11.61	Note:	Not Reported

Level reading date:	1951-12-21	Feet below surface:	Not Reported
Feet to sea level:	10.36	Note:	Not Reported
Level reading date:	1951-11-29	Feet below surface:	Not Reported
Feet to sea level:	10.39	Note:	Not Reported
Level reading date:	1951-10-31	Feet below surface:	Not Reported
Feet to sea level:	10.00	Note:	Not Reported
Level reading date:	1951-09-26	Feet below surface:	Not Reported
Feet to sea level:	10.04	Note:	Not Reported
Level reading date:	1951-08-28	Feet below surface:	Not Reported
Feet to sea level:	10.24	Note:	Not Reported
Level reading date:	1951-07-25	Feet below surface:	Not Reported
Feet to sea level:	10.17	Note:	Not Reported
Level reading date:	1951-06-26	Feet below surface:	Not Reported
Feet to sea level:	10.48	Note:	Not Reported
Level reading date:	1951-05-31	Feet below surface:	Not Reported
Feet to sea level:	10.72	Note:	Not Reported
Level reading date:	1951-05-01	Feet below surface:	Not Reported
Feet to sea level:	11.01	Note:	Not Reported
Level reading date:	1951-03-28	Feet below surface:	Not Reported
Feet to sea level:	10.38	Note:	Not Reported
Level reading date:	1951-02-26	Feet below surface:	Not Reported
Feet to sea level:	10.03	Note:	Not Reported
Level reading date:	1951-01-31	Feet below surface:	Not Reported
Feet to sea level:	9.78	Note:	Not Reported
Level reading date:	1950-12-19	Feet below surface:	Not Reported
Feet to sea level:	9.67	Note:	Not Reported
Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	9.66	Note:	Not Reported
Level reading date:	1950-10-31	Feet below surface:	Not Reported
Feet to sea level:	9.76	Note:	Not Reported
Level reading date:	1950-09-25	Feet below surface:	Not Reported
Feet to sea level:	9.86	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	9.94	Note:	Not Reported
Level reading date:	1950-07-25	Feet below surface:	Not Reported
Feet to sea level:	10.05	Note:	Not Reported
Level reading date:	1950-06-27	Feet below surface:	Not Reported
Feet to sea level:	10.18	Note:	Not Reported
Level reading date:	1950-05-25	Feet below surface:	Not Reported
Feet to sea level:	10.77	Note:	Not Reported
Level reading date:	1950-05-05	Feet below surface:	Not Reported
Feet to sea level:	11.10	Note:	Not Reported

Level reading date:	1950-04-26	Feet below surface:	Not Reported
Feet to sea level:	11.14	Note:	Not Reported
Level reading date:	1950-03-28	Feet below surface:	Not Reported
Feet to sea level:	11.15	Note:	Not Reported
Level reading date:	1950-02-27	Feet below surface:	Not Reported
Feet to sea level:	11.54	Note:	Not Reported
Level reading date:	1950-01-24	Feet below surface:	Not Reported
Feet to sea level:	11.60	Note:	Not Reported
Level reading date:	1949-12-28	Feet below surface:	Not Reported
Feet to sea level:	11.78	Note:	Not Reported
Level reading date:	1949-11-29	Feet below surface:	Not Reported
Feet to sea level:	10.99	Note:	Not Reported
Level reading date:	1949-10-27	Feet below surface:	Not Reported
Feet to sea level:	11.23	Note:	Not Reported
Level reading date:	1949-09-29	Feet below surface:	Not Reported
Feet to sea level:	11.33	Note:	Not Reported
Level reading date:	1949-08-26	Feet below surface:	Not Reported
Feet to sea level:	11.55	Note:	Not Reported
Level reading date:	1949-07-27	Feet below surface:	Not Reported
Feet to sea level:	11.83	Note:	Not Reported
Level reading date:	1949-06-30	Feet below surface:	Not Reported
Feet to sea level:	12.29	Note:	Not Reported
Level reading date:	1949-05-31	Feet below surface:	Not Reported
Feet to sea level:	13.18	Note:	Not Reported
Level reading date:	1949-04-27	Feet below surface:	Not Reported
Feet to sea level:	13.21	Note:	Not Reported
Level reading date:	1949-04-04	Feet below surface:	Not Reported
Feet to sea level:	13.09	Note:	Not Reported
Level reading date:	1949-02-24	Feet below surface:	Not Reported
Feet to sea level:	13.14	Note:	Not Reported
Level reading date:	1949-01-25	Feet below surface:	Not Reported
Feet to sea level:	13.05	Note:	Not Reported
Level reading date:	1948-12-30	Feet below surface:	Not Reported
Feet to sea level:	12.34	Note:	Not Reported
Level reading date:	1948-12-08	Feet below surface:	Not Reported
Feet to sea level:	12.52	Note:	Not Reported
Level reading date:	1948-11-02	Feet below surface:	Not Reported
Feet to sea level:	13.92	Note:	Not Reported
Level reading date:	1948-09-28	Feet below surface:	Not Reported
Feet to sea level:	12.47	Note:	Not Reported
Level reading date:	1948-08-30	Feet below surface:	Not Reported
Feet to sea level:	13.90	Note:	Not Reported

Level reading date:	1948-07-27	Feet below surface:	Not Reported
Feet to sea level:	13.16	Note:	Not Reported
Level reading date:	1948-06-29	Feet below surface:	Not Reported
Feet to sea level:	12.86	Note:	Not Reported
Level reading date:	1948-05-25	Feet below surface:	Not Reported
Feet to sea level:	12.55	Note:	Not Reported
Level reading date:	1948-04-27	Feet below surface:	Not Reported
Feet to sea level:	12.29	Note:	Not Reported
Level reading date:	1948-03-25	Feet below surface:	Not Reported
Feet to sea level:	11.93	Note:	Not Reported
Level reading date:	1948-03-02	Feet below surface:	Not Reported
Feet to sea level:	11.65	Note:	Not Reported
Level reading date:	1948-02-11	Feet below surface:	Not Reported
Feet to sea level:	11.42	Note:	Not Reported
Level reading date:	1948-01-06	Feet below surface:	Not Reported
Feet to sea level:	11.33	Note:	Not Reported
Level reading date:	1947-11-25	Feet below surface:	Not Reported
Feet to sea level:	11.39	Note:	Not Reported
Level reading date:	1947-11-03	Feet below surface:	Not Reported
Feet to sea level:	11.07	Note:	Not Reported
Level reading date:	1947-10-07	Feet below surface:	Not Reported
Feet to sea level:	11.23	Note:	Not Reported
Level reading date:	1947-09-02	Feet below surface:	Not Reported
Feet to sea level:	11.38	Note:	Not Reported
Level reading date:	1947-07-11	Feet below surface:	Not Reported
Feet to sea level:	11.85	Note:	Not Reported
Level reading date:	1947-07-03	Feet below surface:	Not Reported
Feet to sea level:	12.04	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	12.05	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	12.10	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	12.12	Note:	Not Reported
Level reading date:	1947-06-25	Feet below surface:	Not Reported
Feet to sea level:	12.20	Note:	Not Reported
Level reading date:	1947-05-26	Feet below surface:	Not Reported
Feet to sea level:	12.37	Note:	Not Reported
Level reading date:	1947-05-06	Feet below surface:	Not Reported
Feet to sea level:	12.33	Note:	Not Reported
Level reading date:	1947-04-03	Feet below surface:	Not Reported
Feet to sea level:	11.90	Note:	Not Reported

Level reading date:	1947-03-04	Feet below surface:	Not Reported
Feet to sea level:	11.91	Note:	Not Reported
Level reading date:	1947-01-27	Feet below surface:	Not Reported
Feet to sea level:	11.95	Note:	Not Reported
Level reading date:	1946-12-30	Feet below surface:	Not Reported
Feet to sea level:	12.08	Note:	Not Reported
Level reading date:	1946-11-25	Feet below surface:	Not Reported
Feet to sea level:	12.39	Note:	Not Reported
Level reading date:	1946-10-23	Feet below surface:	Not Reported
Feet to sea level:	12.67	Note:	Not Reported
Level reading date:	1946-09-27	Feet below surface:	Not Reported
Feet to sea level:	12.57	Note:	Not Reported
Level reading date:	1946-08-29	Feet below surface:	Not Reported
Feet to sea level:	12.78	Note:	Not Reported
Level reading date:	1946-07-29	Feet below surface:	Not Reported
Feet to sea level:	12.72	Note:	Not Reported
Level reading date:	1946-07-05	Feet below surface:	Not Reported
Feet to sea level:	13.02	Note:	Not Reported
Level reading date:	1946-06-10	Feet below surface:	Not Reported
Feet to sea level:	13.10	Note:	Not Reported
Level reading date:	1946-04-29	Feet below surface:	Not Reported
Feet to sea level:	12.56	Note:	Not Reported
Level reading date:	1946-04-12	Feet below surface:	Not Reported
Feet to sea level:	12.63	Note:	Not Reported
Level reading date:	1946-03-15	Feet below surface:	Not Reported
Feet to sea level:	12.66	Note:	Not Reported
Level reading date:	1946-02-13	Feet below surface:	Not Reported
Feet to sea level:	12.88	Note:	Not Reported
Level reading date:	1946-01-10	Feet below surface:	Not Reported
Feet to sea level:	12.87	Note:	Not Reported
Level reading date:	1945-12-04	Feet below surface:	Not Reported
Feet to sea level:	12.67	Note:	Not Reported
Level reading date:	1945-11-02	Feet below surface:	Not Reported
Feet to sea level:	12.78	Note:	Not Reported
Level reading date:	1945-10-09	Feet below surface:	Not Reported
Feet to sea level:	12.99	Note:	Not Reported
Level reading date:	1945-09-13	Feet below surface:	Not Reported
Feet to sea level:	13.04	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	13.42	Note:	Not Reported
Level reading date:	1945-07-04	Feet below surface:	Not Reported
Feet to sea level:	12.88	Note:	Not Reported

Level reading date:	1945-06-06	Feet below surface:	Not Reported
Feet to sea level:	13.04	Note:	Not Reported
Level reading date:	1945-04-27	Feet below surface:	Not Reported
Feet to sea level:	13.04	Note:	Not Reported
Level reading date:	1945-04-03	Feet below surface:	Not Reported
Feet to sea level:	13.12	Note:	Not Reported
Level reading date:	1945-03-03	Feet below surface:	Not Reported
Feet to sea level:	13.11	Note:	Not Reported
Level reading date:	1945-02-05	Feet below surface:	Not Reported
Feet to sea level:	12.90	Note:	Not Reported
Level reading date:	1945-01-02	Feet below surface:	Not Reported
Feet to sea level:	12.75	Note:	Not Reported
Level reading date:	1944-12-06	Feet below surface:	Not Reported
Feet to sea level:	12.59	Note:	Not Reported
Level reading date:	1944-11-03	Feet below surface:	Not Reported
Feet to sea level:	12.35	Note:	Not Reported
Level reading date:	1944-10-05	Feet below surface:	Not Reported
Feet to sea level:	12.38	Note:	Not Reported
Level reading date:	1944-09-01	Feet below surface:	Not Reported
Feet to sea level:	11.83	Note:	Not Reported
Level reading date:	1944-08-01	Feet below surface:	Not Reported
Feet to sea level:	12.29	Note:	Not Reported
Level reading date:	1944-07-03	Feet below surface:	Not Reported
Feet to sea level:	12.71	Note:	Not Reported
Level reading date:	1944-06-03	Feet below surface:	Not Reported
Feet to sea level:	13.03	Note:	Not Reported
Level reading date:	1944-04-25	Feet below surface:	Not Reported
Feet to sea level:	12.90	Note:	Not Reported
Level reading date:	1944-03-29	Feet below surface:	Not Reported
Feet to sea level:	12.75	Note:	Not Reported
Level reading date:	1944-03-07	Feet below surface:	Not Reported
Feet to sea level:	12.45	Note:	Not Reported
Level reading date:	1944-01-29	Feet below surface:	Not Reported
Feet to sea level:	12.89	Note:	Not Reported
Level reading date:	1944-01-01	Feet below surface:	Not Reported
Feet to sea level:	12.78	Note:	Not Reported
Level reading date:	1943-11-27	Feet below surface:	Not Reported
Feet to sea level:	12.43	Note:	Not Reported
Level reading date:	1943-09-25	Feet below surface:	Not Reported
Feet to sea level:	12.08	Note:	Not Reported
Level reading date:	1943-08-28	Feet below surface:	Not Reported
Feet to sea level:	12.15	Note:	Not Reported

Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	12.28	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	12.63	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	12.91	Note:	Not Reported
Level reading date:	1943-03-27	Feet below surface:	Not Reported
Feet to sea level:	12.81	Note:	Not Reported
Level reading date:	1943-02-27	Feet below surface:	Not Reported
Feet to sea level:	12.51	Note:	Not Reported
Level reading date:	1943-01-30	Feet below surface:	Not Reported
Feet to sea level:	12.45	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	12.21	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	12.20	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	12.12	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	12.05	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	12.03	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	12.01	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported
Feet to sea level:	12.00	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	12.04	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	12.02	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	12.06	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	12.07	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	12.08	Note:	Not Reported
Level reading date:	1942-10-10	Feet below surface:	Not Reported
Feet to sea level:	12.09	Note:	Not Reported
Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	12.11	Note:	Not Reported
Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported

Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	12.12	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	12.09	Note:	Not Reported
Level reading date:	1942-08-29	Feet below surface:	Not Reported
Feet to sea level:	12.07	Note:	Not Reported
Level reading date:	1942-08-22	Feet below surface:	Not Reported
Feet to sea level:	12.02	Note:	Not Reported
Level reading date:	1942-08-15	Feet below surface:	Not Reported
Feet to sea level:	11.94	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	11.83	Note:	Not Reported
Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	11.82	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	11.74	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	11.72	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	11.71	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	11.69	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	11.59	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	11.63	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	11.67	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	11.68	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	11.75	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	11.80	Note:	Not Reported
Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	11.82	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	11.86	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	11.90	Note:	Not Reported

Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	11.95	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	11.97	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	11.97	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	11.97	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	11.94	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	11.83	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	11.81	Note:	Not Reported
Level reading date:	1942-03-09	Feet below surface:	Not Reported
Feet to sea level:	11.78	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	11.69	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	11.71	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	11.70	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	11.73	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	11.71	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	11.75	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	11.79	Note:	Not Reported
Level reading date:	1942-01-10	Feet below surface:	Not Reported
Feet to sea level:	11.83	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	11.86	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	11.89	Note:	Not Reported
Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	11.95	Note:	Not Reported
Level reading date:	1941-12-13	Feet below surface:	Not Reported
Feet to sea level:	11.90	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	11.88	Note:	Not Reported

Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	11.99	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	12.08	Note:	Not Reported
Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported
Level reading date:	1941-11-08	Feet below surface:	Not Reported
Feet to sea level:	12.17	Note:	Not Reported
Level reading date:	1941-11-01	Feet below surface:	Not Reported
Feet to sea level:	12.20	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	12.29	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	12.33	Note:	Not Reported
Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	12.41	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	12.47	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	12.55	Note:	Not Reported
Level reading date:	1941-09-20	Feet below surface:	Not Reported
Feet to sea level:	12.67	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	12.74	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	12.86	Note:	Not Reported
Level reading date:	1941-08-30	Feet below surface:	Not Reported
Feet to sea level:	12.98	Note:	Not Reported
Level reading date:	1941-08-23	Feet below surface:	Not Reported
Feet to sea level:	12.74	Note:	Not Reported
Level reading date:	1941-08-16	Feet below surface:	Not Reported
Feet to sea level:	12.82	Note:	Not Reported
Level reading date:	1941-08-09	Feet below surface:	Not Reported
Feet to sea level:	12.89	Note:	Not Reported
Level reading date:	1941-08-02	Feet below surface:	Not Reported
Feet to sea level:	12.96	Note:	Not Reported
Level reading date:	1941-07-26	Feet below surface:	Not Reported
Feet to sea level:	13.01	Note:	Not Reported
Level reading date:	1941-07-19	Feet below surface:	Not Reported
Feet to sea level:	13.03	Note:	Not Reported
Level reading date:	1941-07-12	Feet below surface:	Not Reported
Feet to sea level:	13.05	Note:	Not Reported

Level reading date:	1941-07-05	Feet below surface:	Not Reported
Feet to sea level:	13.05	Note:	Not Reported
Level reading date:	1941-06-28	Feet below surface:	Not Reported
Feet to sea level:	13.17	Note:	Not Reported
Level reading date:	1941-06-21	Feet below surface:	Not Reported
Feet to sea level:	13.29	Note:	Not Reported
Level reading date:	1941-06-14	Feet below surface:	Not Reported
Feet to sea level:	13.28	Note:	Not Reported
Level reading date:	1941-06-07	Feet below surface:	Not Reported
Feet to sea level:	13.21	Note:	Not Reported
Level reading date:	1941-05-31	Feet below surface:	Not Reported
Feet to sea level:	13.22	Note:	Not Reported
Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	13.30	Note:	Not Reported
Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	13.38	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	13.41	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	13.46	Note:	Not Reported
Level reading date:	1941-04-26	Feet below surface:	Not Reported
Feet to sea level:	13.55	Note:	Not Reported
Level reading date:	1941-04-19	Feet below surface:	Not Reported
Feet to sea level:	13.60	Note:	Not Reported
Level reading date:	1941-04-12	Feet below surface:	Not Reported
Feet to sea level:	13.61	Note:	Not Reported
Level reading date:	1941-04-05	Feet below surface:	Not Reported
Feet to sea level:	13.64	Note:	Not Reported
Level reading date:	1941-03-29	Feet below surface:	Not Reported
Feet to sea level:	13.68	Note:	Not Reported
Level reading date:	1941-03-22	Feet below surface:	Not Reported
Feet to sea level:	13.67	Note:	Not Reported
Level reading date:	1941-03-15	Feet below surface:	Not Reported
Feet to sea level:	13.67	Note:	Not Reported
Level reading date:	1941-03-08	Feet below surface:	Not Reported
Feet to sea level:	13.69	Note:	Not Reported
Level reading date:	1941-03-01	Feet below surface:	Not Reported
Feet to sea level:	13.68	Note:	Not Reported
Level reading date:	1941-02-22	Feet below surface:	Not Reported
Feet to sea level:	13.69	Note:	Not Reported
Level reading date:	1941-02-15	Feet below surface:	Not Reported
Feet to sea level:	13.70	Note:	Not Reported

Level reading date:	1941-02-08	Feet below surface:	Not Reported
Feet to sea level:	13.54	Note:	Not Reported
Level reading date:	1941-02-01	Feet below surface:	Not Reported
Feet to sea level:	13.30	Note:	Not Reported
Level reading date:	1941-01-25	Feet below surface:	Not Reported
Feet to sea level:	13.34	Note:	Not Reported
Level reading date:	1941-01-18	Feet below surface:	Not Reported
Feet to sea level:	13.40	Note:	Not Reported
Level reading date:	1941-01-11	Feet below surface:	Not Reported
Feet to sea level:	13.35	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	Not Reported
Feet to sea level:	13.43	Note:	Not Reported
Level reading date:	1940-12-28	Feet below surface:	Not Reported
Feet to sea level:	13.40	Note:	Not Reported
Level reading date:	1940-12-21	Feet below surface:	Not Reported
Feet to sea level:	13.37	Note:	Not Reported
Level reading date:	1940-12-14	Feet below surface:	Not Reported
Feet to sea level:	13.36	Note:	Not Reported
Level reading date:	1940-12-07	Feet below surface:	Not Reported
Feet to sea level:	13.45	Note:	Not Reported
Level reading date:	1940-11-30	Feet below surface:	Not Reported
Feet to sea level:	13.46	Note:	Not Reported
Level reading date:	1940-11-23	Feet below surface:	Not Reported
Feet to sea level:	13.49	Note:	Not Reported
Level reading date:	1940-11-16	Feet below surface:	Not Reported
Feet to sea level:	13.55	Note:	Not Reported
Level reading date:	1940-11-09	Feet below surface:	Not Reported
Feet to sea level:	13.48	Note:	Not Reported
Level reading date:	1940-11-02	Feet below surface:	Not Reported
Feet to sea level:	13.53	Note:	Not Reported
Level reading date:	1940-10-26	Feet below surface:	Not Reported
Feet to sea level:	13.55	Note:	Not Reported

4
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829050**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 957. 1	Type:	Well
Description:	1001	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported

Well Hole Depth:	182	Well Hole Depth Units:	ft

5
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828786**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3165. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	19840229	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	538	Level reading date:	2005-02-01
Feet below surface:	Not Reported	Feet to sea level:	18.47
Note:	Not Reported		

Level reading date:	2005-01-30	Feet below surface:	Not Reported
Feet to sea level:	18.56	Note:	Not Reported
Level reading date:	2005-01-25	Feet below surface:	Not Reported
Feet to sea level:	18.60	Note:	Not Reported
Level reading date:	2005-01-20	Feet below surface:	Not Reported
Feet to sea level:	18.63	Note:	Not Reported
Level reading date:	2005-01-15	Feet below surface:	Not Reported
Feet to sea level:	18.48	Note:	Not Reported
Level reading date:	2005-01-10	Feet below surface:	Not Reported
Feet to sea level:	18.58	Note:	Not Reported
Level reading date:	2005-01-05	Feet below surface:	Not Reported
Feet to sea level:	18.55	Note:	Not Reported
Level reading date:	2005-01-05	Feet below surface:	Not Reported
Feet to sea level:	18.55	Note:	Not Reported
Level reading date:	2005-01-04	Feet below surface:	Not Reported
Feet to sea level:	18.56	Note:	Not Reported
Level reading date:	2004-12-30	Feet below surface:	Not Reported
Feet to sea level:	18.50	Note:	Not Reported
Level reading date:	2004-12-25	Feet below surface:	Not Reported
Feet to sea level:	18.53	Note:	Not Reported
Level reading date:	2004-12-20	Feet below surface:	Not Reported
Feet to sea level:	18.61	Note:	Not Reported
Level reading date:	2004-12-15	Feet below surface:	Not Reported
Feet to sea level:	18.51	Note:	Not Reported
Level reading date:	2004-12-10	Feet below surface:	Not Reported

Feet to sea level:	18.64	Note:	Not Reported
Level reading date:	2004-12-05	Feet below surface:	Not Reported
Feet to sea level:	18.53	Note:	Not Reported
Level reading date:	2004-11-30	Feet below surface:	Not Reported
Feet to sea level:	18.51	Note:	Not Reported
Level reading date:	2004-11-29	Feet below surface:	Not Reported
Feet to sea level:	18.51	Note:	Not Reported
Level reading date:	2004-11-28	Feet below surface:	Not Reported
Feet to sea level:	18.59	Note:	Not Reported
Level reading date:	2004-11-25	Feet below surface:	Not Reported
Feet to sea level:	18.67	Note:	Not Reported
Level reading date:	2004-11-20	Feet below surface:	Not Reported
Feet to sea level:	18.58	Note:	Not Reported
Level reading date:	2004-11-15	Feet below surface:	Not Reported
Feet to sea level:	18.57	Note:	Not Reported
Level reading date:	2004-11-10	Feet below surface:	Not Reported
Feet to sea level:	18.52	Note:	Not Reported
Level reading date:	2004-11-05	Feet below surface:	Not Reported
Feet to sea level:	18.68	Note:	Not Reported
Level reading date:	2004-11-03	Feet below surface:	Not Reported
Feet to sea level:	18.58	Note:	Not Reported
Level reading date:	2004-10-30	Feet below surface:	Not Reported
Feet to sea level:	18.69	Note:	Not Reported
Level reading date:	2004-10-25	Feet below surface:	Not Reported
Feet to sea level:	18.68	Note:	Not Reported
Level reading date:	2004-10-20	Feet below surface:	Not Reported
Feet to sea level:	18.70	Note:	Not Reported
Level reading date:	2004-10-15	Feet below surface:	Not Reported
Feet to sea level:	18.78	Note:	Not Reported
Level reading date:	2004-10-10	Feet below surface:	Not Reported
Feet to sea level:	18.79	Note:	Not Reported
Level reading date:	2004-10-05	Feet below surface:	Not Reported
Feet to sea level:	18.71	Note:	Not Reported
Level reading date:	2004-10-01	Feet below surface:	Not Reported
Feet to sea level:	18.68	Note:	Not Reported
Level reading date:	2004-09-30	Feet below surface:	Not Reported
Feet to sea level:	18.68	Note:	Not Reported
Level reading date:	2004-09-25	Feet below surface:	Not Reported
Feet to sea level:	18.46	Note:	Not Reported
Level reading date:	2004-09-20	Feet below surface:	Not Reported
Feet to sea level:	18.43	Note:	Not Reported

Level reading date:	2004-09-15	Feet below surface:	Not Reported
Feet to sea level:	18.47	Note:	Not Reported
Level reading date:	2004-09-10	Feet below surface:	Not Reported
Feet to sea level:	18.47	Note:	Not Reported
Level reading date:	2004-09-05	Feet below surface:	Not Reported
Feet to sea level:	18.27	Note:	Not Reported
Level reading date:	2004-09-01	Feet below surface:	Not Reported
Feet to sea level:	18.31	Note:	Not Reported
Level reading date:	2004-08-30	Feet below surface:	Not Reported
Feet to sea level:	18.36	Note:	Not Reported
Level reading date:	2004-08-25	Feet below surface:	Not Reported
Feet to sea level:	18.32	Note:	Not Reported
Level reading date:	2004-08-20	Feet below surface:	Not Reported
Feet to sea level:	18.43	Note:	Not Reported
Level reading date:	2004-08-15	Feet below surface:	Not Reported
Feet to sea level:	18.38	Note:	Not Reported
Level reading date:	2004-08-10	Feet below surface:	Not Reported
Feet to sea level:	18.38	Note:	Not Reported
Level reading date:	2004-08-05	Feet below surface:	Not Reported
Feet to sea level:	18.41	Note:	Not Reported
Level reading date:	2004-08-04	Feet below surface:	Not Reported
Feet to sea level:	18.41	Note:	Not Reported
Level reading date:	2004-08-03	Feet below surface:	Not Reported
Feet to sea level:	18.40	Note:	Not Reported
Level reading date:	2004-07-30	Feet below surface:	Not Reported
Feet to sea level:	18.33	Note:	Not Reported
Level reading date:	2004-07-25	Feet below surface:	Not Reported
Feet to sea level:	18.11	Note:	Not Reported
Level reading date:	2004-07-20	Feet below surface:	Not Reported
Feet to sea level:	18.14	Note:	Not Reported
Level reading date:	2004-07-15	Feet below surface:	Not Reported
Feet to sea level:	18.24	Note:	Not Reported
Level reading date:	2004-07-10	Feet below surface:	Not Reported
Feet to sea level:	18.10	Note:	Not Reported
Level reading date:	2004-07-05	Feet below surface:	Not Reported
Feet to sea level:	18.17	Note:	Not Reported
Level reading date:	2004-06-30	Feet below surface:	Not Reported
Feet to sea level:	18.15	Note:	Not Reported
Level reading date:	2004-06-29	Feet below surface:	Not Reported
Feet to sea level:	18.17	Note:	Not Reported
Level reading date:	2004-06-28	Feet below surface:	Not Reported
Feet to sea level:	18.18	Note:	Not Reported

Level reading date:	2004-06-25	Feet below surface:	Not Reported
Feet to sea level:	18.15	Note:	Not Reported
Level reading date:	2004-06-20	Feet below surface:	Not Reported
Feet to sea level:	18.19	Note:	Not Reported
Level reading date:	2004-06-15	Feet below surface:	Not Reported
Feet to sea level:	18.14	Note:	Not Reported
Level reading date:	2004-06-10	Feet below surface:	Not Reported
Feet to sea level:	18.20	Note:	Not Reported
Level reading date:	2004-06-05	Feet below surface:	Not Reported
Feet to sea level:	18.17	Note:	Not Reported
Level reading date:	2004-06-03	Feet below surface:	Not Reported
Feet to sea level:	18.20	Note:	Not Reported
Level reading date:	2004-05-30	Feet below surface:	Not Reported
Feet to sea level:	18.21	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	18.24	Note:	Not Reported
Level reading date:	2004-05-20	Feet below surface:	Not Reported
Feet to sea level:	18.20	Note:	Not Reported
Level reading date:	2004-05-15	Feet below surface:	Not Reported
Feet to sea level:	18.21	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	Not Reported
Feet to sea level:	18.18	Note:	Not Reported
Level reading date:	2004-05-05	Feet below surface:	Not Reported
Feet to sea level:	18.17	Note:	Not Reported
Level reading date:	2004-04-30	Feet below surface:	Not Reported
Feet to sea level:	18.09	Note:	Not Reported
Level reading date:	2004-04-28	Feet below surface:	Not Reported
Feet to sea level:	18.05	Note:	Not Reported
Level reading date:	2004-04-25	Feet below surface:	Not Reported
Feet to sea level:	17.99	Note:	Not Reported
Level reading date:	2004-04-20	Feet below surface:	Not Reported
Feet to sea level:	17.97	Note:	Not Reported
Level reading date:	2004-04-15	Feet below surface:	Not Reported
Feet to sea level:	17.90	Note:	Not Reported
Level reading date:	2004-04-10	Feet below surface:	Not Reported
Feet to sea level:	17.75	Note:	Not Reported
Level reading date:	2004-04-05	Feet below surface:	Not Reported
Feet to sea level:	17.83	Note:	Not Reported
Level reading date:	2004-03-30	Feet below surface:	Not Reported
Feet to sea level:	17.71	Note:	Not Reported
Level reading date:	2004-03-25	Feet below surface:	Not Reported
Feet to sea level:	17.67	Note:	Not Reported

Level reading date:	2004-03-25	Feet below surface:	Not Reported
Feet to sea level:	17.67	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	Not Reported
Feet to sea level:	17.68	Note:	Not Reported
Level reading date:	2004-03-20	Feet below surface:	Not Reported
Feet to sea level:	17.75	Note:	Not Reported
Level reading date:	2004-03-15	Feet below surface:	Not Reported
Feet to sea level:	17.79	Note:	Not Reported
Level reading date:	2004-03-10	Feet below surface:	Not Reported
Feet to sea level:	17.77	Note:	Not Reported
Level reading date:	2004-03-05	Feet below surface:	Not Reported
Feet to sea level:	17.84	Note:	Not Reported
Level reading date:	2004-02-26	Feet below surface:	Not Reported
Feet to sea level:	17.81	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	17.87	Note:	Not Reported
Level reading date:	2004-02-20	Feet below surface:	Not Reported
Feet to sea level:	17.95	Note:	Not Reported
Level reading date:	2004-02-05	Feet below surface:	Not Reported
Feet to sea level:	17.71	Note:	Not Reported
Level reading date:	2004-02-04	Feet below surface:	Not Reported
Feet to sea level:	17.77	Note:	Not Reported
Level reading date:	2004-01-30	Feet below surface:	Not Reported
Feet to sea level:	17.85	Note:	Not Reported
Level reading date:	2004-01-25	Feet below surface:	Not Reported
Feet to sea level:	17.74	Note:	Not Reported
Level reading date:	2004-01-20	Feet below surface:	Not Reported
Feet to sea level:	17.82	Note:	Not Reported
Level reading date:	2004-01-15	Feet below surface:	Not Reported
Feet to sea level:	17.85	Note:	Not Reported
Level reading date:	2004-01-10	Feet below surface:	Not Reported
Feet to sea level:	17.76	Note:	Not Reported
Level reading date:	2004-01-05	Feet below surface:	Not Reported
Feet to sea level:	17.83	Note:	Not Reported
Level reading date:	2003-12-30	Feet below surface:	Not Reported
Feet to sea level:	17.79	Note:	Not Reported
Level reading date:	2003-12-30	Feet below surface:	Not Reported
Feet to sea level:	17.79	Note:	Not Reported
Level reading date:	2003-12-29	Feet below surface:	Not Reported
Feet to sea level:	17.77	Note:	Not Reported
Level reading date:	2003-12-25	Feet below surface:	Not Reported
Feet to sea level:	17.76	Note:	Not Reported

Level reading date:	2003-12-20	Feet below surface:	Not Reported
Feet to sea level:	17.68	Note:	Not Reported
Level reading date:	2003-12-15	Feet below surface:	Not Reported
Feet to sea level:	17.63	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	Not Reported
Feet to sea level:	17.50	Note:	Not Reported
Level reading date:	2003-12-05	Feet below surface:	Not Reported
Feet to sea level:	17.50	Note:	Not Reported
Level reading date:	2003-12-02	Feet below surface:	Not Reported
Feet to sea level:	17.46	Note:	Not Reported
Level reading date:	2003-11-30	Feet below surface:	Not Reported
Feet to sea level:	17.50	Note:	Not Reported
Level reading date:	2003-11-25	Feet below surface:	Not Reported
Feet to sea level:	17.49	Note:	Not Reported
Level reading date:	2003-11-20	Feet below surface:	Not Reported
Feet to sea level:	17.51	Note:	Not Reported
Level reading date:	2003-11-15	Feet below surface:	Not Reported
Feet to sea level:	17.37	Note:	Not Reported
Level reading date:	2003-11-10	Feet below surface:	Not Reported
Feet to sea level:	17.33	Note:	Not Reported
Level reading date:	2003-11-05	Feet below surface:	Not Reported
Feet to sea level:	17.34	Note:	Not Reported
Level reading date:	2003-10-30	Feet below surface:	Not Reported
Feet to sea level:	17.32	Note:	Not Reported
Level reading date:	2003-10-25	Feet below surface:	Not Reported
Feet to sea level:	17.26	Note:	Not Reported
Level reading date:	2003-10-22	Feet below surface:	Not Reported
Feet to sea level:	17.36	Note:	Not Reported
Level reading date:	2003-10-20	Feet below surface:	Not Reported
Feet to sea level:	17.28	Note:	Not Reported
Level reading date:	2003-10-15	Feet below surface:	Not Reported
Feet to sea level:	17.41	Note:	Not Reported
Level reading date:	2003-10-10	Feet below surface:	Not Reported
Feet to sea level:	17.37	Note:	Not Reported
Level reading date:	2003-10-05	Feet below surface:	Not Reported
Feet to sea level:	17.29	Note:	Not Reported
Level reading date:	2003-09-30	Feet below surface:	Not Reported
Feet to sea level:	17.37	Note:	Not Reported
Level reading date:	2003-09-29	Feet below surface:	Not Reported
Feet to sea level:	17.42	Note:	Not Reported
Level reading date:	2003-09-28	Feet below surface:	Not Reported
Feet to sea level:	17.47	Note:	Not Reported

Level reading date:	2003-09-25	Feet below surface:	Not Reported
Feet to sea level:	17.44	Note:	Not Reported
Level reading date:	2003-09-20	Feet below surface:	Not Reported
Feet to sea level:	17.40	Note:	Not Reported
Level reading date:	2003-09-15	Feet below surface:	Not Reported
Feet to sea level:	17.47	Note:	Not Reported
Level reading date:	2003-09-10	Feet below surface:	Not Reported
Feet to sea level:	17.44	Note:	Not Reported
Level reading date:	2003-09-05	Feet below surface:	Not Reported
Feet to sea level:	17.54	Note:	Not Reported
Level reading date:	2003-08-30	Feet below surface:	Not Reported
Feet to sea level:	17.49	Note:	Not Reported
Level reading date:	2003-08-25	Feet below surface:	Not Reported
Feet to sea level:	17.56	Note:	Not Reported
Level reading date:	2003-08-25	Feet below surface:	Not Reported
Feet to sea level:	17.56	Note:	Not Reported
Level reading date:	2003-08-24	Feet below surface:	Not Reported
Feet to sea level:	17.54	Note:	Not Reported
Level reading date:	2003-08-20	Feet below surface:	Not Reported
Feet to sea level:	17.55	Note:	Not Reported
Level reading date:	2003-08-15	Feet below surface:	Not Reported
Feet to sea level:	17.58	Note:	Not Reported
Level reading date:	2003-08-10	Feet below surface:	Not Reported
Feet to sea level:	17.59	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	Not Reported
Feet to sea level:	17.60	Note:	Not Reported
Level reading date:	2003-07-31	Feet below surface:	Not Reported
Feet to sea level:	17.53	Note:	Not Reported
Level reading date:	2003-07-30	Feet below surface:	Not Reported
Feet to sea level:	17.54	Note:	Not Reported
Level reading date:	2003-07-25	Feet below surface:	Not Reported
Feet to sea level:	17.56	Note:	Not Reported
Level reading date:	2003-07-20	Feet below surface:	Not Reported
Feet to sea level:	17.52	Note:	Not Reported
Level reading date:	2003-07-15	Feet below surface:	Not Reported
Feet to sea level:	17.48	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	Not Reported
Feet to sea level:	17.48	Note:	Not Reported
Level reading date:	2003-07-05	Feet below surface:	Not Reported
Feet to sea level:	17.45	Note:	Not Reported
Level reading date:	2003-06-30	Feet below surface:	Not Reported
Feet to sea level:	17.36	Note:	Not Reported

Level reading date:	2003-06-25	Feet below surface:	Not Reported
Feet to sea level:	17.26	Note:	Not Reported
Level reading date:	2003-06-25	Feet below surface:	Not Reported
Feet to sea level:	17.26	Note:	Not Reported
Level reading date:	2003-06-24	Feet below surface:	Not Reported
Feet to sea level:	17.23	Note:	Not Reported
Level reading date:	2003-06-20	Feet below surface:	Not Reported
Feet to sea level:	17.11	Note:	Not Reported
Level reading date:	2003-06-15	Feet below surface:	Not Reported
Feet to sea level:	16.96	Note:	Not Reported
Level reading date:	2003-06-10	Feet below surface:	Not Reported
Feet to sea level:	16.81	Note:	Not Reported
Level reading date:	2003-06-05	Feet below surface:	Not Reported
Feet to sea level:	16.66	Note:	Not Reported
Level reading date:	2003-05-30	Feet below surface:	Not Reported
Feet to sea level:	16.51	Note:	Not Reported
Level reading date:	2003-05-28	Feet below surface:	Not Reported
Feet to sea level:	16.48	Note:	Not Reported
Level reading date:	2003-05-25	Feet below surface:	Not Reported
Feet to sea level:	16.39	Note:	Not Reported
Level reading date:	2003-05-20	Feet below surface:	Not Reported
Feet to sea level:	16.35	Note:	Not Reported
Level reading date:	2003-05-15	Feet below surface:	Not Reported
Feet to sea level:	16.33	Note:	Not Reported
Level reading date:	2003-05-10	Feet below surface:	Not Reported
Feet to sea level:	16.41	Note:	Not Reported
Level reading date:	2003-05-05	Feet below surface:	Not Reported
Feet to sea level:	16.35	Note:	Not Reported
Level reading date:	2003-04-30	Feet below surface:	Not Reported
Feet to sea level:	16.32	Note:	Not Reported
Level reading date:	2003-04-29	Feet below surface:	Not Reported
Feet to sea level:	16.36	Note:	Not Reported
Level reading date:	2003-04-28	Feet below surface:	Not Reported
Feet to sea level:	16.33	Note:	Not Reported
Level reading date:	2003-04-25	Feet below surface:	Not Reported
Feet to sea level:	16.31	Note:	Not Reported
Level reading date:	2003-04-20	Feet below surface:	Not Reported
Feet to sea level:	16.24	Note:	Not Reported
Level reading date:	2003-04-15	Feet below surface:	Not Reported
Feet to sea level:	16.21	Note:	Not Reported
Level reading date:	2003-04-10	Feet below surface:	Not Reported
Feet to sea level:	16.14	Note:	Not Reported

Level reading date:	2003-04-05	Feet below surface:	Not Reported
Feet to sea level:	16.12	Note:	Not Reported
Level reading date:	2003-03-30	Feet below surface:	Not Reported
Feet to sea level:	16.08	Note:	Not Reported
Level reading date:	2003-03-25	Feet below surface:	Not Reported
Feet to sea level:	16.02	Note:	Not Reported
Level reading date:	2003-03-20	Feet below surface:	Not Reported
Feet to sea level:	15.93	Note:	Not Reported
Level reading date:	2003-03-18	Feet below surface:	Not Reported
Feet to sea level:	15.95	Note:	Not Reported
Level reading date:	2003-03-15	Feet below surface:	Not Reported
Feet to sea level:	15.90	Note:	Not Reported
Level reading date:	2003-03-10	Feet below surface:	Not Reported
Feet to sea level:	15.80	Note:	Not Reported
Level reading date:	2003-03-05	Feet below surface:	Not Reported
Feet to sea level:	15.54	Note:	Not Reported
Level reading date:	2003-03-04	Feet below surface:	Not Reported
Feet to sea level:	15.70	Note:	Not Reported
Level reading date:	2003-03-04	Feet below surface:	Not Reported
Feet to sea level:	15.70	Note:	Not Reported
Level reading date:	2003-03-03	Feet below surface:	Not Reported
Feet to sea level:	15.58	Note:	Not Reported
Level reading date:	2003-02-25	Feet below surface:	Not Reported
Feet to sea level:	15.47	Note:	Not Reported
Level reading date:	2003-02-20	Feet below surface:	Not Reported
Feet to sea level:	15.37	Note:	Not Reported
Level reading date:	2003-02-15	Feet below surface:	Not Reported
Feet to sea level:	15.36	Note:	Not Reported
Level reading date:	2003-02-10	Feet below surface:	Not Reported
Feet to sea level:	15.49	Note:	Not Reported
Level reading date:	2003-02-05	Feet below surface:	Not Reported
Feet to sea level:	15.43	Note:	Not Reported
Level reading date:	2003-01-31	Feet below surface:	Not Reported
Feet to sea level:	15.46	Note:	Not Reported
Level reading date:	2003-01-30	Feet below surface:	Not Reported
Feet to sea level:	15.43	Note:	Not Reported
Level reading date:	2003-01-25	Feet below surface:	Not Reported
Feet to sea level:	15.41	Note:	Not Reported
Level reading date:	2003-01-20	Feet below surface:	Not Reported
Feet to sea level:	15.43	Note:	Not Reported
Level reading date:	2003-01-15	Feet below surface:	Not Reported
Feet to sea level:	15.36	Note:	Not Reported

Level reading date:	2003-01-10	Feet below surface:	Not Reported
Feet to sea level:	15.32	Note:	Not Reported
Level reading date:	2003-01-09	Feet below surface:	Not Reported
Feet to sea level:	15.32	Note:	Not Reported
Level reading date:	2003-01-08	Feet below surface:	Not Reported
Feet to sea level:	15.32	Note:	Not Reported
Level reading date:	2003-01-05	Feet below surface:	Not Reported
Feet to sea level:	15.21	Note:	Not Reported
Level reading date:	2002-12-30	Feet below surface:	Not Reported
Feet to sea level:	15.04	Note:	Not Reported
Level reading date:	2002-12-25	Feet below surface:	Not Reported
Feet to sea level:	15.09	Note:	Not Reported
Level reading date:	2002-12-20	Feet below surface:	Not Reported
Feet to sea level:	15.04	Note:	Not Reported
Level reading date:	2002-12-15	Feet below surface:	Not Reported
Feet to sea level:	14.97	Note:	Not Reported
Level reading date:	2002-12-10	Feet below surface:	Not Reported
Feet to sea level:	14.88	Note:	Not Reported
Level reading date:	2002-12-05	Feet below surface:	Not Reported
Feet to sea level:	14.87	Note:	Not Reported
Level reading date:	2002-12-03	Feet below surface:	Not Reported
Feet to sea level:	14.80	Note:	Not Reported
Level reading date:	2002-11-30	Feet below surface:	Not Reported
Feet to sea level:	14.91	Note:	Not Reported
Level reading date:	2002-11-25	Feet below surface:	Not Reported
Feet to sea level:	14.78	Note:	Not Reported
Level reading date:	2002-11-20	Feet below surface:	Not Reported
Feet to sea level:	14.75	Note:	Not Reported
Level reading date:	2002-11-15	Feet below surface:	Not Reported
Feet to sea level:	14.71	Note:	Not Reported
Level reading date:	2002-11-10	Feet below surface:	Not Reported
Feet to sea level:	14.67	Note:	Not Reported
Level reading date:	2002-11-06	Feet below surface:	Not Reported
Feet to sea level:	14.69	Note:	Not Reported
Level reading date:	2002-11-05	Feet below surface:	Not Reported
Feet to sea level:	14.64	Note:	Not Reported
Level reading date:	2002-10-30	Feet below surface:	Not Reported
Feet to sea level:	14.61	Note:	Not Reported
Level reading date:	2002-10-25	Feet below surface:	Not Reported
Feet to sea level:	14.53	Note:	Not Reported
Level reading date:	2002-10-20	Feet below surface:	Not Reported
Feet to sea level:	14.52	Note:	Not Reported

Level reading date:	2002-10-15	Feet below surface:	Not Reported
Feet to sea level:	14.44	Note:	Not Reported
Level reading date:	2002-10-10	Feet below surface:	Not Reported
Feet to sea level:	14.24	Note:	Not Reported
Level reading date:	2002-10-05	Feet below surface:	Not Reported
Feet to sea level:	14.32	Note:	Not Reported
Level reading date:	2002-10-02	Feet below surface:	Not Reported
Feet to sea level:	14.32	Note:	Not Reported
Level reading date:	2002-09-30	Feet below surface:	Not Reported
Feet to sea level:	14.27	Note:	Not Reported
Level reading date:	2002-09-25	Feet below surface:	Not Reported
Feet to sea level:	14.21	Note:	Not Reported
Level reading date:	2002-09-20	Feet below surface:	Not Reported
Feet to sea level:	14.26	Note:	Not Reported
Level reading date:	2002-09-15	Feet below surface:	Not Reported
Feet to sea level:	14.22	Note:	Not Reported
Level reading date:	2002-09-10	Feet below surface:	Not Reported
Feet to sea level:	14.29	Note:	Not Reported
Level reading date:	2002-09-05	Feet below surface:	Not Reported
Feet to sea level:	14.24	Note:	Not Reported
Level reading date:	2002-08-30	Feet below surface:	Not Reported
Feet to sea level:	13.95	Note:	Not Reported
Level reading date:	2002-08-28	Feet below surface:	Not Reported
Feet to sea level:	13.83	Note:	Not Reported
Level reading date:	2002-08-25	Feet below surface:	Not Reported
Feet to sea level:	13.83	Note:	Not Reported
Level reading date:	2002-08-20	Feet below surface:	Not Reported
Feet to sea level:	13.88	Note:	Not Reported
Level reading date:	2002-08-15	Feet below surface:	Not Reported
Feet to sea level:	13.90	Note:	Not Reported
Level reading date:	2002-08-10	Feet below surface:	Not Reported
Feet to sea level:	13.93	Note:	Not Reported
Level reading date:	2002-08-05	Feet below surface:	Not Reported
Feet to sea level:	14.01	Note:	Not Reported
Level reading date:	2002-07-30	Feet below surface:	Not Reported
Feet to sea level:	14.04	Note:	Not Reported
Level reading date:	2002-07-30	Feet below surface:	Not Reported
Feet to sea level:	14.04	Note:	Not Reported
Level reading date:	2002-07-29	Feet below surface:	Not Reported
Feet to sea level:	14.09	Note:	Not Reported
Level reading date:	2002-07-25	Feet below surface:	Not Reported
Feet to sea level:	14.05	Note:	Not Reported

Level reading date:	2002-07-20	Feet below surface:	Not Reported
Feet to sea level:	14.10	Note:	Not Reported
Level reading date:	2002-07-15	Feet below surface:	Not Reported
Feet to sea level:	14.15	Note:	Not Reported
Level reading date:	2002-07-10	Feet below surface:	Not Reported
Feet to sea level:	14.16	Note:	Not Reported
Level reading date:	2002-07-05	Feet below surface:	Not Reported
Feet to sea level:	14.19	Note:	Not Reported
Level reading date:	2002-07-02	Feet below surface:	Not Reported
Feet to sea level:	14.01	Note:	Not Reported
Level reading date:	2002-06-30	Feet below surface:	Not Reported
Feet to sea level:	14.37	Note:	Not Reported
Level reading date:	2002-06-27	Feet below surface:	Not Reported
Feet to sea level:	14.21	Note:	Not Reported
Level reading date:	2002-06-25	Feet below surface:	Not Reported
Feet to sea level:	14.17	Note:	Not Reported
Level reading date:	2002-06-20	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	2002-06-15	Feet below surface:	Not Reported
Feet to sea level:	14.23	Note:	Not Reported
Level reading date:	2002-06-10	Feet below surface:	Not Reported
Feet to sea level:	14.18	Note:	Not Reported
Level reading date:	2002-06-05	Feet below surface:	Not Reported
Feet to sea level:	14.13	Note:	Not Reported
Level reading date:	2002-05-30	Feet below surface:	Not Reported
Feet to sea level:	14.15	Note:	Not Reported
Level reading date:	2002-05-25	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	Not Reported
Feet to sea level:	14.11	Note:	Not Reported
Level reading date:	2002-05-20	Feet below surface:	Not Reported
Feet to sea level:	14.11	Note:	Not Reported
Level reading date:	2002-05-15	Feet below surface:	Not Reported
Feet to sea level:	14.06	Note:	Not Reported
Level reading date:	2002-05-10	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	2002-05-05	Feet below surface:	Not Reported
Feet to sea level:	14.00	Note:	Not Reported
Level reading date:	2002-04-30	Feet below surface:	Not Reported
Feet to sea level:	14.04	Note:	Not Reported
Level reading date:	2002-04-25	Feet below surface:	Not Reported
Feet to sea level:	13.95	Note:	Not Reported

Level reading date:	2002-04-20	Feet below surface:	Not Reported
Feet to sea level:	13.97	Note:	Not Reported
Level reading date:	2002-04-15	Feet below surface:	Not Reported
Feet to sea level:	14.00	Note:	Not Reported
Level reading date:	2002-04-10	Feet below surface:	Not Reported
Feet to sea level:	13.97	Note:	Not Reported
Level reading date:	2002-04-05	Feet below surface:	Not Reported
Feet to sea level:	14.00	Note:	Not Reported
Level reading date:	2002-03-30	Feet below surface:	Not Reported
Feet to sea level:	14.07	Note:	Not Reported
Level reading date:	2002-03-28	Feet below surface:	Not Reported
Feet to sea level:	14.06	Note:	Not Reported
Level reading date:	2002-03-25	Feet below surface:	Not Reported
Feet to sea level:	14.02	Note:	Not Reported
Level reading date:	2002-03-20	Feet below surface:	Not Reported
Feet to sea level:	13.89	Note:	Not Reported
Level reading date:	2002-03-15	Feet below surface:	Not Reported
Feet to sea level:	14.05	Note:	Not Reported
Level reading date:	2002-03-10	Feet below surface:	Not Reported
Feet to sea level:	14.10	Note:	Not Reported
Level reading date:	2002-03-05	Feet below surface:	Not Reported
Feet to sea level:	14.09	Note:	Not Reported
Level reading date:	2002-02-25	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	2002-02-21	Feet below surface:	Not Reported
Feet to sea level:	14.21	Note:	Not Reported
Level reading date:	2002-02-20	Feet below surface:	Not Reported
Feet to sea level:	14.18	Note:	Not Reported
Level reading date:	2002-02-15	Feet below surface:	Not Reported
Feet to sea level:	14.20	Note:	Not Reported
Level reading date:	2002-02-10	Feet below surface:	Not Reported
Feet to sea level:	14.22	Note:	Not Reported
Level reading date:	2002-02-05	Feet below surface:	Not Reported
Feet to sea level:	14.25	Note:	Not Reported
Level reading date:	2002-01-30	Feet below surface:	Not Reported
Feet to sea level:	14.29	Note:	Not Reported
Level reading date:	2002-01-25	Feet below surface:	Not Reported
Feet to sea level:	14.34	Note:	Not Reported
Level reading date:	2002-01-20	Feet below surface:	Not Reported
Feet to sea level:	14.41	Note:	Not Reported
Level reading date:	2002-01-15	Feet below surface:	Not Reported
Feet to sea level:	14.40	Note:	Not Reported

Level reading date:	2002-01-10	Feet below surface:	Not Reported
Feet to sea level:	14.47	Note:	Not Reported
Level reading date:	2002-01-05	Feet below surface:	Not Reported
Feet to sea level:	14.42	Note:	Not Reported
Level reading date:	2001-12-30	Feet below surface:	Not Reported
Feet to sea level:	14.47	Note:	Not Reported
Level reading date:	2001-12-25	Feet below surface:	Not Reported
Feet to sea level:	14.54	Note:	Not Reported
Level reading date:	2001-12-20	Feet below surface:	Not Reported
Feet to sea level:	14.58	Note:	Not Reported
Level reading date:	2001-12-15	Feet below surface:	Not Reported
Feet to sea level:	14.58	Note:	Not Reported
Level reading date:	2001-12-10	Feet below surface:	Not Reported
Feet to sea level:	14.59	Note:	Not Reported
Level reading date:	2001-12-05	Feet below surface:	Not Reported
Feet to sea level:	14.64	Note:	Not Reported
Level reading date:	2001-11-30	Feet below surface:	Not Reported
Feet to sea level:	14.62	Note:	Not Reported
Level reading date:	2001-11-27	Feet below surface:	Not Reported
Feet to sea level:	14.71	Note:	Not Reported
Level reading date:	2001-11-25	Feet below surface:	Not Reported
Feet to sea level:	14.69	Note:	Not Reported
Level reading date:	2001-11-20	Feet below surface:	Not Reported
Feet to sea level:	14.81	Note:	Not Reported
Level reading date:	2001-11-15	Feet below surface:	Not Reported
Feet to sea level:	14.82	Note:	Not Reported
Level reading date:	2001-11-10	Feet below surface:	Not Reported
Feet to sea level:	14.88	Note:	Not Reported
Level reading date:	2001-11-05	Feet below surface:	Not Reported
Feet to sea level:	14.92	Note:	Not Reported
Level reading date:	2001-10-30	Feet below surface:	Not Reported
Feet to sea level:	14.92	Note:	Not Reported
Level reading date:	2001-10-25	Feet below surface:	Not Reported
Feet to sea level:	15.04	Note:	Not Reported
Level reading date:	2001-10-20	Feet below surface:	Not Reported
Feet to sea level:	15.03	Note:	Not Reported
Level reading date:	2001-10-15	Feet below surface:	Not Reported
Feet to sea level:	15.10	Note:	Not Reported
Level reading date:	2001-10-11	Feet below surface:	Not Reported
Feet to sea level:	15.08	Note:	Not Reported
Level reading date:	2001-10-10	Feet below surface:	Not Reported
Feet to sea level:	15.08	Note:	Not Reported

Level reading date:	2001-10-05	Feet below surface:	Not Reported
Feet to sea level:	15.14	Note:	Not Reported
Level reading date:	2001-09-30	Feet below surface:	Not Reported
Feet to sea level:	15.14	Note:	Not Reported
Level reading date:	2001-09-25	Feet below surface:	Not Reported
Feet to sea level:	15.28	Note:	Not Reported
Level reading date:	2001-09-20	Feet below surface:	Not Reported
Feet to sea level:	15.18	Note:	Not Reported
Level reading date:	2001-09-15	Feet below surface:	Not Reported
Feet to sea level:	15.29	Note:	Not Reported
Level reading date:	2001-09-10	Feet below surface:	Not Reported
Feet to sea level:	15.24	Note:	Not Reported
Level reading date:	2001-09-05	Feet below surface:	Not Reported
Feet to sea level:	15.27	Note:	Not Reported
Level reading date:	2001-08-30	Feet below surface:	Not Reported
Feet to sea level:	15.32	Note:	Not Reported
Level reading date:	2001-08-25	Feet below surface:	Not Reported
Feet to sea level:	15.4	Note:	Not Reported
Level reading date:	2001-08-20	Feet below surface:	Not Reported
Feet to sea level:	15.4	Note:	Not Reported
Level reading date:	2001-08-15	Feet below surface:	Not Reported
Feet to sea level:	15.37	Note:	Not Reported
Level reading date:	2001-08-10	Feet below surface:	Not Reported
Feet to sea level:	15.45	Note:	Not Reported
Level reading date:	2001-08-05	Feet below surface:	Not Reported
Feet to sea level:	15.42	Note:	Not Reported
Level reading date:	2001-07-30	Feet below surface:	Not Reported
Feet to sea level:	15.47	Note:	Not Reported
Level reading date:	2001-07-27	Feet below surface:	Not Reported
Feet to sea level:	15.46	Note:	Not Reported
Level reading date:	2001-07-25	Feet below surface:	Not Reported
Feet to sea level:	15.53	Note:	Not Reported
Level reading date:	2001-07-20	Feet below surface:	Not Reported
Feet to sea level:	15.54	Note:	Not Reported
Level reading date:	2001-07-15	Feet below surface:	Not Reported
Feet to sea level:	15.57	Note:	Not Reported
Level reading date:	2001-07-10	Feet below surface:	Not Reported
Feet to sea level:	15.41	Note:	Not Reported
Level reading date:	2001-07-05	Feet below surface:	Not Reported
Feet to sea level:	15.45	Note:	Not Reported
Level reading date:	2001-06-30	Feet below surface:	Not Reported
Feet to sea level:	15.6	Note:	Not Reported

Level reading date:	2001-06-25	Feet below surface:	Not Reported
Feet to sea level:	15.52	Note:	Not Reported
Level reading date:	2001-06-21	Feet below surface:	Not Reported
Feet to sea level:	15.50	Note:	Not Reported
Level reading date:	2001-06-20	Feet below surface:	Not Reported
Feet to sea level:	15.53	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	Not Reported
Feet to sea level:	15.47	Note:	Not Reported
Level reading date:	2001-06-10	Feet below surface:	Not Reported
Feet to sea level:	15.36	Note:	Not Reported
Level reading date:	2001-06-05	Feet below surface:	Not Reported
Feet to sea level:	15.45	Note:	Not Reported
Level reading date:	2001-05-30	Feet below surface:	Not Reported
Feet to sea level:	15.41	Note:	Not Reported
Level reading date:	2001-05-25	Feet below surface:	Not Reported
Feet to sea level:	15.53	Note:	Not Reported
Level reading date:	2001-05-20	Feet below surface:	Not Reported
Feet to sea level:	15.47	Note:	Not Reported
Level reading date:	2001-05-17	Feet below surface:	Not Reported
Feet to sea level:	15.46	Note:	Not Reported
Level reading date:	2001-05-16	Feet below surface:	Not Reported
Feet to sea level:	15.47	Note:	Not Reported
Level reading date:	2001-03-18	Feet below surface:	Not Reported
Feet to sea level:	14.72	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	Not Reported
Feet to sea level:	14.61	Note:	Not Reported
Level reading date:	2001-03-10	Feet below surface:	Not Reported
Feet to sea level:	14.48	Note:	Not Reported
Level reading date:	2001-03-05	Feet below surface:	Not Reported
Feet to sea level:	14.53	Note:	Not Reported
Level reading date:	2001-02-25	Feet below surface:	Not Reported
Feet to sea level:	14.5	Note:	Not Reported
Level reading date:	2001-02-20	Feet below surface:	Not Reported
Feet to sea level:	14.59	Note:	Not Reported
Level reading date:	2001-02-15	Feet below surface:	Not Reported
Feet to sea level:	14.66	Note:	Not Reported
Level reading date:	2001-02-10	Feet below surface:	Not Reported
Feet to sea level:	14.71	Note:	Not Reported
Level reading date:	2001-02-05	Feet below surface:	Not Reported
Feet to sea level:	14.76	Note:	Not Reported
Level reading date:	2001-01-30	Feet below surface:	Not Reported
Feet to sea level:	14.8	Note:	Not Reported

Level reading date:	2001-01-25	Feet below surface:	Not Reported
Feet to sea level:	14.82	Note:	Not Reported
Level reading date:	2001-01-20	Feet below surface:	Not Reported
Feet to sea level:	14.85	Note:	Not Reported
Level reading date:	2001-01-15	Feet below surface:	Not Reported
Feet to sea level:	14.9	Note:	Not Reported
Level reading date:	2001-01-10	Feet below surface:	Not Reported
Feet to sea level:	14.97	Note:	Not Reported
Level reading date:	2001-01-05	Feet below surface:	Not Reported
Feet to sea level:	15.06	Note:	Not Reported
Level reading date:	2000-12-30	Feet below surface:	Not Reported
Feet to sea level:	15.06	Note:	Not Reported
Level reading date:	2000-12-25	Feet below surface:	Not Reported
Feet to sea level:	14.9	Note:	Not Reported
Level reading date:	2000-12-20	Feet below surface:	Not Reported
Feet to sea level:	14.89	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	Not Reported
Feet to sea level:	14.83	Note:	Not Reported
Level reading date:	2000-12-10	Feet below surface:	Not Reported
Feet to sea level:	14.7	Note:	Not Reported
Level reading date:	2000-12-05	Feet below surface:	Not Reported
Feet to sea level:	14.68	Note:	Not Reported
Level reading date:	2000-11-30	Feet below surface:	Not Reported
Feet to sea level:	14.68	Note:	Not Reported
Level reading date:	2000-11-25	Feet below surface:	Not Reported
Feet to sea level:	14.62	Note:	Not Reported
Level reading date:	2000-11-21	Feet below surface:	Not Reported
Feet to sea level:	14.69	Note:	Not Reported
Level reading date:	2000-11-20	Feet below surface:	Not Reported
Feet to sea level:	14.7	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	Not Reported
Feet to sea level:	14.75	Note:	Not Reported
Level reading date:	2000-11-10	Feet below surface:	Not Reported
Feet to sea level:	14.79	Note:	Not Reported
Level reading date:	2000-11-05	Feet below surface:	Not Reported
Feet to sea level:	14.74	Note:	Not Reported
Level reading date:	2000-10-30	Feet below surface:	Not Reported
Feet to sea level:	14.76	Note:	Not Reported
Level reading date:	2000-10-25	Feet below surface:	Not Reported
Feet to sea level:	14.77	Note:	Not Reported
Level reading date:	2000-10-23	Feet below surface:	Not Reported
Feet to sea level:	14.76	Note:	Not Reported

Level reading date:	2000-10-20	Feet below surface:	Not Reported
Feet to sea level:	14.82	Note:	Not Reported
Level reading date:	2000-10-15	Feet below surface:	Not Reported
Feet to sea level:	14.89	Note:	Not Reported
Level reading date:	2000-10-10	Feet below surface:	Not Reported
Feet to sea level:	14.94	Note:	Not Reported
Level reading date:	2000-10-05	Feet below surface:	Not Reported
Feet to sea level:	14.98	Note:	Not Reported
Level reading date:	2000-09-30	Feet below surface:	Not Reported
Feet to sea level:	14.95	Note:	Not Reported
Level reading date:	2000-09-25	Feet below surface:	Not Reported
Feet to sea level:	15.04	Note:	Not Reported
Level reading date:	2000-09-20	Feet below surface:	Not Reported
Feet to sea level:	15.06	Note:	Not Reported
Level reading date:	2000-09-15	Feet below surface:	Not Reported
Feet to sea level:	15.07	Note:	Not Reported
Level reading date:	2000-09-10	Feet below surface:	Not Reported
Feet to sea level:	15.01	Note:	Not Reported
Level reading date:	2000-09-05	Feet below surface:	Not Reported
Feet to sea level:	15.03	Note:	Not Reported
Level reading date:	2000-08-30	Feet below surface:	Not Reported
Feet to sea level:	15.07	Note:	Not Reported
Level reading date:	2000-08-25	Feet below surface:	Not Reported
Feet to sea level:	15.1	Note:	Not Reported
Level reading date:	2000-08-20	Feet below surface:	Not Reported
Feet to sea level:	15.06	Note:	Not Reported
Level reading date:	2000-08-15	Feet below surface:	Not Reported
Feet to sea level:	15.05	Note:	Not Reported
Level reading date:	2000-08-10	Feet below surface:	Not Reported
Feet to sea level:	14.99	Note:	Not Reported
Level reading date:	2000-08-05	Feet below surface:	Not Reported
Feet to sea level:	14.95	Note:	Not Reported
Level reading date:	2000-07-30	Feet below surface:	Not Reported
Feet to sea level:	14.87	Note:	Not Reported
Level reading date:	2000-07-25	Feet below surface:	Not Reported
Feet to sea level:	14.64	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	Not Reported
Feet to sea level:	14.72	Note:	Not Reported
Level reading date:	2000-07-15	Feet below surface:	Not Reported
Feet to sea level:	14.71	Note:	Not Reported
Level reading date:	2000-07-10	Feet below surface:	Not Reported
Feet to sea level:	14.74	Note:	Not Reported

Level reading date:	2000-07-05	Feet below surface:	Not Reported
Feet to sea level:	14.73	Note:	Not Reported
Level reading date:	2000-06-30	Feet below surface:	Not Reported
Feet to sea level:	14.72	Note:	Not Reported
Level reading date:	2000-06-25	Feet below surface:	Not Reported
Feet to sea level:	14.7	Note:	Not Reported
Level reading date:	2000-06-15	Feet below surface:	Not Reported
Feet to sea level:	14.65	Note:	Not Reported
Level reading date:	2000-06-10	Feet below surface:	Not Reported
Feet to sea level:	14.59	Note:	Not Reported
Level reading date:	2000-06-05	Feet below surface:	Not Reported
Feet to sea level:	14.46	Note:	Not Reported
Level reading date:	2000-05-30	Feet below surface:	Not Reported
Feet to sea level:	14.43	Note:	Not Reported
Level reading date:	2000-05-25	Feet below surface:	Not Reported
Feet to sea level:	14.49	Note:	Not Reported
Level reading date:	2000-05-20	Feet below surface:	Not Reported
Feet to sea level:	14.4	Note:	Not Reported
Level reading date:	2000-05-15	Feet below surface:	Not Reported
Feet to sea level:	14.36	Note:	Not Reported
Level reading date:	2000-05-05	Feet below surface:	Not Reported
Feet to sea level:	14.32	Note:	Not Reported
Level reading date:	2000-04-30	Feet below surface:	Not Reported
Feet to sea level:	14.28	Note:	Not Reported
Level reading date:	2000-04-25	Feet below surface:	Not Reported
Feet to sea level:	14.24	Note:	Not Reported
Level reading date:	2000-04-20	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	2000-04-15	Feet below surface:	Not Reported
Feet to sea level:	14.06	Note:	Not Reported
Level reading date:	2000-04-10	Feet below surface:	Not Reported
Feet to sea level:	14.05	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	Not Reported
Feet to sea level:	14.09	Note:	Not Reported
Level reading date:	2000-03-30	Feet below surface:	Not Reported
Feet to sea level:	14.02	Note:	Not Reported
Level reading date:	2000-03-25	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	2000-03-22	Feet below surface:	Not Reported
Feet to sea level:	13.95	Note:	Not Reported
Level reading date:	2000-03-20	Feet below surface:	Not Reported
Feet to sea level:	13.94	Note:	Not Reported

Level reading date:	2000-03-15	Feet below surface:	Not Reported
Feet to sea level:	13.9	Note:	Not Reported
Level reading date:	2000-03-10	Feet below surface:	Not Reported
Feet to sea level:	13.87	Note:	Not Reported
Level reading date:	2000-03-05	Feet below surface:	Not Reported
Feet to sea level:	13.92	Note:	Not Reported
Level reading date:	2000-02-25	Feet below surface:	Not Reported
Feet to sea level:	13.89	Note:	Not Reported
Level reading date:	2000-02-20	Feet below surface:	Not Reported
Feet to sea level:	13.91	Note:	Not Reported
Level reading date:	2000-02-15	Feet below surface:	Not Reported
Feet to sea level:	13.9	Note:	Not Reported
Level reading date:	2000-02-10	Feet below surface:	Not Reported
Feet to sea level:	13.92	Note:	Not Reported
Level reading date:	2000-02-05	Feet below surface:	Not Reported
Feet to sea level:	13.92	Note:	Not Reported
Level reading date:	2000-01-30	Feet below surface:	Not Reported
Feet to sea level:	13.86	Note:	Not Reported
Level reading date:	2000-01-25	Feet below surface:	Not Reported
Feet to sea level:	14.00	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	Not Reported
Feet to sea level:	14.00	Note:	Not Reported
Level reading date:	2000-01-15	Feet below surface:	Not Reported
Feet to sea level:	13.88	Note:	Not Reported
Level reading date:	2000-01-10	Feet below surface:	Not Reported
Feet to sea level:	14.02	Note:	Not Reported
Level reading date:	2000-01-05	Feet below surface:	Not Reported
Feet to sea level:	13.96	Note:	Not Reported
Level reading date:	1999-12-30	Feet below surface:	Not Reported
Feet to sea level:	14.01	Note:	Not Reported
Level reading date:	1999-12-25	Feet below surface:	Not Reported
Feet to sea level:	13.97	Note:	Not Reported
Level reading date:	1999-12-20	Feet below surface:	Not Reported
Feet to sea level:	14.01	Note:	Not Reported
Level reading date:	1999-12-10	Feet below surface:	Not Reported
Feet to sea level:	14.06	Note:	Not Reported
Level reading date:	1999-12-05	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	1999-11-30	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	1999-11-25	Feet below surface:	Not Reported
Feet to sea level:	14.06	Note:	Not Reported

Level reading date:	1999-11-20	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	Not Reported
Feet to sea level:	14.22	Note:	Not Reported
Level reading date:	1999-11-10	Feet below surface:	Not Reported
Feet to sea level:	14.22	Note:	Not Reported
Level reading date:	1999-11-05	Feet below surface:	Not Reported
Feet to sea level:	14.19	Note:	Not Reported
Level reading date:	1999-10-30	Feet below surface:	Not Reported
Feet to sea level:	14.19	Note:	Not Reported
Level reading date:	1999-10-25	Feet below surface:	Not Reported
Feet to sea level:	14.27	Note:	Not Reported
Level reading date:	1999-10-20	Feet below surface:	Not Reported
Feet to sea level:	14.26	Note:	Not Reported
Level reading date:	1999-10-15	Feet below surface:	Not Reported
Feet to sea level:	14.24	Note:	Not Reported
Level reading date:	1999-10-10	Feet below surface:	Not Reported
Feet to sea level:	14.31	Note:	Not Reported
Level reading date:	1999-10-06	Feet below surface:	Not Reported
Feet to sea level:	14.32	Note:	Not Reported
Level reading date:	1999-10-05	Feet below surface:	Not Reported
Feet to sea level:	14.31	Note:	Not Reported
Level reading date:	1999-07-16	Feet below surface:	Not Reported
Feet to sea level:	14.51	Note:	Not Reported
Level reading date:	1999-03-31	Feet below surface:	Not Reported
Feet to sea level:	14.65	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	Not Reported
Feet to sea level:	15.42	Note:	Not Reported
Level reading date:	1998-10-02	Feet below surface:	Not Reported
Feet to sea level:	15.49	Note:	Not Reported
Level reading date:	1998-07-14	Feet below surface:	Not Reported
Feet to sea level:	16.45	Note:	Not Reported
Level reading date:	1998-05-07	Feet below surface:	Not Reported
Feet to sea level:	16.59	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	16.60	Note:	Not Reported
Level reading date:	1998-03-25	Feet below surface:	Not Reported
Feet to sea level:	16.60	Note:	Not Reported
Level reading date:	1998-02-25	Feet below surface:	Not Reported
Feet to sea level:	16.75	Note:	Not Reported
Level reading date:	1998-01-29	Feet below surface:	Not Reported
Feet to sea level:	16.84	Note:	Not Reported

Level reading date:	1997-12-29	Feet below surface:	Not Reported
Feet to sea level:	16.96	Note:	Not Reported
Level reading date:	1997-10-03	Feet below surface:	Not Reported
Feet to sea level:	18.21	Note:	Not Reported
Level reading date:	1997-09-26	Feet below surface:	Not Reported
Feet to sea level:	18.31	Note:	Not Reported
Level reading date:	1997-07-22	Feet below surface:	Not Reported
Feet to sea level:	18.10	Note:	Not Reported
Level reading date:	1997-06-25	Feet below surface:	Not Reported
Feet to sea level:	18.29	Note:	Not Reported
Level reading date:	1997-05-22	Feet below surface:	Not Reported
Feet to sea level:	18.40	Note:	Not Reported
Level reading date:	1997-03-17	Feet below surface:	Not Reported
Feet to sea level:	17.88	Note:	Not Reported
Level reading date:	1997-02-28	Feet below surface:	Not Reported
Feet to sea level:	17.87	Note:	Not Reported
Level reading date:	1997-01-29	Feet below surface:	Not Reported
Feet to sea level:	17.81	Note:	Not Reported
Level reading date:	1997-01-10	Feet below surface:	Not Reported
Feet to sea level:	18.02	Note:	Not Reported
Level reading date:	1996-09-27	Feet below surface:	Not Reported
Feet to sea level:	17.06	Note:	Not Reported
Level reading date:	1996-07-03	Feet below surface:	Not Reported
Feet to sea level:	17.19	Note:	Not Reported
Level reading date:	1996-03-11	Feet below surface:	Not Reported
Feet to sea level:	16.43	Note:	Not Reported
Level reading date:	1996-01-30	Feet below surface:	Not Reported
Feet to sea level:	16.24	Note:	Not Reported
Level reading date:	1995-11-30	Feet below surface:	Not Reported
Feet to sea level:	16.00	Note:	Not Reported
Level reading date:	1995-09-28	Feet below surface:	Not Reported
Feet to sea level:	15.90	Note:	Not Reported
Level reading date:	1995-07-20	Feet below surface:	Not Reported
Feet to sea level:	16.65	Note:	Not Reported
Level reading date:	1995-05-24	Feet below surface:	Not Reported
Feet to sea level:	16.51	Note:	Not Reported
Level reading date:	1995-03-16	Feet below surface:	Not Reported
Feet to sea level:	16.49	Note:	Not Reported
Level reading date:	1995-01-26	Feet below surface:	Not Reported
Feet to sea level:	16.18	Note:	Not Reported
Level reading date:	1994-12-21	Feet below surface:	Not Reported
Feet to sea level:	16.13	Note:	Not Reported

Level reading date:	1994-10-26	Feet below surface:	Not Reported
Feet to sea level:	16.53	Note:	Not Reported
Level reading date:	1994-09-22	Feet below surface:	Not Reported
Feet to sea level:	16.81	Note:	Not Reported
Level reading date:	1994-08-25	Feet below surface:	Not Reported
Feet to sea level:	17.22	Note:	Not Reported
Level reading date:	1994-07-25	Feet below surface:	Not Reported
Feet to sea level:	16.74	Note:	Not Reported
Level reading date:	1994-06-29	Feet below surface:	Not Reported
Feet to sea level:	16.99	Note:	Not Reported
Level reading date:	1994-05-19	Feet below surface:	Not Reported
Feet to sea level:	17.17	Note:	Not Reported
Level reading date:	1994-04-22	Feet below surface:	Not Reported
Feet to sea level:	16.98	Note:	Not Reported
Level reading date:	1994-03-24	Feet below surface:	Not Reported
Feet to sea level:	16.61	Note:	Not Reported
Level reading date:	1994-02-22	Feet below surface:	Not Reported
Feet to sea level:	16.11	Note:	Not Reported
Level reading date:	1994-02-01	Feet below surface:	Not Reported
Feet to sea level:	15.99	Note:	Not Reported
Level reading date:	1993-12-28	Feet below surface:	Not Reported
Feet to sea level:	15.68	Note:	Not Reported
Level reading date:	1993-11-23	Feet below surface:	Not Reported
Feet to sea level:	15.66	Note:	Not Reported
Level reading date:	1993-10-28	Feet below surface:	Not Reported
Feet to sea level:	15.85	Note:	Not Reported
Level reading date:	1993-09-21	Feet below surface:	Not Reported
Feet to sea level:	15.93	Note:	Not Reported
Level reading date:	1993-08-24	Feet below surface:	Not Reported
Feet to sea level:	16.22	Note:	Not Reported
Level reading date:	1993-07-15	Feet below surface:	Not Reported
Feet to sea level:	16.61	Note:	Not Reported
Level reading date:	1993-06-23	Feet below surface:	Not Reported
Feet to sea level:	16.78	Note:	Not Reported
Level reading date:	1993-05-19	Feet below surface:	Not Reported
Feet to sea level:	17.17	Note:	Not Reported
Level reading date:	1993-04-28	Feet below surface:	Not Reported
Feet to sea level:	17.16	Note:	Not Reported
Level reading date:	1993-03-23	Feet below surface:	Not Reported
Feet to sea level:	16.51	Note:	Not Reported
Level reading date:	1993-02-23	Feet below surface:	Not Reported
Feet to sea level:	16.47	Note:	Not Reported

Level reading date:	1993-01-27	Feet below surface:	Not Reported
Feet to sea level:	16.42	Note:	Not Reported
Level reading date:	1992-12-30	Feet below surface:	Not Reported
Feet to sea level:	16.33	Note:	Not Reported
Level reading date:	1992-11-19	Feet below surface:	Not Reported
Feet to sea level:	15.91	Note:	Not Reported
Level reading date:	1992-10-27	Feet below surface:	Not Reported
Feet to sea level:	15.99	Note:	Not Reported
Level reading date:	1992-09-17	Feet below surface:	Not Reported
Feet to sea level:	16.14	Note:	Not Reported
Level reading date:	1992-08-26	Feet below surface:	Not Reported
Feet to sea level:	16.06	Note:	Not Reported
Level reading date:	1992-07-16	Feet below surface:	Not Reported
Feet to sea level:	15.70	Note:	Not Reported
Level reading date:	1992-06-23	Feet below surface:	Not Reported
Feet to sea level:	15.66	Note:	Not Reported
Level reading date:	1992-05-13	Feet below surface:	Not Reported
Feet to sea level:	15.61	Note:	Not Reported
Level reading date:	1992-04-15	Feet below surface:	Not Reported
Feet to sea level:	15.50	Note:	Not Reported
Level reading date:	1992-03-17	Feet below surface:	Not Reported
Feet to sea level:	15.59	Note:	Not Reported
Level reading date:	1992-02-20	Feet below surface:	Not Reported
Feet to sea level:	15.68	Note:	Not Reported
Level reading date:	1992-01-22	Feet below surface:	Not Reported
Feet to sea level:	15.71	Note:	Not Reported
Level reading date:	1991-12-18	Feet below surface:	Not Reported
Feet to sea level:	15.91	Note:	Not Reported
Level reading date:	1991-11-15	Feet below surface:	Not Reported
Feet to sea level:	16.08	Note:	Not Reported
Level reading date:	1991-10-28	Feet below surface:	Not Reported
Feet to sea level:	16.34	Note:	Not Reported
Level reading date:	1991-09-17	Feet below surface:	Not Reported
Feet to sea level:	16.93	Note:	Not Reported
Level reading date:	1991-08-16	Feet below surface:	Not Reported
Feet to sea level:	16.91	Note:	Not Reported
Level reading date:	1991-07-16	Feet below surface:	Not Reported
Feet to sea level:	17.07	Note:	Not Reported
Level reading date:	1991-06-13	Feet below surface:	Not Reported
Feet to sea level:	17.27	Note:	Not Reported
Level reading date:	1991-05-15	Feet below surface:	Not Reported
Feet to sea level:	17.25	Note:	Not Reported

Level reading date:	1991-04-16	Feet below surface:	Not Reported
Feet to sea level:	17.08	Note:	Not Reported
Level reading date:	1991-03-19	Feet below surface:	Not Reported
Feet to sea level:	17.11	Note:	Not Reported
Level reading date:	1991-02-11	Feet below surface:	Not Reported
Feet to sea level:	17.03	Note:	Not Reported
Level reading date:	1991-01-29	Feet below surface:	Not Reported
Feet to sea level:	16.94	Note:	Not Reported
Level reading date:	1990-12-11	Feet below surface:	Not Reported
Feet to sea level:	16.71	Note:	Not Reported
Level reading date:	1990-11-14	Feet below surface:	Not Reported
Feet to sea level:	16.69	Note:	Not Reported
Level reading date:	1990-10-12	Feet below surface:	Not Reported
Feet to sea level:	16.66	Note:	Not Reported
Level reading date:	1990-09-14	Feet below surface:	Not Reported
Feet to sea level:	16.77	Note:	Not Reported
Level reading date:	1990-08-17	Feet below surface:	Not Reported
Feet to sea level:	16.72	Note:	Not Reported
Level reading date:	1990-07-16	Feet below surface:	Not Reported
Feet to sea level:	16.61	Note:	Not Reported
Level reading date:	1990-06-21	Feet below surface:	Not Reported
Feet to sea level:	16.60	Note:	Not Reported
Level reading date:	1990-05-24	Feet below surface:	Not Reported
Feet to sea level:	16.32	Note:	Not Reported
Level reading date:	1990-04-23	Feet below surface:	Not Reported
Feet to sea level:	16.13	Note:	Not Reported
Level reading date:	1990-03-31	Feet below surface:	Not Reported
Feet to sea level:	15.97	Note:	Not Reported
Level reading date:	1990-02-22	Feet below surface:	Not Reported
Feet to sea level:	16.04	Note:	Not Reported
Level reading date:	1990-01-30	Feet below surface:	Not Reported
Feet to sea level:	15.97	Note:	Not Reported
Level reading date:	1989-12-20	Feet below surface:	Not Reported
Feet to sea level:	15.99	Note:	Not Reported
Level reading date:	1989-11-15	Feet below surface:	Not Reported
Feet to sea level:	16.04	Note:	Not Reported
Level reading date:	1989-11-02	Feet below surface:	Not Reported
Feet to sea level:	15.86	Note:	Not Reported
Level reading date:	1989-10-04	Feet below surface:	Not Reported
Feet to sea level:	15.67	Note:	Not Reported
Level reading date:	1989-08-23	Feet below surface:	Not Reported
Feet to sea level:	15.52	Note:	Not Reported

Level reading date:	1989-07-24	Feet below surface:	Not Reported
Feet to sea level:	15.12	Note:	Not Reported
Level reading date:	1989-06-21	Feet below surface:	Not Reported
Feet to sea level:	14.57	Note:	Not Reported
Level reading date:	1989-05-18	Feet below surface:	Not Reported
Feet to sea level:	13.04	Note:	Not Reported
Level reading date:	1989-04-27	Feet below surface:	Not Reported
Feet to sea level:	12.60	Note:	Not Reported
Level reading date:	1989-04-04	Feet below surface:	Not Reported
Feet to sea level:	12.32	Note:	Not Reported
Level reading date:	1989-02-10	Feet below surface:	Not Reported
Feet to sea level:	12.06	Note:	Not Reported
Level reading date:	1989-01-18	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported
Level reading date:	1988-12-12	Feet below surface:	Not Reported
Feet to sea level:	11.93	Note:	Not Reported
Level reading date:	1988-11-21	Feet below surface:	Not Reported
Feet to sea level:	11.80	Note:	Not Reported
Level reading date:	1988-10-18	Feet below surface:	Not Reported
Feet to sea level:	11.64	Note:	Not Reported
Level reading date:	1988-09-19	Feet below surface:	Not Reported
Feet to sea level:	11.73	Note:	Not Reported
Level reading date:	1988-08-22	Feet below surface:	Not Reported
Feet to sea level:	11.65	Note:	Not Reported
Level reading date:	1988-07-18	Feet below surface:	Not Reported
Feet to sea level:	11.65	Note:	Not Reported
Level reading date:	1988-06-30	Feet below surface:	Not Reported
Feet to sea level:	11.82	Note:	Not Reported
Level reading date:	1988-06-13	Feet below surface:	Not Reported
Feet to sea level:	11.81	Note:	Not Reported
Level reading date:	1985-05-15	Feet below surface:	Not Reported
Feet to sea level:	8.25	Note:	Not Reported
Level reading date:	1984-12-17	Feet below surface:	Not Reported
Feet to sea level:	9.64	Note:	Not Reported
Level reading date:	1984-10-11	Feet below surface:	Not Reported
Feet to sea level:	10.36	Note:	Not Reported
Level reading date:	1984-06-28	Feet below surface:	Not Reported
Feet to sea level:	8.91	Note:	Not Reported
Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	7.67	Note:	Not Reported
Level reading date:	1984-03-02	Feet below surface:	Not Reported
Feet to sea level:	7.28	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A6
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829040**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 985. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	178	Well Hole Depth Units:	ft

A7
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829051**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1037. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	196	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	8	Level reading date:	1950-12-06
Feet below surface:	Not Reported	Feet to sea level:	8.72
Note:	Not Reported		

Level reading date:	1950-05-04	Feet below surface:	Not Reported
Feet to sea level:	9.73	Note:	Not Reported
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	11.86	Note:	Not Reported
Level reading date:	1949-01-03	Feet below surface:	Not Reported
Feet to sea level:	11.13	Note:	Not Reported
Level reading date:	1948-04-24	Feet below surface:	Not Reported
Feet to sea level:	10.59	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	10.07	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	11.16	Note:	Not Reported
Level reading date:	1946-11-20	Feet below surface:	Not Reported
Feet to sea level:	11.55	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A8
NW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000829062**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1036. 1	Type:	Well
Description:	3101	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	183	Well Hole Depth Units:	ft

9
NNE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000829077**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1314. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	215	Well Hole Depth Units:	ft

10
ESE
1/4 - 1/2 Mile
Lower | **FED USGS** | **USGS40000828815**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3811. 1	Type:	Well
Description:	157TH ST AND 107TH AVE, JAMAICA		
HUC:	02030202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20000613	Well Depth:	40
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	50	Level reading date:	2005-02-23
Feet below surface:	Not Reported	Feet to sea level:	19.09
Note:	Not Reported		
Level reading date:	2005-01-26	Feet below surface:	Not Reported
Feet to sea level:	18.91	Note:	Not Reported
Level reading date:	2004-12-16	Feet below surface:	Not Reported

Feet to sea level:	18.83	Note:	Not Reported
Level reading date:	2004-11-17	Feet below surface:	Not Reported
Feet to sea level:	18.74	Note:	Not Reported
Level reading date:	2004-10-26	Feet below surface:	Not Reported
Feet to sea level:	18.81	Note:	Not Reported
Level reading date:	2004-09-21	Feet below surface:	Not Reported
Feet to sea level:	18.63	Note:	Not Reported
Level reading date:	2004-08-24	Feet below surface:	Not Reported
Feet to sea level:	18.51	Note:	Not Reported
Level reading date:	2004-07-21	Feet below surface:	Not Reported
Feet to sea level:	18.23	Note:	Not Reported
Level reading date:	2004-06-22	Feet below surface:	Not Reported
Feet to sea level:	18.37	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	18.54	Note:	Not Reported
Level reading date:	2004-04-28	Feet below surface:	Not Reported
Feet to sea level:	18.58	Note:	Not Reported
Level reading date:	2004-03-16	Feet below surface:	Not Reported
Feet to sea level:	18.01	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	18.20	Note:	Not Reported
Level reading date:	2004-01-22	Feet below surface:	Not Reported
Feet to sea level:	18.10	Note:	Not Reported
Level reading date:	2003-12-22	Feet below surface:	Not Reported
Feet to sea level:	18.05	Note:	Not Reported
Level reading date:	2003-11-25	Feet below surface:	Not Reported
Feet to sea level:	17.69	Note:	Not Reported
Level reading date:	2003-10-29	Feet below surface:	Not Reported
Feet to sea level:	17.33	Note:	Not Reported
Level reading date:	2003-09-22	Feet below surface:	Not Reported
Feet to sea level:	17.45	Note:	Not Reported
Level reading date:	2003-08-27	Feet below surface:	Not Reported
Feet to sea level:	17.60	Note:	Not Reported
Level reading date:	2003-07-29	Feet below surface:	Not Reported
Feet to sea level:	17.76	Note:	Not Reported
Level reading date:	2003-05-28	Feet below surface:	Not Reported
Feet to sea level:	16.78	Note:	Not Reported
Level reading date:	2003-04-24	Feet below surface:	Not Reported
Feet to sea level:	16.68	Note:	Not Reported
Level reading date:	2003-01-30	Feet below surface:	Not Reported
Feet to sea level:	15.56	Note:	Not Reported

Level reading date:	2002-12-23	Feet below surface:	Not Reported
Feet to sea level:	15.10	Note:	Not Reported
Level reading date:	2002-11-22	Feet below surface:	Not Reported
Feet to sea level:	14.89	Note:	Not Reported
Level reading date:	2002-10-23	Feet below surface:	Not Reported
Feet to sea level:	14.59	Note:	Not Reported
Level reading date:	2002-09-24	Feet below surface:	Not Reported
Feet to sea level:	14.21	Note:	Not Reported
Level reading date:	2002-08-28	Feet below surface:	Not Reported
Feet to sea level:	14.02	Note:	Not Reported
Level reading date:	2002-07-17	Feet below surface:	Not Reported
Feet to sea level:	14.36	Note:	Not Reported
Level reading date:	2002-06-24	Feet below surface:	Not Reported
Feet to sea level:	14.67	Note:	Not Reported
Level reading date:	2002-05-30	Feet below surface:	Not Reported
Feet to sea level:	14.78	Note:	Not Reported
Level reading date:	2002-04-26	Feet below surface:	Not Reported
Feet to sea level:	14.56	Note:	Not Reported
Level reading date:	2002-02-26	Feet below surface:	Not Reported
Feet to sea level:	15.00	Note:	Not Reported
Level reading date:	2002-01-29	Feet below surface:	Not Reported
Feet to sea level:	15.14	Note:	Not Reported
Level reading date:	2001-12-27	Feet below surface:	Not Reported
Feet to sea level:	15.29	Note:	Not Reported
Level reading date:	2001-11-20	Feet below surface:	Not Reported
Feet to sea level:	15.46	Note:	Not Reported
Level reading date:	2001-10-23	Feet below surface:	Not Reported
Feet to sea level:	15.66	Note:	Not Reported
Level reading date:	2001-09-25	Feet below surface:	Not Reported
Feet to sea level:	16.04	Note:	Not Reported
Level reading date:	2001-08-22	Feet below surface:	Not Reported
Feet to sea level:	16.22	Note:	Not Reported
Level reading date:	2001-07-25	Feet below surface:	Not Reported
Feet to sea level:	16.42	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	Not Reported
Feet to sea level:	16.54	Note:	Not Reported
Level reading date:	2001-05-23	Feet below surface:	Not Reported
Feet to sea level:	16.55	Note:	Not Reported
Level reading date:	2001-04-24	Feet below surface:	Not Reported
Feet to sea level:	16.84	Note:	Not Reported
Level reading date:	2001-02-26	Feet below surface:	Not Reported
Feet to sea level:	15.83	Note:	Not Reported

Level reading date:	2001-01-29	Feet below surface:	Not Reported
Feet to sea level:	15.62	Note:	Not Reported
Level reading date:	2000-12-19	Feet below surface:	Not Reported
Feet to sea level:	15.59	Note:	Not Reported
Level reading date:	2000-11-29	Feet below surface:	Not Reported
Feet to sea level:	15.55	Note:	Not Reported
Level reading date:	2000-10-23	Feet below surface:	Not Reported
Feet to sea level:	15.65	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	Not Reported
Feet to sea level:	15.93	Note:	Not Reported
Level reading date:	2000-08-28	Feet below surface:	Not Reported
Feet to sea level:	16.05	Note:	Not Reported

11
WNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829030**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1286. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	49	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	226	Level reading date:	1961-01-16
Feet below surface:	Not Reported	Feet to sea level:	4.82
Note:	Not Reported		
Level reading date:	1959-03-23	Feet below surface:	Not Reported
Feet to sea level:	3.51	Note:	Not Reported
Level reading date:	1957-03-15	Feet below surface:	Not Reported
Feet to sea level:	5.05	Note:	Not Reported
Level reading date:	1954-12-30	Feet below surface:	Not Reported
Feet to sea level:	4.21	Note:	Not Reported
Level reading date:	1954-06-28	Feet below surface:	Not Reported
Feet to sea level:	5.16	Note:	Not Reported
Level reading date:	1954-05-24	Feet below surface:	Not Reported
Feet to sea level:	5.32	Note:	Not Reported
Level reading date:	1954-04-26	Feet below surface:	Not Reported
Feet to sea level:	5.55	Note:	Not Reported
Level reading date:	1954-03-24	Feet below surface:	Not Reported
Feet to sea level:	5.91	Note:	Not Reported
Level reading date:	1954-02-23	Feet below surface:	Not Reported
Feet to sea level:	6.36	Note:	Not Reported

Level reading date:	1954-01-25	Feet below surface:	Not Reported
Feet to sea level:	6.85	Note:	Not Reported
Level reading date:	1953-12-19	Feet below surface:	Not Reported
Feet to sea level:	7.09	Note:	Not Reported
Level reading date:	1953-11-24	Feet below surface:	Not Reported
Feet to sea level:	6.81	Note:	Not Reported
Level reading date:	1953-11-02	Feet below surface:	Not Reported
Feet to sea level:	6.85	Note:	Not Reported
Level reading date:	1953-08-19	Feet below surface:	Not Reported
Feet to sea level:	7.36	Note:	Not Reported
Level reading date:	1953-07-30	Feet below surface:	Not Reported
Feet to sea level:	7.62	Note:	Not Reported
Level reading date:	1953-06-25	Feet below surface:	Not Reported
Feet to sea level:	7.82	Note:	Not Reported
Level reading date:	1953-05-27	Feet below surface:	Not Reported
Feet to sea level:	7.56	Note:	Not Reported
Level reading date:	1953-04-28	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1953-03-27	Feet below surface:	Not Reported
Feet to sea level:	7.09	Note:	Not Reported
Level reading date:	1953-03-02	Feet below surface:	Not Reported
Feet to sea level:	7.61	Note:	Not Reported
Level reading date:	1953-02-12	Feet below surface:	Not Reported
Feet to sea level:	7.54	Note:	Not Reported
Level reading date:	1952-12-29	Feet below surface:	Not Reported
Feet to sea level:	7.46	Note:	Not Reported
Level reading date:	1952-12-08	Feet below surface:	Not Reported
Feet to sea level:	7.63	Note:	Not Reported
Level reading date:	1952-11-06	Feet below surface:	Not Reported
Feet to sea level:	7.96	Note:	Not Reported
Level reading date:	1952-09-23	Feet below surface:	Not Reported
Feet to sea level:	8.36	Note:	Not Reported
Level reading date:	1952-08-27	Feet below surface:	Not Reported
Feet to sea level:	8.60	Note:	Not Reported
Level reading date:	1952-07-28	Feet below surface:	Not Reported
Feet to sea level:	8.86	Note:	Not Reported
Level reading date:	1952-06-25	Feet below surface:	Not Reported
Feet to sea level:	8.97	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	8.63	Note:	Not Reported
Level reading date:	1952-04-30	Feet below surface:	Not Reported
Feet to sea level:	8.42	Note:	Not Reported

Level reading date:	1952-03-26	Feet below surface:	Not Reported
Feet to sea level:	8.44	Note:	Not Reported
Level reading date:	1952-02-21	Feet below surface:	Not Reported
Feet to sea level:	8.09	Note:	Not Reported
Level reading date:	1952-01-31	Feet below surface:	Not Reported
Feet to sea level:	8.45	Note:	Not Reported
Level reading date:	1951-12-21	Feet below surface:	Not Reported
Feet to sea level:	8.66	Note:	Not Reported
Level reading date:	1951-11-29	Feet below surface:	Not Reported
Feet to sea level:	9.66	Note:	Not Reported
Level reading date:	1951-10-31	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	1951-09-27	Feet below surface:	Not Reported
Feet to sea level:	7.52	Note:	Not Reported
Level reading date:	1951-08-29	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1951-07-25	Feet below surface:	Not Reported
Feet to sea level:	7.68	Note:	Not Reported
Level reading date:	1951-06-26	Feet below surface:	Not Reported
Feet to sea level:	7.73	Note:	Not Reported
Level reading date:	1951-05-31	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1951-04-26	Feet below surface:	Not Reported
Feet to sea level:	7.59	Note:	Not Reported
Level reading date:	1951-03-28	Feet below surface:	Not Reported
Feet to sea level:	7.38	Note:	Not Reported
Level reading date:	1951-02-26	Feet below surface:	Not Reported
Feet to sea level:	7.14	Note:	Not Reported
Level reading date:	1951-02-01	Feet below surface:	Not Reported
Feet to sea level:	6.98	Note:	Not Reported
Level reading date:	1950-12-19	Feet below surface:	Not Reported
Feet to sea level:	7.00	Note:	Not Reported
Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	7.00	Note:	Not Reported
Level reading date:	1950-11-01	Feet below surface:	Not Reported
Feet to sea level:	7.13	Note:	Not Reported
Level reading date:	1950-09-25	Feet below surface:	Not Reported
Feet to sea level:	7.19	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	7.39	Note:	Not Reported
Level reading date:	1950-07-25	Feet below surface:	Not Reported
Feet to sea level:	7.60	Note:	Not Reported

Level reading date:	1950-06-27	Feet below surface:	Not Reported
Feet to sea level:	7.79	Note:	Not Reported
Level reading date:	1950-05-25	Feet below surface:	Not Reported
Feet to sea level:	7.96	Note:	Not Reported
Level reading date:	1950-05-05	Feet below surface:	Not Reported
Feet to sea level:	8.01	Note:	Not Reported
Level reading date:	1950-04-26	Feet below surface:	Not Reported
Feet to sea level:	8.13	Note:	Not Reported
Level reading date:	1950-03-28	Feet below surface:	Not Reported
Feet to sea level:	7.98	Note:	Not Reported
Level reading date:	1950-02-27	Feet below surface:	Not Reported
Feet to sea level:	8.28	Note:	Not Reported
Level reading date:	1950-01-25	Feet below surface:	Not Reported
Feet to sea level:	8.35	Note:	Not Reported
Level reading date:	1949-12-28	Feet below surface:	Not Reported
Feet to sea level:	8.39	Note:	Not Reported
Level reading date:	1949-11-29	Feet below surface:	Not Reported
Feet to sea level:	8.64	Note:	Not Reported
Level reading date:	1949-11-01	Feet below surface:	Not Reported
Feet to sea level:	8.71	Note:	Not Reported
Level reading date:	1949-09-29	Feet below surface:	Not Reported
Feet to sea level:	8.91	Note:	Not Reported
Level reading date:	1949-08-26	Feet below surface:	Not Reported
Feet to sea level:	9.39	Note:	Not Reported
Level reading date:	1949-07-27	Feet below surface:	Not Reported
Feet to sea level:	9.75	Note:	Not Reported
Level reading date:	1949-06-30	Feet below surface:	Not Reported
Feet to sea level:	10.11	Note:	Not Reported
Level reading date:	1949-05-31	Feet below surface:	Not Reported
Feet to sea level:	10.19	Note:	Not Reported
Level reading date:	1949-04-27	Feet below surface:	Not Reported
Feet to sea level:	10.11	Note:	Not Reported
Level reading date:	1949-04-04	Feet below surface:	Not Reported
Feet to sea level:	10.00	Note:	Not Reported
Level reading date:	1949-02-24	Feet below surface:	Not Reported
Feet to sea level:	9.66	Note:	Not Reported
Level reading date:	1949-01-25	Feet below surface:	Not Reported
Feet to sea level:	9.41	Note:	Not Reported
Level reading date:	1948-12-30	Feet below surface:	Not Reported
Feet to sea level:	9.05	Note:	Not Reported
Level reading date:	1948-12-08	Feet below surface:	Not Reported
Feet to sea level:	9.27	Note:	Not Reported

Level reading date:	1948-11-08	Feet below surface:	Not Reported
Feet to sea level:	9.28	Note:	Not Reported
Level reading date:	1948-09-28	Feet below surface:	Not Reported
Feet to sea level:	9.46	Note:	Not Reported
Level reading date:	1948-08-31	Feet below surface:	Not Reported
Feet to sea level:	9.83	Note:	Not Reported
Level reading date:	1948-07-29	Feet below surface:	Not Reported
Feet to sea level:	9.82	Note:	Not Reported
Level reading date:	1948-06-28	Feet below surface:	Not Reported
Feet to sea level:	9.35	Note:	Not Reported
Level reading date:	1948-05-25	Feet below surface:	Not Reported
Feet to sea level:	8.96	Note:	Not Reported
Level reading date:	1948-04-27	Feet below surface:	Not Reported
Feet to sea level:	8.70	Note:	Not Reported
Level reading date:	1948-03-25	Feet below surface:	Not Reported
Feet to sea level:	8.51	Note:	Not Reported
Level reading date:	1948-03-02	Feet below surface:	Not Reported
Feet to sea level:	8.31	Note:	Not Reported
Level reading date:	1948-02-11	Feet below surface:	Not Reported
Feet to sea level:	8.70	Note:	Not Reported
Level reading date:	1948-01-06	Feet below surface:	Not Reported
Feet to sea level:	8.20	Note:	Not Reported
Level reading date:	1947-11-25	Feet below surface:	Not Reported
Feet to sea level:	8.10	Note:	Not Reported
Level reading date:	1947-11-03	Feet below surface:	Not Reported
Feet to sea level:	8.05	Note:	Not Reported
Level reading date:	1947-10-08	Feet below surface:	Not Reported
Feet to sea level:	8.23	Note:	Not Reported
Level reading date:	1947-09-02	Feet below surface:	Not Reported
Feet to sea level:	8.54	Note:	Not Reported
Level reading date:	1947-07-30	Feet below surface:	Not Reported
Feet to sea level:	8.98	Note:	Not Reported
Level reading date:	1947-07-11	Feet below surface:	Not Reported
Feet to sea level:	9.13	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	9.22	Note:	Not Reported
Level reading date:	1947-06-25	Feet below surface:	Not Reported
Feet to sea level:	9.18	Note:	Not Reported
Level reading date:	1947-05-26	Feet below surface:	Not Reported
Feet to sea level:	9.40	Note:	Not Reported
Level reading date:	1947-05-06	Feet below surface:	Not Reported
Feet to sea level:	9.41	Note:	Not Reported

Level reading date:	1947-04-03	Feet below surface:	Not Reported
Feet to sea level:	9.47	Note:	Not Reported
Level reading date:	1947-03-04	Feet below surface:	Not Reported
Feet to sea level:	9.52	Note:	Not Reported
Level reading date:	1947-01-27	Feet below surface:	Not Reported
Feet to sea level:	9.45	Note:	Not Reported
Level reading date:	1946-12-30	Feet below surface:	Not Reported
Feet to sea level:	9.37	Note:	Not Reported
Level reading date:	1946-11-25	Feet below surface:	Not Reported
Feet to sea level:	9.62	Note:	Not Reported
Level reading date:	1946-10-23	Feet below surface:	Not Reported
Feet to sea level:	9.91	Note:	Not Reported
Level reading date:	1946-09-27	Feet below surface:	Not Reported
Feet to sea level:	10.11	Note:	Not Reported
Level reading date:	1946-08-29	Feet below surface:	Not Reported
Feet to sea level:	10.20	Note:	Not Reported
Level reading date:	1946-07-31	Feet below surface:	Not Reported
Feet to sea level:	10.35	Note:	Not Reported
Level reading date:	1946-07-09	Feet below surface:	Not Reported
Feet to sea level:	10.55	Note:	Not Reported
Level reading date:	1946-06-10	Feet below surface:	Not Reported
Feet to sea level:	10.32	Note:	Not Reported
Level reading date:	1946-04-29	Feet below surface:	Not Reported
Feet to sea level:	10.05	Note:	Not Reported
Level reading date:	1946-04-12	Feet below surface:	Not Reported
Feet to sea level:	10.15	Note:	Not Reported
Level reading date:	1946-03-15	Feet below surface:	Not Reported
Feet to sea level:	10.25	Note:	Not Reported
Level reading date:	1946-02-13	Feet below surface:	Not Reported
Feet to sea level:	10.30	Note:	Not Reported
Level reading date:	1946-01-10	Feet below surface:	Not Reported
Feet to sea level:	10.34	Note:	Not Reported
Level reading date:	1945-12-04	Feet below surface:	Not Reported
Feet to sea level:	10.51	Note:	Not Reported
Level reading date:	1945-11-02	Feet below surface:	Not Reported
Feet to sea level:	10.59	Note:	Not Reported
Level reading date:	1945-10-09	Feet below surface:	Not Reported
Feet to sea level:	10.56	Note:	Not Reported
Level reading date:	1945-09-13	Feet below surface:	Not Reported
Feet to sea level:	11.15	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	10.77	Note:	Not Reported

Level reading date:	1945-07-04	Feet below surface:	Not Reported
Feet to sea level:	10.44	Note:	Not Reported
Level reading date:	1945-06-05	Feet below surface:	Not Reported
Feet to sea level:	10.42	Note:	Not Reported
Level reading date:	1945-04-27	Feet below surface:	Not Reported
Feet to sea level:	10.58	Note:	Not Reported
Level reading date:	1945-04-05	Feet below surface:	Not Reported
Feet to sea level:	10.72	Note:	Not Reported
Level reading date:	1945-03-03	Feet below surface:	Not Reported
Feet to sea level:	10.76	Note:	Not Reported
Level reading date:	1945-01-02	Feet below surface:	Not Reported
Feet to sea level:	10.26	Note:	Not Reported
Level reading date:	1944-12-05	Feet below surface:	Not Reported
Feet to sea level:	9.81	Note:	Not Reported
Level reading date:	1944-11-03	Feet below surface:	Not Reported
Feet to sea level:	9.62	Note:	Not Reported
Level reading date:	1944-10-05	Feet below surface:	Not Reported
Feet to sea level:	9.69	Note:	Not Reported
Level reading date:	1944-09-02	Feet below surface:	Not Reported
Feet to sea level:	9.51	Note:	Not Reported
Level reading date:	1944-07-31	Feet below surface:	Not Reported
Feet to sea level:	9.83	Note:	Not Reported
Level reading date:	1944-07-03	Feet below surface:	Not Reported
Feet to sea level:	10.12	Note:	Not Reported
Level reading date:	1944-05-27	Feet below surface:	Not Reported
Feet to sea level:	10.18	Note:	Not Reported
Level reading date:	1944-05-05	Feet below surface:	Not Reported
Feet to sea level:	10.11	Note:	Not Reported
Level reading date:	1944-03-30	Feet below surface:	Not Reported
Feet to sea level:	9.96	Note:	Not Reported
Level reading date:	1944-02-26	Feet below surface:	Not Reported
Feet to sea level:	10.01	Note:	Not Reported
Level reading date:	1944-01-29	Feet below surface:	Not Reported
Feet to sea level:	10.18	Note:	Not Reported
Level reading date:	1944-01-01	Feet below surface:	Not Reported
Feet to sea level:	10.20	Note:	Not Reported
Level reading date:	1943-11-27	Feet below surface:	Not Reported
Feet to sea level:	10.04	Note:	Not Reported
Level reading date:	1943-10-30	Feet below surface:	Not Reported
Feet to sea level:	9.69	Note:	Not Reported
Level reading date:	1943-09-25	Feet below surface:	Not Reported
Feet to sea level:	9.49	Note:	Not Reported

Level reading date:	1943-08-28	Feet below surface:	Not Reported
Feet to sea level:	9.69	Note:	Not Reported
Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	9.88	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	10.19	Note:	Not Reported
Level reading date:	1943-05-29	Feet below surface:	Not Reported
Feet to sea level:	10.31	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	10.31	Note:	Not Reported
Level reading date:	1943-02-27	Feet below surface:	Not Reported
Feet to sea level:	9.99	Note:	Not Reported
Level reading date:	1943-01-30	Feet below surface:	Not Reported
Feet to sea level:	9.95	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	9.69	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	9.62	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	9.59	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	9.57	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	9.55	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	9.56	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported
Feet to sea level:	9.55	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	9.55	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	9.47	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	9.44	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	9.44	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	9.40	Note:	Not Reported
Level reading date:	1942-10-10	Feet below surface:	Not Reported
Feet to sea level:	9.38	Note:	Not Reported
Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	9.36	Note:	Not Reported

Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	9.38	Note:	Not Reported
Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	9.40	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	9.39	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	9.36	Note:	Not Reported
Level reading date:	1942-08-31	Feet below surface:	Not Reported
Feet to sea level:	9.31	Note:	Not Reported
Level reading date:	1942-08-22	Feet below surface:	Not Reported
Feet to sea level:	9.25	Note:	Not Reported
Level reading date:	1942-08-15	Feet below surface:	Not Reported
Feet to sea level:	9.16	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	9.07	Note:	Not Reported
Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	9.06	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	9.09	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	9.06	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	9.07	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	9.12	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	9.15	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	9.17	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	9.25	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	9.26	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	9.30	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	9.34	Note:	Not Reported
Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	9.36	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	9.39	Note:	Not Reported

Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	9.44	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	9.49	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	9.49	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	9.52	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	9.51	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	9.45	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	9.39	Note:	Not Reported
Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	9.34	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	9.35	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	9.39	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	9.40	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	9.38	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	9.45	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	9.49	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	9.53	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	9.58	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	9.60	Note:	Not Reported
Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	9.63	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	9.59	Note:	Not Reported
Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	9.61	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	9.62	Note:	Not Reported

Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	10.59	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	9.73	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	9.79	Note:	Not Reported
Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	9.87	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	9.95	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	10.09	Note:	Not Reported
Level reading date:	1941-09-20	Feet below surface:	Not Reported
Feet to sea level:	10.19	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	10.31	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	10.38	Note:	Not Reported
Level reading date:	1941-08-30	Feet below surface:	Not Reported
Feet to sea level:	10.41	Note:	Not Reported
Level reading date:	1941-08-23	Feet below surface:	Not Reported
Feet to sea level:	10.39	Note:	Not Reported
Level reading date:	1941-08-16	Feet below surface:	Not Reported
Feet to sea level:	10.43	Note:	Not Reported
Level reading date:	1941-08-09	Feet below surface:	Not Reported
Feet to sea level:	10.55	Note:	Not Reported
Level reading date:	1941-08-02	Feet below surface:	Not Reported
Feet to sea level:	10.61	Note:	Not Reported
Level reading date:	1941-07-26	Feet below surface:	Not Reported
Feet to sea level:	10.65	Note:	Not Reported
Level reading date:	1941-07-19	Feet below surface:	Not Reported
Feet to sea level:	10.73	Note:	Not Reported
Level reading date:	1941-07-12	Feet below surface:	Not Reported
Feet to sea level:	10.79	Note:	Not Reported
Level reading date:	1941-07-05	Feet below surface:	Not Reported
Feet to sea level:	10.85	Note:	Not Reported
Level reading date:	1941-06-28	Feet below surface:	Not Reported
Feet to sea level:	10.90	Note:	Not Reported
Level reading date:	1941-06-21	Feet below surface:	Not Reported
Feet to sea level:	10.94	Note:	Not Reported
Level reading date:	1941-06-14	Feet below surface:	Not Reported
Feet to sea level:	10.93	Note:	Not Reported

Level reading date:	1941-06-07	Feet below surface:	Not Reported
Feet to sea level:	10.95	Note:	Not Reported
Level reading date:	1941-05-31	Feet below surface:	Not Reported
Feet to sea level:	11.05	Note:	Not Reported
Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	11.12	Note:	Not Reported
Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	11.16	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	11.19	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	11.26	Note:	Not Reported
Level reading date:	1941-04-26	Feet below surface:	Not Reported
Feet to sea level:	11.29	Note:	Not Reported

12
WSW **FED USGS** **USGS40000828822**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1447. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	135	Well Hole Depth Units:	ft

B13
NE **FED USGS** **USGS40000829089**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3118. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	69
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	62	Level reading date:	1985-06-20
Feet below surface:	Not Reported	Feet to sea level:	0.00
Note:	Well was plugged and not in hydraulic contact with formation..		
Level reading date:	1985-05-20	Feet below surface:	Not Reported
Feet to sea level:	6.66	Note:	Not Reported

Level reading date:	1985-04-22	Feet below surface:	Not Reported
Feet to sea level:	7.19	Note:	Not Reported
Level reading date:	1985-03-22	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1985-02-21	Feet below surface:	Not Reported
Feet to sea level:	7.72	Note:	Not Reported
Level reading date:	1985-01-30	Feet below surface:	Not Reported
Feet to sea level:	7.93	Note:	Not Reported
Level reading date:	1984-12-19	Feet below surface:	Not Reported
Feet to sea level:	7.88	Note:	Not Reported
Level reading date:	1984-11-26	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1984-10-23	Feet below surface:	Not Reported
Feet to sea level:	8.20	Note:	Not Reported
Level reading date:	1984-09-24	Feet below surface:	Not Reported
Feet to sea level:	8.54	Note:	Not Reported
Level reading date:	1984-08-27	Feet below surface:	Not Reported
Feet to sea level:	8.72	Note:	Not Reported
Level reading date:	1984-07-23	Feet below surface:	Not Reported
Feet to sea level:	7.83	Note:	Not Reported
Level reading date:	1984-06-20	Feet below surface:	Not Reported
Feet to sea level:	7.60	Note:	Not Reported
Level reading date:	1984-05-23	Feet below surface:	Not Reported
Feet to sea level:	7.06	Note:	Not Reported
Level reading date:	1984-04-23	Feet below surface:	Not Reported
Feet to sea level:	6.59	Note:	Not Reported
Level reading date:	1984-03-26	Feet below surface:	Not Reported
Feet to sea level:	5.83	Note:	Not Reported
Level reading date:	1984-03-01	Feet below surface:	Not Reported
Feet to sea level:	5.67	Note:	Not Reported
Level reading date:	1984-01-23	Feet below surface:	Not Reported
Feet to sea level:	4.71	Note:	Not Reported
Level reading date:	1983-12-19	Feet below surface:	Not Reported
Feet to sea level:	4.63	Note:	Not Reported
Level reading date:	1983-11-21	Feet below surface:	Not Reported
Feet to sea level:	4.83	Note:	Not Reported
Level reading date:	1983-10-21	Feet below surface:	Not Reported
Feet to sea level:	4.71	Note:	Not Reported
Level reading date:	1983-09-20	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1983-08-22	Feet below surface:	Not Reported
Feet to sea level:	4.47	Note:	Not Reported

Level reading date:	1983-07-25	Feet below surface:	Not Reported
Feet to sea level:	4.43	Note:	Not Reported
Level reading date:	1983-06-21	Feet below surface:	Not Reported
Feet to sea level:	3.42	Note:	Not Reported
Level reading date:	1983-05-23	Feet below surface:	Not Reported
Feet to sea level:	3.63	Note:	Not Reported
Level reading date:	1983-04-21	Feet below surface:	Not Reported
Feet to sea level:	3.23	Note:	Not Reported
Level reading date:	1983-03-23	Feet below surface:	Not Reported
Feet to sea level:	2.68	Note:	Not Reported
Level reading date:	1983-01-24	Feet below surface:	Not Reported
Feet to sea level:	2.06	Note:	Not Reported
Level reading date:	1983-01-04	Feet below surface:	Not Reported
Feet to sea level:	2.28	Note:	Not Reported
Level reading date:	1982-12-06	Feet below surface:	Not Reported
Feet to sea level:	2.50	Note:	Not Reported
Level reading date:	1982-10-20	Feet below surface:	Not Reported
Feet to sea level:	3.15	Note:	Not Reported
Level reading date:	1982-09-20	Feet below surface:	Not Reported
Feet to sea level:	2.23	Note:	Not Reported
Level reading date:	1982-08-19	Feet below surface:	Not Reported
Feet to sea level:	2.63	Note:	Not Reported
Level reading date:	1982-07-21	Feet below surface:	Not Reported
Feet to sea level:	2.83	Note:	Not Reported
Level reading date:	1982-06-23	Feet below surface:	Not Reported
Feet to sea level:	2.99	Note:	Not Reported
Level reading date:	1982-05-18	Feet below surface:	Not Reported
Feet to sea level:	3.12	Note:	Not Reported
Level reading date:	1982-04-22	Feet below surface:	Not Reported
Feet to sea level:	2.53	Note:	Not Reported
Level reading date:	1982-03-22	Feet below surface:	Not Reported
Feet to sea level:	2.43	Note:	Not Reported
Level reading date:	1982-02-24	Feet below surface:	Not Reported
Feet to sea level:	2.29	Note:	Not Reported
Level reading date:	1982-01-25	Feet below surface:	Not Reported
Feet to sea level:	2.14	Note:	Not Reported
Level reading date:	1981-12-21	Feet below surface:	Not Reported
Feet to sea level:	0.83	Note:	Not Reported
Level reading date:	1981-11-24	Feet below surface:	Not Reported
Feet to sea level:	0.62	Note:	Not Reported
Level reading date:	1981-10-27	Feet below surface:	Not Reported
Feet to sea level:	0.33	Note:	Not Reported

Level reading date:	1981-09-21	Feet below surface:	Not Reported
Feet to sea level:	0.62	Note:	Not Reported
Level reading date:	1981-08-24	Feet below surface:	Not Reported
Feet to sea level:	0.78	Note:	Not Reported
Level reading date:	1981-07-20	Feet below surface:	Not Reported
Feet to sea level:	1.08	Note:	Not Reported
Level reading date:	1981-06-22	Feet below surface:	Not Reported
Feet to sea level:	0.92	Note:	Not Reported
Level reading date:	1981-05-21	Feet below surface:	Not Reported
Feet to sea level:	0.93	Note:	Not Reported
Level reading date:	1981-04-21	Feet below surface:	Not Reported
Feet to sea level:	1.07	Note:	Not Reported
Level reading date:	1981-03-23	Feet below surface:	Not Reported
Feet to sea level:	0.79	Note:	Not Reported
Level reading date:	1981-02-25	Feet below surface:	Not Reported
Feet to sea level:	1.04	Note:	Not Reported
Level reading date:	1981-01-26	Feet below surface:	Not Reported
Feet to sea level:	1.63	Note:	Not Reported
Level reading date:	1980-12-24	Feet below surface:	Not Reported
Feet to sea level:	1.96	Note:	Not Reported
Level reading date:	1980-11-24	Feet below surface:	Not Reported
Feet to sea level:	2.34	Note:	Not Reported
Level reading date:	1980-10-21	Feet below surface:	Not Reported
Feet to sea level:	2.96	Note:	Not Reported
Level reading date:	1980-09-22	Feet below surface:	Not Reported
Feet to sea level:	3.03	Note:	Not Reported
Level reading date:	1980-07-21	Feet below surface:	Not Reported
Feet to sea level:	2.83	Note:	Not Reported
Level reading date:	1980-06-20	Feet below surface:	Not Reported
Feet to sea level:	3.04	Note:	Not Reported
Level reading date:	1980-05-21	Feet below surface:	Not Reported
Feet to sea level:	3.18	Note:	Not Reported
Level reading date:	1980-04-22	Feet below surface:	Not Reported
Feet to sea level:	3.13	Note:	Not Reported
Level reading date:	1980-02-11	Feet below surface:	Not Reported
Feet to sea level:	2.56	Note:	Not Reported

B14
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829090**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1965. 1	Type:	Well

Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	263	Well Hole Depth Units:	ft

15
NNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829137**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 970. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	8	Level reading date:	1950-12-06
Feet below surface:	Not Reported	Feet to sea level:	9.92
Note:	Not Reported		

Level reading date:	1950-05-05	Feet below surface:	Not Reported
Feet to sea level:	10.90	Note:	Not Reported
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	12.91	Note:	Not Reported
Level reading date:	1949-01-03	Feet below surface:	Not Reported
Feet to sea level:	12.27	Note:	Not Reported
Level reading date:	1948-04-24	Feet below surface:	Not Reported
Feet to sea level:	11.59	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	11.19	Note:	Not Reported
Level reading date:	1947-05-28	Feet below surface:	Not Reported
Feet to sea level:	12.35	Note:	Not Reported
Level reading date:	1946-11-20	Feet below surface:	Not Reported
Feet to sea level:	12.75	Note:	Not Reported

B16
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829109**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 102. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	3	Level reading date:	1950-05-04
Feet below surface:	Not Reported	Feet to sea level:	12.97
Note:	Not Reported		
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	15.62	Note:	Not Reported
Level reading date:	1949-01-03	Feet below surface:	Not Reported
Feet to sea level:	14.68	Note:	Not Reported

17
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828740**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1224. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	48	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	243	Level reading date:	1948-11-08
Feet below surface:	Not Reported	Feet to sea level:	7.52
Note:	Not Reported		
Level reading date:	1948-09-28	Feet below surface:	Not Reported
Feet to sea level:	7.53	Note:	Not Reported
Level reading date:	1948-08-30	Feet below surface:	Not Reported
Feet to sea level:	7.51	Note:	Not Reported
Level reading date:	1948-07-27	Feet below surface:	Not Reported
Feet to sea level:	7.31	Note:	Not Reported
Level reading date:	1948-06-28	Feet below surface:	Not Reported
Feet to sea level:	7.08	Note:	Not Reported
Level reading date:	1948-05-25	Feet below surface:	Not Reported
Feet to sea level:	6.83	Note:	Not Reported
Level reading date:	1948-04-27	Feet below surface:	Not Reported
Feet to sea level:	6.41	Note:	Not Reported
Level reading date:	1948-03-25	Feet below surface:	Not Reported
Feet to sea level:	6.43	Note:	Not Reported
Level reading date:	1948-03-02	Feet below surface:	Not Reported
Feet to sea level:	6.05	Note:	Not Reported
Level reading date:	1948-02-06	Feet below surface:	Not Reported

Feet to sea level:	5.86	Note:	Not Reported
Level reading date:	1948-01-06	Feet below surface:	Not Reported
Feet to sea level:	6.26	Note:	Not Reported
Level reading date:	1947-11-25	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1947-11-03	Feet below surface:	Not Reported
Feet to sea level:	6.25	Note:	Not Reported
Level reading date:	1947-10-07	Feet below surface:	Not Reported
Feet to sea level:	6.54	Note:	Not Reported
Level reading date:	1947-09-02	Feet below surface:	Not Reported
Feet to sea level:	6.21	Note:	Not Reported
Level reading date:	1947-08-01	Feet below surface:	Not Reported
Feet to sea level:	6.58	Note:	Not Reported
Level reading date:	1947-07-11	Feet below surface:	Not Reported
Feet to sea level:	6.86	Note:	Not Reported
Level reading date:	1947-07-03	Feet below surface:	Not Reported
Feet to sea level:	6.94	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	6.79	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	6.82	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	6.91	Note:	Not Reported
Level reading date:	1947-06-25	Feet below surface:	Not Reported
Feet to sea level:	6.84	Note:	Not Reported
Level reading date:	1947-05-26	Feet below surface:	Not Reported
Feet to sea level:	7.01	Note:	Not Reported
Level reading date:	1947-05-06	Feet below surface:	Not Reported
Feet to sea level:	6.67	Note:	Not Reported
Level reading date:	1947-04-03	Feet below surface:	Not Reported
Feet to sea level:	6.98	Note:	Not Reported
Level reading date:	1947-03-04	Feet below surface:	Not Reported
Feet to sea level:	6.75	Note:	Not Reported
Level reading date:	1947-01-27	Feet below surface:	Not Reported
Feet to sea level:	6.83	Note:	Not Reported
Level reading date:	1946-12-30	Feet below surface:	Not Reported
Feet to sea level:	7.23	Note:	Not Reported
Level reading date:	1946-11-25	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1946-10-23	Feet below surface:	Not Reported
Feet to sea level:	8.01	Note:	Not Reported

Level reading date:	1946-09-27	Feet below surface:	Not Reported
Feet to sea level:	8.18	Note:	Not Reported
Level reading date:	1946-08-29	Feet below surface:	Not Reported
Feet to sea level:	8.18	Note:	Not Reported
Level reading date:	1946-07-31	Feet below surface:	Not Reported
Feet to sea level:	8.42	Note:	Not Reported
Level reading date:	1946-07-05	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	1946-06-17	Feet below surface:	Not Reported
Feet to sea level:	8.37	Note:	Not Reported
Level reading date:	1946-05-09	Feet below surface:	Not Reported
Feet to sea level:	8.10	Note:	Not Reported
Level reading date:	1946-04-16	Feet below surface:	Not Reported
Feet to sea level:	8.18	Note:	Not Reported
Level reading date:	1946-03-15	Feet below surface:	Not Reported
Feet to sea level:	8.13	Note:	Not Reported
Level reading date:	1946-02-13	Feet below surface:	Not Reported
Feet to sea level:	8.33	Note:	Not Reported
Level reading date:	1946-01-10	Feet below surface:	Not Reported
Feet to sea level:	8.02	Note:	Not Reported
Level reading date:	1945-12-04	Feet below surface:	Not Reported
Feet to sea level:	8.60	Note:	Not Reported
Level reading date:	1945-11-02	Feet below surface:	Not Reported
Feet to sea level:	8.48	Note:	Not Reported
Level reading date:	1945-10-09	Feet below surface:	Not Reported
Feet to sea level:	8.28	Note:	Not Reported
Level reading date:	1945-09-13	Feet below surface:	Not Reported
Feet to sea level:	8.56	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	8.31	Note:	Not Reported
Level reading date:	1945-07-04	Feet below surface:	Not Reported
Feet to sea level:	8.25	Note:	Not Reported
Level reading date:	1945-06-06	Feet below surface:	Not Reported
Feet to sea level:	8.43	Note:	Not Reported
Level reading date:	1945-04-27	Feet below surface:	Not Reported
Feet to sea level:	8.14	Note:	Not Reported
Level reading date:	1945-04-03	Feet below surface:	Not Reported
Feet to sea level:	8.25	Note:	Not Reported
Level reading date:	1945-03-05	Feet below surface:	Not Reported
Feet to sea level:	8.62	Note:	Not Reported
Level reading date:	1945-02-06	Feet below surface:	Not Reported
Feet to sea level:	8.24	Note:	Not Reported

Level reading date:	1945-01-03	Feet below surface:	Not Reported
Feet to sea level:	8.30	Note:	Not Reported
Level reading date:	1944-12-05	Feet below surface:	Not Reported
Feet to sea level:	7.95	Note:	Not Reported
Level reading date:	1944-11-03	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1944-10-05	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	1944-09-01	Feet below surface:	Not Reported
Feet to sea level:	7.80	Note:	Not Reported
Level reading date:	1944-08-01	Feet below surface:	Not Reported
Feet to sea level:	8.38	Note:	Not Reported
Level reading date:	1944-07-03	Feet below surface:	Not Reported
Feet to sea level:	8.66	Note:	Not Reported
Level reading date:	1944-06-03	Feet below surface:	Not Reported
Feet to sea level:	8.39	Note:	Not Reported
Level reading date:	1944-04-25	Feet below surface:	Not Reported
Feet to sea level:	8.27	Note:	Not Reported
Level reading date:	1944-03-29	Feet below surface:	Not Reported
Feet to sea level:	8.50	Note:	Not Reported
Level reading date:	1944-03-08	Feet below surface:	Not Reported
Feet to sea level:	8.02	Note:	Not Reported
Level reading date:	1944-01-29	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	1944-01-01	Feet below surface:	Not Reported
Feet to sea level:	8.11	Note:	Not Reported
Level reading date:	1943-11-27	Feet below surface:	Not Reported
Feet to sea level:	8.28	Note:	Not Reported
Level reading date:	1943-09-25	Feet below surface:	Not Reported
Feet to sea level:	7.62	Note:	Not Reported
Level reading date:	1943-08-28	Feet below surface:	Not Reported
Feet to sea level:	7.80	Note:	Not Reported
Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	8.08	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	8.30	Note:	Not Reported
Level reading date:	1943-05-29	Feet below surface:	Not Reported
Feet to sea level:	8.59	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	8.40	Note:	Not Reported
Level reading date:	1943-03-27	Feet below surface:	Not Reported
Feet to sea level:	7.93	Note:	Not Reported

Level reading date:	1943-02-27	Feet below surface:	Not Reported
Feet to sea level:	7.57	Note:	Not Reported
Level reading date:	1943-01-30	Feet below surface:	Not Reported
Feet to sea level:	7.88	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	7.35	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	7.37	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	7.65	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	7.47	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	7.34	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	7.46	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported
Feet to sea level:	7.32	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	7.38	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	7.70	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	7.49	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	7.52	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	7.36	Note:	Not Reported
Level reading date:	1942-10-10	Feet below surface:	Not Reported
Feet to sea level:	7.42	Note:	Not Reported
Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	7.57	Note:	Not Reported
Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	7.59	Note:	Not Reported
Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	7.28	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	7.20	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	7.15	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	6.94	Note:	Not Reported

Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	6.91	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	6.89	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	6.88	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	6.92	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	6.91	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	6.97	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	7.02	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	7.04	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	7.13	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	7.19	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	7.19	Note:	Not Reported
Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	7.27	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	7.31	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	7.32	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	7.21	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	7.24	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	7.05	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	7.31	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	7.10	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	7.08	Note:	Not Reported

Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	7.25	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	6.92	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	6.90	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	6.96	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	7.01	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	7.01	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	7.05	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	7.22	Note:	Not Reported
Level reading date:	1942-01-10	Feet below surface:	Not Reported
Feet to sea level:	7.29	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	7.32	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	7.15	Note:	Not Reported
Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	7.26	Note:	Not Reported
Level reading date:	1941-12-13	Feet below surface:	Not Reported
Feet to sea level:	6.95	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	6.99	Note:	Not Reported
Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	7.47	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	7.49	Note:	Not Reported
Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1941-11-08	Feet below surface:	Not Reported
Feet to sea level:	7.39	Note:	Not Reported
Level reading date:	1941-11-01	Feet below surface:	Not Reported
Feet to sea level:	7.42	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	7.42	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	7.64	Note:	Not Reported

Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	7.65	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	7.84	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	7.93	Note:	Not Reported
Level reading date:	1941-09-20	Feet below surface:	Not Reported
Feet to sea level:	8.02	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	8.27	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	8.08	Note:	Not Reported
Level reading date:	1941-08-30	Feet below surface:	Not Reported
Feet to sea level:	8.12	Note:	Not Reported
Level reading date:	1941-08-23	Feet below surface:	Not Reported
Feet to sea level:	8.38	Note:	Not Reported
Level reading date:	1941-08-16	Feet below surface:	Not Reported
Feet to sea level:	8.28	Note:	Not Reported
Level reading date:	1941-08-09	Feet below surface:	Not Reported
Feet to sea level:	8.35	Note:	Not Reported
Level reading date:	1941-08-02	Feet below surface:	Not Reported
Feet to sea level:	8.47	Note:	Not Reported
Level reading date:	1941-07-26	Feet below surface:	Not Reported
Feet to sea level:	8.46	Note:	Not Reported
Level reading date:	1941-07-19	Feet below surface:	Not Reported
Feet to sea level:	8.52	Note:	Not Reported
Level reading date:	1941-07-12	Feet below surface:	Not Reported
Feet to sea level:	8.52	Note:	Not Reported
Level reading date:	1941-07-05	Feet below surface:	Not Reported
Feet to sea level:	8.68	Note:	Not Reported
Level reading date:	1941-06-28	Feet below surface:	Not Reported
Feet to sea level:	8.72	Note:	Not Reported
Level reading date:	1941-06-21	Feet below surface:	Not Reported
Feet to sea level:	8.76	Note:	Not Reported
Level reading date:	1941-06-14	Feet below surface:	Not Reported
Feet to sea level:	8.76	Note:	Not Reported
Level reading date:	1941-06-07	Feet below surface:	Not Reported
Feet to sea level:	8.77	Note:	Not Reported
Level reading date:	1941-05-31	Feet below surface:	Not Reported
Feet to sea level:	8.84	Note:	Not Reported
Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	8.90	Note:	Not Reported

Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	8.96	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	8.98	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	9.01	Note:	Not Reported
Level reading date:	1941-04-26	Feet below surface:	Not Reported
Feet to sea level:	9.00	Note:	Not Reported
Level reading date:	1941-04-12	Feet below surface:	Not Reported
Feet to sea level:	8.99	Note:	Not Reported
Level reading date:	1941-04-05	Feet below surface:	Not Reported
Feet to sea level:	8.93	Note:	Not Reported
Level reading date:	1941-03-29	Feet below surface:	Not Reported
Feet to sea level:	8.95	Note:	Not Reported
Level reading date:	1941-03-22	Feet below surface:	Not Reported
Feet to sea level:	8.93	Note:	Not Reported
Level reading date:	1941-03-15	Feet below surface:	Not Reported
Feet to sea level:	8.92	Note:	Not Reported
Level reading date:	1941-03-08	Feet below surface:	Not Reported
Feet to sea level:	8.89	Note:	Not Reported
Level reading date:	1941-03-01	Feet below surface:	Not Reported
Feet to sea level:	8.87	Note:	Not Reported
Level reading date:	1941-02-22	Feet below surface:	Not Reported
Feet to sea level:	8.84	Note:	Not Reported
Level reading date:	1941-02-15	Feet below surface:	Not Reported
Feet to sea level:	8.76	Note:	Not Reported
Level reading date:	1941-02-08	Feet below surface:	Not Reported
Feet to sea level:	8.55	Note:	Not Reported
Level reading date:	1941-02-01	Feet below surface:	Not Reported
Feet to sea level:	8.51	Note:	Not Reported
Level reading date:	1941-01-25	Feet below surface:	Not Reported
Feet to sea level:	8.50	Note:	Not Reported
Level reading date:	1941-01-18	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1941-01-11	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	Not Reported
Feet to sea level:	8.51	Note:	Not Reported
Level reading date:	1940-12-28	Feet below surface:	Not Reported
Feet to sea level:	8.46	Note:	Not Reported
Level reading date:	1940-12-21	Feet below surface:	Not Reported
Feet to sea level:	8.51	Note:	Not Reported

Level reading date:	1940-12-14	Feet below surface:	Not Reported
Feet to sea level:	8.52	Note:	Not Reported
Level reading date:	1940-12-07	Feet below surface:	Not Reported
Feet to sea level:	8.52	Note:	Not Reported
Level reading date:	1940-11-30	Feet below surface:	Not Reported
Feet to sea level:	8.54	Note:	Not Reported
Level reading date:	1940-11-23	Feet below surface:	Not Reported
Feet to sea level:	8.55	Note:	Not Reported
Level reading date:	1940-11-16	Feet below surface:	Not Reported
Feet to sea level:	8.56	Note:	Not Reported
Level reading date:	1940-11-09	Feet below surface:	Not Reported
Feet to sea level:	8.55	Note:	Not Reported
Level reading date:	1940-11-02	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	1940-10-26	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	1940-10-19	Feet below surface:	Not Reported
Feet to sea level:	8.59	Note:	Not Reported
Level reading date:	1940-10-12	Feet below surface:	Not Reported
Feet to sea level:	8.60	Note:	Not Reported
Level reading date:	1940-10-05	Feet below surface:	Not Reported
Feet to sea level:	8.60	Note:	Not Reported
Level reading date:	1940-09-28	Feet below surface:	Not Reported
Feet to sea level:	8.60	Note:	Not Reported
Level reading date:	1940-09-21	Feet below surface:	Not Reported
Feet to sea level:	8.65	Note:	Not Reported
Level reading date:	1940-09-14	Feet below surface:	Not Reported
Feet to sea level:	8.65	Note:	Not Reported
Level reading date:	1940-09-07	Feet below surface:	Not Reported
Feet to sea level:	8.65	Note:	Not Reported
Level reading date:	1940-08-31	Feet below surface:	Not Reported
Feet to sea level:	8.64	Note:	Not Reported
Level reading date:	1940-08-24	Feet below surface:	Not Reported
Feet to sea level:	8.67	Note:	Not Reported
Level reading date:	1940-08-17	Feet below surface:	Not Reported
Feet to sea level:	8.74	Note:	Not Reported
Level reading date:	1940-08-10	Feet below surface:	Not Reported
Feet to sea level:	8.85	Note:	Not Reported
Level reading date:	1940-08-03	Feet below surface:	Not Reported
Feet to sea level:	8.81	Note:	Not Reported
Level reading date:	1940-07-27	Feet below surface:	Not Reported
Feet to sea level:	8.86	Note:	Not Reported

Level reading date:	1940-07-20	Feet below surface:	Not Reported
Feet to sea level:	8.90	Note:	Not Reported
Level reading date:	1940-07-06	Feet below surface:	Not Reported
Feet to sea level:	8.95	Note:	Not Reported
Level reading date:	1940-06-29	Feet below surface:	Not Reported
Feet to sea level:	8.92	Note:	Not Reported
Level reading date:	1940-06-22	Feet below surface:	Not Reported
Feet to sea level:	8.96	Note:	Not Reported
Level reading date:	1940-06-15	Feet below surface:	Not Reported
Feet to sea level:	9.01	Note:	Not Reported
Level reading date:	1940-06-08	Feet below surface:	Not Reported
Feet to sea level:	8.98	Note:	Not Reported
Level reading date:	1940-06-01	Feet below surface:	Not Reported
Feet to sea level:	8.85	Note:	Not Reported
Level reading date:	1940-05-25	Feet below surface:	Not Reported
Feet to sea level:	8.86	Note:	Not Reported
Level reading date:	1940-05-18	Feet below surface:	Not Reported
Feet to sea level:	8.86	Note:	Not Reported
Level reading date:	1940-05-11	Feet below surface:	Not Reported
Feet to sea level:	8.79	Note:	Not Reported
Level reading date:	1940-05-03	Feet below surface:	Not Reported
Feet to sea level:	8.67	Note:	Not Reported
Level reading date:	1940-04-16	Feet below surface:	Not Reported
Feet to sea level:	8.63	Note:	Not Reported
Level reading date:	1940-03-12	Feet below surface:	Not Reported
Feet to sea level:	8.62	Note:	Not Reported
Level reading date:	1939-11-30	Feet below surface:	Not Reported
Feet to sea level:	9.33	Note:	Not Reported
Level reading date:	1939-10-24	Feet below surface:	Not Reported
Feet to sea level:	9.79	Note:	Not Reported
Level reading date:	1939-08-29	Feet below surface:	Not Reported
Feet to sea level:	10.83	Note:	Not Reported
Level reading date:	1939-07-24	Feet below surface:	Not Reported
Feet to sea level:	11.59	Note:	Not Reported
Level reading date:	1939-05-29	Feet below surface:	Not Reported
Feet to sea level:	12.41	Note:	Not Reported
Level reading date:	1939-04-04	Feet below surface:	Not Reported
Feet to sea level:	11.74	Note:	Not Reported
Level reading date:	1939-02-21	Feet below surface:	Not Reported
Feet to sea level:	11.09	Note:	Not Reported
Level reading date:	1938-12-20	Feet below surface:	Not Reported
Feet to sea level:	10.95	Note:	Not Reported

Level reading date:	1938-09-12	Feet below surface:	Not Reported
Feet to sea level:	10.11	Note:	Not Reported
Level reading date:	1938-06-17	Feet below surface:	Not Reported
Feet to sea level:	8.22	Note:	Not Reported
Level reading date:	1938-05-16	Feet below surface:	Not Reported
Feet to sea level:	8.74	Note:	Not Reported
Level reading date:	1938-04-19	Feet below surface:	Not Reported
Feet to sea level:	8.73	Note:	Not Reported
Level reading date:	1938-03-03	Feet below surface:	Not Reported
Feet to sea level:	8.38	Note:	Not Reported
Level reading date:	1938-01-10	Feet below surface:	Not Reported
Feet to sea level:	8.31	Note:	Not Reported
Level reading date:	1937-11-23	Feet below surface:	Not Reported
Feet to sea level:	7.99	Note:	Not Reported
Level reading date:	1937-09-27	Feet below surface:	Not Reported
Feet to sea level:	7.72	Note:	Not Reported
Level reading date:	1937-08-24	Feet below surface:	Not Reported
Feet to sea level:	8.22	Note:	Not Reported
Level reading date:	1937-06-21	Feet below surface:	Not Reported
Feet to sea level:	8.94	Note:	Not Reported
Level reading date:	1937-03-22	Feet below surface:	Not Reported
Feet to sea level:	8.73	Note:	Not Reported
Level reading date:	1936-12-28	Feet below surface:	Not Reported
Feet to sea level:	7.64	Note:	Not Reported
Level reading date:	1934-04-11	Feet below surface:	Not Reported
Feet to sea level:	7.80	Note:	Not Reported
Level reading date:	1934-03-23	Feet below surface:	Not Reported
Feet to sea level:	7.71	Note:	Not Reported
Level reading date:	1934-01-09	Feet below surface:	Not Reported
Feet to sea level:	7.12	Note:	Not Reported
Level reading date:	1933-12-22	Feet below surface:	Not Reported
Feet to sea level:	7.70	Note:	Not Reported
Level reading date:	1933-11-21	Feet below surface:	Not Reported
Feet to sea level:	7.56	Note:	Not Reported
Level reading date:	1933-11-01	Feet below surface:	Not Reported
Feet to sea level:	7.93	Note:	Not Reported
Level reading date:	1933-09-27	Feet below surface:	Not Reported
Feet to sea level:	7.84	Note:	Not Reported
Level reading date:	1933-08-29	Feet below surface:	Not Reported
Feet to sea level:	7.70	Note:	Not Reported
Level reading date:	1933-07-25	Feet below surface:	Not Reported
Feet to sea level:	7.78	Note:	Not Reported

Level reading date:	1933-06-28	Feet below surface:	Not Reported
Feet to sea level:	8.23	Note:	Not Reported
Level reading date:	1933-05-29	Feet below surface:	Not Reported
Feet to sea level:	8.04	Note:	Not Reported
Level reading date:	1933-04-20	Feet below surface:	Not Reported
Feet to sea level:	7.66	Note:	Not Reported

B18
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829110**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1035. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	277	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	6	Level reading date:	1950-12-06
Feet below surface:	Not Reported	Feet to sea level:	16.52
Note:	Not Reported		
Level reading date:	1950-05-04	Feet below surface:	Not Reported
Feet to sea level:	13.11	Note:	Not Reported
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	15.97	Note:	Not Reported
Level reading date:	1949-01-03	Feet below surface:	Not Reported
Feet to sea level:	14.88	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	14.61	Note:	Not Reported
Level reading date:	1946-11-19	Feet below surface:	Not Reported
Feet to sea level:	14.96	Note:	Not Reported

C19
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829136**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1275. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	161	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C20
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829135**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 143. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	7	Level reading date:	1950-05-05
Feet below surface:	Not Reported	Feet to sea level:	13.40
Note:	Not Reported		
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	16.01	Note:	Not Reported
Level reading date:	1948-12-15	Feet below surface:	Not Reported
Feet to sea level:	15.27	Note:	Not Reported
Level reading date:	1948-04-24	Feet below surface:	Not Reported
Feet to sea level:	16.76	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	16.34	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	15.30	Note:	Not Reported
Level reading date:	1946-11-19	Feet below surface:	Not Reported
Feet to sea level:	15.46	Note:	Not Reported

D21
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829015**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3988. 1	Type:	Well
Description:	Northeast c/o Guy R. Brewer Blvd. and Liberty Ave.		
HUC:	02030202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20040428	Well Depth:	50
Well Depth Units:	ft	Well Hole Depth:	52
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D22
ENE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000829014**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3161. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	34	Level reading date:	1987-10-29
Feet below surface:	Not Reported	Feet to sea level:	10.79
Note:	Not Reported		

Level reading date:	1987-09-30	Feet below surface:	Not Reported
Feet to sea level:	10.79	Note:	Not Reported
Level reading date:	1987-08-25	Feet below surface:	Not Reported
Feet to sea level:	10.54	Note:	Not Reported
Level reading date:	1987-07-29	Feet below surface:	Not Reported
Feet to sea level:	10.64	Note:	Not Reported
Level reading date:	1987-06-24	Feet below surface:	Not Reported
Feet to sea level:	10.46	Note:	Not Reported
Level reading date:	1987-05-26	Feet below surface:	Not Reported
Feet to sea level:	10.31	Note:	Not Reported
Level reading date:	1987-04-30	Feet below surface:	Not Reported
Feet to sea level:	10.09	Note:	Not Reported
Level reading date:	1987-03-26	Feet below surface:	Not Reported
Feet to sea level:	9.65	Note:	Not Reported
Level reading date:	1987-02-26	Feet below surface:	Not Reported
Feet to sea level:	9.26	Note:	Not Reported
Level reading date:	1987-01-29	Feet below surface:	Not Reported
Feet to sea level:	9.00	Note:	Not Reported
Level reading date:	1986-12-17	Feet below surface:	Not Reported
Feet to sea level:	8.38	Note:	Not Reported
Level reading date:	1986-11-26	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	1986-10-29	Feet below surface:	Not Reported
Feet to sea level:	8.05	Note:	Not Reported
Level reading date:	1986-10-01	Feet below surface:	Not Reported
Feet to sea level:	8.13	Note:	Not Reported

Level reading date:	1986-08-21	Feet below surface:	Not Reported
Feet to sea level:	8.12	Note:	Not Reported
Level reading date:	1986-07-24	Feet below surface:	Not Reported
Feet to sea level:	8.04	Note:	Not Reported
Level reading date:	1986-06-30	Feet below surface:	Not Reported
Feet to sea level:	18.09	Note:	Not Reported
Level reading date:	1986-05-19	Feet below surface:	Not Reported
Feet to sea level:	8.22	Note:	Not Reported
Level reading date:	1986-04-22	Feet below surface:	Not Reported
Feet to sea level:	8.22	Note:	Not Reported
Level reading date:	1986-04-02	Feet below surface:	Not Reported
Feet to sea level:	8.26	Note:	Not Reported
Level reading date:	1986-02-28	Feet below surface:	Not Reported
Feet to sea level:	8.01	Note:	Not Reported
Level reading date:	1986-01-16	Feet below surface:	Not Reported
Feet to sea level:	7.81	Note:	Not Reported
Level reading date:	1985-12-17	Feet below surface:	Not Reported
Feet to sea level:	7.61	Note:	Not Reported
Level reading date:	1985-11-18	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1985-10-23	Feet below surface:	Not Reported
Feet to sea level:	7.81	Note:	Not Reported
Level reading date:	1985-09-25	Feet below surface:	Not Reported
Feet to sea level:	7.77	Note:	Not Reported
Level reading date:	1985-08-21	Feet below surface:	Not Reported
Feet to sea level:	7.99	Note:	Not Reported
Level reading date:	1985-07-25	Feet below surface:	Not Reported
Feet to sea level:	7.94	Note:	Not Reported
Level reading date:	1985-05-15	Feet below surface:	Not Reported
Feet to sea level:	7.99	Note:	Not Reported
Level reading date:	1984-12-17	Feet below surface:	Not Reported
Feet to sea level:	8.74	Note:	Not Reported
Level reading date:	1984-10-11	Feet below surface:	Not Reported
Feet to sea level:	9.24	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	8.74	Note:	Not Reported
Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	6.81	Note:	Not Reported
Level reading date:	1984-03-02	Feet below surface:	Not Reported
Feet to sea level:	6.39	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C23
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829148**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1239. 1	Type:	Well
Description:	5101	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	200	Well Hole Depth Units:	ft

E24
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829201**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 302. 1	Type:	Well
Description:	NEW: Q 1839. 1	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	97
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	5	Level reading date:	1950-05-08
Feet below surface:	Not Reported	Feet to sea level:	10.00
Note:	Not Reported		
Level reading date:	1950-05-04	Feet below surface:	Not Reported
Feet to sea level:	10.30	Note:	Not Reported
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	12.30	Note:	Not Reported
Level reading date:	1948-04-22	Feet below surface:	Not Reported
Feet to sea level:	10.00	Note:	Not Reported
Level reading date:	1948-01-19	Feet below surface:	Not Reported
Feet to sea level:	4.20	Note:	Not Reported

E25
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829200**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 557. 1	Type:	Well
Description:	NEW: Q 1843. 1	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Magothy Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	197
Well Depth Units:	ft	Well Hole Depth:	197
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	9	Level reading date:	1950-05-08
Feet below surface:	Not Reported	Feet to sea level:	-23.70
Note:	The site was being pumped.		

Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	-15.66	Note:	Not Reported
Level reading date:	1948-04-22	Feet below surface:	Not Reported
Feet to sea level:	-15.60	Note:	Not Reported
Level reading date:	1948-01-19	Feet below surface:	Not Reported
Feet to sea level:	-14.70	Note:	Not Reported
Level reading date:	1947-08-01	Feet below surface:	Not Reported
Feet to sea level:	-9.90	Note:	The site was being pumped.
Level reading date:	1947-07-14	Feet below surface:	Not Reported
Feet to sea level:	-6.20	Note:	The site was being pumped.
Level reading date:	1947-07-03	Feet below surface:	Not Reported
Feet to sea level:	-10.80	Note:	The site was being pumped.
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-10.80	Note:	The site was being pumped.
Level reading date:	1947-06-27	Feet below surface:	Not Reported
Feet to sea level:	-6.80	Note:	The site was being pumped.

F26
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828800**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1835. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	348	Well Hole Depth Units:	ft

F27
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828801**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1843. 1	Type:	Well
Description:	OLD: Q 559. 1	HUC:	02030202

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	85
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1985-05-14
Feet below surface:	Not Reported	Feet to sea level:	10.22
Note:	Not Reported		
Level reading date:	1984-04-10	Feet below surface:	Not Reported
Feet to sea level:	10.75	Note:	Not Reported
Level reading date:	1983-03-23	Feet below surface:	Not Reported
Feet to sea level:	6.05	Note:	Not Reported

28
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829185**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1507. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	157	Well Hole Depth Units:	ft

29
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829088**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3989. 1	Type:	Well
Description:	West s/o 165th St., 62 ft s/o LIRR Trestle		
HUC:	02030202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20040428	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

30
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829049**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3987. 1	Type:	Well
Description:	Northwest c/o 165th St. and Liberty Ave.		
HUC:	02030202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20040428	Well Depth:	40
Well Depth Units:	ft	Well Hole Depth:	42
Well Hole Depth Units:	ft		

31
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828696**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2990. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	314	Well Hole Depth Units:	ft

G32
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829176**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 113. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	7	Level reading date:	1950-05-04
Feet below surface:	Not Reported	Feet to sea level:	13.94
Note:	Not Reported		
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	16.59	Note:	Not Reported
Level reading date:	1948-12-15	Feet below surface:	Not Reported

Feet to sea level:	15.92	Note:	Not Reported
Level reading date:	1948-04-24	Feet below surface:	Not Reported
Feet to sea level:	15.33	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	15.75	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	14.61	Note:	Not Reported
Level reading date:	1946-11-19	Feet below surface:	Not Reported
Feet to sea level:	16.05	Note:	Not Reported

G33
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000829175

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 539. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	66
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	66	Level reading date:	1984-06-27
Feet below surface:	Not Reported	Feet to sea level:	-2.16
Note:	Not Reported		
Level reading date:	1984-02-17	Feet below surface:	Not Reported
Feet to sea level:	-2.66	Note:	Not Reported
Level reading date:	1983-03-23	Feet below surface:	Not Reported
Feet to sea level:	-10.67	Note:	Not Reported
Level reading date:	1976-03-15	Feet below surface:	Not Reported
Feet to sea level:	-6.60	Note:	Not Reported
Level reading date:	1974-05-31	Feet below surface:	Not Reported
Feet to sea level:	-14.24	Note:	Not Reported
Level reading date:	1974-04-03	Feet below surface:	Not Reported
Feet to sea level:	-12.55	Note:	Not Reported
Level reading date:	1973-04-06	Feet below surface:	Not Reported
Feet to sea level:	-5.28	Note:	Not Reported
Level reading date:	1972-03-30	Feet below surface:	Not Reported
Feet to sea level:	-4.74	Note:	Not Reported
Level reading date:	1971-03-19	Feet below surface:	Not Reported
Feet to sea level:	-5.12	Note:	Not Reported
Level reading date:	1970-03-02	Feet below surface:	Not Reported
Feet to sea level:	-3.70	Note:	Not Reported

Level reading date:	1969-03-18	Feet below surface:	Not Reported
Feet to sea level:	-1.95	Note:	Not Reported
Level reading date:	1968-03-19	Feet below surface:	Not Reported
Feet to sea level:	-1.09	Note:	Not Reported
Level reading date:	1967-03-21	Feet below surface:	Not Reported
Feet to sea level:	-1.47	Note:	Not Reported
Level reading date:	1966-04-20	Feet below surface:	Not Reported
Feet to sea level:	0.23	Note:	Not Reported
Level reading date:	1965-09-15	Feet below surface:	Not Reported
Feet to sea level:	0.95	Note:	Not Reported
Level reading date:	1964-11-18	Feet below surface:	Not Reported
Feet to sea level:	2.61	Note:	Not Reported
Level reading date:	1964-02-18	Feet below surface:	Not Reported
Feet to sea level:	4.50	Note:	Not Reported
Level reading date:	1962-12-07	Feet below surface:	Not Reported
Feet to sea level:	7.62	Note:	Not Reported
Level reading date:	1962-05-01	Feet below surface:	Not Reported
Feet to sea level:	8.46	Note:	Not Reported
Level reading date:	1962-01-05	Feet below surface:	Not Reported
Feet to sea level:	8.16	Note:	Not Reported
Level reading date:	1961-01-10	Feet below surface:	Not Reported
Feet to sea level:	7.30	Note:	Not Reported
Level reading date:	1960-01-11	Feet below surface:	Not Reported
Feet to sea level:	7.02	Note:	Not Reported
Level reading date:	1959-03-11	Feet below surface:	Not Reported
Feet to sea level:	8.65	Note:	Not Reported
Level reading date:	1958-01-29	Feet below surface:	Not Reported
Feet to sea level:	7.02	Note:	Not Reported
Level reading date:	1957-01-29	Feet below surface:	Not Reported
Feet to sea level:	9.30	Note:	Not Reported
Level reading date:	1956-01-20	Feet below surface:	Not Reported
Feet to sea level:	10.65	Note:	Not Reported
Level reading date:	1954-12-29	Feet below surface:	Not Reported
Feet to sea level:	11.27	Note:	Not Reported
Level reading date:	1954-04-26	Feet below surface:	Not Reported
Feet to sea level:	12.04	Note:	Not Reported
Level reading date:	1954-02-23	Feet below surface:	Not Reported
Feet to sea level:	12.47	Note:	Not Reported
Level reading date:	1954-01-25	Feet below surface:	Not Reported
Feet to sea level:	12.61	Note:	Not Reported
Level reading date:	1953-12-19	Feet below surface:	Not Reported
Feet to sea level:	12.77	Note:	Not Reported

Level reading date:	1953-11-24	Feet below surface:	Not Reported
Feet to sea level:	13.21	Note:	Not Reported
Level reading date:	1953-11-02	Feet below surface:	Not Reported
Feet to sea level:	12.99	Note:	Not Reported
Level reading date:	1953-09-28	Feet below surface:	Not Reported
Feet to sea level:	13.38	Note:	Not Reported
Level reading date:	1953-06-24	Feet below surface:	Not Reported
Feet to sea level:	14.76	Note:	Not Reported
Level reading date:	1953-05-27	Feet below surface:	Not Reported
Feet to sea level:	14.09	Note:	Not Reported
Level reading date:	1953-04-28	Feet below surface:	Not Reported
Feet to sea level:	13.87	Note:	Not Reported
Level reading date:	1953-03-27	Feet below surface:	Not Reported
Feet to sea level:	13.60	Note:	Not Reported
Level reading date:	1953-03-02	Feet below surface:	Not Reported
Feet to sea level:	13.39	Note:	Not Reported
Level reading date:	1953-02-12	Feet below surface:	Not Reported
Feet to sea level:	13.46	Note:	Not Reported
Level reading date:	1952-12-24	Feet below surface:	Not Reported
Feet to sea level:	13.75	Note:	Not Reported
Level reading date:	1952-12-08	Feet below surface:	Not Reported
Feet to sea level:	13.93	Note:	Not Reported
Level reading date:	1952-11-07	Feet below surface:	Not Reported
Feet to sea level:	14.39	Note:	Not Reported
Level reading date:	1952-09-23	Feet below surface:	Not Reported
Feet to sea level:	14.96	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	14.92	Note:	Not Reported
Level reading date:	1952-04-30	Feet below surface:	Not Reported
Feet to sea level:	14.63	Note:	Not Reported
Level reading date:	1952-03-26	Feet below surface:	Not Reported
Feet to sea level:	14.46	Note:	Not Reported
Level reading date:	1952-02-21	Feet below surface:	Not Reported
Feet to sea level:	14.11	Note:	Not Reported
Level reading date:	1952-01-31	Feet below surface:	Not Reported
Feet to sea level:	13.93	Note:	Not Reported
Level reading date:	1951-12-21	Feet below surface:	Not Reported
Feet to sea level:	13.75	Note:	Not Reported
Level reading date:	1951-11-29	Feet below surface:	Not Reported
Feet to sea level:	13.67	Note:	Not Reported
Level reading date:	1951-11-02	Feet below surface:	Not Reported
Feet to sea level:	13.55	Note:	Not Reported

Level reading date:	1951-05-31	Feet below surface:	Not Reported
Feet to sea level:	13.76	Note:	Not Reported
Level reading date:	1951-04-26	Feet below surface:	Not Reported
Feet to sea level:	13.57	Note:	Not Reported
Level reading date:	1951-03-28	Feet below surface:	Not Reported
Feet to sea level:	13.16	Note:	Not Reported
Level reading date:	1951-02-27	Feet below surface:	Not Reported
Feet to sea level:	13.25	Note:	Not Reported
Level reading date:	1951-02-01	Feet below surface:	Not Reported
Feet to sea level:	13.17	Note:	Not Reported
Level reading date:	1950-12-19	Feet below surface:	Not Reported
Feet to sea level:	13.23	Note:	Not Reported
Level reading date:	1950-12-06	Feet below surface:	Not Reported
Feet to sea level:	13.22	Note:	Not Reported
Level reading date:	1950-05-04	Feet below surface:	Not Reported
Feet to sea level:	14.09	Note:	Not Reported
Level reading date:	1949-04-11	Feet below surface:	Not Reported
Feet to sea level:	16.77	Note:	Not Reported
Level reading date:	1948-12-15	Feet below surface:	Not Reported
Feet to sea level:	16.07	Note:	Not Reported
Level reading date:	1948-04-24	Feet below surface:	Not Reported
Feet to sea level:	15.48	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	14.93	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	15.90	Note:	Not Reported
Level reading date:	1946-11-19	Feet below surface:	Not Reported
Feet to sea level:	16.25	Note:	Not Reported

34
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829241**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1392. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	361	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	96	Level reading date:	1950-12-19
Feet below surface:	Not Reported	Feet to sea level:	12.80
Note:	Not Reported		

Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	12.80	Note:	Not Reported
Level reading date:	1950-11-01	Feet below surface:	Not Reported
Feet to sea level:	12.80	Note:	Not Reported
Level reading date:	1950-09-25	Feet below surface:	Not Reported
Feet to sea level:	12.80	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	12.80	Note:	Not Reported
Level reading date:	1950-07-25	Feet below surface:	Not Reported
Feet to sea level:	12.85	Note:	Not Reported
Level reading date:	1950-06-27	Feet below surface:	Not Reported
Feet to sea level:	12.90	Note:	Not Reported
Level reading date:	1950-05-25	Feet below surface:	Not Reported
Feet to sea level:	12.92	Note:	Not Reported
Level reading date:	1950-05-04	Feet below surface:	Not Reported
Feet to sea level:	12.89	Note:	Not Reported
Level reading date:	1950-04-26	Feet below surface:	Not Reported
Feet to sea level:	12.91	Note:	Not Reported
Level reading date:	1950-03-28	Feet below surface:	Not Reported
Feet to sea level:	12.90	Note:	Not Reported
Level reading date:	1950-03-01	Feet below surface:	Not Reported
Feet to sea level:	12.84	Note:	Not Reported
Level reading date:	1950-01-24	Feet below surface:	Not Reported
Feet to sea level:	12.79	Note:	Not Reported
Level reading date:	1949-12-28	Feet below surface:	Not Reported
Feet to sea level:	12.74	Note:	Not Reported
Level reading date:	1949-11-29	Feet below surface:	Not Reported
Feet to sea level:	12.69	Note:	Not Reported
Level reading date:	1949-11-01	Feet below surface:	Not Reported
Feet to sea level:	12.59	Note:	Not Reported
Level reading date:	1949-09-29	Feet below surface:	Not Reported
Feet to sea level:	12.54	Note:	Not Reported
Level reading date:	1949-08-26	Feet below surface:	Not Reported
Feet to sea level:	12.49	Note:	Not Reported
Level reading date:	1949-07-27	Feet below surface:	Not Reported
Feet to sea level:	12.49	Note:	Not Reported
Level reading date:	1949-07-01	Feet below surface:	Not Reported
Feet to sea level:	12.45	Note:	Not Reported
Level reading date:	1949-05-31	Feet below surface:	Not Reported
Feet to sea level:	12.42	Note:	Not Reported
Level reading date:	1949-04-06	Feet below surface:	Not Reported
Feet to sea level:	12.31	Note:	Not Reported

Level reading date:	1949-02-24	Feet below surface:	Not Reported
Feet to sea level:	12.11	Note:	Not Reported
Level reading date:	1949-02-04	Feet below surface:	Not Reported
Feet to sea level:	12.02	Note:	Not Reported
Level reading date:	1948-10-09	Feet below surface:	Not Reported
Feet to sea level:	11.48	Note:	Not Reported
Level reading date:	1948-10-02	Feet below surface:	Not Reported
Feet to sea level:	11.50	Note:	Not Reported
Level reading date:	1948-09-25	Feet below surface:	Not Reported
Feet to sea level:	11.47	Note:	Not Reported
Level reading date:	1948-09-18	Feet below surface:	Not Reported
Feet to sea level:	11.47	Note:	Not Reported
Level reading date:	1948-09-10	Feet below surface:	Not Reported
Feet to sea level:	11.49	Note:	Not Reported
Level reading date:	1948-09-03	Feet below surface:	Not Reported
Feet to sea level:	11.52	Note:	Not Reported
Level reading date:	1948-08-27	Feet below surface:	Not Reported
Feet to sea level:	11.54	Note:	Not Reported
Level reading date:	1948-08-20	Feet below surface:	Not Reported
Feet to sea level:	11.56	Note:	Not Reported
Level reading date:	1948-08-13	Feet below surface:	Not Reported
Feet to sea level:	11.58	Note:	Not Reported
Level reading date:	1948-08-07	Feet below surface:	Not Reported
Feet to sea level:	11.62	Note:	Not Reported
Level reading date:	1948-07-30	Feet below surface:	Not Reported
Feet to sea level:	11.65	Note:	Not Reported
Level reading date:	1948-07-26	Feet below surface:	Not Reported
Feet to sea level:	11.66	Note:	Not Reported
Level reading date:	1948-07-16	Feet below surface:	Not Reported
Feet to sea level:	11.69	Note:	Not Reported
Level reading date:	1948-07-09	Feet below surface:	Not Reported
Feet to sea level:	11.76	Note:	Not Reported
Level reading date:	1948-07-02	Feet below surface:	Not Reported
Feet to sea level:	11.80	Note:	Not Reported
Level reading date:	1948-06-25	Feet below surface:	Not Reported
Feet to sea level:	11.88	Note:	Not Reported
Level reading date:	1948-06-18	Feet below surface:	Not Reported
Feet to sea level:	11.95	Note:	Not Reported
Level reading date:	1948-06-11	Feet below surface:	Not Reported
Feet to sea level:	12.01	Note:	Not Reported
Level reading date:	1948-06-04	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported

Level reading date:	1948-05-29	Feet below surface:	Not Reported
Feet to sea level:	12.55	Note:	Not Reported
Level reading date:	1948-05-22	Feet below surface:	Not Reported
Feet to sea level:	12.45	Note:	Not Reported
Level reading date:	1948-05-15	Feet below surface:	Not Reported
Feet to sea level:	12.62	Note:	Not Reported
Level reading date:	1948-05-08	Feet below surface:	Not Reported
Feet to sea level:	12.92	Note:	Not Reported
Level reading date:	1948-05-01	Feet below surface:	Not Reported
Feet to sea level:	12.98	Note:	Not Reported
Level reading date:	1948-04-24	Feet below surface:	Not Reported
Feet to sea level:	12.99	Note:	Not Reported
Level reading date:	1948-04-17	Feet below surface:	Not Reported
Feet to sea level:	13.07	Note:	Not Reported
Level reading date:	1948-04-10	Feet below surface:	Not Reported
Feet to sea level:	13.24	Note:	Not Reported
Level reading date:	1948-04-03	Feet below surface:	Not Reported
Feet to sea level:	13.28	Note:	Not Reported
Level reading date:	1948-03-27	Feet below surface:	Not Reported
Feet to sea level:	13.30	Note:	Not Reported
Level reading date:	1948-03-20	Feet below surface:	Not Reported
Feet to sea level:	13.36	Note:	Not Reported
Level reading date:	1948-03-13	Feet below surface:	Not Reported
Feet to sea level:	13.35	Note:	Not Reported
Level reading date:	1948-03-06	Feet below surface:	Not Reported
Feet to sea level:	14.28	Note:	Not Reported
Level reading date:	1948-02-28	Feet below surface:	Not Reported
Feet to sea level:	13.32	Note:	Not Reported
Level reading date:	1948-02-21	Feet below surface:	Not Reported
Feet to sea level:	12.94	Note:	Not Reported
Level reading date:	1948-02-14	Feet below surface:	Not Reported
Feet to sea level:	13.05	Note:	Not Reported
Level reading date:	1948-02-07	Feet below surface:	Not Reported
Feet to sea level:	12.76	Note:	Not Reported
Level reading date:	1948-01-31	Feet below surface:	Not Reported
Feet to sea level:	12.84	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	12.61	Note:	Not Reported
Level reading date:	1948-01-10	Feet below surface:	Not Reported
Feet to sea level:	12.35	Note:	Not Reported
Level reading date:	1947-12-31	Feet below surface:	Not Reported
Feet to sea level:	12.27	Note:	Not Reported

Level reading date:	1947-12-20	Feet below surface:	Not Reported
Feet to sea level:	11.99	Note:	Not Reported
Level reading date:	1947-12-13	Feet below surface:	Not Reported
Feet to sea level:	11.22	Note:	Not Reported
Level reading date:	1947-12-06	Feet below surface:	Not Reported
Feet to sea level:	11.11	Note:	Not Reported
Level reading date:	1947-11-29	Feet below surface:	Not Reported
Feet to sea level:	11.15	Note:	Not Reported
Level reading date:	1947-11-22	Feet below surface:	Not Reported
Feet to sea level:	11.01	Note:	Not Reported
Level reading date:	1947-11-15	Feet below surface:	Not Reported
Feet to sea level:	10.63	Note:	Not Reported
Level reading date:	1947-11-08	Feet below surface:	Not Reported
Feet to sea level:	9.85	Note:	Not Reported
Level reading date:	1947-11-01	Feet below surface:	Not Reported
Feet to sea level:	9.78	Note:	Not Reported
Level reading date:	1947-10-25	Feet below surface:	Not Reported
Feet to sea level:	9.53	Note:	Not Reported
Level reading date:	1947-10-18	Feet below surface:	Not Reported
Feet to sea level:	9.94	Note:	Not Reported
Level reading date:	1947-10-11	Feet below surface:	Not Reported
Feet to sea level:	9.79	Note:	Not Reported
Level reading date:	1947-10-04	Feet below surface:	Not Reported
Feet to sea level:	8.71	Note:	Not Reported
Level reading date:	1947-09-27	Feet below surface:	Not Reported
Feet to sea level:	8.89	Note:	Not Reported
Level reading date:	1947-09-19	Feet below surface:	Not Reported
Feet to sea level:	8.01	Note:	Not Reported
Level reading date:	1947-09-12	Feet below surface:	Not Reported
Feet to sea level:	7.62	Note:	Not Reported
Level reading date:	1947-09-05	Feet below surface:	Not Reported
Feet to sea level:	7.38	Note:	Not Reported
Level reading date:	1947-08-27	Feet below surface:	Not Reported
Feet to sea level:	7.34	Note:	Not Reported
Level reading date:	1947-08-22	Feet below surface:	Not Reported
Feet to sea level:	7.24	Note:	Not Reported
Level reading date:	1947-08-08	Feet below surface:	Not Reported
Feet to sea level:	7.02	Note:	Not Reported
Level reading date:	1947-08-01	Feet below surface:	Not Reported
Feet to sea level:	7.04	Note:	Not Reported
Level reading date:	1947-07-25	Feet below surface:	Not Reported
Feet to sea level:	6.97	Note:	Not Reported

Level reading date:	1947-07-18	Feet below surface:	Not Reported
Feet to sea level:	12.53	Note:	Not Reported
Level reading date:	1947-07-11	Feet below surface:	Not Reported
Feet to sea level:	26.17	Note:	Not Reported
Level reading date:	1947-07-08	Feet below surface:	Not Reported
Feet to sea level:	26.12	Note:	Not Reported
Level reading date:	1947-06-20	Feet below surface:	Not Reported
Feet to sea level:	25.70	Note:	Not Reported
Level reading date:	1947-06-14	Feet below surface:	Not Reported
Feet to sea level:	26.15	Note:	Not Reported
Level reading date:	1947-06-07	Feet below surface:	Not Reported
Feet to sea level:	26.60	Note:	Not Reported
Level reading date:	1947-05-31	Feet below surface:	Not Reported
Feet to sea level:	27.60	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	27.49	Note:	Not Reported
Level reading date:	1947-05-24	Feet below surface:	Not Reported
Feet to sea level:	27.75	Note:	Not Reported
Level reading date:	1947-05-17	Feet below surface:	Not Reported
Feet to sea level:	30.28	Note:	Not Reported
Level reading date:	1947-05-03	Feet below surface:	Not Reported
Feet to sea level:	30.06	Note:	Not Reported

35
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000828591**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 689. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	122	Well Hole Depth Units:	ft

H36
East
1/2 - 1 Mile
Lower

NY WELLS **NYWS006419**

Well ID:	NY7011735	Well Name:	WELL #6,Q306,64.2' (OUI 9-2-81)16"
System ID:	008	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
NY WELLS	**NYWS006420**

H37
East
1/2 - 1 Mile
Lower

Well ID:	NY7011735	Well Name:	WELL #6D,Q1839,79.7'(OUT 10-17-79)
System ID:	011	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

H38
East
1/2 - 1 Mile
Lower

FRDS PWS **NY0011735**

PWS ID:	NY0011735	PWS type:	System Owner/Responsible Party
PWS name:	KOPKE RUSSELL	PWS address:	C/O RUSSELL KOPKE, PRESIDENT
PWS address:	410 LAKEVILLE ROAD	PWS city:	LAKE SUCCESS
PWS state:	NY	PWS zip:	11042
PWS ID:	NY0011735	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00518000	System name:	JAMAICA WATER SUPPLY COMPANY
System address:	Not Reported	System city:	LAKE SUCCESS
System state:	NY	System zip:	11042
County FIPS:	Not Reported	City served:	LAKE SUCCESS
County FIPS:	Not Reported	City served:	FLEMING (T)
Latitude:	404142	Longitude:	0734415
Latitude:	404058	Longitude:	0734506
Latitude:	404314	Longitude:	0734659
Latitude:	404037	Longitude:	0734452
Latitude:	404236	Longitude:	0734556
Latitude:	404136	Longitude:	0734405
Latitude:	404328	Longitude:	0734825
Latitude:	404343	Longitude:	0734827
Latitude:	404323	Longitude:	0734818
Latitude:	404323	Longitude:	0734839
Latitude:	404243	Longitude:	0734407
Latitude:	404225	Longitude:	0734504
Latitude:	404216	Longitude:	0734422
Latitude:	404118	Longitude:	0734526
Latitude:	404121	Longitude:	0734932

Latitude:	404204	Longitude:	0734959
Latitude:	404157	Longitude:	0734523
Latitude:	404334	Longitude:	0734429
Latitude:	404248	Longitude:	0734603
Latitude:	404301	Longitude:	0734632
Latitude:	404044	Longitude:	0734334
Latitude:	404055	Longitude:	0734856
Latitude:	404323	Longitude:	0734554
Latitude:	404206	Longitude:	0734456
Latitude:	404209	Longitude:	0734643
Latitude:	404209	Longitude:	0734643
Latitude:	404159	Longitude:	0734404
Latitude:	404219	Longitude:	0734931
Latitude:	404353	Longitude:	0734446
Latitude:	404052	Longitude:	0734754
Latitude:	404329	Longitude:	0734503
Latitude:	404108	Longitude:	0734806
Latitude:	404302	Longitude:	0734513
Latitude:	404251	Longitude:	0734535
Latitude:	404024	Longitude:	0734840
Latitude:	404054	Longitude:	0734917
Latitude:	404212	Longitude:	0734925
Latitude:	404150	Longitude:	0734720
Latitude:	404138	Longitude:	0734717
Latitude:	404138	Longitude:	0734717
Latitude:	404150	Longitude:	0734720
Latitude:	404253	Longitude:	0734811
Latitude:	404149	Longitude:	0734921
Latitude:	404155	Longitude:	0734936
Latitude:	404204	Longitude:	0734917

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H39
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000828834**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1839. 1	Type:	Well
Description:	OLD: Q 302. 1	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	85
Well Depth Units:	ft	Well Hole Depth:	90
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	1985-05-13
Feet below surface:	Not Reported	Feet to sea level:	9.34
Note:	Not Reported		
Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	10.07	Note:	Not Reported
Level reading date:	1983-03-29	Feet below surface:	Not Reported
Feet to sea level:	5.33	Note:	Not Reported

H40
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000828835**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 572. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	783	Well Hole Depth Units:	ft

H41
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000828814**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 306. 1	Type:	Well
Description:	1801	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	72
Well Depth Units:	ft	Well Hole Depth:	96
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	8	Level reading date:	1985-05-13
Feet below surface:	Not Reported	Feet to sea level:	9.80
Note:	Not Reported		
Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	10.19	Note:	Not Reported
Level reading date:	1983-03-29	Feet below surface:	Not Reported
Feet to sea level:	5.79	Note:	Not Reported
Level reading date:	1979-03-16	Feet below surface:	Not Reported
Feet to sea level:	-1.67	Note:	Not Reported
Level reading date:	1978-03-23	Feet below surface:	Not Reported
Feet to sea level:	5.39	Note:	Not Reported
Level reading date:	1968-01-17	Feet below surface:	Not Reported
Feet to sea level:	2.50	Note:	Not Reported
Level reading date:	1967-12-11	Feet below surface:	Not Reported
Feet to sea level:	2.50	Note:	Not Reported
Level reading date:	1961-12-18	Feet below surface:	Not Reported
Feet to sea level:	9.00	Note:	Not Reported

I42
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828971**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 565. 2	Type:	Well
Description:	1702	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	548
Well Depth Units:	ft	Well Hole Depth:	560
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	12	Level reading date:	1975-01-20
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		
Level reading date:	1974-02-04	Feet below surface:	Not Reported
Feet to sea level:	-19	Note:	Not Reported
Level reading date:	1973-01-10	Feet below surface:	Not Reported
Feet to sea level:	-22	Note:	Not Reported
Level reading date:	1968-01-22	Feet below surface:	Not Reported
Feet to sea level:	-31	Note:	The site had been pumped recently.
Level reading date:	1967-10-19	Feet below surface:	Not Reported
Feet to sea level:	-33.90	Note:	The site had been pumped recently.
Level reading date:	1961-03-31	Feet below surface:	Not Reported
Feet to sea level:	-37.70	Note:	Not Reported

Level reading date:	1952-03-06	Feet below surface:	Not Reported
Feet to sea level:	-42.20	Note:	The site had been pumped recently.
Level reading date:	1948-04-01	Feet below surface:	Not Reported
Feet to sea level:	-23.30	Note:	The site had been pumped recently.
Level reading date:	1947-04-22	Feet below surface:	Not Reported
Feet to sea level:	-17.40	Note:	Not Reported
Level reading date:	1946-06-20	Feet below surface:	Not Reported
Feet to sea level:	-26.00	Note:	Not Reported
Level reading date:	1946-05-16	Feet below surface:	Not Reported
Feet to sea level:	-26.00	Note:	Not Reported
Level reading date:	1946-02-26	Feet below surface:	Not Reported
Feet to sea level:	-19.40	Note:	The site had been pumped recently.

I43
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828954**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 308. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	106
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	7	Level reading date:	1985-05-14
Feet below surface:	Not Reported	Feet to sea level:	6.02
Note:	Not Reported		
Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	4.16	Note:	Not Reported
Level reading date:	1983-03-30	Feet below surface:	Not Reported
Feet to sea level:	3.37	Note:	Not Reported
Level reading date:	1978-03-23	Feet below surface:	Not Reported
Feet to sea level:	16.69	Note:	Not Reported
Level reading date:	1968-01-22	Feet below surface:	Not Reported
Feet to sea level:	-17.60	Note:	The site had been pumped recently.
Level reading date:	1967-10-19	Feet below surface:	Not Reported
Feet to sea level:	-17.60	Note:	The site had been pumped recently.
Level reading date:	1961-12-12	Feet below surface:	Not Reported
Feet to sea level:	-13.60	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

44
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828844**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1811. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	115
Well Depth Units:	ft	Well Hole Depth:	142
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1985-05-14
Feet below surface:	Not Reported	Feet to sea level:	6.21
Note:	Not Reported		

Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	4.91	Note:	Not Reported

J45
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40000828785**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 560. 1	Type:	Well
Description:	1701	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	78
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	9	Level reading date:	1985-05-13
Feet below surface:	Not Reported	Feet to sea level:	9.97
Note:	Not Reported		

Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	10.60	Note:	Not Reported
Level reading date:	1983-03-29	Feet below surface:	Not Reported
Feet to sea level:	6.08	Note:	Not Reported
Level reading date:	1981-04-20	Feet below surface:	Not Reported
Feet to sea level:	13.20	Note:	Not Reported
Level reading date:	1979-03-15	Feet below surface:	Not Reported
Feet to sea level:	22.40	Note:	Not Reported
Level reading date:	1978-03-23	Feet below surface:	Not Reported
Feet to sea level:	3.93	Note:	Not Reported

Level reading date:	1968-01-17	Feet below surface:	Not Reported
Feet to sea level:	-0.20	Note:	Not Reported
Level reading date:	1967-12-11	Feet below surface:	Not Reported
Feet to sea level:	0.30	Note:	Not Reported
Level reading date:	1961-12-18	Feet below surface:	Not Reported
Feet to sea level:	7.20	Note:	Not Reported

I46
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828956**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3069. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	568
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

I47
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828955**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 565. 1	Type:	Well
Description:	1602	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	565
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

I48
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828972**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3069. 2	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	1976	Well Depth:	555
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	22	Level reading date:	2004-03-17
Feet below surface:	Not Reported	Feet to sea level:	9.02
Note:	Not Reported		

Level reading date:	2003-03-19	Feet below surface:	Not Reported
Feet to sea level:	8.40	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	2001-04-05	Feet below surface:	Not Reported
Feet to sea level:	7.32	Note:	Not Reported
Level reading date:	2000-03-13	Feet below surface:	Not Reported
Feet to sea level:	8.52	Note:	Not Reported
Level reading date:	1999-05-06	Feet below surface:	Not Reported
Feet to sea level:	7.46	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	Not Reported
Feet to sea level:	8.54	Note:	Not Reported
Level reading date:	1997-04-23	Feet below surface:	Not Reported
Feet to sea level:	9.32	Note:	Not Reported
Level reading date:	1994-05-04	Feet below surface:	Not Reported
Feet to sea level:	8.44	Note:	Not Reported
Level reading date:	1993-04-06	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1992-03-23	Feet below surface:	Not Reported
Feet to sea level:	8.22	Note:	Not Reported
Level reading date:	1991-04-17	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	Not Reported
Feet to sea level:	7.48	Note:	Not Reported
Level reading date:	1988-12-07	Feet below surface:	Not Reported
Feet to sea level:	3.44	Note:	Not Reported
Level reading date:	1985-01-04	Feet below surface:	Not Reported
Feet to sea level:	-1.92	Note:	Not Reported
Level reading date:	1984-01-11	Feet below surface:	Not Reported
Feet to sea level:	-16.91	Note:	Not Reported
Level reading date:	1983-01-06	Feet below surface:	Not Reported
Feet to sea level:	-23.62	Note:	Not Reported
Level reading date:	1982-01-26	Feet below surface:	Not Reported
Feet to sea level:	-26.36	Note:	The site had been pumped recently.
Level reading date:	1981-01-22	Feet below surface:	Not Reported
Feet to sea level:	-34.21	Note:	The site had been pumped recently.
Level reading date:	1979-01-17	Feet below surface:	Not Reported
Feet to sea level:	-19.80		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	1978-01-25	Feet below surface:	Not Reported
Feet to sea level:	-23.58		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1977-01-25	Feet below surface:	Not Reported
Feet to sea level:	-17.45	Note:	Not Reported

49
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000828618**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 690. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	200	Well Hole Depth Units:	ft

K50
ESE
1/2 - 1 Mile
Lower

NY WELLS **NYWS006424**

Well ID:	NY7011735	Well Name:	WELL #6A,Q560, DEPTH 72.5FT,D=16"
System ID:	009	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

K51
ESE
1/2 - 1 Mile
Lower

NY WELLS **NYWS006425**

Well ID:	NY7011735	Well Name:	WELL #6C,Q562,DEPTH 607.0 FT,D=10
System ID:	010	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

J52
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40000828775**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 562. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	681

Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

L53
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829128**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2006. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1985-05-14
Feet below surface:	Not Reported	Feet to sea level:	5.43
Note:	Not Reported		

Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	3.37		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	1983-03-30	Feet below surface:	Not Reported
Feet to sea level:	-0.35	Note:	Not Reported

M54
South
1/2 - 1 Mile
Lower

NY WELLS **NYWS006443**

Well ID:	NY7011735	Well Name:	WELL #11, Q311, DEPTH 260.8’
System ID:	021	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

I55
West
1/2 - 1 Mile
Higher

NY WELLS **NYWS006409**

Well ID:	NY7011735	Well Name:	WELL #8,Q308, DEPTH 9899’8D=12"
System ID:	001	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J56
ESE **FED USGS** **USGS40000828779**
1/2 - 1 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 562. 2	Type:	Well
Description:	1702	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	19420421	Well Depth:	589
Well Depth Units:	ft	Well Hole Depth:	687
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	44	Level reading date:	2004-03-17
Feet below surface:	Not Reported	Feet to sea level:	8.60
Note:	Not Reported		

Level reading date:	2003-03-19	Feet below surface:	Not Reported
Feet to sea level:	8.20	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	Not Reported
Feet to sea level:	7.49	Note:	Not Reported
Level reading date:	2001-04-05	Feet below surface:	Not Reported
Feet to sea level:	7.26	Note:	Not Reported
Level reading date:	2000-03-13	Feet below surface:	Not Reported
Feet to sea level:	7.83	Note:	Not Reported
Level reading date:	1999-05-06	Feet below surface:	Not Reported
Feet to sea level:	7.58	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1997-04-23	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	1994-04-25	Feet below surface:	Not Reported
Feet to sea level:	7.97	Note:	Not Reported
Level reading date:	1993-04-06	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	1992-03-23	Feet below surface:	Not Reported
Feet to sea level:	7.77	Note:	Not Reported
Level reading date:	1991-04-17	Feet below surface:	Not Reported
Feet to sea level:	8.09	Note:	Not Reported
Level reading date:	1990-04-05	Feet below surface:	Not Reported
Feet to sea level:	7.00	Note:	Not Reported
Level reading date:	1988-12-07	Feet below surface:	Not Reported
Feet to sea level:	2.65	Note:	Not Reported

Level reading date:	1986-02-05	Feet below surface:	Not Reported
Feet to sea level:	-2.28	Note:	Not Reported
Level reading date:	1985-01-03	Feet below surface:	Not Reported
Feet to sea level:	-6.44	Note:	Not Reported
Level reading date:	1984-01-11	Feet below surface:	Not Reported
Feet to sea level:	-23.23	Note:	Not Reported
Level reading date:	1983-01-06	Feet below surface:	Not Reported
Feet to sea level:	-26.17	Note:	Not Reported
Level reading date:	1982-01-26	Feet below surface:	Not Reported
Feet to sea level:	-27.46	Note:	Not Reported
Level reading date:	1981-01-22	Feet below surface:	Not Reported
Feet to sea level:	-28.54	Note:	Not Reported
Level reading date:	1980-01-31	Feet below surface:	Not Reported
Feet to sea level:	-23.43	Note:	Not Reported
Level reading date:	1979-01-17	Feet below surface:	Not Reported
Feet to sea level:	-23.06	Note:	Not Reported
Level reading date:	1978-01-25	Feet below surface:	Not Reported
Feet to sea level:	-18.62	Note:	Not Reported
Level reading date:	1977-01-25	Feet below surface:	Not Reported
Feet to sea level:	-21.77	Note:	Not Reported
Level reading date:	1976-01-20	Feet below surface:	Not Reported
Feet to sea level:	-13.86	Note:	Not Reported
Level reading date:	1975-01-13	Feet below surface:	Not Reported
Feet to sea level:	-7.94	Note:	Not Reported
Level reading date:	1974-01-04	Feet below surface:	Not Reported
Feet to sea level:	-21.94	Note:	Not Reported
Level reading date:	1973-01-10	Feet below surface:	Not Reported
Feet to sea level:	-28.00	Note:	The site had been pumped recently.
Level reading date:	1968-02-26	Feet below surface:	Not Reported
Feet to sea level:	-30.60	Note:	Not Reported
Level reading date:	1968-01-17	Feet below surface:	Not Reported
Feet to sea level:	-56.00	Note:	Not Reported
Level reading date:	1967-09-29	Feet below surface:	Not Reported
Feet to sea level:	-13.90	Note:	Not Reported
Level reading date:	1961-04-18	Feet below surface:	Not Reported
Feet to sea level:	-5.70	Note:	Not Reported
Level reading date:	1953-04-21	Feet below surface:	Not Reported
Feet to sea level:	-6.80	Note:	The site had been pumped recently.
Level reading date:	1948-03-30	Feet below surface:	Not Reported
Feet to sea level:	-21.80	Note:	The site had been pumped recently.
Level reading date:	1947-08-01	Feet below surface:	Not Reported
Feet to sea level:	-65.20	Note:	Not Reported

Level reading date:	1947-07-14	Feet below surface:	Not Reported
Feet to sea level:	-63.40	Note:	The site was being pumped.
Level reading date:	1947-07-03	Feet below surface:	Not Reported
Feet to sea level:	-65.70	Note:	The site was being pumped.
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-63.40	Note:	The site was being pumped.
Level reading date:	1947-06-27	Feet below surface:	Not Reported
Feet to sea level:	-62.90	Note:	The site was being pumped.
Level reading date:	1947-04-02	Feet below surface:	Not Reported
Feet to sea level:	-24.10	Note:	The site had been pumped recently.
Level reading date:	1947-03-20	Feet below surface:	Not Reported
Feet to sea level:	-63.30	Note:	The site was being pumped.
Level reading date:	1946-06-20	Feet below surface:	Not Reported
Feet to sea level:	-21.80	Note:	Not Reported
Level reading date:	1946-05-16	Feet below surface:	Not Reported
Feet to sea level:	-22.90	Note:	Not Reported
Level reading date:	1946-02-26	Feet below surface:	Not Reported
Feet to sea level:	-15.96	Note:	The site had been pumped recently.

M57
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000828527**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 311. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Jameco Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	262
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	8	Level reading date:	1968-01-16
Feet below surface:	Not Reported	Feet to sea level:	-8.30
Note:	The site had been pumped recently.		
Level reading date:	1967-09-05	Feet below surface:	Not Reported
Feet to sea level:	-16.90	Note:	The site had been pumped recently.
Level reading date:	1961-12-15	Feet below surface:	Not Reported
Feet to sea level:	-5.90	Note:	The site had been pumped recently.
Level reading date:	1947-08-01	Feet below surface:	Not Reported
Feet to sea level:	-33.40	Note:	The site was being pumped.
Level reading date:	1947-07-14	Feet below surface:	Not Reported
Feet to sea level:	-28.10	Note:	The site was being pumped.
Level reading date:	1947-07-03	Feet below surface:	Not Reported

Feet to sea level:	-32.20	Note:	The site was being pumped.
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-32.20	Note:	The site was being pumped.
Level reading date:	1947-06-27	Feet below surface:	Not Reported
Feet to sea level:	-28.10	Note:	The site was being pumped.

M58
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000828528**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1449. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	136	Well Hole Depth Units:	ft

M59
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000828529**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3157. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	287	Well Hole Depth Units:	ft

K60
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40000828768**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 561. 1	Type:	Well
Description:	1401	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	92
Well Depth Units:	ft	Well Hole Depth:	93
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	9	Level reading date:	1985-05-13
Feet below surface:	Not Reported	Feet to sea level:	9.72

Note:	Not Reported		
Level reading date:	1984-03-28	Feet below surface:	Not Reported
Feet to sea level:	10.40	Note:	Not Reported
Level reading date:	1983-03-29	Feet below surface:	Not Reported
Feet to sea level:	5.75	Note:	Not Reported
Level reading date:	1981-04-20	Feet below surface:	Not Reported
Feet to sea level:	3.00	Note:	Not Reported
Level reading date:	1979-03-15	Feet below surface:	Not Reported
Feet to sea level:	7.60	Note:	Not Reported
Level reading date:	1978-03-23	Feet below surface:	Not Reported
Feet to sea level:	2.13	Note:	Not Reported
Level reading date:	1968-01-17	Feet below surface:	Not Reported
Feet to sea level:	1.40	Note:	Not Reported
Level reading date:	1967-12-11	Feet below surface:	Not Reported
Feet to sea level:	1.40	Note:	Not Reported
Level reading date:	1961-12-18	Feet below surface:	Not Reported
Feet to sea level:	8.00	Note:	Not Reported

L61
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829138**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1983. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	441	Well Hole Depth Units:	ft

62
West
1/2 - 1 Mile
Higher

NY WELLS **NYWS006421**

Well ID:	NY7011735	Well Name:	WELL #31,Q1811, DEPTH 138.0’ D=18"
System ID:	005	System Name:	NEW YORK CITY - GROUNDWATER SYSTEM
Type:	WL	Status:	A
Agency:	MIELE, SR., JOEL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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95-04 149th Street, Queens, NY 11435
95-04 149th Street
Jamaica, NY 11435

Inquiry Number: 5857935.2s
November 05, 2019

EDR Summary Radius Map Report

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

95-04 149TH STREET
JAMAICA, NY 11435

COORDINATES

Latitude (North):	40.6986330 - 40° 41' 55.07''
Longitude (West):	73.8041120 - 73° 48' 14.80''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	601036.5
UTM Y (Meters):	4505779.5
Elevation:	38 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LOT 1,TAXBLOCK 10001	95-04 149 STREET	NY E DESIGNATION		TP
A2	ABBOTT INDUSTRIES IN	95-04 149TH STREET	NY UST		TP
A3	95-04 149 ST	95-04 149 ST	NY LTANKS		TP
A4	ABBOTT INDUSTRIES IN	9525 149TH ST	PA MANIFEST	Lower	1 ft.
B5	LOT 13,TAXBLOCK 1000	95-12 150 STREET	NY E DESIGNATION	Lower	1 ft.
A6	ABBOTT INDUSTRIES IN	95-25 149TH ST	NY AST	Lower	1 ft.
A7	ABBOTT INDUSTRIES IN	95-25 149TH ST	RCRA-VSQG, US AIRS	Lower	1 ft.
A8	LOT 11,TAXBLOCK 1002	95-11 148 STREET	NY E DESIGNATION	Higher	1 ft.
B9	LOT 10,TAXBLOCK 1000	95-08 150 STREET	NY E DESIGNATION	Lower	1 ft.
B10	CON EDISON	95-08 150TH ST	NY MANIFEST	Lower	1 ft.
B11	CON EDISON	95-08 150TH ST	NJ MANIFEST	Lower	1 ft.
B12	CON EDISON SERVICE B	95-10 150TH ST FRONT	RCRA NonGen / NLR, FINDS	Lower	1 ft.
A13	LOT 1,TAXBLOCK 10002	95-25 149 STREET	NY E DESIGNATION	Lower	1 ft.
B14	CON EDISON	95-10 150TH ST FRONT	NY MANIFEST	Lower	1 ft.
B15	CON EDISON	95-08 150TH ST	RCRA NonGen / NLR	Lower	1 ft.
A16	ABBOTT INDUSTRIES	95-25 149 STREET	NY MANIFEST	Lower	1 ft.
A17	LOT 25,TAXBLOCK 1000	95-37 148 STREET	NY E DESIGNATION	Lower	3, 0.001,
A18	LOT 124,TAXBLOCK 100	95-39 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A19	LOT 40,TAXBLOCK 1000	95-33 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A20	LOT 41,TAXBLOCK 1000	95-31 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A21	LOT 26,TAXBLOCK 1000	95-35 148 STREET	NY E DESIGNATION	Lower	4, 0.001,
A22	LOT 19,TAXBLOCK 1000	95-34 149 STREET	NY E DESIGNATION	Lower	8, 0.002, SE
A23	LOT 29,TAXBLOCK 1000	95-25 148 STREET	NY E DESIGNATION	Lower	8, 0.002, SSW
A24	LOT 27,TAXBLOCK 1000	95-29 148 STREET	NY E DESIGNATION	Lower	10, 0.002, South
B25	LOT 15,TAXBLOCK 1000	95-20 150 STREET	NY E DESIGNATION	Lower	19, 0.004, ENE
A26	LOT 24,TAXBLOCK 1000	95-41 148 STREET	NY E DESIGNATION	Lower	21, 0.004, South
B27	LOT 5,TAXBLOCK 10002	95-02 150 STREET	NY E DESIGNATION	Lower	25, 0.005, NE
A28	NOT FOUND	95TH AVE/149 ST	NY Spills	Lower	32, 0.006, North
A29	LOT 28,TAXBLOCK 1000	95-27 148 STREET	NY E DESIGNATION	Lower	33, 0.006, SSW
A30	SPILL NUMBER 9814213	148TH ST & 95TH AV	NY Spills	Higher	35, 0.007, WNW
A31	SPILL NUMBER 9914434	95TH AVE & 148TH ST	NY Spills	Higher	35, 0.007, WNW
A32	VAULT #6898	148TH ST & 95TH AV	NY Spills	Higher	36, 0.007, WNW
C33	LOT 25,TAXBLOCK 1000	95-40 150 STREET	NY E DESIGNATION	Lower	42, 0.008, East
B34	LOT 24,TAXBLOCK 1000	95-38 150 STREET	NY E DESIGNATION	Lower	44, 0.008, East
B35	LOT 23,TAXBLOCK 1000	95-36 150 STREET	NY E DESIGNATION	Lower	59, 0.011, East
A36	LOT 10,TAXBLOCK 1002	147-44 95 AVENUE	NY E DESIGNATION	Higher	64, 0.012, West
B37	CON EDISON	95-34 150TH ST	NY MANIFEST	Lower	64, 0.012, East
B38	LOT 122,TAXBLOCK 100	95-34 150 STREET	NY E DESIGNATION	Lower	64, 0.012, East
B39	CON EDISON SERVICE B	95-34 150TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	64, 0.012, East

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B40	CON EDISON	95-34 150TH ST	NJ MANIFEST	Lower	64, 0.012, East
B41	CON EDISON	95-34 150TH ST	RCRA NonGen / NLR	Lower	64, 0.012, East
B42	LOT 22,TAXBLOCK 1000	95-32 150 STREET	NY E DESIGNATION	Lower	68, 0.013, East
B43	CON EDISON	95-24 150TH ST FRONT	RCRA NonGen / NLR	Lower	71, 0.013, ENE
B44	LOT 17,TAXBLOCK 1000	95-24 150 STREET	NY E DESIGNATION	Lower	71, 0.013, ENE
B45	CON EDISON	95-24 150TH ST FRONT	NY MANIFEST	Lower	71, 0.013, ENE
D46	DRUM RUN	97TH AVE AND 148TH S	NY Spills	Lower	71, 0.013, South
E47	DRUM RUN	148-01 95TH AVE	NY Spills	Higher	73, 0.014, NW
B48	LOT 21,TAXBLOCK 1000	95-30 150 STREET	NY E DESIGNATION	Lower	73, 0.014, East
A49	LOT 39,TAXBLOCK 1000	95 AVENUE	NY E DESIGNATION	Lower	78, 0.015, NNW
B50	LOT 20,TAXBLOCK 1000	95-28 150 STREET	NY E DESIGNATION	Lower	79, 0.015, East
C51	ABBOTT INDUSTRIES IN	97-02 150TH ST	NY AST	Lower	80, 0.015, ESE
E52	LOT 38,TAXBLOCK 1000	95 AVENUE	NY E DESIGNATION	Lower	85, 0.016, North
C53	LOT 14,TAXBLOCK 1003	149-06 97 AVENUE	NY E DESIGNATION	Lower	85, 0.016, ESE
C54	LOT 13,TAXBLOCK 1003	149-04 97 AVENUE	NY E DESIGNATION	Lower	85, 0.016, SE
D55	DENNIS PRINCE	14812 97TH AVE	NY Spills	Lower	86, 0.016, SSE
D56	DENNIS PRINCE	14812 97TH AVE	NY SPILLS 90	Lower	86, 0.016, SSE
F57	LOT 31,TAXBLOCK 1000	149-01 95 AVENUE	NY E DESIGNATION	Lower	88, 0.017, North
E58	LOT 42,TAXBLOCK 1000	148-07 95 AVENUE	NY E DESIGNATION	Higher	89, 0.017, NNW
C59	LOT 8,TAXBLOCK 10033	148-16 97 AVENUE	NY E DESIGNATION	Lower	95, 0.018, SE
B60	CC PRECISION WELDING	150-09 BEAVER ROAD	NY UST	Lower	95, 0.018, NE
A61	LOT 7,TAXBLOCK 10028	147-40 95 AVENUE	NY E DESIGNATION	Higher	102, 0.019, West
C62	CON EDISON SERVICE B	97-08 150TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	124, 0.023, ESE
B63	LOT 77,TAXBLOCK 1010	150 STREET	NY E DESIGNATION	Lower	132, 0.025, ENE
B64	TIC TAC AUTO INC	150-08 BEAVER ROAD	NY SWF/LF	Lower	134, 0.025, ENE
B65	TIC TAC AUTO INC.	150-08 BEAVER ROAD	NY AST	Lower	134, 0.025, ENE
B66	EASY DOES IT AUTO SA	15008 BEAVER ROAD	NY SWF/LF	Lower	134, 0.025, ENE
B67	QUEENS INDUSTRIAL EL	94-12 150TH STREET	NJ MANIFEST	Lower	155, 0.029, NNE
B68	QUEENS INDUSTRIAL EL	94-12 150TH ST	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Lower	155, 0.029, NNE
E69	LOT 4,TAXBLOCK 10028	147-36 95 AVENUE	NY E DESIGNATION	Higher	156, 0.030, West
B70	LOT 82,TAXBLOCK 1010	150-10 BEAVER ROAD	NY E DESIGNATION	Lower	157, 0.030, ENE
E71	SPILL NUMBER 9902985	148TH ST BET 94TH &	NY Spills	Higher	159, 0.030, NW
E72	BETWEEN 94TH & 95TH	148TH ST BET 94TH &	NY Spills	Higher	159, 0.030, NW
E73	LOT 1,TAXBLOCK 10000	147-16 94 AVENUE	NY E DESIGNATION	Higher	162, 0.031, NW
C74	CON EDISON	F/O 148-95 LIBERTY A	NY MANIFEST	Lower	169, 0.032, ESE
C75	MERIT LIBERTY	148 LIBERTY AVE	NY UST, RCRA NonGen / NLR, US AIRS, FINDS, ECHO,...	Lower	179, 0.034, SE
C76	HESS/MERIT STATION 3	148-27 LIBERTY AVENU	NY LTANKS, NY Spills	Lower	179, 0.034, SE
C77	SPEEDWAY 7826	14827 LIBERTY AVE	RCRA-VSQG, FINDS, ECHO	Lower	179, 0.034, SE
C78	HESS STATION	148-27 LIBERTY AV	NY Spills	Lower	179, 0.034, SE

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B79	LOT 84,TAXBLOCK 1010	150-14 BEAVER ROAD	NY E DESIGNATION	Lower	182, 0.034, ENE
C80	LIBERTY AUTO PARTS I	97-09 150TH STREET	NY SWF/LF	Lower	183, 0.035, ESE
C81	LOT 71,TAXBLOCK 1010	95-35 150 STREET	NY E DESIGNATION	Lower	185, 0.035, East
B82	LOT 73,TAXBLOCK 1010	95-33 150 STREET	NY E DESIGNATION	Lower	195, 0.037, East
E83	LOT 2,TAXBLOCK 10028	147-30 95 AVENUE	NY E DESIGNATION	Higher	195, 0.037, West
G84	LOT 34,TAXBLOCK 1002	95-19 147 PLACE	NY E DESIGNATION	Higher	203, 0.038, WSW
D85	LOT 32,TAXBLOCK 1002	95-23 147 PLACE	NY E DESIGNATION	Higher	203, 0.038, SW
C86	MC MANUS BROS SERVIC	150-05 LIBERTY AVE	EDR Hist Auto	Lower	204, 0.039, ESE
D87	LOT 31,TAXBLOCK 1002	95-25 147 PLACE	NY E DESIGNATION	Higher	206, 0.039, SW
B88	LOT 167,TAXBLOCK 101	150 STREET	NY E DESIGNATION	Lower	207, 0.039, ENE
B89	LOT 86,TAXBLOCK 1010	150-20 BEAVER ROAD	NY E DESIGNATION	Lower	211, 0.040, NE
E90	LOT 5,TAXBLOCK 10000	148-12 95 AVENUE	NY E DESIGNATION	Higher	211, 0.040, NNW
H91	LUCKY AUTO BODY	148-21 LIBERTY AVE	NY Spills	Lower	212, 0.040, SE
F92	550 UST	94-12 150TH STREET	NY Spills	Lower	228, 0.043, NNE
I93	GREEN ENERGY RECYCLI	94-15 150TH ST	RCRA NonGen / NLR	Lower	231, 0.044, NNE
H94	GLOBE PLATING CO INC	148-19 LIBERTY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	231, 0.044, SSE
H95	148-19 LIBERTY AVENU	148-19 LIBERTY AVENU	NY UST	Lower	231, 0.044, SSE
G96	ATLAS TRANSIT MIX	95-11 147 PL	NY CBS, NY CBS AST	Higher	234, 0.044, West
G97	LOT 1,TAXBLOCK 10028	95-11 147 PLACE	NY E DESIGNATION	Higher	234, 0.044, West
G98	ATLAS CONCRETE	95-11 147TH PLACE	NY LTANKS, NY UST, NY AST	Higher	234, 0.044, West
C99	FULL SERVICE AUTO RE	150-18-30 LIBERTY AV	NY AST	Lower	237, 0.045, ESE
C100	CON EDISON MANHOLE:	LIBERTY AVE & 150TH	RCRA NonGen / NLR, FINDS	Lower	237, 0.045, ESE
F101	LIBERTY ASHES INC	94-02 150TH STREET	NY AST	Higher	243, 0.046, NNE
C102	EAST COAST AUTO SALV	150-05 LIBERTY AVE	NY Spills	Lower	245, 0.046, ESE
D103	LOT 13,TAXBLOCK 1003	97-18 148 STREET	NY E DESIGNATION	Higher	261, 0.049, South
D104	LOT 15,TAXBLOCK 1003	148 STREET	NY E DESIGNATION	Higher	284, 0.054, South
I105	REAR OF PROPERTY - D	150-24 BEAVER RD/TUC	NY Spills	Lower	295, 0.056, NE
I106	QUEENS ENFORCEMENT (	150-24 BEAVER ROAD	NY UST, NY AST	Lower	295, 0.056, NE
I107	DRUM RUN	150-24 BEAVER RD	NY Spills	Lower	295, 0.056, NE
H108	MERIT SERVICE STATIO	148 LIBERTY AVE	NY LTANKS	Lower	298, 0.056, SE
G109	95-04 SUTPHIN BLV/QU	95-04 SUTPHIN BLVD	NY Spills	Higher	308, 0.058, West
G110	LOT 8,TAXBLOCK 10027	147-18 95 AVENUE	NY E DESIGNATION	Higher	309, 0.059, West
I111	LOT 43,TAXBLOCK 1009	94-01 150 STREET	NY E DESIGNATION	Higher	309, 0.059, NNE
I112	CONTEMP PROCESSING I	94-01 150TH ST	NY LTANKS, NY UST, NY Spills	Higher	309, 0.059, NNE
J113	CON EDISON	150-19 LIBERTY AVE F	NY MANIFEST	Lower	310, 0.059, East
J114	JAMAICA RADIATOR	15019 LIBERTY AVE	EDR Hist Auto	Lower	310, 0.059, East
J115	CON EDISON	150-19 LIBERTY AVE F	RCRA NonGen / NLR	Lower	310, 0.059, East
G116	MAX'S LUNCHEONETTE	SPUTPHIN BLVD & 95TH	NY LTANKS	Higher	311, 0.059, West
D117	97-13 147TH PL/QUEEN	97-13 147TH PLACE	NY Spills	Higher	320, 0.061, SSW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K118	CON ED	104-03 150TH AVE	NY MANIFEST	Lower	330, 0.062, ESE
K119	CON EDISON	104-03 150TH AVE	NJ MANIFEST	Lower	330, 0.062, ESE
K120	CON EDISON	104-03 150TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	330, 0.062, ESE
E121	LOT 16,TAXBLOCK 9998	94 AVENUE	NY E DESIGNATION	Higher	331, 0.063, NW
I122	CONSOLIDATED EDISON	94TH AVENUE & 150TH	NY MANIFEST	Higher	333, 0.063, NNE
D123	147-16 97TH AVENUE	147-16 97TH AVENUE	NY VCP	Higher	335, 0.063, SSW
D124	LOT 7,TAXBLOCK 10031	147-16 97 AVENUE	NY E DESIGNATION	Higher	335, 0.063, SSW
G125	LOT 11,TAXBLOCK 1002	95-10 147 PLACE	NY E DESIGNATION	Higher	336, 0.064, WSW
G126	LOT 10,TAXBLOCK 1002	95-08 147 PLACE	NY E DESIGNATION	Higher	336, 0.064, WSW
F127	148-39 94TH AVENUE	148-39 94TH AVENUE	NY VCP	Higher	339, 0.064, North
H128	NEW YORK CITY AUTO S	148-36 LIBERTY AVE	NY SWF/LF, NY SPDES	Lower	342, 0.065, SE
H129	NEW YORK CITY AUTO S	148-36 LIBERTY AVENU	NY AST	Lower	342, 0.065, SE
L130	CLOSED-LACKOF RECENT	148-19 LIBERTY AVENU	NY LTANKS	Higher	347, 0.066, South
L131	LOT 18,TAXBLOCK 1003	147-25 LIBERTY AVENU	NY E DESIGNATION	Higher	348, 0.066, South
M132	LOT 22,TAXBLOCK 9998	94 AVENUE	NY E DESIGNATION	Higher	348, 0.066, NW
I133	LOT 1,TAXBLOCK 9998	94 AVENUE	NY E DESIGNATION	Higher	349, 0.066, North
M134	LOT 19,TAXBLOCK 9998	147-43 94 AVENUE	NY E DESIGNATION	Higher	357, 0.068, NW
N135	LOT 2,TAXBLOCK 9998	148-23 94 AVENUE	NY E DESIGNATION	Higher	357, 0.068, NNW
N136	148-23 94TH AVE	148-23 94TH AVE	NY Spills	Higher	357, 0.068, NNW
N137	SANFORD EQUITY	148-23 94 AVE	NY UST	Higher	357, 0.068, NNW
N138	SANFORD EQUITIES	148-23 94TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	357, 0.068, NNW
G139	LOT 5,TAXBLOCK 10027	147-12 95 AVENUE	NY E DESIGNATION	Higher	359, 0.068, West
M140	94TH AVENUE JAMAICA,	147-20 94TH AVE	NY UST	Higher	361, 0.068, WNW
M141	JAMAICA 94TH AVENUE	147-20 94TH AVE	NY MANIFEST	Higher	361, 0.068, WNW
M142	JAMAICA 94TH AVENUE	147-20 94TH AVE	RCRA NonGen / NLR	Higher	361, 0.068, WNW
M143	JAMAICA 94TH AVENUE	147-20 94TH AVENUE	NY BROWNFIELDS	Higher	361, 0.068, WNW
M144	LOT 9,TAXBLOCK 9999	147-20 94 AVENUE	NY E DESIGNATION	Higher	361, 0.068, WNW
J145	WELBILT TRANSMISSION	150-14 LIBERTY AVENU	NY AST	Lower	367, 0.070, ESE
J146	WELBUILT TRANSMISSIO	150-14 LIBERTY AVE	EDR Hist Auto	Lower	367, 0.070, ESE
J147	BELL ATLANTIC	95-40 TUCKERTON ST	NY Spills	Lower	374, 0.071, ENE
M148	147-25 94TH AVENUE	147-25 94TH AVENUE	NY BROWNFIELDS	Higher	378, 0.072, NW
L149	AUTOTECH AUTO BODY R	147-21 LIBERTY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	378, 0.072, South
I150	LOT 32,TAXBLOCK 1009	150-05 94 AVENUE	NY E DESIGNATION	Lower	390, 0.074, NE
O151	LOT 130,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	397, 0.075, ENE
H152	MEC-TEC AUTOMOTIVE I	148-20 LIBERTY AVENU	NY AST	Lower	397, 0.075, SSE
H153	MEC-TEC AUTOMOTIVE,	148-20 LIBERTY AVENU	NY CBS	Lower	397, 0.075, SSE
L154	NYNEX	148TH ST /LIBERTY AV	NY MANIFEST	Lower	399, 0.076, SSE
J155	J&J AUTO WRECKERS IN	150-35 LIBERTY AVENU	NY AST	Lower	410, 0.078, East
J156	LOT 142,TAXBLOCK 101	150-35 LIBERTY AVENU	NY E DESIGNATION	Lower	410, 0.078, East

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J157	J & J AUTO WRECKERS,	150-35 LIBERTY AVE	NY SWF/LF, NY CBS, NY SPDES	Lower	410, 0.078, East
P158	LOT 3,TAXBLOCK 10027	95 AVENUE	NY E DESIGNATION	Higher	419, 0.079, West
O159	EAST COAST AUTO SALV	95-50 TUCKERTON STRE	NY UST	Lower	420, 0.080, ENE
K160	MAN HOLE # 3057	104-14 150TH ST	NY Spills	Lower	434, 0.082, SE
J161	LOT 138,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	435, 0.082, East
O162	BELL ATLANTIC	95-40 TUCKERTON STRE	NY UST	Lower	436, 0.083, ENE
O163	PHONE CO. GARAGE	9540 TUCKERTON ST	NY Spills	Lower	436, 0.083, ENE
O164	NEW YORK TELEPHONE C	95-40 TUCKERTON ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	436, 0.083, ENE
O165	BELL ATLANTIC	95-40 TUCKERTON STRE	NY AST	Lower	436, 0.083, ENE
O166	9540 TUCKERTON ST/QU	9540 TUCKERTON STREE	NY LTANKS	Lower	436, 0.083, ENE
O167	DRUM RUN	95-40 TUCKERTON ST	NY Spills	Lower	436, 0.083, ENE
O168	95-40 TUCKERTON STRE	95-40 TUCKERTON STRE	NY LTANKS, NY Spills	Lower	436, 0.083, ENE
K169	CINELLY	150-11 GINSBERG RD	NY Spills	Lower	438, 0.083, ESE
L170	LOT 22,TAXBLOCK 1003	147-17 LIBERTY AVENU	NY E DESIGNATION	Higher	439, 0.083, South
G171	95-21 SUTPHIN BLVD	95-21 SUTPHIN BLVD	NY LTANKS	Higher	444, 0.084, WSW
G172	HWC DRY/C&G CLEANERS	95-19 SUTPHIN BLVD.	NY DRYCLEANERS	Higher	444, 0.084, WSW
G173	HWC DRY CLEANERS	95-19 SUTPHIN BLVD	RCRA NonGen / NLR, ICIS, US AIRS, NY MANIFEST	Higher	444, 0.084, WSW
G174	BURRELL CLEANERS	9519 SUTPHIN BLV	EDR Hist Cleaner	Higher	444, 0.084, WSW
G175	LOT 36,TAXBLOCK 1002	95-07 SUTPHIN BOULEV	NY E DESIGNATION	Higher	444, 0.084, WSW
M176	LOT 25,TAXBLOCK 9998	147-07 94 AVENUE	NY E DESIGNATION	Higher	444, 0.084, WNW
M177	WORLD-WIDE FOOD PROD	147-07 94TH AVENUE	NY AST	Higher	444, 0.084, WNW
Q178	95-35 SO. SUTPHIN BL	95-35 SO. SUTPHIN BL	NY Spills	Higher	453, 0.086, SW
L179	LOT 12,TAXBLOCK 1003	97-15 SUTPHIN BOULEV	NY E DESIGNATION	Higher	457, 0.087, SSW
L180	A1 AUTO PARTS INC	97-15 SUTPHIN BLVD	NY SWF/LF	Higher	457, 0.087, SSW
Q181	95-39 SUTPHIN BLVD	95-39 SUTPHIN BLVD	NY Spills	Higher	463, 0.088, SW
Q182	LOT 2,TAXBLOCK 10031	97-01 SUTPHIN BOULEV	NY E DESIGNATION	Higher	472, 0.089, SW
K183	LOT 32,TAXBLOCK 1006	104-18 150 STREET	NY E DESIGNATION	Lower	475, 0.090, SE
O184	LOT 107,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	475, 0.090, NE
L185	LOT 10,TAXBLOCK 1003	97-11 SUTPHIN BOULEV	NY E DESIGNATION	Higher	475, 0.090, SSW
L186	97-11 SUTPHIN BOULEV	97-11 SUTPHIN BOULEV	NY VCP	Higher	475, 0.090, SSW
P187	WAREHOUSE	94-01 SUTPHIN BLVD	NY AST	Higher	479, 0.091, West
P188	LOT 1,TAXBLOCK 9999	94-01 SUTPHIN BOULEV	NY E DESIGNATION	Higher	479, 0.091, West
R189	CITY TRANSIT MIX INC	104-05 148TH STREET	NY AST	Lower	479, 0.091, SSE
R190	CITY TRANSIT MIX INC	104-05 148TH STREET	NY UST	Lower	479, 0.091, SSE
L191	CON EDISON SERVICE B	97-26 147TH PL	RCRA NonGen / NLR, FINDS	Higher	485, 0.092, SSW
L192	CON EDISON	97-26 147TH PL	NY MANIFEST	Higher	485, 0.092, SSW
P193	JFK CENTER ASSOCIATE	94-19 SUTPHIN BLVD	RCRA-LQG	Higher	488, 0.092, West
P194	JFK CENTER	94-19 SUTPHIN BOULVE	NY AST	Higher	488, 0.092, West
K195	LOT 33,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	490, 0.093, SE

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
S196	CON EDISON	FO 151-03 94 AVE	NY MANIFEST	Higher	500, 0.095, NNE
K197	LOT 34,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	512, 0.097, SE
R198	CON ED	104-15 148TH ST	NY MANIFEST	Lower	514, 0.097, SSE
R199	CON EDISON	104-15 148TH ST	NJ MANIFEST	Lower	514, 0.097, SSE
R200	CON EDISON	104-15 148TH ST	RCRA NonGen / NLR	Lower	514, 0.097, SSE
L201	LOT 17,TAXBLOCK 1003	97-31 147 PLACE	NY E DESIGNATION	Higher	516, 0.098, SSW
O202	COMMERCIAL LOT	95-65 TUCKERTON ST	NY SPILLS 90	Lower	516, 0.098, East
S203	H.COLES CONSTRUCTION	95-34 157 STREET	NY SWF/LF	Lower	517, 0.098, NE
S204	HOWARD BEACH UNIT SU	157TH AV & 94TH ST	NY Spills	Higher	529, 0.100, NE
J205	NYNEX	LIBERTY AVE & TUCKER	NY MANIFEST	Lower	532, 0.101, East
K206	CITY MASON DIVISION	105 AVE. & 150TH STR	NY SWF/LF	Lower	535, 0.101, SE
K207	SPILL NUMBER 0208998	150TH ST/105TH AV	NY Spills	Lower	536, 0.102, SE
Q208	CON EDISON	SUTPHON BLVD & 97 AV	NY MANIFEST	Higher	542, 0.103, SW
O209	LOT 319,TAXBLOCK 101	TUCKERTON STREET	NY E DESIGNATION	Lower	545, 0.103, East
R210	LOT 35,TAXBLOCK 1006	105 AVENUE	NY E DESIGNATION	Lower	551, 0.104, SE
R211	LOT 36,TAXBLOCK 1006	105 AVENUE	NY E DESIGNATION	Lower	557, 0.105, SE
O212	IFO JUNK YARD	95-41 TUCKERTON STRE	NY Spills	Lower	568, 0.108, ENE
O213	NYC DEP	95-41 TUCKERTON ST	RCRA NonGen / NLR, NY MANIFEST	Lower	568, 0.108, ENE
T214	CON EDISON	147-05 94TH AVE	NY MANIFEST	Higher	572, 0.108, WNW
T215	CON EDISON	147-05 94TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	572, 0.108, WNW
T216	LOT 42,TAXBLOCK 9998	147-05 94 AVENUE	NY E DESIGNATION	Higher	572, 0.108, WNW
T217	93-43 SUTPHIN BLVD	93-43 SUTPHIN BLVD	NY VCP	Higher	572, 0.108, WNW
T218	LOT 43,TAXBLOCK 9998	93-43 SUTPHIN BOULEV	NY E DESIGNATION	Higher	572, 0.108, WNW
P219	LOT 14,TAXBLOCK 1002	95-26 SUTPHIN BOULEV	NY E DESIGNATION	Higher	575, 0.109, WSW
P220	LOT 12,TAXBLOCK 1002	95-14 SUTPHIN BOULEV	NY E DESIGNATION	Higher	576, 0.109, WSW
P221	LOT 27,TAXBLOCK 9993	94-20 SUTPHIN BOULEV	NY E DESIGNATION	Higher	580, 0.110, West
U222	COMMERCIAL LOT	95-65 TUCKERTON ST	NY Spills	Lower	582, 0.110, East
Q223	LOT 23,TAXBLOCK 1002	95-38 SUTPHIN BOULEV	NY E DESIGNATION	Higher	582, 0.110, SW
V224	DRUM RUN	TUCKERTON STREET AND	NY Spills	Lower	584, 0.111, NE
V225	DRUM RUN	157TH ST AND TUCKERT	NY Spills	Lower	584, 0.111, NE
O226	A & J SCRAP METAL PR	95-49 TUCKERTON STRE	NY SWF/LF	Lower	584, 0.111, ENE
O227	AJ SCRAP METAL	9549 TUCKERTON STREE	NY Spills	Lower	584, 0.111, ENE
O228	LIBERTY SCRAP METAL	95-49 TUCKERTON STRE	NY AST	Lower	584, 0.111, ENE
O229	JUNKYARD	95-49 TUCKERTON ST	NY Spills	Lower	584, 0.111, ENE
O230	PAVEMENT / STREET	95-49 TUCKERTON ST	NY Spills	Lower	584, 0.111, ENE
P231	LOT 25,TAXBLOCK 9993	94-18 SUTPHIN BOULEV	NY E DESIGNATION	Higher	585, 0.111, West
Q232	97-18 SUTPHIN BLVD	97-18 SUTPHIN BLVD	NY VCP	Higher	586, 0.111, SW
Q233	BP JAMAICA	97-44 SUTPHIN BOULEV	NY UST, NY Spills	Higher	588, 0.111, SSW
Q234	BP JAMAICA	97-44 SUTPHIN BOULEV	NY AST	Higher	588, 0.111, SSW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q235	LIBERTY SUTPHIN SERV	97-44 SUTPHIN AVE	EDR Hist Auto	Higher	588, 0.111, SSW
P236	LOT 24,TAXBLOCK 9993	94-16 SUTPHIN BOULEV	NY E DESIGNATION	Higher	591, 0.112, West
L237	JAMAICA RECYCLING ME	147-20 LIBERTY AVENU	NY SWRCY	Higher	592, 0.112, South
W238	LOT 22,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	593, 0.112, SE
P239	LOT 6,TAXBLOCK 10026	95-02 SUTPHIN BOULEV	NY E DESIGNATION	Higher	593, 0.112, WSW
T240	LOT 47,TAXBLOCK 9998	93-45 SUTPHIN BOULEV	NY E DESIGNATION	Higher	597, 0.113, WNW
P241	LOT 23,TAXBLOCK 9993	94-14 SUTPHIN BOULEV	NY E DESIGNATION	Higher	597, 0.113, West
T242	LIRR JOHNSON AVE YAR	94TH ST & SUTPHIN BL	NY Spills	Higher	601, 0.114, West
X243	CITY TRANSIT MIX INC	147-16 LIBERTY AVE	NY LTANKS, NY SPDES	Higher	602, 0.114, South
P244	LOT 22,TAXBLOCK 9993	94-12 SUTPHIN BOULEV	NY E DESIGNATION	Higher	604, 0.114, West
P245	CON EDISON SERVICE B	94-12 SUTPHIN BLVD F	RCRA NonGen / NLR, NY MANIFEST	Higher	604, 0.114, West
T246	MTA LIRR - SUTPHIN B	SUTPHIN BLVD & 94TH	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	606, 0.115, West
T247	MTA LIRR - SUTPHIN B	SUTPHIN BLVD & 94TH	NJ MANIFEST	Higher	606, 0.115, West
T248	CON EDISON	SUTPHIN BLVD & 94TH	NY MANIFEST	Higher	606, 0.115, West
X249	CONCEPT AUTO REPAIRS	147-12 LIBERTY AVENU	NY AST	Higher	612, 0.116, South
P250	LOT 20,TAXBLOCK 9993	94-06 SUTPHIN BOULEV	NY E DESIGNATION	Higher	617, 0.117, West
R251	CON ED	104-04 148TH ST	NY MANIFEST	Lower	619, 0.117, SSE
O252	NYNEX	95-40 157TH ST	NY Spills	Lower	626, 0.119, ENE
W253	LOT 23,TAXBLOCK 1006	150 STREET	NY E DESIGNATION	Lower	633, 0.120, SE
U254	SERVICE BOX #38864	IFO 155-11 LIBERTY A	NY Spills	Lower	637, 0.121, East
U255	LIBERTY SCRAP INC	155-11 LIBERTY AVE	NY Spills	Lower	637, 0.121, East
U256	LSM AUTO PARTS	155-11 LIBERTY AVE	NY Spills	Lower	637, 0.121, East
U257	LOT 314,TAXBLOCK 101	155-11 LIBERTY AVENU	NY E DESIGNATION	Lower	637, 0.121, East
U258	IN ROAD	155- 11 LIBERTY AVE	NY Spills	Lower	637, 0.121, East
T259	LOT 18,TAXBLOCK 9993	94-02 SUTPHIN BOULEV	NY E DESIGNATION	Higher	654, 0.124, West
Y260	LOT 127,TAXBLOCK 999	93-08 150 STREET	NY E DESIGNATION	Higher	658, 0.125, North
S261	GREENPEACE KLEEN INC	157-12 BEAVER RD	RCRA NonGen / NLR	Lower	659, 0.125, NE
T262	TRI-BRO AUTO SVC INC	93-50 SUTPHIN BOULEV	NY LTANKS, NY UST	Higher	665, 0.126, WNW
T263	TRIBRO AUTO SERVICE	93-50 SUTPHIN BLVD	RCRA NonGen / NLR, ICIS, FINDS, ECHO, NY MANIFEST	Higher	665, 0.126, WNW
Z264	BAM MOBILE TRUCK & A	97-16 SUTPHIN BOULEV	NY AST	Higher	673, 0.127, SW
T265	LIRR	MORRIS PARK STORAGE	NY LTANKS	Higher	674, 0.128, WNW
T266	AIR TRAIN STATION -	93-40 SUTPHINE BLVD	RCRA-VSQG, NY MANIFEST	Higher	684, 0.130, WNW
Z267	TRI-US AUTO RADIATOR	97-20 SUTPHIN BLVD	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	693, 0.131, SSW
AA268	145-07 95TH AVENUE	145-07 95TH AVENUE	NY VCP	Higher	693, 0.131, West
Y269	148-12 ARCHER AVENUE	148-22 ARCHER AVENUE	NY VCP	Higher	698, 0.132, NNW
Y270	CON EDISON	148-22 ARCHER AVE	NY MANIFEST	Higher	698, 0.132, NNW
U271	A-200 AUTO PARTS - A	155-17 LIBERTY AVE	NY AST	Lower	702, 0.133, East
U272	A 2000 AUTO PARTS 7	155-17 LIBERTY AVE	NY SWF/LF	Lower	702, 0.133, East
Y273	ALLIED MOTOR SALES I	93-04 150TH ST	RCRA NonGen / NLR	Higher	706, 0.134, North

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U274	DO-RITE SALVAGE CORP	155-19 LIBERTY AVENU	NY UST	Lower	707, 0.134, East
U275	DO-RITE SALVAGE CORP	155-19 LIBERTY AVE	NY SWF/LF	Lower	707, 0.134, East
Y276	ARCHER AUTO SERVICE,	14910 ARCHER AVENUE	NY AST	Higher	711, 0.135, North
Y277	CON EDISON	93-02 150TH ST	NJ MANIFEST	Higher	715, 0.135, North
Y278	CON EDISON	93-02 150TH ST	NY MANIFEST	Higher	715, 0.135, North
Y279	CON EDISON	93-02 150TH ST	RCRA NonGen / NLR	Higher	715, 0.135, North
Y280	93-02 150TH ST.	93-02 150 ST	NY UST	Higher	715, 0.135, North
Y281	ALL STARS AUTO REPAI	14916 ARCHER AVENUE	NY AST	Higher	727, 0.138, North
AB282	MST AUTO BODY & REPA	148-12 ARCHER AVENUE	NY AST	Higher	730, 0.138, NNW
W283	AMERICAN TORAVE INC.	105-22 150TH STREET	NY AST	Lower	757, 0.143, SE
AC284	JAMAICA GAS & LIGHT	BEAVER RD., & 158TH	NY VCP	Higher	779, 0.148, NE
AC285	K - JAMAICA GAS AND	BEAVER RD., & 158TH	NY SHWS	Higher	779, 0.148, NE
AC286	K - JAMAICA GAS & LI	BEAVER RD., & 158TH	NY BROWNFIELDS	Higher	779, 0.148, NE
AA287	CON EDISON	144-99 95TH AVE	NJ MANIFEST	Higher	782, 0.148, WSW
AA288	CON EDISON	144-99 95TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	782, 0.148, WSW
AA289	CON EDISON	144-99 95TH AVE	NY MANIFEST	Higher	782, 0.148, WSW
Y290	CON EDISON	150TH ST & ARCHER AV	RCRA NonGen / NLR	Higher	783, 0.148, North
Y291	CON EDISON	150TH ST & ARCHER AV	NY MANIFEST	Higher	783, 0.148, North
Y292	CON EDISON SERVICE B	150TH ST & ARCHER AV	RCRA NonGen / NLR, FINDS, ECHO	Higher	783, 0.148, North
Y293	CON EDISON	150TH ST & ARCHER AV	NJ MANIFEST	Higher	783, 0.148, North
W294	BIG G AUTO, INC.	105-23 150TH STREET	NY AST	Lower	789, 0.149, SE
AB295	CON EDISON	147-28 ARCHER AVE	NY MANIFEST	Higher	790, 0.150, NW
U296	SAFEGUARD LIBERTY LL	156-01 LIBERTY AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	796, 0.151, East
AD297	THE CROSSING AT JAMA	147-22 ARCHER AVE	RCRA-LQG	Higher	800, 0.152, NW
AD298	THE CROSSING AT JAMA	147-22 ARCHER AVE	NY MANIFEST	Higher	800, 0.152, NW
AD299	CJ PLAZA ONE LLC	147-22 ARCHER AVE	PA MANIFEST	Higher	800, 0.152, NW
AD300	147-22 ARCHER AVENUE	147-22 ARCHER AVENUE	NY VCP	Higher	800, 0.152, NW
AD301	THE CROSSING AT JAMA	147-22 ARCHER AVENUE	NY UST	Higher	800, 0.152, NW
Y302	LIRR BRIDGE 06-0-095	ABOVE 150TH ST BETWE	RCRA-SQG, NY MANIFEST	Higher	809, 0.153, North
AA303	CON EDISON	144-06 94TH AVE	NY MANIFEST	Higher	833, 0.158, West
AA304	CON EDISON	144-06 94TH AVE	RCRA NonGen / NLR	Higher	833, 0.158, West
AD305	CON EDISON - SERVICE	147-12 ARCHER AVE. A	RCRA-LQG	Higher	849, 0.161, NW
AD306	CON EDISON	147-12 ARCHER AVE &	NY MANIFEST	Higher	849, 0.161, NW
AE307	CON EDISON	151-61 N ARCHER AVE	NY MANIFEST	Higher	849, 0.161, North
AE308	CON EDISON	151-61 N ARCHER AVE	NJ MANIFEST	Higher	849, 0.161, North
AE309	CON EDISON	151-61 N ARCHER AVE	RCRA NonGen / NLR	Higher	849, 0.161, North
AF310	CON EDISON MANHOLE:	SUTPHIN BLVD & 105TH	RCRA NonGen / NLR, FINDS	Lower	854, 0.162, South
AF311	CON EDISON	SUTPHIN BLVD & 105TH	NY MANIFEST	Lower	854, 0.162, South
AG312	TUSCAN DAIRY GARAGE	155-25 STYLER RD	RCRA NonGen / NLR	Lower	857, 0.162, ESE

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AG313	HONEYWELL FARMS	155-25 STYLER ROAD	NY LTANKS, NY UST, NY CBS, NY Spills	Lower	857, 0.162, ESE
AG314	HONEYWELL FARMS	155-25 STYLER ROAD	NY AST	Lower	857, 0.162, ESE
AB315	SALVATION ARMY STORE	148-15 ARCHER AVE	NY AST	Higher	860, 0.163, NNW
AB316	EBY ELECTRO INC	148-05 ARCHER AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	867, 0.164, NNW
AD317	CHEMICAL BANK	93-01 SUTPHIN BLVD	NY AST	Higher	876, 0.166, NW
AH318	ALMEIDA CONCRETE	105-24 148 STREET	NY AST	Lower	878, 0.166, SSE
Y319	CON EDISON	92-12 150TH ST FRONT	NY MANIFEST	Higher	880, 0.167, North
Y320	CON EDISON SERVICE B	92-12 150TH ST FRONT	RCRA NonGen / NLR, FINDS	Higher	880, 0.167, North
AD321	MOTOR TECH	147-23 ARCHER AVE	NY UST, RCRA NonGen / NLR, FINDS, ECHO	Higher	903, 0.171, NW
AG322	HONEYWELL FARMS,INC.	155-25 STYLER ROAD	NY CBS AST	Lower	903, 0.171, ESE
AI323	CON EDISON	93-10 SUTPHIN BLVD	RCRA NonGen / NLR	Higher	908, 0.172, WNW
AI324	CON EDISON	93-10 SUTPHIN BLVD	NJ MANIFEST	Higher	908, 0.172, WNW
AI325	CON EDISON	93-10 SUTPHIN BLVD	NY MANIFEST	Higher	908, 0.172, WNW
AI326	LIRR - JAMAICA STATI	93-02 SUTPHIN BOULEV	NY TANKS, NY Spills	Higher	916, 0.173, WNW
AI327	LIRR JAMAICA STATION	9302 SUTPHIN BOULEVA	RCRA-LQG, NJ MANIFEST, NY MANIFEST	Higher	916, 0.173, WNW
AB328	92-18 149TH ST.	92-18 149TH ST.	NY UST	Higher	917, 0.174, NNW
AC329	JAMAICA GAS AND LIGH	BEAVER RD., AND 158T	EDR MGP	Higher	925, 0.175, NE
330	CON EDISON	STYLER RD & TUCKERTO	NY MANIFEST	Lower	932, 0.177, SE
AJ331	EWG GLASS RECOVERY A	94-54 158TH STREET	NY SWRCY	Lower	932, 0.177, ENE
AH332	CON EDISON	106-04 150 ST	NY MANIFEST	Lower	958, 0.181, SE
AH333	CON EDISON - SERVICE	106-04 150 ST	RCRA-LQG	Lower	958, 0.181, SE
AF334	V-M AUTO COLLISION W	105-06 SUTPHIN BLVD	RCRA NonGen / NLR, NY MANIFEST	Higher	965, 0.183, South
AF335	T & H GARAGE	105-20 SUTPHIN BLVD.	NY AST	Higher	982, 0.186, South
AK336	CON EDISON	149-02 JAMAICA AVE	NY MANIFEST	Higher	992, 0.188, NNW
AK337	CON EDISON SERVICE B	149-02 JAMAICA AVE	RCRA NonGen / NLR, FINDS	Higher	992, 0.188, NNW
AD338	E & M AUTO BODY	92-21 147TH PL	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	993, 0.188, NW
AD339	CON EDISON	92-19 147 PL	NY MANIFEST	Higher	996, 0.189, NW
AL340	CON ED	144-27 94TH AVE	NY MANIFEST	Higher	997, 0.189, West
AL341	CON EDISON	144-27 94TH AVE	NJ MANIFEST	Higher	997, 0.189, West
AL342	AIR TRAIN - PARKING	144-27 94TH AVENUE	NY AST	Higher	997, 0.189, West
AL343	CON EDISON	144-27 94TH AVE	RCRA NonGen / NLR	Higher	997, 0.189, West
AE344	RESIDENCE	8808 151ST AVE	NY LTANKS	Higher	998, 0.189, North
AL345	144-02 94TH AVENUE	144-02 94TH AVENUE	NY VCP	Higher	1000, 0.189, West
AG346	CON EDISON	105-24 156 ST FRNT	NY MANIFEST	Lower	1001, 0.190, ESE
347	CON EDISON - SERVICE	153 ST AND ARCHER AV	RCRA-LQG, NY MANIFEST	Higher	1002, 0.190, NNE
AI348	MTA NYCT - SUTPHIN B	SUTPHIN BLVD & ARCHE	RCRA-SQG, NY MANIFEST	Higher	1013, 0.192, NW
AI349	CON EDISON	ARCHER AVE & SUTPHIN	NY MANIFEST	Higher	1013, 0.192, NW
AI350	CON EDISON	SUTPHIN BLVD & ARCHE	NY MANIFEST	Higher	1013, 0.192, NW
AI351	CON EDISON	ARCHER AVE & SUTPHIN	RCRA NonGen / NLR	Higher	1013, 0.192, NW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

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AI352	CON EDISON	SUTPHIN BLVD & ARCHE	RCRA NonGen / NLR	Higher	1013, 0.192, NW
AM353	NEW YORK CITY POLICE	150-14 JAMAICA AVE	RCRA-LQG, NY Spills, FINDS, ECHO, NJ MANIFEST, NY...	Higher	1014, 0.192, North
AM354	FORENSIC INVESTIGATI	150-14 JAMAICA AVENU	NY AST	Higher	1014, 0.192, North
AN355	CON EDISON	95TH AVE & LIVERPOOL	NY MANIFEST	Higher	1019, 0.193, WSW
AN356	CON EDISON SERVICE B	95TH AVE & LIVERPOOL	RCRA NonGen / NLR	Higher	1019, 0.193, WSW
357	HONEYWELL FARMS,INC	105-29 156TH STREET	NY UST	Lower	1029, 0.195, ESE
AD358	CON ED	90-79 SUTPHIN BLVD	NY MANIFEST	Higher	1036, 0.196, NW
AD359	CON EDISON - SERVICE	90-79 SUTPHIN BLVD	NJ MANIFEST	Higher	1036, 0.196, NW
AD360	CON EDISON - SERVICE	90-79 SUTPHIN BLVD	RCRA-LQG	Higher	1036, 0.196, NW
AI361	CON EDISON	90-83 SUTPHIN BLVD	NY MANIFEST	Higher	1046, 0.198, NW
AK362	CON EDISON SERVICE B	149TH ST & JAMAICA A	RCRA NonGen / NLR	Higher	1052, 0.199, NNW
AK363	CON EDISON	149TH ST & JAMAICA A	NY MANIFEST	Higher	1052, 0.199, NNW
AL364	CON EDISON	94TH AVE & LIVERPOOL	NY MANIFEST	Higher	1064, 0.202, West
AL365	CON EDISON	94TH AVE & LIVERPOOL	NJ MANIFEST	Higher	1064, 0.202, West
AL366	CON EDISON	SUTPHIN BLVD & 94TH	RCRA NonGen / NLR, FINDS, ECHO	Higher	1064, 0.202, West
AL367	CON EDISON	94TH AVE & LIVERPOOL	RCRA NonGen / NLR	Higher	1064, 0.202, West
AK368	CON EDISON	149-23 JAMAICA AVE F	NY MANIFEST	Higher	1090, 0.206, North
AK369	CON EDISON	149-23 JAMAICA AVE	RCRA NonGen / NLR	Higher	1090, 0.206, North
AK370	CON EDISON	149-23 JAMAICA AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1090, 0.206, North
AL371	CON EDISON SERVICE B	94-08 LIVERPOOL ST F	RCRA NonGen / NLR, NY MANIFEST	Higher	1091, 0.207, West
AK372	CON EDISON	149-13 JAMAICA AVE F	NY MANIFEST	Higher	1095, 0.207, NNW
AK373	CON EDISON SERVICE B	149-13 JAMAICA AVE F	RCRA NonGen / NLR, FINDS	Higher	1095, 0.207, NNW
AO374	NEW QUEENS FAMILY CO	151-20 JAMAICA AVENU	NY AST	Higher	1103, 0.209, NNE
AI375	CON EDISON SERVICE B	146-17 ARCHER AVE FR	RCRA NonGen / NLR, NY MANIFEST	Higher	1131, 0.214, NW
AK376	CON EDISON - MANHOLE	149-01 JAMAICA AVE	NY MANIFEST	Higher	1141, 0.216, NNW
AJ377	FDA - QUEENS	158-15 LIBERTY AVE	NJ MANIFEST	Lower	1153, 0.218, ENE
AJ378	US CUSTOMS LABORATOR	158-15 LIBERTY AVE R	RCRA-VSQG, FINDS, ECHO	Lower	1153, 0.218, ENE
AJ379	DEPARTMENT OF HOMELA	158-15 LIBERTY AVE	NY MANIFEST	Lower	1153, 0.218, ENE
AJ380	FDA - QUEENS	158-15 LIBERTY AVENU	RCRA-LQG, NY Spills, FINDS, ECHO, NY MANIFEST	Lower	1153, 0.218, ENE
AJ381	FDA QUEENS L.P	158-15 LIBERTY AVE	NY UST	Lower	1153, 0.218, ENE
AP382	CON EDISON SERVICE B	147-20 JAMAICA AVE F	RCRA NonGen / NLR, FINDS	Higher	1158, 0.219, NW
AP383	CON EDISON	147-20 JAMAICA AVE F	NY MANIFEST	Higher	1158, 0.219, NW
AP384	CON ED	147-20 JAMAICA AVE	NY MANIFEST	Higher	1158, 0.219, NW
AQ385	CON EDISON	SOUTH RD & 155TH ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	1177, 0.223, ESE
AQ386	CON EDISON	SOUTH RD & 155TH ST	NJ MANIFEST	Lower	1177, 0.223, ESE
AP387	SCACCIA JAMAICA PLAN	147-16 JAMAICA AVE	NY UST	Higher	1180, 0.223, NW
AR388	CON EDISON	91-04 SUTPHIN BLVD	RCRA NonGen / NLR, FINDS, ECHO	Higher	1184, 0.224, NW
AR389	CON EDISON	91-04 SUTPHIN BLVD	NY MANIFEST	Higher	1184, 0.224, NW
AP390	CON EDISON - MANHOLE	147 ST & JAMAICA AVE	NY MANIFEST	Higher	1188, 0.225, NW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AS391	CON EDISON MANHOLE:	101ST AVE & LIVERPOO	RCRA NonGen / NLR, NY MANIFEST	Higher	1190, 0.225, SSW
AJ392	K - JAMAICA HOLDER S	158TH ST. & LIBERTY	NY SHWS, NY BROWNFIELDS	Lower	1190, 0.225, ENE
AO393	CON EDISON SERVICE B	152-27 JAMAICA AVE S	RCRA NonGen / NLR, FINDS	Higher	1191, 0.226, NNE
AO394	CON EDISON	152-27 JAMAICA AVE S	NY MANIFEST	Higher	1191, 0.226, NNE
AQ395	T N T RECYCLING	154-20 SOUTH AVENUE	NY SWRCY	Lower	1192, 0.226, ESE
AQ396	T&T RECYCLING	154-20 SOUTH ROAD	NY SWRCY	Lower	1192, 0.226, ESE
AQ397	NATIONWIDE SCRAP	154-20 SOUTH ROAD	NY SWRCY	Lower	1192, 0.226, ESE
AQ398	NATIONWIDE RECYCLING	154-20 SOUTH ROAD	NY SWRCY	Lower	1192, 0.226, ESE
AP399	CON EDISON SERVICE B	148-05 JAMAICA AVE F	RCRA NonGen / NLR, NY MANIFEST	Higher	1192, 0.226, NNW
AP400	CON EDISON SERVICE B	148-05 JAMAICA AVE F	NJ MANIFEST	Higher	1192, 0.226, NNW
AQ401	BABYLON PAPER RECYCL	JAMAICA	NY SWRCY	Lower	1192, 0.226, ESE
AT402	CON EDISON	150TH ST & SOUTH RD	NJ MANIFEST	Lower	1200, 0.227, SE
AT403	CON EDISON	150TH ST & SOUTH RD	RCRA NonGen / NLR	Lower	1200, 0.227, SE
AT404	CON EDISON	150TH ST & SOUTH RD	NY MANIFEST	Lower	1200, 0.227, SE
405	SUTPHIN AUTO REPAIRS	106-15 SUTPHIN BLVD	NY AST	Lower	1204, 0.228, SSE
AL406	CON EDISON SERVICE B	143-22 94TH AVE FRON	RCRA NonGen / NLR, NY MANIFEST	Higher	1205, 0.228, West
AP407	CON EDISON SERVICE B	147-10 JAMAICA AVE F	RCRA NonGen / NLR, NY MANIFEST	Higher	1211, 0.229, NW
AP408	CON EDISON SERVICE B	147-08 JAMAICA AVE F	RCRA NonGen / NLR, NY MANIFEST	Higher	1223, 0.232, NW
AO409	CON EDISON	JAMAICA AVE & 153RD	NY MANIFEST	Higher	1241, 0.235, NNE
AT410	MIDLAND CARTING INC	147-11 SOUTH RD	RCRA NonGen / NLR	Lower	1242, 0.235, SSE
AT411	106-19 SUTPHIN BOULE	147-11 SOUTH ROAD	NY AST	Lower	1242, 0.235, SSE
AT412	CON ED	147-29 SOUTH ROAD	NY MANIFEST	Lower	1246, 0.236, SSE
AT413	ABS ALTERNATOR & STA	147-29 SOUTH ROAD	NY AST	Lower	1246, 0.236, SSE
AS414	CON EDISON SERVICE B	143-41 101ST AVE FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	1253, 0.237, SW
AU415	PRECISE AUTO REPAIR	91-24 146TH STREET	NY UST	Higher	1265, 0.240, WNW
AV416	JAMAICA SEVEN LLC	90-36 149TH ST	NY AST	Higher	1286, 0.244, NNW
417	153-19 TO 27 JAMAICA	153-19 TO 27 JAMAICA	NY UST	Higher	1287, 0.244, NNE
418	VITA PARTS INC	143-14 94TH AVENUE	NY AST	Higher	1290, 0.244, West
AO419	CON EDISON	153-05 JAMAICA AVE	NJ MANIFEST	Higher	1295, 0.245, NNE
AO420	CON ED	153-05 JAMAICA AVE	NY MANIFEST	Higher	1295, 0.245, NNE
AO421	CON EDISON	153-05 JAMAICA AVE	RCRA NonGen / NLR	Higher	1295, 0.245, NNE
AW422	PUBLIC SCHOOL 82/86	90-36 150TH STREET	NY AST	Higher	1303, 0.247, North
AW423	PUBLIC SCHOOL 82/86	90-36 150TH STREET	NY UST	Higher	1303, 0.247, North
AW424	NYC DEPT OF EDUCATIO	90-36 150TH ST	RCRA-SQG, NY MANIFEST	Higher	1303, 0.247, North
AV425	90-23 149 ST	90-23 149 ST	NY AST	Higher	1308, 0.248, NNW
AU426	MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	NY MANIFEST	Higher	1316, 0.249, WNW
AU427	CON EDISON	OPP 144-15 ARCHER AV	NY MANIFEST	Higher	1316, 0.249, WNW
AU428	MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	NJ MANIFEST	Higher	1316, 0.249, WNW
AU429	MTA LIRR ARCHER AVEN	144-15 ARCHER AVE	RCRA-LQG	Higher	1316, 0.249, WNW

MAPPED SITES SUMMARY

Target Property Address:
95-04 149TH STREET
JAMAICA, NY 11435

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
430	REPUBLIC CARTING CO.	106-21 156 STREET	NY SWF/LF	Lower	1477, 0.280, ESE
431	CLOSED-LACKOF RECENT	90030 153RD AVENUE	NY LTANKS	Higher	1557, 0.295, North
432	BAYSIDE COMMUNITY CH	107-03 150TH STREET	NY LTANKS	Lower	1638, 0.310, SSE
433	CLOSED-LACKOF RECENT	90050 PARSONS BLVD.	NY LTANKS	Higher	1639, 0.310, NNE
434	YORK COLLEGE	94-20 160TH ST	NY LTANKS	Higher	1729, 0.327, NE
AX435	AMERICAN SEVASHRAM,	153-14 90TH AVENUE	NY LTANKS	Higher	1788, 0.339, NNE
436	CLOSED-LACKOF RECENT	106012 LIVERPOOL ST.	NY LTANKS	Higher	1848, 0.350, South
AX437	UNKNOWN RESIDENCE TT	8921 153 ST	NY LTANKS	Higher	1882, 0.356, North
438	148-22 89TH AVE/PILG	148-22 89TH AVE	NY LTANKS	Higher	1948, 0.369, NNW
439	138-57 LLOYD ROAD	138-57 LLOYD ROAD	NY LTANKS	Higher	1984, 0.376, SSW
AY440	90-43 160TH ST/QUEEN	90-43 160TH ST	NY LTANKS	Higher	2087, 0.395, NNE
441	138-07 97TH AVENUE	138-07 97TH AVENUE	NY LTANKS	Higher	2143, 0.406, WSW
AY442	90-11 160TH STREET &	90-11 160TH STREET	NY VCP	Higher	2174, 0.412, NNE
443	FORMER QUEENS FAMILY	89-14 PARSONS BLVD	NY LTANKS, NY UST, NY AST, NY BROWNFIELDS	Higher	2198, 0.416, NNE
444	SOUTH JAMAICA-NYCHA	106-62 160TH ST	NY LTANKS	Lower	2213, 0.419, East
445	FIRST REFORMED CHURC	159-29 90TH AVE	NY LTANKS, NY UST	Higher	2230, 0.422, NNE
AZ446	SALVATION ARMY	90-23 161ST ST	NY LTANKS	Higher	2324, 0.440, NNE
447	APARTMENT BUILDING T	88-09 148TH STREET	NY LTANKS	Higher	2334, 0.442, NNW
BA448	JAMAICA ASSOCIATES	148-48 88TH AVENUE	NY LTANKS, NY AST	Higher	2338, 0.443, NNW
BA449	148-48 88TH AVE	148-48 88TH AVE	NY LTANKS	Higher	2338, 0.443, NNW
BB450	144-15 LIBERTY AVENU	144-15 LIBERTY AVENU	NY VCP	Higher	2346, 0.444, SSW
BA451	SPILL NUMBER 0301057	149-30 88TH ST	NY LTANKS	Higher	2360, 0.447, North
BB452	144-01 LIBERTY AVENU	144-01 LIBERTY AVENU	NY VCP	Higher	2381, 0.451, SW
BA453	RESIDENTS	148-25 88TH AVE	NY LTANKS, NY Spills	Higher	2476, 0.469, NNW
BA454	148-25 88TH AVE	148-25 88TH AVE	NY LTANKS	Higher	2476, 0.469, NNW
455	GROUND	108-43 SUTPHIN BLVD	NY LTANKS	Lower	2516, 0.477, SE
456	RESIDENCE	147-03 88TH AVE.	NY LTANKS	Higher	2524, 0.478, NNW
BB457	143-18 LIBERTY AVENU	143-18 LIBERTY AVENU	NY VCP	Higher	2564, 0.486, SSW
AZ458	OFFICE BUILDING	89-51 162ND ST	NY LTANKS	Higher	2569, 0.487, NE
459	JAMAICA SUBSTATION	137-30 91ST AVE	NY LTANKS, NY Spills	Higher	2593, 0.491, West
460	YORK COLLEGE	94-20 GUY BREWER BLV	NY LTANKS	Higher	2599, 0.492, ENE
461	108-26 LIVERPOOL ST	108-26 LIVERPOOL ST	NY LTANKS	Higher	2624, 0.497, SSE
462	160-11 89TH AVE	160-11 89TH AVE	NY LTANKS	Higher	2628, 0.498, NNE
463	88-15 144TH ST	88-15 144TH ST	NY LTANKS	Higher	2636, 0.499, NW
464	148-28 HILLSIDE AVEN	148-28 HILLSIDE AVEN	NY SHWS	Higher	2711, 0.513, NNW
465	FORMER DURASPEC ELEC	87-83 139TH STREET	NY SHWS	Higher	3192, 0.605, NW
466	107-35 MERRICK BLVD-	107-35 MERRICK BLVD.	NY SHWS	Lower	4254, 0.806, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
LOT 1,TAXBLOCK 10001 95-04 149 STREET QUEENS, NY 11435	NY E DESIGNATION	N/A
ABBOTT INDUSTRIES IN 95-04 149TH STREET JAMAICA, NY 11435	NY UST Database: UST, Date of Government Version: 06/24/2019	N/A
95-04 149 ST 95-04 149 ST NEW YORK CITY, NY	NY LTANKS Spill Number/Closed Date: 8804089 / 1992-09-30 Site ID: 281330 Spill Date: 1988-08-09	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 10 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JFK CENTER ASSOCIATE EPA ID:: NYR000145052	94-19 SUTPHIN BLVD	W 0 - 1/8 (0.092 mi.)	P193	47
THE CROSSING AT JAMA EPA ID:: NYR000230482	147-22 ARCHER AVE	NW 1/8 - 1/4 (0.152 mi.)	AD297	69
CON EDISON - SERVICE	147-12 ARCHER AVE. A	NW 1/8 - 1/4 (0.161 mi.)	AD305	71

EPA ID:: NYP004396784				
LIRR JAMAICA STATION EPA ID:: NYR000104992	***9302 SUTPHIN BOULEVA***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI327***	***76***
CON EDISON - SERVICE EPA ID:: NYP004400495	***153 ST AND ARCHER AV***	***NNE 1/8 - 1/4 (0.190 mi.)***	***347***	***80***
NEW YORK CITY POLICE EPA ID:: NYR000086314	***150-14 JAMAICA AVE***	***N 1/8 - 1/4 (0.192 mi.)***	***AM353***	***81***
CON EDISON - SERVICE EPA ID:: NYP004854093	90-79 SUTPHIN BLVD	NW 1/8 - 1/4 (0.196 mi.)	AD360	83
MTA LIRR ARCHER AVEN EPA ID:: NYR000213447	144-15 ARCHER AVE	WNW 1/8 - 1/4 (0.249 mi.)	AU429	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - SERVICE EPA ID:: NYP004384111	106-04 150 ST	SE 1/8 - 1/4 (0.181 mi.)	AH333	77
FDA - QUEENS EPA ID:: NYR000085233	***158-15 LIBERTY AVENU***	***ENE 1/8 - 1/4 (0.218 mi.)***	***AJ380***	***88***

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIRR BRIDGE 06-0-095 EPA ID:: NYR000014084	***ABOVE 150TH ST BETWE***	***N 1/8 - 1/4 (0.153 mi.)***	***Y302***	***70***
MTA NYCT - SUTPHIN B EPA ID:: NYR000022756	***SUTPHIN BLVD & ARCHE***	***NW 1/8 - 1/4 (0.192 mi.)***	***AI348***	***80***
NYC DEPT OF EDUCATIO EPA ID:: NYR000011221	***90-36 150TH ST***	***N 1/8 - 1/4 (0.247 mi.)***	***AW424***	***97***

RCRA-VSQG: A review of the RCRA-VSQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 5 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AIR TRAIN STATION - EPA ID:: NYR000165787	***93-40 SUTPHINE BLVD***	***WNW 1/8 - 1/4 (0.130 mi.)***	***T266***	***62***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABBOTT INDUSTRIES IN EPA ID:: NYD002031870	***95-25 149TH ST***	***0 - 1/8 (0.000 mi.)***	***A7***	***9***
QUEENS INDUSTRIAL EL EPA ID:: NYD012420261	***94-12 150TH ST***	***NNE 0 - 1/8 (0.029 mi.)***	***B68***	***20***
SPEEDWAY 7826 EPA ID:: NYR000229674	***14827 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C77***	***23***
US CUSTOMS LABORATOR	***158-15 LIBERTY AVE R***	***ENE 1/8 - 1/4 (0.218 mi.)***	***AJ378***	***87***

EXECUTIVE SUMMARY

EPA ID:: NYR000103002

State- and tribal - equivalent CERCLIS

NY SHWS: A review of the NY SHWS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 5 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
K - JAMAICA GAS AND Site Code: 378997	BEAVER RD., & 158TH	NE 1/8 - 1/4 (0.148 mi.)	AC285	66
148-28 HILLSIDE AVEN Site Code: 537812	148-28 HILLSIDE AVEN	NNW 1/2 - 1 (0.513 mi.)	464	108
FORMER DURASPEC ELEC Site Code: 549987	87-83 139TH STREET	NW 1/2 - 1 (0.605 mi.)	465	108

Lower Elevation	Address	Direction / Distance	Map ID	Page
K - JAMAICA HOLDER S Site Code: 378996	***158TH ST. & LIBERTY***	***ENE 1/8 - 1/4 (0.225 mi.)***	***AJ392***	***91***
107-35 MERRICK BLVD- Site Code: 574182	107-35 MERRICK BLVD.	E 1/2 - 1 (0.806 mi.)	466	109

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: A review of the NY SWF/LF list, as provided by EDR, and dated 07/02/2019 has revealed that there are 12 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A1 AUTO PARTS INC	97-15 SUTPHIN BLVD	SSW 0 - 1/8 (0.087 mi.)	L180	45

Lower Elevation	Address	Direction / Distance	Map ID	Page
TIC TAC AUTO INC	150-08 BEAVER ROAD	ENE 0 - 1/8 (0.025 mi.)	B64	20
EASY DOES IT AUTO SA	15008 BEAVER ROAD	ENE 0 - 1/8 (0.025 mi.)	B66	20
LIBERTY AUTO PARTS I	97-09 150TH STREET	ESE 0 - 1/8 (0.035 mi.)	C80	23
NEW YORK CITY AUTO S	***148-36 LIBERTY AVE***	***SE 0 - 1/8 (0.065 mi.)***	***H128***	***33***
J & J AUTO WRECKERS,	***150-35 LIBERTY AVE***	***E 0 - 1/8 (0.078 mi.)***	***J157***	***39***
H.COLES CONSTRUCTION	95-34 157 STREET	NE 0 - 1/8 (0.098 mi.)	S203	49
CITY MASON DIVISION	105 AVE. & 150TH STR	SE 0 - 1/8 (0.101 mi.)	K206	50
A & J SCRAP METAL PR	95-49 TUCKERTON STRE	ENE 0 - 1/8 (0.111 mi.)	O226	54
A 2000 AUTO PARTS 7	155-17 LIBERTY AVE	E 1/8 - 1/4 (0.133 mi.)	U272	64
DO-RITE SALVAGE CORP	155-19 LIBERTY AVE	E 1/8 - 1/4 (0.134 mi.)	U275	64
REPUBLIC CARTING CO.	106-21 156 STREET	ESE 1/4 - 1/2 (0.280 mi.)	430	99

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

NY LTANKS: A review of the NY LTANKS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 43 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS CONCRETE Spill Number/Closed Date: 9103735 / 1995-05-25 Site ID: 215198 Spill Date: 1991-07-08	***95-11 147TH PLACE***	***W 0 - 1/8 (0.044 mi.)***	***G98***	***27***
CONTEMP PROCESSING I Spill Number/Closed Date: 9909545 / 2003-12-09 Site ID: 84431 Spill Date: 1999-11-05	***94-01 150TH ST***	***NNE 0 - 1/8 (0.059 mi.)***	***I112***	***30***
MAX'S LUNCHEONETTE Spill Number/Closed Date: 9410935 / 1994-11-16 Site ID: 142208 Spill Date: 1994-11-16	SPUTPHIN BLVD & 95TH	W 0 - 1/8 (0.059 mi.)	G116	31
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8801528 / 2003-03-05 Site ID: 192190 Spill Date: 1988-05-19	148-19 LIBERTY AVENU	S 0 - 1/8 (0.066 mi.)	L130	34
95-21 SUTPHIN BLVD Spill Number/Closed Date: 9508921 / 1995-10-20 Site ID: 95651 Spill Date: 1995-10-20	95-21 SUTPHIN BLVD	WSW 0 - 1/8 (0.084 mi.)	G171	43
CITY TRANSIT MIX INC Spill Number/Closed Date: 0612956 / 2010-08-13 Site ID: 377910 Spill Date: 2007-03-02	***147-16 LIBERTY AVE***	***S 0 - 1/8 (0.114 mi.)***	***X243***	***57***
TRI-BRO AUTO SVC INC Spill Number/Closed Date: 9907900 / 2004-12-28 Site ID: 104840 Spill Date: 1999-09-29	***93-50 SUTPHIN BOULEV***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T262***	***61***
LIRR Spill Number/Closed Date: 0008005 / 2004-05-18 Site ID: 291518 Spill Date: 2000-10-07	MORRIS PARK STORAGE	WNW 1/8 - 1/4 (0.128 mi.)	T265	62
RESIDENCE Spill Number/Closed Date: 1510485 / 2016-03-02 Site ID: 521170 Spill Date: 2016-01-26	8808 151ST AVE	N 1/8 - 1/4 (0.189 mi.)	AE344	80
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8800818 / 2003-02-18 Site ID: 93942 Spill Date: 1988-04-26	90030 153RD AVENUE	N 1/4 - 1/2 (0.295 mi.)	431	99
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8801087 / 2003-03-05 Site ID: 250709 Spill Date: 1988-05-04	90050 PARSONS BLVD.	NNE 1/4 - 1/2 (0.310 mi.)	433	99
YORK COLLEGE	94-20 160TH ST	NE 1/4 - 1/2 (0.327 mi.)	434	99

Spill Number/Closed Date: 0511961 / 2006-03-21
Site ID: 358210
Spill Date: 2006-01-17

AMERICAN SEVASHRAM, 153-14 90TH AVENUE NNE 1/4 - 1/2 (0.339 mi.) AX435 100
Spill Number/Closed Date: 9811864 / 2015-04-03
Site ID: 134351
Spill Date: 1998-12-17

CLOSED-LACKOF RECENT 106012 LIVERPOOL ST. S 1/4 - 1/2 (0.350 mi.) 436 100
Spill Number/Closed Date: 8705555 / 2003-03-04
Site ID: 253239
Spill Date: 1987-10-01

UNKNOWN RESIDENCE TT 8921 153 ST N 1/4 - 1/2 (0.356 mi.) AX437 100
Spill Number/Closed Date: 1113949 / 2013-04-05
Site ID: 461978
Spill Date: 2012-03-14

148-22 89TH AVE/PILG 148-22 89TH AVE NNW 1/4 - 1/2 (0.369 mi.) 438 100
Spill Number/Closed Date: 9109998 / 1991-12-20
Site ID: 148690
Spill Date: 1991-12-19

138-57 LLOYD ROAD 138-57 LLOYD ROAD SSW 1/4 - 1/2 (0.376 mi.) 439 101
Spill Number/Closed Date: 9209764 / 1993-11-21
Site ID: 135811
Spill Date: 1992-11-21

90-43 160TH ST/QUEEN 90-43 160TH ST NNE 1/4 - 1/2 (0.395 mi.) AY440 101
Spill Number/Closed Date: 8707224 / 1987-11-22
Site ID: 168913
Spill Date: 1987-11-22

138-07 97TH AVENUE 138-07 97TH AVENUE WSW 1/4 - 1/2 (0.406 mi.) 441 101
Spill Number/Closed Date: 9312378 / 1994-01-21
Site ID: 120397
Spill Date: 1994-01-21

FORMER QUEENS FAMILY ***89-14 PARSONS BLVD*** ***NNE 1/4 - 1/2 (0.416 mi.)*** ***443*** ***101***
Spill Number/Closed Date: 0101552 / 2006-07-26
Spill Number/Closed Date: 0202895 / 2003-10-24
Site ID: 269885
Site ID: 269886
Spill Date: 2001-05-10
Spill Date: 2002-06-19

FIRST REFORMED CHURC ***159-29 90TH AVE*** ***NNE 1/4 - 1/2 (0.422 mi.)*** ***445*** ***102***
Spill Number/Closed Date: 0812889 / 2009-12-24
Site ID: 410539
Spill Date: 2009-02-27

SALVATION ARMY 90-23 161ST ST NNE 1/4 - 1/2 (0.440 mi.) AZ446 102
Spill Number/Closed Date: 0212020 / 2003-03-06
Site ID: 206161
Spill Date: 2003-03-06

APARTMENT BUILDING T 88-09 148TH STREET NNW 1/4 - 1/2 (0.442 mi.) 447 103
Spill Number/Closed Date: 1008456 / 2012-02-23
Spill Number/Closed Date: 0514082 / 2007-03-13
Site ID: 441947
Site ID: 360714

Spill Date: 2010-11-11
Spill Date: 2006-03-09

JAMAICA ASSOCIATES	***148-48 88TH AVENUE***	***NNW 1/4 - 1/2 (0.443 mi.)***	***BA448***	***103***
Spill Number/Closed Date: 9514029 / 1996-02-03				
Site ID: 245255				
Spill Date: 1996-02-03				
148-48 88TH AVE	148-48 88TH AVE	NNW 1/4 - 1/2 (0.443 mi.)	BA449	103
Spill Number/Closed Date: 9514027 / 1996-02-03				
Site ID: 267902				
Spill Date: 1996-02-02				
SPILL NUMBER 0301057	149-30 88TH ST	N 1/4 - 1/2 (0.447 mi.)	BA451	104
Spill Number/Closed Date: 0301057 / 2003-05-07				
Site ID: 102586				
Spill Date: 2003-04-29				
RESIDENTS	***148-25 88TH AVE***	***NNW 1/4 - 1/2 (0.469 mi.)***	***BA453***	***104***
Spill Number/Closed Date: 0008634 / 2003-04-21				
Site ID: 318786				
Spill Date: 2000-10-24				
148-25 88TH AVE	148-25 88TH AVE	NNW 1/4 - 1/2 (0.469 mi.)	BA454	104
Spill Number/Closed Date: 9210394 / 1992-12-09				
Site ID: 318788				
Spill Date: 1992-12-09				
RESIDENCE	147-03 88TH AVE.	NNW 1/4 - 1/2 (0.478 mi.)	456	105
Spill Number/Closed Date: 0712287 / 2008-09-17				
Site ID: 393884				
Spill Date: 2008-02-21				
OFFICE BUILDING	89-51 162ND ST	NE 1/4 - 1/2 (0.487 mi.)	AZ458	105
Spill Number/Closed Date: 0111056 / 2002-02-22				
Site ID: 138013				
Spill Date: 2002-02-19				
JAMAICA SUBSTATION	***137-30 91ST AVE***	***W 1/4 - 1/2 (0.491 mi.)***	***459***	***105***
Spill Number/Closed Date: 0110154 / 2002-12-06				
Site ID: 74364				
Spill Date: 2002-01-22				
YORK COLLEGE	94-20 GUY BREWER BLV	ENE 1/4 - 1/2 (0.492 mi.)	460	107
Spill Number/Closed Date: 0700361 / 2007-05-10				
Site ID: 379691				
Spill Date: 2007-04-11				
108-26 LIVERPOOL ST	108-26 LIVERPOOL ST	SSE 1/4 - 1/2 (0.497 mi.)	461	108
Spill Number/Closed Date: 9108595 / 1991-11-13				
Site ID: 202937				
Spill Date: 1991-11-11				
160-11 89TH AVE	160-11 89TH AVE	NNE 1/4 - 1/2 (0.498 mi.)	462	108
Spill Number/Closed Date: 0612572 / 2007-06-26				
Site ID: 377432				
Spill Date: 2007-02-20				
88-15 144TH ST	88-15 144TH ST	NW 1/4 - 1/2 (0.499 mi.)	463	108
Spill Number/Closed Date: 8800520 / 1992-09-30				
Site ID: 201681				
Spill Date: 1988-04-15				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HESS/MERIT STATION 3	***148-27 LIBERTY AVENU***	***SE 0 - 1/8 (0.034 mi.)***	***C76***	***22***

Spill Number/Closed Date: 9600085 / 1996-04-02 Site ID: 195422 Spill Date: 1996-04-02				
MERIT SERVICE STATIO Spill Number/Closed Date: 9409085 / 1995-07-18 Site ID: 329799 Spill Date: 1994-10-07	148 LIBERTY AVE	SE 0 - 1/8 (0.056 mi.)	H108	29
9540 TUCKERTON ST/QU Spill Number/Closed Date: 9003131 / 1991-06-18 Site ID: 279092 Spill Date: 1990-06-18	9540 TUCKERTON STREE	ENE 0 - 1/8 (0.083 mi.)	O166	41
95-40 TUCKERTON STRE Spill Number/Closed Date: 9108734 / 1997-10-07 Site ID: 212664 Spill Date: 1991-11-15	***95-40 TUCKERTON STRE***	***ENE 0 - 1/8 (0.083 mi.)***	***O168***	***42***
HONEYWELL FARMS Spill Number/Closed Date: 9203003 / 2006-03-31 Site ID: 253301 Spill Date: 1991-12-01	***155-25 STYLER ROAD***	***ESE 1/8 - 1/4 (0.162 mi.)***	***AG313***	***72***
BAYSIDE COMMUNITY CH Spill Number/Closed Date: 8709586 / 1988-02-12 Site ID: 225926 Spill Date: 1988-02-11	107-03 150TH STREET	SSE 1/4 - 1/2 (0.310 mi.)	432	99
SOUTH JAMAICA-NYCHA Spill Number/Closed Date: 9902687 / 2014-05-23 Site ID: 278097 Spill Date: 1999-06-08	106-62 160TH ST	E 1/4 - 1/2 (0.419 mi.)	444	102
GROUND Spill Number/Closed Date: 1900229 / Not Reported Site ID: 586053 Spill Date: 2019-04-08	108-43 SUTPHIN BLVD	SE 1/4 - 1/2 (0.477 mi.)	455	105

State and tribal registered storage tank lists

NY UST: A review of the NY UST list, as provided by EDR, has revealed that there are 25 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS CONCRETE Database: UST, Date of Government Version: 06/24/2019	***95-11 147TH PLACE***	***W 0 - 1/8 (0.044 mi.)***	***G98***	***27***
CONTEMP PROCESSING I Database: UST, Date of Government Version: 06/24/2019	***94-01 150TH ST***	***NNE 0 - 1/8 (0.059 mi.)***	***I112***	***30***
SANFORD EQUITY Database: UST, Date of Government Version: 06/24/2019	148-23 94 AVE	NNW 0 - 1/8 (0.068 mi.)	N137	35
94TH AVENUE JAMAICA, Database: UST, Date of Government Version: 06/24/2019	147-20 94TH AVE	WNW 0 - 1/8 (0.068 mi.)	M140	36
BP JAMAICA Database: UST, Date of Government Version: 06/24/2019	***97-44 SUTPHIN BOULEV***	***SSW 0 - 1/8 (0.111 mi.)***	***Q233***	***55***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRI-BRO AUTO SVC INC	***93-50 SUTPHIN BOULEV***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T262***	***61***
Database: UST, Date of Government Version: 06/24/2019				
93-02 150TH ST.	93-02 150 ST	N 1/8 - 1/4 (0.135 mi.)	Y280	65
Database: UST, Date of Government Version: 06/24/2019				
THE CROSSING AT JAMA	147-22 ARCHER AVENUE	NW 1/8 - 1/4 (0.152 mi.)	AD301	70
Database: UST, Date of Government Version: 06/24/2019				
MOTOR TECH	***147-23 ARCHER AVE***	***NW 1/8 - 1/4 (0.171 mi.)***	***AD321***	***74***
Database: UST, Date of Government Version: 06/24/2019				
92-18 149TH ST.	92-18 149TH ST.	NNW 1/8 - 1/4 (0.174 mi.)	AB328	76
Database: UST, Date of Government Version: 06/24/2019				
SCACCIA JAMAICA PLAN	147-16 JAMAICA AVE	NW 1/8 - 1/4 (0.223 mi.)	AP387	90
Database: UST, Date of Government Version: 06/24/2019				
PRECISE AUTO REPAIR	91-24 146TH STREET	WNW 1/8 - 1/4 (0.240 mi.)	AU415	96
Database: UST, Date of Government Version: 06/24/2019				
153-19 TO 27 JAMAICA	153-19 TO 27 JAMAICA	NNE 1/8 - 1/4 (0.244 mi.)	417	96
Database: UST, Date of Government Version: 06/24/2019				
PUBLIC SCHOOL 82/86	90-36 150TH STREET	N 1/8 - 1/4 (0.247 mi.)	AW423	97
Database: UST, Date of Government Version: 06/24/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CC PRECISION WELDING	150-09 BEAVER ROAD	NE 0 - 1/8 (0.018 mi.)	B60	19
Database: UST, Date of Government Version: 06/24/2019				
MERIT LIBERTY	***148 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C75***	***22***
Database: UST, Date of Government Version: 06/24/2019				
148-19 LIBERTY AVENU	148-19 LIBERTY AVENU	SSE 0 - 1/8 (0.044 mi.)	H95	26
Database: UST, Date of Government Version: 06/24/2019				
QUEENS ENFORCEMENT (	***150-24 BEAVER ROAD***	***NE 0 - 1/8 (0.056 mi.)***	***I106***	***29***
Database: UST, Date of Government Version: 06/24/2019				
EAST COAST AUTO SALV	95-50 TUCKERTON STRE	ENE 0 - 1/8 (0.080 mi.)	O159	40
Database: UST, Date of Government Version: 06/24/2019				
BELL ATLANTIC	95-40 TUCKERTON STRE	ENE 0 - 1/8 (0.083 mi.)	O162	40
Database: UST, Date of Government Version: 06/24/2019				
CITY TRANSIT MIX INC	104-05 148TH STREET	SSE 0 - 1/8 (0.091 mi.)	R190	47
Database: UST, Date of Government Version: 06/24/2019				
DO-RITE SALVAGE CORP	155-19 LIBERTY AVENU	E 1/8 - 1/4 (0.134 mi.)	U274	64
Database: UST, Date of Government Version: 06/24/2019				
HONEYWELL FARMS	***155-25 STYLER ROAD***	***ESE 1/8 - 1/4 (0.162 mi.)***	***AG313***	***72***
Database: UST, Date of Government Version: 06/24/2019				
HONEYWELL FARMS,INC	105-29 156TH STREET	ESE 1/8 - 1/4 (0.195 mi.)	357	83
Database: UST, Date of Government Version: 06/24/2019				
FDA QUEENS L.P	158-15 LIBERTY AVE	ENE 1/8 - 1/4 (0.218 mi.)	AJ381	88
Database: UST, Date of Government Version: 06/24/2019				

EXECUTIVE SUMMARY

NY CBS: A review of the NY CBS list, as provided by EDR, and dated 06/24/2019 has revealed that there are 4 NY CBS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS TRANSIT MIX	***95-11 147 PL***	***W 0 - 1/8 (0.044 mi.)***	***G96***	***27***
Facility Status: Unregulated/Closed CBS Number: 2-000185				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MEC-TEC AUTOMOTIVE,	148-20 LIBERTY AVENU	SSE 0 - 1/8 (0.075 mi.)	H153	39
Facility Status: Inactive CBS Number: 2-000453				
J & J AUTO WRECKERS,	***150-35 LIBERTY AVE***	***E 0 - 1/8 (0.078 mi.)***	***J157***	***39***
Facility Status: Unregulated/Closed CBS Number: 2-000435				
HONEYWELL FARMS	***155-25 STYLER ROAD***	***ESE 1/8 - 1/4 (0.162 mi.)***	***AG313***	***72***
Facility Status: Unregulated/Closed CBS Number: 2-000057				

NY AST: A review of the NY AST list, as provided by EDR, has revealed that there are 41 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS CONCRETE	***95-11 147TH PLACE***	***W 0 - 1/8 (0.044 mi.)***	***G98***	***27***
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-600250				
LIBERTY ASHES INC	94-02 150TH STREET	NNE 0 - 1/8 (0.046 mi.)	F101	28
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610080				
WORLD-WIDE FOOD PROD	147-07 94TH AVENUE	WNW 0 - 1/8 (0.084 mi.)	M177	44
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612215				
WAREHOUSE	94-01 SUTPHIN BLVD	W 0 - 1/8 (0.091 mi.)	P187	46
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-607871				
JFK CENTER	94-19 SUTPHIN BOULVE	W 0 - 1/8 (0.092 mi.)	P194	47
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610507				
BP JAMAICA	97-44 SUTPHIN BOULEV	SSW 0 - 1/8 (0.111 mi.)	Q234	55
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-191426				
CONCEPT AUTO REPAIRS	147-12 LIBERTY AVENU	S 0 - 1/8 (0.116 mi.)	X249	59
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-605031				
BAM MOBILE TRUCK & A	97-16 SUTPHIN BOULEV	SW 1/8 - 1/4 (0.127 mi.)	Z264	62
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-611329				
ARCHER AUTO SERVICE,	14910 ARCHER AVENUE	N 1/8 - 1/4 (0.135 mi.)	Y276	65
Database: AST, Date of Government Version: 06/24/2019				

Facility Id: 2-612019

ALL STARS AUTO REPAI	14916 ARCHER AVENUE	N 1/8 - 1/4 (0.138 mi.)	Y281	66
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612031				
MST AUTO BODY & REPA	148-12 ARCHER AVENUE	NNW 1/8 - 1/4 (0.138 mi.)	AB282	66
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-612018				
SALVATION ARMY STORE	148-15 ARCHER AVE	NNW 1/8 - 1/4 (0.163 mi.)	AB315	73
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-257672				
CHEMICAL BANK	93-01 SUTPHIN BLVD	NW 1/8 - 1/4 (0.166 mi.)	AD317	74
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-153605				
T & H GARAGE	105-20 SUTPHIN BLVD.	S 1/8 - 1/4 (0.186 mi.)	AF335	78
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-603382				
AIR TRAIN - PARKING	144-27 94TH AVENUE	W 1/8 - 1/4 (0.189 mi.)	AL342	79
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610378				
FORENSIC INVESTIGATI	150-14 JAMAICA AVENU	N 1/8 - 1/4 (0.192 mi.)	AM354	82
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-604386				
NEW QUEENS FAMILY CO	151-20 JAMAICA AVENU	NNE 1/8 - 1/4 (0.209 mi.)	AO374	86
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610545				
JAMAICA SEVEN LLC	90-36 149TH ST	NNW 1/8 - 1/4 (0.244 mi.)	AV416	96
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-244317				
VITA PARTS INC	143-14 94TH AVENUE	W 1/8 - 1/4 (0.244 mi.)	418	96
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-610421				
PUBLIC SCHOOL 82/86	90-36 150TH STREET	N 1/8 - 1/4 (0.247 mi.)	AW422	97
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-604693				
90-23 149 ST	90-23 149 ST	NNW 1/8 - 1/4 (0.248 mi.)	AV425	98
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-091804				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABBOTT INDUSTRIES IN	95-25 149TH ST	0 - 1/8 (0.000 mi.)	A6	9
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-249963				
ABBOTT INDUSTRIES IN	97-02 150TH ST	ESE 0 - 1/8 (0.015 mi.)	C51	17
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-249971				
TIC TAC AUTO INC.	150-08 BEAVER ROAD	ENE 0 - 1/8 (0.025 mi.)	B65	20
Database: AST, Date of Government Version: 06/24/2019 Facility Id: 2-609557				
FULL SERVICE AUTO RE	150-18-30 LIBERTY AV	ESE 0 - 1/8 (0.045 mi.)	C99	27
Database: AST, Date of Government Version: 06/24/2019				

Facility Id: 2-610613				
QUEENS ENFORCEMENT (	***150-24 BEAVER ROAD***	***NE 0 - 1/8 (0.056 mi.)***	***I106***	***29***
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-455415				
NEW YORK CITY AUTO S	148-36 LIBERTY AVENU	SE 0 - 1/8 (0.065 mi.)	H129	34
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-603085				
WELBILT TRANSMISSION	150-14 LIBERTY AVENU	ESE 0 - 1/8 (0.070 mi.)	J145	37
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-611479				
MEC-TEC AUTOMOTIVE I	148-20 LIBERTY AVENU	SSE 0 - 1/8 (0.075 mi.)	H152	38
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-610517				
J&J AUTO WRECKERS IN	150-35 LIBERTY AVENU	E 0 - 1/8 (0.078 mi.)	J155	39
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-609164				
BELL ATLANTIC	95-40 TUCKERTON STRE	ENE 0 - 1/8 (0.083 mi.)	O165	41
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-343889				
CITY TRANSIT MIX INC	104-05 148TH STREET	SSE 0 - 1/8 (0.091 mi.)	R189	46
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-258725				
LIBERTY SCRAP METAL	95-49 TUCKERTON STRE	ENE 0 - 1/8 (0.111 mi.)	O228	54
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-610668				
A-200 AUTO PARTS - A	155-17 LIBERTY AVE	E 1/8 - 1/4 (0.133 mi.)	U271	64
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-610420				
AMERICAN TORAVE INC.	105-22 150TH STREET	SE 1/8 - 1/4 (0.143 mi.)	W283	66
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-611765				
BIG G AUTO, INC.	105-23 150TH STREET	SE 1/8 - 1/4 (0.149 mi.)	W294	69
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-604364				
HONEYWELL FARMS	155-25 STYLER ROAD	ESE 1/8 - 1/4 (0.162 mi.)	AG314	73
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-268445				
ALMEIDA CONCRETE	105-24 148 STREET	SSE 1/8 - 1/4 (0.166 mi.)	AH318	74
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-612639				
SUTPHIN AUTO REPAIRS	106-15 SUTPHIN BLVD	SSE 1/8 - 1/4 (0.228 mi.)	405	93
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-604116				
106-19 SUTPHIN BOULE	147-11 SOUTH ROAD	SSE 1/8 - 1/4 (0.235 mi.)	AT411	95
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-612147				
ABS ALTERNATOR & STA	147-29 SOUTH ROAD	SSE 1/8 - 1/4 (0.236 mi.)	AT413	95
Database: AST, Date of Government Version: 06/24/2019				
Facility Id: 2-610773				

NY CBS AST: A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 NY CBS AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS TRANSIT MIX	***95-11 147 PL***	***W 0 - 1/8 (0.044 mi.)***	***G96***	***27***
Facility Status: 2 Facility Status: 1 CBS Number: 2-000185				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HONEYWELL FARMS,INC.	155-25 STYLER ROAD	ESE 1/8 - 1/4 (0.171 mi.)	AG322	75
Facility Status: 1 Facility Status: 1 CBS Number: 2-000057				

NY TANKS: A review of the NY TANKS list, as provided by EDR, has revealed that there is 1 NY TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIRR - JAMAICA STATI	***93-02 SUTPHIN BOULEV***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI326***	***76***
Database: TANKS, Date of Government Version: 06/24/2019 Facility Id: 2-600338 Site Status: Active				

State and tribal voluntary cleanup sites

NY VCP: A review of the NY VCP list, as provided by EDR, has revealed that there are 14 NY VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
147-16 97TH AVENUE	147-16 97TH AVENUE	SSW 0 - 1/8 (0.063 mi.)	D123	32
Database: VCP NYC, Date of Government Version: 08/20/2019				
148-39 94TH AVENUE	148-39 94TH AVENUE	N 0 - 1/8 (0.064 mi.)	F127	33
Database: VCP NYC, Date of Government Version: 08/20/2019				
97-11 SUTPHIN BOULEV	97-11 SUTPHIN BOULEV	SSW 0 - 1/8 (0.090 mi.)	L186	46
Database: VCP NYC, Date of Government Version: 08/20/2019				
93-43 SUTPHIN BLVD	93-43 SUTPHIN BLVD	WNW 0 - 1/8 (0.108 mi.)	T217	52
Database: VCP NYC, Date of Government Version: 08/20/2019				
97-18 SUTPHIN BLVD	97-18 SUTPHIN BLVD	SW 0 - 1/8 (0.111 mi.)	Q232	55
Database: VCP NYC, Date of Government Version: 08/20/2019				
145-07 95TH AVENUE	145-07 95TH AVENUE	W 1/8 - 1/4 (0.131 mi.)	AA268	63
Database: VCP NYC, Date of Government Version: 08/20/2019				
148-12 ARCHER AVENUE	148-22 ARCHER AVENUE	NNW 1/8 - 1/4 (0.132 mi.)	Y269	63
Database: VCP NYC, Date of Government Version: 08/20/2019				
JAMAICA GAS & LIGHT	BEAVER RD., & 158TH	NE 1/8 - 1/4 (0.148 mi.)	AC284	66
Database: VCP, Date of Government Version: 08/12/2019				

Site Code: 58323				
147-22 ARCHER AVENUE Database: VCP NYC, Date of Government Version: 08/20/2019	147-22 ARCHER AVENUE	NW 1/8 - 1/4 (0.152 mi.)	AD300	70
144-02 94TH AVENUE Database: VCP NYC, Date of Government Version: 08/20/2019	144-02 94TH AVENUE	W 1/8 - 1/4 (0.189 mi.)	AL345	80
90-11 160TH STREET & Database: VCP NYC, Date of Government Version: 08/20/2019	90-11 160TH STREET	NNE 1/4 - 1/2 (0.412 mi.)	AY442	101
144-15 LIBERTY AVENU Database: VCP NYC, Date of Government Version: 08/20/2019	144-15 LIBERTY AVENU	SSW 1/4 - 1/2 (0.444 mi.)	BB450	103
144-01 LIBERTY AVENU Database: VCP NYC, Date of Government Version: 08/20/2019	144-01 LIBERTY AVENU	SW 1/4 - 1/2 (0.451 mi.)	BB452	104
143-18 LIBERTY AVENU Database: VCP NYC, Date of Government Version: 08/20/2019	143-18 LIBERTY AVENU	SSW 1/4 - 1/2 (0.486 mi.)	BB457	105

State and tribal Brownfields sites

NY BROWNFIELDS: A review of the NY BROWNFIELDS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 5 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA 94TH AVENUE Site Code: 524733	147-20 94TH AVENUE	WNW 0 - 1/8 (0.068 mi.)	M143	36
147-25 94TH AVENUE Site Code: 565437	147-25 94TH AVENUE	NW 0 - 1/8 (0.072 mi.)	M148	37
K - JAMAICA GAS & LI Site Code: 58324	BEAVER RD., & 158TH	NE 1/8 - 1/4 (0.148 mi.)	AC286	67
FORMER QUEENS FAMILY Site Code: 360362	***89-14 PARSONS BLVD***	***NNE 1/4 - 1/2 (0.416 mi.)***	***443***	***101***

Lower Elevation	Address	Direction / Distance	Map ID	Page
K - JAMAICA HOLDER S Site Code: 57405	***158TH ST. & LIBERTY***	***ENE 1/8 - 1/4 (0.225 mi.)***	***AJ392***	***91***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWRCY: A review of the NY SWRCY list, as provided by EDR, and dated 07/02/2019 has revealed that there are 7 NY SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA RECYCLING ME	147-20 LIBERTY AVENU	S 0 - 1/8 (0.112 mi.)	L237	56

Lower Elevation	Address	Direction / Distance	Map ID	Page
EWG GLASS RECOVERY A	94-54 158TH STREET	ENE 1/8 - 1/4 (0.177 mi.)	AJ331	77
T N T RECYCLING	154-20 SOUTH AVENUE	ESE 1/8 - 1/4 (0.226 mi.)	AQ395	91
T&T RECYCLING	154-20 SOUTH ROAD	ESE 1/8 - 1/4 (0.226 mi.)	AQ396	92
NATIONWIDE SCRAP	154-20 SOUTH ROAD	ESE 1/8 - 1/4 (0.226 mi.)	AQ397	92
NATIONWIDE RECYCLING	154-20 SOUTH ROAD	ESE 1/8 - 1/4 (0.226 mi.)	AQ398	92
BABYLON PAPER RECYCL	JAMAICA	ESE 1/8 - 1/4 (0.226 mi.)	AQ401	93

Records of Emergency Release Reports

NY Spills: A review of the NY Spills list, as provided by EDR, and dated 08/12/2019 has revealed that there are 44 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPILL NUMBER 9814213 Spill Number/Closed Date: 9814213 / 2003-07-07 Site ID: 258592 Spill Date: 1999-02-25	148TH ST & 95TH AV	WNW 0 - 1/8 (0.007 mi.)	A30	13
SPILL NUMBER 9914434 Spill Number/Closed Date: 9914434 / 2003-02-14 Site ID: 247558 Spill Date: 2000-03-22	95TH AVE & 148TH ST	WNW 0 - 1/8 (0.007 mi.)	A31	13
VAULT #6898 Spill Number/Closed Date: 9914065 / 2000-03-16 Spill Number/Closed Date: 0306405 / 2003-10-27 Site ID: 145781 Site ID: 258591 Spill Date: 2000-03-13 Spill Date: 2003-09-17	148TH ST & 95TH AV	WNW 0 - 1/8 (0.007 mi.)	A32	13
DRUM RUN Spill Number/Closed Date: 1502854 / 2015-06-19 Site ID: 509136 Spill Date: 2015-06-15	148-01 95TH AVE	NW 0 - 1/8 (0.014 mi.)	E47	16
SPILL NUMBER 9902985 Spill Number/Closed Date: 9902985 / 1999-06-30 Site ID: 193057 Spill Date: 1999-06-15	148TH ST BET 94TH &	NW 0 - 1/8 (0.030 mi.)	E71	21
BETWEEN 94TH & 95TH Spill Number/Closed Date: 0112226 / 2002-05-06 Site ID: 65609 Spill Date: 2002-03-28	148TH ST BET 94TH &	NW 0 - 1/8 (0.030 mi.)	E72	21
95-04 SUTPHIN BLV/QU Spill Number/Closed Date: 9100098 / 1995-05-25 Site ID: 114915 Spill Date: 1991-04-02	95-04 SUTPHIN BLVD	W 0 - 1/8 (0.058 mi.)	G109	29
CONTEMP PROCESSING I Spill Number/Closed Date: 0007232 / 2009-05-01 Spill Number/Closed Date: 8701261 / 1987-05-14	***94-01 150TH ST***	***NNE 0 - 1/8 (0.059 mi.)***	***I112***	***30***

Site ID: 84430
Site ID: 209443
Spill Date: 2000-09-20
Spill Date: 1987-05-14

97-13 147TH PL/QUEEN Spill Number/Closed Date: 8803968 / 1988-08-05 Site ID: 118690 Spill Date: 1988-08-05	97-13 147TH PLACE	SSW 0 - 1/8 (0.061 mi.)	D117	31
148-23 94TH AVE Spill Number/Closed Date: 9207624 / 1996-11-22 Site ID: 320200 Spill Date: 1992-09-17	148-23 94TH AVE	NNW 0 - 1/8 (0.068 mi.)	N136	35
95-35 SO. SUTPHIN BL Spill Number/Closed Date: 9413558 / 1995-01-11 Site ID: 87095 Spill Date: 1995-01-11	95-35 SO. SUTPHIN BL	SW 0 - 1/8 (0.086 mi.)	Q178	44
95-39 SUTPHIN BLVD Spill Number/Closed Date: 9511485 / 1995-12-12 Site ID: 321362 Spill Date: 1995-12-11	95-39 SUTPHIN BLVD	SW 0 - 1/8 (0.088 mi.)	Q181	45
HOWARD BEACH UNIT SU Spill Number/Closed Date: 0312933 / 2004-04-23 Site ID: 176414 Spill Date: 2004-02-23	157TH AV & 94TH ST	NE 0 - 1/8 (0.100 mi.)	S204	49
BP JAMAICA Spill Number/Closed Date: 9408105 / 2009-09-16 Site ID: 212031 Spill Date: 1994-09-14	***97-44 SUTPHIN BOULEV***	***SSW 0 - 1/8 (0.111 mi.)***	***Q233***	***55***
LIRR JOHNSON AVE YAR Spill Number/Closed Date: 0107538 / 2005-05-26 Site ID: 276186 Spill Date: 2001-10-23	94TH ST & SUTPHIN BL	W 0 - 1/8 (0.114 mi.)	T242	57

Lower Elevation	Address	Direction / Distance	Map ID	Page
NOT FOUND Spill Number/Closed Date: 0603449 / 2006-08-28 Site ID: 366179 Spill Date: 2006-06-28	95TH AVE/149 ST	N 0 - 1/8 (0.006 mi.)	A28	13
DRUM RUN Spill Number/Closed Date: 1507075 / 2015-10-16 Site ID: 514531 Spill Date: 2015-10-05	97TH AVE AND 148TH S	S 0 - 1/8 (0.013 mi.)	D46	16
DENNIS PRINCE Spill Number/Closed Date: 1213219 / 2013-05-10 Site ID: 476398 Spill Date: 2012-12-10	14812 97TH AVE	SSE 0 - 1/8 (0.016 mi.)	D55	18
HESS/MERIT STATION 3 Spill Number/Closed Date: 9606415 / 2007-01-17 Site ID: 288182 Spill Date: 1996-08-19	***148-27 LIBERTY AVENU***	***SE 0 - 1/8 (0.034 mi.)***	***C76***	***22***
HESS STATION	148-27 LIBERTY AV	SE 0 - 1/8 (0.034 mi.)	C78	23

Spill Number/Closed Date: 0110825 / 2002-02-13 Site ID: 195421 Spill Date: 2002-02-12				
LUCKY AUTO BODY Spill Number/Closed Date: 9907947 / 1999-09-30 Site ID: 73999 Spill Date: 1999-09-30	148-21 LIBERTY AVE	SE 0 - 1/8 (0.040 mi.)	H91	25
550 UST Spill Number/Closed Date: 1306143 / 2015-08-28 Site ID: 486736 Spill Date: 2013-09-11	94-12 150TH STREET	NNE 0 - 1/8 (0.043 mi.)	F92	26
EAST COAST AUTO SALV Spill Number/Closed Date: 0006759 / 2006-03-06 Site ID: 161475 Spill Date: 2000-09-06	150-05 LIBERTY AVE	ESE 0 - 1/8 (0.046 mi.)	C102	28
REAR OF PROPERTY - D Spill Number/Closed Date: 1505562 / 2015-08-27 Site ID: 512930 Spill Date: 2015-08-24	150-24 BEAVER RD/TUC	NE 0 - 1/8 (0.056 mi.)	I105	29
DRUM RUN Spill Number/Closed Date: 1602911 / 2016-07-15 Site ID: 529342 Spill Date: 2016-06-23	150-24 BEAVER RD	NE 0 - 1/8 (0.056 mi.)	I107	29
BELL ATLANTIC Spill Number/Closed Date: 9706920 / 1997-12-31 Spill Number/Closed Date: 9900524 / 2000-05-02 Site ID: 326411 Site ID: 326412 Spill Date: 1997-09-10 Spill Date: 1999-04-14	95-40 TUCKERTON ST	ENE 0 - 1/8 (0.071 mi.)	J147	37
MAN HOLE # 3057 Spill Number/Closed Date: 0302515 / 2003-08-20 Site ID: 218625 Spill Date: 2003-06-09	104-14 150TH ST	SE 0 - 1/8 (0.082 mi.)	K160	40
PHONE CO. GARAGE Spill Number/Closed Date: 9601260 / 1996-04-24 Site ID: 76820 Spill Date: 1996-04-24	9540 TUCKERTON ST	ENE 0 - 1/8 (0.083 mi.)	O163	41
DRUM RUN Spill Number/Closed Date: 1501322 / 2015-06-19 Site ID: 507520 Spill Date: 2015-05-06	95-40 TUCKERTON ST	ENE 0 - 1/8 (0.083 mi.)	O167	42
95-40 TUCKERTON STRE Spill Number/Closed Date: 9713877 / 2003-04-22 Site ID: 252643 Spill Date: 1998-03-16	***95-40 TUCKERTON STRE***	***ENE 0 - 1/8 (0.083 mi.)***	***O168***	***42***
CINELLY Spill Number/Closed Date: 9815500 / 2003-03-03 Site ID: 244208 Spill Date: 1999-03-30	150-11 GINSBERG RD	ESE 0 - 1/8 (0.083 mi.)	K169	42
SPILL NUMBER 0208998	150TH ST/105TH AV	SE 0 - 1/8 (0.102 mi.)	K207	50

Spill Number/Closed Date: 0208998 / 2002-12-27
Site ID: 192771
Spill Date: 2002-12-02

IFO JUNK YARD	95-41 TUCKERTON STRE	ENE 0 - 1/8 (0.108 mi.)	O212	51
Spill Number/Closed Date: 0605736 / 2006-08-28 Site ID: 368961 Spill Date: 2006-08-17				
COMMERCIAL LOT	95-65 TUCKERTON ST	E 0 - 1/8 (0.110 mi.)	U222	53
Spill Number/Closed Date: 1212351 / 2018-03-05 Site ID: 475498 Spill Date: 2012-11-14				
DRUM RUN	TUCKERTON STREET AND	NE 0 - 1/8 (0.111 mi.)	V224	53
Spill Number/Closed Date: 1012600 / 2011-04-05 Site ID: 446776 Spill Date: 2011-03-17				
DRUM RUN	157TH ST AND TUCKERT	NE 0 - 1/8 (0.111 mi.)	V225	54
Spill Number/Closed Date: 1706620 / 2017-10-31 Site ID: 560942 Spill Date: 2017-10-06				
AJ SCRAP METAL	9549 TUCKERTON STREE	ENE 0 - 1/8 (0.111 mi.)	O227	54
Spill Number/Closed Date: 0713517 / 2008-08-01 Site ID: 395282 Spill Date: 2008-03-13				
JUNKYARD	95-49 TUCKERTON ST	ENE 0 - 1/8 (0.111 mi.)	O229	54
Spill Number/Closed Date: 1213606 / 2012-12-20 Spill Number/Closed Date: 0906446 / 2009-09-14 Site ID: 476809 Site ID: 418781 Spill Date: 2012-12-17 Spill Date: 2009-09-03				
PAVEMENT / STREET	95-49 TUCKERTON ST	ENE 0 - 1/8 (0.111 mi.)	O230	55
Spill Number/Closed Date: 1800198 / 2018-04-09 Site ID: 568684 Spill Date: 2018-04-06				
NYNEX	95-40 157TH ST	ENE 0 - 1/8 (0.119 mi.)	O252	59
Spill Number/Closed Date: 9811495 / 2009-08-20 Site ID: 87167 Spill Date: 1998-12-12				
SERVICE BOX #38864	IFO 155-11 LIBERTY A	E 0 - 1/8 (0.121 mi.)	U254	60
Spill Number/Closed Date: 9911146 / 2002-03-28 Site ID: 275725 Spill Date: 1999-12-21				
LIBERTY SCRAP INC	155-11 LIBERTY AVE	E 0 - 1/8 (0.121 mi.)	U255	60
Spill Number/Closed Date: 1609668 / Not Reported Spill Number/Closed Date: 1701220 / Not Reported Site ID: 538465 Site ID: 548263 Spill Date: 2017-01-19 Spill Date: 2017-05-08				
LSM AUTO PARTS	155-11 LIBERTY AVE	E 0 - 1/8 (0.121 mi.)	U256	60
Spill Number/Closed Date: 1804173 / Not Reported				

Site ID: 573837
Spill Date: 2018-07-18

IN ROAD Spill Number/Closed Date: 1801846 / Not Reported Site ID: 570396 Spill Date: 2018-05-17	155- 11 LIBERTY AVE	E 0 - 1/8 (0.121 mi.)	U258	61

NY SPILLS 90: A review of the NY SPILLS 90 list, as provided by EDR, and dated 12/14/2012 has revealed that there are 2 NY SPILLS 90 sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DENNIS PRINCE Status: ACTIVE Site Id: 1213219	14812 97TH AVE	SSE 0 - 1/8 (0.016 mi.)	D56	18
COMMERCIAL LOT Status: ACTIVE Site Id: 1212351	95-65 TUCKERTON ST	E 0 - 1/8 (0.098 mi.)	O202	49

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/24/2019 has revealed that there are 68 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANFORD EQUITIES EPA ID:: NYD986883569	***148-23 94TH AVE***	***NNW 0 - 1/8 (0.068 mi.)***	***N138***	***35***
JAMAICA 94TH AVENUE EPA ID:: NYR000227504	147-20 94TH AVE	WNW 0 - 1/8 (0.068 mi.)	M142	36
AUTOTECH AUTO BODY R EPA ID:: NY0000362483	***147-21 LIBERTY AVE***	***S 0 - 1/8 (0.072 mi.)***	***L149***	***38***
HWC DRY CLEANERS EPA ID:: NYR000059741	***95-19 SUTPHIN BLVD***	***WSW 0 - 1/8 (0.084 mi.)***	***G173***	***43***
CON EDISON SERVICE B EPA ID:: NYP004488144	***97-26 147TH PL***	***SSW 0 - 1/8 (0.092 mi.)***	***L191***	***47***
CON EDISON EPA ID:: NYP004399515	***147-05 94TH AVE***	***WNW 0 - 1/8 (0.108 mi.)***	***T215***	***52***
CON EDISON SERVICE B EPA ID:: NYP004450748	***94-12 SUTPHIN BLVD F***	***W 0 - 1/8 (0.114 mi.)***	***P245***	***57***
MTA LIRR - SUTPHIN B EPA ID:: NYR000207696	***SUTPHIN BLVD & 94TH***	***W 0 - 1/8 (0.115 mi.)***	***T246***	***58***
TRIBRO AUTO SERVICE EPA ID:: NYR000077818	***93-50 SUTPHIN BLVD***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T263***	***62***
TRI-US AUTO RADIATOR	***97-20 SUTPHIN BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***Z267***	***63***

EPA ID:: NYR000094227				
ALLIED MOTOR SALES I EPA ID:: NYD981489289	93-04 150TH ST	N 1/8 - 1/4 (0.134 mi.)	Y273	64
CON EDISON EPA ID:: NYP004822462	93-02 150TH ST	N 1/8 - 1/4 (0.135 mi.)	Y279	65
CON EDISON EPA ID:: NYP004745451	***144-99 95TH AVE***	***WSW 1/8 - 1/4 (0.148 mi.)***	***AA288***	***67***
CON EDISON EPA ID:: NYP004814717	150TH ST & ARCHER AV	N 1/8 - 1/4 (0.148 mi.)	Y290	68
CON EDISON SERVICE B EPA ID:: NYP004517819	***150TH ST & ARCHER AV***	***N 1/8 - 1/4 (0.148 mi.)***	***Y292***	***68***
CON EDISON EPA ID:: NYP004551107	144-06 94TH AVE	W 1/8 - 1/4 (0.158 mi.)	AA304	71
CON EDISON EPA ID:: NYP004815045	151-61 N ARCHER AVE	N 1/8 - 1/4 (0.161 mi.)	AE309	72
EBY ELECTRO INC EPA ID:: NYD001529247	***148-05 ARCHER AVE***	***NNW 1/8 - 1/4 (0.164 mi.)***	***AB316***	***73***
CON EDISON SERVICE B EPA ID:: NYP004487666	***92-12 150TH ST FRONT***	***N 1/8 - 1/4 (0.167 mi.)***	***Y320***	***74***
MOTOR TECH EPA ID:: NYU005000146	***147-23 ARCHER AVE***	***NW 1/8 - 1/4 (0.171 mi.)***	***AD321***	***74***
CON EDISON EPA ID:: NYP004776001	93-10 SUTPHIN BLVD	WNW 1/8 - 1/4 (0.172 mi.)	AI323	75
V-M AUTO COLLISION W EPA ID:: NYD981874456	***105-06 SUTPHIN BLVD***	***S 1/8 - 1/4 (0.183 mi.)***	***AF334***	***77***
CON EDISON SERVICE B EPA ID:: NYP004526745	***149-02 JAMAICA AVE***	***NNW 1/8 - 1/4 (0.188 mi.)***	***AK337***	***78***
E & M AUTO BODY EPA ID:: NYD982272593	***92-21 147TH PL***	***NW 1/8 - 1/4 (0.188 mi.)***	***AD338***	***78***
CON EDISON EPA ID:: NYP004828606	144-27 94TH AVE	W 1/8 - 1/4 (0.189 mi.)	AL343	79
CON EDISON EPA ID:: NYP004483442	ARCHER AVE & SUTPHIN	NW 1/8 - 1/4 (0.192 mi.)	AI351	81
CON EDISON EPA ID:: NYP004399523	SUTPHIN BLVD & ARCHE	NW 1/8 - 1/4 (0.192 mi.)	AI352	81
CON EDISON SERVICE B EPA ID:: NYP004569927	95TH AVE & LIVERPOOL	WSW 1/8 - 1/4 (0.193 mi.)	AN356	82
CON EDISON SERVICE B EPA ID:: NYP004526752	149TH ST & JAMAICA A	NNW 1/8 - 1/4 (0.199 mi.)	AK362	84
CON EDISON EPA ID:: NYP004399531	***SUTPHIN BLVD & 94TH***	***W 1/8 - 1/4 (0.202 mi.)***	***AL366***	***84***
CON EDISON EPA ID:: NYP004745642	94TH AVE & LIVERPOOL	W 1/8 - 1/4 (0.202 mi.)	AL367	85
CON EDISON EPA ID:: NYP004840290	149-23 JAMAICA AVE	N 1/8 - 1/4 (0.206 mi.)	AK369	85
CON EDISON	***149-23 JAMAICA AVE***	***N 1/8 - 1/4 (0.206 mi.)***	***AK370***	***85***

EPA ID:: NYP004526729				
CON EDISON SERVICE B EPA ID:: NYP004384731	***94-08 LIVERPOOL ST F***	***W 1/8 - 1/4 (0.207 mi.)***	***AL371***	***86***
CON EDISON SERVICE B EPA ID:: NYP004526737	***149-13 JAMAICA AVE F***	***NNW 1/8 - 1/4 (0.207 mi.)***	***AK373***	***86***
CON EDISON SERVICE B EPA ID:: NYP004396792	***146-17 ARCHER AVE FR***	***NW 1/8 - 1/4 (0.214 mi.)***	***AI375***	***87***
CON EDISON SERVICE B EPA ID:: NYP004485058	***147-20 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.219 mi.)***	***AP382***	***88***
CON EDISON EPA ID:: NYP004399507	***91-04 SUTPHIN BLVD***	***NW 1/8 - 1/4 (0.224 mi.)***	***AR388***	***90***
CON EDISON MANHOLE: EPA ID:: NYP004387254	***101ST AVE & LIVERPOO***	***SSW 1/8 - 1/4 (0.225 mi.)***	***AS391***	***90***
CON EDISON SERVICE B EPA ID:: NYP004522264	***152-27 JAMAICA AVE S***	***NNE 1/8 - 1/4 (0.226 mi.)***	***AO393***	***91***
CON EDISON SERVICE B EPA ID:: NYP004460754	***148-05 JAMAICA AVE F***	***NNW 1/8 - 1/4 (0.226 mi.)***	***AP399***	***92***
CON EDISON SERVICE B EPA ID:: NYP004389656	***143-22 94TH AVE FRON***	***W 1/8 - 1/4 (0.228 mi.)***	***AL406***	***94***
CON EDISON SERVICE B EPA ID:: NYP004460762	***147-10 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.229 mi.)***	***AP407***	***94***
CON EDISON SERVICE B EPA ID:: NYP004460770	***147-08 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.232 mi.)***	***AP408***	***94***
CON EDISON SERVICE B EPA ID:: NYP004385118	***143-41 101ST AVE FRO***	***SW 1/8 - 1/4 (0.237 mi.)***	***AS414***	***95***
CON EDISON EPA ID:: NYP004834418	153-05 JAMAICA AVE	NNE 1/8 - 1/4 (0.245 mi.)	AO421	97

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B EPA ID:: NYP004487658	***95-10 150TH ST FRONT***	***0 - 1/8 (0.000 mi.)***	***B12***	***10***
CON EDISON EPA ID:: NYP004778296	95-08 150TH ST	0 - 1/8 (0.000 mi.)	B15	10
CON EDISON SERVICE B EPA ID:: NYP004452074	***95-34 150TH ST FRONT***	***E 0 - 1/8 (0.012 mi.)***	***B39***	***15***
CON EDISON EPA ID:: NYP004778288	95-34 150TH ST	E 0 - 1/8 (0.012 mi.)	B41	15
CON EDISON EPA ID:: NYP004487641	95-24 150TH ST FRONT	ENE 0 - 1/8 (0.013 mi.)	B43	16
CON EDISON SERVICE B EPA ID:: NYP004381000	***97-08 150TH ST FRONT***	***ESE 0 - 1/8 (0.023 mi.)***	***C62***	***19***
MERIT LIBERTY EPA ID:: NYD982185431	***148 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C75***	***22***
GREEN ENERGY RECYCLI EPA ID:: NYR000177402	94-15 150TH ST	NNE 0 - 1/8 (0.044 mi.)	I93	26
GLOBE PLATING CO INC	***148-19 LIBERTY AVE***	***SSE 0 - 1/8 (0.044 mi.)***	***H94***	***26***

EPA ID:: NYD042039420				
CON EDISON MANHOLE: EPA ID:: NYP004539177	***LIBERTY AVE & 150TH***	***ESE 0 - 1/8 (0.045 mi.)***	***C100***	***28***
CON EDISON EPA ID:: NYP004486155	150-19 LIBERTY AVE F	E 0 - 1/8 (0.059 mi.)	J115	31
CON EDISON EPA ID:: NYP004817243	***104-03 150TH AVE***	***ESE 0 - 1/8 (0.062 mi.)***	***K120***	***32***
NEW YORK TELEPHONE C EPA ID:: NYD987030749	***95-40 TUCKERTON ST***	***ENE 0 - 1/8 (0.083 mi.)***	***O164***	***41***
CON EDISON EPA ID:: NYP004816995	104-15 148TH ST	SSE 0 - 1/8 (0.097 mi.)	R200	49
NYC DEP EPA ID:: NYP003663069	***95-41 TUCKERTON ST***	***ENE 0 - 1/8 (0.108 mi.)***	***O213***	***51***
GREENPEACE KLEEN INC EPA ID:: NYR000132944	157-12 BEAVER RD	NE 0 - 1/8 (0.125 mi.)	S261	61
SAFEGUARD LIBERTY LL EPA ID:: NYR000157859	***156-01 LIBERTY AVE***	***E 1/8 - 1/4 (0.151 mi.)***	***U296***	***69***
CON EDISON MANHOLE: EPA ID:: NYP004550307	***SUTPHIN BLVD & 105TH***	***S 1/8 - 1/4 (0.162 mi.)***	***AF310***	***72***
TUSCAN DAIRY GARAGE EPA ID:: NYD986948073	155-25 STYLER RD	ESE 1/8 - 1/4 (0.162 mi.)	AG312	72
CON EDISON EPA ID:: NYP004806675	***SOUTH RD & 155TH ST***	***ESE 1/8 - 1/4 (0.223 mi.)***	***AQ385***	***89***
CON EDISON EPA ID:: NYP004795910	150TH ST & SOUTH RD	SE 1/8 - 1/4 (0.227 mi.)	AT403	93
MIDLAND CARTING INC EPA ID:: NYR000198580	147-11 SOUTH RD	SSE 1/8 - 1/4 (0.235 mi.)	AT410	95

NY DRYCLEANERS: A review of the NY DRYCLEANERS list, as provided by EDR, and dated 11/05/2018 has revealed that there is 1 NY DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HWC DRY/C&G CLEANERS Facility Id: 2-6307-01256	95-19 SUTPHIN BLVD.	WSW 0 - 1/8 (0.084 mi.)	G172	43

NY E DESIGNATION: A review of the NY E DESIGNATION list, as provided by EDR, and dated 02/28/2019 has revealed that there are 101 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 11,TAXBLOCK 1002	95-11 148 STREET	0 - 1/8 (0.000 mi.)	A8	9
LOT 10,TAXBLOCK 1002	147-44 95 AVENUE	W 0 - 1/8 (0.012 mi.)	A36	14
LOT 42,TAXBLOCK 1000	148-07 95 AVENUE	NNW 0 - 1/8 (0.017 mi.)	E58	18
LOT 7,TAXBLOCK 10028	147-40 95 AVENUE	W 0 - 1/8 (0.019 mi.)	A61	19
LOT 4,TAXBLOCK 10028	147-36 95 AVENUE	W 0 - 1/8 (0.030 mi.)	E69	21

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 1,TAXBLOCK 10000	147-16 94 AVENUE	NW 0 - 1/8 (0.031 mi.)	E73	21
LOT 2,TAXBLOCK 10028	147-30 95 AVENUE	W 0 - 1/8 (0.037 mi.)	E83	24
LOT 34,TAXBLOCK 1002	95-19 147 PLACE	WSW 0 - 1/8 (0.038 mi.)	G84	24
LOT 32,TAXBLOCK 1002	95-23 147 PLACE	SW 0 - 1/8 (0.038 mi.)	D85	24
LOT 31,TAXBLOCK 1002	95-25 147 PLACE	SW 0 - 1/8 (0.039 mi.)	D87	25
LOT 5,TAXBLOCK 10000	148-12 95 AVENUE	NNW 0 - 1/8 (0.040 mi.)	E90	25
LOT 1,TAXBLOCK 10028	95-11 147 PLACE	W 0 - 1/8 (0.044 mi.)	G97	27
LOT 13,TAXBLOCK 1003	97-18 148 STREET	S 0 - 1/8 (0.049 mi.)	D103	28
LOT 15,TAXBLOCK 1003	148 STREET	S 0 - 1/8 (0.054 mi.)	D104	28
LOT 8,TAXBLOCK 10027	147-18 95 AVENUE	W 0 - 1/8 (0.059 mi.)	G110	30
LOT 43,TAXBLOCK 1009	94-01 150 STREET	NNE 0 - 1/8 (0.059 mi.)	I111	30
LOT 16,TAXBLOCK 9998	94 AVENUE	NW 0 - 1/8 (0.063 mi.)	E121	32
LOT 7,TAXBLOCK 10031	147-16 97 AVENUE	SSW 0 - 1/8 (0.063 mi.)	D124	33
LOT 11,TAXBLOCK 1002	95-10 147 PLACE	WSW 0 - 1/8 (0.064 mi.)	G125	33
LOT 10,TAXBLOCK 1002	95-08 147 PLACE	WSW 0 - 1/8 (0.064 mi.)	G126	33
LOT 18,TAXBLOCK 1003	147-25 LIBERTY AVENU	S 0 - 1/8 (0.066 mi.)	L131	34
LOT 22,TAXBLOCK 9998	94 AVENUE	NW 0 - 1/8 (0.066 mi.)	M132	34
LOT 1,TAXBLOCK 9998	94 AVENUE	N 0 - 1/8 (0.066 mi.)	I133	34
LOT 19,TAXBLOCK 9998	147-43 94 AVENUE	NW 0 - 1/8 (0.068 mi.)	M134	35
LOT 2,TAXBLOCK 9998	148-23 94 AVENUE	NNW 0 - 1/8 (0.068 mi.)	N135	35
LOT 5,TAXBLOCK 10027	147-12 95 AVENUE	W 0 - 1/8 (0.068 mi.)	G139	36
LOT 9,TAXBLOCK 9999	147-20 94 AVENUE	WNW 0 - 1/8 (0.068 mi.)	M144	37
LOT 3,TAXBLOCK 10027	95 AVENUE	W 0 - 1/8 (0.079 mi.)	P158	40
LOT 22,TAXBLOCK 1003	147-17 LIBERTY AVENU	S 0 - 1/8 (0.083 mi.)	L170	42
LOT 36,TAXBLOCK 1002	95-07 SUTPHIN BOULEV	WSW 0 - 1/8 (0.084 mi.)	G175	44
LOT 25,TAXBLOCK 9998	147-07 94 AVENUE	WNW 0 - 1/8 (0.084 mi.)	M176	44
LOT 12,TAXBLOCK 1003	97-15 SUTPHIN BOULEV	SSW 0 - 1/8 (0.087 mi.)	L179	44
LOT 2,TAXBLOCK 10031	97-01 SUTPHIN BOULEV	SW 0 - 1/8 (0.089 mi.)	Q182	45
LOT 10,TAXBLOCK 1003	97-11 SUTPHIN BOULEV	SSW 0 - 1/8 (0.090 mi.)	L185	46
LOT 1,TAXBLOCK 9999	94-01 SUTPHIN BOULEV	W 0 - 1/8 (0.091 mi.)	P188	46
LOT 17,TAXBLOCK 1003	97-31 147 PLACE	SSW 0 - 1/8 (0.098 mi.)	L201	49
LOT 42,TAXBLOCK 9998	147-05 94 AVENUE	WNW 0 - 1/8 (0.108 mi.)	T216	52
LOT 43,TAXBLOCK 9998	93-43 SUTPHIN BOULEV	WNW 0 - 1/8 (0.108 mi.)	T218	52
LOT 14,TAXBLOCK 1002	95-26 SUTPHIN BOULEV	WSW 0 - 1/8 (0.109 mi.)	P219	52
LOT 12,TAXBLOCK 1002	95-14 SUTPHIN BOULEV	WSW 0 - 1/8 (0.109 mi.)	P220	53
LOT 27,TAXBLOCK 9993	94-20 SUTPHIN BOULEV	W 0 - 1/8 (0.110 mi.)	P221	53
LOT 23,TAXBLOCK 1002	95-38 SUTPHIN BOULEV	SW 0 - 1/8 (0.110 mi.)	Q223	53
LOT 25,TAXBLOCK 9993	94-18 SUTPHIN BOULEV	W 0 - 1/8 (0.111 mi.)	P231	55
LOT 24,TAXBLOCK 9993	94-16 SUTPHIN BOULEV	W 0 - 1/8 (0.112 mi.)	P236	56
LOT 6,TAXBLOCK 10026	95-02 SUTPHIN BOULEV	WSW 0 - 1/8 (0.112 mi.)	P239	56
LOT 47,TAXBLOCK 9998	93-45 SUTPHIN BOULEV	WNW 0 - 1/8 (0.113 mi.)	T240	56
LOT 23,TAXBLOCK 9993	94-14 SUTPHIN BOULEV	W 0 - 1/8 (0.113 mi.)	P241	57
LOT 22,TAXBLOCK 9993	94-12 SUTPHIN BOULEV	W 0 - 1/8 (0.114 mi.)	P244	57
LOT 20,TAXBLOCK 9993	94-06 SUTPHIN BOULEV	W 0 - 1/8 (0.117 mi.)	P250	59
LOT 18,TAXBLOCK 9993	94-02 SUTPHIN BOULEV	W 0 - 1/8 (0.124 mi.)	T259	61
LOT 127,TAXBLOCK 999	93-08 150 STREET	N 0 - 1/8 (0.125 mi.)	Y260	61

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 13,TAXBLOCK 1000	95-12 150 STREET	0 - 1/8 (0.000 mi.)	B5	8
LOT 10,TAXBLOCK 1000	95-08 150 STREET	0 - 1/8 (0.000 mi.)	B9	9
LOT 1,TAXBLOCK 10002	95-25 149 STREET	0 - 1/8 (0.000 mi.)	A13	10
LOT 25,TAXBLOCK 1000	95-37 148 STREET	0 - 1/8 (0.001 mi.)	A17	11
LOT 124,TAXBLOCK 100	95-39 148 STREET	0 - 1/8 (0.001 mi.)	A18	11
LOT 40,TAXBLOCK 1000	95-33 148 STREET	0 - 1/8 (0.001 mi.)	A19	11
LOT 41,TAXBLOCK 1000	95-31 148 STREET	0 - 1/8 (0.001 mi.)	A20	11

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 26,TAXBLOCK 1000	95-35 148 STREET	0 - 1/8 (0.001 mi.)	A21	11
LOT 19,TAXBLOCK 1000	95-34 149 STREET	SE 0 - 1/8 (0.002 mi.)	A22	12
LOT 29,TAXBLOCK 1000	95-25 148 STREET	SSW 0 - 1/8 (0.002 mi.)	A23	12
LOT 27,TAXBLOCK 1000	95-29 148 STREET	S 0 - 1/8 (0.002 mi.)	A24	12
LOT 15,TAXBLOCK 1000	95-20 150 STREET	ENE 0 - 1/8 (0.004 mi.)	B25	12
LOT 24,TAXBLOCK 1000	95-41 148 STREET	S 0 - 1/8 (0.004 mi.)	A26	12
LOT 5,TAXBLOCK 10002	95-02 150 STREET	NE 0 - 1/8 (0.005 mi.)	B27	12
LOT 28,TAXBLOCK 1000	95-27 148 STREET	SSW 0 - 1/8 (0.006 mi.)	A29	13
LOT 25,TAXBLOCK 1000	95-40 150 STREET	E 0 - 1/8 (0.008 mi.)	C33	14
LOT 24,TAXBLOCK 1000	95-38 150 STREET	E 0 - 1/8 (0.008 mi.)	B34	14
LOT 23,TAXBLOCK 1000	95-36 150 STREET	E 0 - 1/8 (0.011 mi.)	B35	14
LOT 122,TAXBLOCK 100	95-34 150 STREET	E 0 - 1/8 (0.012 mi.)	B38	15
LOT 22,TAXBLOCK 1000	95-32 150 STREET	E 0 - 1/8 (0.013 mi.)	B42	15
LOT 17,TAXBLOCK 1000	95-24 150 STREET	ENE 0 - 1/8 (0.013 mi.)	B44	16
LOT 21,TAXBLOCK 1000	95-30 150 STREET	E 0 - 1/8 (0.014 mi.)	B48	17
LOT 39,TAXBLOCK 1000	95 AVENUE	NNW 0 - 1/8 (0.015 mi.)	A49	17
LOT 20,TAXBLOCK 1000	95-28 150 STREET	E 0 - 1/8 (0.015 mi.)	B50	17
LOT 38,TAXBLOCK 1000	95 AVENUE	N 0 - 1/8 (0.016 mi.)	E52	17
LOT 14,TAXBLOCK 1003	149-06 97 AVENUE	ESE 0 - 1/8 (0.016 mi.)	C53	17
LOT 13,TAXBLOCK 1003	149-04 97 AVENUE	SE 0 - 1/8 (0.016 mi.)	C54	18
LOT 31,TAXBLOCK 1000	149-01 95 AVENUE	N 0 - 1/8 (0.017 mi.)	F57	18
LOT 8,TAXBLOCK 10033	148-16 97 AVENUE	SE 0 - 1/8 (0.018 mi.)	C59	19
LOT 77,TAXBLOCK 1010	150 STREET	ENE 0 - 1/8 (0.025 mi.)	B63	19
LOT 82,TAXBLOCK 1010	150-10 BEAVER ROAD	ENE 0 - 1/8 (0.030 mi.)	B70	21
LOT 84,TAXBLOCK 1010	150-14 BEAVER ROAD	ENE 0 - 1/8 (0.034 mi.)	B79	23
LOT 71,TAXBLOCK 1010	95-35 150 STREET	E 0 - 1/8 (0.035 mi.)	C81	24
LOT 73,TAXBLOCK 1010	95-33 150 STREET	E 0 - 1/8 (0.037 mi.)	B82	24
LOT 167,TAXBLOCK 101	150 STREET	ENE 0 - 1/8 (0.039 mi.)	B88	25
LOT 86,TAXBLOCK 1010	150-20 BEAVER ROAD	NE 0 - 1/8 (0.040 mi.)	B89	25
LOT 32,TAXBLOCK 1009	150-05 94 AVENUE	NE 0 - 1/8 (0.074 mi.)	I150	38
LOT 130,TAXBLOCK 101	TUCKERTON STREET	ENE 0 - 1/8 (0.075 mi.)	O151	38
LOT 142,TAXBLOCK 101	150-35 LIBERTY AVENU	E 0 - 1/8 (0.078 mi.)	J156	39
LOT 138,TAXBLOCK 101	TUCKERTON STREET	E 0 - 1/8 (0.082 mi.)	J161	40
LOT 32,TAXBLOCK 1006	104-18 150 STREET	SE 0 - 1/8 (0.090 mi.)	K183	45
LOT 107,TAXBLOCK 101	TUCKERTON STREET	NE 0 - 1/8 (0.090 mi.)	O184	45
LOT 33,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.093 mi.)	K195	48
LOT 34,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.097 mi.)	K197	48
LOT 319,TAXBLOCK 101	TUCKERTON STREET	E 0 - 1/8 (0.103 mi.)	O209	50
LOT 35,TAXBLOCK 1006	105 AVENUE	SE 0 - 1/8 (0.104 mi.)	R210	51
LOT 36,TAXBLOCK 1006	105 AVENUE	SE 0 - 1/8 (0.105 mi.)	R211	51
LOT 22,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.112 mi.)	W238	56
LOT 23,TAXBLOCK 1006	150 STREET	SE 0 - 1/8 (0.120 mi.)	W253	59
LOT 314,TAXBLOCK 101	155-11 LIBERTY AVENU	E 0 - 1/8 (0.121 mi.)	U257	60

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 92 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED EDISON EPA ID: NYP004216577	94TH AVENUE & 150TH	NNE 0 - 1/8 (0.063 mi.)	I122	32
JAMAICA 94TH AVENUE	147-20 94TH AVE	WNW 0 - 1/8 (0.068 mi.)	M141	36

EPA ID: NYR000227504				
AUTOTECH AUTO BODY R EPA ID: NY0000362483	***147-21 LIBERTY AVE***	***S 0 - 1/8 (0.072 mi.)***	***L149***	***38***
HWC DRY CLEANERS EPA ID: NYR000059741	***95-19 SUTPHIN BLVD***	***WSW 0 - 1/8 (0.084 mi.)***	***G173***	***43***
CON EDISON EPA ID: NYP004488144	97-26 147TH PL	SSW 0 - 1/8 (0.092 mi.)	L192	47
CON EDISON EPA ID: NYP004581880	FO 151-03 94 AVE	NNE 0 - 1/8 (0.095 mi.)	S196	48
CON EDISON EPA ID: NYP004708426	SUTPHON BLVD & 97 AV	SW 0 - 1/8 (0.103 mi.)	Q208	50
CON EDISON EPA ID: NYP004399515	147-05 94TH AVE	WNW 0 - 1/8 (0.108 mi.)	T214	51
CON EDISON SERVICE B EPA ID: NYP004450748	***94-12 SUTPHIN BLVD F***	***W 0 - 1/8 (0.114 mi.)***	***P245***	***57***
MTA LIRR - SUTPHIN B EPA ID: NYR000207696	***SUTPHIN BLVD & 94TH***	***W 0 - 1/8 (0.115 mi.)***	***T246***	***58***
CON EDISON EPA ID: NYP004399531	SUTPHIN BLVD & 94TH	W 0 - 1/8 (0.115 mi.)	T248	58
TRIBRO AUTO SERVICE EPA ID: NYR000077818	***93-50 SUTPHIN BLVD***	***WNW 1/8 - 1/4 (0.126 mi.)***	***T263***	***62***
AIR TRAIN STATION - EPA ID: NYR000165787	***93-40 SUTPHINE BLVD***	***WNW 1/8 - 1/4 (0.130 mi.)***	***T266***	***62***
TRI-US AUTO RADIATOR EPA ID: NYR000094227	***97-20 SUTPHIN BLVD***	***SSW 1/8 - 1/4 (0.131 mi.)***	***Z267***	***63***
CON EDISON EPA ID: NYP004400503	148-22 ARCHER AVE	NNW 1/8 - 1/4 (0.132 mi.)	Y270	63
CON EDISON EPA ID: NYP004822462	93-02 150TH ST	N 1/8 - 1/4 (0.135 mi.)	Y278	65
CON EDISON EPA ID: NYP004745451	144-99 95TH AVE	WSW 1/8 - 1/4 (0.148 mi.)	AA289	67
CON EDISON EPA ID: NYP004814717 EPA ID: NYP004517819	150TH ST & ARCHER AV	N 1/8 - 1/4 (0.148 mi.)	Y291	68
CON EDISON EPA ID: NYP004399556	147-28 ARCHER AVE	NW 1/8 - 1/4 (0.150 mi.)	AB295	69
THE CROSSING AT JAMA EPA ID: NYR000230482	147-22 ARCHER AVE	NW 1/8 - 1/4 (0.152 mi.)	AD298	69
LIRR BRIDGE 06-0-095 EPA ID: NYR000014084	***ABOVE 150TH ST BETWE***	***N 1/8 - 1/4 (0.153 mi.)***	***Y302***	***70***
CON EDISON EPA ID: NYP004551107	144-06 94TH AVE	W 1/8 - 1/4 (0.158 mi.)	AA303	70
CON EDISON EPA ID: NYP004396784	147-12 ARCHER AVE &	NW 1/8 - 1/4 (0.161 mi.)	AD306	71
CON EDISON EPA ID: NYP004815045	151-61 N ARCHER AVE	N 1/8 - 1/4 (0.161 mi.)	AE307	71
EBY ELECTRO INC	***148-05 ARCHER AVE***	***NNW 1/8 - 1/4 (0.164 mi.)***	***AB316***	***73***

EPA ID: NYD001529247				
CON EDISON EPA ID: NYP004487666	92-12 150TH ST FRONT	N 1/8 - 1/4 (0.167 mi.)	Y319	74
CON EDISON EPA ID: NYP004776001	93-10 SUTPHIN BLVD	WNW 1/8 - 1/4 (0.172 mi.)	AI325	75
LIRR JAMAICA STATION EPA ID: NYR000104992	***9302 SUTPHIN BOULEVA***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI327***	***76***
V-M AUTO COLLISION W EPA ID: NYD981874456	***105-06 SUTPHIN BLVD***	***S 1/8 - 1/4 (0.183 mi.)***	***AF334***	***77***
CON EDISON EPA ID: NYP004526745	149-02 JAMAICA AVE	NNW 1/8 - 1/4 (0.188 mi.)	AK336	78
E & M AUTO BODY EPA ID: NYD982272593	***92-21 147TH PL***	***NW 1/8 - 1/4 (0.188 mi.)***	***AD338***	***78***
CON EDISON EPA ID: NYP004700019	92-19 147 PL	NW 1/8 - 1/4 (0.189 mi.)	AD339	79
CON ED EPA ID: NYP004828606	144-27 94TH AVE	W 1/8 - 1/4 (0.189 mi.)	AL340	79
CON EDISON - SERVICE EPA ID: NYP004400495	***153 ST AND ARCHER AV***	***NNE 1/8 - 1/4 (0.190 mi.)***	***347***	***80***
MTA NYCT - SUTPHIN B EPA ID: NYR000022756	***SUTPHIN BLVD & ARCHE***	***NW 1/8 - 1/4 (0.192 mi.)***	***AI348***	***80***
CON EDISON EPA ID: NYP004483442	ARCHER AVE & SUTPHIN	NW 1/8 - 1/4 (0.192 mi.)	AI349	81
CON EDISON EPA ID: NYP004399523	SUTPHIN BLVD & ARCHE	NW 1/8 - 1/4 (0.192 mi.)	AI350	81
NEW YORK CITY POLICE EPA ID: NYR000086314	***150-14 JAMAICA AVE***	***N 1/8 - 1/4 (0.192 mi.)***	***AM353***	***81***
CON EDISON EPA ID: NYP004569927	95TH AVE & LIVERPOOL	WSW 1/8 - 1/4 (0.193 mi.)	AN355	82
CON ED EPA ID: NYP004854093	90-79 SUTPHIN BLVD	NW 1/8 - 1/4 (0.196 mi.)	AD358	83
CON EDISON EPA ID: NYP004400511	90-83 SUTPHIN BLVD	NW 1/8 - 1/4 (0.198 mi.)	AI361	83
CON EDISON EPA ID: NYP004526752	149TH ST & JAMAICA A	NNW 1/8 - 1/4 (0.199 mi.)	AK363	84
CON EDISON EPA ID: NYP004745642	94TH AVE & LIVERPOOL	W 1/8 - 1/4 (0.202 mi.)	AL364	84
CON EDISON EPA ID: NYP004526729	149-23 JAMAICA AVE F	N 1/8 - 1/4 (0.206 mi.)	AK368	85
CON EDISON SERVICE B EPA ID: NYP004384731	***94-08 LIVERPOOL ST F***	***W 1/8 - 1/4 (0.207 mi.)***	***AL371***	***86***
CON EDISON EPA ID: NYP004526737	149-13 JAMAICA AVE F	NNW 1/8 - 1/4 (0.207 mi.)	AK372	86
CON EDISON SERVICE B EPA ID: NYP004396792	***146-17 ARCHER AVE FR***	***NW 1/8 - 1/4 (0.214 mi.)***	***AI375***	***87***
CON EDISON - MANHOLE	149-01 JAMAICA AVE	NNW 1/8 - 1/4 (0.216 mi.)	AK376	87

EPA ID: NYP004955751				
CON EDISON EPA ID: NYP004485058	147-20 JAMAICA AVE F	NW 1/8 - 1/4 (0.219 mi.)	AP383	89
CON ED EPA ID: NYP004853780	147-20 JAMAICA AVE	NW 1/8 - 1/4 (0.219 mi.)	AP384	89
CON EDISON EPA ID: NYP004399507	91-04 SUTPHIN BLVD	NW 1/8 - 1/4 (0.224 mi.)	AR389	90
CON EDISON - MANHOLE EPA ID: NYP004981062	147 ST & JAMAICA AVE	NW 1/8 - 1/4 (0.225 mi.)	AP390	90
CON EDISON MANHOLE: EPA ID: NYP004387254	***101ST AVE & LIVERPOO***	***SSW 1/8 - 1/4 (0.225 mi.)***	***AS391***	***90***
CON EDISON EPA ID: NYP004522264	152-27 JAMAICA AVE S	NNE 1/8 - 1/4 (0.226 mi.)	AO394	91
CON EDISON SERVICE B EPA ID: NYP004460754	***148-05 JAMAICA AVE F***	***NNW 1/8 - 1/4 (0.226 mi.)***	***AP399***	***92***
CON EDISON SERVICE B EPA ID: NYP004389656	***143-22 94TH AVE FRON***	***W 1/8 - 1/4 (0.228 mi.)***	***AL406***	***94***
CON EDISON SERVICE B EPA ID: NYP004460762	***147-10 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.229 mi.)***	***AP407***	***94***
CON EDISON SERVICE B EPA ID: NYP004460770	***147-08 JAMAICA AVE F***	***NW 1/8 - 1/4 (0.232 mi.)***	***AP408***	***94***
CON EDISON EPA ID: NYP004332409	JAMAICA AVE & 153RD	NNE 1/8 - 1/4 (0.235 mi.)	AO409	94
CON EDISON SERVICE B EPA ID: NYP004385118	***143-41 101ST AVE FRO***	***SW 1/8 - 1/4 (0.237 mi.)***	***AS414***	***95***
CON ED EPA ID: NYP004834418	153-05 JAMAICA AVE	NNE 1/8 - 1/4 (0.245 mi.)	AO420	97
NYC DEPT OF EDUCATIO EPA ID: NYR000011221	***90-36 150TH ST***	***N 1/8 - 1/4 (0.247 mi.)***	***AW424***	***97***
MTA LIRR ARCHER AVEN EPA ID: NYR000213447	144-15 ARCHER AVE	WNW 1/8 - 1/4 (0.249 mi.)	AU426	98
CON EDISON EPA ID: NYP004592234	OPP 144-15 ARCHER AV	WNW 1/8 - 1/4 (0.249 mi.)	AU427	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004778296	95-08 150TH ST	0 - 1/8 (0.000 mi.)	B10	9
CON EDISON EPA ID: NYP004487658	95-10 150TH ST FRONT	0 - 1/8 (0.000 mi.)	B14	10
ABBOTT INDUSTRIES EPA ID: NYD002031870	95-25 149 STREET	0 - 1/8 (0.000 mi.)	A16	11
CON EDISON EPA ID: NYP004778288	95-34 150TH ST	E 0 - 1/8 (0.012 mi.)	B37	14
CON EDISON SERVICE B EPA ID: NYP004452074	***95-34 150TH ST FRONT***	***E 0 - 1/8 (0.012 mi.)***	***B39***	***15***
CON EDISON	95-24 150TH ST FRONT	ENE 0 - 1/8 (0.013 mi.)	B45	16

EPA ID: NYP004487641				
CON EDISON SERVICE B EPA ID: NYP004381000	***97-08 150TH ST FRONT***	***ESE 0 - 1/8 (0.023 mi.)***	***C62***	***19***
QUEENS INDUSTRIAL EL EPA ID: NYD012420261	***94-12 150TH ST***	***NNE 0 - 1/8 (0.029 mi.)***	***B68***	***20***
CON EDISON EPA ID: NYP004401519	F/O 148-95 LIBERTY A	ESE 0 - 1/8 (0.032 mi.)	C74	22
MERIT LIBERTY EPA ID: NYD982185431	***148 LIBERTY AVE***	***SE 0 - 1/8 (0.034 mi.)***	***C75***	***22***
GLOBE PLATING CO INC EPA ID: NYD042039420	***148-19 LIBERTY AVE***	***SSE 0 - 1/8 (0.044 mi.)***	***H94***	***26***
CON EDISON EPA ID: NYP004486155	150-19 LIBERTY AVE F	E 0 - 1/8 (0.059 mi.)	J113	30
CON ED EPA ID: NYP004817243	104-03 150TH AVE	ESE 0 - 1/8 (0.062 mi.)	K118	31
NYNEX EPA ID: NYP000917526	148TH ST /LIBERTY AV	SSE 0 - 1/8 (0.076 mi.)	L154	39
NEW YORK TELEPHONE C EPA ID: NYD987030749	***95-40 TUCKERTON ST***	***ENE 0 - 1/8 (0.083 mi.)***	***O164***	***41***
CON ED EPA ID: NYP004816995	104-15 148TH ST	SSE 0 - 1/8 (0.097 mi.)	R198	48
NYNEX EPA ID: NYP000916361	LIBERTY AVE & TUCKER	E 0 - 1/8 (0.101 mi.)	J205	50
NYC DEP EPA ID: NYP003663069	***95-41 TUCKERTON ST***	***ENE 0 - 1/8 (0.108 mi.)***	***O213***	***51***
CON ED EPA ID: NYP004854820	104-04 148TH ST	SSE 0 - 1/8 (0.117 mi.)	R251	59
SAFEGUARD LIBERTY LL EPA ID: NYR000157859	***156-01 LIBERTY AVE***	***E 1/8 - 1/4 (0.151 mi.)***	***U296***	***69***
CON EDISON EPA ID: NYP004550307	SUTPHIN BLVD & 105TH	S 1/8 - 1/4 (0.162 mi.)	AF311	72
CON EDISON EPA ID: NYP004631776	STYLER RD & TUCKERTO	SE 1/8 - 1/4 (0.177 mi.)	330	77
CON EDISON EPA ID: NYP004384111	106-04 150 ST	SE 1/8 - 1/4 (0.181 mi.)	AH332	77
CON EDISON EPA ID: NYP004685863	105-24 156 ST FRNT	ESE 1/8 - 1/4 (0.190 mi.)	AG346	80
DEPARTMENT OF HOMELA EPA ID: NYR000103002	158-15 LIBERTY AVE	ENE 1/8 - 1/4 (0.218 mi.)	AJ379	88
FDA - QUEENS EPA ID: NYR000085233	***158-15 LIBERTY AVENU***	***ENE 1/8 - 1/4 (0.218 mi.)***	***AJ380***	***88***
CON EDISON EPA ID: NYP004795910	150TH ST & SOUTH RD	SE 1/8 - 1/4 (0.227 mi.)	AT404	93
CON ED EPA ID: NYP004853988	147-29 SOUTH ROAD	SSE 1/8 - 1/4 (0.236 mi.)	AT412	95

EXECUTIVE SUMMARY

NJ MANIFEST: A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 22 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MTA LIRR - SUTPHIN B EPA Id: NYR000207696	SUTPHIN BLVD & 94TH	W 0 - 1/8 (0.115 mi.)	T247	58
CON EDISON EPA Id: NYP004822462	93-02 150TH ST	N 1/8 - 1/4 (0.135 mi.)	Y277	65
CON EDISON EPA Id: NYP004745451	144-99 95TH AVE	WSW 1/8 - 1/4 (0.148 mi.)	AA287	67
CON EDISON EPA Id: NYP004814717	150TH ST & ARCHER AV	N 1/8 - 1/4 (0.148 mi.)	Y293	68
CON EDISON EPA Id: NYP004815045	151-61 N ARCHER AVE	N 1/8 - 1/4 (0.161 mi.)	AE308	71
CON EDISON EPA Id: NYP004776001	93-10 SUTPHIN BLVD	WNW 1/8 - 1/4 (0.172 mi.)	AI324	75
LIRR JAMAICA STATION EPA Id: NYR000104992	***9302 SUTPHIN BOULEVA***	***WNW 1/8 - 1/4 (0.173 mi.)***	***AI327***	***76***
CON EDISON EPA Id: NYP004828606	144-27 94TH AVE	W 1/8 - 1/4 (0.189 mi.)	AL341	79
NEW YORK CITY POLICE EPA Id: NYR000086314	***150-14 JAMAICA AVE***	***N 1/8 - 1/4 (0.192 mi.)***	***AM353***	***81***
CON EDISON - SERVICE EPA Id: NYP004854093	90-79 SUTPHIN BLVD	NW 1/8 - 1/4 (0.196 mi.)	AD359	83
CON EDISON EPA Id: NYP004745642	94TH AVE & LIVERPOOL	W 1/8 - 1/4 (0.202 mi.)	AL365	84
CON EDISON SERVICE B EPA Id: NYP004460754	148-05 JAMAICA AVE F	NNW 1/8 - 1/4 (0.226 mi.)	AP400	92
CON EDISON EPA Id: NYP004834418	153-05 JAMAICA AVE	NNE 1/8 - 1/4 (0.245 mi.)	AO419	96
MTA LIRR ARCHER AVEN EPA Id: NYR000213447	144-15 ARCHER AVE	WNW 1/8 - 1/4 (0.249 mi.)	AU428	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA Id: NYP004778296	95-08 150TH ST	0 - 1/8 (0.000 mi.)	B11	10
CON EDISON EPA Id: NYP004778288	95-34 150TH ST	E 0 - 1/8 (0.012 mi.)	B40	15
QUEENS INDUSTRIAL EL EPA Id: NYD012420261	94-12 150TH STREET	NNE 0 - 1/8 (0.029 mi.)	B67	20
CON EDISON EPA Id: NYP004817243	104-03 150TH AVE	ESE 0 - 1/8 (0.062 mi.)	K119	32
CON EDISON EPA Id: NYP004816995	104-15 148TH ST	SSE 0 - 1/8 (0.097 mi.)	R199	48
FDA - QUEENS EPA Id: NYR000085233	158-15 LIBERTY AVE	ENE 1/8 - 1/4 (0.218 mi.)	AJ377	87
CON EDISON	SOUTH RD & 155TH ST	ESE 1/8 - 1/4 (0.223 mi.)	AQ386	89

EPA Id: NYP004806675				
CON EDISON EPA Id: NYP004795910	150TH ST & SOUTH RD	SE 1/8 - 1/4 (0.227 mi.)	AT402	93

PA MANIFEST: A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CJ PLAZA ONE LLC Generator EPA Id: NYR000230482	147-22 ARCHER AVE	NW 1/8 - 1/4 (0.152 mi.)	AD299	70

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABBOTT INDUSTRIES IN Generator EPA Id: NYD002031870	9525 149TH ST	0 - 1/8 (0.000 mi.)	A4	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMAICA GAS AND LIGH	BEAVER RD., AND 158T	NE 1/8 - 1/4 (0.175 mi.)	AC329	76

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIBERTY SUTPHIN SERV	97-44 SUTPHIN AVE	SSW 0 - 1/8 (0.111 mi.)	Q235	56

Lower Elevation	Address	Direction / Distance	Map ID	Page
MC MANUS BROS SERVIC	150-05 LIBERTY AVE	ESE 0 - 1/8 (0.039 mi.)	C86	24
JAMAICA RADIATOR	15019 LIBERTY AVE	E 0 - 1/8 (0.059 mi.)	J114	31
WELBUILT TRANSMISSIO	150-14 LIBERTY AVE	ESE 0 - 1/8 (0.070 mi.)	J146	37

EXECUTIVE SUMMARY

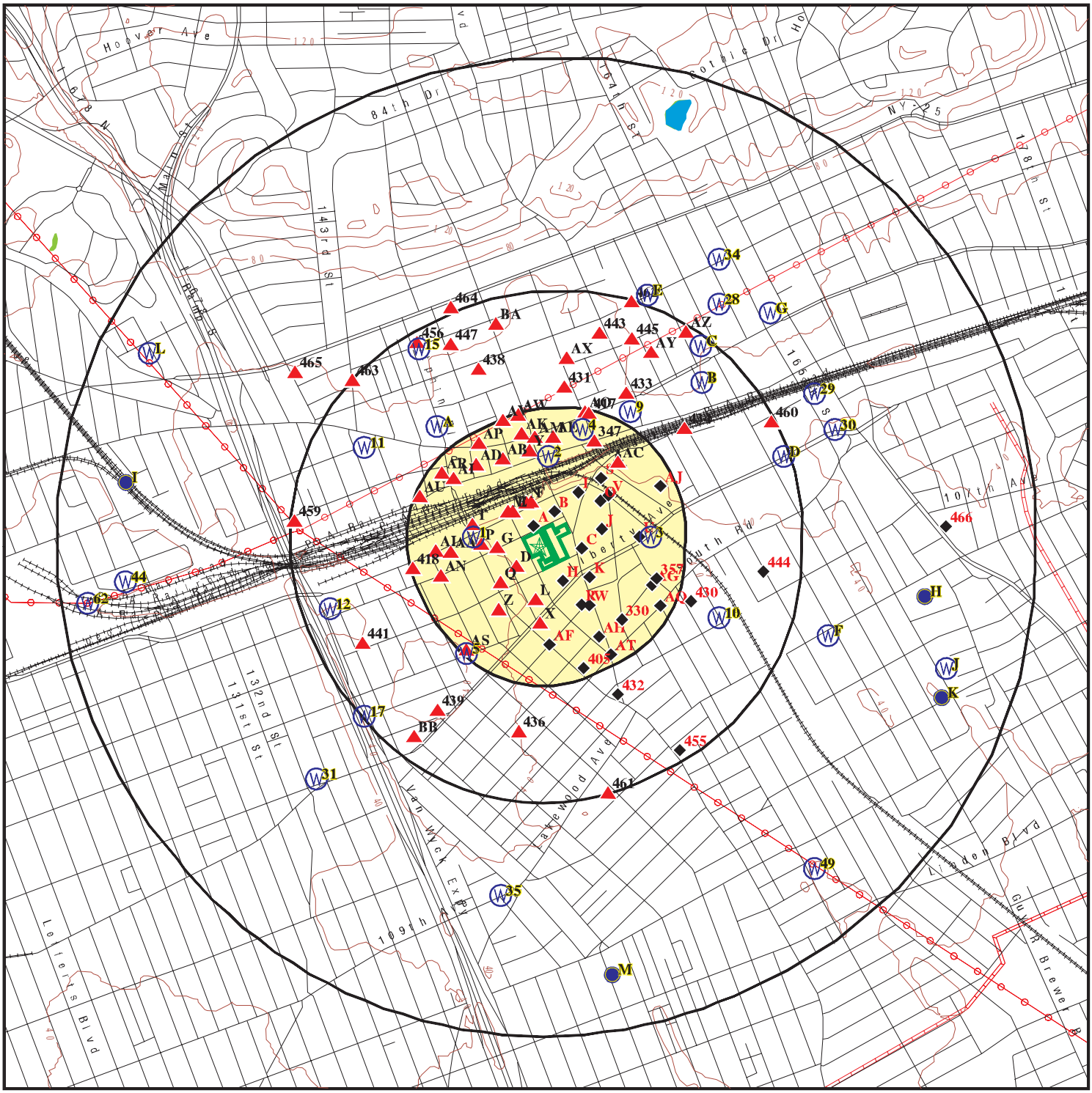
EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURRELL CLEANERS	9519 SUTPHIN BLV	WSW 0 - 1/8 (0.084 mi.)	G174	43

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
QUEENS	S113922096	JAMAICA HOLDER STATION	158TH ST. & LIBERTY AVE	11451	NY VCP
QUEENS	S106122264	CEDAR MANOR A08 (LIRR)	158TH STREET AND TRACKS	11418	NY SHWS, NY VCP

OVERVIEW MAP - 5857935.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 95-04 149th Street, Queens, NY 11435 ADDRESS: 95-04 149th Street Jamaica NY 11435 LAT/LONG: 40.698633 / 73.804112	CLIENT: PVE, LLC. CONTACT: Tara Alvarado INQUIRY #: 5857935.2s DATE: November 05, 2019 4:15 pm

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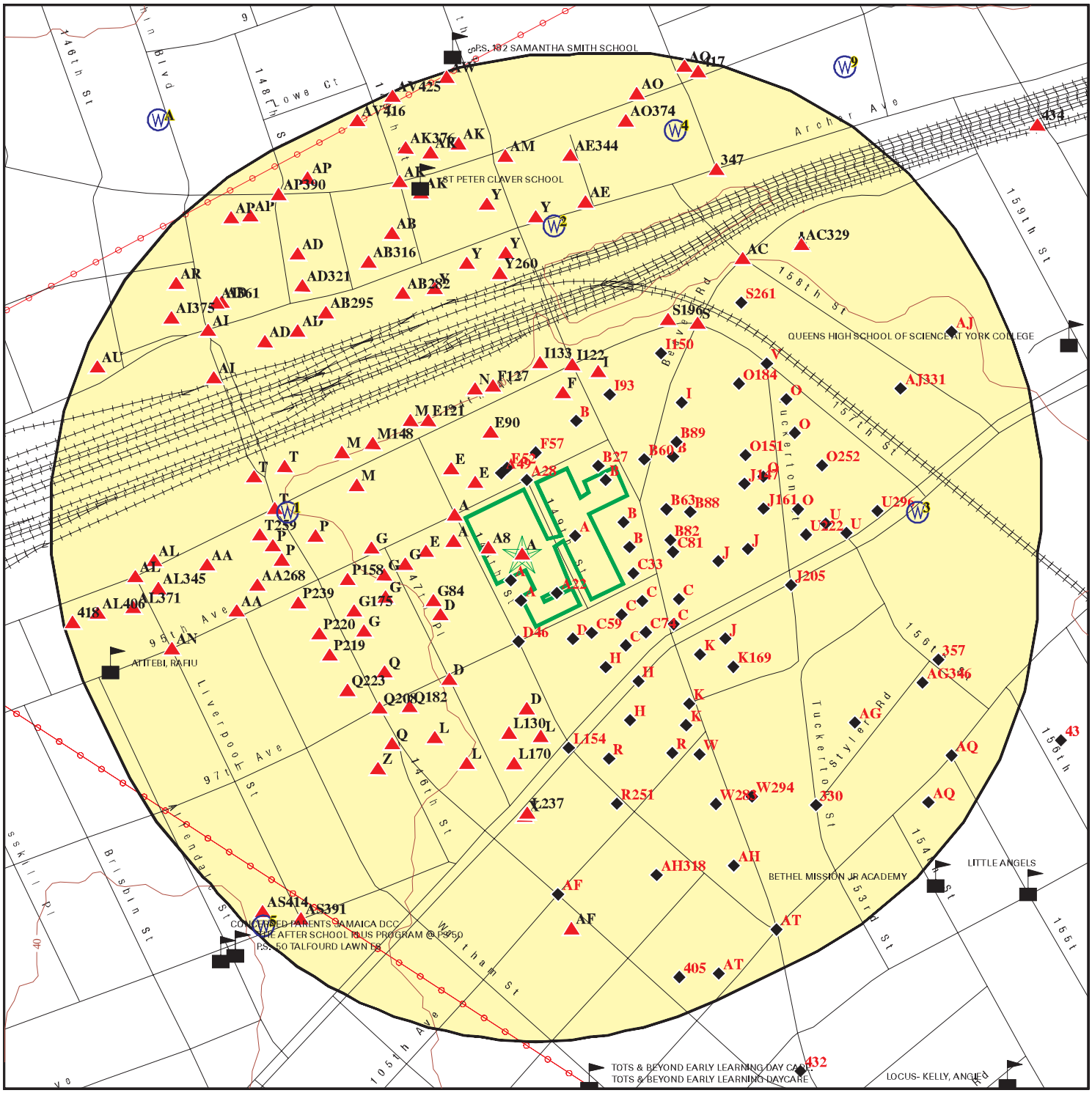
DETAIL MAP - 5857935.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines

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

SITE NAME: 95-04 149th Street, Queens, NY 11435	CLIENT: PVE, LLC.
ADDRESS: 95-04 149th Street	CONTACT: Tara Alvarado
Jamaica NY 11435	INQUIRY #: 5857935.2s
LAT/LONG: 40.698633 / 73.804112	DATE: November 05, 2019 4:15 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	9	NR	NR	NR	10
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-VSQG	0.250		3	2	NR	NR	NR	5
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	2	0	3	NR	5
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		9	2	1	NR	NR	12
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500	1	10	4	29	NR	NR	44
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250	1	12	13	NR	NR	NR	26
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		3	1	NR	NR	NR	4
NY AST	0.250		19	22	NR	NR	NR	41
NY CBS AST	0.250		1	1	NR	NR	NR	2
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	1	NR	NR	NR	1
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		5	5	4	NR	NR	14
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		2	2	1	NR	NR	5
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		1	6	0	NR	NR	7
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		44	NR	NR	NR	NR	44
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		2	NR	NR	NR	NR	2
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		24	44	NR	NR	NR	68
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY E DESIGNATION	0.125	1	101	NR	NR	NR	NR	102

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		30	62	NR	NR	NR	92
NJ MANIFEST	0.250		6	16	NR	NR	NR	22
PA MANIFEST	0.250		1	1	NR	NR	NR	2
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	1	0	0	NR	1
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		3	280	197	35	3	0	518

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
Actual: 38 ft.

LOT 1,TAXBLOCK 10001
95-04 149 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983142**
N/A

Click here for full text details

A2
Target Property
Actual: 38 ft.

ABBOTT INDUSTRIES INC
95-04 149TH STREET
JAMAICA, NY 11435

NY UST **U000402354**
N/A

Click here for full text details

A3
Target Property
Actual: 38 ft.

95-04 149 ST
95-04 149 ST
NEW YORK CITY, NY

NY LTANKS **S100145187**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8804089 / 1992-09-30
Site ID 281330
Spill Date 1988-08-09

A4
< 1/8
1 ft.
Relative: Lower

ABBOTT INDUSTRIES INC
9525 149TH ST
JAMAICA, NY 11435

PA MANIFEST **S118068441**
N/A

Click here for full text details

PA MANIFEST
Generator EPA Id NYD002031870

B5
< 1/8
1 ft.
Relative: Lower

LOT 13,TAXBLOCK 10002
95-12 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983272**
N/A

Click here for full text details

A6 **ABBOTT INDUSTRIES INC** **NY AST** **U003389731**
95-25 149TH ST **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Relative: Lower

Click here for full text details

NY AST
Facility Id 2-249963

A7 **ABBOTT INDUSTRIES INC** **RCRA-VSQG** **1000343132**
95-25 149TH ST **US AIRS** **NYD002031870**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Relative: Lower

Click here for full text details

RCRA-VSQG
EPA Id NYD002031870

US AIRS
EPA plant ID: 110000323631

A8 **LOT 11,TAXBLOCK 10028** **NY E DESIGNATION** **S108983224**
95-11 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
1 ft.

Relative: Higher

Click here for full text details

B9 **LOT 10,TAXBLOCK 10002** **NY E DESIGNATION** **S108983193**
95-08 150 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
1 ft.

Relative: Lower

Click here for full text details

B10 **CON EDISON** **NY MANIFEST** **S119075065**
95-08 150TH ST **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Relative: Lower

Click here for full text details

NY MANIFEST
EPA ID NYP004778296

B11
< 1/8
1 ft.

CON EDISON
95-08 150TH ST
JAMAICA, NY 11435

NJ MANIFEST

S120671395
N/A

Relative:
Lower

Click here for full text details

NJ MANIFEST
EPA Id NYP004778296

B12
< 1/8
1 ft.

CON EDISON SERVICE BOX: 21085
95-10 150TH ST FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS

1017771820
NYP004487658

Relative:
Lower

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004487658

FINDS
Registry ID: 110063799313

A13
< 1/8
1 ft.

LOT 1,TAXBLOCK 10002
95-25 149 STREET
QUEENS, NY 11435

NY E DESIGNATION

S108983143
N/A

Relative:
Lower

Click here for full text details

B14
< 1/8
1 ft.

CON EDISON
95-10 150TH ST FRONT OF
JAMAICA, NY 11435

NY MANIFEST

S118086952
N/A

Relative:
Lower

Click here for full text details

NY MANIFEST
EPA ID NYP004487658

B15
< 1/8
1 ft.

CON EDISON
95-08 150TH ST
JAMAICA, NY 11435

RCRA NonGen / NLR

1019902826
NYP004778296

Relative:
Lower

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004778296

A16 **ABBOTT INDUSTRIES** **NY MANIFEST** **S119070933**
95-25 149 STREET **N/A**
< 1/8 **JAMAICA, NY 11435**
1 ft.

Relative: Click here for full text details
Lower

NY MANIFEST
EPA ID NYD002031870

A17 **LOT 25,TAXBLOCK 10001** **NY E DESIGNATION** **S108983470**
95-37 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
3 ft.

Relative: Click here for full text details
Lower

A18 **LOT 124,TAXBLOCK 10001** **NY E DESIGNATION** **S108983268**
95-39 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft.

Relative: Click here for full text details
Lower

A19 **LOT 40,TAXBLOCK 10001** **NY E DESIGNATION** **S108983640**
95-33 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft.

Relative: Click here for full text details
Lower

A20 **LOT 41,TAXBLOCK 10001** **NY E DESIGNATION** **S108983643**
95-31 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft.

Relative: Click here for full text details
Lower

A21 **LOT 26,TAXBLOCK 10001** **NY E DESIGNATION** **S108983493**
95-35 148 STREET **N/A**
< 1/8 **QUEENS, NY 11435**
0.001 mi.
4 ft.

Relative: Click here for full text details
Lower

A22
SE
< 1/8
0.002 mi.
8 ft.

Relative:
Lower

LOT 19,TAXBLOCK 10001
95-34 149 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983377
N/A

A23
SSW
< 1/8
0.002 mi.
8 ft.

Relative:
Lower

LOT 29,TAXBLOCK 10001
95-25 148 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983530
N/A

A24
South
< 1/8
0.002 mi.
10 ft.

Relative:
Lower

LOT 27,TAXBLOCK 10001
95-29 148 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983509
N/A

B25
ENE
< 1/8
0.004 mi.
19 ft.

Relative:
Lower

LOT 15,TAXBLOCK 10002
95-20 150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983311
N/A

A26
South
< 1/8
0.004 mi.
21 ft.

Relative:
Lower

LOT 24,TAXBLOCK 10001
95-41 148 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983460
N/A

B27
NE
< 1/8
0.005 mi.
25 ft.

Relative:
Lower

LOT 5,TAXBLOCK 10002
95-02 150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983695
N/A

A28
North
< 1/8
0.006 mi.
32 ft.

Relative:
Lower

NOT FOUND
95TH AVE/149 ST
QUEENS, NY

Database(s): **NY Spills**
EDR ID Number: **S108057886**
EPA ID Number: **N/A**

Click here for full text details

NY Spills
Spill Number/Closed Date 0603449 / 2006-08-28
Site ID 366179
Spill Date 2006-06-28

A29
SSW
< 1/8
0.006 mi.
33 ft.

Relative:
Lower

LOT 28,TAXBLOCK 10001
95-27 148 STREET
QUEENS, NY 11435

Database(s): **NY E DESIGNATION**
EDR ID Number: **S108983519**
EPA ID Number: **N/A**

Click here for full text details

A30
WNW
< 1/8
0.007 mi.
35 ft.

Relative:
Higher

SPILL NUMBER 9814213
148TH ST & 95TH AV
NEW YORK, NY

Database(s): **NY Spills**
EDR ID Number: **S104648622**
EPA ID Number: **N/A**

Click here for full text details

NY Spills
Spill Number/Closed Date 9814213 / 2003-07-07
Site ID 258592
Spill Date 1999-02-25

A31
WNW
< 1/8
0.007 mi.
35 ft.

Relative:
Higher

SPILL NUMBER 9914434
95TH AVE & 148TH ST
JAMAICA, QUEENS, NY

Database(s): **NY Spills**
EDR ID Number: **S104650475**
EPA ID Number: **N/A**

Click here for full text details

NY Spills
Spill Number/Closed Date 9914434 / 2003-02-14
Site ID 247558
Spill Date 2000-03-22

A32
WNW
< 1/8
0.007 mi.
36 ft.

Relative:
Higher

VAULT #6898
148TH ST & 95TH AV
QUEENS, NY

Database(s): **NY Spills**
EDR ID Number: **S104650435**
EPA ID Number: **N/A**

Click here for full text details

NY Spills
Spill Number/Closed Date 9914065 / 2000-03-16
Spill Number/Closed Date 0306405 / 2003-10-27
Site ID 145781

VAULT #6898 (Continued) **S104650435**

Site ID 258591
Spill Date 2000-03-13
Spill Date 2003-09-17

C33
East
< 1/8
0.008 mi.
42 ft.

Relative:
Lower

LOT 25,TAXBLOCK 10002
95-40 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983471**
N/A

Click here for full text details

B34
East
< 1/8
0.008 mi.
44 ft.

Relative:
Lower

LOT 24,TAXBLOCK 10002
95-38 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983461**
N/A

Click here for full text details

B35
East
< 1/8
0.011 mi.
59 ft.

Relative:
Lower

LOT 23,TAXBLOCK 10002
95-36 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983443**
N/A

Click here for full text details

A36
West
< 1/8
0.012 mi.
64 ft.

Relative:
Higher

LOT 10,TAXBLOCK 10028
147-44 95 AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983195**
N/A

Click here for full text details

B37
East
< 1/8
0.012 mi.
64 ft.

Relative:
Lower

CON EDISON
95-34 150TH ST
JAMAICA, NY 11435

NY MANIFEST **S119075064**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004778288

B38
East
< 1/8
0.012 mi.
64 ft.

Relative:
Lower

LOT 122,TAXBLOCK 10002
95-34 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983266**
N/A

Click here for full text details

B39
East
< 1/8
0.012 mi.
64 ft.

Relative:
Lower

CON EDISON SERVICE BOX: 11198
95-34 150TH ST FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR **1016971466**
NY MANIFEST **NYP004452074**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004452074

NY MANIFEST
EPA ID NYP004452074

B40
East
< 1/8
0.012 mi.
64 ft.

Relative:
Lower

CON EDISON
95-34 150TH ST
JAMAICA, NY 11435

NJ MANIFEST **S120671394**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004778288

B41
East
< 1/8
0.012 mi.
64 ft.

Relative:
Lower

CON EDISON
95-34 150TH ST
JAMAICA, NY 11435

RCRA NonGen / NLR **1019902825**
NYP004778288

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004778288

B42
East
< 1/8
0.013 mi.
68 ft.

Relative:
Lower

LOT 22,TAXBLOCK 10002
95-32 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983431**
N/A

Click here for full text details

B43
ENE
< 1/8
0.013 mi.
71 ft.

Relative:
Lower

CON EDISON
95-24 150TH ST FRONT OF
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004487641

RCRA NonGen / NLR **1017771819**
NYP004487641

B44
ENE
< 1/8
0.013 mi.
71 ft.

Relative:
Lower

LOT 17,TAXBLOCK 10002
95-24 150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983347**
N/A

B45
ENE
< 1/8
0.013 mi.
71 ft.

Relative:
Lower

CON EDISON
95-24 150TH ST FRONT OF
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004487641

NY MANIFEST **S118086951**
N/A

D46
South
< 1/8
0.013 mi.
71 ft.

Relative:
Lower

DRUM RUN
97TH AVE AND 148TH ST
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1507075 / 2015-10-16
Site ID 514531
Spill Date 2015-10-05

NY Spills **S118262214**
N/A

E47
NW
< 1/8
0.014 mi.
73 ft.

Relative:
Higher

DRUM RUN
148-01 95TH AVE
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1502854 / 2015-06-19
Site ID 509136
Spill Date 2015-06-15

NY Spills **S117974429**
N/A

B48
East
< 1/8
0.014 mi.
73 ft.

Relative:
Lower

LOT 21,TAXBLOCK 10002
95-30 150 STREET
QUEENS, NY 11435

NY E DESIGNATION

S108983418
N/A

Click here for full text details

A49
NNW
< 1/8
0.015 mi.
78 ft.

Relative:
Lower

LOT 39,TAXBLOCK 10000
95 AVENUE
QUEENS, NY 11435

NY E DESIGNATION

S108983622
N/A

Click here for full text details

B50
East
< 1/8
0.015 mi.
79 ft.

Relative:
Lower

LOT 20,TAXBLOCK 10002
95-28 150 STREET
QUEENS, NY 11435

NY E DESIGNATION

S108983400
N/A

Click here for full text details

C51
ESE
< 1/8
0.015 mi.
80 ft.

Relative:
Lower

ABBOTT INDUSTRIES INC
97-02 150TH ST
JAMAICA, NY 11435

NY AST

U003389732
N/A

Click here for full text details

NY AST
Facility Id 2-249971

E52
North
< 1/8
0.016 mi.
85 ft.

Relative:
Lower

LOT 38,TAXBLOCK 10000
95 AVENUE
QUEENS, NY 11435

NY E DESIGNATION

S108983617
N/A

Click here for full text details

C53
ESE
< 1/8
0.016 mi.
85 ft.

Relative:
Lower

LOT 14,TAXBLOCK 10033
149-06 97 AVENUE
QUEENS, NY 11435

NY E DESIGNATION

S108983292
N/A

Click here for full text details

C54
SE
< 1/8
0.016 mi.
85 ft.

Relative:
Lower

LOT 13,TAXBLOCK 10033
149-04 97 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983274
N/A

D55
SSE
< 1/8
0.016 mi.
86 ft.

Relative:
Lower

DENNIS PRINCE
14812 97TH AVE
JAMAICA, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1213219 / 2013-05-10
Site ID 476398
Spill Date 2012-12-10

NY Spills

S112808268
N/A

D56
SSE
< 1/8
0.016 mi.
86 ft.

Relative:
Lower

DENNIS PRINCE
14812 97TH AVE
JAMAICA, NY

Click here for full text details

NY SPILLS 90
Site Id 1213219
Status ACTIVE

NY SPILLS 90

S112395658
N/A

F57
North
< 1/8
0.017 mi.
88 ft.

Relative:
Lower

LOT 31,TAXBLOCK 10000
149-01 95 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983556
N/A

E58
NNW
< 1/8
0.017 mi.
89 ft.

Relative:
Higher

LOT 42,TAXBLOCK 10000
148-07 95 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983652
N/A

C59
SE
< 1/8
0.018 mi.
95 ft.

Relative:
Lower

LOT 8,TAXBLOCK 10033
148-16 97 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983841**
N/A

B60
NE
< 1/8
0.018 mi.
95 ft.

Relative:
Lower

CC PRECISION WELDING CORP
150-09 BEAVER ROAD
JAMAICA, NY 11433

Click here for full text details

NY UST **U004046327**
N/A

A61
West
< 1/8
0.019 mi.
102 ft.

Relative:
Higher

LOT 7,TAXBLOCK 10028
147-40 95 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983806**
N/A

C62
ESE
< 1/8
0.023 mi.
124 ft.

Relative:
Lower

CON EDISON SERVICE BOX: 21099
97-08 150TH ST FRONT OF
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR **1016965208**
NY MANIFEST **NYP004381000**

RCRA NonGen / NLR
EPA Id NYP004381000

NY MANIFEST
EPA ID NYP004381000

B63
ENE
< 1/8
0.025 mi.
132 ft.

Relative:
Lower

LOT 77,TAXBLOCK 10107
150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983835**
N/A

B64
ENE
< 1/8
0.025 mi.
134 ft.

Relative:
Lower

TIC TAC AUTO INC
150-08 BEAVER ROAD
JAMAICA, NY 11433

Click here for full text details

Database(s): NY SWF/LF
EDR ID Number: S108146160
EPA ID Number: N/A

B65
ENE
< 1/8
0.025 mi.
134 ft.

Relative:
Lower

TIC TAC AUTO INC.
150-08 BEAVER ROAD
JAMAICA, NY 11433

Click here for full text details

NY AST
Facility Id 2-609557

Database(s): NY AST
EDR ID Number: A100296369
EPA ID Number: N/A

B66
ENE
< 1/8
0.025 mi.
134 ft.

Relative:
Lower

EASY DOES IT AUTO SALVAGE INC
15008 BEAVER ROAD
JAMAICA, NY

Click here for full text details

Database(s): NY SWF/LF
EDR ID Number: S110242474
EPA ID Number: N/A

B67
NNE
< 1/8
0.029 mi.
155 ft.

Relative:
Lower

QUEENS INDUSTRIAL ELEC
94-12 150TH STREET
JAMAICA, NY 11435

Click here for full text details

NJ MANIFEST
EPA Id NYD012420261

Database(s): NJ MANIFEST
EDR ID Number: S120665319
EPA ID Number: N/A

B68
NNE
< 1/8
0.029 mi.
155 ft.

Relative:
Lower

QUEENS INDUSTRIAL ELEC
94-12 150TH ST
JAMAICA, NY 11435

Click here for full text details

RCRA-VSQG
EPA Id NYD012420261

FINDS
Registry ID: 110004344326

ECHO
Registry ID 110004344326

NY MANIFEST

Database(s): RCRA-VSQG, FINDS, ECHO, NY MANIFEST
EDR ID Number: 1000208268
EPA ID Number: NYD012420261

QUEENS INDUSTRIAL ELEC (Continued) **1000208268**

EPA ID NYD012420261

E69
West
< 1/8
0.030 mi.
156 ft.

Relative:
Higher

LOT 4,TAXBLOCK 10028
147-36 95 AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983633**
N/A

Click here for full text details

B70
ENE
< 1/8
0.030 mi.
157 ft.

Relative:
Lower

LOT 82,TAXBLOCK 10107
150-10 BEAVER ROAD
QUEENS, NY 11433

NY E DESIGNATION **S108983858**
N/A

Click here for full text details

E71
NW
< 1/8
0.030 mi.
159 ft.

Relative:
Higher

SPILL NUMBER 9902985
148TH ST BET 94TH & 95T
QUEENS, NY

NY Spills **S104649162**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9902985 / 1999-06-30
Site ID 193057
Spill Date 1999-06-15

E72
NW
< 1/8
0.030 mi.
159 ft.

Relative:
Higher

BETWEEN 94TH & 95TH AV
148TH ST BET 94TH & 95TH
QUEENS, NY

NY Spills **S106002199**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0112226 / 2002-05-06
Site ID 65609
Spill Date 2002-03-28

E73
NW
< 1/8
0.031 mi.
162 ft.

Relative:
Higher

LOT 1,TAXBLOCK 10000
147-16 94 AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983141**
N/A

Click here for full text details

C74
ESE
< 1/8
0.032 mi.
169 ft.

Relative:
Lower

CON EDISON
F/O 148-95 LIBERTY AV
QUEENS, NY 11435

NY MANIFEST **S116043779**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004401519

C75
SE
< 1/8
0.034 mi.
179 ft.

Relative:
Lower

MERIT LIBERTY
148 LIBERTY AVE
JAMAICA, NY 11435

NY UST **1000263750**
RCRA NonGen / NLR **NYD982185431**
US AIRS
FINDS
ECHO
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD982185431

US AIRS
EPA plant ID: 110004415776

FINDS
Registry ID: 110004415776

ECHO
Registry ID 110004415776

NY MANIFEST
EPA ID NYD982185431

C76
SE
< 1/8
0.034 mi.
179 ft.

Relative:
Lower

HESS/MERIT STATION 32521
148-27 LIBERTY AVENUE
JAMAICA, NY

NY LTANKS **S104514369**
NY Spills **N/A**

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9600085 / 1996-04-02
Site ID 195422
Spill Date 1996-04-02

NY Spills
Spill Number/Closed Date 9606415 / 2007-01-17
Site ID 288182
Spill Date 1996-08-19

C77
SE
< 1/8
0.034 mi.
179 ft.

Relative:
Lower

SPEEDWAY 7826
14827 LIBERTY AVE
JAMAICA, NY 11435

RCRA-VSQG **1019909596**
FINDS **NYR000229674**
ECHO

Click here for full text details

RCRA-VSQG
EPA Id NYR000229674

FINDS
Registry ID: 110070122133

ECHO
Registry ID 110070122133

C78
SE
< 1/8
0.034 mi.
179 ft.

Relative:
Lower

HESS STATION
148-27 LIBERTY AV
QUEENS, NY

NY Spills **S106001091**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0110825 / 2002-02-13
Site ID 195421
Spill Date 2002-02-12

B79
ENE
< 1/8
0.034 mi.
182 ft.

Relative:
Lower

LOT 84,TAXBLOCK 10107
150-14 BEAVER ROAD
QUEENS, NY 11433

NY E DESIGNATION **S108983866**
N/A

Click here for full text details

C80
ESE
< 1/8
0.035 mi.
183 ft.

Relative:
Lower

LIBERTY AUTO PARTS INC.
97-09 150TH STREET
JAMAICA, NY 11435

NY SWF/LF **S108146130**
N/A

Click here for full text details

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
C81 **East** **< 1/8** **0.035 mi.** **185 ft.** **Relative: Lower**	**LOT 71,TAXBLOCK 10107** **95-35 150 STREET** **QUEENS, NY 11435** **Click here for full text details**	**NY E DESIGNATION**	**S108983823** **N/A**
B82 **East** **< 1/8** **0.037 mi.** **195 ft.** **Relative: Lower**	**LOT 73,TAXBLOCK 10107** **95-33 150 STREET** **QUEENS, NY 11435** **Click here for full text details**	**NY E DESIGNATION**	**S108983828** **N/A**
E83 **West** **< 1/8** **0.037 mi.** **195 ft.** **Relative: Higher**	**LOT 2,TAXBLOCK 10028** **147-30 95 AVENUE** **QUEENS, NY 11435** **Click here for full text details**	**NY E DESIGNATION**	**S108983393** **N/A**
G84 **WSW** **< 1/8** **0.038 mi.** **203 ft.** **Relative: Higher**	**LOT 34,TAXBLOCK 10028** **95-19 147 PLACE** **QUEENS, NY 11435** **Click here for full text details**	**NY E DESIGNATION**	**S108983587** **N/A**
D85 **SW** **< 1/8** **0.038 mi.** **203 ft.** **Relative: Higher**	**LOT 32,TAXBLOCK 10028** **95-23 147 PLACE** **QUEENS, NY 11435** **Click here for full text details**	**NY E DESIGNATION**	**S108983572** **N/A**
C86 **ESE** **< 1/8** **0.039 mi.** **204 ft.** **Relative: Lower**	**MC MANUS BROS SERVICE STATION** **150-05 LIBERTY AVE** **JAMAICA, NY 11433** **Click here for full text details**	**EDR Hist Auto**	**1020378554** **N/A**

D87
SW
< 1/8
0.039 mi.
206 ft.

Relative:
Higher

LOT 31,TAXBLOCK 10028
95-25 147 PLACE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983557
N/A

B88
ENE
< 1/8
0.039 mi.
207 ft.

Relative:
Lower

LOT 167,TAXBLOCK 10107
150 STREET
QUEENS, NY 0

Click here for full text details

NY E DESIGNATION

S108983346
N/A

B89
NE
< 1/8
0.040 mi.
211 ft.

Relative:
Lower

LOT 86,TAXBLOCK 10107
150-20 BEAVER ROAD
QUEENS, NY 11433

Click here for full text details

NY E DESIGNATION

S108983869
N/A

E90
NNW
< 1/8
0.040 mi.
211 ft.

Relative:
Higher

LOT 5,TAXBLOCK 10000
148-12 95 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983694
N/A

H91
SE
< 1/8
0.040 mi.
212 ft.

Relative:
Lower

LUCKY AUTO BODY
148-21 LIBERTY AVE
JAMAICA, NY

Click here for full text details

NY Spills

NY Spills

S104195801
N/A

NY Spills
Spill Number/Closed Date 9907947 / 1999-09-30
Site ID 73999
Spill Date 1999-09-30

F92
NNE
< 1/8
0.043 mi.
228 ft.

Relative:
Lower

550 UST
94-12 150TH STREET
JAIMAICA, NY

NY Spills | **S113915922**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1306143 / 2015-08-28
Site ID 486736
Spill Date 2013-09-11

I93
NNE
< 1/8
0.044 mi.
231 ft.

Relative:
Lower

GREEN ENERGY RECYCLING INC
94-15 150TH ST
JAMAICA, NY 11435

RCRA NonGen / NLR | **1014399651**
NYR000177402

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000177402

H94
SSE
< 1/8
0.044 mi.
231 ft.

Relative:
Lower

GLOBE PLATING CO INC
148-19 LIBERTY AVE
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST | **1000162192**
NYD042039420

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD042039420

FINDS
Registry ID: 110001580851

ECHO
Registry ID 110001580851

NY MANIFEST
EPA ID NYD042039420

H95
SSE
< 1/8
0.044 mi.
231 ft.

Relative:
Lower

148-19 LIBERTY AVENUE CORP
148-19 LIBERTY AVENUE
NEW YORK, NY 11435

NY UST | **U002258442**
N/A

Click here for full text details

G96
West
< 1/8
0.044 mi.
234 ft.

Relative:
Higher

ATLAS TRANSIT MIX — **NY CBS** **S104073573**
95-11 147 PL — **NY CBS AST** **N/A**
JAMAICA, NY 11435

Click here for full text details

NY CBS
Facility Status Unregulated/Closed
CBS Number 2-000185

NY CBS AST
Facility Status IN SERVICE
Facility Status 2
CBS Number 2-000185

G97
West
< 1/8
0.044 mi.
234 ft.

Relative:
Higher

LOT 1,TAXBLOCK 10028 — **NY E DESIGNATION** **S108983146**
95-11 147 PLACE — **N/A**
QUEENS, NY 11435

Click here for full text details

G98
West
< 1/8
0.044 mi.
234 ft.

Relative:
Higher

ATLAS CONCRETE — **NY LTANKS** **U001841363**
95-11 147TH PLACE — **NY UST** **N/A**
JAMAICA, NY 11435 — **NY AST**

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9103735 / 1995-05-25
Site ID 215198
Spill Date 1991-07-08

NY AST
Facility Id 2-600250

C99
ESE
< 1/8
0.045 mi.
237 ft.

Relative:
Lower

FULL SERVICE AUTO REPAIR LLC — **NY AST** **A100307824**
150-18-30 LIBERTY AVENUE — **N/A**
JAMAICA, NY 11433

Click here for full text details

NY AST
Facility Id 2-610613

C100
ESE
< 1/8
0.045 mi.
237 ft.

Relative:
Lower

CON EDISON MANHOLE: 19069
LIBERTY AVE & 150TH ST 46 FEET
FLUSHING, NY 11367

RCRA NonGen / NLR
FINDS

1017776068
NYP004539177

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004539177

FINDS
Registry ID: 110063801925

F101
NNE
< 1/8
0.046 mi.
243 ft.

Relative:
Higher

LIBERTY ASHES INC
94-02 150TH STREET
JAMAICA, NY 11432

NY AST

A100294822
N/A

Click here for full text details

NY AST
Facility Id 2-610080

C102
ESE
< 1/8
0.046 mi.
245 ft.

Relative:
Lower

EAST COAST AUTO SALVAGE 2
150-05 LIBERTY AVE
JAMAICA, QUEENS, NY

NY Spills

S104789273
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0006759 / 2006-03-06
Site ID 161475
Spill Date 2000-09-06

D103
South
< 1/8
0.049 mi.
261 ft.

Relative:
Higher

LOT 13,TAXBLOCK 10032
97-18 148 STREET
QUEENS, NY 11435

NY E DESIGNATION

S108983273
N/A

Click here for full text details

D104
South
< 1/8
0.054 mi.
284 ft.

Relative:
Higher

LOT 15,TAXBLOCK 10032
148 STREET
QUEENS, NY 11435

NY E DESIGNATION

S108983313
N/A

Click here for full text details

I105
NE
< 1/8
0.056 mi.
295 ft.

Relative:
Lower

REAR OF PROPERTY - DRUM RUN — **NY Spills** — **S118260815**
150-24 BEAVER RD/TUCKERTON ST — **N/A**
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1505562 / 2015-08-27
Site ID 512930
Spill Date 2015-08-24

I106
NE
< 1/8
0.056 mi.
295 ft.

Relative:
Lower

QUEENS ENFORCEMENT (FORMELY QS 12) — **NY UST** — **U003074838**
150-24 BEAVER ROAD — **NY AST** — **N/A**
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-455415

I107
NE
< 1/8
0.056 mi.
295 ft.

Relative:
Lower

DRUM RUN — **NY Spills** — **S118705857**
150-24 BEAVER RD — **N/A**
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1602911 / 2016-07-15
Site ID 529342
Spill Date 2016-06-23

H108
SE
< 1/8
0.056 mi.
298 ft.

Relative:
Lower

MERIT SERVICE STATION — **NY LTANKS** — **S101341091**
148 LIBERTY AVE — **N/A**
JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9409085 / 1995-07-18
Site ID 329799
Spill Date 1994-10-07

G109
West
< 1/8
0.058 mi.
308 ft.

Relative:
Higher

95-04 SUTPHIN BLV/QUEENS — **NY Spills** — **S102140920**
95-04 SUTPHIN BLVD — **N/A**
NEW YORK CITY, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 9100098 / 1995-05-25
Site ID 114915

95-04 SUTPHIN BLV/QUEENS (Continued) **S102140920**

Spill Date 1991-04-02

G110
West
< 1/8
0.059 mi.
309 ft.

Relative:
Higher

LOT 8,TAXBLOCK 10027
147-18 95 AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983840**
N/A

Click here for full text details

I111
NNE
< 1/8
0.059 mi.
309 ft.

Relative:
Higher

LOT 43,TAXBLOCK 10095
94-01 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983658**
N/A

Click here for full text details

I112
NNE
< 1/8
0.059 mi.
309 ft.

Relative:
Higher

CONTEMP PROCESSING INC
94-01 150TH ST
JAMAICA, NY 11435

NY LTANKS **U001838358**
NY UST **N/A**
NY Spills

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9909545 / 2003-12-09
Site ID 84431
Spill Date 1999-11-05

NY Spills
Spill Number/Closed Date 0007232 / 2009-05-01
Spill Number/Closed Date 8701261 / 1987-05-14
Site ID 84430
Site ID 209443
Spill Date 2000-09-20
Spill Date 1987-05-14

J113
East
< 1/8
0.059 mi.
310 ft.

Relative:
Lower

CON EDISON
150-19 LIBERTY AVE FRONT OF
JAMAICA, NY 11433

NY MANIFEST **S116550283**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004486155

J114
East
< 1/8
0.059 mi.
310 ft.

Relative:
Lower

JAMAICA RADIATOR
15019 LIBERTY AVE
JAMAICA, NY 11433

EDR Hist Auto

1020323198
N/A

Click here for full text details

J115
East
< 1/8
0.059 mi.
310 ft.

Relative:
Lower

CON EDISON
150-19 LIBERTY AVE FRONT OF
JAMAICA, NY 11433

RCRA NonGen / NLR

1017771674
NYP004486155

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004486155

G116
West
< 1/8
0.059 mi.
311 ft.

Relative:
Higher

MAX'S LUNCHEONETTE
SPUTPHIN BLVD & 95TH ST
QUEENS, NY

NY LTANKS

S102672677
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9410935 / 1994-11-16
Site ID 142208
Spill Date 1994-11-16

D117
SSW
< 1/8
0.061 mi.
320 ft.

Relative:
Higher

97-13 147TH PL/QUEENS
97-13 147TH PLACE
NEW YORK CITY, NY

NY Spills

S102145103
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 8803968 / 1988-08-05
Site ID 118690
Spill Date 1988-08-05

K118
ESE
< 1/8
0.062 mi.
330 ft.

Relative:
Lower

CON ED
104-03 150TH AVE
JAMAICA, NY 11435

NY MANIFEST

S119076951
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004817243

K119
ESE
< 1/8
0.062 mi.
330 ft.

Relative:
Lower

CON EDISON
104-03 150TH AVE
JAMAICA, NY 11435

NJ MANIFEST | **S120674853**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004817243

K120
ESE
< 1/8
0.062 mi.
330 ft.

Relative:
Lower

CON EDISON
104-03 150TH AVE
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS
ECHO
1019906098
NYP004817243

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004817243

FINDS
Registry ID: 110069703627

ECHO
Registry ID 110069703627

E121
NW
< 1/8
0.063 mi.
331 ft.

Relative:
Higher

LOT 16,TAXBLOCK 9998
94 AVENUE
QUEENS, NY 11435

NY E DESIGNATION | **S108983343**
N/A

Click here for full text details

I122
NNE
< 1/8
0.063 mi.
333 ft.

Relative:
Higher

CONSOLIDATED EDISON
94TH AVENUE & 150TH ST
QUEENS, NY

NY MANIFEST | **S110709190**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004216577

D123
SSW
< 1/8
0.063 mi.
335 ft.

Relative:
Higher

147-16 97TH AVENUE
147-16 97TH AVENUE
NEW YORK CITY, NY

NY VCP | **S125316847**
N/A

Click here for full text details

D124
SSW
< 1/8
0.063 mi.
335 ft.

Relative:
Higher

LOT 7,TAXBLOCK 10031
147-16 97 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983807
N/A

G125
WSW
< 1/8
0.064 mi.
336 ft.

Relative:
Higher

LOT 11,TAXBLOCK 10027
95-10 147 PLACE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983223
N/A

G126
WSW
< 1/8
0.064 mi.
336 ft.

Relative:
Higher

LOT 10,TAXBLOCK 10027
95-08 147 PLACE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983194
N/A

F127
North
< 1/8
0.064 mi.
339 ft.

Relative:
Higher

148-39 94TH AVENUE
148-39 94TH AVENUE
NEW YORK CITY, NY

Click here for full text details

NY VCP

S125316850
N/A

H128
SE
< 1/8
0.065 mi.
342 ft.

Relative:
Lower

NEW YORK CITY AUTO SALVAGE INC
148-36 LIBERTY AVE
JAMAICA, NY 11435

Click here for full text details

NY SPDES
Permit Number NYR00D571
Limit Set Status Flag A

NY SWF/LF
NY SPDES

S108146025
N/A

H129
SE
< 1/8
0.065 mi.
342 ft.

Relative:
Lower

NEW YORK CITY AUTO SALVAGE — **NY AST** — **U003396986**
148-36 LIBERTY AVENUE — **N/A**
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-603085

L130
South
< 1/8
0.066 mi.
347 ft.

Relative:
Higher

CLOSED-LACKOF RECENT INFO — **NY LTANKS** — **S100167547**
148-19 LIBERTY AVENUE — **N/A**
NEW YORK CITY, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8801528 / 2003-03-05
Site ID 192190
Spill Date 1988-05-19

L131
South
< 1/8
0.066 mi.
348 ft.

Relative:
Higher

LOT 18,TAXBLOCK 10032 — **NY E DESIGNATION** — **S108983366**
147-25 LIBERTY AVENUE — **N/A**
QUEENS, NY 11435

Click here for full text details

M132
NW
< 1/8
0.066 mi.
348 ft.

Relative:
Higher

LOT 22,TAXBLOCK 9998 — **NY E DESIGNATION** — **S108983439**
94 AVENUE — **N/A**
QUEENS, NY 11435

Click here for full text details

I133
North
< 1/8
0.066 mi.
349 ft.

Relative:
Higher

LOT 1,TAXBLOCK 9998 — **NY E DESIGNATION** — **S108983191**
94 AVENUE — **N/A**
QUEENS, NY 11435

Click here for full text details

M134
NW
< 1/8
0.068 mi.
357 ft.

Relative:
Higher

LOT 19,TAXBLOCK 9998
147-43 94 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983392**
N/A

N135
NNW
< 1/8
0.068 mi.
357 ft.

Relative:
Higher

LOT 2,TAXBLOCK 9998
148-23 94 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983399**
N/A

N136
NNW
< 1/8
0.068 mi.
357 ft.

Relative:
Higher

148-23 94TH AVE
148-23 94TH AVE
JAMAICA, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 9207624 / 1996-11-22
Site ID 320200
Spill Date 1992-09-17

NY Spills **S102143311**
N/A

N137
NNW
< 1/8
0.068 mi.
357 ft.

Relative:
Higher

SANFORD EQUITY
148-23 94 AVE
JAMAICA, NY 11435

Click here for full text details

NY UST **U001840875**
N/A

N138
NNW
< 1/8
0.068 mi.
357 ft.

Relative:
Higher

SANFORD EQUITIES
148-23 94TH AVE
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD986883569

FINDS
Registry ID: 110004439162

ECHO
Registry ID 110004439162

RCRA NonGen / NLR **1000230061**
FINDS **NYD986883569**
ECHO

G139
West
< 1/8
0.068 mi.
359 ft.

Relative:
Higher

LOT 5,TAXBLOCK 10027
147-12 95 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983697**
N/A

M140
WNW
< 1/8
0.068 mi.
361 ft.

Relative:
Higher

94TH AVENUE JAMAICA, LLC
147-20 94TH AVE
JAMAICA, NY 11435

Click here for full text details

NY UST **U004257530**
N/A

M141
WNW
< 1/8
0.068 mi.
361 ft.

Relative:
Higher

JAMAICA 94TH AVENUE LLC
147-20 94TH AVE
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYR000227504

NY MANIFEST **S118954254**
N/A

M142
WNW
< 1/8
0.068 mi.
361 ft.

Relative:
Higher

JAMAICA 94TH AVENUE LLC
147-20 94TH AVE
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000227504

RCRA NonGen / NLR **1019326136**
NYR000227504

M143
WNW
< 1/8
0.068 mi.
361 ft.

Relative:
Higher

JAMAICA 94TH AVENUE
147-20 94TH AVENUE
JAMAICA, NY 11435

Click here for full text details

NY BROWNFIELDS
Site Code 524733

NY BROWNFIELDS **S118628314**
N/A

M144
WNW
< 1/8
0.068 mi.
361 ft.

Relative:
Higher

LOT 9,TAXBLOCK 9999
147-20 94 AVENUE
QUEENS, NY

NY E DESIGNATION

S108983890
N/A

Click here for full text details

J145
ESE
< 1/8
0.070 mi.
367 ft.

Relative:
Lower

WELBILT TRANSMISSION INC.
150-14 LIBERTY AVENUE
JAMAICA, NY 11433

NY AST

A100354120
N/A

Click here for full text details

NY AST
Facility Id 2-611479

J146
ESE
< 1/8
0.070 mi.
367 ft.

Relative:
Lower

WELBUILT TRANSMISSIONS CO INC
150-14 LIBERTY AVE
JAMAICA, NY 11435

EDR Hist Auto

1020972792
N/A

Click here for full text details

J147
ENE
< 1/8
0.071 mi.
374 ft.

Relative:
Lower

BELL ATLANTIC
95-40 TUCKERTON ST
JAMAICA, QUEENS, NY

NY Spills

S104503678
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9706920 / 1997-12-31
Spill Number/Closed Date 9900524 / 2000-05-02
Site ID 326411
Site ID 326412
Spill Date 1997-09-10
Spill Date 1999-04-14

M148
NW
< 1/8
0.072 mi.
378 ft.

Relative:
Higher

147-25 94TH AVENUE
147-25 94TH AVENUE
QUEENS, NY 11435

NY BROWNFIELDS

S121933791
N/A

Click here for full text details

NY BROWNFIELDS
Site Code 565437

L149
South
< 1/8
0.072 mi.
378 ft.

Relative:
Higher

AUTOTECH AUTO BODY RECOVERY INC
147-21 LIBERTY AVE
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1004755761
NY0000362483

Click here for full text details

RCRA NonGen / NLR
EPA Id NY0000362483

FINDS
Registry ID: 110004316071

ECHO
Registry ID 110004316071

NY MANIFEST
EPA ID NY0000362483

I150
NE
< 1/8
0.074 mi.
390 ft.

Relative:
Lower

LOT 32,TAXBLOCK 10095
150-05 94 AVENUE
QUEENS, NY 11433

NY E DESIGNATION

S108983575
N/A

Click here for full text details

O151
ENE
< 1/8
0.075 mi.
397 ft.

Relative:
Lower

LOT 130,TAXBLOCK 10107
TUCKERTON STREET
QUEENS, NY 0

NY E DESIGNATION

S108983285
N/A

Click here for full text details

H152
SSE
< 1/8
0.075 mi.
397 ft.

Relative:
Lower

MEC-TEC AUTOMOTIVE INC.
148-20 LIBERTY AVENUE
JAMAICA, NY 11433

NY AST

A100301597
N/A

Click here for full text details

NY AST
Facility Id 2-610517

H153
SSE
< 1/8
0.075 mi.
397 ft.

Relative:
Lower

MEC-TEC AUTOMOTIVE, INC.
148-20 LIBERTY AVENUE
JAMAICA, NY 11433

NY CBS **S108465387**
N/A

Click here for full text details

NY CBS
Facility Status Inactive
CBS Number 2-000453

L154
SSE
< 1/8
0.076 mi.
399 ft.

Relative:
Lower

NYNEX
148TH ST /LIBERTY AVE
QUEENS, NY

NY MANIFEST **1009233592**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP000917526

J155
East
< 1/8
0.078 mi.
410 ft.

Relative:
Lower

J&J AUTO WRECKERS INC.
150-35 LIBERTY AVENUE
JAMAICA, NY 11433

NY AST **A100294517**
N/A

Click here for full text details

NY AST
Facility Id 2-609164

J156
East
< 1/8
0.078 mi.
410 ft.

Relative:
Lower

LOT 142,TAXBLOCK 10107
150-35 LIBERTY AVENUE
QUEENS, NY 11433

NY E DESIGNATION **S108983309**
N/A

Click here for full text details

J157
East
< 1/8
0.078 mi.
410 ft.

Relative:
Lower

J & J AUTO WRECKERS, INC.
150-35 LIBERTY AVE
JAMAICA, NY 11433

NY SWF/LF **S108410832**
NY CBS **N/A**
NY SPDES

Click here for full text details

NY CBS
Facility Status Unregulated/Closed
CBS Number 2-000435

NY SPDES
Permit Number NYR00E034
Limit Set Status Flag A

P158
West
< 1/8
0.079 mi.
419 ft.

Relative:
Higher

LOT 3,TAXBLOCK 10027
95 AVENUE
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983539**
N/A

O159
ENE
< 1/8
0.080 mi.
420 ft.

Relative:
Lower

EAST COAST AUTO SALVAGE, INC
95-50 TUCKERTON STREET
JAMAICA, NY 11433

Click here for full text details

NY UST **U004046607**
N/A

K160
SE
< 1/8
0.082 mi.
434 ft.

Relative:
Lower

MAN HOLE # 3057
104-14 150TH ST
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 0302515 / 2003-08-20
Site ID 218625
Spill Date 2003-06-09

NY Spills **S106014816**
N/A

J161
East
< 1/8
0.082 mi.
435 ft.

Relative:
Lower

LOT 138,TAXBLOCK 10107
TUCKERTON STREET
QUEENS, NY 0

Click here for full text details

NY E DESIGNATION **S108983290**
N/A

O162
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

BELL ATLANTIC
95-40 TUCKERTON STREET
JAMAICA, NY 11433

Click here for full text details

NY UST **U004198758**
N/A

O163
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

PHONE CO. GARAGE
9540 TUCKERTON ST
JAMAICA, NY

NY Spills | **S121987093**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9601260 / 1996-04-24
Site ID 76820
Spill Date 1996-04-24

O164
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

NEW YORK TELEPHONE CO
95-40 TUCKERTON ST
JAMAICA, NY 11433

RCRA NonGen / NLR | **1000791561**
FINDS | **NYD987030749**
ECHO
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD987030749

FINDS
Registry ID: 110004502529

ECHO
Registry ID 110004502529

NY MANIFEST
EPA ID NYD987030749

O165
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

BELL ATLANTIC
95-40 TUCKERTON STREET
JAMAICA, NY 11433

NY AST | **A100382311**
N/A

Click here for full text details

NY AST
Facility Id 2-343889

O166
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

9540 TUCKERTON ST/QUEENS
9540 TUCKERTON STREET
JAMAICA, NY

NY LTANKS | **S102239817**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9003131 / 1991-06-18
Site ID 279092
Spill Date 1990-06-18

O167
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

DRUM RUN
95-40 TUCKERTON ST
QUEENS, NY

NY Spills **S117852910**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1501322 / 2015-06-19
Site ID 507520
Spill Date 2015-05-06

O168
ENE
< 1/8
0.083 mi.
436 ft.

Relative:
Lower

95-40 TUCKERTON STREET
95-40 TUCKERTON STREET
JAMAICA, NY

NY LTANKS **S104073400**
NY Spills **N/A**

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9108734 / 1997-10-07
Site ID 212664
Spill Date 1991-11-15

NY Spills
Spill Number/Closed Date 9713877 / 2003-04-22
Site ID 252643
Spill Date 1998-03-16

K169
ESE
< 1/8
0.083 mi.
438 ft.

Relative:
Lower

CINELLY
150-11 GINSBERG RD
JAMAICA, NY

NY Spills **S103829582**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9815500 / 2003-03-03
Site ID 244208
Spill Date 1999-03-30

L170
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

LOT 22,TAXBLOCK 10032
147-17 LIBERTY AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983433**
N/A

Click here for full text details

G171
WSW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

95-21 SUTPHIN BLVD
95-21 SUTPHIN BLVD
JAMAICA, NY

NY LTANKS | **S102660670**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9508921 / 1995-10-20
Site ID 95651
Spill Date 1995-10-20

G172
WSW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

HWC DRY/C&G CLEANERS
95-19 SUTPHIN BLVD.
JAMAICA, NY 11435

NY DRYCLEANERS | **S110246837**
N/A

Click here for full text details

NY DRYCLEANERS
Facility Id 2-6307-01256

G173
WSW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

HWC DRY CLEANERS
95-19 SUTPHIN BLVD
JAMAICA, NY 11435

RCRA NonGen / NLR | **1004760754**
ICIS | **NYR000059741**
US AIRS
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000059741

ICIS
FRS ID: 110008104835

US AIRS
EPA plant ID: 110015307185

NY MANIFEST
EPA ID NYR000059741

G174
WSW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

BURRELL CLEANERS
9519 SUTPHIN BLV
JAMAICA, NY 11435

EDR Hist Cleaner | **1018774295**
N/A

Click here for full text details

G175
WSW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

LOT 36,TAXBLOCK 10027
95-07 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION

S108983602
N/A

Click here for full text details

M176
WNW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

LOT 25,TAXBLOCK 9998
147-07 94 AVENUE
QUEENS, NY 11435

NY E DESIGNATION

S108983492
N/A

Click here for full text details

M177
WNW
< 1/8
0.084 mi.
444 ft.

Relative:
Higher

WORLD-WIDE FOOD PRODUCTS, INC.
147-07 94TH AVENUE
JAMAICA, NY 11435

NY AST

A100393055
N/A

Click here for full text details

NY AST
Facility Id 2-612215

Q178
SW
< 1/8
0.086 mi.
453 ft.

Relative:
Higher

95-35 SO. SUTPHIN BLVD
95-35 SO. SUTPHIN BLVD
JAMAICA, NY

NY Spills

S102149351
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9413558 / 1995-01-11
Site ID 87095
Spill Date 1995-01-11

L179
SSW
< 1/8
0.087 mi.
457 ft.

Relative:
Higher

LOT 12,TAXBLOCK 10031
97-15 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION

S108983248
N/A

Click here for full text details

L180
SSW
< 1/8
0.087 mi.
457 ft.

Relative:
Higher

A1 AUTO PARTS INC
97-15 SUTPHIN BLVD
JAMAICA, NY 11433

NY SWF/LF **S108145615**
N/A

Click here for full text details

Q181
SW
< 1/8
0.088 mi.
463 ft.

Relative:
Higher

95-39 SUTPHIN BLVD
95-39 SUTPHIN BLVD
JAMAICA, NY

NY Spills **S104500989**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9511485 / 1995-12-12
Site ID 321362
Spill Date 1995-12-11

Q182
SW
< 1/8
0.089 mi.
472 ft.

Relative:
Higher

LOT 2,TAXBLOCK 10031
97-01 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION **S117675963**
N/A

Click here for full text details

K183
SE
< 1/8
0.090 mi.
475 ft.

Relative:
Lower

LOT 32,TAXBLOCK 10061
104-18 150 STREET
QUEENS, NY 11435

NY E DESIGNATION **S108983574**
N/A

Click here for full text details

O184
NE
< 1/8
0.090 mi.
475 ft.

Relative:
Lower

LOT 107,TAXBLOCK 10107
TUCKERTON STREET
QUEENS, NY 11433

NY E DESIGNATION **S108983219**
N/A

Click here for full text details

L185
SSW
< 1/8
0.090 mi.
475 ft.

Relative:
Higher

LOT 10,TAXBLOCK 10031
97-11 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983196
N/A

L186
SSW
< 1/8
0.090 mi.
475 ft.

Relative:
Higher

97-11 SUTPHIN BOULEVARD
97-11 SUTPHIN BOULEVARD
NEW YORK CITY, NY

Click here for full text details

NY VCP

S121133146
N/A

P187
West
< 1/8
0.091 mi.
479 ft.

Relative:
Higher

WAREHOUSE
94-01 SUTPHIN BLVD
JAMAICA, NY 11432

Click here for full text details

NY AST
Facility Id 2-607871

NY AST

A100296677
N/A

P188
West
< 1/8
0.091 mi.
479 ft.

Relative:
Higher

LOT 1,TAXBLOCK 9999
94-01 SUTPHIN BOULEVARD
QUEENS, NY

Click here for full text details

NY E DESIGNATION

S108983192
N/A

R189
SSE
< 1/8
0.091 mi.
479 ft.

Relative:
Lower

CITY TRANSIT MIX INC.
104-05 148TH STREET
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-258725

NY AST

A100429457
N/A

R190
SSE
< 1/8
0.091 mi.
479 ft.

Relative:
Lower

CITY TRANSIT MIX INC.
104-05 148TH STREET
JAMAICA, NY 11435

Click here for full text details

NY UST **U000402691**
N/A

L191
SSW
< 1/8
0.092 mi.
485 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 30741
97-26 147TH PL
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004488144

FINDS
Registry ID: 110063799778

RCRA NonGen / NLR **1017771868**
FINDS **NYP004488144**

L192
SSW
< 1/8
0.092 mi.
485 ft.

Relative:
Higher

CON EDISON
97-26 147TH PL
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004488144

NY MANIFEST **S116550434**
N/A

P193
West
< 1/8
0.092 mi.
488 ft.

Relative:
Higher

JFK CENTER ASSOCIATES LLC
94-19 SUTPHIN BLVD
JAMAICA, NY 11435

Click here for full text details

RCRA-LQG
EPA Id NYR000145052

RCRA-LQG **1010328807**
NYR000145052

P194
West
< 1/8
0.092 mi.
488 ft.

Relative:
Higher

JFK CENTER
94-19 SUTPHIN BOULVEVARD
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-610507

NY AST **U004079935**
N/A

K195
SE
< 1/8
0.093 mi.
490 ft.

Relative:
Lower

LOT 33,TAXBLOCK 10061
150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983581**
N/A

S196
NNE
< 1/8
0.095 mi.
500 ft.

Relative:
Higher

CON EDISON
FO 151-03 94 AVE
QUEENS, NY 11419

Click here for full text details

NY MANIFEST
EPA ID NYP004581880

NY MANIFEST **S117065612**
N/A

K197
SE
< 1/8
0.097 mi.
512 ft.

Relative:
Lower

LOT 34,TAXBLOCK 10061
150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983588**
N/A

R198
SSE
< 1/8
0.097 mi.
514 ft.

Relative:
Lower

CON ED
104-15 148TH ST
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004816995

NY MANIFEST **S119076937**
N/A

R199
SSE
< 1/8
0.097 mi.
514 ft.

Relative:
Lower

CON EDISON
104-15 148TH ST
JAMAICA, NY 11435

Click here for full text details

NJ MANIFEST
EPA Id NYP004816995

NJ MANIFEST **S120674830**
N/A

R200
SSE
< 1/8
0.097 mi.
514 ft.

Relative:
Lower

CON EDISON
104-15 148TH ST
JAMAICA, NY 11435

RCRA NonGen / NLR | **1019906076**
NYP004816995

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004816995

L201
SSW
< 1/8
0.098 mi.
516 ft.

Relative:
Higher

LOT 17,TAXBLOCK 10031
97-31 147 PLACE
QUEENS, NY 11435

NY E DESIGNATION | **S108983350**
N/A

Click here for full text details

O202
East
< 1/8
0.098 mi.
516 ft.

Relative:
Lower

COMMERCIAL LOT
95-65 TUCKERTON ST
QUEENS, NY

NY SPILLS 90 | **S112395058**
N/A

Click here for full text details

NY SPILLS 90
Site Id 1212351
Status ACTIVE

S203
NE
< 1/8
0.098 mi.
517 ft.

Relative:
Lower

H.COLES CONSTRUCTION &SVCE
95-34 157 STREET
JAMAICA, NY 11433

NY SWF/LF | **S105841777**
N/A

Click here for full text details

S204
NE
< 1/8
0.100 mi.
529 ft.

Relative:
Higher

HOWARD BEACH UNIT SUB ST
157TH AV & 94TH ST
QUEENS, NY

NY Spills | **S106383046**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0312933 / 2004-04-23
Site ID 176414
Spill Date 2004-02-23

J205
East
< 1/8
0.101 mi.
532 ft.

Relative:
Lower

NYNEX
LIBERTY AVE & TUCKERTON AVE
JAMAICA QUEENS, NY

NY MANIFEST | **1009233511**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP000916361

K206
SE
< 1/8
0.101 mi.
535 ft.

Relative:
Lower

CITY MASON DIVISION OF S.R.M.
105 AVE. & 150TH STREET
JAMAICA, NY 11435

NY SWF/LF | **S105841242**
N/A

Click here for full text details

K207
SE
< 1/8
0.102 mi.
536 ft.

Relative:
Lower

SPILL NUMBER 0208998
150TH ST/105TH AV
QUEENS, NY

NY Spills | **S106009710**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0208998 / 2002-12-27
Site ID 192771
Spill Date 2002-12-02

Q208
SW
< 1/8
0.103 mi.
542 ft.

Relative:
Higher

CON EDISON
SUTPHON BLVD & 97 AV
QUEENS, NY 11432

NY MANIFEST | **S117538194**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004708426

O209
East
< 1/8
0.103 mi.
545 ft.

Relative:
Lower

LOT 319,TAXBLOCK 10108
TUCKERTON STREET
QUEENS, NY 11433

NY E DESIGNATION | **S108983571**
N/A

Click here for full text details

R210
SE
< 1/8
0.104 mi.
551 ft.

Relative:
Lower

LOT 35,TAXBLOCK 10061
105 AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983593**
N/A

Click here for full text details

R211
SE
< 1/8
0.105 mi.
557 ft.

Relative:
Lower

LOT 36,TAXBLOCK 10061
105 AVENUE
QUEENS, NY 11435

NY E DESIGNATION **S108983604**
N/A

Click here for full text details

O212
ENE
< 1/8
0.108 mi.
568 ft.

Relative:
Lower

IFO JUNK YARD
95-41 TUCKERTON STREET
QUEENS, NY

NY Spills **S108232133**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0605736 / 2006-08-28
Site ID 368961
Spill Date 2006-08-17

O213
ENE
< 1/8
0.108 mi.
568 ft.

Relative:
Lower

NYC DEP
95-41 TUCKERTON ST
QUEENS, NY 11433

RCRA NonGen / NLR **1014395412**
NY MANIFEST **NYP003663069**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP003663069

NY MANIFEST
EPA ID NYP003663069

T214
WNW
< 1/8
0.108 mi.
572 ft.

Relative:
Higher

CON EDISON
147-05 94TH AVE
JAMAICA, NY 11435

NY MANIFEST **S116043591**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004399515

T215
WNW
< 1/8
0.108 mi.
572 ft.

Relative:
Higher

CON EDISON
147-05 94TH AVE
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS
ECHO

1018277502
NYP004399515

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004399515

FINDS
Registry ID: 110067680717

ECHO
Registry ID 110067680717

T216
WNW
< 1/8
0.108 mi.
572 ft.

Relative:
Higher

LOT 42,TAXBLOCK 9998
147-05 94 AVENUE
QUEENS, NY 11435

NY E DESIGNATION

S108983657
N/A

Click here for full text details

T217
WNW
< 1/8
0.108 mi.
572 ft.

Relative:
Higher

93-43 SUTPHIN BLVD
93-43 SUTPHIN BLVD
NEW YORK CITY, NY

NY VCP

S125317245
N/A

Click here for full text details

T218
WNW
< 1/8
0.108 mi.
572 ft.

Relative:
Higher

LOT 43,TAXBLOCK 9998
93-43 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION

S108983665
N/A

Click here for full text details

P219
WSW
< 1/8
0.109 mi.
575 ft.

Relative:
Higher

LOT 14,TAXBLOCK 10026
95-26 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION

S108983291
N/A

Click here for full text details

P220
WSW
< 1/8
0.109 mi.
576 ft.

Relative:
Higher

LOT 12,TAXBLOCK 10026
95-14 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983246
N/A

P221
West
< 1/8
0.110 mi.
580 ft.

Relative:
Higher

LOT 27,TAXBLOCK 9993
94-20 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983518
N/A

U222
East
< 1/8
0.110 mi.
582 ft.

Relative:
Lower

COMMERCIAL LOT
95-65 TUCKERTON ST
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1212351 / 2018-03-05
Site ID 475498
Spill Date 2012-11-14

NY Spills

S112807574
N/A

Q223
SW
< 1/8
0.110 mi.
582 ft.

Relative:
Higher

LOT 23,TAXBLOCK 10026
95-38 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983444
N/A

V224
NE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

DRUM RUN
TUCKERTON STREET AND 157TH
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1012600 / 2011-04-05
Site ID 446776
Spill Date 2011-03-17

NY Spills

S110769158
N/A

V225
NE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

DRUM RUN
157TH ST AND TUCKERTON ST
JAMAICA, NY

NY Spills **S121119485**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1706620 / 2017-10-31
Site ID 560942
Spill Date 2017-10-06

O226
ENE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

A & J SCRAP METAL PROCESSING
95-49 TUCKERTON STREET
JAMAICA, NY 11433

NY SWF/LF **S108145830**
N/A

Click here for full text details

O227
ENE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

AJ SCRAP METAL
9549 TUCKERTON STREET
QUEENS, NY

NY Spills **S109060884**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 0713517 / 2008-08-01
Site ID 395282
Spill Date 2008-03-13

O228
ENE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

LIBERTY SCRAP METAL INC.
95-49 TUCKERTON STREET
JAMAICA, NY 11433

NY AST **A100317693**
N/A

Click here for full text details

NY AST
Facility Id 2-610668

O229
ENE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

JUNKYARD
95-49 TUCKERTON ST
QUEENS, NY

NY Spills **S109942840**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1213606 / 2012-12-20
Spill Number/Closed Date 0906446 / 2009-09-14
Site ID 476809
Site ID 418781
Spill Date 2012-12-17

JUNKYARD (Continued) **S109942840**

Spill Date 2009-09-03

O230
ENE
< 1/8
0.111 mi.
584 ft.

Relative:
Lower

PAVEMENT / STREET **NY Spills** **S121984741**
95-49 TUCKERTON ST **N/A**
QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 1800198 / 2018-04-09
Site ID 568684
Spill Date 2018-04-06

P231
West
< 1/8
0.111 mi.
585 ft.

Relative:
Higher

LOT 25,TAXBLOCK 9993 **NY E DESIGNATION** **S108983491**
94-18 SUTPHIN BOULEVARD **N/A**
QUEENS, NY 11435

Click here for full text details

Q232
SW
< 1/8
0.111 mi.
586 ft.

Relative:
Higher

97-18 SUTPHIN BLVD **NY VCP** **S125317254**
97-18 SUTPHIN BLVD **N/A**
NEW YORK CITY, NY

Click here for full text details

Q233
SSW
< 1/8
0.111 mi.
588 ft.

Relative:
Higher

BP JAMAICA **NY UST** **U001833045**
97-44 SUTPHIN BOULEVARD **NY Spills** **N/A**
JAMAICA, NY 11435

Click here for full text details

NY Spills
Spill Number/Closed Date 9408105 / 2009-09-16
Site ID 212031
Spill Date 1994-09-14

Q234
SSW
< 1/8
0.111 mi.
588 ft.

Relative:
Higher

BP JAMAICA **NY AST** **A100479219**
97-44 SUTPHIN BOULEVARD **N/A**
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-191426

Q235
SSW
< 1/8
0.111 mi.
588 ft.

Relative:
Higher

LIBERTY SUTPHIN SERVICE STN
97-44 SUTPHIN AVE
JAMAICA, NY 11432

Click here for full text details

EDR Hist Auto

1020323899
N/A

P236
West
< 1/8
0.112 mi.
591 ft.

Relative:
Higher

LOT 24,TAXBLOCK 9993
94-16 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983469
N/A

L237
South
< 1/8
0.112 mi.
592 ft.

Relative:
Higher

JAMAICA RECYCLING METAL HEAVEN
147-20 LIBERTY AVENUE
JAMAICA, NY 11433

Click here for full text details

NY SWRCY

S105842304
N/A

W238
SE
< 1/8
0.112 mi.
593 ft.

Relative:
Lower

LOT 22,TAXBLOCK 10062
150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983434
N/A

P239
WSW
< 1/8
0.112 mi.
593 ft.

Relative:
Higher

LOT 6,TAXBLOCK 10026
95-02 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983754
N/A

T240
WNW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

LOT 47,TAXBLOCK 9998
93-45 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION

S108983683
N/A

P241
West
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

LOT 23,TAXBLOCK 9993
94-14 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983459**
N/A

T242
West
< 1/8
0.114 mi.
601 ft.

Relative:
Higher

LIRR JOHNSON AVE YARD
94TH ST & SUTPHIN BLVD
JAMAICA, QUEENS, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 0107538 / 2005-05-26
Site ID 276186
Spill Date 2001-10-23

NY Spills **S105235632**
N/A

X243
South
< 1/8
0.114 mi.
602 ft.

Relative:
Higher

CITY TRANSIT MIX INC
147-16 LIBERTY AVE
JAMAICA, NY 11435

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0612956 / 2010-08-13
Site ID 377910
Spill Date 2007-03-02

NY SPDES
Permit Number NYR00D701
Limit Set Status Flag A

NY LTANKS **S108467813**
NY SPDES **N/A**

P244
West
< 1/8
0.114 mi.
604 ft.

Relative:
Higher

LOT 22,TAXBLOCK 9993
94-12 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION **S108983438**
N/A

P245
West
< 1/8
0.114 mi.
604 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 18607
94-12 SUTPHIN BLVD FRONT OF
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004450748

RCRA NonGen / NLR **1016971336**
NY MANIFEST **NYP004450748**

CON EDISON SERVICE BOX: 18607 (Continued) **1016971336**

NY MANIFEST
EPA ID NYP004450748

T246
West
< 1/8
0.115 mi.
606 ft.

Relative:
Higher

MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE
SUTPHIN BLVD & 94TH AVE
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1016455664
NYR000207696

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000207696

FINDS
Registry ID: 110058879922

ECHO
Registry ID 110058879922

NY MANIFEST
EPA ID NYR000207696

T247
West
< 1/8
0.115 mi.
606 ft.

Relative:
Higher

MTA LIRR - SUTPHIN BOULEVARD RAIL ROAD BRIDGE
SUTPHIN BLVD & 94TH AVE
JAMAICA, NY 11435

NJ MANIFEST

S120678997
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYR000207696

T248
West
< 1/8
0.115 mi.
606 ft.

Relative:
Higher

CON EDISON
SUTPHIN BLVD & 94TH AVE
JAMAICA, NY 11435

NY MANIFEST

S118708167
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004399531

X249
South
< 1/8
0.116 mi.
612 ft.

Relative:
Higher

CONCEPT AUTO REPAIRS INC.
147-12 LIBERTY AVENUE
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-605031

NY AST | **A100175345**
N/A

P250
West
< 1/8
0.117 mi.
617 ft.

Relative:
Higher

LOT 20,TAXBLOCK 9993
94-06 SUTPHIN BOULEVARD
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION | **S108983417**
N/A

R251
SSE
< 1/8
0.117 mi.
619 ft.

Relative:
Lower

CON ED
104-04 148TH ST
QUEENS, NY 11433

Click here for full text details

NY MANIFEST
EPA ID NYP004854820

NY MANIFEST | **S118463647**
N/A

O252
ENE
< 1/8
0.119 mi.
626 ft.

Relative:
Lower

NYNEX
95-40 157TH ST
JAMAICA, NY

Click here for full text details

NY Spills
Spill Number/Closed Date 9811495 / 2009-08-20
Site ID 87167
Spill Date 1998-12-12

NY Spills | **S109829577**
N/A

W253
SE
< 1/8
0.120 mi.
633 ft.

Relative:
Lower

LOT 23,TAXBLOCK 10062
150 STREET
QUEENS, NY 11435

Click here for full text details

NY E DESIGNATION | **S108983446**
N/A

U254
East
< 1/8
0.121 mi.
637 ft.

Relative:
Lower

SERVICE BOX #38864
IFO 155-11 LIBERTY AVE
QUEENS, NY

NY Spills **S104284942**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 9911146 / 2002-03-28
Site ID 275725
Spill Date 1999-12-21

U255
East
< 1/8
0.121 mi.
637 ft.

Relative:
Lower

LIBERTY SCRAP INC
155-11 LIBERTY AVE
QUEENS, NY

NY Spills **S119029600**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1609668 / Not Reported
Spill Number/Closed Date 1701220 / Not Reported
Site ID 538465
Site ID 548263
Spill Date 2017-01-19
Spill Date 2017-05-08

U256
East
< 1/8
0.121 mi.
637 ft.

Relative:
Lower

LSM AUTO PARTS
155-11 LIBERTY AVE
JAMAICA, NY

NY Spills **S122480992**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1804173 / Not Reported
Site ID 573837
Spill Date 2018-07-18

U257
East
< 1/8
0.121 mi.
637 ft.

Relative:
Lower

LOT 314,TAXBLOCK 10108
155-11 LIBERTY AVENUE
QUEENS, NY 11433

NY E DESIGNATION **S108983570**
N/A

Click here for full text details

U258
East
< 1/8
0.121 mi.
637 ft.

Relative:
Lower

IN ROAD
155- 11 LIBERTY AVE
JAMAICA, NY

NY Spills | **S122478784**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date 1801846 / Not Reported
Site ID 570396
Spill Date 2018-05-17

T259
West
< 1/8
0.124 mi.
654 ft.

Relative:
Higher

LOT 18,TAXBLOCK 9993
94-02 SUTPHIN BOULEVARD
QUEENS, NY 11435

NY E DESIGNATION | **S108983375**
N/A

Click here for full text details

Y260
North
< 1/8
0.125 mi.
658 ft.

Relative:
Higher

LOT 127,TAXBLOCK 9998
93-08 150 STREET
QUEENS, NY 11435

NY E DESIGNATION | **S108983271**
N/A

Click here for full text details

S261
NE
< 1/8
0.125 mi.
659 ft.

Relative:
Lower

GREENPEACE KLEEN INC
157-12 BEAVER RD
JAMAICA, NY 11433

RCRA NonGen / NLR | **1008374545**
NYR000132944

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000132944

T262
WNW
1/8-1/4
0.126 mi.
665 ft.

Relative:
Higher

TRI-BRO AUTO SVC INC
93-50 SUTPHIN BOULEVARD
JAMAICA, NY 11435

NY LTANKS
NY UST | **U003128058**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9907900 / 2004-12-28
Site ID 104840
Spill Date 1999-09-29

T263
WNW
1/8-1/4
0.126 mi.
665 ft.

Relative:
Higher

TRIBRO AUTO SERVICE INC
93-50 SUTPHIN BLVD
JAMAICA, NY 11435

RCRA NonGen / NLR **ICIS** **FINDS** **ECHO** **NY MANIFEST**

1001818256
NYR000077818

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000077818

ICIS
FRS ID: 110004557097

FINDS
Registry ID: 110004557097

ECHO
Registry ID 110004557097

NY MANIFEST
EPA ID NYR000077818

Z264
SW
1/8-1/4
0.127 mi.
673 ft.

Relative:
Higher

BAM MOBILE TRUCK & AUTO REPAIR INC.
97-16 SUTPHIN BOULEVARD
JAMAICA, NY 11435

NY AST

A100350460
N/A

Click here for full text details

NY AST
Facility Id 2-611329

T265
WNW
1/8-1/4
0.128 mi.
674 ft.

Relative:
Higher

LIRR
MORRIS PARK STORAGE YARD
QUEENS, NY

NY LTANKS

S104782474
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0008005 / 2004-05-18
Site ID 291518
Spill Date 2000-10-07

T266
WNW
1/8-1/4
0.130 mi.
684 ft.

Relative:
Higher

AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & N
93-40 SUTPHINE BLVD
JAMAICA, NY 11435

RCRA-VSQG **NY MANIFEST**

1012186716
NYR000165787

Click here for full text details

RCRA-VSQG
EPA Id NYR000165787

AIR TRAIN STATION - PORT AUTHORITY OF NEW YORK & NEW JERSEY (Continued) **1012186716**

NY MANIFEST
EPA ID NYR000165787

Z267
SSW
1/8-1/4
0.131 mi.
693 ft.

Relative:
Higher

TRI-US AUTO RADIATOR
97-20 SUTPHIN BLVD
JAMAICA, NY 11435

RCRA NonGen / NLR **1004762169**
FINDS **NYR000094227**
ECHO
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000094227

FINDS
Registry ID: 110004567157

ECHO
Registry ID 110004567157

NY MANIFEST
EPA ID NYR000094227

AA268
West
1/8-1/4
0.131 mi.
693 ft.

Relative:
Higher

145-07 95TH AVENUE
145-07 95TH AVENUE
NEW YORK CITY, NY

NY VCP **S118943575**
N/A

Click here for full text details

Y269
NNW
1/8-1/4
0.132 mi.
698 ft.

Relative:
Higher

148-12 ARCHER AVENUE
148-22 ARCHER AVENUE
NEW YORK CITY, NY

NY VCP **S125316849**
N/A

Click here for full text details

Y270
NNW
1/8-1/4
0.132 mi.
698 ft.

Relative:
Higher

CON EDISON
148-22 ARCHER AVE
QUEENS, NY 11435

NY MANIFEST **S116043686**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004400503

U271
East
1/8-1/4
0.133 mi.
702 ft.

Relative:
Lower

A-200 AUTO PARTS - AUTO GLASS INC
155-17 LIBERTY AVE
JAMAICA, NY 11433

NY AST **A100300205**
N/A

Click here for full text details

NY AST
Facility Id 2-610420

U272
East
1/8-1/4
0.133 mi.
702 ft.

Relative:
Lower

A 2000 AUTO PARTS 7 AUTO GLS INC
155-17 LIBERTY AVE
JAMAICA, NY 11433

NY SWF/LF **S108145607**
N/A

Click here for full text details

Y273
North
1/8-1/4
0.134 mi.
706 ft.

Relative:
Higher

ALLIED MOTOR SALES INC
93-04 150TH ST
JAMAICA, NY 11435

RCRA NonGen / NLR **1004756726**
NYD981489289

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD981489289

U274
East
1/8-1/4
0.134 mi.
707 ft.

Relative:
Lower

DO-RITE SALVAGE CORP.
155-19 LIBERTY AVENUE
JAMAICA, NY 11433

NY UST **U004046555**
N/A

Click here for full text details

U275
East
1/8-1/4
0.134 mi.
707 ft.

Relative:
Lower

DO-RITE SALVAGE CORP
155-19 LIBERTY AVE
JAMAICA, NY 11433

NY SWF/LF **S108145814**
N/A

Click here for full text details

Y276
North
1/8-1/4
0.135 mi.
711 ft.

Relative:
Higher

ARCHER AUTO SERVICE, INC.
14910 ARCHER AVENUE
JAMAICA, NY 11435

NY AST **A100380408**
N/A

Click here for full text details

NY AST
Facility Id 2-612019

Y277
North
1/8-1/4
0.135 mi.
715 ft.

Relative:
Higher

CON EDISON
93-02 150TH ST
JAMAICA, NY 11435

NJ MANIFEST **S120675336**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004822462

Y278
North
1/8-1/4
0.135 mi.
715 ft.

Relative:
Higher

CON EDISON
93-02 150TH ST
JAMAICA, NY 11435

NY MANIFEST **S119077187**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004822462

Y279
North
1/8-1/4
0.135 mi.
715 ft.

Relative:
Higher

CON EDISON
93-02 150TH ST
JAMAICA, NY 11435

RCRA NonGen / NLR **1019906561**
NYP004822462

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004822462

Y280
North
1/8-1/4
0.135 mi.
715 ft.

Relative:
Higher

93-02 150TH ST.
93-02 150 ST
JAMAICA, NY 11435

NY UST **U004118671**
N/A

Click here for full text details

Y281
North
1/8-1/4
0.138 mi.
727 ft.

Relative:
Higher

ALL STARS AUTO REPAIR OF QUEENS, INC.
14916 ARCHER AVENUE
JAMAICA, NY 11435

NY AST **A100380418**
N/A

Click here for full text details

NY AST
Facility Id 2-612031

AB282
NNW
1/8-1/4
0.138 mi.
730 ft.

Relative:
Higher

MST AUTO BODY & REPAIR INC.
148-12 ARCHER AVENUE
JAMAICA, NY 11435

NY AST **A100380407**
N/A

Click here for full text details

NY AST
Facility Id 2-612018

W283
SE
1/8-1/4
0.143 mi.
757 ft.

Relative:
Lower

AMERICAN TORAVE INC. TORQUE
105-22 150TH STREET
JAMAICA, NY 11435

NY AST **A100360412**
N/A

Click here for full text details

NY AST
Facility Id 2-611765

AC284
NE
1/8-1/4
0.148 mi.
779 ft.

Relative:
Higher

JAMAICA GAS & LIGHT
BEAVER RD., & 158TH ST.
QUEENS, NY 11451

NY VCP **S113922143**
N/A

Click here for full text details

NY VCP
Site Code 58323

AC285
NE
1/8-1/4
0.148 mi.
779 ft.

Relative:
Higher

K - JAMAICA GAS AND LIGHT MGP
BEAVER RD., & 158TH ST.
QUEENS, NY 11451

NY SHWS **S109580118**
N/A

Click here for full text details

NY SHWS
Site Code 378997

AC286
NE
1/8-1/4
0.148 mi.
779 ft.

Relative:
Higher

K - JAMAICA GAS & LIGHT MGP
BEAVER RD., & 158TH ST.
QUEENS, NY 11451

Click here for full text details

NY BROWNFIELDS
Site Code 58324

NY BROWNFIELDS **S113916546**
N/A

AA287
WSW
1/8-1/4
0.148 mi.
782 ft.

Relative:
Higher

CON EDISON
144-99 95TH AVE
JAMAICA, NY 11435

Click here for full text details

NJ MANIFEST
EPA Id NYP004745451

NJ MANIFEST **S120668506**
N/A

AA288
WSW
1/8-1/4
0.148 mi.
782 ft.

Relative:
Higher

CON EDISON
144-99 95TH AVE
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004745451

FINDS
Registry ID: 110067695060

ECHO
Registry ID 110067695060

RCRA NonGen / NLR **1018279704**
FINDS **NYP004745451**
ECHO

AA289
WSW
1/8-1/4
0.148 mi.
782 ft.

Relative:
Higher

CON EDISON
144-99 95TH AVE
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004745451

NY MANIFEST **S118708361**
N/A

Y290
North
1/8-1/4
0.148 mi.
783 ft.

Relative:
Higher

CON EDISON
150TH ST & ARCHER AVE
JAMAICA, NY 11435

RCRA NonGen / NLR **1019905887**
NYP004814717

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004814717

Y291
North
1/8-1/4
0.148 mi.
783 ft.

Relative:
Higher

CON EDISON
150TH ST & ARCHER AVE
JAMAICA, NY 11435

NY MANIFEST **S117059604**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004814717
EPA ID NYP004517819

Y292
North
1/8-1/4
0.148 mi.
783 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 9241
150TH ST & ARCHER AVE
JAMAICA, NY 11435

RCRA NonGen / NLR **1017773984**
FINDS **NYP004517819**
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004517819

FINDS
Registry ID: 110069695743

ECHO
Registry ID 110069695743

Y293
North
1/8-1/4
0.148 mi.
783 ft.

Relative:
Higher

CON EDISON
150TH ST & ARCHER AVE
JAMAICA, NY 11435

NJ MANIFEST **S120674632**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004814717

W294
SE
1/8-1/4
0.149 mi.
789 ft.

Relative:
Lower

BIG G AUTO, INC.
105-23 150TH STREET
JAMAICA, NY 11435

NY AST **A100157717**
N/A

Click here for full text details

NY AST
Facility Id 2-604364

AB295
NW
1/8-1/4
0.150 mi.
790 ft.

Relative:
Higher

CON EDISON
147-28 ARCHER AVE
QUEENS, NY 11432

NY MANIFEST **S116043595**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004399556

U296
East
1/8-1/4
0.151 mi.
796 ft.

Relative:
Lower

SAFEGUARD LIBERTY LLC
156-01 LIBERTY AVE
JAMAICA, NY 11433

RCRA NonGen / NLR **1011490524**
NY MANIFEST **NYR000157859**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000157859

NY MANIFEST
EPA ID NYR000157859

AD297
NW
1/8-1/4
0.152 mi.
800 ft.

Relative:
Higher

THE CROSSING AT JAMAICA STATION
147-22 ARCHER AVE
JAMAICA, NY 11435

RCRA-LQG **1023679069**
NYR000230482

Click here for full text details

RCRA-LQG
EPA Id NYR000230482

AD298
NW
1/8-1/4
0.152 mi.
800 ft.

Relative:
Higher

THE CROSSING AT JAMAICA STATION
147-22 ARCHER AVE
JAMAICA, NY 11435

NY MANIFEST **S120959668**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYR000230482

AD299
NW
1/8-1/4
0.152 mi.
800 ft.

Relative:
Higher

CJ PLAZA ONE LLC
147-22 ARCHER AVE
QUEENS, NY 11423

PA MANIFEST **S123093912**
N/A

Click here for full text details

PA MANIFEST
Generator EPA Id NYR000230482

AD300
NW
1/8-1/4
0.152 mi.
800 ft.

Relative:
Higher

147-22 ARCHER AVENUE - "THE CROSSING AT JAMAICA"
147-22 ARCHER AVENUE
NEW YORK CITY, NY

NY VCP **S125316848**
N/A

Click here for full text details

AD301
NW
1/8-1/4
0.152 mi.
800 ft.

Relative:
Higher

THE CROSSING AT JAMAICA STATION
147-22 ARCHER AVENUE
QUEENS, NY 11435

NY UST **U004289065**
N/A

Click here for full text details

Y302
North
1/8-1/4
0.153 mi.
809 ft.

Relative:
Higher

LIRR BRIDGE 06-0-095A
ABOVE 150TH ST BETWEEN ARCHER & 94TH AVES
JAMAICA, NY 11423

RCRA-SQG **1001079701**
NY MANIFEST **NYR000014084**

Click here for full text details

RCRA-SQG
EPA Id NYR000014084

NY MANIFEST
EPA ID NYR000014084

AA303
West
1/8-1/4
0.158 mi.
833 ft.

Relative:
Higher

CON EDISON
144-06 94TH AVE
JAMAICA, NY 11435

NY MANIFEST **S117062730**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004551107

AA304
West
1/8-1/4
0.158 mi.
833 ft.

Relative:
Higher

CON EDISON
144-06 94TH AVE
JAMAICA, NY 11435

RCRA NonGen / NLR **1017777219**
NYP004551107

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004551107

AD305
NW
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CON EDISON - SERVICE BOX 16340
147-12 ARCHER AVE. AND SUPTHIN
JAMAICA, NY 11435

RCRA-LQG **1016966839**
NYP004396784

Click here for full text details

RCRA-LQG
EPA Id NYP004396784

AD306
NW
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CON EDISON
147-12 ARCHER AVE & SUPTHIN BL
JAMAICA, NY 11435

NY MANIFEST **S119073840**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004396784

AE307
North
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CON EDISON
151-61 N ARCHER AVE
JAMAICA, NY 11433

NY MANIFEST **S119076867**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004815045

AE308
North
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CON EDISON
151-61 N ARCHER AVE
JAMAICA, NY 11433

NJ MANIFEST **S120674663**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004815045

AE309
North
1/8-1/4
0.161 mi.
849 ft.

Relative:
Higher

CON EDISON
151-61 N ARCHER AVE
JAMAICA, NY 11433

RCRA NonGen / NLR **1019905917**
NYP004815045

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004815045

AF310
South
1/8-1/4
0.162 mi.
854 ft.

Relative:
Lower

CON EDISON MANHOLE: 2926
SUTPHIN BLVD & 105TH AVE NW
JAMAICA, NY 11405

RCRA NonGen / NLR **1017777143**
FINDS **NYP004550307**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004550307

FINDS
Registry ID: 110063813048

AF311
South
1/8-1/4
0.162 mi.
854 ft.

Relative:
Lower

CON EDISON
SUTPHIN BLVD & 105TH AVE NW
JAMAICA, NY 11405

NY MANIFEST **S117736666**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004550307

AG312
ESE
1/8-1/4
0.162 mi.
857 ft.

Relative:
Lower

TUSCAN DAIRY GARAGE
155-25 STYLER RD
JAMAICA, NY 11433

RCRA NonGen / NLR **1000552408**
NYD986948073

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD986948073

AG313
ESE
1/8-1/4
0.162 mi.
857 ft.

Relative:
Lower

HONEYWELL FARMS
155-25 STYLER ROAD
JAMAICA, NY 11433

NY LTANKS **U000400282**
NY UST **N/A**
NY CBS
NY Spills

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9203003 / 2006-03-31
Site ID 253301
Spill Date 1991-12-01

NY CBS

HONEYWELL FARMS (Continued) **U000400282**

Facility Status Unregulated/Closed
CBS Number 2-000057

NY Spills
Spill Number/Closed Date 0507050 / 2005-09-12
Site ID 352371
Spill Date 2005-09-11

AG314
ESE
1/8-1/4
0.162 mi.
857 ft.

Relative:
Lower

HONEYWELL FARMS **NY AST** **A100410440**
155-25 STYLER ROAD **N/A**
JAMAICA, NY 11433

Click here for full text details

NY AST
Facility Id 2-268445

AB315
NNW
1/8-1/4
0.163 mi.
860 ft.

Relative:
Higher

SALVATION ARMY STORE **NY AST** **U000400123**
148-15 ARCHER AVE **N/A**
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-257672

AB316
NNW
1/8-1/4
0.164 mi.
867 ft.

Relative:
Higher

EBY ELECTRO INC **RCRA NonGen / NLR** **1000111767**
148-05 ARCHER AVE **FINDS** **NYD001529247**
JAMAICA, NY 11435 **ECHO**
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD001529247

FINDS
Registry ID: 110004335292

ECHO
Registry ID 110004335292

NY MANIFEST
EPA ID NYD001529247

AD317
NW
1/8-1/4
0.166 mi.
876 ft.

Relative:
Higher

CHEMICAL BANK
93-01 SUTPHIN BLVD
JAMAICA, NY 11435

NY AST **U004076841**
N/A

Click here for full text details

NY AST
Facility Id 2-153605

AH318
SSE
1/8-1/4
0.166 mi.
878 ft.

Relative:
Lower

ALMEIDA CONCRETE
105-24 148 STREET
JAMAICA, NY 11435

NY AST **A100429488**
N/A

Click here for full text details

NY AST
Facility Id 2-612639

Y319
North
1/8-1/4
0.167 mi.
880 ft.

Relative:
Higher

CON EDISON
92-12 150TH ST FRONT OF
JAMAICA, NY 11435

NY MANIFEST **S118086953**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004487666

Y320
North
1/8-1/4
0.167 mi.
880 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 21077
92-12 150TH ST FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR **1017771821**
FINDS **NYP004487666**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004487666

FINDS
Registry ID: 110063799322

AD321
NW
1/8-1/4
0.171 mi.
903 ft.

Relative:
Higher

MOTOR TECH
147-23 ARCHER AVE
JAMAICA, NY 11436

NY UST **1001029188**
RCRA NonGen / NLR **NYU005000146**
FINDS
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id NYU005000146

FINDS

MOTOR TECH (Continued) **1001029188**

Registry ID: 110022443818
Registry ID: 110004568281

ECHO
Registry ID 110004568281

AG322
ESE
1/8-1/4
0.171 mi.
903 ft.

Relative:
Lower

HONEYWELL FARMS,INC. **NY CBS AST** **S102638235**
155-25 STYLER ROAD **N/A**
JAMICA, NY 11433

Click here for full text details

NY CBS AST
Facility Status IN SERVICE
Facility Status 1
CBS Number 2-000057

AI323
WNW
1/8-1/4
0.172 mi.
908 ft.

Relative:
Higher

CON EDISON **RCRA NonGen / NLR** **1019902628**
93-10 SUTPHIN BLVD **NYP004776001**
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004776001

AI324
WNW
1/8-1/4
0.172 mi.
908 ft.

Relative:
Higher

CON EDISON **NJ MANIFEST** **S120671186**
93-10 SUTPHIN BLVD **N/A**
JAMAICA, NY 11435

Click here for full text details

NJ MANIFEST
EPA Id NYP004776001

AI325
WNW
1/8-1/4
0.172 mi.
908 ft.

Relative:
Higher

CON EDISON **NY MANIFEST** **S119074915**
93-10 SUTPHIN BLVD **N/A**
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004776001

AI326
WNW
1/8-1/4
0.173 mi.
916 ft.

Relative:
Higher

LIRR - JAMAICA STATION
93-02 SUTPHIN BOULEVARD
JAMAICA, NY 11435

NY TANKS
NY Spills

U001841404
N/A

Click here for full text details

NY TANKS
Site Status Active
Facility Id 2-600338

NY Spills
Spill Number/Closed Date 0650386 / 2015-08-13
Site ID 365446
Spill Date 1994-06-01

AI327
WNW
1/8-1/4
0.173 mi.
916 ft.

Relative:
Higher

LIRR JAMAICA STATION
9302 SUTPHIN BOULEVARD
JAMAICA, NY 11435

RCRA-LQG
NJ MANIFEST
NY MANIFEST

1005417373
NYR000104992

Click here for full text details

RCRA-LQG
EPA Id NYR000104992

NJ MANIFEST
EPA Id NYR000104992

NY MANIFEST
EPA ID NYR000104992

AB328
NNW
1/8-1/4
0.174 mi.
917 ft.

Relative:
Higher

92-18 149TH ST.
92-18 149TH ST.
JAMAICA, NY 11435

NY UST

U003652092
N/A

Click here for full text details

AC329
NE
1/8-1/4
0.175 mi.
925 ft.

Relative:
Higher

JAMAICA GAS AND LIGHT
BEAVER RD., AND 158TH ST.
JAMAICA, NY 11451

EDR MGP

1008407956
N/A

Click here for full text details

330
SE
1/8-1/4
0.177 mi.
932 ft.

Relative:
Lower

CON EDISON
STYLER RD & TUCKERTON ST
QUEENS, NY 11432

NY MANIFEST | **S117315959**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004631776

AJ331
ENE
1/8-1/4
0.177 mi.
932 ft.

Relative:
Lower

EWG GLASS RECOVERY AND RECYCLING158THSTREET
94-54 158TH STREET
JAMAICA, NY 11433

NY SWRCY | **S109375843**
N/A

Click here for full text details

AH332
SE
1/8-1/4
0.181 mi.
958 ft.

Relative:
Lower

CON EDISON
106-04 150 ST
JAMAICA, NY 11435

NY MANIFEST | **1016965540**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004384111

AH333
SE
1/8-1/4
0.181 mi.
958 ft.

Relative:
Lower

CON EDISON - SERVICE BOX 21253
106-04 150 ST
JAMAICA, NY 11435

RCRA-LQG | **1016965539**
NYP004384111

Click here for full text details

RCRA-LQG
EPA Id NYP004384111

AF334
South
1/8-1/4
0.183 mi.
965 ft.

Relative:
Higher

V-M AUTO COLLISION WORKS FORMER
105-06 SUTPHIN BLVD
JAMAICA, NY 11435

RCRA NonGen / NLR | **1000102731**
NY MANIFEST | **NYD981874456**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD981874456

NY MANIFEST
EPA ID NYD981874456

AF335
South
1/8-1/4
0.186 mi.
982 ft.

Relative:
Higher

T & H GARAGE
105-20 SUTPHIN BLVD.
JAMAICA, NY 11434

NY AST **A100382368**
N/A

Click here for full text details

NY AST
Facility Id 2-603382

AK336
NNW
1/8-1/4
0.188 mi.
992 ft.

Relative:
Higher

CON EDISON
149-02 JAMAICA AVE
JAMAICA, NY 11435

NY MANIFEST **S117060449**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004526745

AK337
NNW
1/8-1/4
0.188 mi.
992 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 34980
149-02 JAMAICA AVE
JAMAICA, NY 11435

RCRA NonGen / NLR **1017774856**
FINDS **NYP004526745**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004526745

FINDS
Registry ID: 110063795326

AD338
NW
1/8-1/4
0.188 mi.
993 ft.

Relative:
Higher

E & M AUTO BODY
92-21 147TH PL
JAMAICA, NY 11435

RCRA NonGen / NLR **1000122621**
FINDS **NYD982272593**
ECHO
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id NYD982272593

FINDS
Registry ID: 110004417890

ECHO
Registry ID 110004417890

NY MANIFEST
EPA ID NYD982272593

AD339
NW
1/8-1/4
0.189 mi.
996 ft.

Relative:
Higher

CON EDISON
92-19 147 PL
QUEENS, NY 11432

Click here for full text details

NY MANIFEST
EPA ID NYP004700019

Database(s): NY MANIFEST
EDR ID Number: S117537439
EPA ID Number: N/A

AL340
West
1/8-1/4
0.189 mi.
997 ft.

Relative:
Higher

CON ED
144-27 94TH AVE
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004828606

Database(s): NY MANIFEST
EDR ID Number: S119077369
EPA ID Number: N/A

AL341
West
1/8-1/4
0.189 mi.
997 ft.

Relative:
Higher

CON EDISON
144-27 94TH AVE
JAMAICA, NY 11435

Click here for full text details

NJ MANIFEST
EPA Id NYP004828606

Database(s): NJ MANIFEST
EDR ID Number: S120675793
EPA ID Number: N/A

AL342
West
1/8-1/4
0.189 mi.
997 ft.

Relative:
Higher

AIR TRAIN - PARKING LOT
144-27 94TH AVENUE
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-610378

Database(s): NY AST
EDR ID Number: A100300208
EPA ID Number: N/A

AL343
West
1/8-1/4
0.189 mi.
997 ft.

Relative:
Higher

CON EDISON
144-27 94TH AVE
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004828606

Database(s): RCRA NonGen / NLR
EDR ID Number: 1019906966
EPA ID Number: NYP004828606

AE344
North
1/8-1/4
0.189 mi.
998 ft.

Relative:
Higher

RESIDENCE
8808 151ST AVE
QUEENS, NY

NY LTANKS **S118462560**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 1510485 / 2016-03-02
Site ID 521170
Spill Date 2016-01-26

AL345
West
1/8-1/4
0.189 mi.
1000 ft.

Relative:
Higher

144-02 94TH AVENUE
144-02 94TH AVENUE
NEW YORK CITY, NY

NY VCP **S125316842**
N/A

Click here for full text details

AG346
ESE
1/8-1/4
0.190 mi.
1001 ft.

Relative:
Lower

CON EDISON
105-24 156 ST FRNT
JAMAICA, NY 11434

NY MANIFEST **S117737873**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004685863

347
NNE
1/8-1/4
0.190 mi.
1002 ft.

Relative:
Higher

CON EDISON - SERVICE BOX 68598
153 ST AND ARCHER AVE
JAMAICA, NY 11432

RCRA-LQG **1016967066**
NY MANIFEST **NYP004400495**

Click here for full text details

RCRA-LQG
EPA Id NYP004400495

NY MANIFEST
EPA ID NYP004400495

AI348
NW
1/8-1/4
0.192 mi.
1013 ft.

Relative:
Higher

MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES
SUTPHIN BLVD & ARCHER AVE
JAMAICA, NY 11435

RCRA-SQG **1001090438**
NY MANIFEST **NYR000022756**

Click here for full text details

RCRA-SQG
EPA Id NYR000022756

NY MANIFEST

MTA NYCT - SUTPHIN BLVD AVE STATION E J Z LINES (Continued) **1001090438**

EPA ID NYR000022756

AI349
NW
1/8-1/4
0.192 mi.
1013 ft.

Relative:
Higher

CON EDISON **NY MANIFEST** **S117736241**
ARCHER AVE & SUTPHIN BLVD **N/A**
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004483442

AI350
NW
1/8-1/4
0.192 mi.
1013 ft.

Relative:
Higher

CON EDISON **NY MANIFEST** **S118708166**
SUTPHIN BLVD & ARCHER AVE **N/A**
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004399523

AI351
NW
1/8-1/4
0.192 mi.
1013 ft.

Relative:
Higher

CON EDISON **RCRA NonGen / NLR** **1017771407**
ARCHER AVE & SUTPHIN BLVD **NYP004483442**
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004483442

AI352
NW
1/8-1/4
0.192 mi.
1013 ft.

Relative:
Higher

CON EDISON **RCRA NonGen / NLR** **1018277503**
SUTPHIN BLVD & ARCHER AVE **NYP004399523**
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004399523

AM353
North
1/8-1/4
0.192 mi.
1014 ft.

Relative:
Higher

NEW YORK CITY POLICE DEPARTMENT **RCRA-LQG** **1004761382**
150-14 JAMAICA AVE **NY Spills** **NYR000086314**
JAMAICA, NY 11432 **FINDS**
ECHO
NJ MANIFEST
NY MANIFEST

Click here for full text details

RCRA-LQG
EPA Id NYR000086314

NY Spills

NEW YORK CITY POLICE DEPARTMENT (Continued) **1004761382**

Spill Number/Closed Date 0406294 / 2004-10-27
Site ID 105770
Spill Date 2004-09-08

FINDS
Registry ID: 110004562303

ECHO
Registry ID 110004562303

NJ MANIFEST
EPA Id NYR000086314

NY MANIFEST
EPA ID NYR000086314

AM354
North
1/8-1/4
0.192 mi.
1014 ft.

Relative:
Higher

FORENSIC INVESTIGATIONS DIVISION **NY AST** **A100157729**
150-14 JAMAICA AVENUE **N/A**
JAMAICA, NY 11342

Click here for full text details

NY AST
Facility Id 2-604386

AN355
WSW
1/8-1/4
0.193 mi.
1019 ft.

Relative:
Higher

CON EDISON **NY MANIFEST** **S117064499**
95TH AVE & LIVERPOOL ST **N/A**
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004569927

AN356
WSW
1/8-1/4
0.193 mi.
1019 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 6091 **RCRA NonGen / NLR** **1017779028**
95TH AVE & LIVERPOOL ST **NYP004569927**
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004569927

357
ESE
1/8-1/4
0.195 mi.
1029 ft.

Relative:
Lower

HONEYWELL FARMS,INC
105-29 156TH STREET
JAMAICA, NY 11433

NY UST **U000412040**
N/A

Click here for full text details

AD358
NW
1/8-1/4
0.196 mi.
1036 ft.

Relative:
Higher

CON ED
90-79 SUTPHIN BLVD
JAMAICA, NY 11435

NY MANIFEST **S118463599**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004854093

AD359
NW
1/8-1/4
0.196 mi.
1036 ft.

Relative:
Higher

CON EDISON - SERVICE BOX 68765
90-79 SUTPHIN BLVD
JAMAICA, NY 11435

NJ MANIFEST **S120677700**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004854093

AD360
NW
1/8-1/4
0.196 mi.
1036 ft.

Relative:
Higher

CON EDISON - SERVICE BOX 68765
90-79 SUTPHIN BLVD
JAMAICA, NY 11435

RCRA-LQG **1019325743**
NYP004854093

Click here for full text details

RCRA-LQG
EPA Id NYP004854093

AI361
NW
1/8-1/4
0.198 mi.
1046 ft.

Relative:
Higher

CON EDISON
90-83 SUTPHIN BLVD
QUEENS, NY 11435

NY MANIFEST **S116043687**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004400511

AK362
NNW
1/8-1/4
0.199 mi.
1052 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 8385
149TH ST & JAMAICA AVE
JAMAICA, NY 11435

RCRA NonGen / NLR **1017774857**
NYP004526752

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004526752

AK363
NNW
1/8-1/4
0.199 mi.
1052 ft.

Relative:
Higher

CON EDISON
149TH ST & JAMAICA AVE
JAMAICA, NY 11435

NY MANIFEST **S117060450**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004526752

AL364
West
1/8-1/4
0.202 mi.
1064 ft.

Relative:
Higher

CON EDISON
94TH AVE & LIVERPOOL AVE
JAMAICA, NY 11435

NY MANIFEST **S117741339**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004745642

AL365
West
1/8-1/4
0.202 mi.
1064 ft.

Relative:
Higher

CON EDISON
94TH AVE & LIVERPOOL AVE
JAMAICA, NY 11435

NJ MANIFEST **S120668523**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004745642

AL366
West
1/8-1/4
0.202 mi.
1064 ft.

Relative:
Higher

CON EDISON
SUTPHIN BLVD & 94TH AVE
JAMAICA, NY 11435

RCRA NonGen / NLR **1018277504**
FINDS **NYP004399531**
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004399531

FINDS
Registry ID: 110067680726

ECHO

CON EDISON (Continued) **1018277504**

Registry ID 110067680726

AL367
West
1/8-1/4
0.202 mi.
1064 ft.

Relative:
Higher

CON EDISON **RCRA NonGen / NLR** **1018279722**
94TH AVE & LIVERPOOL AVE **NYP004745642**
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004745642

AK368
North
1/8-1/4
0.206 mi.
1090 ft.

Relative:
Higher

CON EDISON **NY MANIFEST** **S117060447**
149-23 JAMAICA AVE FRONT OF **N/A**
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004526729

AK369
North
1/8-1/4
0.206 mi.
1090 ft.

Relative:
Higher

CON EDISON **RCRA NonGen / NLR** **1019907955**
149-23 JAMAICA AVE **NYP004840290**
JAMAICA, NY 11435

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004840290

AK370
North
1/8-1/4
0.206 mi.
1090 ft.

Relative:
Higher

CON EDISON **RCRA NonGen / NLR** **1017774854**
149-23 JAMAICA AVE **FINDS** **NYP004526729**
JAMAICA, NY 11435 **ECHO**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004526729

FINDS
Registry ID: 110069649624

ECHO
Registry ID 110069649624

AL371
West
1/8-1/4
0.207 mi.
1091 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 6092
94-08 LIVERPOOL ST FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
NY MANIFEST

1016965602
NYP004384731

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004384731

NY MANIFEST
EPA ID NYP004384731

AK372
NNW
1/8-1/4
0.207 mi.
1095 ft.

Relative:
Higher

CON EDISON
149-13 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

NY MANIFEST

S118087448
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004526737

AK373
NNW
1/8-1/4
0.207 mi.
1095 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 58441
149-13 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
FINDS

1017774855
NYP004526737

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004526737

FINDS
Registry ID: 110063795317

AO374
NNE
1/8-1/4
0.209 mi.
1103 ft.

Relative:
Higher

NEW QUEENS FAMILY COURT
151-20 JAMAICA AVENUE
QUEENS, NY 11432

NY AST

A100354072
N/A

Click here for full text details

NY AST
Facility Id 2-610545

AI375
NW
1/8-1/4
0.214 mi.
1131 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 68743
146-17 ARCHER AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
NY MANIFEST

1016966840
NYP004396792

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004396792

NY MANIFEST
EPA ID NYP004396792

AK376
NNW
1/8-1/4
0.216 mi.
1141 ft.

Relative:
Higher

CON EDISON - MANHOLE M13605
149-01 JAMAICA AVE
QUEENS, NY 11435

NY MANIFEST

S120958674
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004955751

AJ377
ENE
1/8-1/4
0.218 mi.
1153 ft.

Relative:
Lower

FDA - QUEENS
158-15 LIBERTY AVE
JAMAICA, NY 11433

NJ MANIFEST

S120678718
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYR000085233

AJ378
ENE
1/8-1/4
0.218 mi.
1153 ft.

Relative:
Lower

US CUSTOMS LABORATORY
158-15 LIBERTY AVE REAR OF 1ST FLR
JAMAICA, NY 11433

RCRA-VSQG
FINDS
ECHO

1004763040
NYR000103002

Click here for full text details

RCRA-VSQG
EPA Id NYR000103002

FINDS
Registry ID: 110012190841

ECHO
Registry ID 110012190841

AJ379
ENE
1/8-1/4
0.218 mi.
1153 ft.

Relative:
Lower

DEPARTMENT OF HOMELAND SECURITY
158-15 LIBERTY AVE
JAMAICA, NY 11433

NY MANIFEST **S119078771**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYR000103002

AJ380
ENE
1/8-1/4
0.218 mi.
1153 ft.

Relative:
Lower

FDA - QUEENS
158-15 LIBERTY AVENUE
JAMAICA, NY 11433

RCRA-LQG **1001961702**
NY Spills **NYR000085233**
FINDS
ECHO
NY MANIFEST

Click here for full text details

RCRA-LQG
EPA Id NYR000085233

NY Spills
Spill Number/Closed Date 9910102 / 1999-11-22
Site ID 300281
Spill Date 1999-11-19

FINDS
Registry ID: 110004561705

ECHO
Registry ID 110004561705

NY MANIFEST
EPA ID NYR000085233

AJ381
ENE
1/8-1/4
0.218 mi.
1153 ft.

Relative:
Lower

FDA QUEENS L.P
158-15 LIBERTY AVE
JAMAICA, NY 11433

NY UST **U004046734**
N/A

Click here for full text details

AP382
NW
1/8-1/4
0.219 mi.
1158 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 10719
147-20 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR **1017771565**
FINDS **NYP004485058**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004485058

FINDS

CON EDISON SERVICE BOX: 10719 (Continued) **1017771565**

Registry ID: 110063783419

AP383
NW
1/8-1/4
0.219 mi.
1158 ft.

Relative:
Higher

CON EDISON **NY MANIFEST** **S116297032**
147-20 JAMAICA AVE FRONT OF **N/A**
JAMAICA, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004485058

AP384
NW
1/8-1/4
0.219 mi.
1158 ft.

Relative:
Higher

CON ED **NY MANIFEST** **S118463576**
147-20 JAMAICA AVE **N/A**
QUEENS, NY 11435

Click here for full text details

NY MANIFEST
EPA ID NYP004853780

AQ385
ESE
1/8-1/4
0.223 mi.
1177 ft.

Relative:
Lower

CON EDISON **RCRA NonGen / NLR** **1019905174**
SOUTH RD & 155TH ST **FINDS** **NYP004806675**
JAMAICA, NY 11433 **ECHO**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004806675

FINDS
Registry ID: 110069670788

ECHO
Registry ID 110069670788

AQ386
ESE
1/8-1/4
0.223 mi.
1177 ft.

Relative:
Lower

CON EDISON **NJ MANIFEST** **S120673878**
SOUTH RD & 155TH ST **N/A**
JAMAICA, NY 11433

Click here for full text details

NJ MANIFEST
EPA Id NYP004806675

AP387
NW
1/8-1/4
0.223 mi.
1180 ft.

Relative:
Higher

SCACCIA JAMAICA PLANT
147-16 JAMAICA AVE
JAMAICA, NY 11435

NY UST **U001835326**
N/A

Click here for full text details

AR388
NW
1/8-1/4
0.224 mi.
1184 ft.

Relative:
Higher

CON EDISON
91-04 SUTPHIN BLVD
JAMAICA, NY 11435

RCRA NonGen / NLR **1018277501**
FINDS **NYP004399507**
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004399507

FINDS
Registry ID: 110067680708

ECHO
Registry ID 110067680708

AR389
NW
1/8-1/4
0.224 mi.
1184 ft.

Relative:
Higher

CON EDISON
91-04 SUTPHIN BLVD
JAMAICA, NY 11435

NY MANIFEST **S118708165**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004399507

AP390
NW
1/8-1/4
0.225 mi.
1188 ft.

Relative:
Higher

CON EDISON - MANHOLE 19803
147 ST & JAMAICA AVE
QUEENS, NY 11435

NY MANIFEST **S120958975**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004981062

AS391
SSW
1/8-1/4
0.225 mi.
1190 ft.

Relative:
Higher

CON EDISON MANHOLE: 2945
101ST AVE & LIVERPOOL ST NW
JAMAICA, NY 11435

RCRA NonGen / NLR **1016965867**
NY MANIFEST **NYP004387254**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004387254

CON EDISON MANHOLE: 2945 (Continued) **1016965867**

NY MANIFEST
EPA ID NYP004387254

AJ392
ENE
1/8-1/4
0.225 mi.
1190 ft.

Relative:
Lower

K - JAMAICA HOLDER STATION
158TH ST. & LIBERTY AVE.
QUEENS, NY 11451

NY SHWS **S109580113**
NY BROWNFIELDS **N/A**

Click here for full text details

NY SHWS
Site Code 378996

NY BROWNFIELDS
Site Code 57405

AO393
NNE
1/8-1/4
0.226 mi.
1191 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 11291
152-27 JAMAICA AVE SB11291
JAMAICA, NY 11432

RCRA NonGen / NLR **1017774415**
FINDS **NYP004522264**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004522264

FINDS
Registry ID: 110063773545

AO394
NNE
1/8-1/4
0.226 mi.
1191 ft.

Relative:
Higher

CON EDISON
152-27 JAMAICA AVE SB11291
JAMAICA, NY 11432

NY MANIFEST **S117060021**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004522264

AQ395
ESE
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Lower

T N T RECYCLING
154-20 SOUTH AVENUE
JAMAICA, NY 11433

NY SWRCY **S123268042**
N/A

Click here for full text details

AQ396
ESE
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Lower

T&T RECYCLING
154-20 SOUTH ROAD
JAMAICA, NY 11433

NY SWRCY **S117392703**
N/A

Click here for full text details

AQ397
ESE
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Lower

NATIONWIDE SCRAP
154-20 SOUTH ROAD
JAMAICA, NY 11433

NY SWRCY **S108294070**
N/A

Click here for full text details

AQ398
ESE
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Lower

NATIONWIDE RECYCLING CENTER
154-20 SOUTH ROAD
JAMAICA, NY 11433

NY SWRCY **S105842306**
N/A

Click here for full text details

AP399
NNW
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 44829
148-05 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR **1016972307**
NY MANIFEST **NYP004460754**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004460754

NY MANIFEST
EPA ID NYP004460754

AP400
NNW
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 44829
148-05 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

NJ MANIFEST **S120666108**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004460754

AQ401
ESE
1/8-1/4
0.226 mi.
1192 ft.

Relative:
Lower

BABYLON PAPER RECYCLING
JAMAICA
QUEENS, NY 12345

NY SWRCY **S122985572**
N/A

Click here for full text details

AT402
SE
1/8-1/4
0.227 mi.
1200 ft.

Relative:
Lower

CON EDISON
150TH ST & SOUTH RD
JAMAICA, NY 11435

NJ MANIFEST **S120672934**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYP004795910

AT403
SE
1/8-1/4
0.227 mi.
1200 ft.

Relative:
Lower

CON EDISON
150TH ST & SOUTH RD
JAMAICA, NY 11435

RCRA NonGen / NLR **1019904273**
NYP004795910

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004795910

AT404
SE
1/8-1/4
0.227 mi.
1200 ft.

Relative:
Lower

CON EDISON
150TH ST & SOUTH RD
JAMAICA, NY 11435

NY MANIFEST **S119075954**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004795910

405
SSE
1/8-1/4
0.228 mi.
1204 ft.

Relative:
Lower

SUTPHIN AUTO REPAIRS & ELECTRICAL INC.
106-15 SUTPHIN BLVD
JAMAICA, NY 11435

NY AST **A100147115**
N/A

Click here for full text details

NY AST
Facility Id 2-604116

AL406
West
1/8-1/4
0.228 mi.
1205 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 18489
143-22 94TH AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
NY MANIFEST

1016966109
NYP004389656

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004389656

NY MANIFEST
EPA ID NYP004389656

AP407
NW
1/8-1/4
0.229 mi.
1211 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 57405
147-10 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
NY MANIFEST

1016972308
NYP004460762

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004460762

NY MANIFEST
EPA ID NYP004460762

AP408
NW
1/8-1/4
0.232 mi.
1223 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 1282
147-08 JAMAICA AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR
NY MANIFEST

1016972309
NYP004460770

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004460770

NY MANIFEST
EPA ID NYP004460770

AO409
NNE
1/8-1/4
0.235 mi.
1241 ft.

Relative:
Higher

CON EDISON
JAMAICA AVE & 153RD ST
JAMAICA, NY 11432

NY MANIFEST

1016960943
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004332409

AT410
SSE
1/8-1/4
0.235 mi.
1242 ft.

Relative:
Lower

MIDLAND CARTING INC
147-11 SOUTH RD
JAMAICA, NY 11432

RCRA NonGen / NLR **1015754417**
NYR000198580

Click here for full text details

RCRA NonGen / NLR
EPA Id NYR000198580

AT411
SSE
1/8-1/4
0.235 mi.
1242 ft.

Relative:
Lower

106-19 SUTPHIN BOULEVARD
147-11 SOUTH ROAD
JAMAICA, NY 11435

NY AST **A100384622**
N/A

Click here for full text details

NY AST
Facility Id 2-612147

AT412
SSE
1/8-1/4
0.236 mi.
1246 ft.

Relative:
Lower

CON ED
147-29 SOUTH ROAD
QUEENS, NY 11435

NY MANIFEST **S118463589**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004853988

AT413
SSE
1/8-1/4
0.236 mi.
1246 ft.

Relative:
Lower

ABS ALTERNATOR & STARTER, AXLE REPAIR SERVICE INC
147-29 SOUTH ROAD
JAMAICA, NY 11435

NY AST **A100318927**
N/A

Click here for full text details

NY AST
Facility Id 2-610773

AS414
SW
1/8-1/4
0.237 mi.
1253 ft.

Relative:
Higher

CON EDISON SERVICE BOX: 35981
143-41 101ST AVE FRONT OF
JAMAICA, NY 11435

RCRA NonGen / NLR **1016965641**
NY MANIFEST **NYP004385118**

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004385118

NY MANIFEST
EPA ID NYP004385118

AU415
WNW
1/8-1/4
0.240 mi.
1265 ft.

Relative:
Higher

PRECISE AUTO REPAIR CENTER INC.
91-24 146TH STREET
JAMAICA, NY 11435

Click here for full text details

NY UST **U004197459**
N/A

AV416
NNW
1/8-1/4
0.244 mi.
1286 ft.

Relative:
Higher

JAMAICA SEVEN LLC
90-36 149TH ST
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-244317

NY AST **U003387264**
N/A

417
NNE
1/8-1/4
0.244 mi.
1287 ft.

Relative:
Higher

153-19 TO 27 JAMAICA AVE
153-19 TO 27 JAMAICA AVENUE
JAMAICA, NY 11432

Click here for full text details

NY UST **U001835706**
N/A

418
West
1/8-1/4
0.244 mi.
1290 ft.

Relative:
Higher

VITA PARTS INC
143-14 94TH AVENUE
JAMAICA, NY 11435

Click here for full text details

NY AST
Facility Id 2-610421

NY AST **A100300305**
N/A

AO419
NNE
1/8-1/4
0.245 mi.
1295 ft.

Relative:
Higher

CON EDISON
153-05 JAMAICA AVE
JAMAICA, NY 11432

Click here for full text details

NJ MANIFEST
EPA Id NYP004834418

NJ MANIFEST **S120676332**
N/A

AO420
NNE
1/8-1/4
0.245 mi.
1295 ft.

Relative:
Higher

CON ED
153-05 JAMAICA AVE
JAMAICA, NY 11432

NY MANIFEST | **S119077591**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004834418

AO421
NNE
1/8-1/4
0.245 mi.
1295 ft.

Relative:
Higher

CON EDISON
153-05 JAMAICA AVE
JAMAICA, NY 11432

RCRA NonGen / NLR | **1019907461**
NYP004834418

Click here for full text details

RCRA NonGen / NLR
EPA Id NYP004834418

AW422
North
1/8-1/4
0.247 mi.
1303 ft.

Relative:
Higher

PUBLIC SCHOOL 82/86 (Q882)
90-36 150TH STREET
JAMAICA, NY 11431

NY AST | **U003749725**
N/A

Click here for full text details

NY AST
Facility Id 2-604693

AW423
North
1/8-1/4
0.247 mi.
1303 ft.

Relative:
Higher

PUBLIC SCHOOL 82/86 (Q882)
90-36 150TH STREET
JAMAICA, NY 11431

NY UST | **U004064090**
N/A

Click here for full text details

AW424
North
1/8-1/4
0.247 mi.
1303 ft.

Relative:
Higher

NYC DEPT OF EDUCATION - PS 182Q
90-36 150TH ST
QUEENS, NY 11435

RCRA-SQG | **1004759481**
NY MANIFEST | **NYR000011221**

Click here for full text details

RCRA-SQG
EPA Id NYR000011221

NY MANIFEST
EPA ID NYR000011221

AV425
NNW
1/8-1/4
0.248 mi.
1308 ft.

Relative:
Higher

90-23 149 ST
90-23 149 ST
JAMAICA, NY 11435

NY AST **U003387100**
N/A

Click here for full text details

NY AST
Facility Id 2-091804

AU426
WNW
1/8-1/4
0.249 mi.
1316 ft.

Relative:
Higher

MTA LIRR ARCHER AVENUE
144-15 ARCHER AVE
JAMAICA, NY 11435

NY MANIFEST **S117742247**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYR000213447

AU427
WNW
1/8-1/4
0.249 mi.
1316 ft.

Relative:
Higher

CON EDISON
OPP 144-15 ARCHER AVE
QUEENS, NY 11435

NY MANIFEST **S117066558**
N/A

Click here for full text details

NY MANIFEST
EPA ID NYP004592234

AU428
WNW
1/8-1/4
0.249 mi.
1316 ft.

Relative:
Higher

MTA LIRR ARCHER AVENUE
144-15 ARCHER AVE
JAMAICA, NY 11435

NJ MANIFEST **S120679022**
N/A

Click here for full text details

NJ MANIFEST
EPA Id NYR000213447

AU429
WNW
1/8-1/4
0.249 mi.
1316 ft.

Relative:
Higher

MTA LIRR ARCHER AVENUE
144-15 ARCHER AVE
JAMAICA, NY 11435

RCRA-LQG **1016974883**
NYR000213447

Click here for full text details

RCRA-LQG
EPA Id NYR000213447

430
ESE
1/4-1/2
0.280 mi.
1477 ft.

Relative:
Lower

REPUBLIC CARTING CO.INC. — **NY SWF/LF** — **S105841791**
106-21 156 STREET — **N/A**
JAMAICA, NY 11433

Click here for full text details

431
North
1/4-1/2
0.295 mi.
1557 ft.

Relative:
Higher

CLOSED-LACKOF RECENT INFO — **NY LTANKS** — **S100145094**
90030 153RD AVENUE — **N/A**
NEW YORK CITY, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8800818 / 2003-02-18
Site ID 93942
Spill Date 1988-04-26

432
SSE
1/4-1/2
0.310 mi.
1638 ft.

Relative:
Lower

BAYSIDE COMMUNITY CHURCH — **NY LTANKS** — **S100143972**
107-03 150TH STREET — **N/A**
SOUTH JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8709586 / 1988-02-12
Site ID 225926
Spill Date 1988-02-11

433
NNE
1/4-1/2
0.310 mi.
1639 ft.

Relative:
Higher

CLOSED-LACKOF RECENT INFO — **NY LTANKS** — **S100145109**
90050 PARSONS BLVD. — **N/A**
NEW YORK CITY, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8801087 / 2003-03-05
Site ID 250709
Spill Date 1988-05-04

434
NE
1/4-1/2
0.327 mi.
1729 ft.

Relative:
Higher

YORK COLLEGE — **NY LTANKS** — **S107523408**
94-20 160TH ST — **N/A**
JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0511961 / 2006-03-21
Site ID 358210
Spill Date 2006-01-17

AX435
NNE
1/4-1/2
0.339 mi.
1788 ft.

Relative:
Higher

AMERICAN SEVASHRAM, INC. - TTF — **NY LTANKS** — **S103558924**
153-14 90TH AVENUE — **N/A**
JAMAICA, NY 11432

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9811864 / 2015-04-03
Site ID 134351
Spill Date 1998-12-17

436
South
1/4-1/2
0.350 mi.
1848 ft.

Relative:
Higher

CLOSED-LACKOF RECENT INFO — **NY LTANKS** — **S100144805**
106012 LIVERPOOL ST. — **N/A**
NEW YORK CITY, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8705555 / 2003-03-04
Site ID 253239
Spill Date 1987-10-01

AX437
North
1/4-1/2
0.356 mi.
1882 ft.

Relative:
Higher

UNKNOWN RESIDENCE TTF — **NY LTANKS** — **S111738879**
8921 153 ST — **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 1113949 / 2013-04-05
Site ID 461978
Spill Date 2012-03-14

438
NNW
1/4-1/2
0.369 mi.
1948 ft.

Relative:
Higher

148-22 89TH AVE/PILGRAM — **NY LTANKS** — **S102671787**
148-22 89TH AVE — **N/A**
JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9109998 / 1991-12-20
Site ID 148690
Spill Date 1991-12-19

439
SSW
1/4-1/2
0.376 mi.
1984 ft.

Relative:
Higher

138-57 LLOYD ROAD
138-57 LLOYD ROAD
JAMAICA, NY

NY LTANKS **S100494376**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9209764 / 1993-11-21
Site ID 135811
Spill Date 1992-11-21

AY440
NNE
1/4-1/2
0.395 mi.
2087 ft.

Relative:
Higher

90-43 160TH ST/QUEENS
90-43 160TH ST
NEW YORK CITY, NY

NY LTANKS **S102671218**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 8707224 / 1987-11-22
Site ID 168913
Spill Date 1987-11-22

441
WSW
1/4-1/2
0.406 mi.
2143 ft.

Relative:
Higher

138-07 97TH AVENUE
138-07 97TH AVENUE
JAMAICA, NY

NY LTANKS **S102672335**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9312378 / 1994-01-21
Site ID 120397
Spill Date 1994-01-21

AY442
NNE
1/4-1/2
0.412 mi.
2174 ft.

Relative:
Higher

90-11 160TH STREET & 90-14 161ST STREET
90-11 160TH STREET
NEW YORK CITY, NY

NY VCP **S125317236**
N/A

Click here for full text details

443
NNE
1/4-1/2
0.416 mi.
2198 ft.

Relative:
Higher

FORMER QUEENS FAMILY COURTHOUSE
89-14 PARSONS BLVD
JAMAICA, NY 11357

NY LTANKS **U000405352**
NY UST **N/A**
NY AST
NY BROWNFIELDS

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0101552 / 2006-07-26
Spill Number/Closed Date 0202895 / 2003-10-24
Site ID 269885

FORMER QUEENS FAMILY COURTHOUSE (Continued) **U000405352**

Site ID 269886
Spill Date 2001-05-10
Spill Date 2002-06-19

NY AST
Facility Id 2-217018

NY BROWNFIELDS
Site Code 360362

444
East
1/4-1/2
0.419 mi.
2213 ft.

Relative:
Lower

SOUTH JAMAICA-NYCHA **NY LTANKS** **S103941316**
106-62 160TH ST **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9902687 / 2014-05-23
Site ID 278097
Spill Date 1999-06-08

445
NNE
1/4-1/2
0.422 mi.
2230 ft.

Relative:
Higher

FIRST REFORMED CHURCH **NY LTANKS** **U000405313**
159-29 90TH AVE **NY UST** **N/A**
JAMAICA, NY 11432

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0812889 / 2009-12-24
Site ID 410539
Spill Date 2009-02-27

AZ446
NNE
1/4-1/2
0.440 mi.
2324 ft.

Relative:
Higher

SALVATION ARMY **NY LTANKS** **S105998310**
90-23 161ST ST **N/A**
JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0212020 / 2003-03-06
Site ID 206161
Spill Date 2003-03-06

447
NNW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Higher

APARTMENT BUILDING TTF
88-09 148TH STREET
JAMAICA, NY

NY LTANKS **U003389505**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 1008456 / 2012-02-23
Spill Number/Closed Date 0514082 / 2007-03-13
Site ID 441947
Site ID 360714
Spill Date 2010-11-11
Spill Date 2006-03-09

BA448
NNW
1/4-1/2
0.443 mi.
2338 ft.

Relative:
Higher

JAMAICA ASSOCIATES
148-48 88TH AVENUE
JAMAICA, NY

NY LTANKS **S102673245**
NY AST **N/A**

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9514029 / 1996-02-03
Site ID 245255
Spill Date 1996-02-03

NY AST
Facility Id 2-196789

BA449
NNW
1/4-1/2
0.443 mi.
2338 ft.

Relative:
Higher

148-48 88TH AVE
148-48 88TH AVE
QUEENS, NY

NY LTANKS **S102673244**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9514027 / 1996-02-03
Site ID 267902
Spill Date 1996-02-02

BB450
SSW
1/4-1/2
0.444 mi.
2346 ft.

Relative:
Higher

144-15 LIBERTY AVENUE
144-15 LIBERTY AVENUE
NEW YORK CITY, NY

NY VCP **S125316843**
N/A

Click here for full text details

BA451
North
1/4-1/2
0.447 mi.
2360 ft.

Relative:
Higher

SPILL NUMBER 0301057
149-30 88TH ST
QUEENS, NY

NY LTANKS **S105998822**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0301057 / 2003-05-07
Site ID 102586
Spill Date 2003-04-29

BB452
SW
1/4-1/2
0.451 mi.
2381 ft.

Relative:
Higher

144-01 LIBERTY AVENUE
144-01 LIBERTY AVENUE
NEW YORK CITY, NY

NY VCP **S125316841**
N/A

Click here for full text details

BA453
NNW
1/4-1/2
0.469 mi.
2476 ft.

Relative:
Higher

RESIDENTS
148-25 88TH AVE
QUEENS, NY

NY LTANKS **S104877065**
NY Spills **N/A**

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0008634 / 2003-04-21
Site ID 318786
Spill Date 2000-10-24

NY Spills
Spill Number/Closed Date 0208509 / 2003-07-07
Site ID 318787
Spill Date 2002-11-16

BA454
NNW
1/4-1/2
0.469 mi.
2476 ft.

Relative:
Higher

148-25 88TH AVE
148-25 88TH AVE
JAMAICA, NY

NY LTANKS **S102672014**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9210394 / 1992-12-09
Site ID 318788
Spill Date 1992-12-09

455
SE
1/4-1/2
0.477 mi.
2516 ft.

Relative:
Lower

GROUND | **NY LTANKS** | **S123663800**
108-43 SUTPHIN BLVD | **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 1900229 / Not Reported
Site ID 586053
Spill Date 2019-04-08

456
NNW
1/4-1/2
0.478 mi.
2524 ft.

Relative:
Higher

RESIDENCE | **NY LTANKS** | **S109064141**
147-03 88TH AVE. | **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0712287 / 2008-09-17
Site ID 393884
Spill Date 2008-02-21

BB457
SSW
1/4-1/2
0.486 mi.
2564 ft.

Relative:
Higher

143-18 LIBERTY AVENUE | **NY VCP** | **S118943627**
143-18 LIBERTY AVENUE | **N/A**
NEW YORK CITY, NY

Click here for full text details

AZ458
NE
1/4-1/2
0.487 mi.
2569 ft.

Relative:
Higher

OFFICE BUILDING | **NY LTANKS** | **S105995219**
89-51 162ND ST | **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0111056 / 2002-02-22
Site ID 138013
Spill Date 2002-02-19

459
West
1/4-1/2
0.491 mi.
2593 ft.

Relative:
Higher

JAMAICA SUBSTATION | **NY LTANKS** | **S102240202**
137-30 91ST AVE | **NY Spills** | **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0110154 / 2002-12-06
Site ID 74364
Spill Date 2002-01-22

JAMAICA SUBSTATION (Continued) **S102240202**

NY Spills
Spill Number/Closed Date 9704070 / 2003-11-07
Spill Number/Closed Date 9800780 / 1998-05-19
Spill Number/Closed Date 9808401 / 2001-06-26
Spill Number/Closed Date 9811976 / 2005-07-13
Spill Number/Closed Date 9814974 / 2002-10-21
Spill Number/Closed Date 9900575 / 1999-06-10
Spill Number/Closed Date 9901245 / 2001-06-13
Spill Number/Closed Date 9901467 / 2004-03-08
Spill Number/Closed Date 9901544 / 2001-06-26
Spill Number/Closed Date 9904347 / 2002-10-11
Spill Number/Closed Date 9908294 / 2001-06-26
Site ID 74380
Site ID 74381
Site ID 74382
Site ID 74383
Site ID 74384
Site ID 74385
Site ID 74386
Site ID 74387
Site ID 74388
Site ID 74389
Site ID 74390
Site ID 74391
Site ID 74392
Site ID 74393
Site ID 74394
Site ID 148524
Site ID 393887
Site ID 412326
Site ID 59895
Site ID 59899
Site ID 59900
Site ID 59902
Site ID 114779
Site ID 335348
Site ID 335143
Site ID 342378
Site ID 74360
Site ID 74361
Site ID 74362
Site ID 74363
Site ID 74365
Site ID 74366
Site ID 74367
Site ID 74368
Site ID 74369
Site ID 74370
Site ID 74371
Site ID 74372
Site ID 74373
Site ID 74374
Site ID 74375
Site ID 74376

JAMAICA SUBSTATION (Continued) **S102240202**

Site ID 74377
Site ID 74378
Site ID 74379
Site ID 509791
Spill Date 1997-07-04
Spill Date 1998-04-17
Spill Date 1998-10-07
Spill Date 1998-12-23
Spill Date 1999-03-17
Spill Date 1999-04-15
Spill Date 1999-05-03
Spill Date 1999-05-07
Spill Date 1999-05-10
Spill Date 1999-07-13
Spill Date 1999-10-08
Spill Date 1999-10-29
Spill Date 1999-11-02
Spill Date 1997-10-30
Spill Date 2008-02-21
Spill Date 2009-04-10
Spill Date 2000-07-24
Spill Date 1995-11-27
Spill Date 1996-06-10
Spill Date 1996-10-16
Spill Date 2004-12-16
Spill Date 2004-12-14
Spill Date 2005-03-22
Spill Date 2000-06-27
Spill Date 2000-09-05
Spill Date 2001-08-07
Spill Date 2002-01-23
Spill Date 2002-03-11
Spill Date 2002-04-11
Spill Date 2002-04-12
Spill Date 2002-06-18
Spill Date 2002-06-25
Spill Date 2002-11-07
Spill Date 2003-02-25
Spill Date 2004-09-17
Spill Date 1995-11-01
Spill Date 1996-04-23
Spill Date 1996-05-04
Spill Date 1996-05-07
Spill Date 1997-05-01
Spill Date 2015-06-30

460
ENE
1/4-1/2
0.492 mi.
2599 ft.

Relative:
Higher

YORK COLLEGE **NY LTANKS** **S108639378**
94-20 GUY BREWER BLVD **N/A**
QUEENS, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0700361 / 2007-05-10
Site ID 379691
Spill Date 2007-04-11

461
SSE
1/4-1/2
0.497 mi.
2624 ft.

Relative:
Higher

108-26 LIVERPOOL ST — **NY LTANKS** — **S102671759**
108-26 LIVERPOOL ST — **N/A**
JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 9108595 / 1991-11-13
Site ID 202937
Spill Date 1991-11-11

462
NNE
1/4-1/2
0.498 mi.
2628 ft.

Relative:
Higher

160-11 89TH AVE — **NY LTANKS** — **S108467735**
160-11 89TH AVE — **N/A**
JAMAICA, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date 0612572 / 2007-06-26
Site ID 377432
Spill Date 2007-02-20

463
NW
1/4-1/2
0.499 mi.
2636 ft.

Relative:
Higher

88-15 144TH ST — **NY LTANKS** — **S100145076**
88-15 144TH ST — **N/A**
NEW YORK CITY, NY

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NY LTANKS
Spill Number/Closed Date 8800520 / 1992-09-30
Site ID 201681
Spill Date 1988-04-15

464
NNW
1/2-1
0.513 mi.
2711 ft.

Relative:
Higher

148-28 HILLSIDE AVENUE-OER — **NY SHWS** — **S120706235**
148-28 HILLSIDE AVENUE — **N/A**
QUEENS, NY 11435

Click here for full text details

NY SHWS
Site Code 537812

465
NW
1/2-1
0.605 mi.
3192 ft.

Relative:
Higher

FORMER DURASPEC ELECTROPLATING — **NY SHWS** — **S121933854**
87-83 139TH STREET — **N/A**
JAMAICA, NY 11435

Click here for full text details

NY SHWS
Site Code 549987

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
466 **East** **1/2-1** **0.806 mi.** **4254 ft.** **Relative:** **Lower**	**107-35 MERRICK BLVD-OER** **107-35 MERRICK BLVD.** **JAMAICA, NY 11433** **Click here for full text details** **NY SHWS** Site Code 574182	**NY SHWS**	**S122449255** **N/A**

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NY	AIRS	Air Emissions Data	Department of Environmental Conservation	08/14/2019	08/14/2019	10/16/2019
NY	AST	Petroleum Bulk Storage	Department of Environmental Conservation	06/24/2019	06/26/2019	09/05/2019
NY	BROWNFIELDS	Brownfields Site List	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	CBS	Chemical Bulk Storage Site Listing	Department of Environmental Conservation	06/24/2019	06/26/2019	09/05/2019
NY	CBS AST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	CBS UST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	COAL ASH	Coal Ash Disposal Site Listing	Department of Environmental Conservation	04/02/2019	04/04/2019	06/19/2019
NY	COOLING TOWERS	Registered Cooling Towers	Department of Health	07/09/2019	07/17/2019	09/06/2019
NY	DEL SHWS	Delisted Registry Sites	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	DRYCLEANERS	Registered Drycleaners	Department of Environmental Conservation	11/05/2018	03/12/2019	06/13/2019
NY	E DESIGNATION	E DESIGNATION SITE LISTING	New York City Department of City Planning	02/28/2019	03/26/2019	06/18/2019
NY	ENG CONTROLS	Registry of Engineering Controls	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	ENV RES DECL	Environmental Restrictive Declarations	New York City Department of City Planning	02/13/2019	03/22/2019	06/14/2019
NY	ERP	Environmental Restoration Program Listing	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Conservation	07/01/2019	07/02/2019	09/06/2019
NY	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Conservation	03/01/2019	03/19/2019	06/18/2019
NY	HIST AST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HIST LTANKS	Listing of Leaking Storage Tanks	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST SPILLS	SPILLS Database	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST UST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HSWDS	Hazardous Substance Waste Disposal Site Inventory	Department of Environmental Conservation	01/01/2003	10/20/2006	11/30/2006
NY	INST CONTROL	Registry of Institutional Controls	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	LIENS	Spill Liens Information	Office of the State Comptroller	08/05/2019	08/06/2019	10/14/2019
NY	LTANKS	Spills Information Database	Department of Environmental Conservation	08/12/2019	08/13/2019	08/29/2019
NY	MOSF	Major Oil Storage Facility Site Listing	Department of Environmental Conservation	06/24/2019	06/26/2019	09/05/2019
NY	MOSF AST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	MOSF UST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	05/01/2019	06/21/2019
NY	PFAS	PFAS Contamination Site Location Listing	Department of Environmental Conservation	01/16/2019	05/08/2019	06/24/2019
NY	RES DECL	Restrictive Declarations Listing	NYC Department of City Planning	11/18/2010	06/30/2014	07/21/2014
NY	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Conservation		07/01/2013	12/30/2013
NY	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Conservation		07/01/2013	01/10/2014
NY	SHWS	Inactive Hazardous Waste Disposal Sites in New York State	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	SPDES	State Pollutant Discharge Elimination System	Department of Environmental Conservation	07/29/2019	08/06/2019	10/14/2019
NY	SPILLS	Spills Information Database	Department of Environmental Conservation	08/12/2019	08/13/2019	08/29/2019
NY	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	11/02/2010	01/03/2013	03/07/2013
NY	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	12/14/2012	01/03/2013	02/12/2013
NY	SUFFOLK CO TANKS	Storage Tank Database	Department of Health Services	06/28/2018	02/05/2019	03/08/2019
NY	SWF/LF	Facility Register	Department of Environmental Conservation	07/02/2019	07/02/2019	09/06/2019
NY	SWRCY	Registered Recycling Facility List	Department of Environmental Conservation	07/02/2019	07/02/2019	09/06/2019
NY	SWTIRE	Registered Waste Tire Storage & Facility List	Department of Environmental Conservation	02/27/2018	04/06/2018	06/08/2018
NY	TANKS	Storage Tank Faciliy Listing	Department of Environmental Conservation	06/24/2019	06/26/2019	09/05/2019
NY	UIC	Underground Injection Control Wells	Department of Environmental Conservation	06/03/2019	06/05/2019	06/18/2019
NY	UST	Petroleum Bulk Storage (PBS) Database	Department of Environmental Conservation	06/24/2019	06/26/2019	09/05/2019
NY	VAPOR REOPENED	Vapor Intrusion Legacy Site List	Department of Environmenal Conservation	12/01/2018	02/13/2019	06/13/2019
NY	VCP	Voluntary Cleanup Agreements	Department of Environmental Conservation	08/12/2019	08/13/2019	10/16/2019
NY	VCP NYC	Voluntary Cleanup Program Listing NYC	New York City Office of Environmental Protect	08/20/2019	08/21/2019	10/24/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2019	09/10/2019	10/17/2019
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2019	07/16/2019	10/02/2019
US	CORRACTS	Corrective Action Report	EPA	06/24/2019	06/26/2019	10/17/2019
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/01/2019	07/31/2019	10/24/2019
US	Delisted NPL	National Priority List Deletions	EPA	07/19/2019	07/30/2019	09/03/2019
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	07/06/2019	07/09/2019	10/02/2019
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/09/2019	09/09/2019	09/23/2019
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	04/03/2019	04/05/2019	05/14/2019
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
US	FINDS	Facility Index System/Facility Registry System	EPA	05/03/2019	06/05/2019	09/03/2019
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	05/15/2019	05/21/2019	08/08/2019
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/20/2019	05/21/2019	08/08/2019
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/24/2019	06/26/2019	09/23/2019
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/11/2019	07/29/2019	10/17/2019
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/16/2019	07/29/2019	10/17/2019
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/12/2019	07/29/2019	10/17/2019
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/08/2019	07/30/2019	10/17/2019
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/01/2019	07/29/2019	10/17/2019
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	07/02/2019	10/16/2019	10/24/2019
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/16/2018	03/07/2019	05/01/2019
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2019	07/29/2019	10/17/2019
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/11/2019	07/30/2019	10/17/2019
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/16/2019	07/30/2019	10/17/2019
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/12/2019	07/29/2019	10/17/2019
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/08/2019	07/29/2019	10/17/2019
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/01/2019	07/29/2019	10/17/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/02/2019	07/29/2019	10/17/2019
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/16/2018	03/07/2019	05/01/2019
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2019	07/29/2019	10/17/2019
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	07/19/2019	07/30/2019	09/03/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	07/30/2019	07/30/2019	09/03/2019
US	LUCIS	Land Use Control Information System	Department of the Navy	08/13/2019	08/20/2019	08/26/2019
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	06/06/2019	06/06/2019	10/24/2019
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/20/2019	06/20/2019	08/08/2019
US	NPL	National Priority List	EPA	07/19/2019	07/30/2019	09/03/2019
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	03/20/2019	04/10/2019	05/14/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	PRP	Potentially Responsible Parties	EPA	08/20/2019	09/05/2019	09/23/2019
US	Proposed NPL	Proposed National Priority List Sites	EPA	07/19/2019	07/30/2019	09/03/2019
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RMP	Risk Management Plans	Environmental Protection Agency	04/25/2019	05/02/2019	05/23/2019
US	ROD	Records Of Decision	EPA	07/19/2019	07/30/2019	09/03/2019
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	07/19/2019	07/30/2019	09/03/2019
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/19/2019	07/30/2019	09/03/2019
US	SSTS	Section 7 Tracking Systems	EPA	09/30/2018	04/24/2019	08/08/2019
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/03/2019	06/04/2019	08/26/2019
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/19/2019	08/20/2019	08/26/2019
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/24/2019	06/26/2019	09/23/2019
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	08/19/2019	08/20/2019	08/26/2019
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/03/2019	05/29/2019	08/08/2019
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2017	01/17/2019	04/01/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	05/14/2019	05/14/2019	08/05/2019
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2017	02/23/2018	04/09/2018
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	07/15/2019	07/16/2019	10/04/2019
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NY	Daycare Centers	Sensitive Receptor: Day Care Providers	Department of Health			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NY	State Wetlands	Freshwater Wetlands	Department of Environmental Conservation			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

95-04 149TH STREET, QUEENS, NY 11435
95-04 149TH STREET
JAMAICA, NY 11435

TARGET PROPERTY COORDINATES

Latitude (North):	40.698633 - 40° 41' 55.08''
Longitude (West):	73.804112 - 73° 48' 14.80''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	601036.5
UTM Y (Meters):	4505779.5
Elevation:	38 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940539 JAMAICA, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

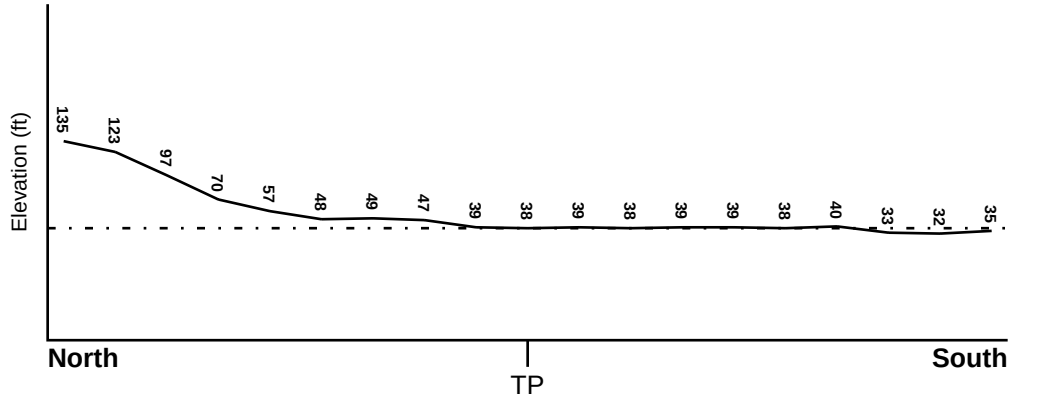
TOPOGRAPHIC INFORMATION

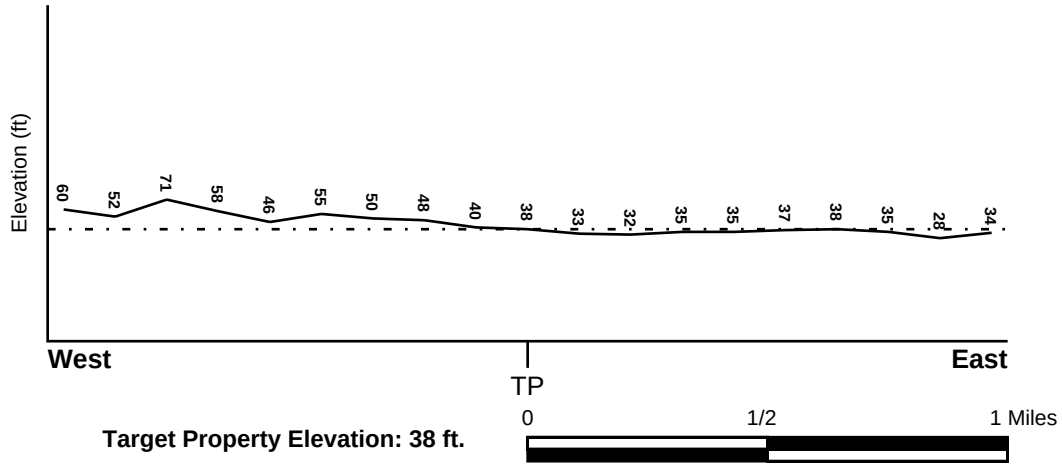
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





0 1/2 1 Miles

Target Property Elevation: 38 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970059B	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
3604970229F	FEMA FIRM Flood data
3604970067B	FEMA Q3 Flood data
3604970237F	FEMA FIRM Flood data
3604970241F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JAMAICA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000828908	1/8 - 1/4 Mile West
2	USGS40000829016	1/8 - 1/4 Mile North
3	USGS40000828907	1/8 - 1/4 Mile East
4	USGS40000829050	1/4 - 1/2 Mile NNE
5	USGS40000828786	1/4 - 1/2 Mile SW
A6	USGS40000829040	1/4 - 1/2 Mile NW
A7	USGS40000829051	1/4 - 1/2 Mile NW
A8	USGS40000829062	1/4 - 1/2 Mile NW
9	USGS40000829077	1/4 - 1/2 Mile NNE
10	USGS40000828815	1/4 - 1/2 Mile ESE
11	USGS40000829030	1/4 - 1/2 Mile WNW
12	USGS40000828822	1/4 - 1/2 Mile WSW
B13	USGS40000829089	1/4 - 1/2 Mile NE
B14	USGS40000829090	1/4 - 1/2 Mile NE
15	USGS40000829137	1/4 - 1/2 Mile NNW
B16	USGS40000829109	1/2 - 1 Mile NE
17	USGS40000828740	1/2 - 1 Mile SW
B18	USGS40000829110	1/2 - 1 Mile NE
C19	USGS40000829136	1/2 - 1 Mile NE
C20	USGS40000829135	1/2 - 1 Mile NE
D21	USGS40000829015	1/2 - 1 Mile ENE
D22	USGS40000829014	1/2 - 1 Mile ENE
C23	USGS40000829148	1/2 - 1 Mile NE
E24	USGS40000829201	1/2 - 1 Mile NNE
E25	USGS40000829200	1/2 - 1 Mile NNE
F26	USGS40000828800	1/2 - 1 Mile ESE
F27	USGS40000828801	1/2 - 1 Mile ESE
28	USGS40000829185	1/2 - 1 Mile NE
29	USGS40000829088	1/2 - 1 Mile ENE
30	USGS40000829049	1/2 - 1 Mile ENE
31	USGS40000828696	1/2 - 1 Mile SW
G32	USGS40000829176	1/2 - 1 Mile NE
G33	USGS40000829175	1/2 - 1 Mile NE
34	USGS40000829241	1/2 - 1 Mile NNE
35	USGS40000828591	1/2 - 1 Mile South
H39	USGS40000828834	1/2 - 1 Mile East
H40	USGS40000828835	1/2 - 1 Mile East
H41	USGS40000828814	1/2 - 1 Mile East
I42	USGS40000828971	1/2 - 1 Mile West
I43	USGS40000828954	1/2 - 1 Mile West
44	USGS40000828844	1/2 - 1 Mile West
J45	USGS40000828785	1/2 - 1 Mile ESE
I46	USGS40000828956	1/2 - 1 Mile West
I47	USGS40000828955	1/2 - 1 Mile West
I48	USGS40000828972	1/2 - 1 Mile West
49	USGS40000828618	1/2 - 1 Mile SE
J52	USGS40000828775	1/2 - 1 Mile ESE
L53	USGS40000829128	1/2 - 1 Mile WNW
J56	USGS40000828779	1/2 - 1 Mile ESE
M57	USGS40000828527	1/2 - 1 Mile South
M58	USGS40000828528	1/2 - 1 Mile South
M59	USGS40000828529	1/2 - 1 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K60	USGS40000828768	1/2 - 1 Mile ESE
L61	USGS40000829138	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

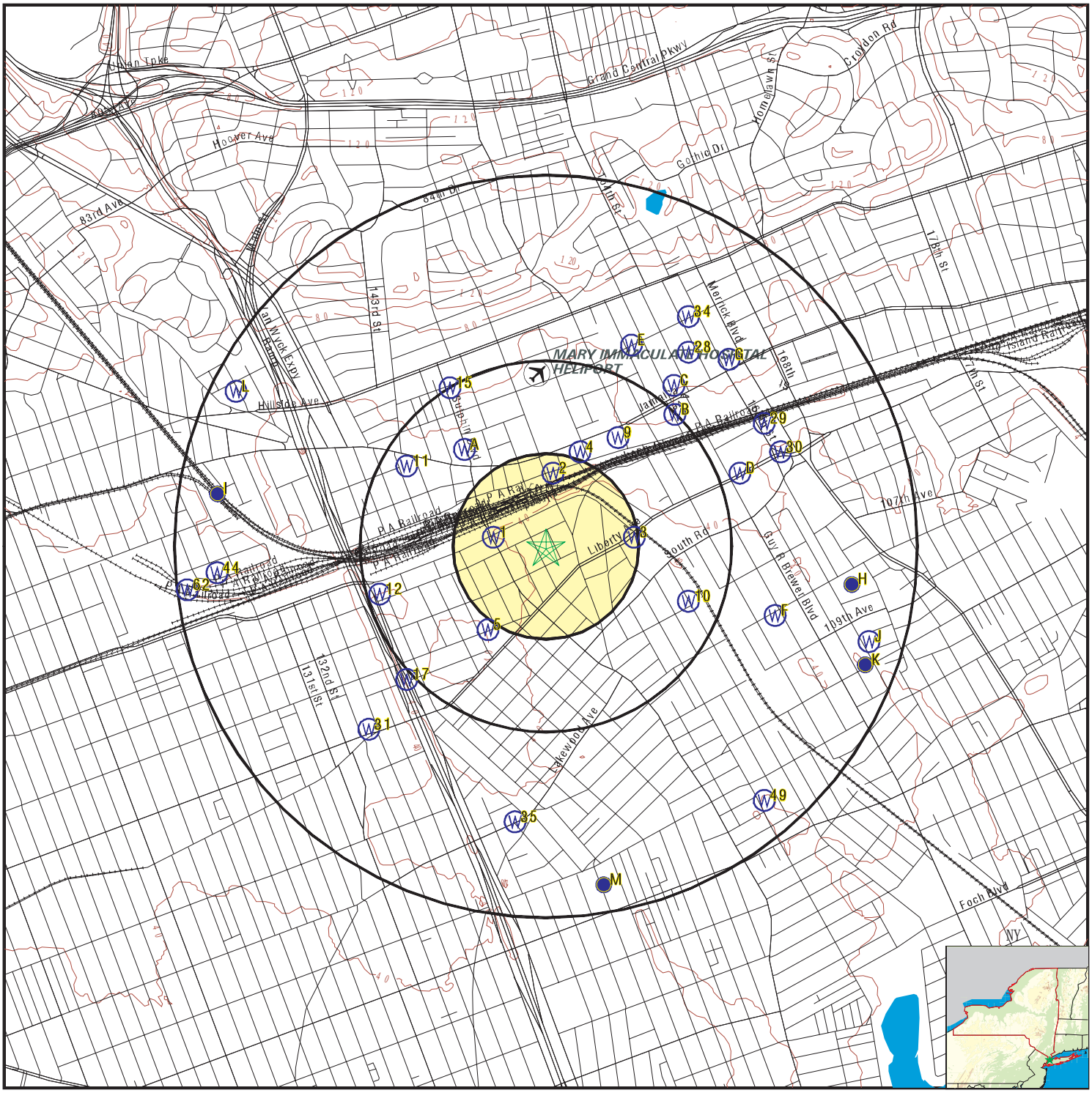
MAP ID	WELL ID	LOCATION FROM TP
H38	NY0011735	1/2 - 1 Mile East

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H36	NYWS006419	1/2 - 1 Mile East
H37	NYWS006420	1/2 - 1 Mile East
K50	NYWS006424	1/2 - 1 Mile ESE
K51	NYWS006425	1/2 - 1 Mile ESE
M54	NYWS006443	1/2 - 1 Mile South
I55	NYWS006409	1/2 - 1 Mile West
62	NYWS006421	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5857935.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	95-04 149th Street, Queens, NY 11435	CLIENT:	PVE, LLC.
ADDRESS:	95-04 149th Street Jamaica NY 11435	CONTACT:	Tara Alvarado
LAT/LONG:	40.698633 / 73.804112	INQUIRY #:	5857935.2s
		DATE:	November 05, 2019 4:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828908**
2 **North** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829016**
3 **East** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828907**
4 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829050**
5 **SW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828786**
A6 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829040**
A7 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829051**
A8 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829062**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
9 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829077**
10 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828815**
11 **WNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829030**
12 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828822**
B13 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829089**
B14 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829090**
15 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829137**
B16 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829109**
17 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828740**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B18 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829110**
C19 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829136**
C20 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829135**
D21 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829015**
D22 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829014**
C23 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829148**
E24 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829201**
E25 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829200**
F26 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828800**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
F27 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828801**
28 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829185**
29 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829088**
30 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829049**
31 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828696**
G32 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829176**
G33 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829175**
34 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829241**
35 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828591**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
H36 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**NY WELLS**	**NYWS006419**
H37 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**NY WELLS**	**NYWS006420**
H38 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FRDS PWS**	**NY0011735**
H39 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828834**
H40 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828835**
H41 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828814**
I42 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828971**
I43 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828954**
44 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828844**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
J45 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828785**
I46 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828956**
I47 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828955**
I48 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000828972**
49 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828618**
K50 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**NY WELLS**	**NYWS006424**
K51 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**NY WELLS**	**NYWS006425**
J52 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828775**
L53 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829128**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
M54 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**NY WELLS**	**NYWS006443**
I55 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**NY WELLS**	**NYWS006409**
J56 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828779**
M57 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828527**
M58 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828528**
M59 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828529**
K60 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000828768**
L61 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829138**
62 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**NY WELLS**	**NYWS006421**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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95-04 149th Street, Queens, NY 11435

95-04 149th Street
Jamaica, NY 11435

Inquiry Number: 5857935.5
November 06, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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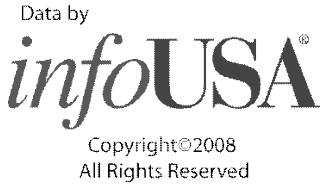

RESEARCH SUMMARY

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

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2005	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information Services	X	X	X	-
1996	NYNEX	-	-	-	-
1991	NYNEX Information Resource Company	X	X	X	-
1983	New York Telephone	X	X	X	-
1976	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1967	New York Telephone	X	X	X	-
1962	New York Telephone Directory	X	X	X	-
1950	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1945	New York Telephone	-	X	X	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	H.C. Morris	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

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

Address	***Type***	***Findings***
95-02 150 Street	Client Entered	
149-01 95 Avenue	Client Entered	
94-12 150 Street	Client Entered	
97-02 150 Street	Client Entered	
148-16 97 Avenue	Client Entered	
148-10 97 Avenue	Client Entered	
95-11 148 Street	Client Entered	
95-24 150 Street	Client Entered	
148-07 95 Avenue	Client Entered	
147-16 94 Avenue	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

95-04 149th Street
Jamaica, NY 11435

FINDINGS DETAIL

Target Property research detail.

149th

9504 149th

Year	*Uses*	*Source*
2005	Bellantoni Frankie v	Hill-Donnelly Information Services
	h Ball L S A	Hill-Donnelly Information Services
2000	Frankie Bellaritoni	Cole Information Services
1991	Fraumeni L	NYNEX Information Resource Company
1983	Fraumeni Lorraine	New York Telephone
1976	Herlihy Michl J	New York Telephone
1970	Herlihy Michl J	New York Telephone
	Timpanaro Frank V	New York Telephone
1967	Herlihy Michl J	New York Telephone
	Timpanaro Frank V	New York Telephone
1962	Herlihy Michl J	New York Telephone Directory
	Timpanaro Frank V	New York Telephone Directory

FINDINGS

ADJOINING PROPERTY DETAIL

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

148 JAM

9515 148 JAM

Year	Uses	Source
1970	Rodrigues Acacio G	New York Telephone
1967	Rodrigues Acacio G	New York Telephone

9521 148 JAM

Year	Uses	Source
1967	Gunther Clarence A	New York Telephone

9522 148 JAM

Year	Uses	Source
1970	Elmore Bertha Mrs	New York Telephone
1967	Elmore Bertha Mrs	New York Telephone

9525 148 JAM

Year	Uses	Source
1991	Hook Andrew	NYNEX Information Resource Company

9541 148 JAM

Year	Uses	Source
1991	Bustamante Naomi	NYNEX Information Resource Company

148 JAMACA 32989

9535 148 JAMACA 32989

Year	Uses	Source
1967	Mancini Anthony	New York Telephone

148 JAMACA 6181

9530 148 JAMACA 6181

Year	Uses	Source
1970	Lattimer G	New York Telephone

FINDINGS

148 JAMACA 61851

9530 148 JAMACA 61851

Year	Uses	Source
1967	Lattimer G	New York Telephone

148th St

8514 148th St

Year	Uses	Source
2014	NEON ACA7 INC	EDR Digital Archive
	CRUZ NEON & ADRIANA	EDR Digital Archive
	CRUZ NEON & ADRIANA	EDR Digital Archive
	NEON ACA7 INC	EDR Digital Archive
2010	NEON ACA7 INC	EDR Digital Archive
	CRUZ NEON & ADRIANA	EDR Digital Archive
	CRUZ NEON & ADRIANA	EDR Digital Archive
	NEON ACA7 INC	EDR Digital Archive

8531 148th St

Year	Uses	Source
2010	MAGIC RIVER DESIGNS INC	EDR Digital Archive
	MAGIC RIVER DESIGNS INC	EDR Digital Archive

148TH ST

9515 148TH ST

Year	Uses	Source
1970	Martin Jos	New York Telephone
1967	Martin Jos	New York Telephone
1962	Martin Jos	New York Telephone Directory
	Amandio Francisco	New York Telephone Directory
1945	Hillers Geo A	New York Telephone
1934	Wiley Mary E widc Michl H	R. L. Polk & Co.
	Wileys Taxi Cab Service RTN Jas Willey	R. L. Polk & Co.
	Wiley Jas F student	R. L. Polk & Co.
	Wiley Jas F Josephine Willeys Taxi Cab Service	R. L. Polk & Co.

FINDINGS

9521 148TH ST

Year	Uses	Source
1976	Lawrence Theodore	New York Telephone
1962	Gunther Clarence A	New York Telephone Directory
1934	Gunther Clarence A Kunigunda cond	R. L. Polk & Co.
	Beech Wm driver	R. L. Polk & Co.

9522 148TH ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	Jaquan Ward	Cole Information Services
1991	Chapman Priscilla & Steven	NYNEX Information Resource Company
1983	Brown Annie	New York Telephone
	Floyd Mary E	New York Telephone
1976	Floyd Mary E	New York Telephone
1970	Floyd Roy T	New York Telephone
1967	Mitchell Raymond	New York Telephone
	Mitchell Beverly A Mrs	New York Telephone
	Floyd Roy T	New York Telephone
1962	Coleman Anna D	New York Telephone Directory
1945	Cantalupo Gerard	New York Telephone
1939	Colligan John J	New York Telephone Company
1934	Macomb Mary clk Railway Express Agencey Inc	R. L. Polk & Co.
	Colligan John J Rose vd mstr	R. L. Polk & Co.
	Bader Aug H Freida M driver	R. L. Polk & Co.

9524 148TH ST

Year	Uses	Source
2005	H Williams Muriel A	Hill-Donnelly Information Services
	Williams Stephanie	Hill-Donnelly Information Services
2000	Muriel Williams	Cole Information Services
	Stephanie Williams	Cole Information Services
	Steven Williams	Cole Information Services
1991	Pipkin Leon	NYNEX Information Resource Company
	Williams Muriel	NYNEX Information Resource Company
	Williams Muriel	NYNEX Information Resource Company
1983	Cornelius Muriel	New York Telephone
1976	Hewitt Irving	New York Telephone
	Cornelius Muriel	New York Telephone

FINDINGS

Year	Uses	Source
1970	Gaston Brigido	New York Telephone
1967	Gaston Brigido	New York Telephone
	Stemrich Cora	New York Telephone
1962	Gaston Brigido	New York Telephone Directory
1945	Pender Michl	New York Telephone
1939	Pender Michl	New York Telephone Company
1934	Mc Cormack John Regina M auto mech	R. L. Polk & Co.
	Pender Michl Anita clk	R. L. Polk & Co.

9525 148TH ST

Year	Uses	Source
2005	HMayers CC AO	Hill-Donnelly Information Services
	Hewitt Usa	Hill-Donnelly Information Services
	h Hewitt Jessica vo	Hill-Donnelly Information Services
2000	Corey Frierson	Cole Information Services
1991	Hewitt Irving	NYNEX Information Resource Company
	Lee Ruth Marie	NYNEX Information Resource Company
1983	Belizario Ramona B	New York Telephone
1976	Belizario Ramona B	New York Telephone
1970	Belizario Ramona B	New York Telephone
1967	Pryor John A	New York Telephone
	Pryor Lettie L	New York Telephone
1962	Vilar Jose M	New York Telephone Directory
1945	Anderson Aug	New York Telephone
1939	Anderson Aug	New York Telephone Company
1934	Sanderson Wm roofer	R. L. Polk & Co.
	Erskine John E Frances C bkbndr	R. L. Polk & Co.
	Sanderson Chas Kathleen elev opr	R. L. Polk & Co.

9526 148TH ST

Year	Uses	Source
2005	h Platt Thomas AV	Hill-Donnelly Information Services
	h Coleman E A	Hill-Donnelly Information Services
2000	Thomas Platt	Cole Information Services
	G Harrison	Cole Information Services
	E Coleman	Cole Information Services
1991	Harrison T	NYNEX Information Resource Company
	Coleman Omega Mrs	NYNEX Information Resource Company
	Cast Willie	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Coleman Omega Mrs	New York Telephone
	Cast Willie	New York Telephone
1976	Coleman Omega Mrs	New York Telephone
1970	Gilchrist Joseph	New York Telephone
1967	Clark Barbara	New York Telephone
1962	Coleman Omega Mrs	New York Telephone Directory
	Coleman H Burnie	New York Telephone Directory
1945	Schult Ernest	New York Telephone
	Palmer Wm	New York Telephone
1939	Silver Julius	New York Telephone Company
	Schult Ernest	New York Telephone Company
1934	Selult Ernest Alma route slsmn	R. L. Polk & Co.
	Schult Ernest J Arlene M driver	R. L. Polk & Co.
	Schimmel Andrew car inspr	R. L. Polk & Co.
	Hiller Harry br mgr	R. L. Polk & Co.

9527 148TH ST

Year	Uses	Source
2005	H Bell SL	Hill-Donnelly Information Services
1970	Duarte Frank J	New York Telephone
1967	Sills Vietta Mrs	New York Telephone
1962	DeVoe Barbara	New York Telephone Directory
1945	Caso Ralph Wm	New York Telephone

9528 148TH ST

Year	Uses	Source
2005	H Stewart M L AO	Hill-Donnelly Information Services
1983	Warner Danl A	New York Telephone
1967	Stewart Mildred	New York Telephone
1945	Werner Annette	New York Telephone

9529 148TH ST

Year	Uses	Source
2005	H Shirley Donie	Hill-Donnelly Information Services
1991	Alexander Thelma L	NYNEX Information Resource Company
1962	Colagiacomo Thos	New York Telephone Directory

9530 148TH ST

Year	Uses	Source
2005	Diaz	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	H Sarmlento Ibrahin	Hill-Donnelly Information Services
2000	Ibrahin Sarmiento	Cole Information Services
	Jose A Stain	Cole Information Services
1991	Stain Jose A	NYNEX Information Resource Company
	Stainback Oscar	NYNEX Information Resource Company
1983	Miller D	New York Telephone
1970	Simons Mable	New York Telephone
1967	Simons Dorothy L	New York Telephone
	Simons Mable	New York Telephone
1962	Lattimer G	New York Telephone Directory
	Simons Mable	New York Telephone Directory
1945	Lattimer G	New York Telephone
1934	Schwebel Chas M Anna Talmud Torah Mishkan Israel clergymn	R. L. Polk & Co.
	Schwebel Rose S	R. L. Polk & Co.
	Schwebel Annette E slswn	R. L. Polk & Co.
	Falbrikant Saml Mollie	R. L. Polk & Co.
	Grossgold Philip Esther baker	R. L. Polk & Co.

9531 148TH ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
1970	Cano Francisco	New York Telephone
1967	Gonzales Antonio	New York Telephone
1962	Guerra Rose Mrs	New York Telephone Directory
1934	Gunther Aug	R. L. Polk & Co.

9533 148TH ST

Year	Uses	Source
2005	HHannan M vo	Hill-Donnelly Information Services
2000	Micheal Lee	Cole Information Services
1991	Knowles Carlton	NYNEX Information Resource Company
1967	Cervoni Angelo	New York Telephone
1962	Costello Mary	New York Telephone Directory
1945	Troke Geo	New York Telephone
1934	Sullivan Elizabeth C	R. L. Polk & Co.
	Sullivan Ann clk	R. L. Polk & Co.
	Kammerer Rita sten	R. L. Polk & Co.
	Kammerer Cath Mrs	R. L. Polk & Co.

FINDINGS

9535 148TH ST

Year	Uses	Source
2005	H Walker PA	Hill-Donnelly Information Services
2000	Nelson	Cole Information Services
1991	Outar Partap	NYNEX Information Resource Company
1962	Mancini Anthony	New York Telephone Directory
1934	Conneely Thos L Theresa H cond	R. L. Polk & Co.
	Conneely Margt E sten	R. L. Polk & Co.

9537 148TH ST

Year	Uses	Source
2005	H Howard W	Hill-Donnelly Information Services
2000	9539 NP	Cole Information Services
1976	Austin Agnes	New York Telephone
1970	Grale Regina A movng & storg	New York Telephone
1967	Grale Regina A	New York Telephone
	Grale Regina A movng & Storg	New York Telephone
1962	Grale Regina A	New York Telephone Directory
	Grale Regina A movng & storg	New York Telephone Directory
1945	Barnes & Grale movg storg	New York Telephone
1939	Barnes & Grale movg storg	New York Telephone Company

9539 148TH ST

Year	Uses	Source
2005	Hardle Jason v 0718 291 7908 o	Hill-Donnelly Information Services
1962	Perullo Louis	New York Telephone Directory
1934	Malloy Bridget F	R. L. Polk & Co.

9541 148TH ST

Year	Uses	Source
2005	H Bustamante Naomi A 718 739 6306 as	Hill-Donnelly Information Services
	H Bush E	Hill-Donnelly Information Services
2000	Elaine Ver	Cole Information Services
	97TH AV INTS FROM	Cole Information Services
	Naorri Bustamarite	Cole Information Services
1983	Fernandez Mario	New York Telephone
1934	Stroh Jacob Theresa L pdlr	R. L. Polk & Co.

FINDINGS

149 JAMACA 62323

9525 149 JAMACA 62323

Year	Uses	Source
1945	Dictograph Prods Inc fctry	New York Telephone

149TH AVENUE OZ FK VI 32661ST ST

9610 149TH AVENUE OZ FK VI 32661ST ST

Year	Uses	Source
1962	Pistani J P	New York Telephone Directory

149TH AVENUE OZ PARK

9641 149TH AVENUE OZ PARK

Year	Uses	Source
1970	Amico Salvatotre C	New York Telephone

149TH AVENUE OZNE PARK

9611 149TH AVENUE OZNE PARK

Year	Uses	Source
1945	Lawrence Caroline Mrs	New York Telephone

149TH ST

9525 149TH ST

Year	Uses	Source
2005	Abbott Industries Inc	Hill-Donnelly Information Services
2000	Abbott Indstrs Inc	Cole Information Services
1991	ABBOTT INDUSTRIES INC	NYNEX Information Resource Company
1976	ABBOTT WIRE PRODS INC	New York Telephone
1970	Abbott Wire Prods Inc	New York Telephone
1962	Acousticon Div of Dictograph Prods Inc main ofc & fcty	New York Telephone Directory
1939	Dictograph Products Co Inc	New York Telephone Company

9532 149TH ST

Year	Uses	Source
1967	Belk Raeford	New York Telephone
1962	Belk Raeford	New York Telephone Directory
1939	Smigiel Jas	New York Telephone Company

FINDINGS

Year	Uses	Source
1934	Weber Leslie mech	R. L. Polk & Co.
	Webber Leslie lab	R. L. Polk & Co.
	Molinet Arth clk	R. L. Polk & Co.
	Bateman Mary wid Wm T	R. L. Polk & Co.
	Bateman Frances G	R. L. Polk & Co.

9534 149TH ST

Year	Uses	Source
2005	H Rampersad I	Hill-Donnelly Information Services
	Sinanan Indran	Hill-Donnelly Information Services
1991	Davis M	NYNEX Information Resource Company
1983	Davis M	New York Telephone
1976	Andrews Wm	New York Telephone
1970	Andrews Wm	New York Telephone
1967	Andrews Wm	New York Telephone
1962	Ott G A Mrs	New York Telephone Directory
1945	Ott G A Mrs	New York Telephone
1934	Ott Gust Av A Margt cond	R. L. Polk & Co.

9536 149TH ST

Year	Uses	Source
2000	9538 NP	Cole Information Services
1967	Thomas Mary Mrs	New York Telephone
1962	Iaboni Domenic	New York Telephone Directory
1945	Slattery John J	New York Telephone
1939	Slattery Thos Mrs	New York Telephone Company
1934	Slattery Thos J clk	R. L. Polk & Co.
	Slattery Thos Mary A	R. L. Polk & Co.
	Slattery Mary E clk	R. L. Polk & Co.
	Slattery Margt tchr	R. L. Polk & Co.
	Slattery John J policemn	R. L. Polk & Co.

9538 149TH ST

Year	Uses	Source
1970	Moseley Floyd E	New York Telephone
1962	Botticelli Frank	New York Telephone Directory
1945	Wright Jas	New York Telephone

FINDINGS

9545 149TH ST

Year	Uses	Source
1934	De Sel Leah wid Fred	R. L. Polk & Co.

95-25 149TH ST

Year	Uses	Source
1950	DICTOGRAPH PORDS INC-FCTRY	New York Telephone

95-32 149TH ST

Year	Uses	Source
1950	LA PORTA ANTHONY	New York Telephone

95-34 149TH ST

Year	Uses	Source
1950	OTT G A MRS	New York Telephone

95-36 149TH ST

Year	Uses	Source
1950	PERSICHILLI ROCCO & SONS CONST	New York Telephone

95-38 149TH ST

Year	Uses	Source
1950	WRIGHT JAS	New York Telephone

85th Rd

14806 85th Rd

Year	Uses	Source
2014	MENDEL KAUFMAN	EDR Digital Archive
	MENDEL KAUFMAN	EDR Digital Archive
2010	MENDEL KAUFMAN	EDR Digital Archive
	MENDEL KAUFMAN	EDR Digital Archive

14807 85th Rd

Year	Uses	Source
2014	NAWAZ LIMO INC	EDR Digital Archive
	NAWAZ LIMO INC	EDR Digital Archive

14811 85th Rd

Year	Uses	Source
2014	GURJAS CAB CORP	EDR Digital Archive
	GURJAS CAB CORP	EDR Digital Archive

FINDINGS

Year	Uses	Source
2010	SATLUJ CONSTRUCTION CORP	EDR Digital Archive
	SINGH & SINGH CO	EDR Digital Archive
	MULTI ETHNIC ERLY LRNG SUP INC	EDR Digital Archive
	SINGH & SINGH CO	EDR Digital Archive
	SATLUJ CONSTRUCTION CORP	EDR Digital Archive
	MULTI ETHNIC ERLY LRNG SUP INC	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
147-16 94 Avenue	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
148-07 95 Avenue	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
148-10 97 Avenue	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
148-16 97 Avenue	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
14806 85th Rd	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
14806 85th Rd	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
14807 85th Rd	2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
14807 85th Rd	2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
14811 85th Rd	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
14811 85th Rd	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
149-01 95 Avenue	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
8514 148th St	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
8514 148th St	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
8531 148th St	2014, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
8531 148th St	2014, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
94-12 150 Street	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
95-02 150 Street	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
95-11 148 Street	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
95-24 150 Street	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
95-25 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
95-32 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
95-34 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
95-36 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
95-38 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
9515 148 JAM	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922
9515 148TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1950, 1939, 1922
9521 148 JAM	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
9521 148TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1950, 1945, 1939, 1922
9522 148 JAM	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922
9522 148TH ST	2014, 2010, 1996, 1950, 1922
9524 148TH ST	2014, 2010, 1996, 1950, 1922
9525 148 JAM	2014, 2010, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9525 148TH ST	2014, 2010, 1996, 1950, 1922
9525 149 JAMACA 62323	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
9525 149TH ST	2014, 2010, 1996, 1983, 1967, 1950, 1945, 1934, 1922
9526 148TH ST	2014, 2010, 1996, 1950, 1922
9527 148TH ST	2014, 2010, 2000, 1996, 1991, 1983, 1976, 1950, 1939, 1934, 1922
9528 148TH ST	2014, 2010, 2000, 1996, 1991, 1976, 1970, 1962, 1950, 1939, 1934, 1922
9529 148TH ST	2014, 2010, 2000, 1996, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
9530 148 JAMACA 6181	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9530 148 JAMACA 61851	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
9530 148TH ST	2014, 2010, 1996, 1976, 1950, 1939, 1922
9531 148TH ST	2014, 2010, 2000, 1996, 1991, 1983, 1976, 1950, 1945, 1939, 1922
9532 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1922
9533 148TH ST	2014, 2010, 1996, 1983, 1976, 1970, 1950, 1939, 1922
9534 149TH ST	2014, 2010, 2000, 1996, 1950, 1939, 1922
9535 148 JAMACA 32989	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
9535 148TH ST	2014, 2010, 1996, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1922
9536 149TH ST	2014, 2010, 2005, 1996, 1991, 1983, 1976, 1970, 1950, 1922
9537 148TH ST	2014, 2010, 1996, 1991, 1983, 1950, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
9538 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1950, 1939, 1934, 1922
9539 148TH ST	2014, 2010, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1922
9541 148 JAM	2014, 2010, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9541 148TH ST	2014, 2010, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
9545 149TH ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
9610 149TH AVENUE OZ FK VI 32661ST ST	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
9611 149TH AVENUE OZNE PARK	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
9641 149TH AVENUE OZ PARK	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
97-02 150 Street	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
95-04 149th Street	2014, 2010, 1996, 1950, 1945, 1939, 1934, 1922

Appendix C:

Additional Reviewed Records

Appendix C: Proposed (E) Designations

A. INTRODUCTION

Under the proposed zoning, (E) designations are proposed to avoid impacts on projected or potential development sites with respect to hazardous materials, air quality (heating systems and industrial sources), and noise. A description of the requirements of those (E) designations follows. A list of the sites, blocks and lots affected by the (E) designations is presented in Tables C-1 through C-9. The descriptions and requirements of the proposed (E) designations are presented below.

B. HAZARDOUS MATERIALS

There are two mechanisms that are applied to avoid the potential impacts to sites with respect to hazardous materials. For privately owned sites it is an (E) designation that is mapped as part of the zoning. For City-owned sites it is a Memorandum of Understanding. Both approaches are described below.

(E) DESIGNATION SITES (PRIVATELY OWNED SITES)

As described in Chapter 11, "Hazardous Materials," a number of projected and potential development sites in the study area have the potential to be impacted by hazardous materials. In order to avoid impacts from hazardous materials, an (E) designation would be placed on these sites as part of the proposed zoning. The sites with the need for hazardous materials (E) designations are presented in Tables C-1 and C-2.

By placing (E) designations on sites where there is a known or suspect environmental concern, the potential for an adverse impact to human health and the environment resulting from the proposed action is eliminated. The (E) designation provides the mechanism for identifying and remediating environmental conditions with respect to hazardous materials. The New York City Department of Environmental Protection (DEP) would provide the regulatory oversight of the environmental investigation during this process. Building permits are not issued by the Department of Buildings without prior DEP approval of the investigation and/or remediation pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements).

The (E) designation requires that the fee owner of the site conduct, as necessary, a Phase 1 Environmental Site Assessment, a site sampling and testing protocol and remediation, as necessary, to the satisfaction of the NYCDEP. The (E) designation also includes a mandatory construction-related health and safety plan that must be approved by NYCDEP. Under the (E) designation, the following tasks are undertaken:

Task 1 – The applicant submits to the NYCDEP Bureau of Environmental Planning and Assessment (BEPA), for review and approval, a Phase 1A of the site along with a soil and

groundwater testing protocol including a description of methods and a site map with all sampling locations clearly and precisely represented.

If site sampling is necessary, no sampling should begin until written approval of a protocol is received from DEP. The number and location of sample sites should be selected to adequately characterize the site, the specific source of suspected contamination (i.e., petroleum based contamination and non-petroleum based contamination) and the remainder of the site's condition. The characterization should be complete enough to determine what remediation strategy (if any) is necessary after review of sampling data. Guidelines and criteria for selecting sampling locations and collecting samples are provided by DEP upon request.

Task 2 – A written report with findings and a summary of the data must be submitted to DEP after completion of the testing phase and laboratory analysis for review and approval. After receiving such results, a determination is made by DEP if the results indicate that remediation is necessary.

If DEP determines that no remediation is necessary, written notice shall be given by DEP.

If remediation is indicated from the test results, a proposed remediation plan must be submitted to DEP for review and approval. The applicant must complete such remediation as determined necessary by DEP. The applicant should then provide proper documentation that the work has been satisfactorily completed.

A DEP-approved construction-related health and safety plan would be implemented during evacuation and construction and activities to protect workers and the community from potentially significant adverse impacts associated with contaminated soil and/or groundwater. This Plan would be submitted to NYCDEP for review and approval prior to implementation.

CITY-OWNED SITES

In addition to the sites receiving (E) designations, there are several City owned properties that have been identified as having the potential for hazardous materials contamination. Because these sites are under City ownership, they are not subject to the regulations governing (E) designations. The agencies that own and control these sites have entered into Memoranda of Understanding or other agreements with DEP to ensure that any testing and remediation activities, as deemed necessary by DEP in accordance with DEP requirements, are performed prior to and/or during development of or a change in use on these sites. (See Table C-3, "City Owned Projected and Potential Development Sites with Hazardous Materials.")

C. AIR QUALITY

HEATING SYSTEM EMISSIONS

Under the proposed actions, for each of the 43 development sites that failed the HVAC screening analysis, a refined analysis was performed utilizing the ISC3 dispersion model (see Chapter 18,"Air Quality"). The results indicated that 30 of the 42 sites that failed the screening analysis also failed the refined analysis, for No. 2 oil. If minimum distances are increased from the most conservative distance (building line to building line) no significant adverse impacts are predicted at 21 of these 30 development sites. All of the sites analyzed with the ISC3 model would pass the analysis if natural gas is utilized as the fuel type.

To preclude the potential for significant adverse air quality impacts on other projected and potential developments from the HVAC emissions, an (E) designation would be incorporated into the propose rezoning for each of the affected sites. The (E) designations for these sites with respect to HVAC systems is presented in Tables C-4 and C-5.

INDUSTRIAL SOURCES

As discussed in Chapter 18, "Air Quality" analyses were undertaken to identify manufacturing and industrial uses within 400 feet of the projected and potential development sites. In order to avoid impacts on these sites due to local industrial source emissions an (E) designation for air quality could be incorporated into the rezoning proposal on these affected sites. The (E) designations for those sites affected by industrial sources is presented in Tables C-6 and C-7.

As currently proposed, the (E) designations would require that new residential and/or commercial development, enlargement, or change of use would meet specified conditions designed to preclude adverse air quality effects. Specifically, fee owners of properties on which the (E) designations would be mapped would need to demonstrate to NYCDEP that any new development, enlargement, or change of use has inoperable windows and does not include air intakes, unless such intakes incorporate alternative design features and/or technologies recognized as effective under industry standards. New York law requires operable windows in habitable portions of residential buildings and residential development, enlargement, or change of use on the referenced property is therefore restricted under current conditions.

These conditions would apply only if the emissions and/or contaminants identified in the air quality analyses were to continue to be present at the time that the fee owner of the property subject to the (E) designation seeks to satisfy the (E) requirements. If the fee owner could demonstrate to NYCDEP that the emissions, contaminants, or exposure pathways no longer existed or have been reduced below impact levels, the conditions would not apply.

Chapter 18, "Air Quality," has been updated since the Draft Environmental Impact Statement (DEIS) to reflect changes to the Reasonable Worst-Case Development Scenario. Between the DEIS and the FEIS, further analyses of industrial sources were undertaken in coordination with NYCDEP. The further analyses have resulted in the elimination of (E) designations from many projected and potential development sites. Specifically, the further analyses consisted of the following:

- Analyses from the DEIS were refined to reflect the NYSDEC policy at sites where there were predicted exceedances of a SGC or AGC for a criteria pollutant, but where the NAAQS were met for the same pollutant.
- NYCDEP conducted site inspections at certain concrete batching plants that provided more accurate information for determining concentrations of particulate matter at development sites.
- NYCDEP conducted site inspections of a metal plating facility and a facility with process ovens, and the analyses from the DEIS were revised to reflect existing operations that are in compliance with all applicable legal requirements.
- Sensitivity analyses were conducted incorporating additional control technologies or increased stack heights at certain facilities.

As a result of the above refinements and site inspections, (E) designations were eliminated from many projected and potential development sites, and one (E) designation was limited to specific

lot lines for potential development site 384. Because the City cannot currently require the measures analyzed under the sensitivity analyses, (E) designations could not be eliminated as a result. Finally, since the DEIS, the City was unable to identify any design features or technologies that developments could incorporate to reduce or eliminate the impacts that would be avoided by the (E) designation. This, however, would not preclude future developments from incorporating such design features or technologies that become recognized as effective by industry standards.

D. NOISE

As described in Chapter 19, "Noise," a number of projected and potential development sites require noise attenuation in order to avoid impacts from ambient noise. In order to avoid these impacts, an (E) designation would be mapped on these sites as part of the proposed zoning. Three factors were considered in the analysis of noise attenuation: 1) whether a development site would require attenuation of 30 dBA or greater; 2) whether the site is currently in a zoning district that does not allow residential uses (e.g., an M or C8 zone); and 3) whether the site is currently in a zoning district that would allow residential in the No-Action (e.g., R6). If a site met the first two criteria, it was determined to need an (E) designation. If the site fell under the last criteria, and it could be developed with a residential use in the No-Action, it would not receive an (E) designation.

There are three levels of required noise attenuation depending upon the ambient noise levels, one is 30 dBA, 35 dBA, and 40 dBA. The text for the (E) designation for sites requiring 30 dBA is as follows:

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

The projected and potential development sites where the 30 dBA level of noise attenuation would be required are presented in Table C-8 (projected sites) and C-9 (potential sites).

For sites requiring 35 dBA noise attenuation, the following (E) designation noise text would apply:

> **"In order to ensure an acceptable interior noise environment, future residential/commercial uses must provide a closed window condition with a minimum of 35 dBA window/wall attenuation on all façades in order to maintain an interior noise level of 45 dBA. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, central air conditioning."**

For facades requiring 40 dBA noise attenuation, the following (E) designation noise text would apply:

> **"In order to ensure an acceptable interior noise environment, future residential/commercial uses must provide a closed window condition with a minimum of 40 dBA window/wall attenuation in order to maintain an interior**

noise level of 45 dBA. To achieve 40 dBA of building attenuation, special design features that go beyond the normal double-glazed windows are necessary and may include using specially designed windows (i.e., windows with small sizes, windows with air gaps, windows with thicker glazing, etc.), and additional building attenuation. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, central air conditioning."

With the attenuation measures specified above, the proposed rezoning would not result in any significant adverse noise impacts, and would meet CEQR guidelines.

Between the DEIS and the FEIS additional monitoring was undertaken at 25 additional locations in the study area for the purposes of gathering supplemental noise data relative to determining ambient noise conditions and project impacts for the FEIS. This involved supplemental noise monitoring around locations where measured $L_{10(1)}$ values reported in the DEIS indicated that 40 dBA of attenuation would be necessary to satisfy CEQR interior noise requirements. The purpose of these additional measurements and subsequent analyses performed for the FEIS was to identify which development sites and/or facades of those sites would require 40 dB of attenuation and which development sites and/or facades of those sites would require less attenuation. As a result of these efforts, certain sites along higher-level noise corridors in the project area were confirmed to require 40 dB of attenuation (e.g., Jamaica Avenue, Van Wyck Expressway). However, at other locations or facades of buildings, based on the supplemental noise monitoring, it was determined that less than 40 dB of attenuation (i.e., 35 dB of attenuation) would be adequate to satisfy CEQR requirements. Appendix C of this FEIS Appendix C, "Proposed (E) Designations" has been modified to reflect this additional noise monitoring work.

The (E) designations for these sites affected by ambient noise are presented in Tables C-8 and C-9.

Table C-1
(E) Designations for Projected Development Sites (Hazardous Materials)

Site #	Block	Lot
298-URA	9998	1
298-URA	9998	2
298-URA	9998	16
298-URA	9998	19
299-URA	9998	22
299-URA	9998	25
299-URA	9998	42
299-URA	9998	43
299-URA	9998	47
300-URA	9998	83
300-URA	9998	86
300-URA	9998	87
300-URA	9998	88
300-URA	9998	89
300-URA	9998	90
300-URA	9998	91
300-URA	9998	93
300-URA	9998	94
302-URA	9999	1
302-URA	9999	9
302-URA	9999	10
302-URA	9999	11
302-URA	9999	13
302-URA	9999	15
302-URA	10000	1
337-AT2	10026	1
337-AT2	10026	6
337-AT2	10026	12
337-AT2	10026	14
337-AT2	10026	23
337-AT2	10026	39
123-JC3	9757	18
188-JC3	9794	48
315-LC	10002	1
315-LC	10002	10
315-LC	10002	13
316-LC	10002	5
317-LC	10002	15
318-LC	10002	17
319-LC	10002	20
320-LC	10002	21

Table C-1 (cont'd)
(E) Designations for Projected Development Sites (Hazardous Materials)

Site #	Block	Lot
321-LC	10002	22
321-LC	10002	23
321-LC	10002	24
321-LC	10002	122
322-LC	10002	25
414-LC	10107	142
417-LC	10108	305
418-LC	10108	312
418-LC	10108	314
418-LC	10108	319
340-B	10028	1
340-B	10028	2
340-B	10028	11
246-E	9908	10
566-E	10316	1
566-E	10316	31
566-E	10316	33
566-E	10316	35
566-E	10316	37
521-J	10219	161
522-J	10219	162
582-J	10320	1
583-J	10320	6
583-J	10320	10
583-J	10320	12
583-J	10320	29
584-J	10321	8
323-O	10017	18
334-O	10020	137
357-O	10032	13
357-O	10032	15
357-O	10032	16
357-O	10032	17
357-O	10032	18
363-O	10043	6
368-O	10052	9
369-O	10052	10
370-O	10055	2
371-O	10055	7
371-O	10055	14
372-O	10055	11
375-O	10055	31

Table C-1 (cont'd)
(E) Designations for Projected Development Sites (Hazardous Materials)

Site #	Block	Lot
380-O	10057	16
381-O	10058	1
381-O	10058	21
484-Q	10163	51
457-Q	10150	55
506-R	10176	8
506-R	10176	12
541-R	10237	1
545-R	10244	211
546-R	10244	216
547-R	10244	217
548-R	10244	223
555-R	10253	18
1-S	9618	30
3-S	9619	19
5-S	9619	28
8-S	9620	45
18-S	9674	1
277-S	9972	1
2-T	9619	1
2-T	9619	8
2-T	9619	12
2-T	9619	54
6-T	9620	1
7-T	9620	11
75-U	9694	17
80-U	9697	8
83-U	9697	34
83-U	9697	39
97-U	9706	69
97-U	9706	72
100-U	9706	83
102-U	9706	98
148-U	9763	3
148-U	9763	5
148-U	9763	7
148-U	9763	9
148-U	9763	11
148-U	9763	13
177-U	9769	64
230-U	9837	1
231-U	9837	10

Table C-1 (cont'd)
(E) Designations for Projected Development Sites (Hazardous Materials)

Site #	Block	Lot
250-U	9913	25
252-U	9914	40
256-V	9917	43
260-V	9930	26
260-V	9930	31
264-V	9934	20
275-V	9960	1
276-V	9960	19
592-X	10328	49
593-X	10352	108
426-Y	10124	11

Table C-2
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
293-URA	9993	1
293-URA	9993	3
293-URA	9993	18
293-URA	9993	20
293-URA	9993	22
293-URA	9993	23
293-URA	9993	24
293-URA	9993	25
293-URA	9993	27
293-URA	9993	28
293-URA	9993	29
301-URA	9998	95
301-URA	9998	101
301-URA	9998	109
301-URA	9998	110
301-URA	9998	119
301-URA	9998	124
301-URA	9998	127
285-AT5	9987	1
286-AT3	9991	1
287-AT3	9991	19
288-AT3	9991	68
289-AT3	9992	26
290-AT3	9992	27
291-AT3	9992	29
292-AT3	9992	38
338-AT3	10027	3
338-AT3	10027	5
339-AT3	10027	8
339-AT3	10027	10
339-AT3	10027	11
339-AT3	10027	36
347-AT3	10030	6
348-AT3	10030	12
349-AT3	10030	15
350-AT3	10030	17
350-AT3	10030	22
351-AT3	10030	25
351-AT3	10030	28
352-AT3	10031	2
353-AT3	10031	7

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
354-AT3	10031	10
354-AT3	10031	12
355-AT3	10031	17
278-AT4	9982	12
278-AT4	9982	13
278-AT4	9982	17
279-AT4	9982	27
280-AT4	9984	11
281-AT4	9984	17
282-AT4	9986	3
283-AT4	9986	20
284-AT4	9986	61
181-JC1	9793	11
182-JC1	9793	14
294-JC1	9995	1
294-JC1	9995	7
294-JC1	9995	14
294-JC1	9995	18
295-JC1	9996	10
295-JC1	9996	12
296-JC1	9996	16
462-JC1	10151	1
463-JC1	10151	7
464-JC1	10151	16
468-JC1	10151	75
476-JC2	10156	149
473-JC2	10155	35
514-JC2	10209	2
118-JC3	9754	25
126-JC3	9760	61
130-JC3	9761	61
199-JC3	9814	34
203-JC3	9818	53
203-JC3	9818	54
203-JC3	9818	56
303-LC	10000	5
303-LC	10000	31
303-LC	10000	38
303-LC	10000	39
303-LC	10000	42
304-LC	10001	1
305-LC	10001	19

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
306-LC	10001	24
307-LC	10001	25
308-LC	10001	26
309-LC	10001	27
310-LC	10001	28
311-LC	10001	29
312-LC	10001	40
313-LC	10001	41
314-LC	10001	124
359-LC	10033	8
360-LC	10033	13
360-LC	10033	14
401-LC	10095	32
401-LC	10095	43
410-LC	10107	71
410-LC	10107	73
410-LC	10107	77
411-LC	10107	82
411-LC	10107	84
411-LC	10107	86
411-LC	10107	130
412-LC	10107	107
413-LC	10107	138
415-LC	10107	167
416-LC	10108	301
416-LC	10108	348
420-LC	10109	31
420-LC	10109	44
432-LC	10125	1
19-SC	9676	13
20-SC	9676	22
37-SC	9679	89
67-SC	9688	17
327-A	10018	11
328-A	10018	12
328-A	10018	16
328-A	10018	17
328-A	10018	18
330-A	10018	25
331-A	10018	27
332-A	10018	29
341-B	10028	4

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
342-B	10028	7
343-B	10028	10
344-B	10028	31
345-B	10028	32
346-B	10028	34
36-D	9679	78
163-D	9765	39
163-D	9765	41
245-E	9908	9
247-E	9909	1
248-E	9909	5
567-E	10317	10
572-E	10318	5
573-E	10318	11
578-E	10318	25
579-E	10318	26
607-E	10815	5
249-F	9910	39
568-J	10317	19
569-J	10317	20
570-J	10317	22
574-J	10318	12
575-J	10318	13
576-J	10318	23
577-J	10318	24
585-J	10321	11
333-O	10020	114
335-O	10020	138
356-O	10031	25
358-O	10032	22
362-O	10041	3
362-O	10041	4
362-O	10041	6
364-O	10046	4
365-O	10046	6
366-O	10046	9
367-O	10049	1
376-O	10056	17
376-O	10056	19
379-O	10057	14
385-O	10059	11
385-O	10059	12

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
385-O	10059	15
385-O	10059	23
385-O	10059	24
385-O	10059	25
389-O	10059	28
393-O	10060	6
390-O	10059	30
391-O	10059	31
391-O	10059	32
391-O	10059	131
391-O	10059	132
392-O	10060	2
393-O	10060	6
396-O	10060	30
446-Q	10150	37
447-Q	10150	38
448-Q	10150	39
449-Q	10150	40
487-Q	10164	38
487-Q	10164	39
495-Q	10166	20
497-Q	10171	13
498-Q	10171	14
500-Q	10171	18
507-R	10178	125
508-R	10179	1
509-R	10180	1
530-R	10225	1
530-R	10225	4
530-R	10225	7
532-R	10225	18
533-R	10228	8
534-R	10228	10
538-R	10236	1
539-R	10236	5
540-R	10236	70
542-R	10237	5
543-R	10244	1
544-R	10244	9
549-R	10244	224
550-R	10244	225
551-R	10253	10

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
552-R	10253	12
553-R	10253	15
554-R	10253	16
556-R	10253	21
557-R	10253	23
558-R	10253	28
559-R	10270	23
562-R	10280	39
9-S	9620	60
9-S	9620	61
12-T	9626	7
12-T	9626	75
13-T	9626	12
14-T	9626	14
15-T	9626	17
15-T	9626	19
16-T	9626	21
17-T	9626	55
59-U	9685	1
60-U	9685	4
61-U	9685	6
62-U	9685	52
63-U	9685	59
68-U	9689	8
68-U	9689	16
69-U	9689	20
74-U	9694	14
82-U	9697	26
82-U	9697	31
89-U	9698	27
90-U	9701	31
91-U	9702	1
95-U	9704	63
96-U	9706	64
99-U	9706	80
101-U	9706	88
164-U	9765	43
178-U	9769	68
206-U	9821	6
267-U	9821	11
211-U	9826	52
212-U	9827	25

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
213-U	9827	31
214-U	9827	37
215-U	9829	35
215-U	9829	37
216-U	9829	41
218-U	9834	16
219-U	9834	20
220-U	9834	26
233-U	9840	52
234-U	9844	1
251-U	9914	35
265-V	9934	26
270-V	9950	55
273-V	9954	1
274-V	9954	70
600-V	10454	19
601-V	10454	23
516-X	10217	45
517-X	10219	56
517-X	10219	58
517-X	10219	60
517-X	10219	62
517-X	10219	75
517-X	10219	76
518-X	10219	59
519-X	10219	94
520-X	10219	97
523-X	10219	314
523-X	10219	315
523-X	10219	316
580-X	10319	1
580-X	10319	6
580-X	10319	12
581-X	10319	20
586-X	10322	26
587-X	10323	1
588-X	10323	6
589-X	10323	19
590-X	10325	1
590-X	10325	6
590-X	10325	10
591-X	10328	44

Table C-2 (cont'd)
(E) Designations for Potential Development Sites (Hazardous Materials)

Site #	Block	Lot
594-X	10352	370
386-Y	10059	16
394-Y	10060	16
397-Y	10061	32
397-Y	10061	33
397-Y	10061	34
397-Y	10061	35
397-Y	10061	36
398-Y	10062	6
399-Y	10062	22
399-Y	10062	23
422-Y	10113	71
423-Y	10115	53
427-Y	10124	15
428-Y	10124	18
429-Y	10124	19
429-Y	10124	20
430-Y	10124	21
431-Y	10124	25

Table C-3
City-Owned Projected and Potential Development Sites with Hazardous Materials

Site #	Block	Lot(s)	Site Status
421-Y	10112	39	Potential
445-Q	10140	26	Projected
455-Q	10150	51 and 52	Projected
515-JC2	10209	115	Projected

Source: DCP PLUTO data.

Table C-4

(E) Designations for Projected Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
41	9681	47 and 49	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
45	9681	56	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
50	9681	62	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
51	9681	64	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
52	9681	71	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
53	9681	73	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
56	9681	85	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
57	9681	87 and 90	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
58	9681	91, 93, and 94	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
79	9694	44, 47, and 49	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 70 feet from the lot line facing Hillside Avenue when firing No. 2 oil, or at least 20 feet from the same lot line when firing natural gas, to avoid any potential significant air quality impacts.
88	9697	52	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 60 feet from the lot line facing Hillside Avenue when firing No. 2 oil, or at least 10 feet from the same lot line when firing natural gas, to avoid any potential significant air quality impacts.
127	9760	82	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 161st Street, to avoid any potential significant air quality impacts.
128	9761	14	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing Jamaica Avenue when firing No. 2 oil, to avoid any potential significant air quality impacts.
131	9761	80	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Jamaica Avenue, to avoid any potential significant air quality impacts.
133	9761	95	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems exclusively, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 162nd Street, to avoid any potential significant air quality impacts.

Table C-4 (cont'd)
(E) Designations for Projected Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
154	9763	47	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
155	9763	51	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 153rd Street when firing No. 2 oil, to avoid any potential significant air quality impacts.
202	9816	49	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
217	9834	1, 3, 5, 6, 8, and 10	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
228	9835	33	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing Hillside Avenue, to avoid any potential significant air quality impacts.
230	9837	1	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
231	9837	10	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
250	9913	25, 35, and 41	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
252	9914	40	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
271	9950	64	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Dalny Road, to avoid any potential significant air quality impacts.
272	9950	70	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing Avon Road, to avoid any potential significant air quality impacts.
299	9998	22, 25, 42, 43, and 47	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
302	9999	1, 9, 10, 11, 13, 15	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
302	10000	1	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
381	10058	1, 21	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 30 feet from the lot line facing 105th Avenue when firing No. 2 oil, to avoid any potential significant air quality impacts.
403	10101	7	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing 160th Street, to avoid any potential significant air quality impacts.

Table C-4 (cont'd)

(E) Designations for Projected Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
404	10101	9	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Archer Avenue and at least 10 feet from the lot line facing 160th Street, to avoid any potential significant air quality impacts.
405	10101	15	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 70 feet from the lot line facing Archer Avenue when firing No. 2 oil, or at least 20 feet from the same lot line when firing natural gas, to avoid any potential significant air quality impacts.
470	10155	1	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 40 feet from the lot line facing Archer Avenue when firing No. 2 oil, or at least 10 feet from the same lot line when firing natural gas, to avoid any potential significant air quality impacts.
471	10155	1, 8, 9, 10, 11, 12, 16, and 210	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.

Table C-5
(E) Designations for Potential Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
38	9681	41	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
39	9681	43	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
42	9681	50	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
43	9681	52	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
44	9681	54	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
46	9681	58	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
47	9681	59	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
48	9681	60	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
49	9681	61	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
54	9681	83	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
55	9681	84	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
84	9697	41	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 150th Street and at least 10 feet from the lot line facing Hillside Avenue to avoid any potential significant air quality impacts.
85	9697	43 and 45	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, ensure that the heating, ventilating and air conditioning stack(s) is located at least 40 feet from the lot line facing 150th Street and at least 20 feet from the lot line facing Hillside Avenue when firing No. 2 oil, or at least 10 ft from each of the above mentioned lot lines when firing natural gas, to avoid any potential significant air quality impacts.
87	9697	50	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 30 feet from the lot line facing Hillside Avenue when firing No. 2 oil, or at least 10 feet from the same lot line when firing natural gas, to avoid any potential significant air quality impacts.
147	9763	1	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Hillside Avenue, to avoid any potential significant air quality impacts.
149	9763	23, 25, and 26	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
150	9763	36	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
151	9763	42	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.

Table C-5 (cont'd)

(E) Designations for Potential Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
152	9763	44	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
153	9763	45	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
156	9763	55	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 153rd Street, to avoid any potential significant air quality impacts.
163	9765	37, 39, and 41	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 60 feet from the lot line facing Hillside Avenue when firing No. 2 oil, or at least 20 feet from the same lot line when firing natural gas, to avoid any potential significant air quality impacts.
199	9814	34	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 164th Street, to avoid any potential significant air quality impacts.
201	9816	39 and 41	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
218	9834	16	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
219	9834	20	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
220	9834	26	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
221	9834	28	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
222	9834	33	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
223	9835	23	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Hillside Avenue, to avoid any potential significant air quality impacts.
224	9835	26	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Hillside Avenue to avoid any potential significant air quality impacts.
225	9835	28	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Hillside Avenue to avoid any potential significant air quality impacts.
226	9835	30	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Hillside Avenue to avoid any potential significant air quality impacts.

Table C-5 (cont'd)
(E) Designations for Potential Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
227	9835	32	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Hillside Avenue to avoid any potential significant air quality impacts.
229	9835	50	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing Wexford Terrace to avoid any potential significant air quality impacts.
251	9914	35	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
253	9915	31	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
254	9915	33	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
266	9937	56	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
267	9937	60	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
268	9944	18	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 30 feet from the lot line facing Avon Street when firing No. 2 oil, to avoid any potential significant air quality impacts.
269	9950	6	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Dalny Road and at least 10 feet from the lot line facing Hillside Avenue, to avoid any potential significant air quality impacts.
270	9950	55	Any new residential and/or commercial development must use natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Avon Street, to avoid any potential significant air quality impacts.
278	9982	12, 13, and 17	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
279	9982	27	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
280	9984	11	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
281	9984	17	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
282	9986	3	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
283	9986	20	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
284	9986	61	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
294	9995	1, 7, 14, and 18	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
295	9995	10 and 12	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.

Table C-5 (cont'd)

(E) Designations for Potential Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
296	9996	16	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
297	9997	97 and 104	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
301	9998	95, 101, 109, 110, 119, 124, and 127	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
347	10030	6	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
348	10030	12	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
349	10030	15	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
350	10030	17 and 22	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
351	10030	25 and 28	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
352	10031	2	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
353	10031	7	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
354	10031	10 and 12	Any new residential and/or commercial development must use natural gas as the type of fuel for HVAC systems.
355	10031	17	Any new residential and/or commercial development must use natural gas as the fuel type for HVAC systems.
382	10059	1	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
383	10059	4	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
384	10059	5 and 6	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
385	10059	11, 12, 15, 23, 24, and 25	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
386	10059	16	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing Sutphin Boulevard and at least 20 feet from the lot line facing 105th Avenue when firing No. 2 oil, or at least 10 ft from each of the same lot lines when firing natural gas, to avoid any potential significant air quality impacts.
387	10059	26	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
388	10059	27	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
389	10059	28	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
390	10059	30	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
391	10059	31, 32, 131, and 132	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
392	10060	2	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.

Table C-5 (cont'd)
(E) Designations for Potential Development Sites (Air Quality, HVAC Restrictions)

Site #	Block	Lot	Restriction
393	10060	6	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
394	10060	16	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 30 feet from the lot line facing Sutphin Boulevard and at least 40 feet from the lot line facing South Road when firing No. 2 oil, or at least 10 ft from each of the same lot lines when firing natural gas, to avoid any potential significant air quality impacts.
395	10060	25 and 28	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
396	10060	30	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
465	10151	21, 23, and 24	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
466	10151	25	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
467	10151	31 and 32	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
472	10155	24	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
474	10155	123	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems.
574	10318	12	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Jamaica Avenue and at least 10 feet from the lot line facing 178th Place, to avoid any potential significant air quality impacts.
575	10318	13	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 178th Place when firing No. 2 oil, to avoid any potential significant air quality impacts.
576	10318	23	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing 179th Place when firing No. 2 oil, to avoid any potential significant air quality impacts.
577	10318	24	Any new residential and/or commercial development must utilize natural gas exclusively as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 10 feet from the lot line facing Jamaica Avenue and at least 10 ft from the lot line facing 179th Place, to avoid any potential significant air quality impacts.
580	10319	1, 6, 12	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the heating, ventilating and air conditioning stack(s) is located at least 20 feet from the lot line facing179th Place, when firing No. 2 oil, to avoid any potential significant air quality impacts.

Table C-6
(E) Designations for Projected Development Sites (Air Quality, Industrial Source Restrictions)

Site #	Block	Lot	Restriction
6	9620	1	Under current conditions, nitric acid emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
7	9620	11	Under current conditions, nitric acid emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
381	10058	1, 21	Under current conditions, particulate matter emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
525	10222	13, 14, 15, 16	Under current conditions, acetaldehyde emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.

Table C-6 (cont'd)
(E) Designations for Projected Development Sites (Air Quality, Industrial Source Restrictions)

Site #	Block	Lot	Restriction
526	10223	10	Under current conditions, acetaldehyde emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
529	10223	14, 16	Under current conditions, acetaldehyde emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.

Table C-7
(E) Designations for Potential Development Sites (Air Quality, Industrial Source Restrictions)

Site #	Block	Lot	Restriction
59	9685	1	Under current conditions, nitric acid emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
62	9685	52	Under current conditions, nitric acid, sodium hydroxide, and sulfuric acid emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
63	9685	59	Under current conditions, nitric acid emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
198	9813	25	Under current conditions, tetrachloroethylene emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.

Table C-7 (cont'd)
(E) Designations for Potential Development Sites (Air Quality, Industrial Source Restrictions)

Site #	Block	Lot	Restriction
384	10059	5, 6	Under current conditions, particulate matter emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes (on the east façade facing 148th Street and on the south façade facing 106th Avenue). Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
524	10221	7	Under current conditions, acetaldehyde emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
527	10223	12	Under current conditions, acetaldehyde emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.
528	10223	13	Under current conditions, acetaldehyde emissions from a nearby industrial source require that development, enlargement, or change of use on the referenced property have inoperable windows and may not include air intakes. Development, enlargement, or change of use on the referenced property is restricted under current conditions as a result of these requirements; in particular, New York law requires operable windows in habitable portions of residential buildings and residential development. The City may determine that these requirements are no longer in effect if the emission source is no longer operating, emission levels affecting the referenced property have changed, or new design approaches and/or technologies are developed in the future that are recognized as effective under industry standards.

Table C-8
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
299-URA	9998	22	M1-1	C6-4	Commercial	30
	9998	25				
	9998	42				
	9998	43				
	9998	47				
300-URA	9998	83	M1-1	C6-4	Residential/Commercial/Hotel	35
	9998	86				
	9998	87				
	9998	88				
	9998	89				
	9998	90				
	9998	91				
	9998	93				
	9998	94				
302-URA	9999	1	M1-1	C6-4	Commercial	30
	9999	9				
	9999	10				
	9999	11				
	9999	13				
	9999	15				
	10000	1				
	10026	1				
	10026	6				
	10026	12				
	10026	14				
	10026	23				
337-AT2	10026	39	M1-1	C6-3	Residential/Commercial	35
127-JC1*	9760	82	C4-2	C6-3	Residential/Commercial	35
132-JC1	9761	82	C4-2	C6-3	Res/Commercial/Community Facility (Community Center)	35
	9761	83				
133-JC1*	9761	95	C4-2	C6-3	Residential/Commercial	35, 40 on South Facade
180-JC1	9793	1	C4-2	C6-3	Residential/Commercial	35, 40 on South Façade
403-JC1*	10101	7	C6-1A	C6-3	Residential/Commercial	35
404-JC1*	10101	9	C6-1A	C6-3	Residential/Commercial	35
405-JC1*	10101	15	C6-1A	C6-3	Residential/Commercial	35
406-JC1	10101	24	C6-1A	C6-3	Res/Commercial/Community Facility (Museum/Gallery)	30
407-JC1	10101	27	C6-1A	C6-3	Res/Commercial/Community Facility (Medical Office)	30, 40 on South Façade
408-JC1	10101	79	C6-1A	C6-3	Res/Commercial/Community Facility (Club)	30, 40 on South Façade
	10101	150				

Table C-8 (cont'd)
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
409-JC1*	10102	2	C6-1A	C6-3	Residential/Commercial	35
470-JC2*	10155	1	C4-2	C6-2	Residential/Commercial	30, 40 on North Façade
471-JC2	10155	8	C4-2	C6-2	Residential/Commercial	30, 40 on North Façade
	10155	9				
	10155	10				
	10155	11				
	10155	12				
	10155	16				
	10155	210				
515-JC2	10209	115	M1-5	C6-2	Residential/Commercial	35
125-JC3	9760	45	C4-2	C4-5X	Residential/Commercial	30
128-JC3	9761	14	C4-2	C4-5X	Residential/Commercial	30
131-JC3*	9761	80	C4-2	C4-5X	Residential/Commercial	30
184-JC3	9793	49	C4-2	C4-5X	Residential/Commercial	30
191-JC3	9796	63	R6/C4-2	C4-5X	Commercial	35
202-JC3	9816	49	C4-2	C4-5X	Residential/Commercial	35
204-JC3	9818	62	R6/C2-2	C4-5X	Res/Commercial/Community Facility (Medical office)	35
417-LC	10108	305	M1-1	M1-4	Community Facility (Social service/nonprofit office)	35
64-SC	9688	6	C4-2	C4-4A	Residential/Commercial	35
65-SC	9688	8	C4-2	C4-4A	Residential/Commercial	35
	9688	9				
66-SC	9688	14	C4-2	C4-4A	Residential/Commercial	35
324-A	10018	1	R4	R5/C1-4	Residential/Commercial	30
325-A	10018	3	R4	R5/C1-4	Residential/Commercial	30
	10018	4				
326-A	10018	7	R4	R5/C1-4	Residential/Commercial	30
336-A	10021	5	R4	R5	Residential	30
45-D	9681	56	R6	R7A	Residential	30
50-D	9681	62	R6	R7A	Residential	30
51-D	9681	64	R6	R7A	Residential	30
52-D	9681	71	R6	R7A	Residential	30
53-D	9681	73	R6	R7A	Residential	30
73-D	9693	60	R6	R7A	Residential	30
79-D	9694	44	R6	R7A	Residential	30
	9694	47				
	9694	49				
88-D	9697	52	R6	R7A	Residential	30
106-D	9753	6	R6	R7A	Residential	35
143-D	9762	49	R6	R7A	Residential	35
154-D	9763	47	R6	R7A/C1-2	Residential/Commercial	30
155-D	9763	51	R6	R7A/C1-2	Residential/Commercial	30

Table C-8 (cont'd)
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
162-D	9765	32	R6/C2-2	R7A/C2-4	Residential/Commercial	35
193-D	9813	5	R6	R7A	Residential	30
194-D	9813	8	R6	R7A	Residential	30
246-E	9908	10	R4/C2-2	R6A/C2-4	Residential/Commercial	35
566-E	10316	1	M1-1	R6A/C2-4	Residential/Commercial	35
	10316	31				
	10316	33				
	10316	35				
	10316	37				
608-E	10815	14	R5/C2-2	R6A/C2-4	Residential/Commercial	35
261-F	9931	12	R3-2	R4-1	Residential	35
262-F	9931	16	R3-2	R4-1	Residential	35
263-F	9931	21	R3-2	R4-1	Residential	35
521-J	10219	161	M1-1	R5	Residential	35
522-J	10219	162	M1-1	R5	Residential	35
582-J	10320	1	M1-1	R5	Residential	35
583-J	10320	6	M1-1	R5	Residential	35
	10320	10				
	10320	12				
	10320	29				
584-J	10321	8	M1-1	R5	Residential	35
323-O	10017	18	R4	R6A/C2-4	Residential/Commercial	40
334-O	10020	137	R4	R6A/C2-4	Residential/Commercial	35
357-O	10032	13	M1-1	R6A/C2-4	Residential/Commercial	
	10032	15				
	10032	16				
	10032	17				
	10032	18				
363-O	10043	6	R4	R6A/C2-4	Residential/Commercial	35
368-O	10052	9	R4	R6A/C2-4	Residential/Commercial	35
369-O	10052	10	R4	R6A/C2-4	Residential/Commercial	35
370-O	10055	2	R4	R6A/C2-4	Residential/Commercial	35
371-O	10055	7	R4	R6A/C2-4	Residential/Commercial	35
	10055	14				
372-O	10055	11	R4	R6A/C2-4	Residential/Commercial	35, 40 on North Façade
373-O	10055	19	R4	R6A/C2-4	Residential/Commercial	35
374-O	10055	20	R4	R6A/C2-4	Residential/Commercial	35
375-O	10055	31	R4	R6A/C2-4	Residential/Commercial	35
380-O	10057	16	R4	R6A/C2-4	Community Facility (house of worship)	35
381-O	10058	1	M1-1	M1-4	Res/Commercial/Community Facility (house of worship)	35, 40 on North Façade
	10058	21				

Table C-8 (cont'd)
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
433-Q	10129	7	R4/C1-2	R5D/C1-4	Residential/Commercial	35
434-Q	10129	20	R4/C1-2	R5D/C1-4	Residential/Commercial	35
435-Q	10129	21	R4/C1-2	R5D/C1-4	Residential/Commercial	35
436-Q	10129	23	R4/C1-2	R5D/C1-4	Residential/Commercial	35
437-Q	10129	25	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10129	27				
438-Q	10129	28	R4/C1-2	R5D/C1-4	Residential/Commercial	35
439-Q	10129	30	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10129	31				
442-Q	10140	20	R4	R5D/C1-4	Residential/Commercial	35
443-Q	10140	22	R4	R5D/C1-4	Residential/Commercial	35
444-Q	10140	23	R4	R5D/C1-4	Residential/Commercial	35
445-Q	10140	26	R4	R5D/C1-4	Residential/Commercial	35
455-Q	10150	51	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10150	52				
456-Q	10150	53	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10150	54				
457-Q	10150	55	R4/C1-2	R5D/C1-4	Residential/Commercial	35
458-Q	10150	57	R4/C1-2	R5D/C1-4	Residential/Commercial	35
477-Q	10161	1	R4/C1-2	R5D/C1-4	Residential/Commercial	35
478-Q	10161	3	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10161	9				
	10161	52				
479-Q	10161	6	R4	R5D	Residential	35
	10161	8				
480-Q	10161	10	R4	R5D	Residential	35
481-Q	10161	46	R4/C1-2	R5D/C1-4	Residential/Commercial	35
482-Q	10161	53	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10161	54				
483-Q	10161	56	R4/C1-2	R5D/C1-4	Residential/Commercial	35
	10161	58				
490-Q	10166	10	R4	R5D/C1-4	Residential/Commercial	35
	10166	11				
491-Q	10166	12	R4	R5D/C1-4	Residential/Commercial	35
492-Q	10166	13	R4	R5D/C1-4	Residential/Commercial	35
493-Q	10166	15	R4	R5D/C1-4	Residential/Commercial	35
494-Q	10166	16	R4	R5D/C1-4	Residential/Commercial	35
	10166	17				
496-Q	10166	25	R4	R5D/C1-4	Residential/Commercial	35
	10166	26				

Table C-8 (cont'd)
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
504-Q	10171	25	R4	R5D/C1-4	Residential/Commercial	35
	10171	26				
505-Q	10171	28	R4	R5D/C1-4	Residential/Commercial	35
	10171	29				
	10171	30				
506-R	10176	8	C8-1	R6A/C2-4	Residential/Commercial	35
	10176	12				
513-R	10197	34	R3-2/ C1-2	R6A/C2-4	Residential/Commercial	35
	10197	35				
525-R	10222	13	R4	R6A/C2-4	Residential/Commercial	35
	10222	14				
	10222	15				
	10222	16				
526-R	10223	10	R4	R6A/C2-4	Residential/Commercial	35
529-R	10223	14	R4	R6A/C2-4	Residential/Commercial	35
	10223	16				
531-R	10225	9	C8-1	R6A/C2-4	Community Facility (house of worship)	35
535-R	10228	15	R4	R6A/C2-4	Residential/Commercial	35
536-R	10228	17	R4	R6A/C2-4	Residential/Commercial	35
537-R	10228	19	R4	R6A/C2-4	Residential/Commercial	35
541-R	10237	1	C8-1	R6A/C2-4	Residential/Commercial	35
545-R	10244	211	C8-1	R6A/C2-4	Residential/Commercial	35
546-R	10244	216	C8-1	R6A/C2-4	Residential/Commercial	35
547-R	10244	217	C8-1	R6A/C2-4	Residential/Commercial	35
548-R	10244	223	C8-1	R6A/C2-4	Residential/Commercial	35
555-R	10253	18	C8-1	R6A/C2-4	Residential/Commercial	35
561-R	10280	32	R3-2/ C1-2	R6A/C1-3	Residential/Commercial	35
	10280	33				
	10280	48				
	10280	50				
	10280	52				
1-S	9618	30	R6/C2-2	R6A/C2-4	Residential/Commercial	35
3-S	9619	19	C8-1	R6A/C2-4	Residential/Commercial	35
5-S	9619	28	R6/C2-2	R6A/C2-4	Residential/Commercial	35
8-S	9620	45	C8-1	R6A/C2-4	Residential/Commercial	35
18-S	9674	1	R6/C2-2	R6A/C2-4	Residential/Commercial	35
277-S	9972	1	M1-1	R6A/C2-4	Community Facility (Medical/hospital)	35

Table C-8 (cont'd)
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
2-T	9619	1	C8-1	C4-3A	Res/Commercial/Community Facility (medical office)	35
	9619	8				
	9619	12				
	9619	54				
6-T	9620	1	C8-1	C4-3A	Res/Commercial/Community Facility (house of worship)	35
7-T	9620	11	C8-1	C4-3A	Res/Commercial/Community Facility (social service/nonprofit office)	35
75-U	9694	17	R6/C2-2	R7X/C2-3	Res/Commercial/Community Facility (medical office)	35
80-U	9697	8	C8-1	R7X/C2-3	Res/Commercial/Community Facility (medical office)	35
83-U	9697	34	C8-1	R7X/C2-3	Res/Commercial/Community Facility (medical office)	35
	9697	39				
97-U	9706	69	C8-1	R7X/C2-4	Res/Commercial/Community Facility (medical office)	35
	9706	72				
100-U	9706	83	C8-1	R7X/C2-4	Res/Commercial/Community Facility (medical office)	35
102-U	9706	98	C8-1	R7X/C2-4	Res/Commercial/Community Facility (medical office)	35
148-U	9763	3	R6	R7X/C2-3	Res/Commercial/Community Facility (medical office)	35
	9763	5				
	9763	7				
	9763	9				
	9763	11				
	9763	13				
158-U	9764	63	R6/C2-2	R7X/C2-3	Res/Commercial/Community Facility (social service/nonprofit office)	35
168-U	9767	26	R6/C2-2	R7X/C2-3	Res/Commercial/Community Facility (house of worship)	35
177-U	9769	64	R6/C2-2	R7X/C2-4		35
205-U	9818	67	R6/C2-2	R7X/C2-4	Res/Commercial/Community Facility (social service/nonprofit office)	35
	9818	73				
217-U	9834	1	R6/C2-2	R7X/C2-4	Residential/Commercial	35
	9834	3				
	9834	5				
	9834	6				
	9834	8				
	9834	10				

Table C-8 (cont'd)
Projected Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Projected Use	Minimum Required Building Attenuation
228-U	9835	33	R6	R7X	Residential	30
230-U	9837	1	R5/C2-2	R7X/C2-4	Residential/Commercial	35
231-U	9837	10	R5/C2-2	R7X/C2-4	Res/Commercial/Community Facility (medical office)	35
250-U	9913	25	R6/C2-2	R7X/C2-4	Res/Commercial/Community Facility (social service/nonprofit office)	35
	9913	35				
	9913	41				
252-U	9914	40	R6/C2-2	R7X/C2-4	Residential/Commercial	35
256-V	9917	43	R5/C2-2	R7A/C2-4	Res/Commercial/Community Facility (social service/nonprofit office)	35
260-V	9930	26	R3-2	R7A/C2-4	Residential/Commercial	35
	9930	31				
264-V	9934	20	R3-2/ C2-2	R7A/C2-4	Residential/Commercial	35
271-V	9950	64	R5/C2-2	R7A/C2-4	Residential/Commercial	35
272-V	9950	70	R5/C2-2	R7A/C2-4	Residential/Commercial	35
275-V	9960	1	R3-2/ C2-2	R7A/C2-4	Residential/Commercial	35
276-V	9960	19	R3-2/ C2-2	R7A/C2-4	Residential/Commercial	35
604-V	10499	57	R3-2	R7A	Residential/Commercial	30
	10499	59				

Note: * Conversion of existing building

Table C-9
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
	9993	1				
	9993	3				
	9993	18				
	9993	20				
	9993	22				
	9993	23				
	9993	24				
	9993	25				
	9993	27				
	9993	28				
293-URA	9993	29	M1-1	C6-3	Commercial	30
	9998	95				
	9998	101				
	9998	109				
	9998	110				
	9998	119				
	9998	124				
301-URA	9998	127	M1-1	C6-3	Residential/Commercial	35
286-AT3	9991	1	M1-1	C4-5X	Residential/Commercial	30
287-AT3	9991	19	M1-1	C4-5X	Residential/Commercial	35
288-AT3	9991	68	M1-1	C4-5X	Residential/Commercial	36
289-AT3	9992	26	M1-1	C4-5X	Residential/Commercial	37
290-AT3	9992	27	M1-1	C4-5X	Residential/Commercial	38
291-AT3	9992	29	M1-1	C4-5X	Residential/Commercial	39
292-AT3	9992	38	M1-1	C4-5X	Residential/Commercial	40
	10030	25				
351-AT3	10030	28	R5	C4-5X	Residential/Commercial	40
352-AT3	10031	2	M1-1	C4-5X	Residential/Commercial	20
353-AT3	10031	7	M1-1	C4-5X	Residential/Commercial	20
	9982	12				
	9982	13				
278-AT4	9982	17	M1-1	C4-4A	Residential/Commercial	30
281-AT4	9984	17	M1-1	C4-4A	Residential/Commercial/ Community Facility	30
283-AT4	9986	20	M1-1	C4-4A	Residential/Commercial	30
119-JC1	9754	48	C4-2	C6-3	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
122-JC1	9756	1	C4-2	C6-3	Residential/Commercial	36
124-JC1	9760	1	C4-2	C6-3	Residential/Commercial/ Community Facility	35
181-JC1	9793	11	C4-2	C6-3	Residential/Commercial	40
182-JC1	9793	14	C4-2	C6-3	Residential/Commercial	35, 40 on South Facade
	9995	1				
	9995	7				
	9995	14				
294-JC1	9995	18	M1-1	C6-3	Residential/Commercial	35
	9996	10				
295-JC1	9996	12	M1-1	C6-3	Residential/Commercial	35
296-JC1	9996	16	M1-1	C6-3	Residential/Commercial	35
	9997	97				
297-JC1	9997	104	M1-1	C6-3	Residential/Commercial	35
402-JC1	10101	3	C6-1A	C6-3	Residential/Commercial	35
462-JC1	10151	1	C4-2	C6-3	Residential/Commercial	35, 40 on North Facade
463-JC1	10151	7	C4-2	C6-3	Residential/Commercial	40
464-JC1	10151	16	C4-2	C6-3	Residential/Commercial	40
468-JC1	10151	75	C6-1A	C6-3	Residential/Commercial	35, 40 on South Facade
	10151	21				
	10151	23				
465-JC2	10151	24	C4-2	C6-2	Residential/Commercial	40
466-JC2	10151	25	C4-2	C6-2	Residential/Commercial	35, 40 on North Facade
472-JC2	10155	24	C4-2	C6-2	Residential/Commercial	30
473-JC2	10155	35	M1-1	C6-2	Residential/Commercial	35
	10156	14				
475-JC2	10156	17	C4-2	C6-2	Residential/Commercial	35, 40 on North Facade
476-JC2	10156	149	M1-5	C6-2	Residential/Commercial	35
514-JC2	10209	2	C4-2	C6-2	Residential/Commercial	35, 40 on North Facade
118-JC3	9754	25	C4-2	C4-5X	Residential/Commercial	35
123-JC3	9757	18	C4-2	C4-5X	Residential/Commercial	30
126-JC3	9760	61	C4-2	C4-5X	Residential/Commercial	30
129-JC3	9761	57	C4-2	C4-5X	Residential/Commercial	30
130-JC3	9761	61	C4-2	C4-5X	Residential/Community Facility	30
183-JC3	9793	29	C4-2	C4-5X	Residential/Commercial	30
190-JC3	9796	25	C4-2	C4-5X	Residential/Commercial	35
199-JC3	9814	34	C4-2	C4-5X	Residential/Commercial	35
200-JC3	9814	81	C4-2	C4-5X	Residential/Commercial	30
	9816	39				
201-JC3	9816	41	C4-2	C4-5X	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
	9818	53				
	9818	54				
203-JC3	9818	56	C4-2	C4-5X	Residential/Commercial	35
19-SC	9676	13	C4-2	C4-4A	Residential/Commercial	35
20-SC	9676	22	C4-2	C4-4A	Residential/Commercial	35
21-SC	9677	1	C4-2	C4-4A	Residential/Commercial	35
22-SC	9677	16	C4-2	C4-4A	Residential/Commercial	35
32-SC	9678	94	C4-2	C4-4A	Residential/Commercial	35
33-SC	9678	99	C4-2	C4-4A	Residential/Commercial	35
37-SC	9679	89	C4-2	C4-4A	Residential/Commercial	35
67-SC	9688	17	C4-2	C4-4A	Residential/Commercial	35
	9690	7				
	9690	9				
70-SC	9690	10	R6/C2-2	C4-4A	Residential/Commercial	35
71-SC	9690	14	R6/C2-2	C4-4A	Residential/Commercial	35
72-SC	9692	54	R6/C2-2	C4-4A	Residential/Commercial	35
327-A	10018	11	R4	R5/C1-4	Residential/Commercial	30
	10018	12				
	10018	16				
	10018	17				
	10018	18				
328-A	10018	117	R4	R5/C1-4	Residential/Commercial	30
329-A	10018	20	R4	R5/C1-4	Residential/Commercial	30
330-A	10018	25	R4	R5/C1-4	Residential/Commercial	30
331-A	10018	27	R4	R5/C1-4	Residential/Commercial	30
332-A	10018	29	R4	R5/C1-4	Residential/Commercial	30
	9679	77				
36-D	9679	78	R6	R7A	Residential	30
43-D	9681	52	R6	R7A	Residential	30
44-D	9681	54	R6	R7A	Residential	30
46-D	9681	58	R6	R7A	Residential	30
47-D	9681	59	R6	R7A	Residential	30
48-D	9681	60	R6	R7A	Residential	30
49-D	9681	61	R6	R7A	Residential	30
84-D	9697	41	R6	R7A/C2-3	Residential/Commercial	35
	9697	43				
85-D	9697	45	R6	R7A	Residential	35
86-D	9697	47	R6	R7A	Residential	35
87-D	9697	50	R6	R7A	Residential	30
104-D	9753	3	R6	R7A	Residential	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
105-D	9753	5	R6	R7A	Residential	35
107-D	9753	8	R6	R7A	Residential	35
108-D	9753	9	R6	R7A	Residential	35
109-D	9753	11	R6	R7A	Residential	35
110-D	9753	13	R6	R7A	Residential	35
	9762	10				
134-D	9762	16	R6	R7A	Residential	30
135-D	9762	17	R6	R7A	Residential	30
136-D	9762	19	R6	R7A	Residential	30
137-D	9762	23	R6	R7A	Residential	30
138-D	9762	35	R6	R7A	Residential	35
139-D	9762	36	R6	R7A	Residential	35
140-D	9762	37	R6	R7A	Residential	35
141-D	9762	38	R6	R7A	Residential	35
142-D	9762	41	R6	R7A	Residential	35
144-D	9762	54	R6	R7A	Residential	35
145-D	9762	56	R6	R7A	Residential	35
146-D	9762	57	R6	R7A	Residential	35
147-D	9763	1	R6	R7A	Residential	35
	9763	23				
	9763	25				
149-D	9763	26	C8-1	R7A/C2-3		35
150-D	9763	36	R6	R7A/C1-2	Residential/Commercial	35
151-D	9763	42	R6	R7A/C1-2	Residential/Commercial	35
152-D	9763	44	R6	R7A/C1-2	Residential/Commercial	30
153-D	9763	45	R6	R7A/C1-2	Residential/Commercial	30
156-D	9763	55	R6	R7A	Residential	30
157-D	9764	15	R6	R7A	Residential	35
	9765	37				
	9765	39				
163-D	9765	41	R6/C2-2	R7A/C2-3	Residential/Commercial	35
195-D	9813	11	R6	R7A	Residential	30
196-D	9813	14	R6	R7A	Residential	30
197-D	9813	16	R6	R7A	Residential	30
245-E	9908	9	R4/C2-2	R6A/C2-4	Residential/Commercial	35
247-E	9909	1	R4/C2-2	R6A/C2-4	Residential/Commercial	35
248-E	9909	5	R4/C2-2	R6A/C2-4	Residential/Commercial	35
567-E	10317	10	M1-1	R6A/C2-4	Residential/Commercial	35
571-E	10318	1	M1-1	R6A/C2-4	Residential/Commercial	35
572-E	10318	5	M1-1	R6A/C2-4	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
573-E	10318	11	M1-1	R6A/C2-4	Residential/Commercial	35
578-E	10318	25	M1-1	R6A/C2-4	Residential/Commercial	35
579-E	10318	26	M1-1	R6A/C2-4	Residential/Commercial	35
595-E	10443	14	R5/C1-2	R6A/C2-4	Residential/Commercial	35
596-E	10443	15	R5/C1-2	R6A/C2-4	Residential/Commercial	35
597-E	10443	17	R5/C1-2	R6A/C2-4	Residential/Commercial	35
598-E	10443	19	R5/C1-2	R6A/C2-4	Residential/Commercial	35
599-E	10443	20	R5/C1-2	R6A/C2-4	Residential/Commercial	35
	10443	23				
607-E	10815	5	R5/C1-2	R6A/C2-4	Residential/Commercial	35
609-E	10816	1	R5/C1-2	R6A/C2-4	Residential/Commercial	35
	10816	5				
249-F	9910	39	R2	R4-1	Residential	35
568-J	10317	19	M1-1	R5	Residential	35
569-J	10317	20	M1-1	R5	Residential	35
570-J	10317	22	M1-1	R5	Residential	35
574-J	10318	12	M1-1	R5	Residential	35
575-J	10318	13	M1-1	R5	Residential	35
576-J	10318	23	M1-1	R5	Residential	35
577-J	10318	24	M1-1	R5	Residential	35
585-J	10321	11	M1-1	R5	Residential	35
	10321	16				
333-O	10020	114	R4	R6A/C2-4	Residential/Commercial	35
335-O	10020	138	R4	R6A/C2-4	Residential/Commercial	35
356-O	10031	25	M1-1	R6A	Residential	35
358-O	10032	22	M1-1	R6A	Residential	35
361-O	10035	36	R3-2	R6A/C2-4	Residential/Commercial	35
362-O	10041	3	R4	R6A/C2-4	Residential/Commercial	35
	10041	4				
	10041	6				
364-O	10046	4	R4	R6A/C2-4	Residential/Commercial	35
365-O	10046	6	R4	R6A/C2-4	Residential/Commercial	35
366-O	10046	9	R4	R6A/C2-4	Residential/Commercial	35
367-O	10049	1	R4	R6A/C2-4	Residential/Commercial	35
376-O	10056	17	R4	R6A/C2-4	Residential/Commercial	35
	10056	19				
377-O	10056	20	R4	R6A/C2-4	Residential/Commercial	35
378-O	10057	8	R4	R6A/C2-4	Residential/Commercial	35
	10057	9				
379-O	10057	14	R4	R6A/C2-4	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
382-O	10059	1	M1-1	R6A/C2-3	Residential/Commercial	35
383-O	10059	4	M1-1	R6A/C2-3	Residential/Commercial	35
	10059	5				
384-O	10059	6	M1-1	R6A/C2-3	Residential/Commercial	35
	10059	11				
	10059	12				
	10059	15				
	10059	23				
	10059	24				
385-O	10059	25	M1-1	R6A/C2-3	Residential/Commercial	35, 40 on East Facade
387-O	10059	26	M1-1	R6A/C2-3	Residential/Commercial	35
388-O	10059	27	M1-1	R6A/C2-3	Residential/Commercial	35
389-O	10059	28	M1-1	R6A/C2-3	Residential/Commercial	35
390-O	10059	30	M1-1	R6A/C2-3	Residential/Commercial	35
	10059	31				
	10059	32				
	10059	131				
391-O	10059	132	M1-1	R6A/C2-3	Residential/Commercial	35
392-O	10060	2	M1-1	R6A/C2-3		35
393-O	10060	6	M1-1	R6A/C2-3	Residential/Commercial	35
	10060	25				
395-O	10060	28	M1-1	R6A/C2-3	Residential/Commercial	35
396-O	10060	30	M1-1	R6A/C2-3	Residential/Commercial	35
400-P	10091	12	R4/C2-2	R5D/C2-4	Residential/Commercial	30
424-P	10124	7	M1-1	R5D/C2-4	Residential/Commercial	30
425-P	10124	10	M1-1	R5D/C2-4	Residential/Commercial	30
610-P	11945	65	R4/C2-2	R5D/C2-4	Residential/Commercial	30
611-P	11945	67	R4/C2-2	R5D/C2-4	Residential/Commercial	30
440-Q	10140	18	R4	R5D/C1-4	Residential/Commercial	35
441-Q	10140	19	R4	R5D/C1-4	Residential/Commercial	35
446-Q	10150	37	R4/C1-2	R5D/C1-4	Residential/Commercial	35
447-Q	10150	38	R4/C1-2	R5D/C1-4	Residential/Commercial	35
448-Q	10150	39	R4/C1-2	R5D/C1-4	Residential/Commercial	35
449-Q	10150	40	R4/C1-2	R5D/C1-4	Residential/Commercial	35
450-Q	10150	41	R4/C1-2	R5D/C1-4	Residential/Commercial	35
451-Q	10150	42	R4/C1-2	R5D/C1-4	Residential/Commercial	35
452-Q	10150	43	R4/C1-2	R5D/C1-4	Residential/Commercial	35
453-Q	10150	44	R4/C1-2	R5D/C1-4	Residential/Commercial	35
454-Q	10150	49	R4/C1-2	R5D/C1-4	Residential/Commercial	35
459-Q	10150	59	R4/C1-2	R5D/C1-4	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
460-Q	10150	60	R4/C1-2	R5D/C1-4	Residential/Commercial	35
461-Q	10150	61	R4/C1-2	R5D/C1-4	Residential/Commercial	35
489-Q	10166	1	R4	R5D/C1-4	Residential/Commercial	35
	10166	18				
495-Q	10166	20	R4	R5D/C1-4	Residential/Commercial	35
497-Q	10171	13	R4	R5D/C1-4	Residential/Commercial	35
498-Q	10171	14	R4	R5D/C1-4	Residential/Commercial	35
499-Q	10171	17	R4	R5D/C1-4	Residential/Commercial	35
500-Q	10171	18	R4	R5D/C1-4	Residential/Commercial	35
501-Q	10171	20	R4	R5D/C1-4	Residential/Commercial	35
502-Q	10171	21	R4	R5D/C1-4	Residential/Commercial	35
503-Q	10171	23	R4	R5D/C1-4	Residential/Commercial	35
507-R	10178	125	R4/C1-2	R6A/C2-4	Residential/Commercial	35
508-R	10179	1	R4	R6A/C2-4	Residential/Commercial	35
509-R	10180	1	R4/C1-2	R6A/C2-4	Residential/Commercial	35
511-R	10189	19	R4/C1-2	R6A/C2-4	Residential/Commercial	35
512-R	10197	24	R3-2/C1-2	R6A/C2-4	Residential/Commercial	35
524-R	10221	7	C8-1	R6A/C2-4	Residential/Commercial	35
527-R	10223	12	R4	R6A/C2-4	Residential/Commercial	35
528-R	10223	13	R4	R6A/C2-4	Residential/Commercial	35
	10225	1				
	10225	4				
530-R	10225	7	C8-1	R6A/C2-4	Residential/Commercial	35
533-R	10228	8	R4	R6A/C2-4	Residential/Commercial	35
534-R	10228	10	R4	R6A/C2-4	Residential/Commercial	35
538-R	10236	1	C8-1	R6A/C2-4	Residential/Commercial	35
539-R	10236	5	C8-1	R6A/C2-4	Residential/Commercial	35
540-R	10236	70	C8-1	R6A/C2-4	Residential/Commercial	35
542-R	10237	5	C8-1	R6A/C2-4	Residential/Commercial	35
543-R	10244	1	C8-1	R6A/C2-4	Residential/Commercial	35
549-R	10244	224	C8-1	R6A/C2-4		35
550-R	10244	225	C8-1	R6A/C2-4	Residential/Commercial	35
551-R	10253	10	C8-1	R6A/C2-4	Residential/Commercial	35
552-R	10253	12	C8-1	R6A/C2-4	Residential/Commercial	35
553-R	10253	15	C8-1	R6A/C2-4	Residential/Commercial	35
554-R	10253	16	C8-1	R6A/C2-4	Residential/Commercial	35
556-R	10253	21	C8-1	R6A/C2-4	Residential/Commercial	35
557-R	10253	23	C8-1	R6A/C2-4	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
558-R	10253	28	C8-1	R6A/C2-4	Residential/Commercial	35
559-R	10270	23	R3-2/C1-2	R6A/C1-3	Residential/Commercial	35
560-R	10270	25	R3-2/C1-2	R6A/C1-3	Residential/Commercial	35
562-R	10280	39	R3-2/C1-2	R6A/C1-3	Residential/Commercial	35
563-R	10280	42	R3-2/C1-2	R6A/C1-3	Residential/Commercial	35
564-R	10280	44	R3-2/C1-2	R6A/C1-3	Residential/Commercial	35
565-R	10280	45	R3-2/C1-2	R6A/C1-3	Residential/Commercial	35
4-S	9619	24	C8-1	R6A/C2-4	Residential/Commercial	35
9-S	9620	60	C8-1	R6A/C2-4	Residential/Commercial	35
	9620	61				
10-T	9625	75	C8-1	C4-3A	Residential/Commercial	35
11-T	9626	1	C8-1	C4-3A	Residential/Commercial	30
12-T	9626	7	C8-1	C4-3A	Residential/Commercial	30
	9626	75				
13-T	9626	12	C8-1	C4-3A	Residential/Commercial	30
14-T	9626	14	C8-1	C4-3A	Residential/Commercial	30
15-T	9626	17	C8-1	C4-3A	Residential/Commercial	30
	9626	19				
16-T	9626	21	C8-1	C4-3A	Residential/Commercial	30
17-T	9626	55	C8-1	C4-3A	Residential/Commercial	
59-U	9685	1	C8-1	R7X/C2-4	Residential/Commercial/ Community Facility	30
60-U	9685	4	C8-1	R7X/C2-4	Residential/Commercial	30
61-U	9685	6	C8-1	R7X/C2-4	Residential/Commercial	30
62-U	9685	52	C8-1	R7X/C2-4	Residential/Commercial	30
63-U	9685	59	C8-1	R7X/C2-4	Residential/Commercial	30
68-U	9689	8	C8-1	R7X/C2-4	Residential/Commercial	35
	9689	16				
69-U	9689	20	C8-1	R7X/C2-4	Residential/Commercial	35
74-U	9694	14	R6/C2-2	R7X/C2-3	Residential/Commercial/ Community Facility	35
76-U	9694	23	R6/C2-2	R7X/C2-3	Residential/Commercial	35
77-U	9694	26	R6/C2-2	R7X/C2-3	Residential/Commercial/	35
	9694	27			Community Facility	
78-U	9694	36	R6/C2-2	R7X/C2-3	Residential/Commercial	35
81-U	9697	12	C8-1	R7X/C2-3	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
82-U	9697 9697	26 31	C8-1	R7X/C2-3	Residential/Commercial	35
89-U	9698	27	C8-1	R7X/C2-4	Residential/Commercial	35
90-U	9701	31	C8-1	R7X/C2-4	Residential/Commercial	35
91-U	9702	1	R4-1	R7X/C2-4	Residential/Commercial/ Community Facility	35
92-U	9702 9702	79 83	C8-1	R7X/C2-4	Residential/Commercial	35
93-U	9704	43	R6/C2-4	R7X/C2-4	Residential/Commercial	35
94-U	9704	44	R6/C2-4	R7X/C2-4	Residential/Commercial/ Community Facility	35
95-U	9704	63	R6/C2-4	R7X/C2-4	Residential/Commercial/ Community Facility	35
96-U	9706	64	C8-1	R7X/C2-4	Residential/Commercial	35
98-U	9706	75	C8-1	R7X/C2-4	Residential/Commercial/ Community Facility	35
99-U	9706	80	C8-1	R7X/C2-4	Residential/Commercial/ Community Facility	35
101-U	9706	88	C8-1	R7X/C2-4	Residential/Commercial	35
164-U	9765	43	R6/C2-2	R7X/C2-3	Residential/Commercial	35
169-U	9767 9767	35 36	R6/C2-2	R7X/C2-3	Residential/Commercial	35
178-U	9769	68	R5/C2-2	R7X/C2-4	Residential/Commercial	35
179-U	9771	1	R5/C2-2	R7X/C2-4	Residential/Commercial/ Community Facility	35
198-U	9813	25	R6/C2-2	R7X/C2-3	Residential/Commercial	30
206-U	9821	6	R6/C1-2	R7X/C2-4	Residential/Commercial/ Community Facility	35
207-U	9821	11	R6/C1-2	R7X/C2-4	Residential/Commercial	35
208-U	9822	29	R6/C1-2	R7X/C2-4	Residential/Commercial	35
209-U	9822	32	R6/C1-2	R7X/C2-4	Residential/Commercial	35
210-U	9822	36	R6/C1-2	R7X/C2-4	Residential/Commercial	35
211-U	9826	52	R6/C2-2	R7X/C2-4	Residential/Commercial	35
212-U	9827	25	R6/C2-2	R7X/C2-4	Residential/Commercial	35
213-U	9827	31	R6/C2-2	R7X/C2-4	Residential/Commercial/ Community Facility	35
214-U	9827	37	R6/C2-2	R7X/C2-4	Residential/Commercial	35
215-U	9829 9829	35 37	R6/C2-2	R7X/C2-4	Residential/Commercial	35
216-U	9829	41	R6/C2-2	R7X/C2-4	Residential/Commercial	35
218-U	9834	16	R6/C2-2	R7X/C2-4	Residential/Commercial	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
219-U	9834	20	R6/C2-2	R7X/C2-4	Residential/Commercial/ Community Facility	35
220-U	9834	26	R6/C2-2	R7X/C2-4	Residential/Commercial	35
221-U	9834	28	R6/C2-2	R7X/C2-4	Residential/Commercial	35
222-U	9834	33	R6/C2-2	R7X/C2-4	Residential/Commercial	35
223-U	9835	23	R6	R7X	Residential	30
224-U	9835	26	R6	R7X	Residential	30
225-U	9835	28	R6	R7X	Residential	30
226-U	9835	30	R6	R7X	Residential	30
227-U	9835	32	R6	R7X	Residential	30
229-U	9835	50	R6/C2-2	R7X/C2-4	Residential/Commercial	35
232-U	9840	1	R5/C1-2	R7X/C2-4	Residential/Commercial/ Community Facility	35
233-U	9840	52	R5/C1-2	R7X/C2-4	Residential/Commercial	35
234-U	9844	1	R5/C1-2	R7X/C2-4	Residential/Commercial	35
235-U	9844	42	R5/C2-2	R7X/C2-4	Residential/Commercial/ Community Facility	35
236-U	9844	61	R5/C2-2	R7X/C2-4	Residential/Commercial	35
237-U	9844	62	R5/C2-2	R7X/C2-4	Residential/Commercial	35
238-U	9844 9844	63 65	R5/C2-2	R7X/C2-4	Residential/Commercial	35
239-U	9844	66	R5/C2-2	R7X/C2-4	Residential/Commercial	35
240-U	9844	69	R5/C1-2	R7X/C2-4	Residential/Commercial	35
241-U	9844	101	R5/C2-2	R7X/C2-4	Residential/Commercial	35
251-U	9914	35	R6/C2-2	R7X/C2-4	Residential/Commercial	35
253-U	9915	31	R6/C2-2	R7X/C2-4	Residential/Commercial	35
254-U	9915	33	R6/C2-2	R7X/C2-4	Residential/Commercial	35
266-U	9937	56	R5/C2-2	R7X/C2-4	Residential/Commercial	35
267-U	9937	60	R5/C2-2	R7X/C2-4	Residential/Commercial	35
255-V	9917	4	R5/C2-2	R7A/C2-4	Residential/Commercial	35
265-V	9934	26	R3-2/C2-2	R7A/C2-4	Residential/Commercial	35
268-V	9944	18	R5/C2-2	R7A/C2-4	Residential/Commercial	35
269-V	9950	6	R5/C2-2	R7A	Residential	35
270-V	9950	55	R5/C2-2	R7A/C2-4	Residential/Commercial/ Community Facility	35
273-V	9954	1	R3-2/C2-2	R7A/C2-4	Residential/Commercial/ Community Facility	35

Table C-9 (cont'd)
Potential Site (E) Designations (Noise)

Site #	Block	Lot	Existing Zoning	Proposed Zoning	Potential Use	Minimum Required Building Attenuation
274-V	9954	70	R3-2/C2-2	R7A/C2-4	Residential/Commercial	35
600-V	10454	19	R3-2/C2-2	R7A/C2-4	Residential/Commercial	35
601-V	10454	23	R3-2/C2-2	R7A/C2-4	Residential/Commercial	35
602-V	10455	17	R3-2/C2-2	R7A/C2-4	Residential/Commercial	35
603-V	10455	20	R3-2/C2-2	R7A/C2-4	Residential/Commercial/ Community Facility	35
605-V	10499	70	R3-2	R7A	Residential	35
606-V	10499	72	R3-2	R7A	Residential	35

✷

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

Site No: 2-249963
Site Name: ABBOTT INDUSTRIES INC
Tank No: 001
Tank Location: Aboveground - in contact with soil
Subpart: 4
Category: 1
Tank Status: In Service
Tank Install Date: 01/01/1965
Tank Closed Date:
Tank Out Of Service Date:

Tank Capacity: 7500 gal.
Product Stored: #6 fuel oil (on-site consumption)
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: None
Overfill: Product Level Gauge (A/G)
Spill Prevention: None
Dispenser: Suction Dispenser

Pipe Location: No Piping
Pipe Type: Steel/Carbon Steel/Iron
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: Exempt Suction Piping
UDC: No

Tank Next Test Due:
Tank Last Test:

Line Next Test Due:
Line Last Test:
Line Test Method: -

Tank Owner Information

Company: ABBOTT INDUSTRIES INC
Address: 95-25 149TH ST . JAMAICA, NY. 11435

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

Site No: 2-249955
Site Name: ABBOTT INDUSTRIES INC
Tank No: 001
Tank Location: Underground including vaulted with no access for inspection
Subpart:
Category: 1
Tank Status: Closed - In Place
Tank Install Date:
Tank Closed Date: 08/11/2014
Tank Out Of Service Date:

Tank Capacity: 10000 gal.
Product Stored: #2 fuel oil (on-site consumption)
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: None
Overfill: Product Level Gauge (A/G)
Spill Prevention: None
Dispenser: Suction Dispenser

Pipe Location: No Piping
Pipe Type: Steel/Carbon Steel/Iron
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: Exempt Suction Piping
UDC: No

Tank Next Test Due:
Tank Last Test: 09/24/2003
Tank Test Method: Horner EZY3/EZY3 Locator Plus

Line Next Test Due:
Line Last Test:
Line Test Method:

Tank Owner Information

Company: ABBOTT INDUSTRIES INC
Address: 95-25 149TH STREET . JAMAICA, NY. 11435

Refine This Search

Return To Facility

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

95-08 150 STREET **QUEENS 11435** **BIN# 4214037**

150 STREET 95-08 - 95-08

Health Area	: 3300	**Tax Block**	: 10002
Census Tract	: 208	**Tax Lot**	: 10
Community Board	: 412	**Condo**	: NO
Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	95 AVENUE, BEAVER ROAD		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	HAZMAT	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		
Additional Designation(s):	IBZ - INDUSTRIAL BUSINESS ZONE JAM - JAMAICA PLAN AREA MS4 - MS4 AREA		

Special District: DJ - DOWNTOWN JAMAICA

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. Click here for more information

Department of Finance Building Classification: F4-FACTORY/INDSTRIAL

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	2	0
Violations-DOB	0	0
Violations-ECB (DOB)	2	2
Jobs/Filings	2	
ARA / LAA Jobs	0	
Total Jobs	2	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
Crane Information
After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

95-04 149 STREET **QUEENS 11435** **BIN# 4214025**

95 AVENUE	148-02 - 148-02	**Health Area**	: 3300	**Tax Block**	: 10001
95 AVENUE	148-04 - 148-04	**Census Tract**	: 208	**Tax Lot**	: 1
97 AVENUE	148-07 - 148-07	**Community Board**	: 412	**Condo**	: NO
148 STREET	95-01 - 95-01	**Buildings on Lot**	: 1	**Vacant**	: NO
148 STREET	95-21 - 95-21				
149 STREET	95-02 - 95-04				

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	95 AVENUE, 97 AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	HAZMAT	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		
Additional Designation(s):	IBZ - INDUSTRIAL BUSINESS ZONE JAM - JAMAICA PLAN AREA MS4 - MS4 AREA		

Special District: DJ - DOWNTOWN JAMAICA

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. Click here for more information

Department of Finance Building Classification: E1-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	6	1
Violations-DOB	19	12
Violations-ECB (DOB)	1	0
Jobs/Filings	11	
ARA / LAA Jobs	1	
Total Jobs	12	
Actions	3	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
Crane Information
After Hours Variance Permits

NYC Health

NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE

For office use only
CONTROL NUMBER:

FREEDOM OF INFORMATION LAW REQUEST FORM

To: Records Access Officer
NYC Department of Health and Mental Hygiene
42-09 28th Street, 14th Floor, CN 31
Long Island City, NY 11101
Phone: (347) 396-6078/6116
Fax: (347) 396-6087
recordsaccess@health.nyc.gov

Date 11 / 8 / 2019

Dear Record Access Officer:

I, Samuel Ambrose request copies of any inspection reports and/or records located in the Bureau of Environmental, of the New York City Department of Health and Mental Hygiene.

The records pertain to:

- ☐ Lead Poisoning
- ☐ Animal bite
- ☐ Employment/Human Resources
- ☐ Contracts/RFPs
- ☐ Pest Control
- ☒ Environmental for specific property
- ☐ Early Intervention
- ☐ Food Safety
- ☐ Mental Health
- ☐ Communicable Diseases
- ☐ School Health
- ☐ Day Care
- ☐ Other: _____

Please specify/describe the records you are requesting from the above program(s):

Any information the department has regarding on-site septic systems, supply or monitoring wells, Chemical spills health violations or other environmental contamination issues associated with the following properties: 95-04 149th Street, Queens (Block 10001 Lot 1) 95-25 149th Street, Queens (Block 10002 Lot 1) 95-08 + 95-17 150th St Queens (Block 10002, Lots 13 + 10)

There is a charge of 25¢ per page or actual costs of reproduction, payable in advance.

Requester's Name: Samuel Ambrose (Please print) (Signature)

Requester's Organization: PVE LLC

Requester's Address: 108 W 39th St Suite 500 (Street) New York (City) NY (State) 10018 (Zip code)

Telephone Number: (646) 602-4999 E-mail: sambrose@PVE-LLC.com

For more information, please visit: http://www1.nyc.gov/site/doh/about/ogc-foil.page

Sam Ambrose

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Wednesday, November 6, 2019 2:53 PM
To: Sam Ambrose
Subject: FOIL Request :: W060815-110619

Dear Samuel:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 11/6/2019 and given the reference number FOIL #W060815-110619 for tracking purposes. You may expect the Department's response to your request no later than **12/6/2019**.

Record Requested: **Documentation of Spill reports and remediation regarding Spill #s, 1213219, 9814213, 9914434, 9914065, 1507075, 1502854, and 8804089.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: https://mycusthelp.com/NEWYORKDEC//_rs/RequestEdit.aspx?rid=60815

Sam Ambrose

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Wednesday, November 6, 2019 2:59 PM
To: Sam Ambrose
Subject: FOIL Request :: W060816-110619

Dear Samuel:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 11/6/2019 and given the reference number FOIL #W060816-110619 for tracking purposes. You may expect the Department's response to your request no later than **12/6/2019**.

Record Requested: **Any documentation regarding spill #0603449.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: https://mycusthelp.com/NEWYORKDEC//_rs/RequestEdit.aspx?rid=60816

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Facility Information

Site No.: 2-249955
Status: Unregulated/Closed
Expiration Date: 07/20/2017
Site Type: PBS
Facility Type: Manufacturing (Other than Chemical)/Processing
Site Name: ABBOTT INDUSTRIES INC
Address: 95-04 149TH STREET
Locality: JAMAICA
State: NY
Zipcode: 11435
County: Queens

Facility(Property) Owner(s) Information

Facility Owner: ABBOTT INDUSTRIES INC
95-25 149TH STREET . JAMAICA, NY. 11435
Mail Contact: ULRIC GLOUDIN/UNFLAT AND ASSOCIATES, INC.
451 GRANDVIEW AVE. . RIDGEWOOD, NY. 11211

Facility Operator

Facility Operator: LEONARD GROSSMAN

Tank Information

1 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
001	Underground including vaulted with no access for inspection	Closed - In Place	10000

Refine This Search

Tax Map - Digital Tax Map - New York City Dept. of Finance (11/5/2019)

Borough Boundary		C50	Condo Flag/Condo Nunber
Tax Block Boundary		A50	Air Right Flag/Lot Number
50	Tax Block Number	S50	Subterranean Right Flag/Lot Number
Tax Lot Boundary		R	REUC Flag
50	Tax Lot Number		Under Water Tax Lot Boundary
~~50~~	Condo FKA Tax Lot Number		Other Boundary
50.5	Tax Lot Dimension	1	Possession Hook
+/-5.5	Approximate Tax Lot Dimension	Misc	Miscelaneous Text
1500 - 1536	Condo Units Range Label		Small Tax Lot Dimension
	Building Footprint		Surface Water

QUEENS Block: 10001 Lot: 1

- Additional Tax Lot Information

Tax Lot

ACRIS	Effective Tax Year
View	N/A

Sam Ambrose

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Friday, November 22, 2019 11:04 AM
To: Sam Ambrose
Subject: FOIL Request :: W061704-112219

Dear Samuel:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 11/22/2019 and given the reference number FOIL #W061704-112219 for tracking purposes. You may expect the Department's response to your request no later than **12/23/2019**.

Record Requested: **Any documentation related to Spill #8804089 and PBS facility #2-249955.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

---

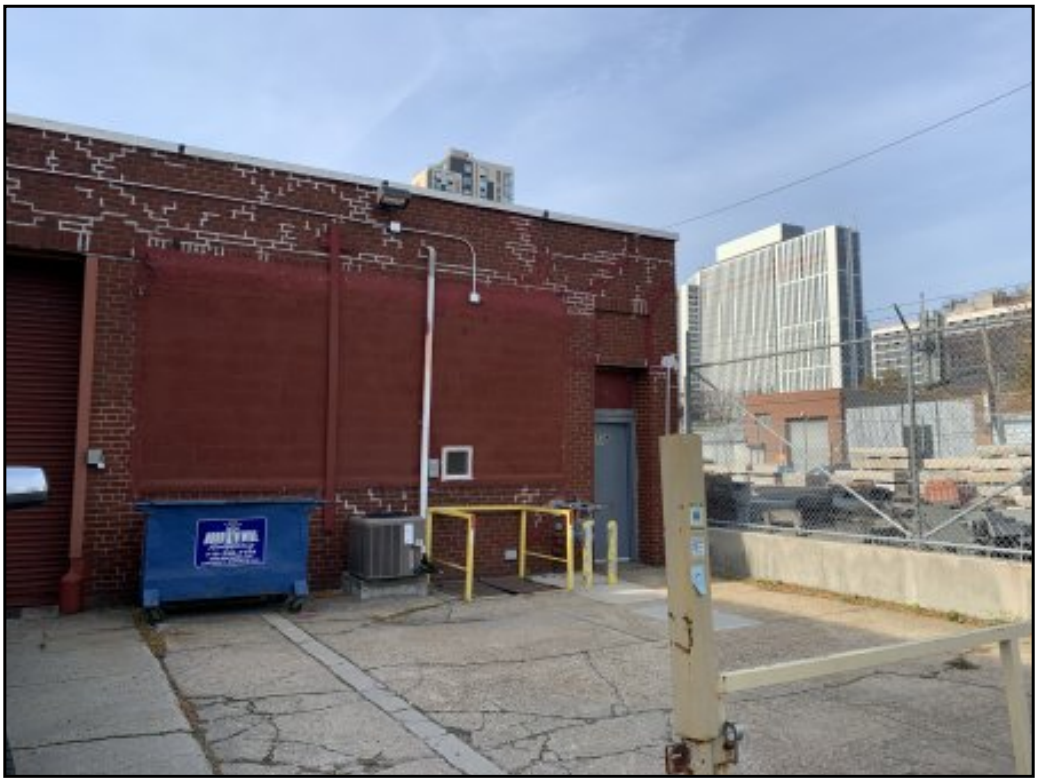
Track the issue status and respond at: https://mycusthelp.com/NEWYORKDEC//_rs/RequestEdit.aspx?rid=61704

Appendix D:

Photographs

#4 Fuel Oil Tank at 95-25 149th St

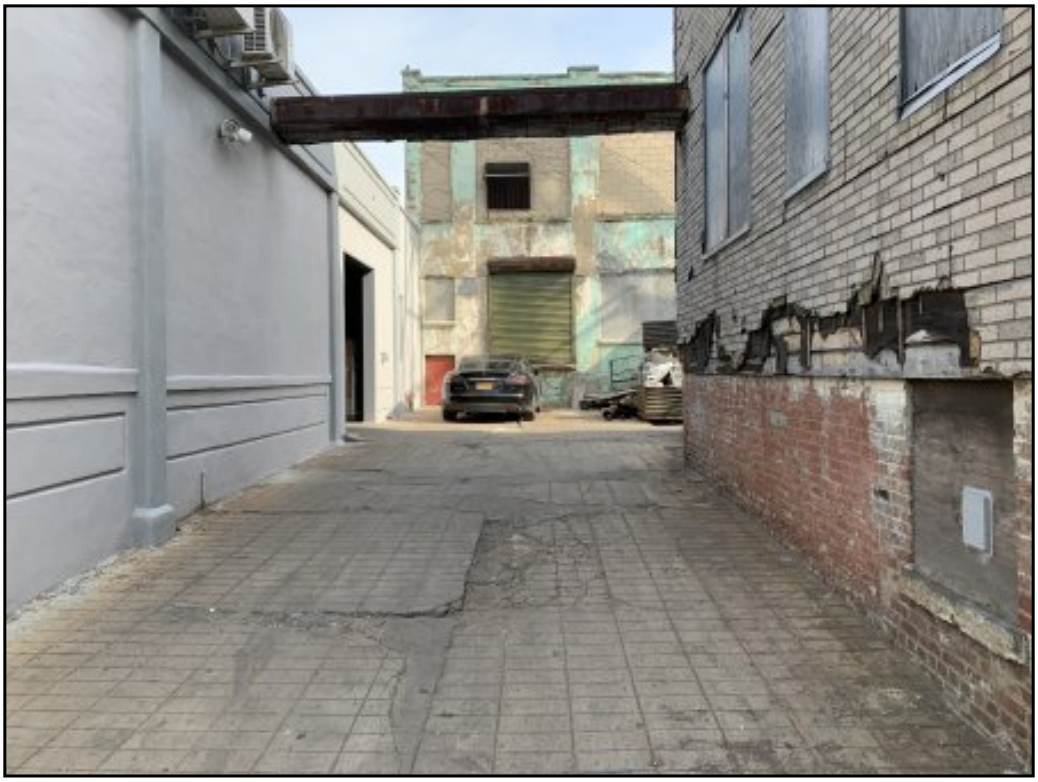
95-04 149th St



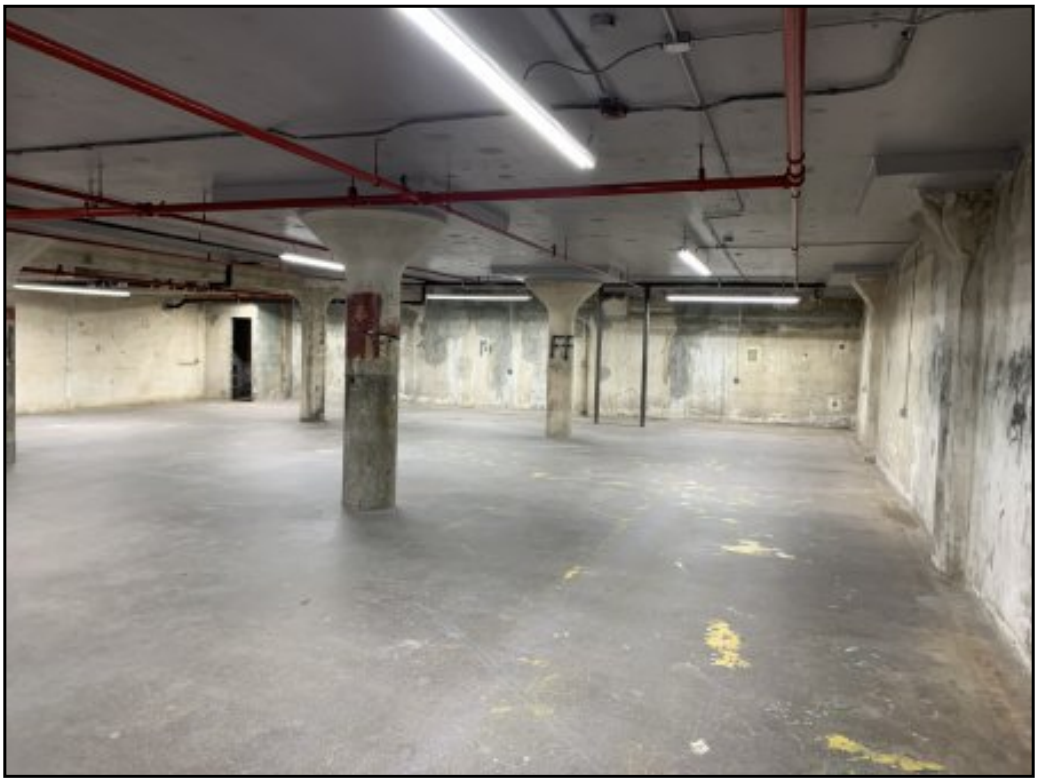
95-08 150th St

95-25 149th St

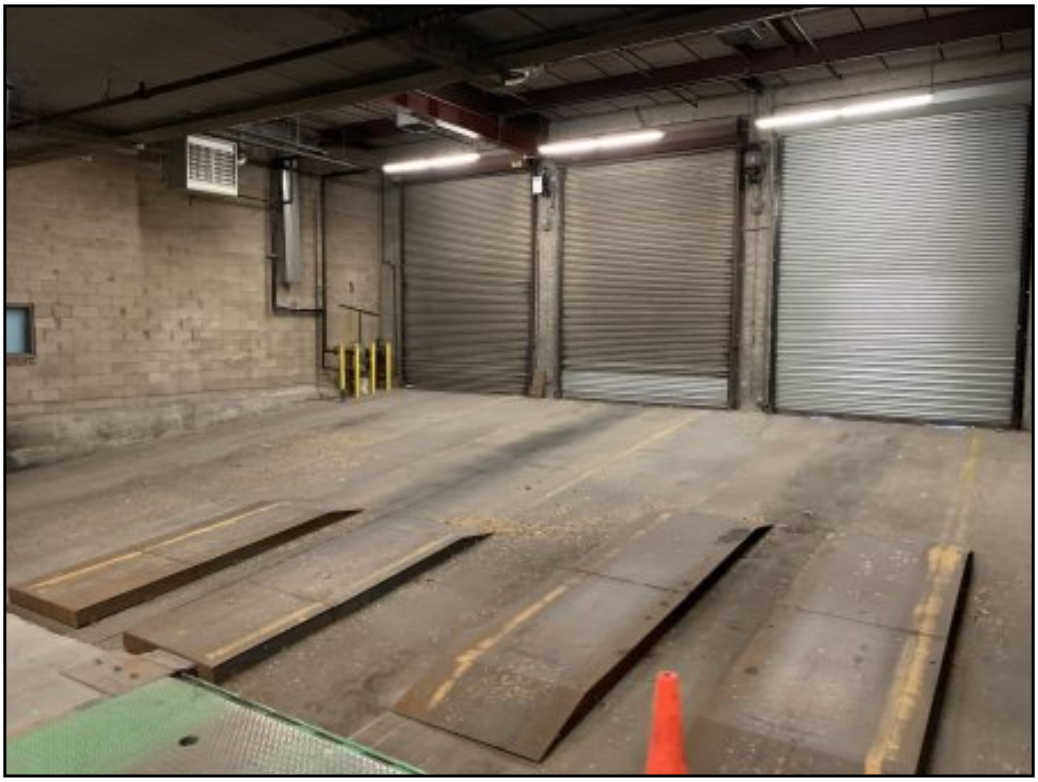
Adjoining Property on Block 10001 Lot 1



Alley at 95-25 149th St



Basement and Storage Area at 95-25 149th St



Bay doors at 95-04 149th St

Boiler at 95-25 149th St

Ceramic Tile Storage at 95-25 149th St

Conference Room at 95-25 149th St

Defunct Boilers at 95-04 149th St

Eastern Adjoining Properties

Eastern Adjoining Property, Vechicle Dismantling

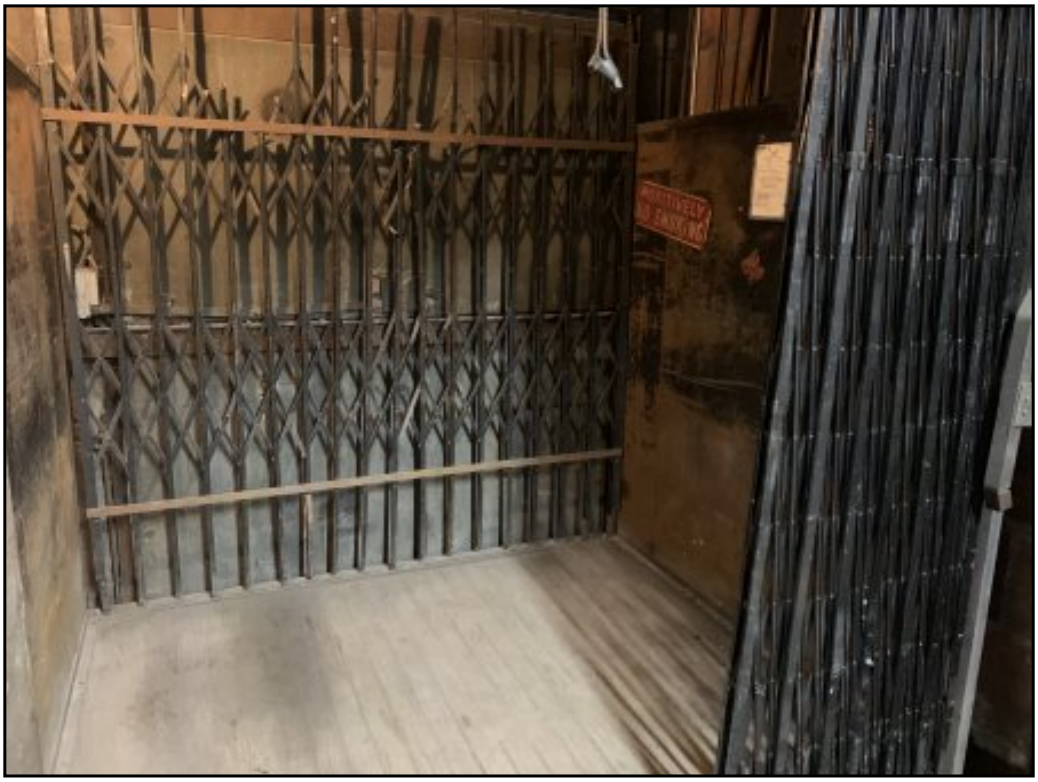
Eastern Adjoining Property, Vehicle Dismantling 2

Eastern Adjoining Property

Fill Line at 95-25 149th St

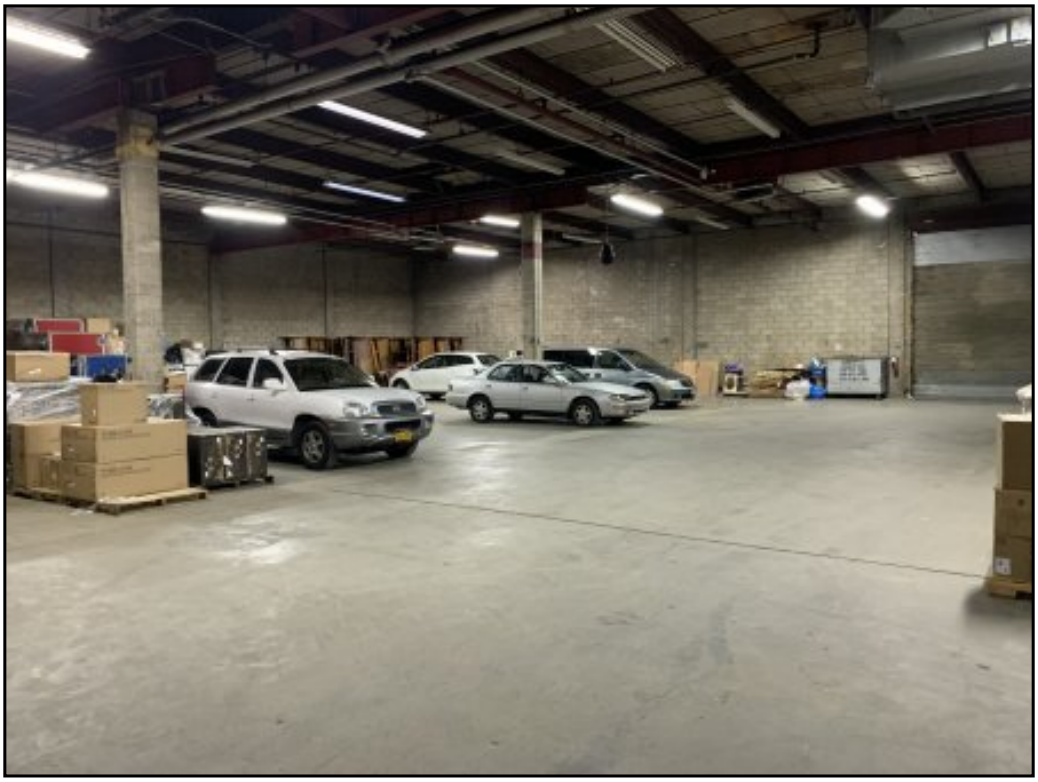
Fire Suppression System at 95-04 149th St

Floor Drain at 95-15 149th St



Freight Elevator at 95-25 149th St

Fuse Box at 95-12 150th St



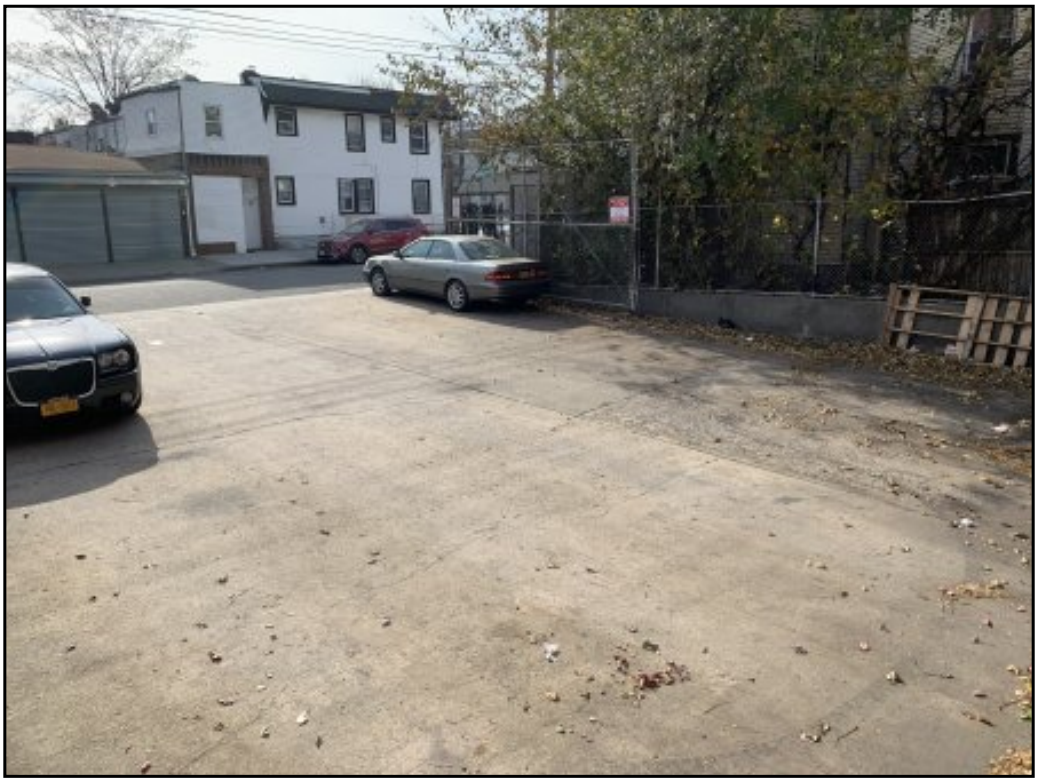
Garage and Warehouse Space at 95-04 149th St

Hydraulic Lifts at 95-04 149th St

Norhtern Adjoining Property 2

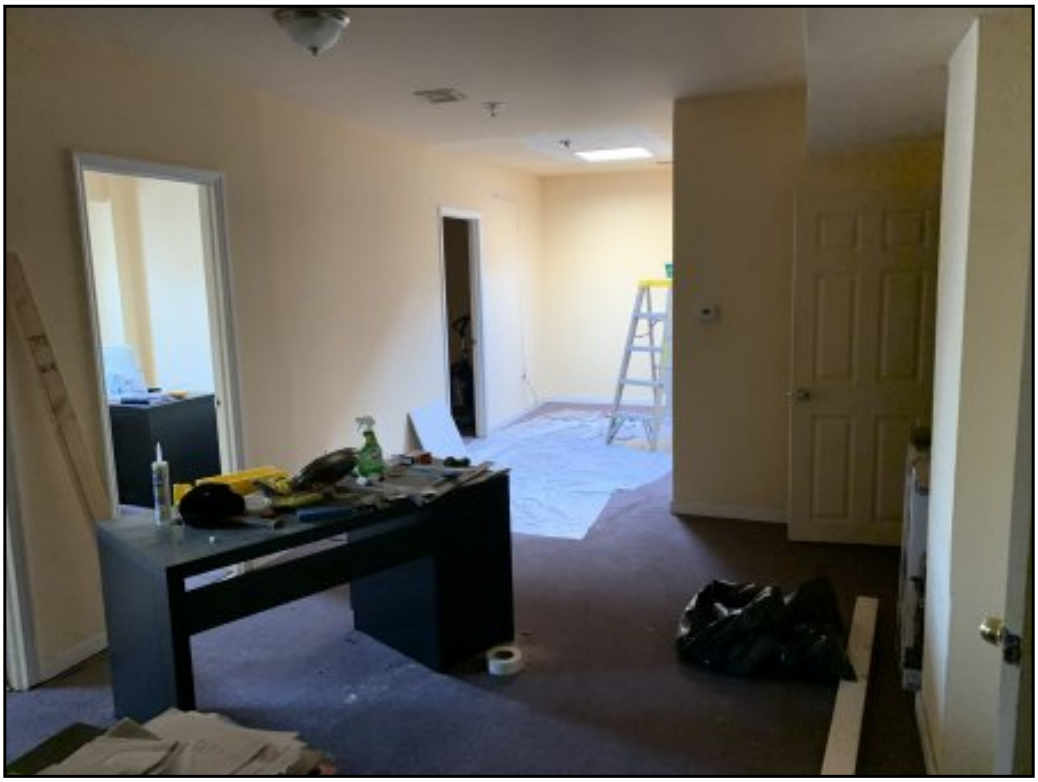
Northern Adjoining Property

Office Space at 95-04 149th St



Parking Lot at 95-04 149th St

Second Floor Office Area at 95-25 149th St



Second Floor Renovations at 95-12 150th St

Southern Adjoining Properties

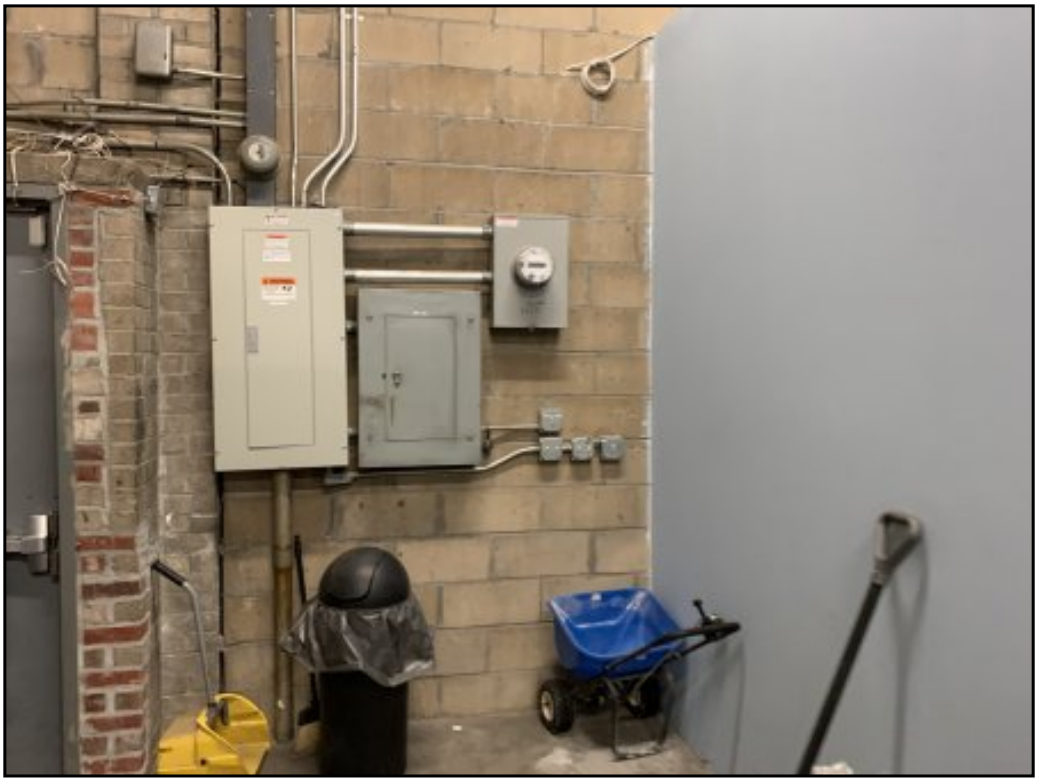
Southern Portion of 95-04 149th St

Storage Area at 95-12 150th St 2

Storage Area at 95-12 150th St

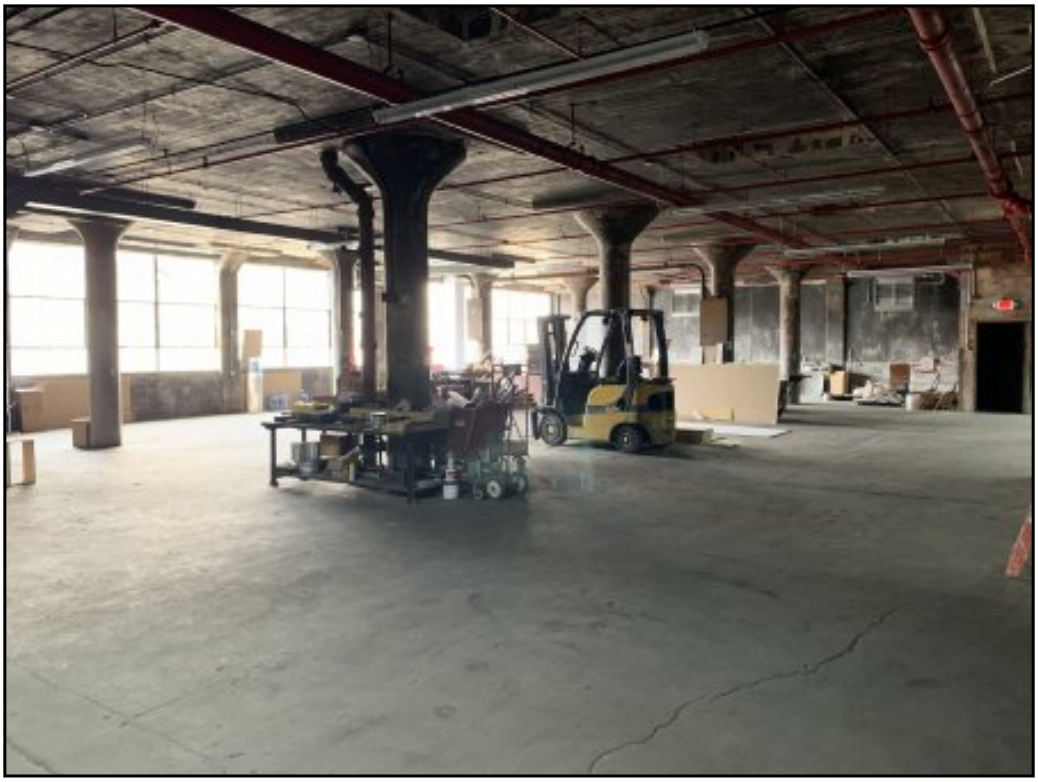
Storage at 95-04 149th St

Storage of Ceramic Tiles at 95-25 149th St



Utilities at 95-04 149th St

Vent Pipe at 95-25 149th St

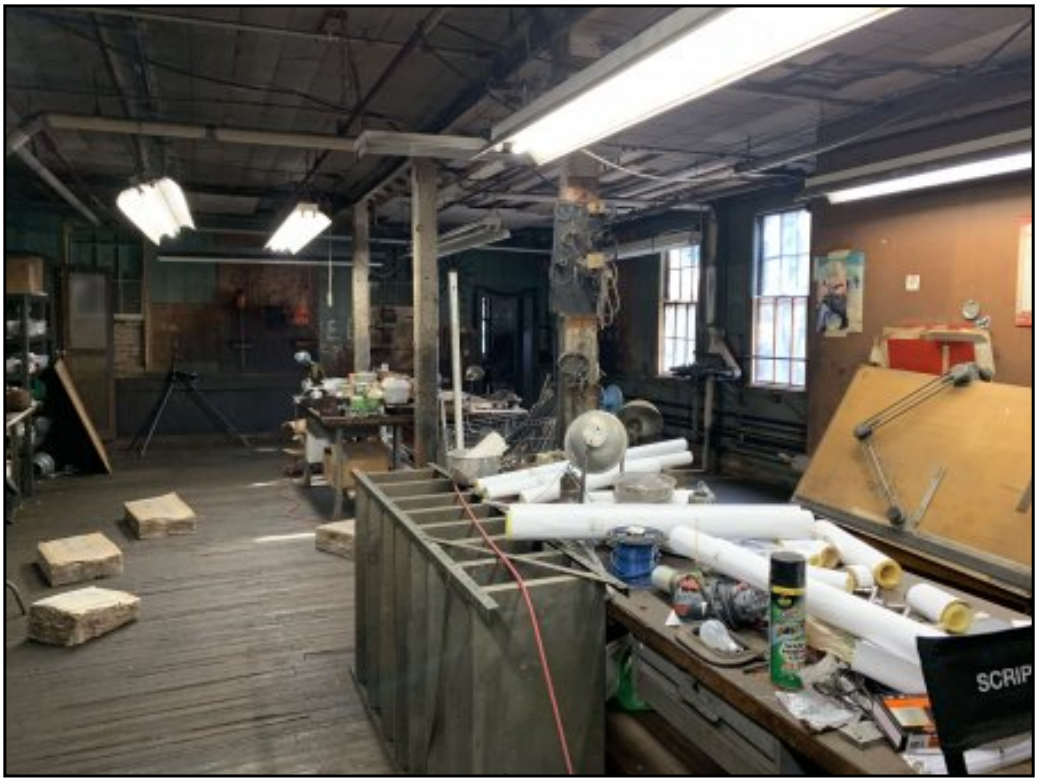


Warehouse space at 95-25 149th St

Warehouse Space at 95-04 149th St

Western Adjoining Properties 2

Western Adjoining Properties



Workshop Area at 95-25 149th St

Appendix F:

Scope and Limitations of Report

SCOPE OF SERVICES

PHASE I ENVIRONMENTAL SITE ASSESSMENT

The main objective of this Scope of Services is to identify recognized environmental conditions, specifically: the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. This Scope of Services meets or exceeds Standard Practice E 1527-13 for Phase I Environmental Site Assessments.

A. REVIEW OF ENVIRONMENTAL RECORDS AND HISTORICAL SOURCES

1. Environmental Record Sources

PVE, LLC will obtain and review public records from standard sources that will help identify recognized environmental conditions relevant to the subject property:

Federal NPL Site List
Federal Delisted NPL Site List
Federal CERCLIS List
Federal CERCLIS NFRAP List
State Registered Storage Tanks Lists
Federal RCRA Generators List
Brownfields Sites
Federal RCRA TSD List
Federal ERNS List
State Lists of Hazardous Waste Sites
State Leaking Underground Storage Tank Lists
State Landfill/Solid Waste Disposal Site Lists
State VCP Sites

To the extent necessary, PVE, LLC will check one or more of the following additional records or local sources:

Local Lists of Landfill/Solid Waste Disposal Sites
Fire Department
Planning Department
Local Lists of Hazardous Waste/Contaminated Sites
Building Permit/Inspection Department
Local/Regional Pollution Control Agency
Local/Regional Water Quality Agency
Local Electric Utility Companies
Local Lists of Registered Underground Storage Tanks
Local Records of Emergency Release Reports
Local Records of Contaminated Public Wells
Department of Health/Environmental Division

2. Physical Setting Sources

PVE, LLC will review one or more of the following Physical Setting Sources:

USGS 7.5 Minute Topographic Map
USGS or State Bedrock Geology Maps
USGS or State Groundwater Maps
USGS or State Surficial Geology Maps
Soil Conservation Service Soil Maps

3. Historical Use Information

PVE, LLC will consult one or more historical sources to develop a history of previous uses or occupancies of the subject property in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions:

Aerial Photographs
Property Tax Files
USGS 7.5 Minute Topographic Map
Building Department Records
Fire Insurance Maps
Recorded Land Title Maps
Local Street Directories
Zoning/Land Use Records

B. SITE RECONNAISSANCE

On a visit to the property, PVE, LLC will visually and physically observe the property and any structures (interior and exterior) to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. The site reconnaissance will include:

Periphery of the Property
Interior of Structures
Periphery of Structures
Current Uses of Property

Past Uses of Property
Past Uses of Adjoining Properties
Geologic and Topographic Conditions
Description of Structures
Potable Water Supply
Hazardous Substances
Storage Tanks
Pools of Liquid
PCB Containing Equipment
Stains or Corrosion
Pits, Ponds, Lagoons
Stressed Vegetation
Wastewater
Septic Systems
Current Uses of Adjoining Properties
Uses of Surrounding Properties
Hydrogeologic & Hydrologic Conditions
Roads
Sewage Disposal System
Petroleum Products
Odors
Drums and Containers
Means of Heating & Cooling
Drains & Sumps
Stained Soil or Pavement
Solid Waste
Dry wells, Injection wells, Floor drains

C. INTERVIEWS WITH OWNERS, OCCUPANTS, AND GOVERNMENT OFFICIALS

PVE, LLC will conduct interviews with individuals familiar with the uses and conditions on the subject property. Questions may be asked in person, by telephone, or in writing. An attempt will be made to interview one or more of the following:

User of the Phase I ESA
Owner or Key Site Manager
Current Owners or Occupants
Past Owners or Occupants

and one or more government officials:

Local Fire, Health, or Environmental Agencies

Interviewees will be asked to provide helpful documents, if available:

Site Plans, Maps, Drawings or Surveys
Environmental Site Assessment Reports
Environmental Audit Reports
Environmental Permits
Petroleum Bulk Storage Registrations
Material Safety Data Sheets
Community Right-to-Know Plan
Safety Plans
Hydrogeologic Reports
Notices or Correspondence from Agencies Regarding Environmental Violations
Hazardous Waste Generator Notices or Reports
Geotechnical Studies

D. REPORTPREPARATION

PVE, LLC will prepare a written evaluation of the subject property summarizing results of the Records Review, Site Reconnaissance, and Interviews. The following will be included in the report:

Site and Vicinity Characteristics
Description of Structures and Other Improvements
Current Uses of the Property
Past Uses of the Property
Current & Past Uses of Adjoining Properties (to the extent identified)
Site Location Map
Site Features Map
Summary of Environmental Records
Review Physical Setting
Historical Use
Hazardous Substances Stored, Handled or Disposed
Petroleum Products Stored, Handled or Disposed
Indications of Solid Waste Disposal
Findings and Conclusions
List of Information Sources

Note: No attempt will be made to verify the presence of asbestos, radon, lead-based paint, lead in drinking water, or wetlands. PVE, LLC can provide additional services relating to those matters if requested.

Scope and Limitations of Report

Scope:

The specific components of this investigation are as follows:

Records Review:

Federal and State records were reviewed and compiled into report format by an independent subcontractor to PVE, LLC. The following are some of the reasonably ascertainable standard environmental record sources consulted:

- $ U.S. Environmental Protection Agency (USEPA) Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list;
- $ USEPA CERCLIS No Further Remedial Action Planned list;
- $ USEPA National Priority List (NPL) and Delisted NPL sites;
- $ Resource Conservation and Recovery Act (RCRA) list of hazardous waste generators, both small quantity and large quantity (SQG and LQG) and RCRA Treatment, Storage, and Disposal (TSD) facilities list;
- $ USEPA Emergency Response and Notification System (ERNS) list;
- $ Petroleum Bulk Storage Inventory list (PBS);
- $ Leaking Storage Tank list and/or Spills List;
- $ Solid Waste Facility Register (SWF);
- $ Brownfields and/or Voluntary Cleanup Program sites;
- $ Practically reviewable local records.

Environmental Setting:

Compiled through review of the following physical setting sources:

- $ United States Geological Survey (USGS) 7.5 Minute Topographic Maps
- $ Surficial and/or Bedrock Geology maps

History

The history of the site and of the surrounding area was developed based on consultation with any or all of the following reasonably ascertainable standard historical sources: aerial photographs, site maps, topographic maps, property tax files and interviews with owners, operators and local officials.

Limitations and Exceptions of Assessment

This report is intended for the sole use of the Client listed on the cover page to this Report and Section 1.5, and must be used in its entirety. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and any use or re-use of

this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

This written analysis is an assessment of the property completely described in Section 2.0 and depicted in Appendix A, and is not valid for any other property or location. It is a representation of the property analyzed as of the dates of the record reviews and site inspection. This report does not apply to any activities or events resulting in contamination after the date of site inspection or historic research.

Observations were made as indicated within the report. Where access to portions of the site or to structures on the site was unavailable or limited, PVE, LLC renders no opinion as to the presence of regulated or hazardous material or to the presence of indirect evidence relating to hazardous or regulated material in that portion of the site or structure.

This Environmental report was performed in accordance with ASTM E 1527-13 **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process**. The findings and conclusions contained herein must not be considered scientific certainties, but probabilities based on professional judgment concerning the significance of the limited data gathered during the course of this study. The following potential site conditions are outside the scope of this report and were not the subject of analysis during this investigation: asbestos-containing materials, radon, lead-based paint, lead in drinking water, and wetlands.

Conclusions and findings of this report are based in part on certain information provided by federal, state, and local officials and other parties referenced herein, and on information contained in the files of governmental agencies available at the time of this report. Reasonable attempts were made to interview users and property owners. No attempt was made to independently verify the accuracy or completeness of any information reviewed or received. The information provided on present and past property ownership does not constitute a title search.

As stated in 1527-13, no environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property and that performance of Practice 1527-13 is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property, recognizing reasonable limits of time and cost.

Also, as per 1527-13, the level of inquiry is variable: Not every property warrants the same level of assessment. Consistent with good commercial and customary practice, the appropriate level of environmental site assessment is guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

PHASE II ENVIRONMENTAL SITE ASSESSMENT

ABBOTT 149TH AND 150TH STREET SITE

95-25 149th St. and 95-08 & 95-12 150th St.
Queens, New York

Prepared for:

Radix 95-25 149th St. LLC
347 Fifth Avenue, 16th Floor
New York, NY 10016

Prepared by:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016

NOVEMBER 2020

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by Radix 95-25 149th St. LLC (the Client) to conduct a Phase II Environmental Site Assessment (ESA) of 95-25 149th Street and 95-08 and 95-12 150th Street in Queens, New York (the Site). The approximately 50,797 square-foot Site is shown on Figure 1. The Site is identified as Block 10002, Lots 1, 10, and 13. The Site layout and lot boundaries are shown on Figure 2.

The objectives of the investigation were to assess the Recognized Environmental Conditions (RECs) and other subsurface environmental concerns identified in a November 2019 Phase I ESA by Partridge Venture Engineering, PC (PVE), and to perform a preliminary characterization of subsurface conditions at the Site to evaluate environmental concerns related to existing occupancy and the potential future use as a mixed commercial/residential development.

The initial Phase II ESA field activities were completed between August 20 and 28, 2020. The scope consisted of a geophysical investigation, followed by the advancement of 18 borings (with continuous soil core collection and field screening), eight of which were retrofitted as temporary groundwater monitoring wells, and installation of eight soil vapor probes, with the collection and laboratory analysis of 24 soil, eight groundwater, and eight soil vapor samples from the approximate locations shown on Figure 2. Based on chlorinated volatile organic compounds (CVOCs) being detected in soil and soil vapor, supplemental soil vapor and indoor air sampling was conducted on October 23 and 26, 2020. The sampling included the collection of two soil vapor samples from temporary sub-slab points, seven indoor air samples, and one ambient (exterior courtyard) air sample. This report describes the methods and results of the investigation. Photographs of the field activities are provided in Appendix A.

2.0 SITE DESCRIPTION

The Site is generally flat with local topography sloping gently downward to the east-southeast. The three parcels on the Site total approximately 50,797 square feet and contain 11 one to two-story structures, some of which are interconnected and share heating systems. The majority of the Site buildings consisted of former industrial/warehouse buildings that were vacant and used periodically for professional films and television sets. A small portion of the warehouse buildings were being used by the current property owner, Mr. Jeffrey Grossman, for office space, storage of construction materials, and warehousing. Several partial basements and crawl spaces were located throughout the buildings on the Site. According to the previous Phase I ESA and historical Sanborn maps, tetrachloroethylene (PCE) was formerly utilized for metal plating and finishing operations at 95-08 150th Street (Lot 10). One 7,500-gallon No. 4 fuel oil aboveground storage tank (AST) was observed within a vault in the basement of 95-25 149th Street (Lot 1), located on the southern portion of the Site.

The Site is located in an industrial/commercial-zoned area of Jamaica, Queens, New York. The surrounding land use consists of predominantly commercial and/or industrial buildings on all four sides with some residential apartments, including the following:

- North – commercial/industrial buildings, warehouses, and residential apartment buildings along 95th Avenue;
- South – industrial/ commercial buildings and residential properties along 97th Avenue;
- East – Mohan's Precast USA, Inc., Taste of Heaven Ministries, and industrial buildings and warehouses; and
- West – industrial/ commercial buildings along 149th Street.

3.0 PREVIOUS REPORTS

Phase I Environmental Site Assessment, 95-04 & 95-25 149th Street, 95-08 & 95-12 150th Street, Queens County, New York, Partridge Venture Engineering, PC, November 25, 2019.

The Phase I ESA identified environmental concerns for the Site related to historic industrial use dating back to the late 1800's, including tanneries, machine shops, metal plating, painting, tarring, battery servicing, and a cap and fuse factory. PCE was used for metal plating and finishing operations at 95-08 150th Street (Lot 10), located on the northeastern portion of the Site. Off-site concerns were identified related to a nearby auto scrap/junkyard, dry cleaner, auto repair and painting shops, and other industrial and commercial facilities. The on-site and off-site environmental concerns have the potential to affect soil, groundwater, and soil vapor quality at the Site.

The Site is also listed in the Department of City Planning (E) designation database for hazardous materials (E-175) as a result of the Downtown Jamaica Redevelopment Plan. The New York City Mayor's Office of Environmental Remediation (OER) is the City agency responsible for ensuring compliance with (E) designation requirements.

4.0 PHYSICAL SETTING

Surface topography at the Site is generally level with a gentle slope towards the south-southeast. Based on reports compiled by the U.S. Geological Survey (Jamaica Quadrangle), the Site is approximately 38 feet above mean sea level. Groundwater was encountered at approximately 16 and 19 feet below ground surface (bgs) across the Site during this investigation. Groundwater is expected to flow beneath the Site to the southeast direction towards Jamaica Bay, located approximately 4 miles south-southeast of the Site. Based on long-term industrial use of the Site and surrounding neighborhood a subsurface investigation was designed to assess soil, groundwater, and soil vapor conditions at the Site. As AKRF's initial testing revealed the presence of CVOCs in soil and soil vapor at the Site, additional soil vapor and indoor air testing was conducted to evaluate the potential for soil vapor intrusion.

5.0 FIELD ACTIVITIES

The following activities were conducted as part of the Phase II Site Assessment:

1. A geophysical survey to identify the presence of any USTs across the accessible portions of the Site;
2. Advancement of 10 soil borings across the Site and collection of up to two soil samples from each for laboratory analysis to evaluate subsurface soil quality;
3. Installation of five temporary groundwater monitoring wells and collection of one groundwater sample from each for laboratory analysis to evaluate groundwater quality;
4. Installation of seven temporary soil vapor points with collection of one soil vapor sample from each for chemical analysis; and
5. Collection of seven indoor air samples from the interior of buildings and one ambient (outdoor) air sample.

The sample locations are shown on Figure 2. All locations were patched in-kind with the surface at the completion of the field activities.

5.1 Geophysical Survey and Utility Mark-Outs

On August 20, 2020, a geophysical survey was conducted by Enviroprobe Service, Inc. of Mount Laurel, New Jersey to provide clearance of subsurface utilities for the proposed drilling locations, to search in areas with suspected USTs and to locate potentially buried structures. The geophysical survey included both radio detection and ground penetrating radar. The geophysical survey did not identify any anomalies consistent with a potential UST at the Site. Anomalies consistent with underground utilities were also identified throughout the Site and were marked appropriately. A copy of the geophysical investigation report is included as Appendix B.

In addition to the geophysical survey, Coastal Environmental Solutions, Inc. (Coastal) of Medford, New York, the drilling contractor, notified Dig Safely New York at least three days prior to the start of drilling.

5.2 Soil Sampling

Between August 25 and 28, 2020, a total of 10 soil borings (denoted as SB-09 through SB-18) were advanced across the Site by Coastal using Geoprobe® direct push probe (DPP) technologies. A core drill or concrete bit was used when necessary to core through the building concrete slab to gain access to the subsurface. Soil boring locations were selected to obtain representative samples across the Site and to determine whether the environmental concerns identified in the November 2019 Phase I ESA affected subsurface conditions beneath the Site.

Seven of the soil borings were advanced using a track-mounted DPP, and three borings (SB-15 through SB-17) were advanced using a remote-access DPP. Groundwater was encountered between 11 and 19 feet bgs across the Site. Bedrock was not encountered. All borings were advanced to a minimum of 3 feet below the water table to evaluate the soil/water interface for contamination.

Soil cores were obtained from the track-mounted DPP using a 5-foot long, 2-inch diameter, stainless steel dual tube sampler fitted with an internal acetate liner. A 3-foot long liner was utilized with the remote-access DPP. Each core was split lengthwise, field-screened for organic vapors using a photoionization detector (PID) calibrated with isobutylene gas prior to use in accordance with the manufacturer's specifications, and logged using the modified Burmister Classification System, noting any evidence of contamination (e.g., staining, sheens, or odors). Subsurface materials consisted of a thin layer of historic fill material followed by sand, with varying amounts of gravel and silt. No soil boring locations exhibited elevated PID readings during field screening activities. Soil boring logs are provided in Appendix C.

A total of 12 samples were collected for chemical analysis. The number of samples taken in each boring was determined by the potential presence of contamination and environmental concerns identified in PVE's Phase I ESA. A shallow sample (collected from a 2-foot interval in the top 5 feet of soil) was taken from each of the 10 soil borings. A second deeper sample (collected from the 2-foot interval directly above the water table at the groundwater interface) was collected from SB-10 and SB-18.

Samples were placed in laboratory-supplied containers within a chilled cooler, in accordance with United States Environmental Protection Agency (EPA) protocols, and transported via courier with appropriate chain-of-custody (COC) documentation to Eurofins TestAmerica Laboratories (TestAmerica) of Edison, New Jersey, a New York State Department of Health (NYSDOH)-certified laboratory. Samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds-base neutral fraction (SVOCs-BN) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, and the Target Analyte List (TAL) of metals by EPA Method 6000/7000 series. Sample locations are shown on Figure 2.

5.3 Groundwater Sampling

Well Installation

Five temporary groundwater monitoring wells (TW-09, TW-10, TW-13, TW-16, and TW-18) were installed within SB-09, SB-10, SB13, SB-16, and SB-18, respectively, for the collection of groundwater samples for laboratory analysis. The wells were installed by extending these borings approximately 5 feet below the observed water table. Each groundwater monitoring well was constructed of 1-inch, threaded, flush-joint polyvinyl chloride (PVC) well materials. Based on the observed groundwater table, 10 feet of 20-slot well screen were installed to straddle the water table at each location. The annular space around each monitoring well was backfilled with clean silica sand to grade. Temporary well construction logs provided in Appendix C.

Sample Collection

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were then measured in each well using an oil-water interface probe attached to a measuring tape accurate to 0.01 feet. The wells were then developed via surging and pumping until at least three well volumes were evacuated and the purge water was relatively clear. The purged water was periodically monitored for turbidity and water quality indicators (i.e., pH, temperature, dissolved oxygen, oxidation-reduction potential, and specific conductivity).

After well development, all groundwater monitoring wells were sampled using low flow methodology. No separate phase product was detected on the groundwater surface at any of the temporary well locations. The depth to groundwater in each of the temporary wells was approximately 16 to 19 feet bgs. Purging of the wells continued until the turbidity of the water decreased and groundwater quality parameters stabilized.

Groundwater samples were placed in laboratory-supplied containers within a chilled cooler, in accordance with EPA protocols, and transported via courier with appropriate COC documentation to TestAmerica. The samples were analyzed for VOCs and SVOCs-BNs by EPA Methods 8260 and 8270, respectively. Groundwater sampling logs are provided in Appendix C.

5.4 Soil Vapor Sampling

Between August 26 and 27, 2020, five temporary soil vapor points (SV-09, SV-10, SV-13, SV-16, and SV-18) were installed at the approximate locations shown on Figure 2, to collect soil vapor samples for laboratory analysis. All soil vapor points were installed between 4 and 5 feet bgs with the exception of SV-16, which was installed approximately 1 to 2 feet beneath the basement slab of the northwestern building on Lot 1.

The soil vapor points were installed using a DPP to advance a 2-inch diameter hollow probe rod fitted with an expendable 6-inch long stainless steel screened implant. Dedicated Teflon®-lined polyethylene tubing with threaded fittings was connected from the implant to above grade. The probe rod was then removed, and the void space was backfilled with clean silica sand to approximately 6 inches bgs. Hydrated bentonite was used to fill the remaining void to the surface.

Prior to sample collection, each sampling probe implant was purged of at least three sampler volumes using a Gillian® GilAir Plus low-flow sampling pump set at a flow rate of approximately 0.2 liters/minute. During purging, an inverted bucket was placed over each sampling point, and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points were found

to pass the required seal integrity tests. PID readings were recorded at each soil vapor sampling location and ranged from 4.5 to 22 ppm.

After purging, the tubing at each soil vapor point was connected to a laboratory-supplied, batch-certified clean 6-liter SUMMA® canister equipped with a flow regulator set to collect a sample over approximately 2 hours. The flow rate did not exceed 0.2 liters per minute during sampling collection. Immediately after opening the flow control valve, the initial canister vacuum (in inches of mercury) was noted. When the canisters reached the approximate minimum vacuum necessary for laboratory analyses (between 4 and 8 inches of mercury), the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory for analysis of VOCs via EPA Method TO-15. Each canister was labeled to identify the sample ID, date, time, and vacuum readings. The identification numbers for both the canister and flow controller were noted on the chain-of-custody documentation, and the samples were transported by courier directly to TestAmerica.

Methodologies used for soil vapor assessment were consistent with relevant portions of NYSDOH *Final Guidance on Soil Vapor Intrusion*, October 2006 and ASTM E 2600-08 *Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions.* Soil vapor sampling logs are included in Appendix C.

5.5 Pre-Sampling Inspection and Chemical Inventory

On October 22, 2020, AKRF completed a pre-sampling inspection of the Site to confirm building conditions, airflow patterns, chemical storage and other known factors that may affect indoor air quality. During the inspection, AKRF personnel also inspected the floors for cracks, penetrations, or other preferential pathways for vapor intrusion, such as floor drains and sumps. A photoionization detector (PID) capable of detecting VOCs in the parts per billion (ppb) range was used to field-screen the proposed indoor air sample locations and the surrounding areas during the pre-sampling inspection for potential interferences with the materials stored within the building.

Small containers of chemicals and cleaning products were observed at various location throughout the Site, and PID readings up to approximately 800 ppb were noted within 95-08 150th Street (Lot 10). The highest detections were observed near the floor drain and chemical storage closet in the attached garage but elevated detections were also noted within the first floor office of 95-08 150th Street. No elevated PID readings were detected in the vicinity of the other indoor air sampling locations or other areas of the building during the inspection.

During the inspection, AKRF completed a pre-sampling questionnaire based on an interview with Mr. Grossman, who answered pertinent questions about the building's age, construction characteristics, heating and ventilation systems, and factors that may potentially influence indoor air quality. AKRF completed an inventory of cleaning chemicals and other products stored in the vicinity of the sample locations. The copy of the questionnaire is provided as Appendix D.

5.6 Indoor and Ambient Air Sampling

On October 23, 2020, seven indoor air samples and one ambient (outdoor) air sample were collected in accordance with applicable procedures in the NYSDOH *Final Guidance on Soil Vapor Intrusion*, October 2006. The samples were collected in batch-certified clean 6-liter Summa® canisters over approximately an 8-hour period from the first floor or basement of the Site, as shown on Figure 2 and summarized in Table I below. The indoor and outdoor air samples were collected from the breathing zone approximately 4 to 5 feet above grade. After opening each canister, the initial vacuum reading (in inches of mercury) was noted. At the conclusion of the sampling period, the final vacuum reading was noted and the canister was closed. The canisters were delivered under chain-of-custody control by courier to Alpha Analytical Laboratories

(Alpha) in Mansfield, Massachusetts to be analyzed for VOCs using EPA Method TO-15. Copies of the indoor and ambient air sampling logs are included in Appendix C.

Table I
Summary of Indoor Air Quality Sample Locations

Sample ID	Location
IA-09	Southwestern Building (first floor)
IA-10	Southeastern Building (basement)
IA-13	Western Building (first floor)
IA-16	Northern Building (first floor)
IA-18	Northeastern Building (first floor)
IA-19	Western Building (first floor)
IA-20	Eastern Building (first floor)
AA	Exterior Courtyard (at grade)

5.7 Supplemental Soil Vapor Sampling

Two additional temporary sub-slab vapor points (SV-19 and SV-20) were installed at the Site at the approximate locations shown on Figure 2, to collect soil vapor samples for laboratory analysis. The sub-slab vapor points were installed through approximately 2-inch diameter holes in the slabs, made using a hammer drill. The points were installed to approximately 6 inches below the bottom of the slab, placing an approximately 3-inch polyethylene implant with connected tubing into the boring, backfilling the area around the screen with sand, and sealing the remaining void around the tubing with hydrated bentonite. The vapor point locations are shown on Figure 2.

Prior to sample collection, each sampling probe implant was purged of at least three sample volumes using a Gillian® GilAir Plus low-flow sampling pump set at a flow rate of approximately 0.2 liters/minute. During purging, an inverted bucket was placed over each sampling point, and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points were found to pass the required seal integrity tests. PID readings were recorded at each soil vapor sampling location and ranged from 2.1 to 4.8 ppm.

After purging, the tubing at each soil vapor point was connected to a laboratory-supplied, batch-certified clean 6-liter SUMMA® canister equipped with a flow regulator set to collect a sample over approximately 2 hours. The flow rate did not exceed 0.2 liters per minute during sampling collection. Immediately after opening the flow control valve, the initial canister vacuum (in inches of mercury) was noted. When the canisters reached the approximate minimum vacuum necessary for laboratory analyses (approximately 4.5 inches of mercury), the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory for analysis of VOCs via EPA Method TO-15. Each canister was labeled to identify the sample ID, date, time, and vacuum readings. The identification numbers for both the canister and flow controller were noted on the chain-of-custody documentation, and the samples were transported by courier directly to Alpha.

Methodologies used for soil vapor assessment were consistent with relevant portions of NYSDOH *Final Guidance on Soil Vapor Intrusion,* October 2006 and ASTM E 2600-08 *Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions.* Soil vapor sampling logs are included in Appendix C.

5.8 Quality Assurance/Quality Control (QA/QC) Sampling

QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix, or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC samples for the initial testing program were analyzed at TestAmerica. QA/QC sampling consisted of the following:

- Two aqueous trip blanks were included with the sample shipments on the first and final day of sampling and submitted for VOC analysis for QA/QC purposes.

QA/QC samples for the indoor air sampling event were analyzed at Alpha Analytical Laboratories. QA/QC sampling consisted of the following:

- One ambient (exterior courtyard) sample was included with the indoor air samples and submitted for VOC analysis for QA/QC purposes.

6.0 FINDINGS

6.1 Geophysical Survey

The geophysical survey did not identify any anomalies consistent with a potential UST at the Site. Anomalies consistent with underground utilities were also identified throughout the Site and were marked appropriately. The Geophysical Investigation Report is included as Appendix B.

6.2 Soil Analytical Results

Analytical results for 12 soil samples were compared to NYSDEC 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Commercial Use Soil Cleanup Objectives (CUSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). Exceedances of the SCOs are presented below and laboratory results are summarized in Tables 1 through 4. The complete laboratory analytical data packages are included as Appendix E. Soil concentrations above UUSCOs and CUSCOs are shown on Figure 3.

VOCs

The VOC tetrachloroethylene (PCE), a contaminant of concern, was detected at in soil sample SB-18_3-5_20200827 at a concentration of 14 milligrams per kilogram (mg/kg), exceeding its UUSCO and PGWSCO of 1.3 mg/kg. The NYSDEC CUSCO for PCE is 150 mg/kg. PCE was also detected in seven additional soil samples ranging from an estimated concentration of 0.00022 mg/kg in soil sample SB-10_1-3_20200827 to 0.12 mg/kg in soil sample SB-07_6-8_20200827, below the UUSCO for PCE. Trichloroethylene (TCE), a breakdown product of PCE, was detected in soil samples SB-14_2-4_20200828, SB-17_0-2_20200826, and SB-18_3-5_20200827 at concentrations between 0.00018 mg/kg to 0.43 mg/kg, which were below the UUSCO for TCE of 0.47 mg/kg. Additional VOCs were detected in one or more of the soil samples below their respective UUSCOs.

Soil boring SB-18, the sampling location with the highest PCE and TCE results, was located on the northeastern portion of the Site at 95-08 150th Street (Lot 10), where historic Sanborn maps indicated that this area was utilized for metal plating and associated PCE usage. Soil analytical results for VOCs are presented in Table 1. VOCs detected above NYSDEC UUSCOs are shown on Figure 3.

SVOCs

Fourteen SVOCs [2-nitroanaline, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i) perylene, benzo(k)fluoranthene, bis(2-chloroisopropyl)ether, carbazole, chrysene, dibenzo(a,h)anthracene, flouranthene, indeno(1,2,3-c,d)pyrene, phenanthrene, and pyrene] were detected in one or more samples at concentrations well below their respective UUSCOs. The SVOCs detections were generally polycyclic aromatic hydrocarbons (PAHs), which are a class of compounds found in some petroleum products, coal ash, and in other combustion products commonly found in urban fill. Soil analytical results for SVOCs are presented in Table 2.

Metals

Four metals [copper (maximum 1,200 mg/kg), lead (maximum 392), mercury (maximum 2.5 mg/kg), and zinc (maximum 121 mg/kg)] were detected at concentrations exceeding one or more of their applicable SCOs in at least one soil sample, as presented below. Additional concentrations of metals were detected in at least one sample at concentrations below their applicable SCOs.

Table II
Metals in Soil Above UUSCOs

Boring ID Depth (feet bgs) Units = mg/kg	UUSCO	CUSCO	SB-10 (17-19)	SB-11 (3-5)	SB-13 (0-2)	SB-14 (2-4)	SB-17 (0-2)	SB-18 (3-5)
Copper	50	270	**51.2**	NE	NE	**1,200**	**76.4**	**133**
Lead	63	1,000	NE	NE	NE	**297**	**287**	**392**
Mercury	0.18	2.8	**1.7**	**2.5**	**0.38**	**0.2**	**0.73**	**0.64**
Zinc	109	10,000	NE	NE	NE	NE	**121**	NE

Based on the Site history, the detections for copper and mercury may be attributable to the Site's long-term industrial use, as the layer of historic fill observed at the Site was only a few feet thick and some of the detections were from samples collected below the fill layer. Analytical results for metals are summarized in Table 3. Metals detected above the NYSDEC UUSCOs and CUSCOs are shown on Figure 3.

PCBs

PCBs were not detected above the laboratory reporting limits in any of soil samples. Soil analytical results for PCBs are presented in Table 4.

6.3 Groundwater Analytical Results

Analytical results from the five groundwater samples were compared to the Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs) in the NYSDEC Division of Water Technical Operational and Guidance Series (TOGS) Memo 1.1.1. These guidance values were developed to protect human health assuming groundwater is used as the source of drinking water, a scenario which does not currently occur at the Site (and would not be expected in the future).

VOCs

No VOCs were detected above the AWQSGV in any of the groundwater samples. PCE was detected in all of the groundwater samples between 1.3 micro grams per liter (µg/L) and 4.6 µg/L, below the AWQSGV for PCE of 5 µg/L. Five other VOCs (acetone, chloroform, chloromethane, cis-1,2-dichloroethylene, and TCE) were also detected in at least one sample at concentrations below their respective AWQSGVs. It should be noted that acetone detection is often associated with laboratory contamination and may not be attributable to Site conditions. Analytical results for VOCs are presented in Table 5.

SVOCs

SVOCs were detected above the laboratory detection limits. Groundwater analytical results for SVOCs are presented in Table 6.

A complete laboratory analytical report for the groundwater samples is included in Appendix E.

6.4 Soil Vapor Analytical Results

The soil vapor sampling results identified up to 42 VOCs detected in one or more of the seven soil vapor samples [including PCE, TCE, 1,1,1-trichloroethane (1,1,1-TCA), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, acetone, benzene, bromodichloromethane, butane, carbon disulfide, carbon tetrachloride, chlorodifluoromethane, chloroform, chloromethane, cis-1,2-dichloroethylene, cyclohexane, cymene, dichlorodifluoromethane, ethylbenzene, isopropanol, isopropylbenzene, m,p-xylenes, methyl ethyl ketone (MEK), methyl isobutyl ketone, methyl methacrylate, methylene chloride, n-butylbenzene, n-heptane, n-hexane, n-propylbenzene, o-xylene, styrene, tert-butyl alcohol, tetrahydrofuran, toluene, and trichlorofluoromethane. Soil vapor detections for PCE and TCE are shown on Figure 4. A summary data table summarizing all of the results for the chemical analyses performed on soil vapor is included as Table 7. A complete laboratory analytical report for the soil vapor samples is included in Appendix E.

Concentrations of VOCs detected in the soil vapor samples were compared to the NYSDOH 2006 Guidance for Evaluating Soil Vapor Intrusion matrix values for CVOCs. These values provide are a conservative means of comparison utilized to aid in the determination for the need for soil vapor mitigation. The Matrix Values provide recommended responses based on a comparison of the concentration of the compound in both the soil vapor and the indoor air. Based on detected concentrations in sub-slab vapors and/or indoor air, the NYSDOH range of recommended responses are (1) no further action, (2) take reasonable and practical actions to identify sources and reduce exposures, (3) monitor, (4) mitigate, and (5) monitor/mitigate. A summary of the soil vapor results for CVOCs with a comparison to the soil gas matrix values (irrespective of the corresponding indoor air concentration) specifying mitigation is provided below.

Table III
CVOC Detections in Soil Vapor

Sample ID	Matrix Value	SV-09	SV-10	SV-13	SV-16	SV-18	SV-19	SV-20
Location		Exterior Paved Area	Exterior Paved Courtyard	Ground Floor	Basement	Exterior Paved Area	Ground Floor	Ground Floor
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,1,1-Trichloroethane	1,000	ND	1.1	ND	2.0	3.7	ND	ND
Cis-1,2-Dichloroethylene	60	2.5	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	1,000	**1,500**	**2,100**	**2,200**	**1,200**	**14,000**	**4,200**	**54,300**
Trichloroethene (TCE)	60	49	24	33	55	**270**	**113**	**507**

Notes:
Matrix level is the NYSDOH soil vapor value that specified mitigation (regardless of indoor air concentration)
Bold = Concentration exceeds the NYSDOH Matrix value for mitigation
µg/m³ = micrograms per cubic meter
ND = Analyzed for but not detected

The levels of PCE detected in soil vapor sample location SV-18 and SV-20 indicate a potential source of solvent contamination within the northeastern portion of the Site near 95-08 150th Street (Lot 10) and 95-12 150th Street (Lot 13). PCE was also detected above the NYSDEC UUSCOs in soil sample SB-18 obtained from 3-5 feet bgs adjacent to soil vapor point SV-18. TCE was also detected above its NYSDOH matrix value in soil vapor samples SV-18, SV-19 and SV-20. Based

upon the widespread detections of PCE, and to a lesser extent TCE, in soil vapor at the Site, other on-site and/or off-site sources may be present.

6.5 Indoor and Ambient Air Analytical Results

The indoor air sampling conducted within the buildings occupying the Site identified levels of PCE in the indoor air between 3.94 and 123 µg/m^3 in each of the indoor air samples. PCE was also detected in the ambient air sample collected from the exterior courtyard at a concentration of 6.2 µg/m^3. The highest detection of PCE (123 µg/m^3) was reported in sample SV-18, collected in the garage area of 95-08 150th Street (Lot 10). The NYSDOH indoor air guidance value (AGV) for PCE is 30 µg/m^3. TCE was also detected in the indoor air but at levels below its AGV of 2 µg/m^3. Methylene chloride, a common laboratory contaminant, was also detected in samples IA-18 and IA-20 at concentrations of 80.9 and 129 µg/m^3, respectively, which were above its AGV of 30 µg/m^3. A summary of the indoor air detections for CVOCs with a comparison to the NYSDOH AGVs is provided below. Indoor and ambient air detections for PCE and TCE are shown on Figure 4. A summary of the results for the complete list of VOC analyses performed on indoor air and ambient samples is included in Table 8. A complete laboratory analytical report for the indoor and ambient air samples is included in Appendix E.

Table IV
CVOC Detections for Indoor and Ambient Air

Sample ID	NYSDOH AGV	AA	IA-09	IA-10	IA-13	IA-16	IA-18	IA-19	IA-20
	Location	Exterior Courtyard	1st Floor	1st Floor	1st Floor	Basement	1st Floor	1st Floor	1st Floor
Units	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Methylene Chloride	60	22.4	16.2	23.8	23.3	21.4	**80.9**	24.6	**129**
Tetrachloroethene (PCE)	30	6.2	3.94	4.9	6.33	7.26	**123**	7.73	9.9
Trichloroethene (TCE)	2	ND	ND	ND	0.129	0.21	0.29	0.15	ND

Notes:
AGV is the NYSDOH Indoor Air Guidance Value
Bold = Concentration exceeds the NYSDOH AGV
µg/m^3 = micrograms per cubic meter
ND = Analyzed for but not detected

7.0 CONCLUSIONS

Between August 20 and October 27, 2020, AKRF, Inc. (AKRF) conducted a Phase II (Subsurface) Environmental Site Assessment (ESA) at 95-25 149th Street and 95-08 & 95-12 150th Street in Queens, New York. The approximately 50,797 square-foot Site, as shown on Figures 1 and 2, is also identified as Block 10002, Lots 1, 10, and 13.

The Site is generally flat with local topography sloping gently downward to the east-southeast. The three parcels that comprise the Site contains 11 one- to two-story interconnected structures. The majority of the Site buildings at the Site consisted of former industrial/warehouse buildings that were vacant and used periodically for professional films and television sets. The building at 95-08 150th Street (Lot 10) contained an office area and a garage utilized by a contractor. The building at 95-12 150th Street (Lot 13) contained two large refrigeration units and was reportedly last utilized to store fish/seafood. A small portion of the eastern warehouse buildings were being used by Mr. Grossman for office space, storage of construction materials, and warehousing. Several partial basements and crawl spaces were located throughout the buildings on the eastern portion of the Site. According to the previous Phase I ESA and historical Sanborn maps, tetrachloroethylene (PCE) was formerly utilized for metal plating and finishing operations at 95-08 150th Street (Lot 10), located on the northeastern portion of the Site. One 7,500-gallon No. 4 fuel oil aboveground storage tank (AST) was observed within a vault in the basement of 95-25 149th Street (Lot 1).

The objectives of the investigation were to assess the Recognized Environmental Conditions (RECs) and other subsurface environmental concerns identified in a November 2019 Phase I ESA by Partridge Venture Engineering, PC (PVE), and to perform a preliminary characterization of subsurface conditions at the Site to evaluate environmental concerns related to existing occupancy and the potential future use as a mixed commercial/residential development. Additionally, a supplemental study was conducted at the Site to evaluate the potential for soil vapor intrusion. The scope of the investigation consisted of a geophysical investigation followed by the advancement of 10 soil borings with the collection of 12 soil samples; five of which were retrofitted as temporary groundwater monitoring wells; the installation of seven soil vapor points with the collection of a soil vapor sample from each, and collection of seven indoor air samples for VOCs within buildings occupying the Site. The sample locations are shown on Figure 2.

Soil samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds-base neutral fraction (SVOCs-BNs), polychlorinated biphenyls (PCBs,) and metals. Groundwater samples were analyzed for VOCs and SVOCs-BNs. Soil vapor, indoor and ambient air samples were analyzed for VOCs.

Based on the findings of this investigation, AKRF concludes the following:

- The Site surface is covered by industrial buildings and paved parking areas. The surface is underlain by a thin layer of fill material consisting of sand and silt with traces of brick, gravel, and wood extending from grade to approximately 3 feet below ground surface (bgs). Soil observed beneath the fill primarily consisted of sand with traces of silt and gravel to the terminus of the borings, which ranged from 16 to 25 feet bgs. Bedrock was not encountered during the investigation.
- The presumed groundwater flow direction is southeast based on topography, United State Geological Survey (USGS) maps of the water table, and work conducted by AKRF at two nearby NYSDEC Brownfield Cleanup Programs sites located approximately 1,000 to 1,500 feet northwest of the Site along 95th Avenue.
- The chlorinated solvent tetrachloroethylene (PCE), a contaminant of concern based on its prior use in the metal plating and finishing process at 95-08 150th Street (Lot 10), was detected in soil sample SB-

18_3-5_20200827 at a concentration of 14 milligrams per kilogram (mg/kg), above its Unrestricted Use Soil Cleanup Objective (UUSCO) of 1.3 mg/kg, but below its Commercial Use Soil Cleanup Objective (CUSCO) of 150 mg/kg.

- PCE was detected in all seven soil vapor samples at concentrations between 1,200 micrograms per cubic meter (µg/m^3), with the highest concentrations being 14,000 µg/m^3 and 54,300 µg/m^3 in samples SV-18 and SV-20, respectively. Trichloroethene (TCE), a breakdown product of PCE, was detected between 113 and 270 µg/m^3 in samples SV-18, SV-19 and SV-20. Additional chlorinated-VOCs and petroleum-related VOCs were also detected at generally lower levels in soil vapor samples across the Site.

  PCE was detected in all seven indoor air samples between 3.94 and 123 µg/m^3. PCE was also detected in the ambient air sample collected from the exterior courtyard at 6.2 µg/m^3. The highest detection of PCE was reported in sample SV-18, located in the garage area of 95-08 150th Street (Lot 10), at a concentration of 123 µg/m^3, which exceeded the NYSDOH indoor air guidance value (AGV) of 30 µg/m^3. TCE was not detected in any of the indoor air samples exceeding its AGV of 2 µg/m^3.

  A comparison of the co-located soil vapor and indoor air sample results to the values in the NYSDOH Soil Vapor/Indoor Air Matrix B indicate that mitigation is required for PCE at all locations. A comparison of the co-located soil vapor and indoor air sample results to the values in the NYSDOH Soil Vapor/Indoor Air Matrix A indicate that mitigation is required for TCE at sampling locations SV-16/IA-16, SV-18/IA-18, and SV-20/IA-20.

- The metals copper, lead, mercury, and zinc were detected at concentrations above UUSCOs in at least one soil sample. As the fill layer at the Site was only 1 to 3 feet thick, and metals, particularly mercury, were reported in soil beneath the fill layer, some of the detections may be attributable the Site's long-term industrial usage.

- SVOCs were detected in soil at levels beneath their applicable UUSCOs. The reported compounds are similar to compounds commonly found in historic fill materials commonly found in the New York metropolitan area.

- No PCBs were detected in the soil samples.

- No VOCs or SVOCs were detected in the groundwater samples above the applicable NYSDEC standards. PCE was detected in all five groundwater samples between 1.3 micro grams per liter (µg/L) and 4.6 µg/L, below its respective Class GA Ambient Water Quality Standards and Guidance Value (AWQSGV) of 5 µg/L.

In summary, PCE was detected in soil boring SB-18 (at 3 to 5-ft. bgs) and in soil vapor and indoor samples SV-18 and IA-18 collected at 95-08 150th Street (Lot 10), above applicable standards/guidance. PCE was also detected in the five groundwater samples just below the NYSDEC AWQSGV, and in all remaining soil vapor and indoor air samples. Based on these findings and the Phase I ESA REC of former metal plating and finishing business that utilized PCE at this location, a potential source of PCE contamination is likely present at the Site, particularly in the vicinity of soil boring SB-18 and soil vapor samples SV-18 and SV-20. Based upon the widespread detections of PCE in soil vapor at the Site, other on-site and/or off-site sources may be present. Historic fill and detections for SVOCs and metals in soil typically associated with historic fill were present throughout the site. Other chlorinated-VOCs and petroleum-related VOCs were also detected at generally lower levels in soil vapor samples across the Site.

8.0 RECOMMENDATIONS

AKRF understands that the Client intends to acquire an interest in the Site and to redevelop the Site for mixed-use commercial/residential purposes including affordable housing. Further, AKRF understands that during the entitlement process associated with the redevelopment, Client intends to continue the current commercial use. As such, given the above findings, AKRF recommends the following:

- The Client may wish to consider entering the Site into the NYSDEC Brownfield Cleanup Program (BCP) with the Client qualifying as a Volunteer. If the Site is eligible for the BCP, qualified remediation costs and a portion of the redevelopment costs could be eligible for New York State tax credits afforded under the BCP.
- Additional investigation will be required pursuant to the BCP to delineate the impacts to all media (groundwater, soil and soil vapor). In the meantime, mitigation of potential vapor intrusion at the Site for continued and future tenant occupancy is recommended.
- The 7,500-gallon No. 4 fuel oil aboveground storage tank (AST) located within a vault in the basement of 95-25 149th Street (Lot 1), and any additional tanks that can be identified either during site investigation activities or redevelopment, should be removed in accordance with applicable requirements.
- AKRF understands that the redevelopment of the Site will require the demolition of the existing structures. Soil and fill materials excavated as part of Site redevelopment should be properly handled and managed in accordance with applicable regulations, including (if applicable) hazardous waste disposal regulations. Transportation of material leaving the Site for disposal must be in accordance with federal, state, and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc. Waste characterization sampling should be conducted prior to redevelopment in accordance with intended disposal facility requirements for all soil/fill to be removed during redevelopment. Transportation of material leaving the Site for disposal must be in accordance with federal, state and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
- If dewatering is required during the future Site redevelopment, it should be conducted in accordance with a New York City Department of Environmental Protection and/or the NYSDEC discharge permit.

9.0 LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation. The findings and recommendations presented are based solely on the services and any limitations described in this report.

This report contains conclusions that are based on the analysis of data collected at the time and locations noted through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the recommendations to be or modified.

Chemical analyses were performed for specific parameters, as summarized in the text, tables, and appendices. It should be noted that additional chemical constituents not searched for may be present as well. Due to the nature of the investigation and the limited data generated, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. In particular, the presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines or background or typical values, are not opinions that these comparisons are legally applicable, relevant, or appropriate. Furthermore, any conclusions or recommendations should not be construed as legal advice. For such advice, the client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage and disposal of known or potentially contaminated materials is subject to a multitude of laws, which are not fully described in this report.

The analytical data, conclusions, and/or recommendations provided in this report should not be construed in any way as a classification of waste that may be generated during future disturbance of the Site. Waste(s) generated at the Site, including excess fill, may be considered regulated solid waste and potentially hazardous waste. Requirements for intended disposal facilities should be determined before excavation, as the data provided in this report is most likely insufficient for waste classification purposes.

This report may be based partially on data collected, conducted, and provided to AKRF by others. No warranty is expressed or implied by usage of such data. Data may have been based upon available previous reports, historical records, documentation from government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, documents, etc. Unless noted otherwise, AKRF has assumed that the information in these previous reports, documents, etc. is accurate, despite limited or often no corroboratory evidence.

This report is intended for the use solely by Radix 95-25 149th St. LLC and Empire Management. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

10.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Results, Conclusions, Recommendations, and Limitations Sections herein, the issue of appropriate management of off-site disposal of soil warrants careful consideration. Unless determined otherwise by an environmental professional and/or an appropriate regulatory agency, any material being removed from the Site should be assumed to be a regulated waste, and disposal or other off-site use must be in accordance with:

- Requirements of the specific receiving facility;
- Requirements of any agencies overseeing the cleanup/excavation; and
- Federal and state requirements (typically in both the state where the soil is generated and where disposal will occur).

For hazardous wastes and petroleum-contaminated soil (and other "clearly contaminated" materials), the requirements are usually fairly well defined. It is in the situation where contamination is not readily apparent (e.g., so called "fill" or "historic/urban fill," "construction and demolition debris," or material that previously may have been identified as "clean") that presents the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most, if not all, of the excavated material is considered "contaminated" or is otherwise regulated for purposes of waste disposal or off-site use. Concentrations of the various contaminants in Site soil can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than were found in this investigation. Thus, portions of this material could be classified as hazardous waste.

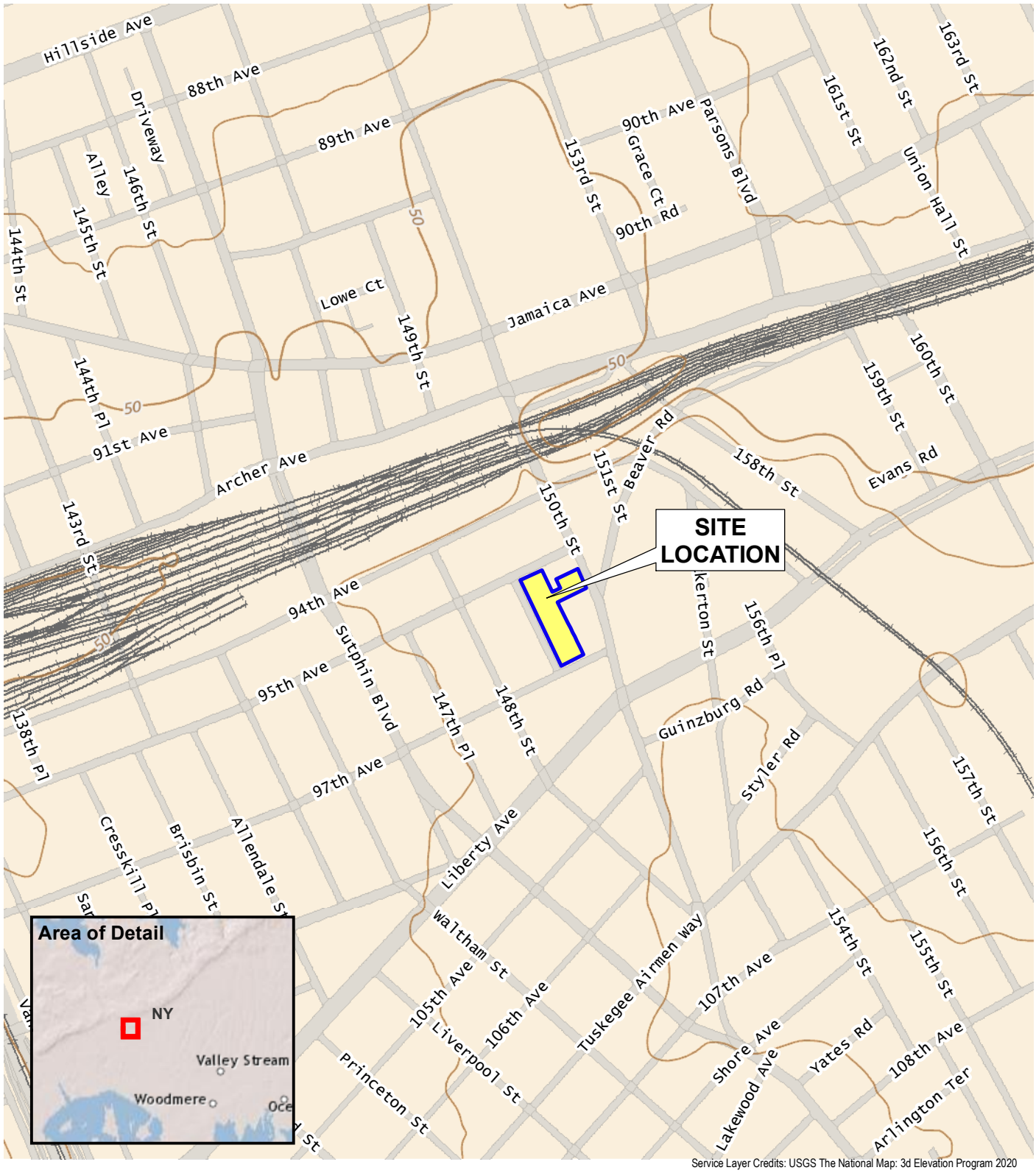
It is important to identify the intended receiving facility (or facilities) in advance of removing excavated materials from the site. Agency approval is sometimes required prior to disposal or other off-site uses, and the facility will usually require additional testing prior to (and sometimes at the time of) accepting material. Material must conform to a lengthy list of requirements based on both chemical composition and numerous other parameters (such as size, percentage of liquids, and presence of odors) for acceptance. Assuming (or allowing a contractor to assume) that all, or even most, of the soil from a site can be disposed of at minimal cost may result in unanticipated and expensive change orders.

For these reasons, we recommend seeking that professional advice prior to preparing bid documents and contracts incorporating soil disposal.

11.0 REFERENCES

1. PVE Engineering (PVE) & Lawrence ENV, LLC (LENV), Phase I Environmental Site Assessment, 95-04 & 95-25 149th Street, 95-08 & 95-12 150th Street, Queens County, New York, Block 10001 Lot 1, Block 10002 Lots 1, 10, & 13, November 25, 2019.
2. AKRF, Inc., Remedial Investigation Report, 147-20 94th Avenue, Queens, New York, June 2016.
3. AKRF, Inc., Remedial Investigation Report, 147-07 94th Avenue, Queens, New York, June 2018.
4. U.S. Geological Survey, Jamaica, New York Quadrangle, 7.5 minute Series (Topographic), Scale 1:24,000, 2013.
5. NYSDEC, 6 NYCRR Section 375-6: Remedial Program Soil Cleanup Objectives (SCOs), December 14, 2006.
6. NYSDEC, Technical and Operation Guidance Series (1.1.1): Class GA Ambient Water Quality Standards, 1998.
7. New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013.
8. United States Geoloical Survey, Water-table and Potentiometric Surface Altitudes in the Upper Galcial, Magothy, and lyoyd Aquifers beneath Long Island, New York, March-April 2006.

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program 2020

0 600 1,200

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

149th and 150th Streets
Queens, New York

SITE LOCATION

DATE
11/10/2020

PROJECT NO.
200278

FIGURE
1

©2020 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\Phase II\200278 Fig 1 Site loc map.mxd 11/10/2020 6:09:35 PM lszalus

LEGEND

- PROJECT SITE BOUNDARY
- 1 LOT BOUNDARY AND TAX LOT NUMBER
- 10002 BLOCK NUMBER
- BUILDING
- ABOVEGROUND STORAGE TANK (AST)
- SOIL BORING
- SOIL BORING/TEMPORARY WELL/SOIL VAPOR POINT
- SUPPLEMENTAL SOIL VAPOR POINT
- INDOOR AIR SAMPLE LOCATION
- AMBIENT AIR SAMPLE LOCATION

0 30 60 120

SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

©2020 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\Phase II\200278 Fig 2 Site plan with Sample Locations.mxd 11/11/2020 11:50:30 AM iszalus

AKRF
440 Park Avenue South, New York, NY 10016

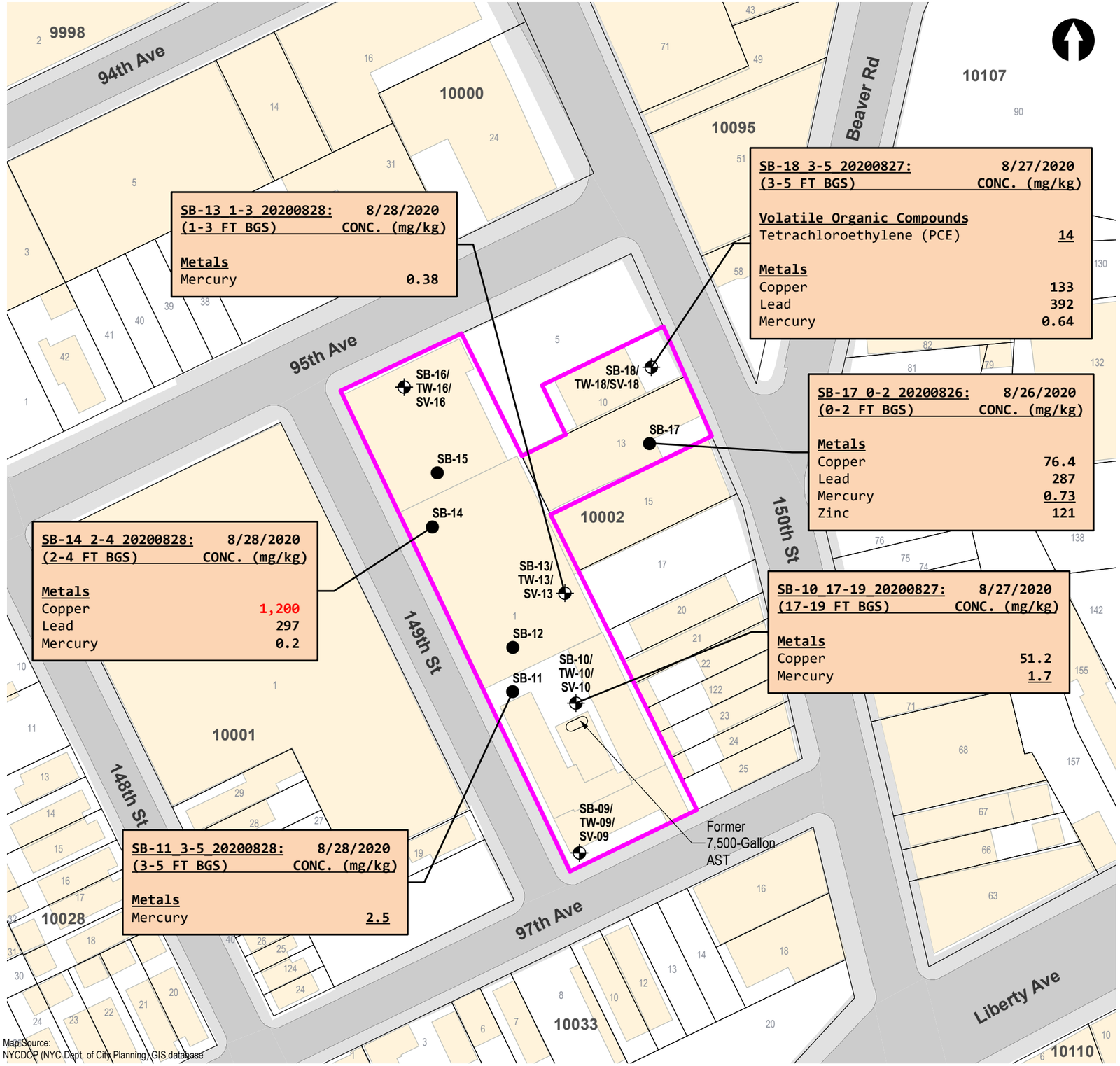
149th and 150th Streets
Queens, New York

SITE PLAN WITH SAMPLE LOCATIONS

DATE
11/11/2020

PROJECT NO.
200278/200350

FIGURE
2



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

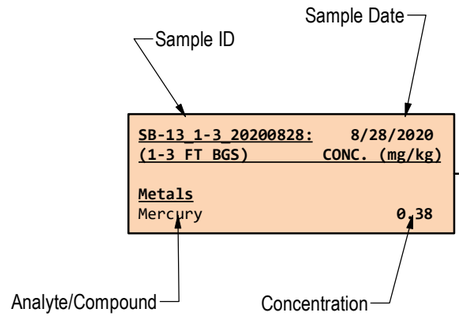
LEGEND

- PROJECT SITE BOUNDARY
- 1 — LOT BOUNDARY AND TAX LOT NUMBER
- 10002 — BLOCK NUMBER
- BUILDING
- ABOVEGROUND STORAGE TANK (AST)
- SOIL BORING/TEMPORARY WELL/SOIL VAPOR POINT
- SOIL BORING

SOIL
Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Commercial Soil Cleanup Objectives (CSCOs) are presented in red.
Exceedances of NYSDEC Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are presented in underlined font.

mg/kg:milligrams per kilogram = parts per million (ppm)



	PART 375 UNRESTRICTED mg/kg	PART 375 COMMERCIAL mg/kg	Part 375 Protection of Groundwater mg/kg
Volatile Organic Compounds			
Acetone	0.05	500	0.05
Tetrachloroethylene (PCE)	1.3	150	1.3
Metals			
Cadmium	2.5	9.3	7.5
Copper	50	270	1720
Lead	63	1,000	450
Mercury	0.18	2.8	0.73
Nickel	30	310	130
Zinc	109	10,000	2,480

0 40 80 160
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

149th and 150th Streets
Queens, New York

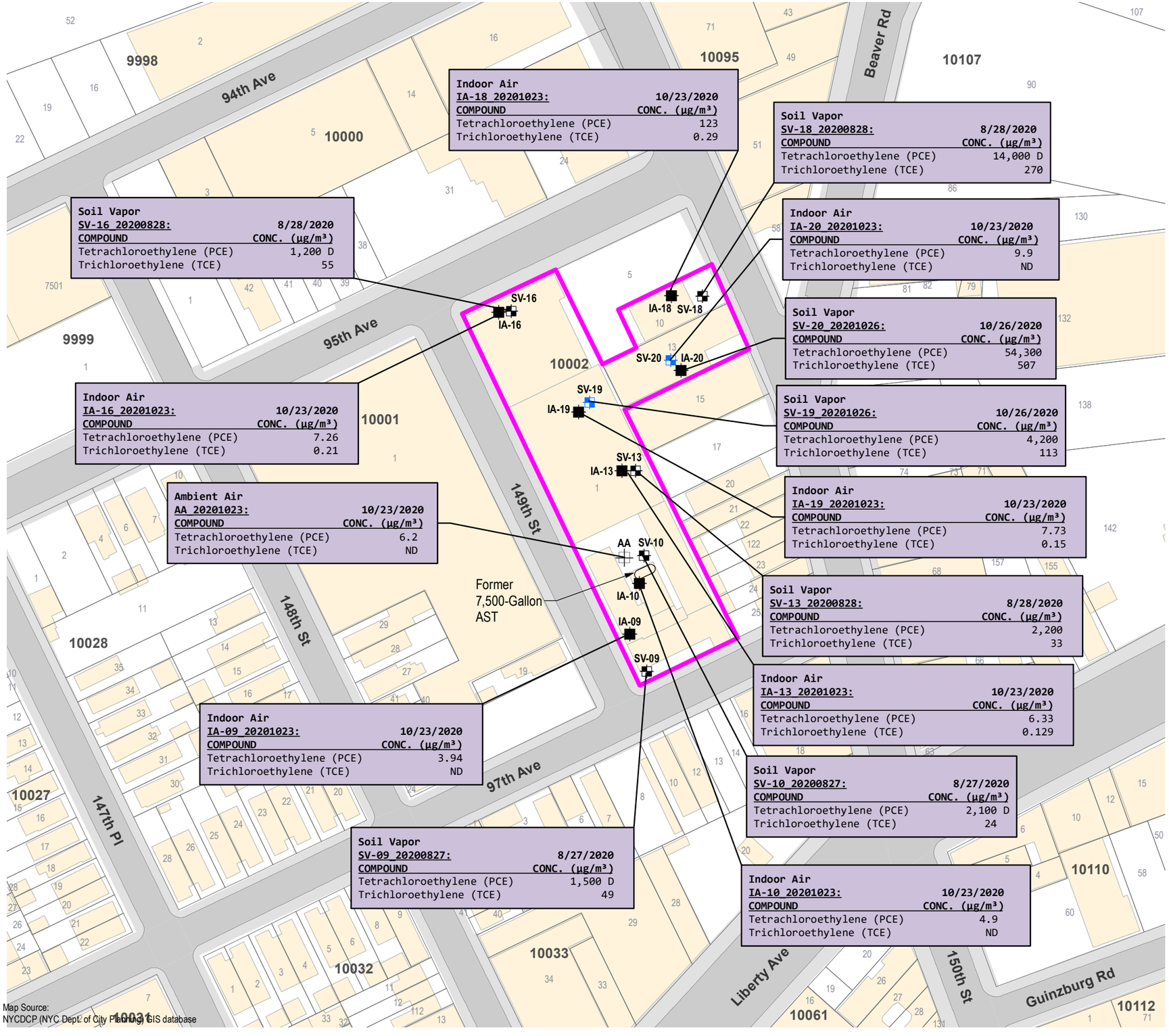
Soil Exceedances Above NYSDEC UUSCOs, CSCOs, and/or PGWSCOs

DATE
11/11/2020

PROJECT NO.
200278/200350

FIGURE
3

©2020 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\Phase II\200278 Fig 3 Soil Exceedances Above NYSDEC UUSCOs CSCOs and PGWSCOs.mxd11/11/2020 11:56:31 AM jszalus



Indoor Air
IA-18 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	123
Trichloroethylene (TCE)	0.29

Soil Vapor
SV-18 20200828: 8/28/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	14,000 D
Trichloroethylene (TCE)	270

Soil Vapor
SV-16 20200828: 8/28/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	1,200 D
Trichloroethylene (TCE)	55

Indoor Air
IA-20 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	9.9
Trichloroethylene (TCE)	ND

Soil Vapor
SV-20 20201026: 10/26/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	54,300
Trichloroethylene (TCE)	507

Indoor Air
IA-16 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	7.26
Trichloroethylene (TCE)	0.21

Soil Vapor
SV-19 20201026: 10/26/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	4,200
Trichloroethylene (TCE)	113

Ambient Air
AA 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	6.2
Trichloroethylene (TCE)	ND

Indoor Air
IA-19 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	7.73
Trichloroethylene (TCE)	0.15

Soil Vapor
SV-13 20200828: 8/28/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	2,200
Trichloroethylene (TCE)	33

Indoor Air
IA-13 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	6.33
Trichloroethylene (TCE)	0.129

Indoor Air
IA-09 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	3.94
Trichloroethylene (TCE)	ND

Soil Vapor
SV-10 20200827: 8/27/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	2,100 D
Trichloroethylene (TCE)	24

Soil Vapor
SV-09 20200827: 8/27/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	1,500 D
Trichloroethylene (TCE)	49

Indoor Air
IA-10 20201023: 10/23/2020

COMPOUND	CONC. (µg/m³)
Tetrachloroethylene (PCE)	4.9
Trichloroethylene (TCE)	ND

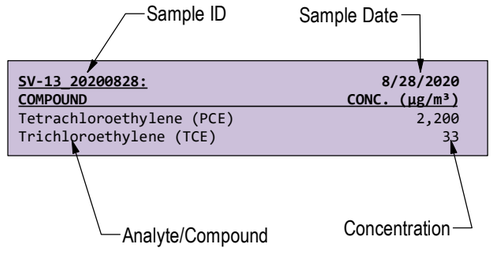
Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- PROJECT SITE BOUNDARY
- 1 — LOT BOUNDARY AND TAX LOT NUMBER
- 10002 — BLOCK NUMBER
- BUILDING
- ABOVEGROUND STORAGE TANK (AST)
- SOIL VAPOR POINT
- SUPPLEMENTAL SOIL VAPOR POINT
- INDOOR AIR SAMPLE LOCATION
- AMBIENT AIR SAMPLE LOCATION

µg/m³- micrograms per cubic meter

D: Analyte concentration obtained from dilution.
ND: Non Detect



0 100 200
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

PCE AND TCE DETECTIONS IN SOIL VAPOR AND INDOOR AIR

149th and 150th Streets
Queens, New York

DATE
11/11/2020

PROJECT NO.
200278/200350

FIGURE
4

©2020 AKRF W:\Projects\200278 - EMPIRE 149TH AND 150TH JAMAICA\GIS and Graphics\SAR\Phase II\200278 Fig 4 PCEandTCE Detections in Soil Vapor and Indoor Air.mxd 11/11/2020 11:58:53 AM jszalus

TABLES

Table 1
Soil Analytical Results for Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

			AKRF Sample ID	SB-09_1-3_20200825	SB-10_1-3_20200827	SB-10_17-19_20200827	SB-11_3-5_20200828
			Laboratory Sample ID	460-216817-4	460-217009-1	460-217009-2	460-217095-4
			Date Sampled	8/25/2020	8/27/2020	8/27/2020	8/28/2020
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	0.68	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,1,2-Trichloroethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,1-Dichloroethane	0.27	0.27	240	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,1-Dichloroethene	0.33	0.33	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2-Dichlorobenzene	1.1	1.1	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2-Dichloroethane	0.02	0.02	30	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,2-Dichloropropane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,3-Dichlorobenzene	2.4	2.4	280	0.0018 U	0.00091 U	0.0012 U	0.001 U
1,4-Dichlorobenzene	1.8	1.8	130	0.0018 U	0.00091 U	0.0012 U	0.001 U
2-Hexanone	NS	NS	NS	0.0089 U	0.0046 U	0.0059 U	0.0052 U
Acetone	0.05	0.05	500	0.011 U	0.0055 U	0.0071 U	0.0062 U
Benzene	0.06	0.06	44	0.0018 U	0.00091 U	0.0012 U	0.001 U
Bromochloromethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Bromodichloromethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Bromoform	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Bromomethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 UT
Carbon Disulfide	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Carbon Tetrachloride	0.76	0.76	22	0.0018 U	0.00091 U	0.0012 U	0.001 U
Chlorobenzene	1.1	1.1	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
Chloroethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Chloroform	0.37	0.37	350	0.0018 U	0.00091 U	0.0012 U	0.001 U
Chloromethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	0.25	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Cyclohexane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Dibromochloromethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Dichlorodifluoromethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Ethylbenzene	1	1	390	0.0018 U	0.00091 U	0.0012 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
M,P-Xylenes	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Methyl Acetate	NS	NS	NS	0.0089 U	0.0046 U	0.0059 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.12	0.12	500	0.0089 U	0.0046 U	0.0059 U	0.0052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0089 U	0.0046 U	0.0059 U	0.0052 U
Methylcyclohexane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Methylene Chloride	0.05	0.05	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Styrene	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Tert-Butyl Methyl Ether	0.93	0.93	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
Tetrachloroethylene (PCE)	**1.3**	1.3	150	0.0018 U	0.00022 J	0.0012 U	0.001 U
Toluene	0.7	0.7	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
Trans-1,2-Dichloroethene	0.19	0.19	500	0.0018 U	0.00091 U	0.0012 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Trichloroethylene (TCE)	0.47	0.47	200	0.0018 U	0.00091 U	0.0012 U	0.001 U
Trichlorofluoromethane	NS	NS	NS	0.0018 U	0.00091 U	0.0012 U	0.001 U
Vinyl Chloride	0.02	0.02	13	0.0018 U	0.00091 U	0.0012 U	0.001 U
Xylenes, Total	0.26	1.6	500	0.0035 U	0.0018 U	0.0024 U	0.0021 U

Table 1
Soil Analytical Results for Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

			AKRF Sample ID	SB-12_0-2_20200828	SB-13_1-3_20200828	SB-14_2-4_20200828	SB-15_0-2_20200826
			Laboratory Sample ID	460-217095-1	460-217095-2	460-217095-3	460-216927-1
			Date Sampled	8/28/2020	8/28/2020	8/28/2020	8/26/2020
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	0.68	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,1-Dichloroethane	0.27	0.27	240	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,1-Dichloroethene	0.33	0.33	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2-Dichlorobenzene	1.1	1.1	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2-Dichloroethane	0.02	0.02	30	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,3-Dichlorobenzene	2.4	2.4	280	0.0011 U	0.0015 U	0.0017 U	0.0013 U
1,4-Dichlorobenzene	1.8	1.8	130	0.0011 U	0.0015 U	0.0017 U	0.0013 U
2-Hexanone	NS	NS	NS	0.0056 U	0.0073 U	0.0083 U	0.0064 U
Acetone	0.05	0.05	500	0.0067 U	0.0093	0.01 U	0.0076 U
Benzene	0.06	0.06	44	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Bromochloromethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Bromoform	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Bromomethane	NS	NS	NS	0.0011 UT	0.0015 UT	0.0017 UT	0.0013 U
Carbon Disulfide	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Carbon Tetrachloride	0.76	0.76	22	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Chlorobenzene	1.1	1.1	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Chloroethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Chloroform	0.37	0.37	350	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Chloromethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	0.25	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Cyclohexane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Ethylbenzene	1	1	390	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
M,P-Xylenes	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Methyl Acetate	NS	NS	NS	0.0056 U	0.0073 U	0.0083 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	0.12	500	0.0056 U	0.0073 U	0.0083 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0056 U	0.0073 U	0.0083 U	0.0064 U
Methylcyclohexane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 UT
Methylene Chloride	0.05	0.05	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Styrene	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	0.93	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Tetrachloroethylene (PCE)	**1.3**	1.3	150	0.002	0.0055	0.0057	0.00022 J
Toluene	0.7	0.7	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	0.19	500	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Trichloroethylene (TCE)	0.47	0.47	200	0.0011 U	0.0015 U	0.00088 J	0.0013 U
Trichlorofluoromethane	NS	NS	NS	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Vinyl Chloride	0.02	0.02	13	0.0011 U	0.0015 U	0.0017 U	0.0013 U
Xylenes, Total	0.26	1.6	500	0.0022 U	0.0029 U	0.0033 U	0.0025 U

Table 1
Soil Analytical Results for Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

			AKRF Sample ID	SB-16_1-3_20200826	SB-17_0-2_20200826	SB-18_3-5_20200827	SB-18_16-18_20200827
			Laboratory Sample ID	460-216927-2	460-216927-3	460-217009-3	460-217009-4
			Date Sampled	8/26/2020	8/26/2020	8/27/2020	8/27/2020
			Dilution Factor	1	1	50	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	0.68	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,1-Dichloroethane	0.27	0.27	240	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,1-Dichloroethene	0.33	0.33	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2-Dichlorobenzene	1.1	1.1	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2-Dichloroethane	0.02	0.02	30	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,3-Dichlorobenzene	2.4	2.4	280	0.0012 U	0.0012 U	0.1 U	0.0012 U
1,4-Dichlorobenzene	1.8	1.8	130	0.0012 U	0.0012 U	0.1 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0062 U	0.0061 U	0.51 U	0.0059 U
Acetone	0.05	0.05	500	0.0074 U	0.0074 U	0.51 U	0.0071 U
Benzene	0.06	0.06	44	0.0012 U	0.0012 U	0.1 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Bromoform	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Bromomethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Carbon Tetrachloride	0.76	0.76	22	0.0012 U	0.0012 U	0.04 J	0.0012 U
Chlorobenzene	1.1	1.1	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
Chloroethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 UT	0.0012 U
Chloroform	0.37	0.37	350	0.0012 U	0.0012 U	0.1 U	0.0012 U
Chloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	0.25	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Ethylbenzene	1	1	390	0.0012 U	0.0012 U	0.1 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0062 U	0.0061 U	0.51 U	0.0059 U
Methyl Ethyl Ketone (2-Butanone)	0.12	0.12	500	0.0062 U	0.0061 U	0.51 U	0.0059 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0062 U	0.0061 U	0.51 U	0.0059 U
Methylcyclohexane	NS	NS	NS	0.0012 UT	0.0012 UT	0.1 U	0.0012 U
Methylene Chloride	0.05	0.05	500	0.0012 U	0.0017	0.1 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Styrene	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	0.93	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
Tetrachloroethylene (PCE)	**1.3**	1.3	150	0.0012 U	0.022	**14**	0.0012 U
Toluene	0.7	0.7	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	0.19	500	0.0012 U	0.0012 U	0.1 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Trichloroethylene (TCE)	0.47	0.47	200	0.0012 U	0.00018 J	0.43	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0012 U	0.1 U	0.0012 U
Vinyl Chloride	0.02	0.02	13	0.0012 U	0.0012 U	0.1 U	0.0012 U
Xylenes, Total	0.26	1.6	500	0.0025 U	0.0025 U	0.2 U	0.0024 U

Table 2
Soil Analytical Results for Semivolatile Organic Compounds (SVOCs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

				AKRF Sample ID	SB-09_1-3_20200825	SB-10_1-3_20200827	SB-10_17-19_20200827	SB-11_3-5_20200828
				Laboratory Sample ID	460-216817-4	460-217009-1	460-217009-2	460-217095-4
				Date Sampled	8/25/2020	8/27/2020	8/27/2020	8/28/2020
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	0.1	130		0.11 U	0.11 UT	0.11 U	0.11 U
2,4-Dinitrotoluene	NS	NS	NS		0.071 U	0.072 UT	0.071 U	0.072 U
2,6-Dinitrotoluene	NS	NS	NS		0.071 U	0.072 UT	0.071 U	0.072 U
2-Chloronaphthalene	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
2-Methylnaphthalene	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
2-Nitroaniline	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.14 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	NS		0.35 U	0.35 U	0.35 U	0.35 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
4-Chloroaniline	NS	NS	NS		0.35 U	0.35 U	0.35 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
4-Nitroaniline	NS	NS	NS		0.35 U	0.35 U	0.35 U	0.35 U
Acenaphthene	20	98	500		0.35 U	0.35 UT	0.35 U	0.35 U
Acenaphthylene	100	107	500		0.35 U	0.35 UT	0.35 U	0.35 U
Anthracene	100	1,000	500		0.35 U	0.35 UT	0.35 U	0.35 U
Benzo(a)Anthracene	1	1	5.6		0.035 U	0.035 UT	0.035 U	0.081
Benzo(a)Pyrene	1	22	1		0.035 UT	0.035 UT	0.035 U	0.11
Benzo(b)Fluoranthene	1	1.7	5.6		0.035 U	0.035 U	0.035 U	0.14
Benzo(g,h,i)Perylene	100	1,000	500		0.35 U	0.35 UT	0.35 U	0.1 J
Benzo(k)Fluoranthene	0.8	1.7	56		0.035 U	0.035 UT	0.035 U	0.05
Benzyl Butyl Phthalate	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.035 U	0.035 UT	0.035 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Carbazole	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Chrysene	1	1	56		0.35 U	0.35 UT	0.35 U	0.076 J
Dibenz(a,h)Anthracene	0.33	1,000	0.56		0.035 UT	0.035 UT	0.035 U	0.035 U
Dibenzofuran	7	210	350		0.35 U	0.35 UT	0.35 U	0.35 U
Diethyl Phthalate	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Dimethyl Phthalate	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Di-N-Octylphthalate	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Fluoranthene	100	1,000	500		0.35 U	0.35 UT	0.35 U	0.083 J
Fluorene	30	386	500		0.35 U	0.35 UT	0.35 U	0.35 U
Hexachlorobenzene	0.33	3.2	6		0.035 U	0.035 UT	0.035 U	0.035 U
Hexachlorobutadiene	NS	NS	NS		0.071 U	0.072 UT	0.071 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	NS		0.35 U	0.35 U	0.35 U	0.35 U
Hexachloroethane	NS	NS	NS		0.035 U	0.035 UT	0.035 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	0.5	8.2	5.6		0.035 UT	0.035 UT	0.035 U	0.1
Isophorone	NS	NS	NS		0.14 U	0.14 UT	0.14 U	0.14 U
Naphthalene	12	12	500		0.35 U	0.35 UT	0.35 U	0.35 U
Nitrobenzene	NS	NS	NS		0.035 U	0.035 UT	0.035 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.035 U	0.035 UT	0.035 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	NS		0.35 U	0.35 UT	0.35 U	0.35 U
Phenanthrene	100	1,000	500		0.35 U	0.35 UT	0.35 U	0.025 J
Pyrene	100	1,000	500		0.35 U	0.35 UT	0.35 U	0.093 J

Table 2
Soil Analytical Results for Semivolatile Organic Compounds (SVOCs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

				AKRF Sample ID	SB-12_0-2_20200828	SB-13_1-3_20200828	SB-14_2-4_20200828	SB-15_0-2_20200826
				Laboratory Sample ID	460-217095-1	460-217095-2	460-217095-3	460-216927-1
				Date Sampled	8/28/2020	8/28/2020	8/28/2020	8/26/2020
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	0.1	130		0.11 U	0.1 U	0.11 U	0.1 U
2,4-Dinitrotoluene	NS	NS	NS		0.075 U	0.069 U	0.071 U	0.068 U
2,6-Dinitrotoluene	NS	NS	NS		0.075 U	0.069 U	0.071 U	0.068 U
2-Chloronaphthalene	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
2-Methylnaphthalene	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
2-Nitroaniline	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.15 U	0.14 U	0.14 U	0.13 U
3-Nitroaniline	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
4-Chloroaniline	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
4-Nitroaniline	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Acenaphthene	20	98	500		0.37 U	0.34 U	0.35 U	0.33 U
Acenaphthylene	100	107	500		0.37 U	0.34 U	0.35 U	0.33 U
Anthracene	100	1,000	500		0.37 U	0.34 U	0.35 U	0.33 U
Benzo(a)Anthracene	1	1	5.6		0.037 U	0.034 U	0.035 U	0.033 U
Benzo(a)Pyrene	1	22	1		0.037 U	0.034 U	0.035 U	0.033 U
Benzo(b)Fluoranthene	1	1.7	5.6		0.037 U	0.019 J	0.035 U	0.033 U
Benzo(g,h,i)Perylene	100	1,000	500		0.37 U	0.016 J	0.35 U	0.33 U
Benzo(k)Fluoranthene	0.8	1.7	56		0.037 U	0.034 U	0.035 U	0.033 U
Benzyl Butyl Phthalate	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.037 U	0.034 U	0.035 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Carbazole	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Chrysene	1	1	56		0.37 U	0.34 U	0.35 U	0.33 U
Dibenz(a,h)Anthracene	0.33	1,000	0.56		0.037 U	0.034 U	0.035 U	0.033 U
Dibenzofuran	7	210	350		0.37 U	0.34 U	0.35 U	0.33 U
Diethyl Phthalate	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Dimethyl Phthalate	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Di-N-Octylphthalate	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Fluoranthene	100	1,000	500		0.37 U	0.34 U	0.35 U	0.33 U
Fluorene	30	386	500		0.37 U	0.34 U	0.35 U	0.33 U
Hexachlorobenzene	0.33	3.2	6		0.037 U	0.034 U	0.035 U	0.033 U
Hexachlorobutadiene	NS	NS	NS		0.075 U	0.069 U	0.071 U	0.068 U
Hexachlorocyclopentadiene	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Hexachloroethane	NS	NS	NS		0.037 U	0.034 U	0.035 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	0.5	8.2	5.6		0.037 U	0.016 J	0.035 U	0.033 U
Isophorone	NS	NS	NS		0.15 U	0.14 U	0.14 U	0.13 U
Naphthalene	12	12	500		0.37 U	0.34 U	0.35 U	0.33 U
Nitrobenzene	NS	NS	NS		0.037 U	0.034 U	0.035 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.037 U	0.034 U	0.035 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NS		0.37 U	0.34 U	0.35 U	0.33 U
Phenanthrene	100	1,000	500		0.37 U	0.34 U	0.35 U	0.33 U
Pyrene	100	1,000	500		0.37 U	0.34 U	0.35 U	0.33 U

Table 2
Soil Analytical Results for Semivolatile Organic Compounds (SVOCs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

				AKRF Sample ID	SB-16_1-3_20200826	SB-17_0-2_20200826	SB-18_3-5_20200827	SB-18_16-18_20200827
				Laboratory Sample ID	460-216927-2	460-216927-3	460-217009-3	460-217009-4
				Date Sampled	8/26/2020	8/26/2020	8/27/2020	8/27/2020
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	0.1	130		0.1 U	0.11 U	0.11 U	0.1 U
2,4-Dinitrotoluene	NS	NS	NS		0.068 U	0.076 U	0.075 U	0.07 U
2,6-Dinitrotoluene	NS	NS	NS		0.068 U	0.076 U	0.075 U	0.07 U
2-Chloronaphthalene	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
2-Methylnaphthalene	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
2-Nitroaniline	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.14 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
4-Chloroaniline	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
4-Nitroaniline	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Acenaphthene	20	98	500		0.34 U	0.37 U	0.37 U	0.34 U
Acenaphthylene	100	107	500		0.34 U	0.085 J	0.018 J	0.34 U
Anthracene	100	1,000	500		0.34 U	0.11 J	0.37 U	0.34 U
Benzo(a)Anthracene	1	1	5.6		0.034 U	0.62	0.23	0.034 U
Benzo(a)Pyrene	1	22	1		0.034 U	0.73	0.43	0.034 U
Benzo(b)Fluoranthene	1	1.7	5.6		0.034 U	0.72	0.63	0.034 U
Benzo(g,h,i)Perylene	100	1,000	500		0.34 U	0.42	0.34 J	0.34 U
Benzo(k)Fluoranthene	0.8	1.7	56		0.034 U	0.26	0.21	0.034 U
Benzyl Butyl Phthalate	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.034 U	0.037 U	0.037 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Carbazole	NS	NS	NS		0.34 U	0.041 J	0.015 J	0.34 U
Chrysene	1	1	56		0.34 U	0.78	0.28 J	0.34 U
Dibenz(a,h)Anthracene	0.33	1,000	0.56		0.034 U	0.11	0.1	0.034 U
Dibenzofuran	7	210	350		0.34 U	0.012 J	0.37 U	0.34 U
Diethyl Phthalate	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Dimethyl Phthalate	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Di-N-Octylphthalate	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Fluoranthene	100	1,000	500		0.34 U	1	0.29 J	0.34 U
Fluorene	30	386	500		0.34 U	0.023 J	0.37 U	0.34 U
Hexachlorobenzene	0.33	3.2	6		0.034 U	0.037 U	0.037 U	0.034 U
Hexachlorobutadiene	NS	NS	NS		0.068 U	0.076 U	0.075 U	0.07 U
Hexachlorocyclopentadiene	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Hexachloroethane	NS	NS	NS		0.034 U	0.037 U	0.037 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	0.5	8.2	5.6		0.034 U	0.37	0.34	0.034 U
Isophorone	NS	NS	NS		0.14 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	12	500		0.34 U	0.37 U	0.37 U	0.34 U
Nitrobenzene	NS	NS	NS		0.034 U	0.037 U	0.037 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.034 U	0.037 U	0.037 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	NS		0.34 U	0.37 U	0.37 U	0.34 U
Phenanthrene	100	1,000	500		0.34 U	0.52	0.072 J	0.34 U
Pyrene	100	1,000	500		0.34 U	1.3	0.34 J	0.34 U

Table 3
Soil Analytical Results for Metals
Phase II Environmental Site Assessment
95-04 95-25 149th St.and 95-08 95-12 150th Str.
Queens, NY

			AKRF Sample ID	SB-09_1-3_20200825	SB-10_1-3_20200827	SB-10_17-19_20200827	SB-10_17-19_20200827
			Laboratory Sample ID	460-216817-4	460-217009-1	460-217009-2	460-217009-2
			Date Sampled	8/25/2020	8/27/2020	8/27/2020	8/27/2020
			Dilution Factor	1	1	1	5
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	3,250	6,960	1,840	NR
Antimony	NS	NS	NS	0.78 U	1 UT	0.9 U	NR
Arsenic	13	16	16	1.2	2.4	0.52 J	NR
Barium	350	820	400	17.2	20.7 T	24.1	NR
Beryllium	7.2	47	590	0.17 J	0.36 J	0.1 J	NR
Cadmium	2.5	7.5	9.3	0.78 U	1 U	0.9 U	NR
Calcium	NS	NS	NS	520	1,180 T	93.9	NR
Chromium, Total	NS	NS	NS	8.9	15.2	4.3	NR
Cobalt	NS	NS	NS	2.8	4.5	1.5 J	NR
Copper	**50**	1,720	270	7.6	34.5 T	**51.2**	NR
Iron	NS	NS	NS	13,800	23,600	6,440	NR
Lead	**63**	450	1,000	3.9	4.5	1.2	NR
Magnesium	NS	NS	NS	986	1,400 T	536	NR
Manganese	1,600	2,000	10,000	246	289	106	NR
Mercury	**0.18**	0.73	2.8	0.018	0.011 J	NR	**1.7**
Nickel	30	130	310	8.2	9.5 T	7.1	NR
Potassium	NS	NS	NS	236	437	202	NR
Selenium	3.9	4	1,500	0.11 J	0.28 J	1.1 U	NR
Silver	2	8.3	1,500	0.78 U	1 U	0.9 U	NR
Sodium	NS	NS	NS	76.6 J	65.2 J	29.9 J	NR
Thallium	NS	NS	NS	0.043 J	0.062 J	0.36 U	NR
Vanadium	NS	NS	NS	10.8	18.7 T	5.5	NR
Zinc	**109**	2,480	10,000	15.3	27.5	7.8	NR

Table 3
Soil Analytical Results for Metals
Phase II Environmental Site Assessment
95-04 95-25 149th St.and 95-08 95-12 150th Str.
Queens, NY

			AKRF Sample ID	SB-11_3-5_20200828	SB-11_3-5_20200828	SB-12_0-2_20200828	SB-13_1-3_20200828
			Laboratory Sample ID	460-217095-4	460-217095-4	460-217095-1	460-217095-2
			Date Sampled	8/28/2020	8/28/2020	8/28/2020	8/28/2020
			Dilution Factor	1	5	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	3,730	NR	10,900	2,980
Antimony	NS	NS	NS	0.8 U	NR	1.1 U	0.99 UT
Arsenic	13	16	16	1.5	NR	4.2	1.3
Barium	350	820	400	13.4	NR	36.5	12.6 T
Beryllium	7.2	47	590	0.19 J	NR	0.46	0.26 J
Cadmium	2.5	7.5	9.3	0.093 J	NR	1.1 U	0.99 U
Calcium	NS	NS	NS	4,410	NR	1,170	1,670 T
Chromium, Total	NS	NS	NS	8.4	NR	21.8	7.9 T
Cobalt	NS	NS	NS	2.9	NR	6.9	2.9
Copper	**50**	1,720	270	29.6	NR	11.5	7.5
Iron	NS	NS	NS	9,810	NR	24,700	17,000
Lead	**63**	450	1,000	11	NR	56.2	7.2 T
Magnesium	NS	NS	NS	1,150	NR	1,830	983 T
Manganese	1,600	2,000	10,000	154	NR	317	221
Mercury	**0.18**	0.73	2.8	NR	**2.5**	0.13	**0.38**
Nickel	30	130	310	9.8	NR	12.2	7
Potassium	NS	NS	NS	443	NR	585	386 T
Selenium	3.9	4	1,500	1 U	NR	0.54 J	1.2 U
Silver	2	8.3	1,500	0.8 U	NR	1.1 U	0.99 U
Sodium	NS	NS	NS	78 J	NR	69.2 J	41.5 J
Thallium	NS	NS	NS	0.033 J	NR	0.064 J	0.4 U
Vanadium	NS	NS	NS	10.7	NR	26.8	11.7
Zinc	**109**	2,480	10,000	37.1	NR	26.8	36.7 T

Table 3
Soil Analytical Results for Metals
Phase II Environmental Site Assessment
95-04 95-25 149th St.and 95-08 95-12 150th Str.
Queens, NY

			AKRF Sample ID	SB-14_2-4_20200828	SB-15_0-2_20200826	SB-16_1-3_20200826	SB-17_0-2_20200826
			Laboratory Sample ID	460-217095-3	460-216927-1	460-216927-2	460-216927-3
			Date Sampled	8/28/2020	8/26/2020	8/26/2020	8/26/2020
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	10,700	2,390	2,750	8,370
Antimony	NS	NS	NS	0.44 J	0.83 U	0.8 U	0.19 J
Arsenic	13	16	16	3.4	1.5	0.86	4.9
Barium	350	820	400	104	19.5	20.7	146
Beryllium	7.2	47	590	0.57	0.2 J	0.17 J	0.48
Cadmium	2.5	7.5	9.3	0.93 U	0.83 U	0.8 U	0.27 J
Calcium	NS	NS	NS	7,230	1,630	299	4,990
Chromium, Total	NS	NS	NS	14.3	7.9	9	14.5
Cobalt	NS	NS	NS	5.9	3.3	3	5.2
Copper	**50**	1,720	270	**1,200**	9.3	6.8	**76.4**
Iron	NS	NS	NS	16,200	18,600	12,600	16,900
Lead	**63**	450	1,000	**297**	3.1	1.8	**287**
Magnesium	NS	NS	NS	1,670	819	1,040	1,480
Manganese	1,600	2,000	10,000	474	323	203	560
Mercury	**0.18**	0.73	2.8	**0.2**	0.017	0.0053 J	**0.73**
Nickel	30	130	310	10.9	7.2	6.1	11.4
Potassium	NS	NS	NS	573	325	403	495
Selenium	3.9	4	1,500	0.27 J	1 U	0.99 U	0.38 J
Silver	2	8.3	1,500	0.28 J	0.83 U	0.8 U	0.1 J
Sodium	NS	NS	NS	97.7	48.5 J	34.6 J	93.7
Thallium	NS	NS	NS	0.084 J	0.036 J	0.32 U	0.11 J
Vanadium	NS	NS	NS	20.2	14.6	10.5	18.7
Zinc	**109**	2,480	10,000	101	11.7	11.9	**121**

Table 3
Soil Analytical Results for Metals
Phase II Environmental Site Assessment
95-04 95-25 149th St.and 95-08 95-12 150th Str.
Queens, NY

			AKRF Sample ID	SB-18_3-5_20200827	SB-18_16-18_20200827
			Laboratory Sample ID	460-217009-3	460-217009-4
			Date Sampled	8/27/2020	8/27/2020
			Dilution Factor	1	1
			Unit	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q
Aluminum	NS	NS	NS	7,710	2,710
Antimony	NS	NS	NS	0.58 J	0.87 U
Arsenic	13	16	16	3.1	0.81 J
Barium	350	820	400	45	27.8
Beryllium	7.2	47	590	0.38	0.16 J
Cadmium	2.5	7.5	9.3	0.96 U	0.87 U
Calcium	NS	NS	NS	1,020	334
Chromium, Total	NS	NS	NS	15	8.3
Cobalt	NS	NS	NS	4.7	3
Copper	**50**	1,720	270	**133**	7.3
Iron	NS	NS	NS	18,200	13,700
Lead	**63**	450	1,000	**392**	1.7
Magnesium	NS	NS	NS	1,460	877
Manganese	1,600	2,000	10,000	286	264
Mercury	**0.18**	0.73	2.8	**0.64**	0.017 U
Nickel	30	130	310	9.7	5.9
Potassium	NS	NS	NS	353	329
Selenium	3.9	4	1,500	0.35 J	1.1 U
Silver	2	8.3	1,500	0.96 U	0.87 U
Sodium	NS	NS	NS	119	68.8 J
Thallium	NS	NS	NS	0.075 J	0.35 U
Vanadium	NS	NS	NS	19.4	12.2
Zinc	**109**	2,480	10,000	63	10.4

Table 4
Soil Analytical Results for Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

			AKRF Sample ID	SB-09_1-3_20200825	SB-10_1-3_20200827	SB-10_17-19_20200827	SB-11_3-5_20200828
			Laboratory Sample ID	460-216817-4	460-217009-1	460-217009-2	460-217095-4
			Date Sampled	8/25/2020	8/27/2020	8/27/2020	8/28/2020
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.071 U	0.072 U	0.071 U	0.072 U
Total PCBs	0.1	3.2	1	0.071 U	0.072 U	0.071 U	0.072 U

Table 4
Soil Analytical Results for Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

			AKRF Sample ID	SB-12_0-2_20200828	SB-13_1-3_20200828	SB-14_2-4_20200828	SB-15_0-2_20200826
			Laboratory Sample ID	460-217095-1	460-217095-2	460-217095-3	460-216927-1
			Date Sampled	8/28/2020	8/28/2020	8/28/2020	8/26/2020
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.075 U	0.069 U	0.071 U	0.068 U
Total PCBs	0.1	3.2	1	0.075 U	0.069 U	0.071 U	0.068 U

Table 4
Soil Analytical Results for Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

			AKRF Sample ID	SB-16_1-3_20200826	SB-17_0-2_20200826	SB-18_3-5_20200827	SB-18_16-18_20200827
			Laboratory Sample ID	460-216927-2	460-216927-3	460-217009-3	460-217009-4
			Date Sampled	8/26/2020	8/26/2020	8/27/2020	8/27/2020
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC PGWSCO**	**NYSDEC CSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.068 U	0.076 U	0.075 U	0.07 U
Total PCBs	0.1	3.2	1	0.068 U	0.076 U	0.075 U	0.07 U

Table 5
Groundwater Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	AKRF Sample ID	TW-09_20200828	TW-10_20200828	TW-13_20200828	TW-16_20200828	TW-18_20200828	TB_20200825
	Laboratory Sample ID	460-217163-7	460-217163-6	460-217163-4	460-217163-3	460-217163-2	460-216817-7
	Date Sampled	8/28/2020	8/28/2020	8/28/2020	8/28/2020	8/28/2020	8/25/2020
	Dilution Factor	1	1	1	1	1	1
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	4.5 J	11
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	0.34 J	1 U	1 U	0.68 J	1 U	1 U
Chloromethane	5	1 U	0.43 J	1.1	1 U	0.56 J	1 U
Cis-1,2-Dichloroethylene	5	1 U	1.3	1.3	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	3.1	4.6	4	1.3	3.6	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U	1 U	0.4 J	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U	2 U

Table 5
Groundwater Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	AKRF Sample ID	TB_20200828
	Laboratory Sample ID	460-217095-5
	Date Sampled	8/28/2020
	Dilution Factor	1
	Unit	µg/L
Compound	**AWQSGV**	CONC Q
1,1,1-Trichloroethane	5	1 U
1,1,2,2-Tetrachloroethane	5	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U
1,1,2-Trichloroethane	1	1 U
1,1-Dichloroethane	5	1 U
1,1-Dichloroethene	5	1 U
1,2,3-Trichlorobenzene	5	1 U
1,2,4-Trichlorobenzene	5	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U
1,2-Dichlorobenzene	3	1 U
1,2-Dichloroethane	0.6	1 U
1,2-Dichloropropane	1	1 U
1,3-Dichlorobenzene	3	1 U
1,4-Dichlorobenzene	3	1 U
2-Hexanone	50	5 U
Acetone	50	12
Benzene	1	1 U
Bromochloromethane	5	1 U
Bromodichloromethane	50	1 U
Bromoform	50	1 U
Bromomethane	5	1 U
Carbon Disulfide	60	1 U
Carbon Tetrachloride	5	1 U
Chlorobenzene	5	1 U
Chloroethane	5	1 U
Chloroform	7	1 U
Chloromethane	5	1 U
Cis-1,2-Dichloroethylene	5	1 U
Cis-1,3-Dichloropropene	NS	1 U
Cyclohexane	NS	1 U
Dibromochloromethane	50	1 U
Dichlorodifluoromethane	5	1 U
Ethylbenzene	5	1 U
Isopropylbenzene (Cumene)	5	1 U
M,P-Xylenes	5	1 U
Methyl Acetate	NS	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U
Methylcyclohexane	NS	1 U
Methylene Chloride	5	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U
Styrene	5	1 U
Tert-Butyl Methyl Ether	10	1 U
Tetrachloroethylene (PCE)	5	1 U
Toluene	5	1 U
Trans-1,2-Dichloroethene	5	1 U
Trans-1,3-Dichloropropene	NS	1 U
Trichloroethylene (TCE)	5	1 U
Trichlorofluoromethane	5	1 U
Vinyl Chloride	2	1 U
Xylenes, Total	NS	2 U

Table 6
Groundwater Analytical Results for SVOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	AKRF Sample ID	TW-09_20200828	TW-10_20200828	TW-13_20200828	TW-16_20200828	TW-18_20200828
	Laboratory Sample ID	460-217163-7	460-217163-6	460-217163-4	460-217163-3	460-217163-2
	Date Sampled	8/28/2020	8/28/2020	8/28/2020	8/28/2020	8/28/2020
	Dilution Factor	1	1	1	1	1
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	NS	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U

Table 7
Soil Vapor Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	Sample ID	SV-09_20200827	SV-09_20200827	SV-10_20200827
	Lab Sample ID	200-54912-3	200-54912-3	200-54912-4
	Date Sampled	8/27/2020	8/27/2020	8/27/2020
	Unit	µg/m^3	µg/m^3	µg/m^3
	Dilution Factor	1	10	1
Compound	**NYSDOH Matrix Value**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	1.1 U	NR	1.1
1,1,2,2-Tetrachloroethane	NS	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	1.5 U	NR	1.5 U
1,1,2-Trichloroethane	NS	1.1 U	NR	1.1 U
1,1-Dichloroethane	NS	0.81 U	NR	0.81 U
1,1-Dichloroethene	60	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	NS	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	NS	18	NR	2.2
1,2-Dibromoethane (Ethylene Dibromide)	NS	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	NS	1.2 U	NR	1.2 U
1,2-Dichloroethane	NS	0.81 U	NR	0.81 U
1,2-Dichloropropane	NS	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	5	NR	0.92 J
1,3-Butadiene	NS	0.44 U	NR	5
1,3-Dichlorobenzene	NS	1.2 U	NR	1.2 U
1,4-Dichlorobenzene	NS	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	NS	1.3	NR	2.4
2-Chlorotoluene	NS	1 U	NR	1 U
2-Hexanone	NS	52	NR	7.1
4-Ethyltoluene	NS	5.1	NR	0.64 J
Acetone	NS	NR	130 D	97
Allyl Chloride (3-Chloropropene)	NS	1.6 U	NR	1.6 U
Benzene	NS	0.77	NR	2.9
Benzyl Chloride	NS	1 U	NR	1 U
Bromodichloromethane	NS	1.3 U	NR	1.3 U
Bromoform	NS	2.1 U	NR	2.1 U
Bromomethane	NS	0.78 U	NR	0.78 U
Butane	NS	19	NR	13
Carbon Disulfide	NS	1 J	NR	2.5
Carbon Tetrachloride	60	0.18 J	NR	6.8
Chlorobenzene	NS	0.92 U	NR	0.92 U
Chlorodifluoromethane	NS	0.62 J	NR	0.82 J
Chloroethane	NS	1.3 U	NR	1.3 U
Chloroform	NS	12	NR	4.6
Chloromethane	NS	1 U	NR	0.72 J
Cis-1,2-Dichloroethylene	60	2.5	NR	0.2 U
Cis-1,3-Dichloropropene	NS	0.91 U	NR	0.91 U
Cyclohexane	NS	0.69 U	NR	0.65 J
Cymene	NS	18	NR	2.1
Dibromochloromethane	NS	1.7 U	NR	1.7 U
Dichlorodifluoromethane	NS	2.3 J	NR	2.3 J
Ethanol	NS	NR	NR	NR
Ethyl Acetate	NS	NR	NR	NR
Ethylbenzene	NS	1.3	NR	3.3
Hexachlorobutadiene	NS	2.1 U	NR	2.1 U
Isopropanol	NS	4.1 J	NR	74
Isopropylbenzene (Cumene)	NS	0.98 U	NR	0.98 U
M,P-Xylenes	NS	4.5	NR	13
Methyl Ethyl Ketone (2-Butanone)	NS	NR	480 D	18
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	2 U	NR	17
Methyl Methacrylate	NS	2 U	NR	0.96 J
Methylene Chloride	1,000	1.7 U	NR	0.95 J
Naphthalene	NS	2.6 U	NR	2.6 U
N-Butylbenzene	NS	1.1 U	NR	1.1 U
N-Heptane	NS	5.6	NR	0.82 U
N-Hexane	NS	4.4	NR	3
N-Propylbenzene	NS	0.98 U	NR	0.48 J
O-Xylene (1,2-Dimethylbenzene)	NS	2.2	NR	6.3
Sec-Butylbenzene	NS	1.1 U	NR	1.1 U
Styrene	NS	0.85 U	NR	1
T-Butylbenzene	NS	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	NS	5.5 J	NR	25
Tert-Butyl Methyl Ether	NS	0.72 U	NR	0.72 U
Tetrachloroethylene (PCE)	**1,000**	NR	**1,500 D**	NR
Tetrahydrofuran	NS	15 U	NR	2.9 J
Toluene	NS	4.3	NR	9.3
Trans-1,2-Dichloroethene	NS	0.79 U	NR	0.79 U
Trans-1,3-Dichloropropene	NS	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	**60**	49	NR	24
Trichlorofluoromethane	NS	1.6	NR	1.5
Vinyl Bromide	NS	0.87 U	NR	0.87 U
Vinyl Chloride	60	0.2 U	NR	0.2 U

Table 7
Soil Vapor Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	Sample ID	SV-10_20200827	SV-13_20200828	SV-13_20200828
	Lab Sample ID	200-54912-4	200-54925-4	200-54925-4
	Date Sampled	8/27/2020	8/28/2020	8/28/2020
	Unit	µg/m^3	µg/m^3	µg/m^3
	Dilution Factor	10	10	249
Compound	**NYSDOH Matrix Value**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NR	11 U	NR
1,1,2,2-Tetrachloroethane	NS	NR	14 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NR	15 U	NR
1,1,2-Trichloroethane	NS	NR	11 U	NR
1,1-Dichloroethane	NS	NR	8.1 U	NR
1,1-Dichloroethene	60	NR	2 U	NR
1,2,4-Trichlorobenzene	NS	NR	37 U	NR
1,2,4-Trimethylbenzene	NS	NR	16	NR
1,2-Dibromoethane (Ethylene Dibromide)	NS	NR	15 U	NR
1,2-Dichlorobenzene	NS	NR	12 U	NR
1,2-Dichloroethane	NS	NR	8.1 U	NR
1,2-Dichloropropane	NS	NR	9.2 U	NR
1,2-Dichlorotetrafluoroethane	NS	NR	14 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	NS	NR	9.8 U	NR
1,3-Butadiene	NS	NR	4.4 U	NR
1,3-Dichlorobenzene	NS	NR	12 U	NR
1,4-Dichlorobenzene	NS	NR	12 U	NR
2,2,4-Trimethylpentane	NS	NR	2.9 J	NR
2-Chlorotoluene	NS	NR	10 U	NR
2-Hexanone	NS	NR	250	NR
4-Ethyltoluene	NS	NR	2.9 J	NR
Acetone	NS	NR	NR	18,000 D
Allyl Chloride (3-Chloropropene)	NS	NR	16 U	NR
Benzene	NS	NR	10	NR
Benzyl Chloride	NS	NR	10 U	NR
Bromodichloromethane	NS	NR	13 U	NR
Bromoform	NS	NR	21 U	NR
Bromomethane	NS	NR	7.8 U	NR
Butane	NS	NR	23	NR
Carbon Disulfide	NS	NR	22	NR
Carbon Tetrachloride	60	NR	2.2 U	NR
Chlorobenzene	NS	NR	9.2 U	NR
Chlorodifluoromethane	NS	NR	18 U	NR
Chloroethane	NS	NR	13 U	NR
Chloroform	NS	NR	61	NR
Chloromethane	NS	NR	10 U	NR
Cis-1,2-Dichloroethylene	60	NR	2 U	NR
Cis-1,3-Dichloropropene	NS	NR	9.1 U	NR
Cyclohexane	NS	NR	2.6 J	NR
Cymene	NS	NR	7.9 J	NR
Dibromochloromethane	NS	NR	17 U	NR
Dichlorodifluoromethane	NS	NR	25 U	NR
Ethanol	NS	NR	NR	NR
Ethyl Acetate	NS	NR	NR	NR
Ethylbenzene	NS	NR	4.5 J	NR
Hexachlorobutadiene	NS	NR	21 U	NR
Isopropanol	NS	NR	630	NR
Isopropylbenzene (Cumene)	NS	NR	9.8 U	NR
M,P-Xylenes	NS	NR	9.9 J	NR
Methyl Ethyl Ketone (2-Butanone)	NS	NR	NR	1,600 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NR	240	NR
Methyl Methacrylate	NS	NR	20 U	NR
Methylene Chloride	1,000	NR	17 U	NR
Naphthalene	NS	NR	26 U	NR
N-Butylbenzene	NS	NR	11 U	NR
N-Heptane	NS	NR	8.2 U	NR
N-Hexane	NS	NR	20	NR
N-Propylbenzene	NS	NR	9.8 U	NR
O-Xylene (1,2-Dimethylbenzene)	NS	NR	5.1 J	NR
Sec-Butylbenzene	NS	NR	11 U	NR
Styrene	NS	NR	8.5 U	NR
T-Butylbenzene	NS	NR	11 U	NR
Tert-Butyl Alcohol	NS	NR	150	NR
Tert-Butyl Methyl Ether	NS	NR	7.2 U	NR
Tetrachloroethylene (PCE)	**1,000**	**2,100 D**	**2,200**	NR
Tetrahydrofuran	NS	NR	150 U	NR
Toluene	NS	NR	25	NR
Trans-1,2-Dichloroethene	NS	NR	7.9 U	NR
Trans-1,3-Dichloropropene	NS	NR	9.1 U	NR
Trichloroethylene (TCE)	**60**	NR	33	NR
Trichlorofluoromethane	NS	NR	11 U	NR
Vinyl Bromide	NS	NR	8.7 U	NR
Vinyl Chloride	60	NR	2 U	NR

Table 7
Soil Vapor Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	Sample ID	SV-16_20200828	SV-16_20200828	SV-18_20200828
	Lab Sample ID	200-54925-1	200-54925-1	200-54925-2
	Date Sampled	8/28/2020	8/28/2020	8/28/2020
	Unit	µg/m^3	µg/m^3	µg/m^3
	Dilution Factor	1	10	10
Compound	**NYSDOH Matrix Value**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	2	NR	3.7 J
1,1,2,2-Tetrachloroethane	NS	1.4 U	NR	14 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	1.5 U	NR	15 U
1,1,2-Trichloroethane	NS	1.1 U	NR	11 U
1,1-Dichloroethane	NS	0.81 U	NR	8.1 U
1,1-Dichloroethene	60	0.2 U	NR	2 U
1,2,4-Trichlorobenzene	NS	3.7 U	NR	37 U
1,2,4-Trimethylbenzene	NS	17	NR	22
1,2-Dibromoethane (Ethylene Dibromide)	NS	1.5 U	NR	15 U
1,2-Dichlorobenzene	NS	1.2 U	NR	12 U
1,2-Dichloroethane	NS	0.81 U	NR	8.1 U
1,2-Dichloropropane	NS	0.92 U	NR	9.2 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	NR	14 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	4.8	NR	7.2 J
1,3-Butadiene	NS	0.44 U	NR	4.4 U
1,3-Dichlorobenzene	NS	1.2 U	NR	12 U
1,4-Dichlorobenzene	NS	1.2 U	NR	12 U
2,2,4-Trimethylpentane	NS	0.25 J	NR	9.3 U
2-Chlorotoluene	NS	1 U	NR	10 U
2-Hexanone	NS	15	NR	20 U
4-Ethyltoluene	NS	4.2	NR	5.8 J
Acetone	NS	11 J	NR	98 J
Allyl Chloride (3-Chloropropene)	NS	1.6 U	NR	16 U
Benzene	NS	0.31 J	NR	6.4 U
Benzyl Chloride	NS	1 U	NR	10 U
Bromodichloromethane	NS	2.2	NR	13 U
Bromoform	NS	2.1 U	NR	21 U
Bromomethane	NS	0.78 U	NR	7.8 U
Butane	NS	1.2	NR	12 U
Carbon Disulfide	NS	0.3 J	NR	4.6 J
Carbon Tetrachloride	60	1.3	NR	4
Chlorobenzene	NS	0.92 U	NR	9.2 U
Chlorodifluoromethane	NS	1.8 U	NR	18 U
Chloroethane	NS	1.3 U	NR	13 U
Chloroform	NS	99	NR	44
Chloromethane	NS	0.4 J	NR	10 U
Cis-1,2-Dichloroethylene	60	0.2 U	NR	2 U
Cis-1,3-Dichloropropene	NS	0.91 U	NR	9.1 U
Cyclohexane	NS	0.69 U	NR	6.9 U
Cymene	NS	0.77 J	NR	11 U
Dibromochloromethane	NS	1.7 U	NR	17 U
Dichlorodifluoromethane	NS	4	NR	25
Ethanol	NS	NR	NR	NR
Ethyl Acetate	NS	NR	NR	NR
Ethylbenzene	NS	0.83 J	NR	2.7 J
Hexachlorobutadiene	NS	2.1 U	NR	21 U
Isopropanol	NS	3.1 J	NR	120 U
Isopropylbenzene (Cumene)	NS	0.68 J	NR	9.8 U
M,P-Xylenes	NS	2.2	NR	22 U
Methyl Ethyl Ketone (2-Butanone)	NS	19	NR	20
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	0.44 J	NR	20 U
Methyl Methacrylate	NS	2 U	NR	20 U
Methylene Chloride	1,000	1.7 U	NR	17 U
Naphthalene	NS	2.6 U	NR	26 U
N-Butylbenzene	NS	0.24 J	NR	11 U
N-Heptane	NS	0.31 J	NR	8.2 U
N-Hexane	NS	0.7 U	NR	7 U
N-Propylbenzene	NS	2.1	NR	2.8 J
O-Xylene (1,2-Dimethylbenzene)	NS	1.3	NR	3.6 J
Sec-Butylbenzene	NS	1.1 U	NR	11 U
Styrene	NS	0.68 J	NR	8.5 U
T-Butylbenzene	NS	1.1 U	NR	11 U
Tert-Butyl Alcohol	NS	1.7 J	NR	20 J
Tert-Butyl Methyl Ether	NS	0.72 U	NR	7.2 U
Tetrachloroethylene (PCE)	**1,000**	NR	**1,200 D**	NR
Tetrahydrofuran	NS	15 U	NR	150 U
Toluene	NS	2.6	NR	4.5 J
Trans-1,2-Dichloroethene	NS	0.79 U	NR	7.9 U
Trans-1,3-Dichloropropene	NS	0.91 U	NR	9.1 U
Trichloroethylene (TCE)	**60**	55	NR	**270**
Trichlorofluoromethane	NS	5.3	NR	11 U
Vinyl Bromide	NS	0.87 U	NR	8.7 U
Vinyl Chloride	60	0.2 U	NR	2 U

Table 7
Soil Vapor Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	Sample ID	SV-18_20200828	SV-19_20201026	SV-20_20201026
	Lab Sample ID	200-54925-2	L2046465-01	L2046465-02
	Date Sampled	8/28/2020	10/26/2020	10/26/2020
	Unit	µg/m^3	µg/m^3	µg/m^3
	Dilution Factor	100	12.5	130.2
Compound	**NYSDOH Matrix Value**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NR	13.6 U	142 U
1,1,2,2-Tetrachloroethane	NS	NR	17.2 U	179 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NR	19.2 U	199 U
1,1,2-Trichloroethane	NS	NR	13.6 U	142 U
1,1-Dichloroethane	NS	NR	10.1 U	105 U
1,1-Dichloroethene	60	NR	9.91 U	103 U
1,2,4-Trichlorobenzene	NS	NR	18.6 U	193 U
1,2,4-Trimethylbenzene	NS	NR	12.3 U	128 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NR	19.2 U	200 U
1,2-Dichlorobenzene	NS	NR	15 U	156 U
1,2-Dichloroethane	NS	NR	10.1 U	105 U
1,2-Dichloropropane	NS	NR	11.6 U	120 U
1,2-Dichlorotetrafluoroethane	NS	NR	17.5 U	182 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NR	12.3 U	128 U
1,3-Butadiene	NS	NR	5.53 U	57.5 U
1,3-Dichlorobenzene	NS	NR	15 U	156 U
1,4-Dichlorobenzene	NS	NR	15 U	156 U
2,2,4-Trimethylpentane	NS	NR	11.7 U	121 U
2-Chlorotoluene	NS	NR	NR	NR
2-Hexanone	NS	NR	10.2 U	107 U
4-Ethyltoluene	NS	NR	12.3 U	128 U
Acetone	NS	NR	46.6	309 U
Allyl Chloride (3-Chloropropene)	NS	NR	7.83 U	81.4 U
Benzene	NS	NR	7.99 U	83.1 U
Benzyl Chloride	NS	NR	12.9 U	135 U
Bromodichloromethane	NS	NR	16.7 U	174 U
Bromoform	NS	NR	25.8 U	269 U
Bromomethane	NS	NR	9.71 U	101 U
Butane	NS	NR	NR	NR
Carbon Disulfide	NS	NR	7.79 U	81 U
Carbon Tetrachloride	60	NR	48.8	164 U
Chlorobenzene	NS	NR	11.5 U	120 U
Chlorodifluoromethane	NS	NR	NR	NR
Chloroethane	NS	NR	6.6 U	68.6 U
Chloroform	NS	NR	81.1	143
Chloromethane	NS	NR	5.16 U	53.7 U
Cis-1,2-Dichloroethylene	60	NR	9.91 U	103 U
Cis-1,3-Dichloropropene	NS	NR	11.3 U	118 U
Cyclohexane	NS	NR	8.61 U	89.5 U
Cymene	NS	NR	NR	NR
Dibromochloromethane	NS	NR	21.3 U	222 U
Dichlorodifluoromethane	NS	NR	12.4 U	129 U
Ethanol	NS	NR	118 U	1,230 U
Ethyl Acetate	NS	NR	22.5 U	235 U
Ethylbenzene	NS	NR	10.9 U	113 U
Hexachlorobutadiene	NS	NR	26.7 U	277 U
Isopropanol	NS	NR	15.4 U	160 U
Isopropylbenzene (Cumene)	NS	NR	NR	NR
M,P-Xylenes	NS	NR	21.7 U	226 U
Methyl Ethyl Ketone (2-Butanone)	NS	NR	18.4 U	192 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NR	25.6 U	267 U
Methyl Methacrylate	NS	NR	NR	NR
Methylene Chloride	1,000	NR	21.7 U	226 U
Naphthalene	NS	NR	NR	NR
N-Butylbenzene	NS	NR	NR	NR
N-Heptane	NS	NR	10.2 U	107 U
N-Hexane	NS	NR	8.81 U	91.6 U
N-Propylbenzene	NS	NR	NR	NR
O-Xylene (1,2-Dimethylbenzene)	NS	NR	10.9 U	113 U
Sec-Butylbenzene	NS	NR	NR	NR
Styrene	NS	NR	10.6 U	111 U
T-Butylbenzene	NS	NR	NR	NR
Tert-Butyl Alcohol	NS	NR	18.9 U	197 U
Tert-Butyl Methyl Ether	NS	NR	9.01 U	93.7 U
Tetrachloroethylene (PCE)	**1,000**	**14,000 D**	**4,200**	**54,300**
Tetrahydrofuran	NS	NR	18.4 U	192 U
Toluene	NS	NR	82.2	103
Trans-1,2-Dichloroethene	NS	NR	9.91 U	103 U
Trans-1,3-Dichloropropene	NS	NR	11.3 U	118 U
Trichloroethylene (TCE)	**60**	NR	**113**	**507**
Trichlorofluoromethane	NS	NR	14 U	146 U
Vinyl Bromide	NS	NR	10.9 U	114 U
Vinyl Chloride	60	NR	6.39 U	66.5 U

Table 8
Indoor and Ambient Air Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	AKRF Sample ID	AA_20201023	IA-09_20201023	IA-10_20201023
	Laboratory Sample ID	L2046322-08	L2046322-01	L2046322-02
	Date Sampled	10/23/2020	10/23/2020	10/23/2020
	Dilution Factor	1	1	1
	Unit	µg/m^3	µg/m^3	µg/m^3
Compound	**NYSDOH AGVs**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NS	0.109 U	0.998	0.256
1,1,2,2-Tetrachloroethane	NS	1.37 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	1.53 U	1.53 U	1.53 U
1,1,2-Trichloroethane	NS	1.09 U	1.09 U	1.09 U
1,1-Dichloroethane	NS	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene	NS	0.079 U	0.079 U	0.079 U
1,2,4-Trichlorobenzene	NS	1.48 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	NS	0.983 U	1.92	1.96
1,2-Dibromoethane (Ethylene Dibromide)	NS	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	0.809 U	0.809 U	0.809 U
1,2-Dichloropropane	NS	0.924 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	0.983 U	0.983 U	0.983 U
1,3-Butadiene	NS	0.442 U	0.442 U	0.442 U
1,3-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NS	1.88	1.78	1.91
2-Hexanone	NS	0.82 U	0.82 U	0.82 U
4-Ethyltoluene	NS	0.983 U	0.983 U	0.983 U
Acetone	NS	10.6	22.8	24.2
Allyl Chloride (3-Chloropropene)	NS	0.626 U	0.626 U	0.626 U
Benzene	NS	0.821	0.879	0.872
Benzyl Chloride	NS	1.04 U	1.04 U	1.04 U
Bromodichloromethane	NS	1.34 U	1.34 U	1.34 U
Bromoform	NS	2.07 U	2.07 U	2.07 U
Bromomethane	NS	0.777 U	0.777 U	0.777 U
Carbon Disulfide	NS	0.623 U	0.623 U	0.623 U
Carbon Tetrachloride	NS	0.44	0.447	0.484
Chlorobenzene	NS	0.921 U	0.921 U	0.921 U
Chloroethane	NS	0.528 U	0.528 U	0.528 U
Chloroform	NS	0.977 U	0.977 U	0.977 U
Chloromethane	NS	0.948	0.993	1.03
Cis-1,2-Dichloroethylene	NS	0.079 U	0.079 U	0.079 U
Cis-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U
Cyclohexane	NS	0.688 U	0.688 U	0.688 U
Dibromochloromethane	NS	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	2.34	2.34	2.35
Dichloroethylenes	NS	0.079 U	0.079 U	0.079 U
Ethanol	NS	13.9	42.8	54.3
Ethyl Acetate	NS	1.8 U	1.8 U	1.8 U
Ethylbenzene	NS	0.869 U	1.89	1.99
Isopropanol	NS	1.75	3.96	3.81
M,P-Xylenes	NS	2.79	6.3	6.34
Methyl Ethyl Ketone (2-Butanone)	NS	2.57	3.48	3.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	2.05 U	2.05 U	2.05 U
Methylene Chloride	60	22.4	16.2	23.8
N-Heptane	NS	1.26	1.27	1.43
N-Hexane	NS	1.72	1.65	1.67
O-Xylene (1,2-Dimethylbenzene)	NS	0.986	2.8	2.97
Styrene	NS	0.852 U	1.53	2.03
Tert-Butyl Alcohol	NS	1.52 U	1.52 U	1.52 U
Tert-Butyl Methyl Ether	NS	0.721 U	0.721 U	0.721 U
Tetrachloroethylene (PCE)	30	6.2	3.94	4.9
Tetrahydrofuran	NS	1.47 U	1.47 U	1.47 U
Toluene	NS	6.18	15.2	17.7
Total, 1,3-Dichloropropene (Cis And Trans)	NS	0.908 U	0.908 U	0.908 U
Trans-1,2-Dichloroethene	NS	0.793 U	0.793 U	0.793 U
Trans-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U
Trichloroethylene (TCE)	2	0.107 U	0.107 U	0.107 U
Trichlorofluoromethane	NS	1.12 U	1.12 U	1.12 U
Vinyl Bromide	NS	0.874 U	0.874 U	0.874 U
Vinyl Chloride	NS	0.051 U	0.051 U	0.051 U
Xylenes, Total	NS	3.77	9.08	9.3

Table 8
Indoor and Ambient Air Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	AKRF Sample ID	IA-13_20201023	IA-16_20201023	IA-18_20201023
	Laboratory Sample ID	L2046322-03	L2046322-04	L2046322-05
	Date Sampled	10/23/2020	10/23/2020	10/23/2020
	Dilution Factor	1	1	1
	Unit	µg/m^3	µg/m^3	µg/m^3
Compound	**NYSDOH AGVs**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NS	0.12	0.109 U	0.109 U
1,1,2,2-Tetrachloroethane	NS	1.37 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	1.53 U	1.53 U	1.53 U
1,1,2-Trichloroethane	NS	1.09 U	1.09 U	1.09 U
1,1-Dichloroethane	NS	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene	NS	0.079 U	0.079 U	0.079 U
1,2,4-Trichlorobenzene	NS	1.48 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	NS	1.67	2.28	23.5
1,2-Dibromoethane (Ethylene Dibromide)	NS	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	0.809 U	0.809 U	0.809 U
1,2-Dichloropropane	NS	0.924 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	0.983 U	0.983 U	6.15
1,3-Butadiene	NS	0.442 U	0.442 U	0.706
1,3-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NS	1.92	2.22	33
2-Hexanone	NS	0.82 U	0.857	0.82 U
4-Ethyltoluene	NS	0.983 U	0.983 U	4.26
Acetone	NS	23.4	27.3	54.9
Allyl Chloride (3-Chloropropene)	NS	0.626 U	0.626 U	0.626 U
Benzene	NS	0.866	1.05	14.5
Benzyl Chloride	NS	1.04 U	1.04 U	1.04 U
Bromodichloromethane	NS	1.34 U	1.34 U	1.34 U
Bromoform	NS	2.07 U	2.07 U	2.07 U
Bromomethane	NS	0.777 U	0.777 U	0.777 U
Carbon Disulfide	NS	0.623 U	0.623 U	0.623 U
Carbon Tetrachloride	NS	0.472	0.465	0.434
Chlorobenzene	NS	0.921 U	0.921 U	0.921 U
Chloroethane	NS	0.528 U	0.528 U	0.528 U
Chloroform	NS	0.977 U	1.68	1.16
Chloromethane	NS	1.03	1.03	1.11
Cis-1,2-Dichloroethylene	NS	0.079 U	0.079 U	0.079 U
Cis-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U
Cyclohexane	NS	0.688 U	0.688 U	17.6
Dibromochloromethane	NS	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	2.35	2.35	2.17
Dichloroethylenes	NS	0.079 U	0.079 U	0.079 U
Ethanol	NS	61.2	144	377
Ethyl Acetate	NS	1.8 U	1.8 U	5.01
Ethylbenzene	NS	2.12	1.74	11.6
Isopropanol	NS	3.69	6.12	46.9
M,P-Xylenes	NS	6.52	7.34	44.7
Methyl Ethyl Ketone (2-Butanone)	NS	4.34	4.84	8.55
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	2.05 U	2.05 U	2.43
Methylene Chloride	60	23.3	21.4	80.9
N-Heptane	NS	1.4	1.42	24.1
N-Hexane	NS	1.76	2.33	55.7
O-Xylene (1,2-Dimethylbenzene)	NS	3.07	2.8	16.8
Styrene	NS	2.2	0.852 U	1.17
Tert-Butyl Alcohol	NS	1.52 U	1.52 U	2.95
Tert-Butyl Methyl Ether	NS	0.721 U	0.721 U	0.721 U
Tetrachloroethylene (PCE)	30	6.33	7.26	123
Tetrahydrofuran	NS	1.47 U	1.47 U	9.11
Toluene	NS	15.5	8.52	62.6
Total, 1,3-Dichloropropene (Cis And Trans)	NS	0.908 U	0.908 U	0.908 U
Trans-1,2-Dichloroethene	NS	0.793 U	0.793 U	0.793 U
Trans-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U
Trichloroethylene (TCE)	2	0.129	0.21	0.29
Trichlorofluoromethane	NS	1.12 U	1.12 U	1.12 U
Vinyl Bromide	NS	0.874 U	0.874 U	0.874 U
Vinyl Chloride	NS	0.051 U	0.051 U	0.051 U
Xylenes, Total	NS	9.6	10.2	61.7

Table 8
Indoor and Ambient Air Analytical Results for VOCs
Phase II Environmental Site Assessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

	AKRF Sample ID	IA-19_20201023	IA-20_20201023
	Laboratory Sample ID	L2046322-06	L2046322-07
	Date Sampled	10/23/2020	10/23/2020
	Dilution Factor	1	1
	Unit	µg/m^3	µg/m^3
Compound	**NYSDOH AGVs**	CONC Q	CONC Q
1,1,1-Trichloroethane	NS	0.115	0.109 U
1,1,2,2-Tetrachloroethane	NS	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	1.53 U	1.53 U
1,1,2-Trichloroethane	NS	1.09 U	1.09 U
1,1-Dichloroethane	NS	0.809 U	0.809 U
1,1-Dichloroethene	NS	0.079 U	0.079 U
1,2,4-Trichlorobenzene	NS	1.48 U	1.48 U
1,2,4-Trimethylbenzene	NS	2.05	5.11
1,2-Dibromoethane (Ethylene Dibromide)	NS	1.54 U	1.54 U
1,2-Dichlorobenzene	NS	1.2 U	1.2 U
1,2-Dichloroethane	NS	0.809 U	0.809 U
1,2-Dichloropropane	NS	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	0.983 U	1.58
1,3-Butadiene	NS	0.442 U	0.442 U
1,3-Dichlorobenzene	NS	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U
2,2,4-Trimethylpentane	NS	2.18	6.96
2-Hexanone	NS	0.82 U	0.82 U
4-Ethyltoluene	NS	0.983 U	0.983 U
Acetone	NS	28.3	26.8
Allyl Chloride (3-Chloropropene)	NS	0.626 U	0.626 U
Benzene	NS	0.955	1.95
Benzyl Chloride	NS	1.04 U	1.04 U
Bromodichloromethane	NS	1.34 U	1.34 U
Bromoform	NS	2.07 U	2.07 U
Bromomethane	NS	0.777 U	0.777 U
Carbon Disulfide	NS	0.623 U	0.623 U
Carbon Tetrachloride	NS	0.459	0.434
Chlorobenzene	NS	0.921 U	0.921 U
Chloroethane	NS	0.528 U	0.528 U
Chloroform	NS	0.977 U	0.977 U
Chloromethane	NS	1.04	1.22
Cis-1,2-Dichloroethylene	NS	0.079 U	0.079 U
Cis-1,3-Dichloropropene	NS	0.908 U	0.908 U
Cyclohexane	NS	0.688 U	2.07
Dibromochloromethane	NS	1.7 U	1.7 U
Dichlorodifluoromethane	NS	2.29	2.25
Dichloroethylenes	NS	0.079 U	0.079 U
Ethanol	NS	95.3	36.9
Ethyl Acetate	NS	1.8 U	3.38
Ethylbenzene	NS	2.17	2.2
Isopropanol	NS	4.03	2.93
M,P-Xylenes	NS	6.99	7.86
Methyl Ethyl Ketone (2-Butanone)	NS	4.22	3.21
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	2.05 U	2.05 U
Methylene Chloride	60	24.6	129
N-Heptane	NS	1.64	4.84
N-Hexane	NS	1.78	5.71
O-Xylene (1,2-Dimethylbenzene)	NS	3.21	3.31
Styrene	NS	2.08	1.78
Tert-Butyl Alcohol	NS	1.52 U	1.52 U
Tert-Butyl Methyl Ether	NS	0.721 U	0.721 U
Tetrachloroethylene (PCE)	30	7.73	9.9
Tetrahydrofuran	NS	1.47 U	1.47 U
Toluene	NS	16.2	16.6
Total, 1,3-Dichloropropene (Cis And Trans)	NS	0.908 U	0.908 U
Trans-1,2-Dichloroethene	NS	0.793 U	0.793 U
Trans-1,3-Dichloropropene	NS	0.908 U	0.908 U
Trichloroethylene (TCE)	2	0.15	0.107 U
Trichlorofluoromethane	NS	1.12 U	1.12 U
Vinyl Bromide	NS	0.874 U	0.874 U
Vinyl Chloride	NS	0.051 U	0.051 U
Xylenes, Total	NS	10.2	11.2

Tables 1-8
Notes
Phase II Environmental Site Asessment
95-04 95-25 149th St. and 95-08 95-12 150th St.
Queens, NY

DEFINITIONS

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

J : The concentration given is an estimated value.

ND : The standard is a non-detectable concentration by the approved analytical method.

NR : Not reported.

NS : No standard.

T : Indicates that a quality control parameter has exceeded laboratory limits.

U : The analyte was not detected at the indicated concentration.

mg/kg : milligrams per kilogram

µg/L : micrograms per Liter

µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted in gray shading.
Exceedances of Part 375 Commercial Soil Cleanup Objectives (CSCOs) are highlighted with an underline.

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

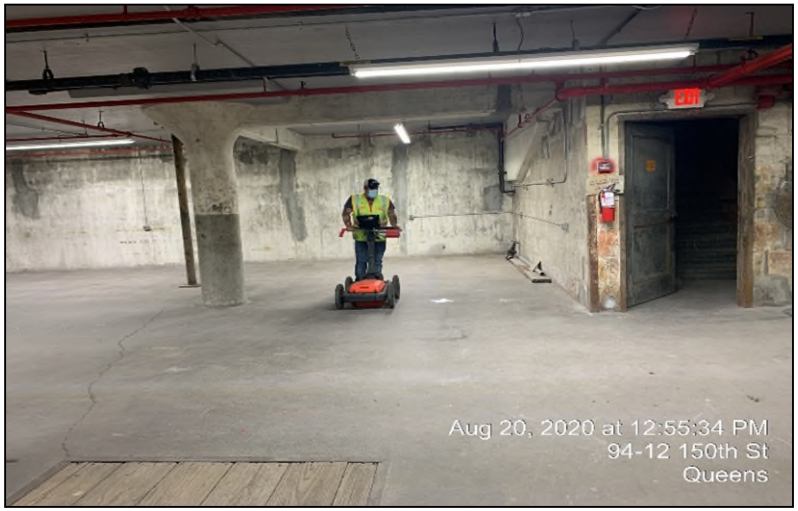
Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

NYSDOH Soil Vapor Intrusion Air Guidance Value : New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (“NYSDOH Vapor Intrusion Guidance Document”), updated September 2013 for change of AGV for PCE, August 2015 for TCE, and May 2017 for NYSDOH Matrices A, B, and C for PCE, TCE, c1,2-DCE, 1,1-DCE, carbon tetrachloride, 1,1,1-TCA, methylene chloride, and vinyl chloride. The matrix values listed are the sub-slab soil vapor concentration where mitigation is recommended regardless of the indoor air concentration.

Exceedances of NYSDOH Matrix Values are highlighted in bold font.
Exceedances of NYSDOH AGVs are highlighted in gray shading.

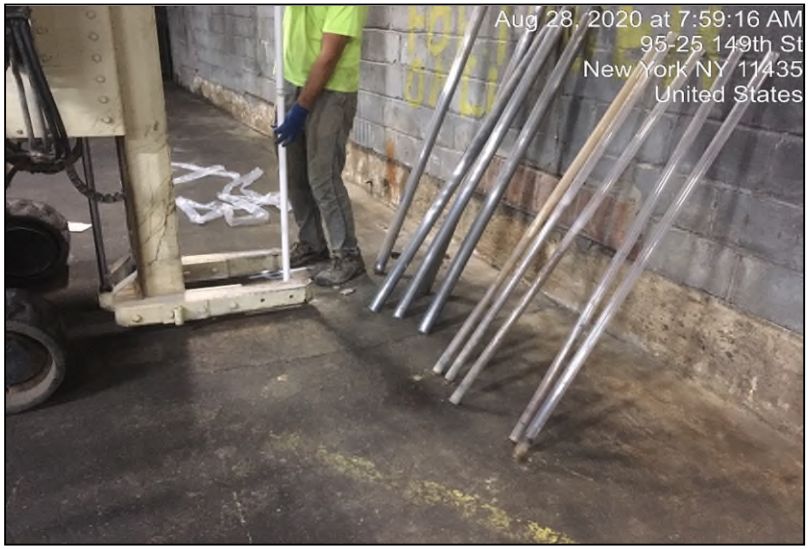
APPENDIX A

PHOTOGRAPHIC LOG



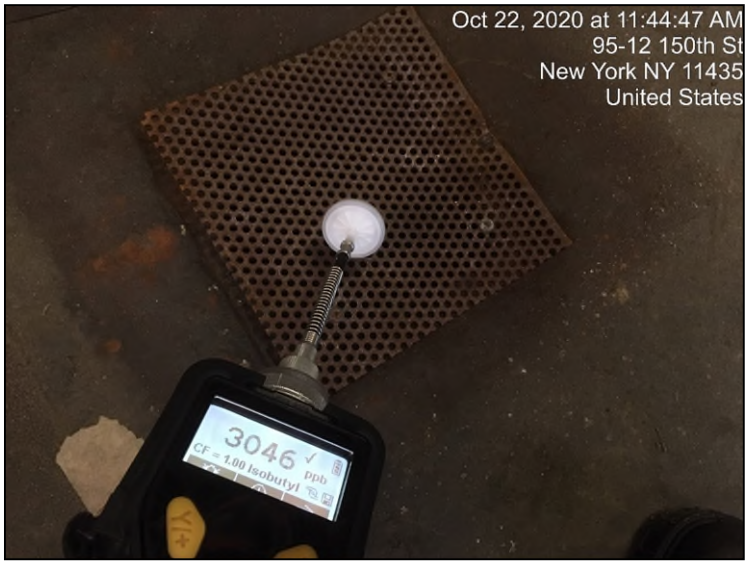
Photograph 1: Geophysical survey being conducted at 95-25 149th Street to identify potential utilities prior to commencing the subsurface testing program.

Photograph 2: Soil cores obtained from the Geoprobe at boring location SB-12.



Photograph 3: Installing 1-inch PVC temporary monitoring well at location TW-13.

Photograph 4: Purging soil vapor point prior to sampling.

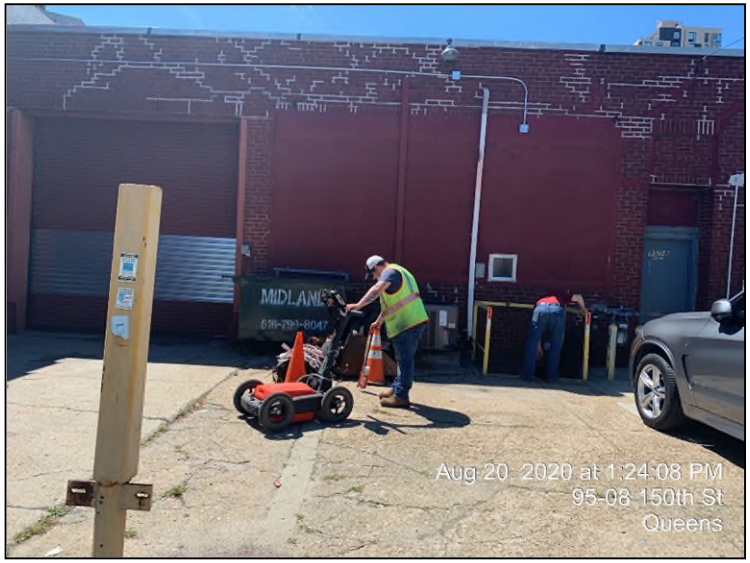


Photograph 5: Pre-screening floor drains at 95-08 150th Street for VOCs with PPB Rae.

Photograph 6: Indoor air sample IA-19.

Photograph 7: Collection of soil vapor sample SV-19.

Photograph 8: Restoration of floor with concrete after installation of temporary vapor point.



Photograph 9: GPR and exterior view of 95-08 150th Street.

Photograph 10: GPR and interior view of 95-08 150th Street.

Photograph 11: Exterior view of loading dock of 95-12 150th Street.

Photograph 12: Interior view of northern section of 95-12 150th Street.

APPENDIX B

GEOPHYSICAL INVESTIGATION REPORT

GEOPHYSICAL INVESTIGATION REPORT

PERFORMED AT:

95-04 & 95-25 149th Street
95-08 & 95-12 150th Street
Queens, NY 11435

PREPARED FOR:

Steve Grens
AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

PREPARED BY:

John Rango
Geophysical Technician
Enviroprobe Service, Inc.
81 Marter Avenue
Mount Laurel, NJ 08054
Phone: (856) 858-8584
Toll Free: (800) 596-7472

August 20, 2020

1.0 INTRODUCTION

Enviroprobe Service, Inc. (Enviroprobe) is an environmental investigation services firm which provides monitoring well installation (HSA), Geoprobe (DPT) drilling services and Environmental & Engineering Geophysics (EEG) services to the environmental consulting and engineering community.

Enviroprobe conducted a subsurface geophysical investigation at the subject property within client-specified areas of concern. Due to conditions and objectives, the investigation utilized a GSSI UtilityScan cart-mounted ground penetrating radar (GPR) unit with a 350 MHz antenna, a Fisher TW-6 metallic locator, a Radiodetection multi-frequency transmitter, and a Radiodetection receiver.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 2,000 MHz) to acquire subsurface information. An EM wave is propagated downward into the ground by a transmitting antenna. Where abrupt changes in electrical properties occur in the subsurface, a portion of the energy is reflected back to the surface. This reflected wave is detected by a receiver antenna and transmitted to a control unit for real time processing and display. The penetration depth of the GPR unit varies from several inches to tens of feet according to site-specific conditions. The penetration depth decreases with increased soil conductivity. The penetration depth is the greatest in ice, dry sands, and fine gravels. Clayey, highly saline or saturated soils, areas covered by concrete, foundry slag, or other highly conductive materials greatly reduce GPR penetration. GPR is a method that is commonly used for environmental, engineering, archaeological, and other shallow investigations.

The Fisher TW-6 metallic locator is designed to find pipes, cables and other metallic objects such as underground storage tanks (USTs). The TW-6 transmitter generates an electromagnetic field that induces electrical currents in the subsurface. These currents produce a secondary electromagnetic field that is measured by the TW-6 receiver. One surveyor can carry both the transmitter and receiver together to search for underground metallic objects, although the TW-6 response can also be affected by the electrical properties of non-metallic materials in the subsurface.

The Radiodetection (RD) transmitter and receiver are commonly used for pipe and cable locating. The multi-frequency transmitter can be directly connected, clamped, or used to induce a signal in a target line while the multi-frequency receiver is used to measure the signal from energized lines.

2.0 SCOPE OF WORK

On August 20, 2020, a geophysical technician from Enviroprobe Service Inc. was mobilized to the subject property to perform a geophysical investigation. The purpose of

the investigation was to detect possible USTs, designate underground conduits/utilities, and clear proposed boring locations inside and outside of active warehouses. The ground surface of the survey area consisted of concrete and asphalt surfaces.

3.0 SURVEY RESULTS

The utility survey was conducted using a cart-mounted GPR unit and a RD unit. The RD unit was used to trace common utilities from sources in and around the survey area. The RD receiver was also used in the passive mode to search for live underground electrical power cables and other utilities emitting 60Hz electromagnetic signals. When possible, the location of utilities was confirmed with the GPR. The GPR survey was also performed in a grid pattern in at least two orthogonal directions to search for evident and non-evident underground utilities. Linear anomalies consistent with underground utilities were designated on site with spray paint using the following colors: blue – water, red – electric, green – sanitary sewer, and pink – unknown utilities.

Figure 1: Area of former UST in warehouse area.

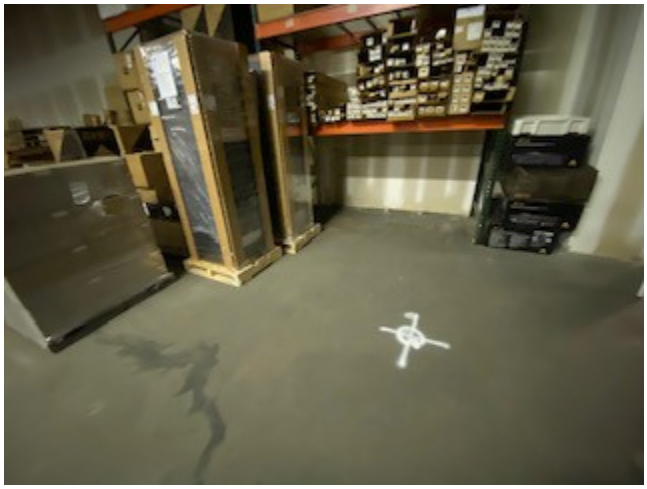


Figure 2: Proosed boring location.

Figure 3: Proposed boring location.

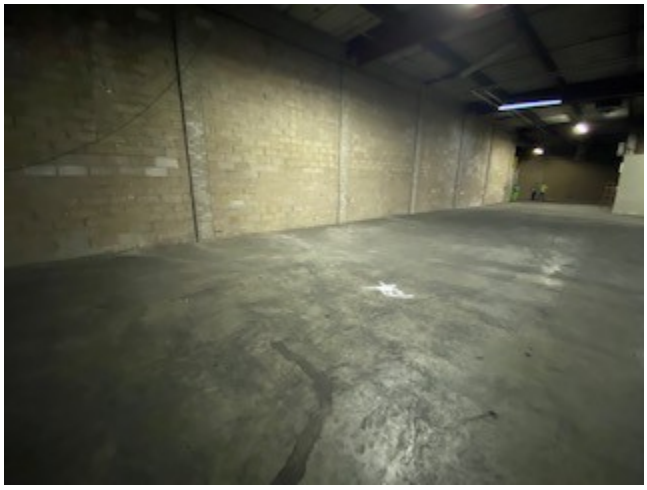


Figure 4: Proposed boring location.

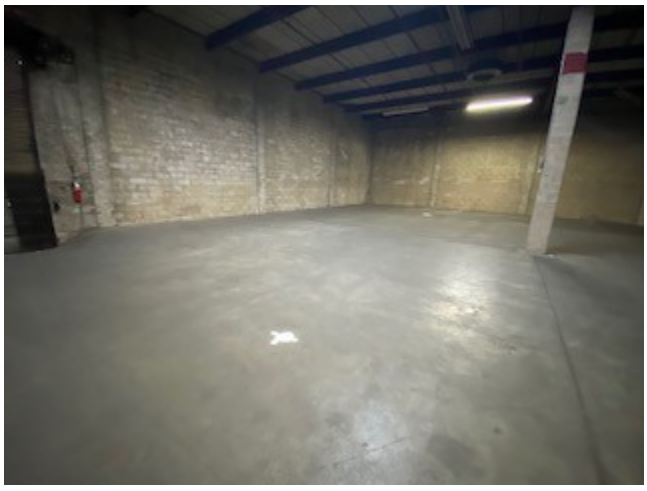


Figure 5: Proposed boring location.

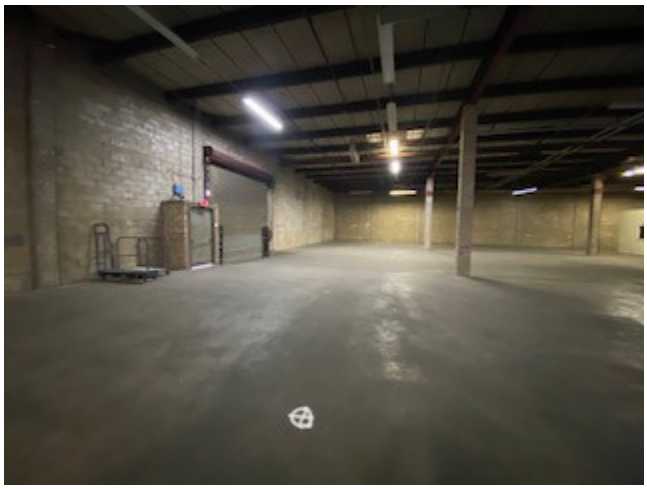


Figure 6: Proposed boring location.

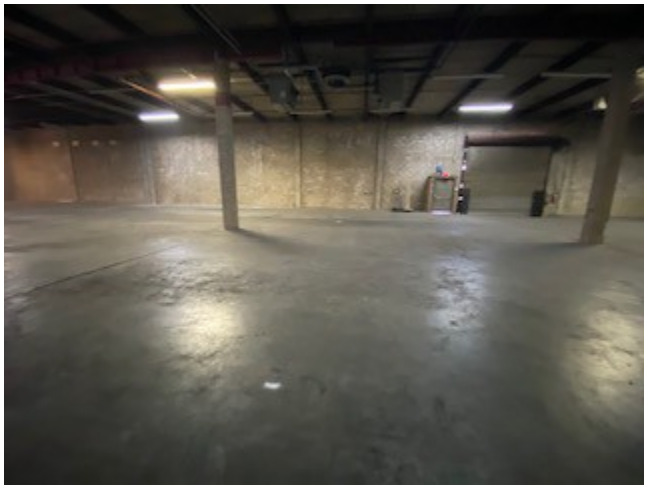


Figure 7: Proposed boring location.

Figure 8: Proposed boring location.

Figure 9: Unknown utilities.

Figure 10: Proposed boring location.

Figure 11: Proposed boring location.

Figure 12: Proposed boring location and storm drain line in loading dock area.

Figure 13 Proposed boring location.

Figure 14: Water line in driveway area.

Figure 15: Water, sewer, and return lines in driveway area.

Figure 16: Return lines for steam and proposed boring location.

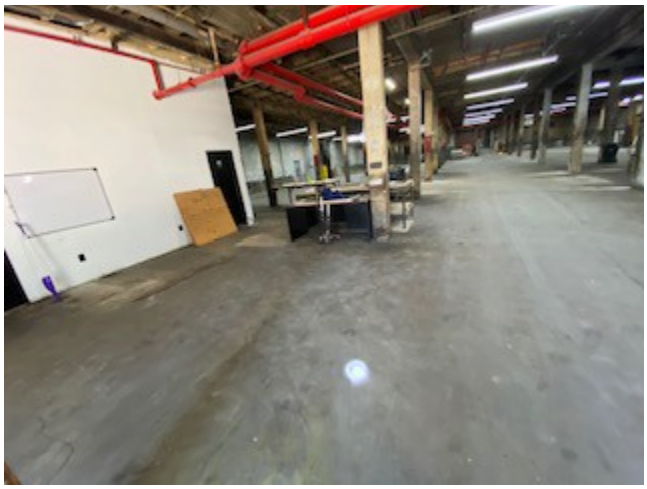


Figure 17: Proposed boring location.

Figure 18: Proposed boring location.

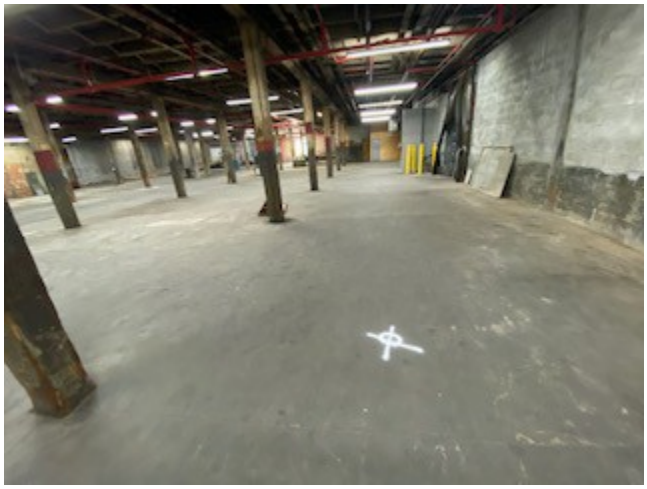


Figure 19: Proposed boring location.

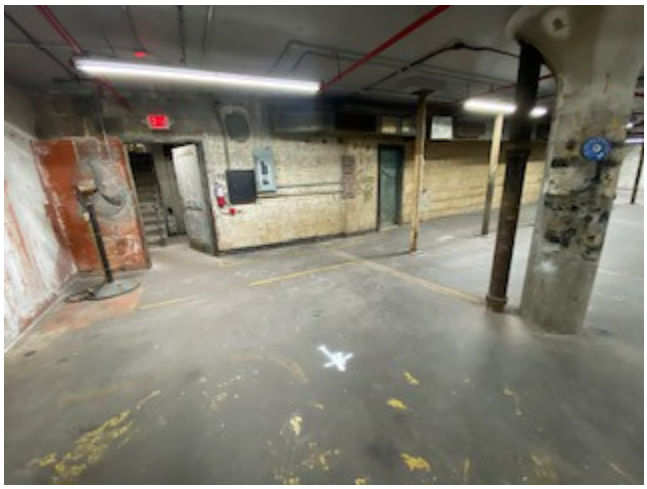


Figure 20: Proposed boring location.

Figure 21: Proposed boring location.

The GPR and TW-6 were used in a grid pattern over all client specified areas of the site. Based on the results of the GPR and TW-6 surveys, no metallic anomalies were detected on site. One area of former excavation was detected in the warehouse area housing a music supply facility.

Client-selected proposed boring locations were investigated with the GPR, TW-6, and RD receiver. When possible, an area of approximately 10 ft by 10 ft surrounding each location was scanned. In some cases, obstructions prevented an investigation of the entire 10 ft by 10 ft area.

4.0 LIMITATIONS

Due to surface conditions and subsurface content, the GPR penetration depth was estimated as about 3 feet in the majority of the survey area.

Due to the dielectric properties of the subsurface, plastic polymer and fiberglass utilities may not have been detected.

The underground utility survey was conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B).

5.0 WARRANTIES

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. Enviroprobe Service, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods. There is a possibility that conditions may

exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

Enviroprobe represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by environmental consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

Enviroprobe Service, Inc. believes that the information provided in this report is reliable. However, Enviroprobe cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating and/or drilling around underground structures and utilities since GPR data can only be used for estimation purposes and GPR data is subject to misinterpretation. Enviroprobe can not guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, or excavating activities.

This report was prepared pursuant to the contract Enviroprobe has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Enviroprobe and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between Enviroprobe and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Enviroprobe.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Enviroprobe contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

APPENDIX C
FIELD SAMPLING LOGS

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 1 of 1	TW-09	Soil Boring ID:	SB-09

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	80°F, Sunny
Logged by:	J. Sulich, AKRF

Drilling
Start Time: 10:40 **Finish Time:** 12:00
Date: 8/25/2020

Depth (feet)	Well Construction	Surface Condition: Concrete	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		Locking J-plug above grade. Bentonite: 0' to 0.5' below grade	30	Top 4": CONCRETE. Bottom 26": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	SB-09_1-3_20200825
2		Sandpack filter: 0.5' to 22' below grade			ND	DRY	ND	ND	
3					ND	DRY	ND	ND	
4					ND	DRY	ND	ND	
5		1" PVC riser: 0' to 12' below grade	8	Brown SAND, some Gravel, trace Silt.	ND	DRY	ND	ND	
6					ND	DRY	ND	ND	
7					ND	DRY	ND	ND	
8					ND	DRY	ND	ND	
9					ND	DRY	ND	ND	
10			0	NO RECOVERY					
11									
12									
13		0.020-inch slotted 1" PVC well screen: 12' to 22' below grade							
14									
15			18	Brown coarse-SAND, little gravel, trace Silt.	ND	MOIST	ND	ND	
16					ND	MOIST	ND	ND	
17					ND	MOIST	ND	ND	
18		End cap: 22' below grade			ND	WET	ND	ND	
19					ND	WET	ND	ND	
20									

Notes: Groundwater Depth Indicator

Groundwater measured at 18 feet below grade in TW-09 on 08/28/2020.

Groundwater monitoring well installed to 22 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 18 feet below ground surface at SB-09.

End of soil boring at 20 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 1 of 2	TW-10	Soil Boring ID:	SB-10

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	75°F, Partrly Cloudy
Logged by:	J. Sulich, AKRF

Drilling

Start Time: 8:00 **Finish Time:** 8:55

Date: 8/27/2020

Surface Condition: Concrete

Locking J-plug above grade.

Bentonite: 0' to 0.5' below grade

Sandpack filter: 0.5' to 22' below grade

1" PVC riser: 0' to 15' below grade

0.020-inch slotted 1" PVC well screen: 15' to 25' below grade

Depth (feet)	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	60	Top 30": Brown SAND, little Gravel, trace Silt, Brick (FILL).	ND	DRY	ND	ND	SB-10_1-3_20200827
2			ND	DRY	ND	ND	
3		Bottom 30": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
4			ND	DRY	ND	ND	
5			ND	DRY	ND	ND	
6	34	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
7			ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10			ND	DRY	ND	ND	
11	23	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13			ND	DRY	ND	ND	
14			ND	DRY	ND	ND	
15			ND	DRY	ND	ND	
16	33	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	SB-10_17-19_20200827
17			ND	DRY	ND	ND	
18			ND	DRY	ND	ND	
19			ND	DRY	ND	ND	
20			ND	WET	ND	ND	

Notes: **Groundwater Depth Indicator**

Groundwater measured at 19 feet below grade in TW-10 on 08/28/2020.

Groundwater monitoring well installed to 25 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 19 feet below ground surface at SB-10.

End of soil boring at 25 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 2 of 2	TW-10	Soil Boring ID:	SB-10

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	75°F, Partrly Cloudy
Logged by:	J. Sulich, AKRF

Drilling
Start Time: 8:00 **Finish Time:** 8:55
Date: 8/27/2020

Surface Condition: Concrete

Depth (feet)	Well Construction	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21		21	Brown SAND, little Gravel, trace Silt.	ND	WET	ND	ND	
22				ND	WET	ND	ND	
23				ND	WET	ND	ND	
24				ND	WET	ND	ND	
25	End cap: 25' below grade			ND	WET	ND	ND	

Notes: Groundwater Depth Indicator

Groundwater measured at 19 feet below grade in TW-04 on 08/27/2020.

Groundwater monitoring well installed to 25 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 19 feet below ground surface at SB-04.

End of soil boring at 25 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets **Queens, New York**

AKRF Project Number: 200278

Soil Boring ID: **SB-11**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Track-Mounted Direct Push Probe
Sampling Method:	5' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	75°F, Partly Cloudy
Logged By:	J. Sulich

Drilling

Start Time: 9:10 **Finish Time:** 10:00

Date: 8/28/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 5": CONCRETE	ND	DRY	ND	ND	SB-11_3-5_20200828
2		Bottom 28": Brown SAND, some crushed Rock, little Gravel, trace Silt (FILL).	ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4			ND	DRY	ND	ND	
5			ND	DRY	ND	ND	
6	32	Top 12": Brown SAND, little Gravel, trace Silt (FILL).	ND	DRY	ND	ND	
7		Bottom 20": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10			ND	DRY	ND	ND	
11	19	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13			ND	DRY	ND	ND	
14			ND	DRY	ND	ND	
15			ND	DRY	ND	ND	
16	16	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
17			ND	DRY	ND	ND	
18			ND	MOIST	ND	ND	
19			ND	WET	ND	ND	
20			ND	WET	ND	ND	

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 18 feet below ground surface at SB-11.
End of soil boring at 25 feet below ground surface.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets, Queens, New York

AKRF Project Number: 200278

Soil Boring ID: **SB-11**

Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Track-Mounted Direct Push Probe
Sampling Method:	5' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	75°F, Partly Cloudy
Logged By:	J. Sulich

Drilling

Start Time: 9:10 **Finish Time:** 10:00

Date: 8/28/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	14	Brown SAND, little Gravel, trace Silt.	ND	WET	ND	ND	
22			ND	WET	ND	ND	
23			ND	WET	ND	ND	
24			ND	WET	ND	ND	
25			ND	WET	ND	ND	

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 18 feet below ground surface at SB-11.
End of soil boring at 25 feet below ground surface.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets, Queens, New York

AKRF Project Number: 200278

Soil Boring ID: SB-12

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Track-Mounted Direct Push Probe
Sampling Method:	5' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	75°F, Partly Cloudy
Logged By:	J. Sulich

Drilling

Start Time: 7:05 **Finish Time:** 7:35

Date: 8/28/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 23": Brown SAND, little Gravel, trace Silt (FILL).	ND	DRY	ND	ND	SB-12_0-2_20200828
		Bottom 6": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
2			ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4			ND	DRY	ND	ND	
5							
6	32	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
			ND	DRY	ND	ND	
7			ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10							
11	32	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
			ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13			ND	DRY	ND	ND	
14			ND	DRY	ND	ND	
15							
16	36	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
			ND	DRY	ND	ND	
17			ND	MOIST	ND	ND	
18			ND	WET	ND	ND	
19			ND	WET	ND	ND	
20							

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 18 feet below ground surface at SB-12.
End of soil boring at 25 feet below ground surface.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets **Queens, New York**

AKRF Project Number: 200278

Soil Boring ID: **SB-12**

Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Track-Mounted Direct Push Probe
Sampling Method:	5' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	75°F, Partly Cloudy
Logged By:	J. Sulich

Drilling

Start Time: 7:05 **Finish Time:** 7:35

Date: 8/28/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	29	Brown SAND, little Gravel, trace Silt.	ND	WET	ND	ND	
22			ND	WET	ND	ND	
23			ND	WET	ND	ND	
24			ND	WET	ND	ND	
25			ND	WET	ND	ND	

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 18 feet below ground surface at SB-12.
End of soil boring at 25 feet below ground surface.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 1 of 2	TW-13	Soil Boring ID:	SB-13

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	75°F, Partrly Cloudy
Logged by:	J. Sulich, AKRF

Drilling
Start Time: 7:40 **Finish Time:** 8:25
Date: 8/28/2020

Depth (feet)	Well Construction	Surface Condition: Concrete	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		**Locking J-plug above grade.**	33	Top 6": CONCRETE.	ND	DRY	ND	ND	SB-13_1-3_20200828
2				Next 4": BRICK & dark brown SAND, trace Gravel, Silt (FILL).	ND	DRY	ND	ND	
3		**Sandpack filter: 0' to 25' below grade**		Bottom 23": Brown SAND, little Gravel, trace Silt (FILL).	ND	DRY	ND	ND	
4		**1" PVC riser: 0' to 15' below grade**			ND	DRY	ND	ND	
5					ND	DRY	ND	ND	
6			33	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
7					ND	DRY	ND	ND	
8					ND	DRY	ND	ND	
9					ND	DRY	ND	ND	
10					ND	DRY	ND	ND	
11			32	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
12					ND	DRY	ND	ND	
13					ND	DRY	ND	ND	
14					ND	DRY	ND	ND	
15					ND	DRY	ND	ND	
16		**0.020-inch slotted 1" PVC well screen: 15' to 25' below grade**	22	Brown SAND, trace Gravel, Silt.	ND	DRY	ND	ND	SB-10_17-19_20200827
17					ND	DRY	ND	ND	
18					ND	DRY	ND	ND	
19					ND	DRY	ND	ND	
20					ND	WET	ND	ND	

Notes: **Groundwater Depth Indicator**

Groundwater measured at 18 feet below grade in TW-13 on 08/28/2020.

Groundwater monitoring well installed to 25 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 18 feet below ground surface at SB-13.

End of soil boring at 25 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 2 of 2	TW-13	Soil Boring ID:	SB-13

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	75°F, Partrly Cloudy
Logged by:	J. Sulich, AKRF

Drilling

Start Time: 7:40 **Finish Time:** 8:25

Date: 8/28/2020

Surface Condition: Concrete

Depth (feet)	Well Construction	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21		2	Brown SAND, little Gravel, trace Silt.	ND	WET	ND	ND	
22				ND	WET	ND	ND	
23				ND	WET	ND	ND	
24				ND	WET	ND	ND	
25	End cap: 25' below grade			ND	WET	ND	ND	

Notes: Groundwater Depth Indicator

Groundwater measured at 19 feet below grade in TW-04 on 08/27/2020.

Groundwater monitoring well installed to 25 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 19 feet below ground surface at SB-04.

End of soil boring at 25 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets, Queens, New York

AKRF Project Number: 200278

Soil Boring ID: **SB-14**

Sheet 1 of 2

AKRF

440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Track-Mounted Direct Push Probe
Sampling Method:	5' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	75°F, Partly Cloudy
Logged By:	J. Sulich

Drilling

Start Time: 8:30 **Finish Time:** 8:50

Date: 8/28/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 5": CONCRETE.	ND	DRY	ND	ND	SB-14_2-4_20200828
		Bottom 30": Dark brown SAND, little Gravel, trace Brick, Plaster, Silt (FILL).	ND	DRY	ND	ND	
2			ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4			ND	DRY	ND	ND	
5							
6	32	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
			ND	DRY	ND	ND	
7			ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10							
11	32	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
			ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13			ND	DRY	ND	ND	
14			ND	DRY	ND	ND	
15							
16	32	Brown SAND, trace Gravel, trace Silt.	ND	DRY	ND	ND	
			ND	DRY	ND	ND	
17			ND	MOIST	ND	ND	
18			ND	WET	ND	ND	
19			ND	WET	ND	ND	
20							

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 18 feet below ground surface at SB-14.
End of soil boring at 25 feet below ground surface.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets **Queens, New York**

AKRF Project Number: 200278

Soil Boring ID: **SB-14**

Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Track-Mounted Direct Push Probe
Sampling Method:	5' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	75°F, Partly Cloudy
Logged By:	J. Sulich

Drilling

Start Time: 8:30 **Finish Time:** 8:50

Date: 8/28/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	29	Brown SAND, trace Gravel, trace Silt.	ND	WET	ND	ND	
22			ND	WET	ND	ND	
23			ND	WET	ND	ND	
24			ND	WET	ND	ND	
25			ND	WET	ND	ND	

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 18 feet below ground surface at SB-14.
End of soil boring at 25 feet below ground surface.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets, Queens, New York

AKRF Project Number: 200278

Soil Boring ID: **SB-15**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Remote Access Direct Push Probe (420)
Sampling Method:	3' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	70°F, Sunny
Logged By:	J. Sulich

Drilling

Start Time: 7:35 **Finish Time:** 8:40

Date: 8/26/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	12	Light brown SAND, little Gravel, trace Silt (FILL).	ND	DRY	ND	ND	SB-15_0-2_20200826
2			ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4	22	Top 10": Light brown SAND, some Gravel, trace Silt (FILL).	ND	DRY	ND	ND	
5			ND	DRY	ND	ND	
6		Bottom 12": Light brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
7	12	Light brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10	34	Light brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
11			ND	MOIST	ND	ND	
12			ND	WET	ND	ND	
13	30	Brown SAND, little Gravel, trace Silt.	ND	WET	ND	ND	
14			ND	WET	ND	ND	
15			ND	WET	ND	ND	

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 11 feet below ground surface at SB-15.
End of soil boring at 15 feet below ground surface.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 1 of 1	TW-16	Soil Boring ID:	SB-16

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	3' Dual Tubes
Driller:	Coastal
Weather:	80°F, Sunny
Logged by:	J. Sulich, AKRF

Drilling

Start Time: 8:50 **Finish Time:** 10:25

Date: 8/26/2020

Surface Condition: Concrete

Locking J-plug above grade.

Sandpack filter: 0' to 15' below grade

1" PVC riser: 0' to 5' below grade

0.020-inch slotted 1" PVC well screen: 5' to 15' below grade

Depth (feet)	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Light brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	SB-16_1-3_20200825
2			ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4	24	Light brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
5			ND	DRY	ND	ND	
6			ND	DRY	ND	ND	
7	34	Light brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10	34	Top 17": Light brown SAND, little Gracel, trace Silt.	ND	DRY	ND	ND	
11		Bottom 17": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13	34	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
14			ND	DRY	ND	ND	
15			ND	DRY	ND	ND	

Notes: Groundwater Depth Indicator

Groundwater measured at 11 feet below grade in TW-16 on 08/28/2020

.Groundwater monitoring well installed to 15 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 11 feet below ground surface at SB-16.

End of soil boring at 15 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

149th & 150th Streets, Queens, New York

AKRF Project Number: 200278

Soil Boring ID: **SB-17**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Remote Access Direct Push Probe (420)
Sampling Method:	3' Dual Tubes
Driller:	Coastal Environmental Solutions, Inc.
Weather:	70°F, Sunny
Logged By:	J. Sulich

Drilling

Start Time: 11:10 **Finish Time:** 13:30

Date: 8/26/2020

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Dark brown SAND, some Gravel, trace Brick, Silt (FILL).	ND	DRY	ND	ND	SB-17_0-2_20200826
2			ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4	20	Top 8": Dark brown SAND, some Gravel, trace Brick, Silt (FILL).	ND	DRY	ND	ND	
5			ND	DRY	ND	ND	
6		Bottom 12": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
7	24	Brown coarse-SAND, little Gravel, trace Silt	ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10	24	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
11			ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13	30	Brown SAND, some Gravel, trace Silt.	ND	DRY	ND	ND	
14			ND	MOIST	ND	ND	
15			ND	MOIST	ND	ND	
16	30	Brown SAND, some Gravel, trace Silt.	ND	WET	ND	ND	
17			ND	WET	ND	ND	
18			ND	WET	ND	ND	

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.
Groundwater was encountered at approximately 15 feet below ground surface at SB-17.
End of soil boring at 18 feet below ground surface.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 1 of 2	TW-18	Soil Boring ID:	SB-18

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	75°F, Partrly Cloudy
Logged by:	J. Sulich, AKRF

Drilling

Start Time: 9:05 **Finish Time:** 9:40

Date: 8/28/2020

Surface Condition: Concrete

Locking J-plug above grade.

Bentonite: 0' to 0.5' below grade

Sandpack filter: 0.5' to 22' below grade

1" PVC riser: 0' to 15' below grade

0.020-inch slotted 1" PVC well screen: 15' to 25' below grade

Depth (feet)	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 3": CONCRETE.	ND	DRY	ND	ND	SB-18_3-5_20200828
2		Next 4": Dark brown SAND, little Brick, Gravel, trace Silt (FILL).	ND	DRY	ND	ND	
3			ND	DRY	ND	ND	
4		Bottom 3": Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
5			ND	DRY	ND	ND	
6	28	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
7			ND	DRY	ND	ND	
8			ND	DRY	ND	ND	
9			ND	DRY	ND	ND	
10			ND	DRY	ND	ND	
11	29	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	
12			ND	DRY	ND	ND	
13			ND	DRY	ND	ND	
14			ND	DRY	ND	ND	
15			ND	DRY	ND	ND	
16	13	Brown SAND, little Gravel, trace Silt.	ND	DRY	ND	ND	SB-18_16-18_20200828
17			ND	DRY	ND	ND	
18			ND	DRY	ND	ND	
19			ND	WET	ND	ND	
20			ND	WET	ND	ND	

Notes: **Groundwater Depth Indicator**

Groundwater measured at 18 feet below grade in TW-18 on 08/28/2020.

Groundwater monitoring well installed to 25 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 18 feet below ground surface at SB-18.

End of soil boring at 25 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	149th & 150th Streets Queens, New York AKRF Project Number: 200278	Groundwater Monitoring Well ID: Sheet 2 of 2	TW-18	Soil Boring ID:	SB-18

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' Dual Tubes
Driller:	Coastal
Weather:	75°F, Partrly Cloudy
Logged by:	J. Sulich, AKRF

Drilling
Start Time: 9:05 **Finish Time:** 9:40
Date: 8/28/2020

Surface Condition: Concrete

Depth (feet)	Well Construction	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21		8	Brown SAND, little Gravel, trace Silt.	ND	WET	ND	ND	
22				ND	WET	ND	ND	
23				ND	WET	ND	ND	
24				ND	WET	ND	ND	
25	End cap: 25' below grade			ND	WET	ND	ND	

Notes: Groundwater Depth Indicator

Groundwater measured at 18 feet below grade in TW-18 on 08/28/2020.

Groundwater monitoring well installed to 25 feet below grade.

Notes: Soil sample analyzed for VOCs, SVOCs, PCBs, TAL Metals, and Mercury.

Groundwater was encountered at approximately 18 feet below ground surface at SB-18.

End of soil boring at 25 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Well Sampling Log

Job No: 200278		**Client:** Empire	**Well No:** TW-09
Project Location: 149th & 150th Streets, Queens NY		**Sampled By:** J. Sulich	
Date: 8/28/2020		**Sampling Time:** 9:12	
LEL at surface: NA			
PID at surface: ND			
Total Depth:	22.75 ft. below top of casing	**Water Column (WC):** 6.54 feet	*= 0.163 * WC for 2" wells
Depth to Water:	16.21 ft. below top of casing	**Well Volume*:** 0.26 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND	ft. below top of casing	**Volume Purged:** 0.78 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	15 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	25 ft. below top of casing	**Purging Device (pump type):** 1" QED	
Approx. Pump Intake:	20 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:45	16.21	100	18.51	0.731	4.87	7.48	21	624	
8:50	16.21	100	18.92	9.760	3.82	7.47	25	105	
8:55	16.21	100	18.83	0.761	3.71	7.47	30	60.1	
9:00	16.21	100	18.90	0.757	3.73	7.45	39	34.0	
9:05	16.21	100	18.84	0.753	3.65	7.47	41	24.1	
9:10	16.21	100	18.85	0.750	3.67	7.47	41	20.7	
9:12	Sampling								
9:15	16.21	100	18.82	0.748	3.61	7.46	48	18.2	No odor or sheen noted on purge water.

Stabilization Criteria:	+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs & SVOCs

Well Sampling Log

Job No: 200278		**Client:** Empire	**Well No:** TW-10
Project Location: 149th & 150th Streets, Queens NY		**Sampled By:** J. Sulich	
Date: 8/28/2020		**Sampling Time:** 9:53	
LEL at surface: NA			
PID at surface: ND			
Total Depth:	25.06 ft. below top of casing	**Water Column (WC):** 5.17 feet	*= 0.163 * WC for 2" wells
Depth to Water:	19.83 ft. below top of casing	**Well Volume*:** 0.21 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND	ft. below top of casing	**Volume Purged:** 0.75 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	15 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	25 ft. below top of casing	**Purging Device (pump type):** 1" QED	
Approx. Pump Intake:	20 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
9:35	19.89	100	18.27	0.975	10.02	7.47	30	75.8	No odor or sheen noted on purge water.
9:40	19.89	100	18.26	0.972	3.75	7.47	27	29.3	
9:45	19.89	100	18.28	0.969	3.62	7.45	27	18.5	
9:50	19.89	100	18.30	0.962	3.51	7.44	24	9.9	
9:53	Sampling								
9:55	19.89	100	18.30	0.960	3.40	7.45	27	8.1	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs & SVOCs

Well Sampling Log

Job No: 200278		**Client:** Empire	**Well No:** TW-13
Project Location: 149th & 150th Streets, Queens NY		**Sampled By:** J. Sulich	
Date: 8/28/2020		**Sampling Time:** 12:37	
LEL at surface: NA			
PID at surface: ND			
Total Depth:	25.23 ft. below top of casing	**Water Column (WC):** 5.66 feet	*= 0.163 * WC for 2" wells
Depth to Water:	19.57 ft. below top of casing	**Well Volume*:** 0.23 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND	ft. below top of casing	**Volume Purged:** 0.75 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	15 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	25 ft. below top of casing	**Purging Device (pump type):** 1" QED	
Approx. Pump Intake:	20 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:10	19.57	100	17.76	1.020	4.90	7.35	-170	852	
12:15	19.57	100	17.78	1.020	4.68	7.36	-170	201	
12:20	19.57	100	17.78	1.020	4.30	7.35	-124	87.1	
12:25	19.57	100	17.77	1.010	4.18	7.35	-118	40.7	
12:30	19.57	100	17.77	1.020	4.07	7.36	-116	33.1	
12:35	19.57	100	17.77	1.020	4.07	7.35	-113	29.8	
12:37	Sampling								
12:40	19.57	100	17.77	1.020	4.07	7.35	-113	29.8	No odor or sheen noted on purge water.
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs & SVOCs

Well Sampling Log

Job No: 200278		**Client:** Empire	**Well No:** TW-16
Project Location: 149th & 150th Streets, Queens NY		**Sampled By:** J. Sulich	
Date: 8/28/2020		**Sampling Time:** 13:22	
LEL at surface: NA			
PID at surface: ND			
Total Depth:	14.92 ft. below top of casing	**Water Column (WC):** 3.47 feet	*= 0.163 * WC for 2" wells
Depth to Water:	11.45 ft. below top of casing	**Well Volume*:** 0.14 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND	ft. below top of casing	**Volume Purged:** 0.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	5 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	15 ft. below top of casing	**Purging Device (pump type):** 1" QED	
Approx. Pump Intake:	13 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:00	14.92	100	19.64	0.766	3.52	7.28	32	122	
13:05	14.92	100	19.68	0.766	3.53	7.25	37	90	
13:10	14.92	100	19.75	0.767	3.53	7.33	36	42.4	
13:15	14.92	100	19.71	0.769	3.51	7.34	42	40.8	
13:20	14.92	100	19.69	0.770	3.50	7.33	43	30.1	
13:22	Sampling								
13:25	14.92	100	19.64	0.772	3.48	7.32	45	22.9	
									No odor or sheen noted on purge water.
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs & SVOCs

Well Sampling Log

Job No: 200278		**Client:** Empire	**Well No:** TW-18
Project Location: 149th & 150th Streets, Queens NY		**Sampled By:** J. Sulich	
Date: 8/28/2020		**Sampling Time:** 8:07	
LEL at surface: NA			
PID at surface: 1.30			
Total Depth:	25.05 ft. below top of casing	**Water Column (WC):** 8.07 feet	*= 0.163 * WC for 2" wells
Depth to Water:	16.98 ft. below top of casing	**Well Volume*:** 0.32 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND	ft. below top of casing	**Volume Purged:** 1 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	15 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	25 ft. below top of casing	**Purging Device (pump type):** 1" QED	
Approx. Pump Intake:	20 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
7:25	16.98	100	18.85	1.900	4.59	7.66	-130	620	No odor or sheen noted on purge water.
7:30	16.98	100	19.44	1.910	4.22	7.62	-129	377	
7:35	16.98	100	18.98	1.940	4.37	7.57	-141	319	
7:40	16.98	100	19.15	1.960	4.20	7.59	-152	237.0	
7:45	16.98	100	18.91	1.980	4.12	7.60	-165	166	
7:50	16.98	100	18.85	1.980	3.99	7.59	-175	90.2	
7:55	16.98	100	18.88	1.970	3.74	7.58	-185	49.6	
8:00	16.98	100	18.92	1.960	3.66	7.57	-181	40.1	
8:05	16.98	100	18.89	1.94	3.52	7.57	-178	32.9	
8:07	Sampling								
8:10	16.98	100	18.93	1.97	3.41	7.54	-169	24.7	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs & SVOCs

Soil Vapor Sample Log

AKRF Project No:	200278	**Point Installed By:**	Coastal Environmental Solutions, Inc.
Project Location:	149th & 150th Streets	**Installation Method:**	DPP
Client:	Empire	**Sampled By:**	J. Sulich
Date:	8/27/2020	**Weather:**	75°F, Partly Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	21.5	ppm
			Helium Concentration:	0	%

Sample Identification

Soil Vapor Point ID:	SV-09	**SUMMA® Canister ID:**	5615
Flow Controller ID:	2929	**Soil Vapor Sample ID:**	Sv-09_20200827

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	8:55	-30.0	ND	
Time Halfway:	9:55	-18.0	ND	
Time Stopped:	10:55	-6.0	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	200278	**Point Installed By:**	Coastal Environmental Solutions, Inc.
Project Location:	149th & 150th Streets	**Installation Method:**	DPP
Client:	Empire	**Sampled By:**	J. Sulich
Date:	8/27/2020	**Weather:**	75°F, Partly Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	17.2	ppm
			Helium Concentration:	0	%

Sample Identification

Soil Vapor Point ID:	SV-10	**SUMMA® Canister ID:**	5454
Flow Controller ID:	4742	**Soil Vapor Sample ID:**	SV-10_20200827

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	9:20	-30.0	ND	
Time Halfway:	10:20	-21.0	ND	
Time Stopped:	11:20	-8.0	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	200278	**Point Installed By:**	Coastal Environmental Solutions, Inc.
Project Location:	149th & 150th Streets	**Installation Method:**	DPP
Client:	Empire	**Sampled By:**	J. Sulich
Date:	8/28/2020	**Weather:**	75°F, Partly Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	8.5	ppm
			Helium Concentration:	0	%

Sample Identification

Soil Vapor Point ID:	SV-13	**SUMMA® Canister ID:**	3151
Flow Controller ID:	6231	**Soil Vapor Sample ID:**	SV-13_0200828

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	11:05	-30.0	ND	
Time Halfway:	12:05	-18.0	ND	
Time Stopped:	13:08	-6.0	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	200278	**Point Installed By:**	Coastal Environmental Solutions, Inc.
Project Location:	149th & 150th Streets	**Installation Method:**	DPP
Client:	Empire	**Sampled By:**	J. Sulich
Date:	8/28/2020	**Weather:**	75°F, Partly Cloudy

Sample Setup

Vapor Point Depth:	24	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	4.5	ppm
			Helium Concentration:	0	%

Sample Identification

Soil Vapor Point ID:	SV-16	**SUMMA® Canister ID:**	2533
Flow Controller ID:	3118	**Soil Vapor Sample ID:**	SV-16_20200828

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	11:20	-28.0	ND	
Time Halfway:	12:30	-14.0	ND	
Time Stopped:	13:10	-6.0	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	200278	**Point Installed By:**	Coastal Environmental Solutions, Inc.
Project Location:	149th & 150th Streets	**Installation Method:**	DPP
Client:	Empire	**Sampled By:**	J. Sulich
Date:	8/28/2020	**Weather:**	75°F, Partly Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	7.0	ppm
			Helium Concentration:	0	%

Sample Identification

Soil Vapor Point ID:	SV-18	**SUMMA® Canister ID:**	5099
Flow Controller ID:	2668	**Soil Vapor Sample ID:**	SV-18_20200828

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	11:35	-26.0	ND	
Time Halfway:	12:35	-16.0	ND	
Time Stopped:	13:25	-5.0	ND	

Notes:	65°F, Cloudy
	ND = non-detect ppm = parts per million L/min = Liters per minute
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	200/278200350	**Point Installed By:**	Coastal Environmental Solutions, Inc.
Project Location:	149th & 150th Streets	**Installation Method:**	Hammer Drill
Client:	Radix	**Sampled By:**	J. Sulich
Date:	10/26/2020	**Weather:**	65°F, Cloudy

Sample Setup

Vapor Point Depth:	8	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	2.1	ppm
			Helium Concentration:	0	%

Sample Identification

Soil Vapor Point ID:	SV-19	**SUMMA® Canister ID:**	2703
Flow Controller ID:	0979	**Soil Vapor Sample ID:**	SV-19_20201026

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	8:06	-30.06	ND	
Time Halfway:	9:09	-17.42	ND	
Time Stopped:	10:14	-4.51	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	200278/200350		**Point Installed By:**	Coastal Environmental Solutions, Inc.	
Project Location:	149th & 150th Streets		**Installation Method:**	Hammer Drill	
Client:	Radix		**Sampled By:**	J. Sulich	
Date:	10/26/2020		**Weather:**	65°F, Cloudy	
Sample Setup					
Vapor Point Depth:	10	Inches	**Total Time of Purge:**	10 Minutes	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	2L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	4.8	ppm
			Helium Concentration:	0	%
Sample Identification					
Soil Vapor Point ID:	SV-20		**SUMMA® Canister ID:**	2923	
Flow Controller ID:	01100		**Soil Vapor Sample ID:**	SV-20_20201026	

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	8:26	-30.35	ND	
Time Halfway:	9:15	-20.26	ND	
Time Stopped:	10:29	-4.50	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Southwestern Building	**SUMMA® Canister ID:**	2713
Flow Controller ID:	01617	**Indoor Air Sample ID:**	IA-09-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:08**	**-30.40**	**ND**	**Near former fire**
Time:	**10:11**		**ND**	**Near former fire**
Time Halfway:	**13:11**	**-12.58**	**ND**	**Near former fire**
Time:	**14:04**		**ND**	**Near former fire**
Time Stopped:	**15:57**	**-5.35**	**ND**	**Near former fire**

Notes:			
	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Southeastern Building	**SUMMA® Canister ID:**	3270
Flow Controller ID:	0301	**Indoor Air Sample ID:**	IA-10-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:10**	**-30.28**	**ND**	**ND**
Time:	**10:08**		**ND**	**ND**
Time Halfway:	**13:10**	**-13.19**	**ND**	**ND**
Time:	**14:11**		**ND**	**ND**
Time Stopped:	**16:06**	**-6.19**	**ND**	**ND**

Notes:	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Western Building	**SUMMA® Canister ID:**	2813
Flow Controller ID:	0625	**Indoor Air Sample ID:**	IA-13-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:14**	**-30.24**	**ND**	**ND**
Time:	**10:07**		**ND**	**ND**
Time Halfway:	**13:10**	**-15.33**	**ND**	**ND**
Time:	**14:06**		**ND**	**ND**
Time Stopped:	**16:23**	**-7.04**	**ND**	**ND**

Notes:	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Northern Building	**SUMMA® Canister ID:**	2891
Flow Controller ID:	0676	**Indoor Air Sample ID:**	IA-16-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:19**	**-29.87**	**ND**	**ND**
Time:	**10:09**		**ND**	**ND**
Time Halfway:	**12:00**	**-10.90**	**ND**	**ND**
Time:				
Time Stopped:	**13:43**	**-4.45**	**ND**	**ND**

Notes:			
	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Northeastern Building	**SUMMA® Canister ID:**	1567
Flow Controller ID:	0775	**Indoor Air Sample ID:**	IA-18-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:25**	**-30.28**	**0.4**	**Attached garage has chemical closet and airflow through drain w/ 800ppb**
Time:	**9:24**		**0.4**	**See above**
Time Halfway:	**13:19**	**-13.31**	**0.4**	**See above**
Time:	**14:46**		**0.7**	**See above**
Time Stopped:	**15:42**	**-6.33**	**0.4**	**See above**

Notes:	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Western Building	**SUMMA® Canister ID:**	3348
Flow Controller ID:	01716	**Indoor Air Sample ID:**	IA-19-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:17**	**-30.30**	**ND**	**Nearby chemicals — all ND on PID**
Time:	**10:07**		**ND**	**Nearby chemicals — all ND on PID**
Time Halfway:	**13:20**	**-13.72**	**ND**	**Nearby chemicals — all ND on PID**
Time:	**14:05**		**ND**	**Nearby chemicals — all ND on PID**
Time Stopped:	**16:01**	**-5.79**	**ND**	**Nearby chemicals — all ND on PID**

Notes:			
	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Indoor Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Eastern Building	**SUMMA® Canister ID:**	1881
Flow Controller ID:	01665	**Indoor Air Sample ID:**	IA-20-20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:28**	**-30.67**	**ND**	**ND**
Time:	**9:26**		**ND**	**ND**
Time Halfway:	**13:16**	**-14.04**	**ND**	**ND**
Time:	**14:47**		**ND**	**ND**
Time Stopped:	**16:17**	**-6.29**	**ND**	**ND**

Notes:			
	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Indoor air sample IA-1-2017121 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

Ambient Air Sample Log

AKRF Project No:	149th & 150th Streets (Eastern Block)	**Client:**	Radix
Project Location:	Queens, NY	**Sampled By:**	John Sulich
Date:	10/23/2020		

Sample Setup

Sample Identification

On-Site Location:	Courtyard	**SUMMA® Canister ID:**	2004
Flow Controller ID:	01545	**Indoor Air Sample ID:**	AA_20201023

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	**7:21**	**-30.29**	**ND**	**ND**
Time:	**10:05**		**ND**	**ND**
Time Halfway:	**12:50**	**-16.02**	**ND**	**ND**
Time:	**14:10**		**ND**	**ND**
Time Stopped:	**16:11**	**-6.22**	**ND**	**ND**

Notes:	ND = non-detect	ppm = parts per million	L/min = Liters per minute
	Ambient air sample AA-1-20171221 collected in a 6-L SUMMA® canister using a 8-hour flow controller.		

APPENDIX D

PRE-SAMPLING QUESTIONNAIRE

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name JOHN SULICH Date/Time Prepared 10/22/20 10:00

Preparer's Affiliation AKRF Phone No. 203 517 7433

Purpose of Investigation PRE IAQ SURVEY

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: (Y) / N

Last Name: GROSSMAN First Name: JEFF

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: WAREHOUSE / GC

If the property is residential, type? (Circle appropriate response) NA

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) GENERAL CONTRACTOR

Does it include residences (i.e., multi-use)? Y (N) If yes, how many? NA

Other characteristics:

Number of floors 2 Building age N 20 YEARS

Is the building insulated? Y (N) How air tight? Tight / Average / (Not Tight)

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

STAIRWAYS

Airflow near source

CRACKS IN SLAB

Outdoor air infiltration

OPEN DOORS, HOLES IN WALLS,

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	(concrete)	stone	brick
b. Basement type:	(full)	crawlspace	(slab)	other ONLY NW CORNER
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	(uncovered)	covered	covered with _____	
e. Concrete floor:	(unsealed)	sealed	sealed with _____	
f. Foundation walls:	(poured)	(block)	stone	other _____
g. Foundation walls:	(unsealed)	sealed	sealed with _____	
h. The basement is:	wet	damp	(dry)	moldy
i. The basement is:	(finished)	unfinished	partially finished	
j. Sump present?	(Y) / N BY SOUTH WALL			
k. Water in sump?	Y (N) not applicable			

Basement/Lowest level depth below grade: NIO (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

CRACKS IN SLAB

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	(Hot water baseboard)	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: NATURAL GAS

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other _____
Air conditioning:	Central Air	(Window units)	(Open Windows)	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? (Full-time) Occasionally Seldom Almost Never

ONLY NE CORNER TENANT

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	NA
1st Floor	~~GENERAL~~ OFFICE
2nd Floor	NA
3rd Floor	NA
4th Floor	NA

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) N

b. Does the garage have a separate heating unit? Y / (N) NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) N / NA
Please specify TRUCK / FORKLIFT

d. Has the building ever had a fire? (Y) N When? SOUTH ANNEX

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? _____

f. Is there a workshop or hobby/craft area? (Y) N Where & Type? NW, SOUTH

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? (Y) N When & Type? HOUSEHOLD CLEANERS NIGHTLY

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? (Y) N Where & When? GARAGE 9/25 1YR

k. Is there new carpet, drapes or other textiles? Y (N) Where & When? _____

l. Have air fresheners been used recently? Y (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / ~~N~~ If yes, where vented? _____

n. Is there a bathroom exhaust fan? (Y) N If yes, where vented? ROOF

o. Is there a clothes dryer? Y (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y (N) When & Type? _____

Are there odors in the building? SOME (Y) N
If yes, please describe: EXHAUST, PAINT IN GARAGE

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

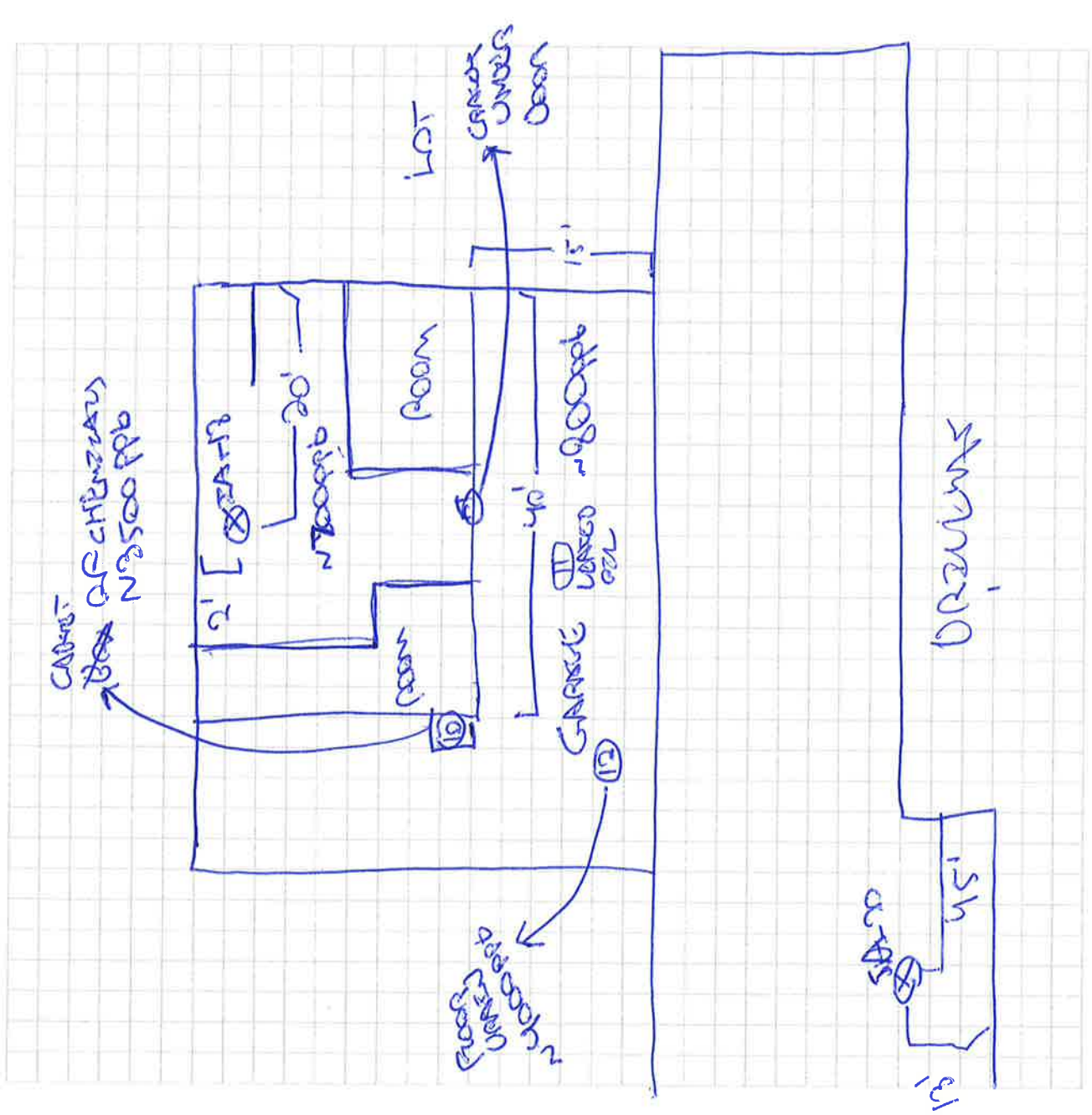
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

12. OUTDOOR PLOT EAST SIDE OF EAST LOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

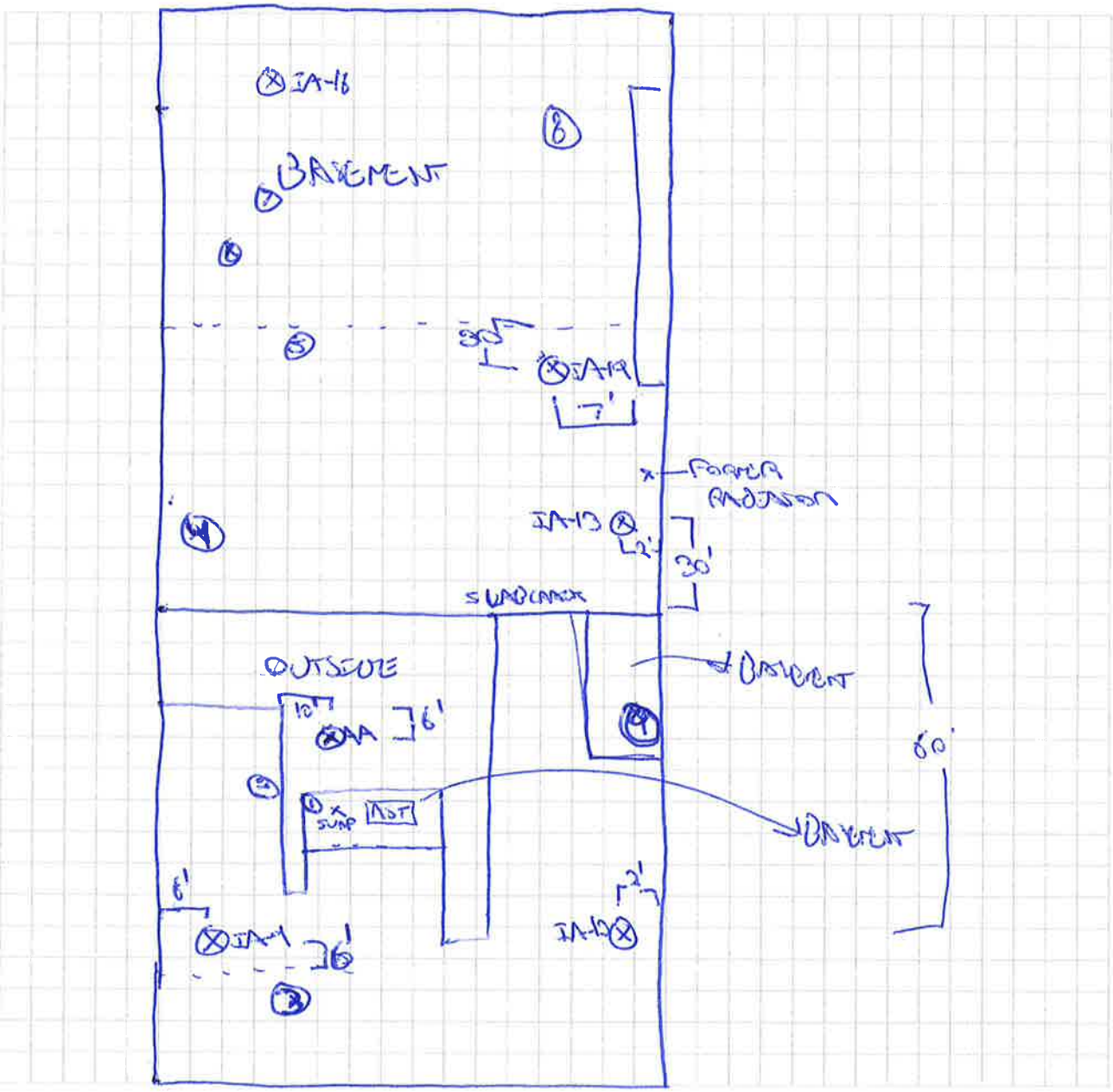
Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.


LOT
GRASS
CONC
DOOR
15'
DOOR
DOOR
DOOR

12. OUTDOOR PLOT WEST HALF OF LOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
①	JOINT COMPOUND(TU)	3.3L	U	VOLCONFLIT/MG/L	NO	Y
				CONTAINS, LATEX, ETC		
	SPRAY ENAMEL	1702	U	CONTAINS ACETONE, XYLENE	NO	Y
	CAN ENAMEL	3302	U	ENAMEL, CONT. PETROLEUM	NO	Y
	METAMATIC-OIL	1102	U	SDS ONLINE	NO	Y
②	3X CANS OF PAINT		U		NO	Y
	SEE PIC					
③	ROUNDUP + ONES		U		NO	Y
	SEE PIC					
④	GRAUT (SEALER)		U		NO	Y
⑤	ENAMEL/SEALANTS OTHERS		U		NO	Y
~~①, ②~~ ⑥ ⑦	CLEANERS		U		NO	Y
⑧	ENAMEL		U		NO	Y
⑨	SEALANTS		U		NO	Y
	SEE DISPOSE					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
①	CABINET OF CHEMICALS	~30x	U	VARIOUS SOLVENTS, ETC	3500ppb	Y
②	OIL LEAK	N/A	U	LEAKY ROOF OIL	~2000ppb	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX E

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Job Number: 460-216817-1

Job Description: Empire 149th & 150th Streets, Queens

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Stephen Grens

Approved for release.
Allison L Bennett
Project Manager I
9/4/2020 9:13 AM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
09/04/2020

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-216817-1

Job Description: Empire 149th & 150th Streets, Queens

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Allison L Bennett
Project Manager I
9/4/2020 9:13 AM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: AKRF Inc

Project: Empire 149th & 150th Streets, Queens

Report Number: 460-216817-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 8/25/2020 6:00 PM, 8/26/2020 6:00 PM, 8/27/2020 6:20 PM and 8/28/2020 3:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 3.4º C, 3.6º C, 3.7º C, 3.8º C, 3.9º C and 3.9º C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The collection date for the following samples was not recorded on the COC: SB-16_1-3_20200826 (460-216927-2) and SB-17_0-2_20200826 (460-216927-3). The date of 08/26/2020 was used per the sample IDs. The sample type and matrix were also not recorded for these samples.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The sample collection date, sample type, and samlpe matrix were only recorded for the first sample on the COC.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The project name/site name/PO number/# of containers were not listed on the COC. Samples were logged in under the Empire project and the client was notified.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The client requested that the sample ID of the following sample be revised from TW-01 to TW-04. TW-04_20200827 (460-217143-1) A revised COC was provided.

The client requested that all soil and water samples are reported in the same SDG on 8/31/2020.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-04_2-4_20200825 (460-216817-1), SB-15_0-2_20200826 (460-216927-1), SB-10_1-3_20200827 (460-217009-1), SB-12_0-2_20200828 (460-217095-1), SB-02_0-2_20200825 (460-216817-2), SB-16_1-3_20200826 (460-216927-2), SB-10_17-19_20200827 (460-217009-2), SB-13_1-3_20200828 (460-217095-2), SB-01_1-3_20200825 (460-216817-3), SB-17_0-2_20200826 (460-216927-3), SB-18_3-5_20200827 (460-217009-3), SB-14_2-4_20200828 (460-217095-3), SB-09_1-3_20200825 (460-216817-4), SB-18_16-18_20200827 (460-217009-4), SB-11_3-5_20200828 (460-217095-4), SB-03_0-2_20200825 (460-216817-5), SB-05_1-3_20200827 (460-217009-5), SB-08_2-4_20200825 (460-216817-6), SB-07_0-2_20200827 (460-217009-6), SB-07_6-8_20200827 (460-217009-7), SB-07_15-17_20200827 (460-217009-8), SB-06_3-5_20200827 (460-217009-9), SB-06_6-8_20200827 (460-217009-10) and SB-06_17-19_20200827 (460-217009-11) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/26/2020, 08/27/2020, 08/28/2020 and 08/29/2020 and analyzed on 08/28/2020, 08/29/2020, 08/30/2020, 08/31/2020 and 09/01/2020.

1,2,3-Trichlorobenzene was detected in method blank MB 460-721040/9 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) associated with batch 460-720508 recovered above the upper control limit for

1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-720508 recovered outside control limits for the following analyte: Methylcyclohexane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-721040 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-720741 was outside the method criteria for the following analytes: Bromomethane (biased high) and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-720741 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-720646 recovered above the upper control limit for Chloromethane, Vinyl chloride, Chloroethane and Isopropylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for analytical batch 460-720646 recovered outside control limits for the following analyte: Chloroethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-721508 was outside the method criteria for the following analytes: 1,1-Dichloroethene and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-720746 was outside the method criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane (biased high) and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

The following sample was diluted to bring the concentration of target analytes within the calibration range: SB-18_3-5_20200827 (460-217009-3). Elevated reporting limits (RLs) are provided.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples TW-04_20200827 (460-217143-1), TW-01_20200828 (460-217163-1), TW-18_20200828 (460-217163-2), TW-16_20200828 (460-217163-3), TW-13_20200828 (460-217163-4), TB_20200828 (460-217095-5), TW-07_20200828 (460-217163-5), TW-10_20200828 (460-217163-6), TB_20200825 (460-216817-7) and TW-09_20200828 (460-217163-7) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/28/2020, 08/30/2020 and 09/02/2020.

The continuing calibration verification (CCV) analyzed in batch 460-720644 was outside the method criteria for the following analytes: Dichlorodifluoromethane (bias high), Carbon tetrachloride, Bromoform and Methyl acetate (bias low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-721282 was outside the method criteria for Methyl tert-butyl ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Internal standard (ISTD) response of 1,4-Dioxane-d8 for the following samples was outside acceptance criteria: TW-01_20200828 (460-217163-1), (LCSD 460-721508/4) and (MB 460-721508/8). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Several analytes failed the recovery criteria high for the MS of sample 460-217152-18 in batch 460-721282.

4-Methyl-2-pentanone (MIBK) failed the recovery criteria high for the MSD of sample 460-217152-18 in batch 460-721282.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-04_2-4_20200825 (460-216817-1), SB-15_0-2_20200826 (460-216927-1), SB-10_1-3_20200827 (460-217009-1), SB-12_0-2_20200828 (460-217095-1), SB-02_0-2_20200825 (460-216817-2), SB-16_1-3_20200826 (460-216927-2), SB-10_17-19_20200827 (460-217009-2), SB-13_1-3_20200828 (460-217095-2), SB-01_1-3_20200825 (460-216817-3), SB-17_0-2_20200826 (460-216927-3), SB-18_3-5_20200827 (460-217009-3), SB-14_2-4_20200828 (460-217095-3), SB-09_1-3_20200825 (460-216817-4), SB-18_16-18_20200827 (460-217009-4), SB-11_3-5_20200828 (460-217095-4), SB-03_0-2_20200825 (460-216817-5), SB-05_1-3_20200827 (460-217009-5), SB-08_2-4_20200825 (460-216817-6), SB-07_0-2_20200827 (460-217009-6), SB-07_6-8_20200827 (460-217009-7), SB-07_15-17_20200827 (460-217009-8), SB-06_3-5_20200827 (460-217009-9), SB-06_6-8_20200827 (460-217009-10) and SB-06_17-19_20200827 (460-217009-11) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/27/2020, 08/28/2020 and 08/31/2020 and analyzed on 08/27/2020, 08/28/2020, 08/29/2020 and 09/01/2020.

The continuing calibration verification (CCV) analyzed in batch 460-720113 was outside the method criteria for the following analyte(s): 2-Nitroaniline and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for preparation batch 460-719969 and analytical batch 460-720113 recovered outside control limits for the following analytes: Indeno[1,2,3-cd]pyrene, Benzo[a]pyrene and Dibenz(a,h)anthracene. The data have been reported.

Several analytes failed the recovery criteria low for the MS/MSD of sample 460-216232-6 in batch 460-720113. Several analytes failed the recovery criteria high. Several analytes exceeded the RPD limit.

Several analytes failed the recovery criteria low for the MS/MSD of sample 460-216576-1 in batch 460-720409. 3,3'-Dichlorobenzidine, 4-Nitroaniline and Hexachloroethane exceeded the RPD limit.

Several analytes failed the recovery criteria low for the MS/MSD of sample SB-10_1-3_20200827MS/MSD (460-217009-1) in batch 460-720401.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TW-04_20200827 (460-217143-1), TW-01_20200828 (460-217163-1), TW-18_20200828 (460-217163-2), TW-16_20200828 (460-217163-3), TW-13_20200828 (460-217163-4), TW-07_20200828 (460-217163-5), TW-10_20200828 (460-217163-6) and TW-09_20200828 (460-217163-7) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/30/2020 and 09/01/2020 and analyzed on 08/31/2020 and 09/01/2020.

The continuing calibration verification (CCV) analyzed in batch 460-720701 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol (Surr) and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-721182 was outside the method criteria for the following analyte(s): 2,4-Dinitrotoluene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SB-04_2-4_20200825 (460-216817-1), SB-15_0-2_20200826 (460-216927-1), SB-10_1-3_20200827 (460-217009-1), SB-12_0-2_20200828 (460-217095-1), SB-02_0-2_20200825 (460-216817-2), SB-16_1-3_20200826 (460-216927-2), SB-10_17-19_20200827 (460-217009-2), SB-13_1-3_20200828 (460-217095-2), SB-01_1-3_20200825 (460-216817-3),

SB-17_0-2_20200826 (460-216927-3), SB-18_3-5_20200827 (460-217009-3), SB-14_2-4_20200828 (460-217095-3), SB-09_1-3_20200825 (460-216817-4), SB-18_16-18_20200827 (460-217009-4), SB-11_3-5_20200828 (460-217095-4), SB-03_0-2_20200825 (460-216817-5), SB-05_1-3_20200827 (460-217009-5), SB-08_2-4_20200825 (460-216817-6), SB-07_0-2_20200827 (460-217009-6), SB-07_6-8_20200827 (460-217009-7), SB-07_15-17_20200827 (460-217009-8), SB-06_3-5_20200827 (460-217009-9), SB-06_6-8_20200827 (460-217009-10) and SB-06_17-19_20200827 (460-217009-11) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 08/27/2020, 08/28/2020 and 08/31/2020 and analyzed on 08/28/2020, 08/29/2020 and 09/01/2020.

Surrogate Decachlorobiphenyl and Tetrachloro-m-xylene recovery for the following sample was outside the upper control limit: SB-10_17-19_20200827 (460-217009-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The Decachlorobiphenyl and Tetrachloro-m-xylene surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: SB-05_1-3_20200827 (460-217009-5). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Aroclor 1016 failed the recovery criteria high for the MS/MSD of sample 460-216908-1 in batch 460-719895.

Aroclor 1016 failed the recovery criteria high for the MS/MSD of sample 460-216985-1 in batch 460-720514.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples SB-04_2-4_20200825 (460-216817-1), SB-15_0-2_20200826 (460-216927-1), SB-10_1-3_20200827 (460-217009-1), SB-12_0-2_20200828 (460-217095-1), SB-02_0-2_20200825 (460-216817-2), SB-16_1-3_20200826 (460-216927-2), SB-10_17-19_20200827 (460-217009-2), SB-13_1-3_20200828 (460-217095-2), SB-01_1-3_20200825 (460-216817-3), SB-17_0-2_20200826 (460-216927-3), SB-18_3-5_20200827 (460-217009-3), SB-14_2-4_20200828 (460-217095-3), SB-09_1-3_20200825 (460-216817-4), SB-18_16-18_20200827 (460-217009-4), SB-11_3-5_20200828 (460-217095-4), SB-03_0-2_20200825 (460-216817-5), SB-05_1-3_20200827 (460-217009-5), SB-08_2-4_20200825 (460-216817-6), SB-07_0-2_20200827 (460-217009-6), SB-07_6-8_20200827 (460-217009-7), SB-07_15-17_20200827 (460-217009-8), SB-06_3-5_20200827 (460-217009-9), SB-06_6-8_20200827 (460-217009-10) and SB-06_17-19_20200827 (460-217009-11) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 08/27/2020, 08/28/2020 and 08/29/2020 and analyzed on 08/27/2020, 08/28/2020 and 08/30/2020.

Antimony and Calcium failed the recovery criteria low for the MS of sample 460-216699-15 in batch 460-720330. Aluminum and Iron failed the recovery criteria high.

Antimony, Barium and Lead failed the recovery criteria low for the MS of sample 460-216793-2 in batch 460-720093. Aluminum and Iron failed the recovery criteria high.

Antimony, Calcium and Iron failed the recovery criteria low for the MS of sample SB-10_1-3_20200827MS (460-217009-1) in batch 460-720650. Several analytes failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample 460-217089-1 in batch 460-720689. Calcium and Vanadium failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample SB-13_1-3_20200828MS (460-217095-2) in batch 460-720650. Several analytes failed the recovery criteria high.

Beryllium, Calcium and Selenium exceeded the RPD limit for the duplicate of sample 460-216699-15.

Several analytes exceeded the RPD limit for the duplicate of sample SB-10_1-3_20200827DU (460-217009-1).

Calcium, Iron, Sodium and Zinc exceeded the RPD limit for the duplicate of sample SB-13_1-3_20200828DU (460-217095-2).

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB-04_2-4_20200825 (460-216817-1), SB-15_0-2_20200826 (460-216927-1), SB-10_1-3_20200827 (460-217009-1), SB-12_0-2_20200828 (460-217095-1), SB-02_0-2_20200825 (460-216817-2), SB-16_1-3_20200826 (460-216927-2), SB-10_17-19_20200827 (460-217009-2), SB-13_1-3_20200828 (460-217095-2), SB-01_1-3_20200825 (460-216817-3), SB-17_0-2_20200826 (460-216927-3), SB-18_3-5_20200827 (460-217009-3), SB-14_2-4_20200828 (460-217095-3), SB-09_1-3_20200825 (460-216817-4), SB-18_16-18_20200827 (460-217009-4), SB-11_3-5_20200828 (460-217095-4), SB-03_0-2_20200825 (460-216817-5), SB-05_1-3_20200827 (460-217009-5), SB-08_2-4_20200825 (460-216817-6), SB-07_0-2_20200827 (460-217009-6), SB-07_6-8_20200827 (460-217009-7), SB-07_15-17_20200827 (460-217009-8), SB-06_3-5_20200827 (460-217009-9), SB-06_6-8_20200827 (460-217009-10) and SB-06_17-19_20200827 (460-217009-11) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/27/2020, 08/28/2020 and 09/02/2020.

Samples SB-10_17-19_20200827 (460-217009-2)[5X] and SB-11_3-5_20200828 (460-217009-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-04_2-4_20200825 (460-216817-1), SB-15_0-2_20200826 (460-216927-1), SB-10_1-3_20200827 (460-217009-1), SB-12_0-2_20200828 (460-217095-1), SB-02_0-2_20200825 (460-216817-2), SB-16_1-3_20200826 (460-216927-2), SB-10_17-19_20200827 (460-217009-2), SB-13_1-3_20200828 (460-217095-2), SB-01_1-3_20200825 (460-216817-3), SB-17_0-2_20200826 (460-216927-3), SB-18_3-5_20200827 (460-217009-3), SB-14_2-4_20200828 (460-217095-3), SB-09_1-3_20200825 (460-216817-4), SB-18_16-18_20200827 (460-217009-4), SB-11_3-5_20200828 (460-217095-4), SB-03_0-2_20200825 (460-216817-5), SB-05_1-3_20200827 (460-217009-5), SB-08_2-4_20200825 (460-216817-6), SB-07_0-2_20200827 (460-217009-6), SB-07_6-8_20200827 (460-217009-7), SB-07_15-17_20200827 (460-217009-8), SB-06_3-5_20200827 (460-217009-9), SB-06_6-8_20200827 (460-217009-10) and SB-06_17-19_20200827 (460-217009-11) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 08/27/2020, 08/31/2020 and 09/01/2020.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216817-1	SB-04_2-4_20200825	Solid	08/25/20 08:20	08/25/20 18:00	
460-216817-2	SB-02_0-2_20200825	Solid	08/25/20 09:25	08/25/20 18:00	
460-216817-3	SB-01_1-3_20200825	Solid	08/25/20 10:00	08/25/20 18:00	
460-216817-4	SB-09_1-3_20200825	Solid	08/25/20 11:50	08/25/20 18:00	
460-216817-5	SB-03_0-2_20200825	Solid	08/25/20 13:10	08/25/20 18:00	
460-216817-6	SB-08_2-4_20200825	Solid	08/25/20 13:55	08/25/20 18:00	
460-216817-7	TB_20200825	Water	08/25/20 00:00	08/25/20 18:00	
460-216927-1	SB-15_0-2_20200826	Solid	08/26/20 08:45	08/26/20 18:00	
460-216927-2	SB-16_1-3_20200826	Solid	08/26/20 09:55	08/26/20 18:00	
460-216927-3	SB-17_0-2_20200826	Solid	08/26/20 13:40	08/26/20 18:00	
460-217009-1	SB-10_1-3_20200827	Solid	08/27/20 08:25	08/27/20 18:20	
460-217009-2	SB-10_17-19_20200827	Solid	08/27/20 09:40	08/27/20 18:20	
460-217009-3	SB-18_3-5_20200827	Solid	08/27/20 09:30	08/27/20 18:20	
460-217009-4	SB-18_16-18_20200827	Solid	08/27/20 09:35	08/27/20 18:20	
460-217009-5	SB-05_1-3_20200827	Solid	08/27/20 11:30	08/27/20 18:20	
460-217009-6	SB-07_0-2_20200827	Solid	08/27/20 12:00	08/27/20 18:20	
460-217009-7	SB-07_6-8_20200827	Solid	08/27/20 12:05	08/27/20 18:20	
460-217009-8	SB-07_15-17_20200827	Solid	08/27/20 12:10	08/27/20 18:20	
460-217009-9	SB-06_3-5_20200827	Solid	08/27/20 13:45	08/27/20 18:20	
460-217009-10	SB-06_6-8_20200827	Solid	08/27/20 13:50	08/27/20 18:20	
460-217009-11	SB-06_17-19_20200827	Solid	08/27/20 13:55	08/27/20 18:20	
460-217095-1	SB-12_0-2_20200828	Solid	08/28/20 07:40	08/28/20 15:30	
460-217095-2	SB-13_1-3_20200828	Solid	08/28/20 08:10	08/28/20 15:30	
460-217095-3	SB-14_2-4_20200828	Solid	08/28/20 08:50	08/28/20 15:30	
460-217095-4	SB-11_3-5_20200828	Solid	08/28/20 10:15	08/28/20 15:30	
460-217095-5	TB_20200828	Water	08/28/20 00:00	08/28/20 15:30	
460-217143-1	TW-04_20200827	Water	08/27/20 14:20	08/27/20 18:20	
460-217163-1	TW-01_20200828	Water	08/28/20 06:53	08/28/20 15:30	
460-217163-2	TW-18_20200828	Water	08/28/20 08:07	08/28/20 15:30	
460-217163-3	TW-16_20200828	Water	08/28/20 13:22	08/28/20 15:30	
460-217163-4	TW-13_20200828	Water	08/28/20 12:37	08/28/20 15:30	
460-217163-5	TW-07_20200828	Water	08/28/20 11:27	08/28/20 15:30	
460-217163-6	TW-10_20200828	Water	08/28/20 09:53	08/28/20 15:30	
460-217163-7	TW-09_20200828	Water	08/28/20 09:12	08/28/20 15:30	

Detection Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	0.00059	J	0.0013	0.00040	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00068	J	0.0013	0.00062	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.00093	J	0.0013	0.00019	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00068	J	0.0013	0.00031	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.011	J	0.35	0.0036	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.12	J	0.35	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.40		0.035	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.46	*	0.035	0.0093	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.55		0.035	0.0090	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.27	J	0.35	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.22		0.035	0.0068	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.017	J	0.35	0.013	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.37		0.35	0.0059	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.073	*	0.035	0.015	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.017	J	0.35	0.0049	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.73		0.35	0.012	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.020	J	0.35	0.0047	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.32	*	0.035	0.014	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.45		0.35	0.0061	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.73		0.35	0.0087	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8440		17.0	2.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.22	J	0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.4		0.85	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	46.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.34	0.048	mg/Kg	1	☼	6020B	Total/NA
Cadmium	2.2		0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	1990		84.8	14.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.5		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	41.1		1.7	0.19	mg/Kg	1	☼	6020B	Total/NA
Iron	32700		50.9	17.1	mg/Kg	1	☼	6020B	Total/NA
Lead	55.9		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1560		84.8	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	813		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	122		1.7	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	473		84.8	9.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.42	J	1.1	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.088	J	0.85	0.075	mg/Kg	1	☼	6020B	Total/NA
Sodium	67.4	J	84.8	13.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.2		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	505		6.8	1.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.47		0.018	0.0041	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3970		15.7	2.0	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.3		0.79	0.079	mg/Kg	1	☼	6020B	Total/NA
Barium	20.7		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.20	J	0.31	0.045	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-02_0-2_20200825 (Continued)
Lab Sample ID: 460-216817-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	434		78.5	13.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.5		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	9.5		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Iron	12400		47.1	15.9	mg/Kg	1	☼	6020B	Total/NA
Lead	2.6		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1190		78.5	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	286		3.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.0		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	405		78.5	8.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	48.2	J	78.5	12.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.051	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	11.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	11.4		6.3	1.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016	J	0.017	0.0040	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00084	J	0.0014	0.00021	mg/Kg	1	☼	8260C	Total/NA
Anthracene	0.051	J	0.39	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.26		0.039	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.32	*	0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.48		0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.16	J	0.39	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.17		0.039	0.0076	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.11	J	0.39	0.020	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.027	J	0.39	0.015	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.30	J	0.39	0.0065	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.050	*	0.039	0.017	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.62		0.39	0.013	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.18	*	0.039	0.015	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.26	J	0.39	0.0068	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.49		0.39	0.0096	mg/Kg	1	☼	8270D	Total/NA
Aluminum	6710		18.8	2.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.6		0.94	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.6		0.94	0.094	mg/Kg	1	☼	6020B	Total/NA
Barium	283		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.43		0.38	0.054	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.50	J	0.94	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	27800		94.1	16.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.8		1.9	0.16	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	24.3		1.9	0.21	mg/Kg	1	☼	6020B	Total/NA
Iron	16100		56.5	19.0	mg/Kg	1	☼	6020B	Total/NA
Lead	199		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3690		94.1	9.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	399		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.8		1.9	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	293		94.1	10.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.57	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-01_1-3_20200825 (Continued)
Lab Sample ID: 460-216817-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	126		94.1	14.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.060	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.8		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	226		7.5	2.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.086		0.019	0.0044	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-09_1-3_20200825
Lab Sample ID: 460-216817-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3250		15.5	2.0	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.2		0.78	0.078	mg/Kg	1	☼	6020B	Total/NA
Barium	17.2		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.17	J	0.31	0.044	mg/Kg	1	☼	6020B	Total/NA
Calcium	520		77.6	13.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.8		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	7.6		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Iron	13800		46.6	15.7	mg/Kg	1	☼	6020B	Total/NA
Lead	3.9		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	986		77.6	7.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	246		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.2		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	236		77.6	8.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.11	J	0.97	0.092	mg/Kg	1	☼	6020B	Total/NA
Sodium	76.6	J	77.6	12.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.043	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10.8		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	15.3		6.2	1.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.018		0.017	0.0041	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.034		0.0073	0.0039	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.19		0.0087	0.0083	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.0015		0.0015	0.00039	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00074	J	0.0015	0.00067	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00043	J	0.0015	0.00034	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.012	J	0.37	0.010	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.043	J	0.37	0.027	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.084	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.17		0.037	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.18	*	0.037	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.25		0.037	0.0096	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.13	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.087		0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.035	J	0.37	0.014	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.17	J	0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.034	J *	0.037	0.016	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.028	J	0.37	0.0052	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.37		0.37	0.013	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.039	J	0.37	0.0050	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-03_0-2_20200825 (Continued)
Lab Sample ID: 460-216817-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.14	*	0.037	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.023	J	0.37	0.0064	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.35	J	0.37	0.0065	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.38		0.37	0.0092	mg/Kg	1	☼	8270D	Total/NA
Aluminum	9190		17.0	2.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.58	J	0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.4		0.85	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	150		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.34	0.048	mg/Kg	1	☼	6020B	Total/NA
Cadmium	7.0		0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	3830		85.1	14.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	148		1.7	0.19	mg/Kg	1	☼	6020B	Total/NA
Iron	18600		51.0	17.2	mg/Kg	1	☼	6020B	Total/NA
Lead	243		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1620		85.1	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	291		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.0		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	582		85.1	9.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.63	J	1.1	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.70	J	0.85	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	125		85.1	13.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.0		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	272		6.8	1.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.28		0.019	0.0045	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2490		16.6	2.2	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.83	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	17.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.14	J	0.33	0.047	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	449		83.0	14.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.0		1.7	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.8		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	8.0		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Iron	10300		49.8	16.8	mg/Kg	1	☼	6020B	Total/NA
Lead	3.3		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	827		83.0	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	233		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.6		1.7	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	295		83.0	9.3	mg/Kg	1	☼	6020B	Total/NA
Sodium	45.0	J	83.0	13.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.037	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	8.6		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	10.9		6.6	1.9	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Client Sample ID: TB_20200825
Lab Sample ID: 460-216817-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11		5.0	4.4	ug/L	1		8260C	Total/NA

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00022	J	0.0013	0.00018	mg/Kg	1	☼	8260C	Total/NA
Aluminum	2390		16.5	2.2	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.5		0.83	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	19.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.20	J	0.33	0.047	mg/Kg	1	☼	6020B	Total/NA
Calcium	1630		82.7	14.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	7.9		1.7	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	9.3		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Iron	18600		49.6	16.7	mg/Kg	1	☼	6020B	Total/NA
Lead	3.1		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	819		82.7	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	323		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.2		1.7	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	325		82.7	9.3	mg/Kg	1	☼	6020B	Total/NA
Sodium	48.5	J	82.7	12.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.036	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	14.6		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	11.7		6.6	1.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.017		0.015	0.0036	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2750		15.9	2.1	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.86		0.80	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	20.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.17	J	0.32	0.045	mg/Kg	1	☼	6020B	Total/NA
Calcium	299		79.5	13.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	6.8		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Iron	12600		47.7	16.1	mg/Kg	1	☼	6020B	Total/NA
Lead	1.8		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1040		79.5	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	203		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.1		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	403		79.5	8.9	mg/Kg	1	☼	6020B	Total/NA
Sodium	34.6	J	79.5	12.4	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10.5		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	11.9		6.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0053	J	0.017	0.0039	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0017		0.0012	0.00057	mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-17_0-2_20200826 (Continued)
Lab Sample ID: 460-216927-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.022		0.0012	0.00018	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00018	J	0.0012	0.00018	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.085	J	0.37	0.0039	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.11	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.62		0.037	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.73		0.037	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.72		0.037	0.0097	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.42		0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.26		0.037	0.0074	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.041	J	0.37	0.014	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.78		0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.11		0.037	0.016	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.012	J	0.37	0.0053	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	1.0		0.37	0.013	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.023	J	0.37	0.0051	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.37		0.037	0.015	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.52		0.37	0.0066	mg/Kg	1	☼	8270D	Total/NA
Pyrene	1.3		0.37	0.0093	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8370		17.7	2.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.19	J	0.89	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.9		0.89	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	146		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.48		0.35	0.050	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	0.89	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	4990		88.6	15.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.5		1.8	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.2		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	76.4		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Iron	16900		53.2	17.9	mg/Kg	1	☼	6020B	Total/NA
Lead	287		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1480		88.6	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	560		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.4		1.8	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	495		88.6	9.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.38	J	1.1	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.10	J	0.89	0.079	mg/Kg	1	☼	6020B	Total/NA
Sodium	93.7		88.6	13.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.7		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	121		7.1	2.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.73		0.018	0.0043	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00022	J	0.00091	0.00013	mg/Kg	1	☼	8260C	Total/NA
Aluminum	6960		20.4	2.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.4		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	20.7	F1	2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.36	J	0.41	0.058	mg/Kg	1	☼	6020B	Total/NA
Calcium	1180	F1	102	17.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-10_1-3_20200827 (Continued)
Lab Sample ID: 460-217009-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	15.2		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	34.5	F1	2.0	0.22	mg/Kg	1	☼	6020B	Total/NA
Iron	23600		61.1	20.6	mg/Kg	1	☼	6020B	Total/NA
Lead	4.5		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1400	F1	102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	289		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.5	F1	2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Potassium	437		102	11.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.3	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	65.2	J	102	15.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.7	F1	2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	27.5		8.1	2.3	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.011	J	0.018	0.0042	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-10_17-19_20200827
Lab Sample ID: 460-217009-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1840		18.1	2.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.52	J	0.90	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	24.1		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.10	J	0.36	0.052	mg/Kg	1	☼	6020B	Total/NA
Calcium	93.9		90.4	15.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	4.3		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Cobalt	1.5	J	1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	51.2		1.8	0.20	mg/Kg	1	☼	6020B	Total/NA
Iron	6440		54.2	18.3	mg/Kg	1	☼	6020B	Total/NA
Lead	1.2		0.54	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	536		90.4	9.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	106		3.6	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.1		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	202		90.4	10.1	mg/Kg	1	☼	6020B	Total/NA
Sodium	29.9	J	90.4	14.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	5.5		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	7.8		7.2	2.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	1.7		0.080	0.019	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.040	J	0.10	0.034	mg/Kg	50	☼	8260C	Total/NA
Tetrachloroethene	14		0.10	0.037	mg/Kg	50	☼	8260C	Total/NA
Trichloroethene	0.43		0.10	0.022	mg/Kg	50	☼	8260C	Total/NA
Acenaphthylene	0.018	J	0.37	0.0038	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.23		0.037	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.43		0.037	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.63		0.037	0.0096	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.34	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.21		0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.015	J	0.37	0.014	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.28	J	0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-18_3-5_20200827 (Continued)
Lab Sample ID: 460-217009-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	0.10		0.037	0.016	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.29	J	0.37	0.013	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.34		0.037	0.015	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.072	J	0.37	0.0065	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.34	J	0.37	0.0092	mg/Kg	1	☼	8270D	Total/NA
Aluminum	7710		19.2	2.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.58	J	0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.1		0.96	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	45.0		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.38		0.38	0.055	mg/Kg	1	☼	6020B	Total/NA
Calcium	1020		96.1	16.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.0		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.7		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	133		1.9	0.21	mg/Kg	1	☼	6020B	Total/NA
Iron	18200		57.6	19.4	mg/Kg	1	☼	6020B	Total/NA
Lead	392		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1460		96.1	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	286		3.8	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.7		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	353		96.1	10.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.35	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	119		96.1	15.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.075	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.4		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	63.0		7.7	2.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.64		0.017	0.0041	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-18_16-18_20200827
Lab Sample ID: 460-217009-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2710		17.3	2.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.81	J	0.87	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	27.8		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.16	J	0.35	0.049	mg/Kg	1	☼	6020B	Total/NA
Calcium	334		86.7	14.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.3		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	7.3		1.7	0.19	mg/Kg	1	☼	6020B	Total/NA
Iron	13700		52.0	17.5	mg/Kg	1	☼	6020B	Total/NA
Lead	1.7		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	877		86.7	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	264		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.9		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	329		86.7	9.7	mg/Kg	1	☼	6020B	Total/NA
Sodium	68.8	J	86.7	13.5	mg/Kg	1	☼	6020B	Total/NA
Vanadium	12.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	10.4		6.9	2.0	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4290		16.0	2.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-05_1-3_20200827 (Continued)
Lab Sample ID: 460-217009-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4		0.80	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	24.5		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.22	J	0.32	0.046	mg/Kg	1	☼	6020B	Total/NA
Calcium	568		80.1	13.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.0		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	9.3		1.6	0.18	mg/Kg	1	☼	6020B	Total/NA
Iron	15400		48.1	16.2	mg/Kg	1	☼	6020B	Total/NA
Lead	7.2		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1490		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	255		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	466		80.1	9.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.0	0.095	mg/Kg	1	☼	6020B	Total/NA
Sodium	46.3	J	80.1	12.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	14.1		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	92.0		6.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.015	J	0.016	0.0037	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.015	J	0.034	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.014	J	0.034	0.0090	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.012	J	0.034	0.0087	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.0068	J	0.034	0.0066	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.011	J	0.34	0.0057	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.015	J	0.34	0.012	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.0096	J	0.34	0.0059	mg/Kg	1	☼	8270D	Total/NA
Aluminum	2610		16.7	2.2	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.6		0.83	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	22.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.16	J	0.33	0.047	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	1190		83.3	14.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.4		1.7	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	13.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Iron	9970		50.0	16.8	mg/Kg	1	☼	6020B	Total/NA
Lead	26.7		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1050		83.3	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	172		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.0		1.7	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	631		83.3	9.3	mg/Kg	1	☼	6020B	Total/NA
Sodium	72.5	J	83.3	13.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.041	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	18.9		6.7	1.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0044	J	0.016	0.0037	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-07_6-8_20200827 — Lab Sample ID: 460-217009-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.012		0.0011	0.00015	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.40		0.33	0.0093	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.027	J	0.33	0.0034	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.031	J	0.33	0.018	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.045	J	0.33	0.0056	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.052	J	0.33	0.0047	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.036	J	0.33	0.012	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.016	J	0.33	0.0058	mg/Kg	1	☼	8270D	Total/NA
N-Nitrosodiphenylamine	0.49		0.33	0.0064	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.40		0.33	0.0059	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.10	J	0.33	0.0083	mg/Kg	1	☼	8270D	Total/NA
Aluminum	3110		17.7	2.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.6		0.88	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	21.5		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.24	J	0.35	0.050	mg/Kg	1	☼	6020B	Total/NA
Calcium	589		88.4	15.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.0		1.8	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.1		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	9.9		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Iron	19700		53.0	17.8	mg/Kg	1	☼	6020B	Total/NA
Lead	4.9		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1270		88.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	311		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.4		1.8	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	576		88.4	9.9	mg/Kg	1	☼	6020B	Total/NA
Sodium	44.2	J	88.4	13.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.057	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.6		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	23.4		7.1	2.0	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: SB-07_15-17_20200827 — Lab Sample ID: 460-217009-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2210		20.2	2.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.66	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	17.1		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.16	J	0.40	0.057	mg/Kg	1	☼	6020B	Total/NA
Calcium	447		101	17.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.5		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	6.0		2.0	0.22	mg/Kg	1	☼	6020B	Total/NA
Iron	9440		60.5	20.4	mg/Kg	1	☼	6020B	Total/NA
Lead	1.5		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	782		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	233		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	4.9		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Potassium	257		101	11.3	mg/Kg	1	☼	6020B	Total/NA
Sodium	49.7	J	101	15.7	mg/Kg	1	☼	6020B	Total/NA
Vanadium	8.0		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	10.8		8.1	2.3	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00041	J	0.0010	0.00015	mg/Kg	1	☼	8260C	Total/NA
Aluminum	3250		17.1	2.2	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.2		0.86	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	25.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.17	J	0.34	0.049	mg/Kg	1	☼	6020B	Total/NA
Calcium	1930		85.7	14.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.3		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.2		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	11.2		1.7	0.19	mg/Kg	1	☼	6020B	Total/NA
Iron	12200		51.4	17.3	mg/Kg	1	☼	6020B	Total/NA
Lead	17.8		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1230		85.7	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	212		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.3		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	414		85.7	9.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	64.6	J	85.7	13.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.036	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	11.7		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	23.0		6.9	2.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0042	J	0.017	0.0039	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3190		19.7	2.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.5		0.99	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	24.6		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.18	J	0.39	0.056	mg/Kg	1	☼	6020B	Total/NA
Calcium	2110		98.6	16.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.6		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.3		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	11.7		2.0	0.22	mg/Kg	1	☼	6020B	Total/NA
Iron	14200		59.2	19.9	mg/Kg	1	☼	6020B	Total/NA
Lead	14.3		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1340		98.6	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	265		3.9	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.7		2.0	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	439		98.6	11.0	mg/Kg	1	☼	6020B	Total/NA
Sodium	69.1	J	98.6	15.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	11.7		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	21.3		7.9	2.3	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0051	J	0.017	0.0039	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2380		15.8	2.1	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.79		0.79	0.079	mg/Kg	1	☼	6020B	Total/NA
Barium	15.6		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.14	J	0.32	0.045	mg/Kg	1	☼	6020B	Total/NA
Calcium	217		78.9	13.4	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-06_17-19_20200827 (Continued)
Lab Sample ID: 460-217009-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	6.9		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	6.4		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Iron	10900		47.3	15.9	mg/Kg	1	☼	6020B	Total/NA
Lead	1.6		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	793		78.9	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	242		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.1		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	318		78.9	8.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	47.6	J	78.9	12.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.033	J	0.32	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10.1		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	10.3		6.3	1.8	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.0020		0.0011	0.00016	mg/Kg	1	☼	8260C	Total/NA
Aluminum	10900		21.2	2.8	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.2		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	36.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.42	0.061	mg/Kg	1	☼	6020B	Total/NA
Calcium	1170		106	18.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.8		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		2.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	11.5		2.1	0.23	mg/Kg	1	☼	6020B	Total/NA
Iron	24700		63.7	21.4	mg/Kg	1	☼	6020B	Total/NA
Lead	56.2		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1830		106	10.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	317		4.2	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.2		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Potassium	585		106	11.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.54	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	69.2	J	106	16.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.064	J	0.42	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.8		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	26.8		8.5	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.13		0.017	0.0041	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0093		0.0087	0.0083	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.0055		0.0015	0.00021	mg/Kg	1	☼	8260C	Total/NA
Benzo[b]fluoranthene	0.019	J	0.034	0.0088	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.016	J	0.34	0.010	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.016	J	0.034	0.013	mg/Kg	1	☼	8270D	Total/NA
Aluminum	2980		19.9	2.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.3		0.99	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	12.6	F1	2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.26	J	0.40	0.057	mg/Kg	1	☼	6020B	Total/NA
Calcium	1670	F1	99.3	16.9	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-13_1-3_20200828 (Continued)
Lab Sample ID: 460-217095-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	7.9	F1	2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.9		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	7.5		2.0	0.22	mg/Kg	1	☼	6020B	Total/NA
Iron	17000		59.6	20.1	mg/Kg	1	☼	6020B	Total/NA
Lead	7.2	F1	0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	983	F1	99.3	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	221		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.0		2.0	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	386	F1	99.3	11.1	mg/Kg	1	☼	6020B	Total/NA
Sodium	41.5	J	99.3	15.5	mg/Kg	1	☼	6020B	Total/NA
Vanadium	11.7		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	36.7	F1	7.9	2.3	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.38		0.016	0.0038	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.0057		0.0017	0.00024	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00088	J	0.0017	0.00024	mg/Kg	1	☼	8260C	Total/NA
Aluminum	10700		18.6	2.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.44	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.4		0.93	0.093	mg/Kg	1	☼	6020B	Total/NA
Barium	104		1.9	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.37	0.053	mg/Kg	1	☼	6020B	Total/NA
Calcium	7230		93.0	15.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.3		1.9	0.16	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	1200		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Iron	16200		55.8	18.8	mg/Kg	1	☼	6020B	Total/NA
Lead	297		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1670		93.0	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	474		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.9		1.9	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	573		93.0	10.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.28	J	0.93	0.083	mg/Kg	1	☼	6020B	Total/NA
Sodium	97.7		93.0	14.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.084	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.2		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	101		7.4	2.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.20		0.017	0.0041	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.081		0.035	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.11		0.035	0.0094	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.14		0.035	0.0092	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.35	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.050		0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.076	J	0.35	0.0060	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.083	J	0.35	0.012	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-11_3-5_20200828 (Continued)
Lab Sample ID: 460-217095-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.10		0.035	0.014	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.025	J	0.35	0.0062	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.093	J	0.35	0.0088	mg/Kg	1	☼	8270D	Total/NA
Aluminum	3730		16.0	2.1	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.5		0.80	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	13.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.19	J	0.32	0.046	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.093	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	4410		80.0	13.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.4		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.9		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	29.6		1.6	0.18	mg/Kg	1	☼	6020B	Total/NA
Iron	9810		48.0	16.2	mg/Kg	1	☼	6020B	Total/NA
Lead	11.0		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1150		80.0	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	154		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.8		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	443		80.0	9.0	mg/Kg	1	☼	6020B	Total/NA
Sodium	78.0	J	80.0	12.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.033	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	37.1		6.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	2.5		0.088	0.021	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: TB_20200828
Lab Sample ID: 460-217095-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		5.0	4.4	ug/L	1		8260C	Total/NA

Client Sample ID: TW-04_20200827
Lab Sample ID: 460-217143-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		1.0	0.33	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.63	J	1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: TW-01_20200828
Lab Sample ID: 460-217163-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.2		5.0	4.4	ug/L	1		8260C	Total/NA
Chloroform	1.1		1.0	0.33	ug/L	1		8260C	Total/NA
Chloromethane	0.90	J	1.0	0.40	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.78	J	1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: TW-18_20200828
Lab Sample ID: 460-217163-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	5.0	4.4	ug/L	1		8260C	Total/NA
Chloromethane	0.56	J	1.0	0.40	ug/L	1		8260C	Total/NA
Tetrachloroethene	3.6		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.40	J	1.0	0.31	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Client Sample ID: TW-16_20200828 — Lab Sample ID: 460-217163-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.68	J	1.0	0.33	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.3		1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: TW-13_20200828 — Lab Sample ID: 460-217163-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1		1.0	0.40	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	4.0		1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: TW-07_20200828 — Lab Sample ID: 460-217163-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.53	J	1.0	0.40	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.67	J	1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: TW-10_20200828 — Lab Sample ID: 460-217163-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.43	J	1.0	0.40	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	4.6		1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: TW-09_20200828 — Lab Sample ID: 460-217163-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.34	J	1.0	0.33	ug/L	1		8260C	Total/NA
Tetrachloroethene	3.1		1.0	0.25	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1

Date Collected: 08/25/20 08:20
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 95.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,1-Dichloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,1-Dichloroethene	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,2-Dichlorobenzene	0.00019	U	0.0013	0.00019	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,2-Dichloroethane	**0.00059**	**J**	0.0013	0.00040	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,2-Dichloropropane	0.00056	U	0.0013	0.00056	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,3-Dichlorobenzene	0.00021	U	0.0013	0.00021	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
2-Butanone (MEK)	0.0036	U	0.0067	0.0036	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
2-Hexanone	0.0023	U	0.0067	0.0023	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Acetone	0.0076	U	0.0080	0.0076	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Benzene	0.00034	U	0.0013	0.00034	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Bromoform	0.00057	U	0.0013	0.00057	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Bromomethane	0.00063	U	0.0013	0.00063	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Carbon disulfide	0.00036	U	0.0013	0.00036	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Carbon tetrachloride	0.00052	U	0.0013	0.00052	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Chlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Chlorobromomethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Chloroethane	0.00070	U	0.0013	0.00070	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Chloroform	0.00043	U	0.0013	0.00043	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
cis-1,2-Dichloroethene	0.00020	U	0.0013	0.00020	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Cyclohexane	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Dichlorobromomethane	0.00034	U	0.0013	0.00034	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Ethylbenzene	0.00027	U	0.0013	0.00027	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Isopropylbenzene	0.00017	U	0.0013	0.00017	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Methyl acetate	0.0057	U	0.0067	0.0057	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Methyl tert-butyl ether	0.00017	U	0.0013	0.00017	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Methylcyclohexane	0.00067	U	0.0013	0.00067	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Methylene Chloride	**0.00068**	**J**	0.0013	0.00062	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
o-Xylene	0.00026	U	0.0013	0.00026	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Tetrachloroethene	**0.00093**	**J**	0.0013	0.00019	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Toluene	**0.00068**	**J**	0.0013	0.00031	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
trans-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Trichloroethene	0.00019	U	0.0013	0.00019	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1

Date Collected: 08/25/20 08:20
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 95.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Vinyl chloride	0.00073	U	0.0013	0.00073	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1
Xylenes, Total	0.00023	U	0.0027	0.00023	mg/Kg	☼	08/26/20 19:59	08/29/20 07:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/26/20 19:59*	*08/29/20 07:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*77 - 145*	*08/26/20 19:59*	*08/29/20 07:55*	*1*
4-Bromofluorobenzene	*116*		*79 - 125*	*08/26/20 19:59*	*08/29/20 07:55*	*1*
Dibromofluoromethane (Surr)	*117*		*48 - 150*	*08/26/20 19:59*	*08/29/20 07:55*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*08/26/20 19:59*	*08/29/20 07:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0089	U	0.035	0.0089	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
1,2-Dichlorobenzene	0.0059	U	0.35	0.0059	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
1,3-Dichlorobenzene	0.0046	U	0.35	0.0046	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
1,4-Dichlorobenzene	0.013	U	0.35	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
1,4-Dioxane	0.0096	U	0.11	0.0096	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
2,2'-oxybis[1-chloropropane]	0.0063	U	0.35	0.0063	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
2,4-Dinitrotoluene	0.037	U	0.070	0.037	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
2,6-Dinitrotoluene	0.025	U	0.070	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
2-Chloronaphthalene	0.016	U	0.35	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
2-Methylnaphthalene	0.0097	U	0.35	0.0097	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
2-Nitroaniline	0.013	U	0.35	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
3,3'-Dichlorobenzidine	0.053	U	0.14	0.053	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
3-Nitroaniline	0.039	U	0.35	0.039	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
4-Bromophenyl phenyl ether	0.014	U	0.35	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
4-Chloroaniline	0.024	U	0.35	0.024	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
4-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Acenaphthene	0.025	U	0.35	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Acenaphthylene	**0.011**	**J**	0.35	0.0036	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Anthracene	**0.12**	**J**	0.35	0.011	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Benzo[a]anthracene	**0.40**		0.035	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Benzo[a]pyrene	**0.46**	*****	0.035	0.0093	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Benzo[b]fluoranthene	**0.55**		0.035	0.0090	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Benzo[g,h,i]perylene	**0.27**	**J**	0.35	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Benzo[k]fluoranthene	**0.22**		0.035	0.0068	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Bis(2-chloroethyl)ether	0.012	U	0.035	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.35	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Butyl benzyl phthalate	0.016	U	0.35	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Carbazole	**0.017**	**J**	0.35	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Chrysene	**0.37**		0.35	0.0059	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Dibenz(a,h)anthracene	**0.073**	*****	0.035	0.015	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Dibenzofuran	**0.017**	**J**	0.35	0.0049	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Diethyl phthalate	0.0050	U	0.35	0.0050	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Dimethyl phthalate	0.079	U	0.35	0.079	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1

Date Collected: 08/25/20 08:20
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 95.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.061	U	0.35	0.061	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Di-n-octyl phthalate	0.018	U	0.35	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Fluoranthene	**0.73**		0.35	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Fluorene	**0.020**	**J**	0.35	0.0047	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Hexachlorobenzene	0.017	U	0.035	0.017	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Hexachlorobutadiene	0.0074	U	0.070	0.0074	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Hexachloroethane	0.012	U	0.035	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Indeno[1,2,3-cd]pyrene	**0.32**	*****	0.035	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Naphthalene	0.0060	U	0.35	0.0060	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Nitrobenzene	0.0084	U	0.035	0.0084	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
N-Nitrosodi-n-propylamine	0.025	U	0.035	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
N-Nitrosodiphenylamine	0.0067	U	0.35	0.0067	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Phenanthrene	**0.45**		0.35	0.0061	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1
Pyrene	**0.73**		0.35	0.0087	mg/Kg	☼	08/27/20 09:32	08/27/20 23:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.8*	*A J*	*mg/Kg*	☼	*2.81*		*08/27/20 09:32*	*08/27/20 23:05*	*1*
Unknown	*0.31*	*J*	*mg/Kg*	☼	*11.00*		*08/27/20 09:32*	*08/27/20 23:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*25 - 104*	*08/27/20 09:32*	*08/27/20 23:05*	*1*
Nitrobenzene-d5 (Surr)	*62*		*19 - 105*	*08/27/20 09:32*	*08/27/20 23:05*	*1*
Terphenyl-d14 (Surr)	*74*		*25 - 127*	*08/27/20 09:32*	*08/27/20 23:05*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0094	U	0.070	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1221	0.0094	U	0.070	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1232	0.0094	U	0.070	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1242	0.0094	U	0.070	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1248	0.0094	U	0.070	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1254	0.0097	U	0.070	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1260	0.0097	U	0.070	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor-1262	0.0097	U	0.070	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Aroclor 1268	0.0097	U	0.070	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1
Polychlorinated biphenyls, Total	0.0097	U	0.070	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*10 - 150*	*08/27/20 09:25*	*08/28/20 12:18*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 150*	*08/27/20 09:25*	*08/28/20 12:18*	*1*
Tetrachloro-m-xylene	*76*		*58 - 145*	*08/27/20 09:25*	*08/28/20 12:18*	*1*
Tetrachloro-m-xylene	*81*		*58 - 145*	*08/27/20 09:25*	*08/28/20 12:18*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8440**		17.0	2.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Antimony	**0.22**	**J**	0.85	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Arsenic	**5.4**		0.85	0.085	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Barium	**46.7**		1.7	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1
Date Collected: 08/25/20 08:20
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 95.1

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.39		0.34	0.048	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Cadmium	2.2		0.85	0.096	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Calcium	1990		84.8	14.4	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Chromium	18.1		1.7	0.15	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Cobalt	8.5		1.7	0.13	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Copper	41.1		1.7	0.19	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Iron	32700		50.9	17.1	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Lead	55.9		0.51	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Magnesium	1560		84.8	8.7	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Manganese	813		3.4	0.34	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Nickel	122		1.7	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Potassium	473		84.8	9.5	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Selenium	0.42	J	1.1	0.10	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Silver	0.088	J	0.85	0.075	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Sodium	67.4	J	84.8	13.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Thallium	0.12	J	0.34	0.035	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Vanadium	21.2		1.7	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1
Zinc	505		6.8	1.9	mg/Kg	☼	08/27/20 14:15	08/27/20 22:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.47		0.018	0.0041	mg/Kg	☼	08/27/20 03:43	08/27/20 08:37	1

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2
Date Collected: 08/25/20 09:25
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 97.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,1-Dichloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,1-Dichloroethene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,2-Dichloroethane	0.00036	U	0.0012	0.00036	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,2-Dichloropropane	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
2-Butanone (MEK)	0.0033	U	0.0062	0.0033	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
2-Hexanone	0.0021	U	0.0062	0.0021	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Acetone	0.0070	U	0.0074	0.0070	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Bromoform	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Bromomethane	0.00058	U	0.0012	0.00058	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2

Date Collected: 08/25/20 09:25
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 97.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Chloroethane	0.00064	U	0.0012	0.00064	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Chloroform	0.00039	U	0.0012	0.00039	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Isopropylbenzene	0.00016	U	0.0012	0.00016	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Methyl acetate	0.0053	U	0.0062	0.0053	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Methylcyclohexane	0.00061	U	0.0012	0.00061	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Methylene Chloride	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Tetrachloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Trichloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Trichlorofluoromethane	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Vinyl chloride	0.00067	U	0.0012	0.00067	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1
Xylenes, Total	0.00021	U	0.0025	0.00021	mg/Kg	☼	08/26/20 20:00	08/29/20 08:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/26/20 20:00*	*08/29/20 08:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*77 - 145*	*08/26/20 20:00*	*08/29/20 08:19*	*1*
4-Bromofluorobenzene	*114*		*79 - 125*	*08/26/20 20:00*	*08/29/20 08:19*	*1*
Dibromofluoromethane (Surr)	*114*		*48 - 150*	*08/26/20 20:00*	*08/29/20 08:19*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/26/20 20:00*	*08/29/20 08:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
1,2-Dichlorobenzene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
1,4-Dioxane	0.0094	U	0.10	0.0094	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
2,2'-oxybis[1-chloropropane]	0.0062	U	0.34	0.0062	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
2,4-Dinitrotoluene	0.037	U	0.069	0.037	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2

Date Collected: 08/25/20 09:25
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 97.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.025	U	0.069	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
2-Methylnaphthalene	0.0095	U	0.34	0.0095	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Benzo[a]pyrene	0.0091	U *	0.034	0.0091	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Benzo[b]fluoranthene	0.0088	U	0.034	0.0088	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Benzo[g,h,i]perylene	0.010	U	0.34	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Benzo[k]fluoranthene	0.0067	U	0.034	0.0067	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Bis(2-chloroethoxy)methane	0.027	U	0.34	0.027	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Chrysene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Dibenz(a,h)anthracene	0.015	U *	0.034	0.015	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Dibenzofuran	0.0048	U	0.34	0.0048	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Dimethyl phthalate	0.077	U	0.34	0.077	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Di-n-butyl phthalate	0.060	U	0.34	0.060	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Hexachlorobutadiene	0.0072	U	0.069	0.0072	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Indeno[1,2,3-cd]pyrene	0.013	U *	0.034	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Isophorone	0.098	U	0.14	0.098	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Naphthalene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Nitrobenzene	0.0082	U	0.034	0.0082	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Phenanthrene	0.0060	U	0.34	0.0060	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1
Pyrene	0.0085	U	0.34	0.0085	mg/Kg	☼	08/27/20 09:32	08/27/20 22:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.2*	*A J*	*mg/Kg*	☼	*2.80*		*08/27/20 09:32*	*08/27/20 22:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*25 - 104*	*08/27/20 09:32*	*08/27/20 22:21*	*1*

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2

Date Collected: 08/25/20 09:25
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 97.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*67*		*19 - 105*	*08/27/20 09:32*	*08/27/20 22:21*	*1*
Terphenyl-d14 (Surr)	*78*		*25 - 127*	*08/27/20 09:32*	*08/27/20 22:21*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0092	U	0.069	0.0092	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1221	0.0092	U	0.069	0.0092	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1232	0.0092	U	0.069	0.0092	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1242	0.0092	U	0.069	0.0092	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1248	0.0092	U	0.069	0.0092	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1254	0.0095	U	0.069	0.0095	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1260	0.0095	U	0.069	0.0095	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor-1262	0.0095	U	0.069	0.0095	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Aroclor 1268	0.0095	U	0.069	0.0095	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1
Polychlorinated biphenyls, Total	0.0095	U	0.069	0.0095	mg/Kg	☼	08/27/20 09:25	08/28/20 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*08/27/20 09:25*	*08/28/20 12:34*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*08/27/20 09:25*	*08/28/20 12:34*	*1*
Tetrachloro-m-xylene	*106*		*58 - 145*	*08/27/20 09:25*	*08/28/20 12:34*	*1*
Tetrachloro-m-xylene	*113*		*58 - 145*	*08/27/20 09:25*	*08/28/20 12:34*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3970**		15.7	2.0	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Antimony	0.11	U	0.79	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Arsenic	**1.3**		0.79	0.079	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Barium	**20.7**		1.6	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Beryllium	**0.20**	**J**	0.31	0.045	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Cadmium	0.089	U	0.79	0.089	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Calcium	**434**		78.5	13.4	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Chromium	**10.5**		1.6	0.14	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Cobalt	**4.8**		1.6	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Copper	**9.5**		1.6	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Iron	**12400**		47.1	15.9	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Lead	**2.6**		0.47	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Magnesium	**1190**		78.5	8.0	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Manganese	**286**		3.1	0.32	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Nickel	**9.0**		1.6	0.15	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Potassium	**405**		78.5	8.8	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Selenium	0.093	U	0.98	0.093	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Silver	0.070	U	0.79	0.070	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Sodium	**48.2**	**J**	78.5	12.3	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Thallium	**0.051**	**J**	0.31	0.032	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Vanadium	**11.6**		1.6	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1
Zinc	**11.4**		6.3	1.8	mg/Kg	☼	08/27/20 14:15	08/27/20 22:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J**	0.017	0.0040	mg/Kg	☼	08/27/20 03:43	08/27/20 08:39	1

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3

Date Collected: 08/25/20 10:00
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 85.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00034	U	0.0014	0.00034	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,1,2,2-Tetrachloroethane	0.00031	U	0.0014	0.00031	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00043	U	0.0014	0.00043	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,1,2-Trichloroethane	0.00026	U	0.0014	0.00026	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,1-Dichloroethane	0.00030	U	0.0014	0.00030	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,1-Dichloroethene	0.00032	U	0.0014	0.00032	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,2,3-Trichlorobenzene	0.00026	U	0.0014	0.00026	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,2,4-Trichlorobenzene	0.00052	U	0.0014	0.00052	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,2-Dibromo-3-Chloropropane	0.00066	U	0.0014	0.00066	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,2-Dichlorobenzene	0.00021	U	0.0014	0.00021	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,2-Dichloroethane	0.00043	U	0.0014	0.00043	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,2-Dichloropropane	0.00061	U	0.0014	0.00061	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,3-Dichlorobenzene	0.00023	U	0.0014	0.00023	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
1,4-Dichlorobenzene	0.00032	U	0.0014	0.00032	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
2-Butanone (MEK)	0.0039	U	0.0072	0.0039	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
2-Hexanone	0.0025	U	0.0072	0.0025	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0072	0.0022	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Acetone	0.0083	U	0.0087	0.0083	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Benzene	0.00037	U	0.0014	0.00037	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Bromoform	0.00061	U	0.0014	0.00061	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Bromomethane	0.00068	U	0.0014	0.00068	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Carbon disulfide	0.00038	U	0.0014	0.00038	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Carbon tetrachloride	0.00056	U	0.0014	0.00056	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Chlorobenzene	0.00026	U	0.0014	0.00026	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Chlorobromomethane	0.00041	U	0.0014	0.00041	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Chlorodibromomethane	0.00028	U	0.0014	0.00028	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Chloroethane	0.00075	U	0.0014	0.00075	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Chloroform	0.00046	U	0.0014	0.00046	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Chloromethane	0.00063	U	0.0014	0.00063	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
cis-1,2-Dichloroethene	0.00022	U	0.0014	0.00022	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
cis-1,3-Dichloropropene	0.00039	U	0.0014	0.00039	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Cyclohexane	0.00032	U	0.0014	0.00032	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Dichlorobromomethane	0.00037	U	0.0014	0.00037	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Dichlorodifluoromethane	0.00049	U	0.0014	0.00049	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Ethylbenzene	0.00029	U	0.0014	0.00029	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Ethylene Dibromide	0.00026	U	0.0014	0.00026	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Isopropylbenzene	0.00018	U	0.0014	0.00018	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Methyl acetate	0.0062	U	0.0072	0.0062	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Methyl tert-butyl ether	0.00018	U	0.0014	0.00018	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Methylcyclohexane	0.00072	U	0.0014	0.00072	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Methylene Chloride	0.00067	U	0.0014	0.00067	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
m-Xylene & p-Xylene	0.00025	U	0.0014	0.00025	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
o-Xylene	0.00028	U	0.0014	0.00028	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Styrene	0.00040	U	0.0014	0.00040	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Tetrachloroethene	**0.00084**	**J**	0.0014	0.00021	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Toluene	0.00034	U	0.0014	0.00034	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
trans-1,2-Dichloroethene	0.00036	U	0.0014	0.00036	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
trans-1,3-Dichloropropene	0.00038	U	0.0014	0.00038	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Trichloroethene	0.00021	U	0.0014	0.00021	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3

Date Collected: 08/25/20 10:00
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 85.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00059	U	0.0014	0.00059	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Vinyl chloride	0.00079	U	0.0014	0.00079	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1
Xylenes, Total	0.00025	U	0.0029	0.00025	mg/Kg	☼	08/26/20 20:01	08/29/20 08:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/26/20 20:01*	*08/29/20 08:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*08/26/20 20:01*	*08/29/20 08:43*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*	*08/26/20 20:01*	*08/29/20 08:43*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*08/26/20 20:01*	*08/29/20 08:43*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*08/26/20 20:01*	*08/29/20 08:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0099	U	0.039	0.0099	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
1,2-Dichlorobenzene	0.0066	U	0.39	0.0066	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
1,3-Dichlorobenzene	0.0051	U	0.39	0.0051	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
1,4-Dichlorobenzene	0.015	U	0.39	0.015	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
1,4-Dioxane	0.011	U	0.12	0.011	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
2,2'-oxybis[1-chloropropane]	0.0070	U	0.39	0.0070	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
2,4-Dinitrotoluene	0.042	U	0.078	0.042	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
2,6-Dinitrotoluene	0.028	U	0.078	0.028	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
2-Chloronaphthalene	0.018	U	0.39	0.018	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
2-Methylnaphthalene	0.011	U	0.39	0.011	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
2-Nitroaniline	0.014	U	0.39	0.014	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
3,3'-Dichlorobenzidine	0.058	U	0.16	0.058	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
3-Nitroaniline	0.043	U	0.39	0.043	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
4-Bromophenyl phenyl ether	0.015	U	0.39	0.015	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
4-Chloroaniline	0.027	U	0.39	0.027	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
4-Nitroaniline	0.044	U	0.39	0.044	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Acenaphthene	0.028	U	0.39	0.028	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Acenaphthylene	0.0040	U	0.39	0.0040	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Anthracene	**0.051**	**J**	0.39	0.012	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Benzo[a]anthracene	**0.26**		0.039	0.013	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Benzo[a]pyrene	**0.32**	*	0.039	0.010	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Benzo[b]fluoranthene	**0.48**		0.039	0.010	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Benzo[g,h,i]perylene	**0.16**	**J**	0.39	0.011	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Benzo[k]fluoranthene	**0.17**		0.039	0.0076	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Bis(2-chloroethoxy)methane	0.030	U	0.39	0.030	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Bis(2-chloroethyl)ether	0.013	U	0.039	0.013	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Bis(2-ethylhexyl) phthalate	**0.11**	**J**	0.39	0.020	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Butyl benzyl phthalate	0.018	U	0.39	0.018	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Carbazole	**0.027**	**J**	0.39	0.015	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Chrysene	**0.30**	**J**	0.39	0.0065	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Dibenz(a,h)anthracene	**0.050**	*	0.039	0.017	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Dibenzofuran	0.0054	U	0.39	0.0054	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Diethyl phthalate	0.0056	U	0.39	0.0056	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Dimethyl phthalate	0.088	U	0.39	0.088	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3

Date Collected: 08/25/20 10:00
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 85.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.068	U	0.39	0.068	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Di-n-octyl phthalate	0.020	U	0.39	0.020	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Fluoranthene	**0.62**		0.39	0.013	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Fluorene	0.0052	U	0.39	0.0052	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Hexachlorobenzene	0.018	U	0.039	0.018	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Hexachlorobutadiene	0.0082	U	0.078	0.0082	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Hexachlorocyclopentadiene	0.034	U	0.39	0.034	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Hexachloroethane	0.013	U	0.039	0.013	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Indeno[1,2,3-cd]pyrene	**0.18**	*	0.039	0.015	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Isophorone	0.11	U	0.16	0.11	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Naphthalene	0.0067	U	0.39	0.0067	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Nitrobenzene	0.0093	U	0.039	0.0093	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
N-Nitrosodiphenylamine	0.0074	U	0.39	0.0074	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Phenanthrene	**0.26**	**J**	0.39	0.0068	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1
Pyrene	**0.49**		0.39	0.0096	mg/Kg	☼	08/27/20 09:32	08/28/20 02:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.7*	*A J*	*mg/Kg*	☼	*2.82*		*08/27/20 09:32*	*08/28/20 02:48*	*1*
Unknown	*0.34*	*J*	*mg/Kg*	☼	*12.53*		*08/27/20 09:32*	*08/28/20 02:48*	*1*
Unknown	*1.1*	*J*	*mg/Kg*	☼	*13.94*		*08/27/20 09:32*	*08/28/20 02:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*25 - 104*	*08/27/20 09:32*	*08/28/20 02:48*	*1*
Nitrobenzene-d5 (Surr)	*56*		*19 - 105*	*08/27/20 09:32*	*08/28/20 02:48*	*1*
Terphenyl-d14 (Surr)	*58*		*25 - 127*	*08/27/20 09:32*	*08/28/20 02:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.010	U	0.078	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1221	0.010	U	0.078	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1232	0.010	U	0.078	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1242	0.010	U	0.078	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1248	0.010	U	0.078	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1254	0.011	U	0.078	0.011	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1260	0.011	U	0.078	0.011	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor-1262	0.011	U	0.078	0.011	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Aroclor 1268	0.011	U	0.078	0.011	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1
Polychlorinated biphenyls, Total	0.011	U	0.078	0.011	mg/Kg	☼	08/27/20 09:25	08/28/20 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*08/27/20 09:25*	*08/28/20 12:51*	*1*
DCB Decachlorobiphenyl	*137*		*10 - 150*	*08/27/20 09:25*	*08/28/20 12:51*	*1*
Tetrachloro-m-xylene	*111*		*58 - 145*	*08/27/20 09:25*	*08/28/20 12:51*	*1*
Tetrachloro-m-xylene	*118*		*58 - 145*	*08/27/20 09:25*	*08/28/20 12:51*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6710**		18.8	2.4	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Antimony	**2.6**		0.94	0.14	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Arsenic	**3.6**		0.94	0.094	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3

Date Collected: 08/25/20 10:00
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 85.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**283**		1.9	0.14	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Beryllium	**0.43**		0.38	0.054	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Cadmium	**0.50**	**J**	0.94	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Calcium	**27800**		94.1	16.0	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Chromium	**13.8**		1.9	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Cobalt	**3.4**		1.9	0.14	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Copper	**24.3**		1.9	0.21	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Iron	**16100**		56.5	19.0	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Lead	**199**		0.56	0.19	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Magnesium	**3690**		94.1	9.6	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Manganese	**399**		3.8	0.38	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Nickel	**8.8**		1.9	0.18	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Potassium	**293**		94.1	10.5	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Selenium	**0.57**	**J**	1.2	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Silver	0.084	U	0.94	0.084	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Sodium	**126**		94.1	14.7	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Thallium	**0.060**	**J**	0.38	0.039	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Vanadium	**16.8**		1.9	0.19	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1
Zinc	**226**		7.5	2.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.086**		0.019	0.0044	mg/Kg	☼	08/27/20 03:43	08/27/20 08:40	1

Client Sample ID: SB-09_1-3_20200825
Lab Sample ID: 460-216817-4

Date Collected: 08/25/20 11:50
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 94.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00041	U	0.0018	0.00041	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,1,2,2-Tetrachloroethane	0.00038	U	0.0018	0.00038	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00053	U	0.0018	0.00053	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,1,2-Trichloroethane	0.00032	U	0.0018	0.00032	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,1-Dichloroethane	0.00036	U	0.0018	0.00036	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,1-Dichloroethene	0.00040	U	0.0018	0.00040	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,2,3-Trichlorobenzene	0.00032	U	0.0018	0.00032	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,2,4-Trichlorobenzene	0.00063	U	0.0018	0.00063	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,2-Dibromo-3-Chloropropane	0.00081	U	0.0018	0.00081	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,2-Dichlorobenzene	0.00026	U	0.0018	0.00026	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,2-Dichloroethane	0.00052	U	0.0018	0.00052	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,2-Dichloropropane	0.00075	U	0.0018	0.00075	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,3-Dichlorobenzene	0.00028	U	0.0018	0.00028	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
1,4-Dichlorobenzene	0.00040	U	0.0018	0.00040	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
2-Butanone (MEK)	0.0048	U	0.0089	0.0048	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
2-Hexanone	0.0030	U	0.0089	0.0030	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
4-Methyl-2-pentanone (MIBK)	0.0028	U	0.0089	0.0028	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Acetone	0.010	U	0.011	0.010	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Benzene	0.00046	U	0.0018	0.00046	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Bromoform	0.00075	U	0.0018	0.00075	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1

Client Sample ID: SB-09_1-3_20200825
Lab Sample ID: 460-216817-4

Date Collected: 08/25/20 11:50
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 94.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.00084	U	0.0018	0.00084	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Carbon disulfide	0.00047	U	0.0018	0.00047	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Carbon tetrachloride	0.00069	U	0.0018	0.00069	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Chlorobenzene	0.00031	U	0.0018	0.00031	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Chlorobromomethane	0.00050	U	0.0018	0.00050	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Chlorodibromomethane	0.00034	U	0.0018	0.00034	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Chloroethane	0.00092	U	0.0018	0.00092	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Chloroform	0.00057	U	0.0018	0.00057	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Chloromethane	0.00077	U	0.0018	0.00077	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
cis-1,2-Dichloroethene	0.00027	U	0.0018	0.00027	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
cis-1,3-Dichloropropene	0.00048	U	0.0018	0.00048	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Cyclohexane	0.00039	U	0.0018	0.00039	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Dichlorobromomethane	0.00046	U	0.0018	0.00046	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Dichlorodifluoromethane	0.00060	U	0.0018	0.00060	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Ethylbenzene	0.00035	U	0.0018	0.00035	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Ethylene Dibromide	0.00032	U	0.0018	0.00032	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Isopropylbenzene	0.00022	U	0.0018	0.00022	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Methyl acetate	0.0076	U	0.0089	0.0076	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Methyl tert-butyl ether	0.00022	U	0.0018	0.00022	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Methylcyclohexane	0.00088	U	0.0018	0.00088	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Methylene Chloride	0.00082	U	0.0018	0.00082	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
m-Xylene & p-Xylene	0.00031	U	0.0018	0.00031	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
o-Xylene	0.00034	U	0.0018	0.00034	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Styrene	0.00049	U	0.0018	0.00049	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Tetrachloroethene	0.00025	U	0.0018	0.00025	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Toluene	0.00041	U	0.0018	0.00041	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
trans-1,2-Dichloroethene	0.00044	U	0.0018	0.00044	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
trans-1,3-Dichloropropene	0.00047	U	0.0018	0.00047	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Trichloroethene	0.00026	U	0.0018	0.00026	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Trichlorofluoromethane	0.00072	U	0.0018	0.00072	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Vinyl chloride	0.00097	U	0.0018	0.00097	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1
Xylenes, Total	0.00031	U	0.0035	0.00031	mg/Kg	☼	08/26/20 20:01	08/28/20 21:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/26/20 20:01*	*08/28/20 21:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 145*	*08/26/20 20:01*	*08/28/20 21:45*	*1*
4-Bromofluorobenzene	*94*		*79 - 125*	*08/26/20 20:01*	*08/28/20 21:45*	*1*
Dibromofluoromethane (Surr)	*98*		*48 - 150*	*08/26/20 20:01*	*08/28/20 21:45*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*	*08/26/20 20:01*	*08/28/20 21:45*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0090	U	0.035	0.0090	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
1,2-Dichlorobenzene	0.0060	U	0.35	0.0060	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
1,3-Dichlorobenzene	0.0046	U	0.35	0.0046	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
1,4-Dichlorobenzene	0.013	U	0.35	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
1,4-Dioxane	0.0096	U	0.11	0.0096	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
2,2'-oxybis[1-chloropropane]	0.0063	U	0.35	0.0063	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1

Client Sample ID: SB-09_1-3_20200825
Lab Sample ID: 460-216817-4

Date Collected: 08/25/20 11:50
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 94.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.038	U	0.071	0.038	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
2,6-Dinitrotoluene	0.025	U	0.071	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
2-Chloronaphthalene	0.016	U	0.35	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
2-Methylnaphthalene	0.0098	U	0.35	0.0098	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
2-Nitroaniline	0.013	U	0.35	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
3,3'-Dichlorobenzidine	0.053	U	0.14	0.053	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
3-Nitroaniline	0.039	U	0.35	0.039	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
4-Bromophenyl phenyl ether	0.014	U	0.35	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
4-Chloroaniline	0.024	U	0.35	0.024	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
4-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Acenaphthene	0.025	U	0.35	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Acenaphthylene	0.0036	U	0.35	0.0036	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Anthracene	0.011	U	0.35	0.011	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Benzo[a]anthracene	0.012	U	0.035	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Benzo[a]pyrene	0.0093	U *	0.035	0.0093	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Benzo[b]fluoranthene	0.0090	U	0.035	0.0090	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Benzo[g,h,i]perylene	0.010	U	0.35	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Benzo[k]fluoranthene	0.0068	U	0.035	0.0068	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Bis(2-chloroethyl)ether	0.012	U	0.035	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.35	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Butyl benzyl phthalate	0.016	U	0.35	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Carbazole	0.013	U	0.35	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Chrysene	0.0059	U	0.35	0.0059	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Dibenz(a,h)anthracene	0.015	U *	0.035	0.015	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Dibenzofuran	0.0049	U	0.35	0.0049	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Diethyl phthalate	0.0051	U	0.35	0.0051	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Dimethyl phthalate	0.079	U	0.35	0.079	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Di-n-butyl phthalate	0.062	U	0.35	0.062	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Di-n-octyl phthalate	0.018	U	0.35	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Fluoranthene	0.012	U	0.35	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Fluorene	0.0047	U	0.35	0.0047	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Hexachlorobenzene	0.017	U	0.035	0.017	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Hexachlorobutadiene	0.0074	U	0.071	0.0074	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Hexachloroethane	0.012	U	0.035	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Indeno[1,2,3-cd]pyrene	0.014	U *	0.035	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Naphthalene	0.0060	U	0.35	0.0060	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Nitrobenzene	0.0084	U	0.035	0.0084	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
N-Nitrosodi-n-propylamine	0.025	U	0.035	0.025	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
N-Nitrosodiphenylamine	0.0067	U	0.35	0.0067	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Phenanthrene	0.0061	U	0.35	0.0061	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1
Pyrene	0.0087	U	0.35	0.0087	mg/Kg	☼	08/27/20 09:32	08/27/20 22:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.57*	*A J*	*mg/Kg*	☼	*2.80*		*08/27/20 09:32*	*08/27/20 22:43*	*1*

Client Sample ID: SB-09_1-3_20200825
Date Collected: 08/25/20 11:50
Date Received: 08/25/20 18:00

Lab Sample ID: 460-216817-4
Matrix: Solid
Percent Solids: 94.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		25 - 104	08/27/20 09:32	08/27/20 22:43	1
Nitrobenzene-d5 (Surr)	56		19 - 105	08/27/20 09:32	08/27/20 22:43	1
Terphenyl-d14 (Surr)	65		25 - 127	08/27/20 09:32	08/27/20 22:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0094	U	0.071	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1221	0.0094	U	0.071	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1232	0.0094	U	0.071	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1242	0.0094	U	0.071	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1248	0.0094	U	0.071	0.0094	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1254	0.0097	U	0.071	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1260	0.0097	U	0.071	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor-1262	0.0097	U	0.071	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Aroclor 1268	0.0097	U	0.071	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1
Polychlorinated biphenyls, Total	0.0097	U	0.071	0.0097	mg/Kg	☼	08/27/20 09:25	08/28/20 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	126		10 - 150	08/27/20 09:25	08/28/20 13:08	1
DCB Decachlorobiphenyl	128		10 - 150	08/27/20 09:25	08/28/20 13:08	1
Tetrachloro-m-xylene	120		58 - 145	08/27/20 09:25	08/28/20 13:08	1
Tetrachloro-m-xylene	126		58 - 145	08/27/20 09:25	08/28/20 13:08	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3250**		15.5	2.0	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Antimony	0.11	U	0.78	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Arsenic	**1.2**		0.78	0.078	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Barium	**17.2**		1.6	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Beryllium	**0.17**	**J**	0.31	0.044	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Cadmium	0.088	U	0.78	0.088	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Calcium	**520**		77.6	13.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Chromium	**8.9**		1.6	0.14	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Cobalt	**2.8**		1.6	0.11	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Copper	**7.6**		1.6	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Iron	**13800**		46.6	15.7	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Lead	**3.9**		0.47	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Magnesium	**986**		77.6	7.9	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Manganese	**246**		3.1	0.31	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Nickel	**8.2**		1.6	0.15	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Potassium	**236**		77.6	8.7	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Selenium	**0.11**	**J**	0.97	0.092	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Silver	0.069	U	0.78	0.069	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Sodium	**76.6**	**J**	77.6	12.1	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Thallium	**0.043**	**J**	0.31	0.032	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Vanadium	**10.8**		1.6	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1
Zinc	**15.3**		6.2	1.8	mg/Kg	☼	08/27/20 14:15	08/27/20 22:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.018**		0.017	0.0041	mg/Kg	☼	08/27/20 03:43	08/27/20 08:42	1

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5

Date Collected: 08/25/20 13:10
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 89.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00034	U	0.0015	0.00034	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,1,2,2-Tetrachloroethane	0.00031	U	0.0015	0.00031	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00044	U	0.0015	0.00044	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,1,2-Trichloroethane	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,1-Dichloroethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,1-Dichloroethene	0.00033	U	0.0015	0.00033	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,2,3-Trichlorobenzene	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,2,4-Trichlorobenzene	0.00052	U	0.0015	0.00052	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,2-Dibromo-3-Chloropropane	0.00067	U	0.0015	0.00067	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,2-Dichlorobenzene	0.00021	U	0.0015	0.00021	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,2-Dichloroethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,2-Dichloropropane	0.00061	U	0.0015	0.00061	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,3-Dichlorobenzene	0.00023	U	0.0015	0.00023	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
1,4-Dichlorobenzene	0.00033	U	0.0015	0.00033	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
2-Butanone (MEK)	**0.034**		0.0073	0.0039	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
2-Hexanone	0.0025	U	0.0073	0.0025	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0073	0.0023	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Acetone	**0.19**		0.0087	0.0083	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Benzene	0.00037	U	0.0015	0.00037	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Bromoform	0.00062	U	0.0015	0.00062	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Bromomethane	0.00069	U	0.0015	0.00069	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Carbon disulfide	**0.0015**		0.0015	0.00039	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Carbon tetrachloride	0.00056	U	0.0015	0.00056	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Chlorobenzene	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Chlorobromomethane	0.00041	U	0.0015	0.00041	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Chlorodibromomethane	0.00028	U	0.0015	0.00028	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Chloroethane	0.00076	U	0.0015	0.00076	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Chloroform	0.00046	U	0.0015	0.00046	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Chloromethane	0.00063	U	0.0015	0.00063	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
cis-1,2-Dichloroethene	0.00022	U	0.0015	0.00022	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
cis-1,3-Dichloropropene	0.00040	U	0.0015	0.00040	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Cyclohexane	0.00032	U	0.0015	0.00032	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Dichlorobromomethane	0.00037	U	0.0015	0.00037	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Dichlorodifluoromethane	0.00049	U	0.0015	0.00049	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Ethylbenzene	0.00029	U	0.0015	0.00029	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Ethylene Dibromide	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Isopropylbenzene	0.00018	U	0.0015	0.00018	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Methyl acetate	0.0062	U	0.0073	0.0062	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Methyl tert-butyl ether	0.00018	U	0.0015	0.00018	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Methylcyclohexane	0.00072	U	0.0015	0.00072	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Methylene Chloride	**0.00074**	**J**	0.0015	0.00067	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
m-Xylene & p-Xylene	0.00025	U	0.0015	0.00025	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
o-Xylene	0.00028	U	0.0015	0.00028	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Styrene	0.00040	U	0.0015	0.00040	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Tetrachloroethene	0.00021	U	0.0015	0.00021	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Toluene	**0.00043**	**J**	0.0015	0.00034	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
trans-1,2-Dichloroethene	0.00036	U	0.0015	0.00036	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
trans-1,3-Dichloropropene	0.00039	U	0.0015	0.00039	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Trichloroethene	0.00021	U	0.0015	0.00021	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5

Date Collected: 08/25/20 13:10
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 89.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00059	U	0.0015	0.00059	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Vinyl chloride	0.00079	U	0.0015	0.00079	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1
Xylenes, Total	0.00025	U	0.0029	0.00025	mg/Kg	☼	08/26/20 20:02	08/28/20 22:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/26/20 20:02*	*08/28/20 22:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*	*08/26/20 20:02*	*08/28/20 22:09*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*	*08/26/20 20:02*	*08/28/20 22:09*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*08/26/20 20:02*	*08/28/20 22:09*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/26/20 20:02*	*08/28/20 22:09*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0095	U	0.037	0.0095	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
1,2-Dichlorobenzene	0.0063	U	0.37	0.0063	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
1,3-Dichlorobenzene	0.0049	U	0.37	0.0049	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
1,4-Dichlorobenzene	0.014	U	0.37	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
1,4-Dioxane	0.010	U	0.11	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
2-Methylnaphthalene	**0.012**	**J**	0.37	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
2-Nitroaniline	0.014	U	0.37	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
3-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
4-Chloroaniline	0.026	U	0.37	0.026	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Acenaphthene	**0.043**	**J**	0.37	0.027	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Acenaphthylene	0.0038	U	0.37	0.0038	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Anthracene	**0.084**	**J**	0.37	0.011	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Benzo[a]anthracene	**0.17**		0.037	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Benzo[a]pyrene	**0.18**	*****	0.037	0.0099	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Benzo[b]fluoranthene	**0.25**		0.037	0.0096	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Benzo[g,h,i]perylene	**0.13**	**J**	0.37	0.011	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Benzo[k]fluoranthene	**0.087**		0.037	0.0073	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Carbazole	**0.035**	**J**	0.37	0.014	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Chrysene	**0.17**	**J**	0.37	0.0063	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Dibenz(a,h)anthracene	**0.034**	**J ***	0.037	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Dibenzofuran	**0.028**	**J**	0.37	0.0052	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Diethyl phthalate	0.0054	U	0.37	0.0054	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Dimethyl phthalate	0.084	U	0.37	0.084	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5

Date Collected: 08/25/20 13:10
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 89.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.066	U	0.37	0.066	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Fluoranthene	**0.37**		0.37	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Fluorene	**0.039**	**J**	0.37	0.0050	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Hexachlorobutadiene	0.0079	U	0.075	0.0079	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Indeno[1,2,3-cd]pyrene	**0.14**	*****	0.037	0.015	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Naphthalene	**0.023**	**J**	0.37	0.0064	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Nitrobenzene	0.0089	U	0.037	0.0089	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
N-Nitrosodiphenylamine	0.0071	U	0.37	0.0071	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Phenanthrene	**0.35**	**J**	0.37	0.0065	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1
Pyrene	**0.38**		0.37	0.0092	mg/Kg	☼	08/27/20 09:32	08/27/20 23:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.73*	*A J*	*mg/Kg*	☼	*2.81*		*08/27/20 09:32*	*08/27/20 23:28*	*1*
Unknown	*0.65*	*J*	*mg/Kg*	☼	*9.64*		*08/27/20 09:32*	*08/27/20 23:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*46*		*25 - 104*	*08/27/20 09:32*	*08/27/20 23:28*	*1*
Nitrobenzene-d5 (Surr)	*47*		*19 - 105*	*08/27/20 09:32*	*08/27/20 23:28*	*1*
Terphenyl-d14 (Surr)	*55*		*25 - 127*	*08/27/20 09:32*	*08/27/20 23:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1221	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1232	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1242	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1248	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1254	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1260	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor-1262	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Aroclor 1268	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1
Polychlorinated biphenyls, Total	0.010	U	0.075	0.010	mg/Kg	☼	08/27/20 09:25	08/28/20 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*08/27/20 09:25*	*08/28/20 13:24*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*08/27/20 09:25*	*08/28/20 13:24*	*1*
Tetrachloro-m-xylene	*113*		*58 - 145*	*08/27/20 09:25*	*08/28/20 13:24*	*1*
Tetrachloro-m-xylene	*119*		*58 - 145*	*08/27/20 09:25*	*08/28/20 13:24*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9190**		17.0	2.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Antimony	**0.58**	**J**	0.85	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Arsenic	**5.4**		0.85	0.085	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Barium	**150**		1.7	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5

Date Collected: 08/25/20 13:10
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 89.1

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.45		0.34	0.048	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Cadmium	7.0		0.85	0.096	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Calcium	3830		85.1	14.5	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Chromium	20.4		1.7	0.15	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Cobalt	5.9		1.7	0.13	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Copper	148		1.7	0.19	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Iron	18600		51.0	17.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Lead	243		0.51	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Magnesium	1620		85.1	8.7	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Manganese	291		3.4	0.34	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Nickel	14.0		1.7	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Potassium	582		85.1	9.5	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Selenium	0.63	J	1.1	0.10	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Silver	0.70	J	0.85	0.076	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Sodium	125		85.1	13.3	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Thallium	0.12	J	0.34	0.035	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Vanadium	26.0		1.7	0.18	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1
Zinc	272		6.8	1.9	mg/Kg	☼	08/27/20 14:15	08/27/20 22:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.019	0.0045	mg/Kg	☼	08/27/20 03:43	08/27/20 08:44	1

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6

Date Collected: 08/25/20 13:55
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 98.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,1-Dichloroethene	0.00029	U	0.0013	0.00029	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,2-Dibromo-3-Chloropropane	0.00059	U	0.0013	0.00059	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,2-Dichlorobenzene	0.00018	U	0.0013	0.00018	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,2-Dichloroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,2-Dichloropropane	0.00054	U	0.0013	0.00054	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,3-Dichlorobenzene	0.00020	U	0.0013	0.00020	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
2-Butanone (MEK)	0.0035	U	0.0064	0.0035	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
2-Hexanone	0.0022	U	0.0064	0.0022	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Acetone	0.0073	U	0.0077	0.0073	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Bromoform	0.00054	U	0.0013	0.00054	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Bromomethane	0.00061	U	0.0013	0.00061	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6

Date Collected: 08/25/20 13:55
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 98.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Carbon tetrachloride	0.00049	U	0.0013	0.00049	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Chlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Chloroethane	0.00067	U	0.0013	0.00067	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Chloroform	0.00041	U	0.0013	0.00041	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Chloromethane	0.00056	U	0.0013	0.00056	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
cis-1,2-Dichloroethene	0.00019	U	0.0013	0.00019	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Dichlorobromomethane	0.00033	U	0.0013	0.00033	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Isopropylbenzene	0.00016	U	0.0013	0.00016	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Methyl acetate	0.0055	U	0.0064	0.0055	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Methyl tert-butyl ether	0.00016	U	0.0013	0.00016	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Methylcyclohexane	0.00064	U	0.0013	0.00064	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Methylene Chloride	0.00059	U	0.0013	0.00059	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
o-Xylene	0.00025	U	0.0013	0.00025	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Styrene	0.00036	U	0.0013	0.00036	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Tetrachloroethene	0.00018	U	0.0013	0.00018	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Trichloroethene	0.00018	U	0.0013	0.00018	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Trichlorofluoromethane	0.00052	U	0.0013	0.00052	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Vinyl chloride	0.00070	U	0.0013	0.00070	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1
Xylenes, Total	0.00022	U	0.0026	0.00022	mg/Kg	☼	08/26/20 20:03	08/29/20 09:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/26/20 20:03*	*08/29/20 09:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*	*08/26/20 20:03*	*08/29/20 09:07*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*08/26/20 20:03*	*08/29/20 09:07*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*08/26/20 20:03*	*08/29/20 09:07*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*08/26/20 20:03*	*08/29/20 09:07*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0086	U	0.033	0.0086	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
1,2-Dichlorobenzene	0.0057	U	0.33	0.0057	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.33	0.0061	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6
Date Collected: 08/25/20 13:55
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 98.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
2-Chloronaphthalene	0.016	U	0.33	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
2-Methylnaphthalene	0.0094	U	0.33	0.0094	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
2-Nitroaniline	0.013	U	0.33	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
3,3'-Dichlorobenzidine	0.051	U	0.13	0.051	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
3-Nitroaniline	0.038	U	0.33	0.038	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Acenaphthylene	0.0035	U	0.33	0.0035	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Anthracene	0.010	U	0.33	0.010	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Benzo[a]pyrene	0.0089	U *	0.033	0.0089	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Benzo[b]fluoranthene	0.0087	U	0.033	0.0087	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Benzo[g,h,i]perylene	0.0099	U	0.33	0.0099	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Benzo[k]fluoranthene	0.0066	U	0.033	0.0066	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.33	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Carbazole	0.013	U	0.33	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Chrysene	0.0057	U	0.33	0.0057	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Dibenz(a,h)anthracene	0.015	U *	0.033	0.015	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Dibenzofuran	0.0047	U	0.33	0.0047	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Diethyl phthalate	0.0049	U	0.33	0.0049	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Dimethyl phthalate	0.076	U	0.33	0.076	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Di-n-butyl phthalate	0.059	U	0.33	0.059	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Hexachlorobutadiene	0.0071	U	0.068	0.0071	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Hexachloroethane	0.012	U	0.033	0.012	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Indeno[1,2,3-cd]pyrene	0.013	U *	0.033	0.013	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Isophorone	0.097	U	0.13	0.097	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Naphthalene	0.0058	U	0.33	0.0058	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Nitrobenzene	0.0080	U	0.033	0.0080	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
N-Nitrosodiphenylamine	0.0064	U	0.33	0.0064	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Phenanthrene	0.0059	U	0.33	0.0059	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1
Pyrene	0.0083	U	0.33	0.0083	mg/Kg	☼	08/27/20 09:32	08/27/20 21:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*6.5*	*A J*	*mg/Kg*	☼	*2.80*		*08/27/20 09:32*	*08/27/20 21:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*25 - 104*	*08/27/20 09:32*	*08/27/20 21:58*	*1*

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6

Date Collected: 08/25/20 13:55
Matrix: Solid

Date Received: 08/25/20 18:00
Percent Solids: 98.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*75*		*19 - 105*	*08/27/20 09:32*	*08/27/20 21:58*	*1*
Terphenyl-d14 (Surr)	*82*		*25 - 127*	*08/27/20 09:32*	*08/27/20 21:58*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1221	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1232	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1242	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1248	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1254	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1260	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor-1262	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Aroclor 1268	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1
Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 09:25	08/28/20 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*08/27/20 09:25*	*08/28/20 13:41*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*08/27/20 09:25*	*08/28/20 13:41*	*1*
Tetrachloro-m-xylene	*121*		*58 - 145*	*08/27/20 09:25*	*08/28/20 13:41*	*1*
Tetrachloro-m-xylene	*127*		*58 - 145*	*08/27/20 09:25*	*08/28/20 13:41*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2490**		16.6	2.2	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Antimony	0.12	U	0.83	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Arsenic	**1.1**		0.83	0.083	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Barium	**17.3**		1.7	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Beryllium	**0.14**	**J**	0.33	0.047	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Cadmium	**0.16**	**J**	0.83	0.094	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Calcium	**449**		83.0	14.1	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Chromium	**11.0**		1.7	0.14	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Cobalt	**2.8**		1.7	0.12	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Copper	**8.0**		1.7	0.18	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Iron	**10300**		49.8	16.8	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Lead	**3.3**		0.50	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Magnesium	**827**		83.0	8.5	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Manganese	**233**		3.3	0.33	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Nickel	**6.6**		1.7	0.16	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Potassium	**295**		83.0	9.3	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Selenium	0.098	U	1.0	0.098	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Silver	0.074	U	0.83	0.074	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Sodium	**45.0**	**J**	83.0	13.0	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Thallium	**0.037**	**J**	0.33	0.034	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Vanadium	**8.6**		1.7	0.17	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1
Zinc	**10.9**		6.6	1.9	mg/Kg	☼	08/27/20 14:15	08/27/20 22:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0037	U	0.016	0.0037	mg/Kg	☼	08/27/20 03:43	08/27/20 08:46	1

Client Sample ID: TB_20200825
Lab Sample ID: 460-216817-7

Date Collected: 08/25/20 00:00
Matrix: Water
Date Received: 08/25/20 18:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/28/20 14:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 14:23	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 14:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 14:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 14:23	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 14:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 14:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 14:23	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 14:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 14:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 14:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 14:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 14:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 14:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 14:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 14:23	1
Acetone	**11**		5.0	4.4	ug/L			08/28/20 14:23	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 14:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 14:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 14:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 14:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 14:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 14:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 14:23	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 14:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 14:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 14:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 14:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 14:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 14:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 14:23	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 14:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 14:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 14:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 14:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 14:23	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 14:23	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 14:23	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 14:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 14:23	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 14:23	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 14:23	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 14:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 14:23	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 14:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 14:23	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 14:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 14:23	1

Client Sample ID: TB_20200825
Lab Sample ID: 460-216817-7

Date Collected: 08/25/20 00:00
Matrix: Water
Date Received: 08/25/20 18:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 14:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 14:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/28/20 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 123*		*08/28/20 14:23*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*08/28/20 14:23*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*08/28/20 14:23*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*08/28/20 14:23*	*1*

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1

Date Collected: 08/26/20 08:45
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 99.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,1-Dichloroethene	0.00029	U	0.0013	0.00029	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,2-Dichlorobenzene	0.00018	U	0.0013	0.00018	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,2-Dichloroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,2-Dichloropropane	0.00054	U	0.0013	0.00054	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,3-Dichlorobenzene	0.00020	U	0.0013	0.00020	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
2-Butanone (MEK)	0.0034	U	0.0064	0.0034	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
2-Hexanone	0.0022	U	0.0064	0.0022	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Acetone	0.0073	U	0.0076	0.0073	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Bromoform	0.00054	U	0.0013	0.00054	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Bromomethane	0.00060	U	0.0013	0.00060	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Carbon tetrachloride	0.00049	U	0.0013	0.00049	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Chlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Chloroethane	0.00066	U	0.0013	0.00066	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Chloroform	0.00041	U	0.0013	0.00041	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Chloromethane	0.00055	U	0.0013	0.00055	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
cis-1,2-Dichloroethene	0.00019	U	0.0013	0.00019	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Dichlorobromomethane	0.00033	U	0.0013	0.00033	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1

Date Collected: 08/26/20 08:45
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 99.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Isopropylbenzene	0.00016	U	0.0013	0.00016	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Methyl acetate	0.0055	U	0.0064	0.0055	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Methyl tert-butyl ether	0.00016	U	0.0013	0.00016	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Methylcyclohexane	0.00063	U *	0.0013	0.00063	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Methylene Chloride	0.00059	U	0.0013	0.00059	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
o-Xylene	0.00025	U	0.0013	0.00025	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Styrene	0.00035	U	0.0013	0.00035	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Tetrachloroethene	**0.00022**	**J**	0.0013	0.00018	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Trichloroethene	0.00018	U	0.0013	0.00018	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Trichlorofluoromethane	0.00052	U	0.0013	0.00052	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Vinyl chloride	0.00069	U	0.0013	0.00069	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1
Xylenes, Total	0.00022	U	0.0025	0.00022	mg/Kg	☼	08/27/20 19:14	08/29/20 15:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/27/20 19:14*	*08/29/20 15:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*	*08/27/20 19:14*	*08/29/20 15:04*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*08/27/20 19:14*	*08/29/20 15:04*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*08/27/20 19:14*	*08/29/20 15:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/27/20 19:14*	*08/29/20 15:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0086	U	0.033	0.0086	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
1,2-Dichlorobenzene	0.0057	U	0.33	0.0057	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
3-Nitroaniline	0.038	U	0.33	0.038	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Acenaphthylene	0.0035	U	0.33	0.0035	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Anthracene	0.010	U	0.33	0.010	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1

Date Collected: 08/26/20 08:45
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 99.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Benzo[a]pyrene	0.0089	U	0.033	0.0089	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.33	0.018	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Carbazole	0.013	U	0.33	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Dibenzofuran	0.0047	U	0.33	0.0047	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Dimethyl phthalate	0.076	U	0.33	0.076	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Di-n-butyl phthalate	0.059	U	0.33	0.059	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Hexachlorobutadiene	0.0071	U	0.068	0.0071	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Isophorone	0.097	U	0.13	0.097	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Naphthalene	0.0058	U	0.33	0.0058	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Nitrobenzene	0.0080	U	0.033	0.0080	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
N-Nitrosodiphenylamine	0.0064	U	0.33	0.0064	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Phenanthrene	0.0059	U	0.33	0.0059	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1
Pyrene	0.0083	U	0.33	0.0083	mg/Kg	☼	08/28/20 09:19	08/28/20 21:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*4.1*	*A J*	*mg/Kg*	☼	*3.03*		*08/28/20 09:19*	*08/28/20 21:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*25 - 104*	*08/28/20 09:19*	*08/28/20 21:03*	*1*
Nitrobenzene-d5 (Surr)	*56*		*19 - 105*	*08/28/20 09:19*	*08/28/20 21:03*	*1*
Terphenyl-d14 (Surr)	*65*		*25 - 127*	*08/28/20 09:19*	*08/28/20 21:03*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor 1221	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor 1232	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor 1242	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor 1248	0.0090	U	0.068	0.0090	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor 1254	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor 1260	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Aroclor-1262	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1

Date Collected: 08/26/20 08:45
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 99.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1268	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1
Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093	mg/Kg	☼	08/27/20 18:36	08/28/20 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*08/27/20 18:36*	*08/28/20 14:16*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*08/27/20 18:36*	*08/28/20 14:16*	*1*
Tetrachloro-m-xylene	*107*		*58 - 145*	*08/27/20 18:36*	*08/28/20 14:16*	*1*
Tetrachloro-m-xylene	*103*		*58 - 145*	*08/27/20 18:36*	*08/28/20 14:16*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2390**		16.5	2.2	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Antimony	0.12	U	0.83	0.12	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Arsenic	**1.5**		0.83	0.083	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Barium	**19.5**		1.7	0.12	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Beryllium	**0.20**	**J**	0.33	0.047	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Cadmium	0.093	U	0.83	0.093	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Calcium	**1630**		82.7	14.1	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Chromium	**7.9**		1.7	0.14	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Cobalt	**3.3**		1.7	0.12	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Copper	**9.3**		1.7	0.18	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Iron	**18600**		49.6	16.7	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Lead	**3.1**		0.50	0.17	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Magnesium	**819**		82.7	8.4	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Manganese	**323**		3.3	0.33	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Nickel	**7.2**		1.7	0.16	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Potassium	**325**		82.7	9.3	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Selenium	0.098	U	1.0	0.098	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Silver	0.074	U	0.83	0.074	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Sodium	**48.5**	**J**	82.7	12.9	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Thallium	**0.036**	**J**	0.33	0.034	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Vanadium	**14.6**		1.7	0.17	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1
Zinc	**11.7**		6.6	1.9	mg/Kg	☼	08/28/20 14:55	08/28/20 20:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.017**		0.015	0.0036	mg/Kg	☼	08/28/20 02:59	08/28/20 06:48	1

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2

Date Collected: 08/26/20 09:55
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 98.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,1-Dichloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,1-Dichloroethene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2

Date Collected: 08/26/20 09:55
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 98.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,2-Dichloroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,2-Dichloropropane	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
2-Butanone (MEK)	0.0033	U	0.0062	0.0033	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
2-Hexanone	0.0021	U	0.0062	0.0021	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Acetone	0.0071	U	0.0074	0.0071	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Bromoform	0.00053	U	0.0012	0.00053	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Bromomethane	0.00059	U	0.0012	0.00059	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Carbon disulfide	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Chloroethane	0.00064	U	0.0012	0.00064	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Chloroform	0.00039	U	0.0012	0.00039	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Ethylbenzene	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Isopropylbenzene	0.00016	U	0.0012	0.00016	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Methyl acetate	0.0053	U	0.0062	0.0053	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Methylcyclohexane	0.00062	U *	0.0012	0.00062	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Methylene Chloride	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Tetrachloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Trichloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Trichlorofluoromethane	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Vinyl chloride	0.00067	U	0.0012	0.00067	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1
Xylenes, Total	0.00021	U	0.0025	0.00021	mg/Kg	☼	08/27/20 19:15	08/29/20 15:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/27/20 19:15*	*08/29/20 15:27*	*1*

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2

Date Collected: 08/26/20 09:55
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 98.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 145*	*08/27/20 19:15*	*08/29/20 15:27*	*1*
4-Bromofluorobenzene	*105*		*79 - 125*	*08/27/20 19:15*	*08/29/20 15:27*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*08/27/20 19:15*	*08/29/20 15:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/27/20 19:15*	*08/29/20 15:27*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
1,2-Dichlorobenzene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
1,4-Dioxane	0.0093	U	0.10	0.0093	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
2-Methylnaphthalene	0.0094	U	0.34	0.0094	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Benzo[a]pyrene	0.0090	U	0.034	0.0090	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Benzo[b]fluoranthene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Benzo[k]fluoranthene	0.0066	U	0.034	0.0066	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Chrysene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Dibenzofuran	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Dimethyl phthalate	0.077	U	0.34	0.077	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Di-n-butyl phthalate	0.059	U	0.34	0.059	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Hexachlorobutadiene	0.0072	U	0.068	0.0072	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2

Date Collected: 08/26/20 09:55
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 98.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Isophorone	0.097	U	0.14	0.097	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Naphthalene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Phenanthrene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 09:19	08/28/20 21:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.63*	*A J*	*mg/Kg*	☼	*3.03*		*08/28/20 09:19*	*08/28/20 21:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*25 - 104*	*08/28/20 09:19*	*08/28/20 21:26*	*1*
Nitrobenzene-d5 (Surr)	*54*		*19 - 105*	*08/28/20 09:19*	*08/28/20 21:26*	*1*
Terphenyl-d14 (Surr)	*62*		*25 - 127*	*08/28/20 09:19*	*08/28/20 21:26*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0091	U	0.068	0.0091	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1221	0.0091	U	0.068	0.0091	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1232	0.0091	U	0.068	0.0091	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1242	0.0091	U	0.068	0.0091	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1248	0.0091	U	0.068	0.0091	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1254	0.0094	U	0.068	0.0094	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1260	0.0094	U	0.068	0.0094	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor-1262	0.0094	U	0.068	0.0094	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Aroclor 1268	0.0094	U	0.068	0.0094	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1
Polychlorinated biphenyls, Total	0.0094	U	0.068	0.0094	mg/Kg	☼	08/27/20 18:36	08/28/20 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*08/27/20 18:36*	*08/28/20 14:32*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*08/27/20 18:36*	*08/28/20 14:32*	*1*
Tetrachloro-m-xylene	*120*		*58 - 145*	*08/27/20 18:36*	*08/28/20 14:32*	*1*
Tetrachloro-m-xylene	*109*		*58 - 145*	*08/27/20 18:36*	*08/28/20 14:32*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2750**		15.9	2.1	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Antimony	0.12	U	0.80	0.12	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Arsenic	**0.86**		0.80	0.080	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Barium	**20.7**		1.6	0.12	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Beryllium	**0.17**	**J**	0.32	0.045	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Cadmium	0.090	U	0.80	0.090	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Calcium	**299**		79.5	13.5	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Chromium	**9.0**		1.6	0.14	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Cobalt	**3.0**		1.6	0.12	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Copper	**6.8**		1.6	0.17	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Iron	**12600**		47.7	16.1	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Lead	**1.8**		0.48	0.16	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Magnesium	**1040**		79.5	8.1	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2

Date Collected: 08/26/20 09:55
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 98.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**203**		3.2	0.32	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Nickel	**6.1**		1.6	0.15	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Potassium	**403**		79.5	8.9	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Selenium	0.094	U	0.99	0.094	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Silver	0.071	U	0.80	0.071	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Sodium	**34.6**	**J**	79.5	12.4	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Thallium	0.033	U	0.32	0.033	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Vanadium	**10.5**		1.6	0.16	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1
Zinc	**11.9**		6.4	1.8	mg/Kg	☼	08/28/20 14:55	08/28/20 20:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0053**	**J**	0.017	0.0039	mg/Kg	☼	08/28/20 02:59	08/28/20 06:55	1

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3

Date Collected: 08/26/20 13:40
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,1-Dichloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,1-Dichloroethene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,2-Dichloroethane	0.00036	U	0.0012	0.00036	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,2-Dichloropropane	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
2-Butanone (MEK)	0.0033	U	0.0061	0.0033	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
2-Hexanone	0.0021	U	0.0061	0.0021	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0061	0.0019	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Acetone	0.0070	U	0.0074	0.0070	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Bromoform	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Bromomethane	0.00058	U	0.0012	0.00058	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Carbon disulfide	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Chloroethane	0.00064	U	0.0012	0.00064	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Chloroform	0.00039	U	0.0012	0.00039	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3

Date Collected: 08/26/20 13:40
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Isopropylbenzene	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Methyl acetate	0.0053	U	0.0061	0.0053	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Methylcyclohexane	0.00061	U *	0.0012	0.00061	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Methylene Chloride	**0.0017**		0.0012	0.00057	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Tetrachloroethene	**0.022**		0.0012	0.00018	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Trichloroethene	**0.00018**	**J**	0.0012	0.00018	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Trichlorofluoromethane	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Vinyl chloride	0.00067	U	0.0012	0.00067	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1
Xylenes, Total	0.00021	U	0.0025	0.00021	mg/Kg	☼	08/27/20 19:16	08/29/20 15:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/27/20 19:16*	*08/29/20 15:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*77 - 145*	*08/27/20 19:16*	*08/29/20 15:50*	*1*
4-Bromofluorobenzene	*102*		*79 - 125*	*08/27/20 19:16*	*08/29/20 15:50*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*08/27/20 19:16*	*08/29/20 15:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/27/20 19:16*	*08/29/20 15:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0096	U	0.037	0.0096	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
1,2-Dichlorobenzene	0.0064	U	0.37	0.0064	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
1,3-Dichlorobenzene	0.0050	U	0.37	0.0050	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
1,4-Dichlorobenzene	0.014	U	0.37	0.014	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
1,4-Dioxane	0.010	U	0.11	0.010	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
2,4-Dinitrotoluene	0.040	U	0.076	0.040	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
2-Methylnaphthalene	0.010	U	0.37	0.010	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
2-Nitroaniline	0.014	U	0.37	0.014	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
3-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
4-Chloroaniline	0.026	U	0.37	0.026	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3

Date Collected: 08/26/20 13:40
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 88.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Acenaphthene	0.027	U	0.37	0.027	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Acenaphthylene	**0.085**	**J**	0.37	0.0039	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Anthracene	**0.11**	**J**	0.37	0.011	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Benzo[a]anthracene	**0.62**		0.037	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Benzo[a]pyrene	**0.73**		0.037	0.010	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Benzo[b]fluoranthene	**0.72**		0.037	0.0097	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Benzo[g,h,i]perylene	**0.42**		0.37	0.011	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Benzo[k]fluoranthene	**0.26**		0.037	0.0074	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Butyl benzyl phthalate	0.018	U	0.37	0.018	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Carbazole	**0.041**	**J**	0.37	0.014	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Chrysene	**0.78**		0.37	0.0063	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Dibenz(a,h)anthracene	**0.11**		0.037	0.016	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Dibenzofuran	**0.012**	**J**	0.37	0.0053	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Diethyl phthalate	0.0054	U	0.37	0.0054	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Di-n-butyl phthalate	0.066	U	0.37	0.066	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Fluoranthene	**1.0**		0.37	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Fluorene	**0.023**	**J**	0.37	0.0051	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Hexachlorobutadiene	0.0080	U	0.076	0.0080	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Indeno[1,2,3-cd]pyrene	**0.37**		0.037	0.015	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Naphthalene	0.0065	U	0.37	0.0065	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Nitrobenzene	0.0090	U	0.037	0.0090	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
N-Nitrosodiphenylamine	0.0072	U	0.37	0.0072	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Phenanthrene	**0.52**		0.37	0.0066	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1
Pyrene	**1.3**		0.37	0.0093	mg/Kg	☼	08/28/20 09:19	08/28/20 21:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.43*	*A J*	*mg/Kg*	☼	*3.03*		*08/28/20 09:19*	*08/28/20 21:50*	*1*
Phenanthrene, 1-methyl-	*0.49*	*J N*	*mg/Kg*	☼	*9.40*	*832-69-9*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Phenanthrene, 2,5-dimethyl-	*0.32*	*J N*	*mg/Kg*	☼	*9.82*	*3674-66-6*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Unknown	*0.31*	*J*	*mg/Kg*	☼	*9.90*		*08/28/20 09:19*	*08/28/20 21:50*	*1*
Fluoranthene, 2-methyl-	*0.38*	*J N*	*mg/Kg*	☼	*10.50*	*33543-31-6*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Pyrene, 1-methyl-	*0.31*	*J N*	*mg/Kg*	☼	*10.62*	*2381-21-7*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Benzo[e]pyrene	*0.59*	*J N*	*mg/Kg*	☼	*13.25*	*192-97-2*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Unknown	*0.31*	*J*	*mg/Kg*	☼	*13.63*		*08/28/20 09:19*	*08/28/20 21:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*55*		*25 - 104*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Nitrobenzene-d5 (Surr)	*50*		*19 - 105*	*08/28/20 09:19*	*08/28/20 21:50*	*1*
Terphenyl-d14 (Surr)	*56*		*25 - 127*	*08/28/20 09:19*	*08/28/20 21:50*	*1*

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3

Date Collected: 08/26/20 13:40
Matrix: Solid

Date Received: 08/26/20 18:00
Percent Solids: 88.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1221	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1232	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1242	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1248	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1254	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1260	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor-1262	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Aroclor 1268	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1
Polychlorinated biphenyls, Total	0.010	U	0.076	0.010	mg/Kg	☼	08/27/20 18:36	08/28/20 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*08/27/20 18:36*	*08/28/20 14:48*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*08/27/20 18:36*	*08/28/20 14:48*	*1*
Tetrachloro-m-xylene	*103*		*58 - 145*	*08/27/20 18:36*	*08/28/20 14:48*	*1*
Tetrachloro-m-xylene	*98*		*58 - 145*	*08/27/20 18:36*	*08/28/20 14:48*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8370**		17.7	2.3	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Antimony	**0.19**	**J**	0.89	0.13	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Arsenic	**4.9**		0.89	0.089	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Barium	**146**		1.8	0.13	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Beryllium	**0.48**		0.35	0.050	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Cadmium	**0.27**	**J**	0.89	0.10	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Calcium	**4990**		88.6	15.1	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Chromium	**14.5**		1.8	0.15	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Cobalt	**5.2**		1.8	0.13	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Copper	**76.4**		1.8	0.19	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Iron	**16900**		53.2	17.9	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Lead	**287**		0.53	0.18	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Magnesium	**1480**		88.6	9.0	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Manganese	**560**		3.5	0.36	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Nickel	**11.4**		1.8	0.17	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Potassium	**495**		88.6	9.9	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Selenium	**0.38**	**J**	1.1	0.10	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Silver	**0.10**	**J**	0.89	0.079	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Sodium	**93.7**		88.6	13.8	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Thallium	**0.11**	**J**	0.35	0.036	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Vanadium	**18.7**		1.8	0.18	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1
Zinc	**121**		7.1	2.0	mg/Kg	☼	08/28/20 14:55	08/28/20 20:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.73**		0.018	0.0043	mg/Kg	☼	08/28/20 02:59	08/28/20 06:57	1

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1

Date Collected: 08/27/20 08:25
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 93.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00021	U	0.00091	0.00021	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,1,2,2-Tetrachloroethane	0.00020	U	0.00091	0.00020	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00028	U	0.00091	0.00028	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,1,2-Trichloroethane	0.00016	U	0.00091	0.00016	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,1-Dichloroethane	0.00019	U	0.00091	0.00019	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,1-Dichloroethene	0.00021	U	0.00091	0.00021	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,2,3-Trichlorobenzene	0.00017	U	0.00091	0.00017	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,2,4-Trichlorobenzene	0.00033	U	0.00091	0.00033	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,2-Dibromo-3-Chloropropane	0.00042	U	0.00091	0.00042	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,2-Dichlorobenzene	0.00013	U	0.00091	0.00013	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,2-Dichloroethane	0.00027	U	0.00091	0.00027	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,2-Dichloropropane	0.00039	U	0.00091	0.00039	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,3-Dichlorobenzene	0.00015	U	0.00091	0.00015	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
1,4-Dichlorobenzene	0.00021	U	0.00091	0.00021	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
2-Butanone (MEK)	0.0025	U	0.0046	0.0025	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
2-Hexanone	0.0016	U	0.0046	0.0016	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0046	0.0014	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Acetone	0.0052	U	0.0055	0.0052	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Benzene	0.00024	U	0.00091	0.00024	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Bromoform	0.00039	U	0.00091	0.00039	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Bromomethane	0.00043	U	0.00091	0.00043	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Carbon disulfide	0.00024	U	0.00091	0.00024	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Carbon tetrachloride	0.00035	U	0.00091	0.00035	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Chlorobenzene	0.00016	U	0.00091	0.00016	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Chlorobromomethane	0.00026	U	0.00091	0.00026	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Chlorodibromomethane	0.00018	U	0.00091	0.00018	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Chloroethane	0.00048	U	0.00091	0.00048	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Chloroform	0.00029	U	0.00091	0.00029	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Chloromethane	0.00040	U	0.00091	0.00040	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
cis-1,2-Dichloroethene	0.00014	U	0.00091	0.00014	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
cis-1,3-Dichloropropene	0.00025	U	0.00091	0.00025	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Cyclohexane	0.00020	U	0.00091	0.00020	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Dichlorobromomethane	0.00023	U	0.00091	0.00023	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Dichlorodifluoromethane	0.00031	U	0.00091	0.00031	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Ethylbenzene	0.00018	U	0.00091	0.00018	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Ethylene Dibromide	0.00016	U	0.00091	0.00016	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Isopropylbenzene	0.00012	U	0.00091	0.00012	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Methyl acetate	0.0039	U	0.0046	0.0039	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Methyl tert-butyl ether	0.00011	U	0.00091	0.00011	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Methylcyclohexane	0.00046	U	0.00091	0.00046	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Methylene Chloride	0.00042	U	0.00091	0.00042	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
m-Xylene & p-Xylene	0.00016	U	0.00091	0.00016	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
o-Xylene	0.00018	U	0.00091	0.00018	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Styrene	0.00025	U	0.00091	0.00025	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Tetrachloroethene	**0.00022**	**J**	0.00091	0.00013	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Toluene	0.00021	U	0.00091	0.00021	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
trans-1,2-Dichloroethene	0.00022	U	0.00091	0.00022	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
trans-1,3-Dichloropropene	0.00024	U	0.00091	0.00024	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Trichloroethene	0.00013	U	0.00091	0.00013	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1

Date Collected: 08/27/20 08:25
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 93.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00037	U	0.00091	0.00037	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Vinyl chloride	0.00050	U	0.00091	0.00050	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1
Xylenes, Total	0.00016	U	0.0018	0.00016	mg/Kg	☼	08/28/20 21:05	09/01/20 11:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:05*	*09/01/20 11:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 145*	*08/28/20 21:05*	*09/01/20 11:43*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*	*08/28/20 21:05*	*09/01/20 11:43*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*08/28/20 21:05*	*09/01/20 11:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/28/20 21:05*	*09/01/20 11:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0091	U F1	0.035	0.0091	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
1,2-Dichlorobenzene	0.0060	U F1	0.35	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
1,3-Dichlorobenzene	0.0047	U F1	0.35	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
1,4-Dichlorobenzene	0.013	U F1	0.35	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
1,4-Dioxane	0.0098	U F1	0.11	0.0098	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
2,2'-oxybis[1-chloropropane]	0.0064	U F1	0.35	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
2,4-Dinitrotoluene	0.038	U F1	0.072	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
2,6-Dinitrotoluene	0.026	U F1	0.072	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
2-Chloronaphthalene	0.016	U F1	0.35	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
2-Methylnaphthalene	0.0099	U F1	0.35	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
2-Nitroaniline	0.013	U F1	0.35	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
3,3'-Dichlorobenzidine	0.053	U	0.14	0.053	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
3-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
4-Bromophenyl phenyl ether	0.014	U F1	0.35	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
4-Chloroaniline	0.025	U	0.35	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
4-Chlorophenyl phenyl ether	0.012	U F1	0.35	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
4-Nitroaniline	0.041	U	0.35	0.041	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Acenaphthene	0.026	U F1	0.35	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Acenaphthylene	0.0037	U F1	0.35	0.0037	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Anthracene	0.011	U F1	0.35	0.011	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Benzo[a]anthracene	0.012	U F1	0.035	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Benzo[a]pyrene	0.0094	U F1	0.035	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Benzo[b]fluoranthene	0.0092	U	0.035	0.0092	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Benzo[g,h,i]perylene	0.010	U F1	0.35	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Benzo[k]fluoranthene	0.0069	U F1	0.035	0.0069	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Bis(2-chloroethoxy)methane	0.028	U F1	0.35	0.028	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Bis(2-chloroethyl)ether	0.012	U F1	0.035	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Bis(2-ethylhexyl) phthalate	0.019	U F1	0.35	0.019	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Butyl benzyl phthalate	0.017	U F1	0.35	0.017	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Carbazole	0.013	U F1	0.35	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Chrysene	0.0060	U F1	0.35	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Dibenz(a,h)anthracene	0.015	U F1	0.035	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Dibenzofuran	0.0050	U F1	0.35	0.0050	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Diethyl phthalate	0.0051	U F1	0.35	0.0051	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Dimethyl phthalate	0.080	U F1	0.35	0.080	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1

Date Collected: 08/27/20 08:25
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 93.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.062	U F1	0.35	0.062	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Di-n-octyl phthalate	0.019	U F1	0.35	0.019	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Fluoranthene	0.012	U F1	0.35	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Fluorene	0.0048	U F1	0.35	0.0048	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Hexachlorobenzene	0.017	U F1	0.035	0.017	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Hexachlorobutadiene	0.0075	U F1	0.072	0.0075	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Hexachloroethane	0.012	U F1	0.035	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Indeno[1,2,3-cd]pyrene	0.014	U F1	0.035	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Isophorone	0.10	U F1	0.14	0.10	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Naphthalene	0.0061	U F1	0.35	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Nitrobenzene	0.0085	U F1	0.035	0.0085	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
N-Nitrosodi-n-propylamine	0.026	U F1	0.035	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
N-Nitrosodiphenylamine	0.0068	U F1	0.35	0.0068	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Phenanthrene	0.0062	U F1	0.35	0.0062	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1
Pyrene	0.0088	U F1	0.35	0.0088	mg/Kg	☼	08/28/20 17:09	08/29/20 02:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.5*	*A J*	*mg/Kg*	☼	*2.63*		*08/28/20 17:09*	*08/29/20 02:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*44*		*25 - 104*	*08/28/20 17:09*	*08/29/20 02:48*	*1*
Nitrobenzene-d5 (Surr)	*47*		*19 - 105*	*08/28/20 17:09*	*08/29/20 02:48*	*1*
Terphenyl-d14 (Surr)	*66*		*25 - 127*	*08/28/20 17:09*	*08/29/20 02:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0095	U	0.072	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1221	0.0095	U	0.072	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1232	0.0095	U	0.072	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1242	0.0095	U	0.072	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1248	0.0095	U	0.072	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1254	0.0098	U	0.072	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1260	0.0098	U	0.072	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor-1262	0.0098	U	0.072	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Aroclor 1268	0.0098	U	0.072	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1
Polychlorinated biphenyls, Total	0.0098	U	0.072	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*08/28/20 19:18*	*08/29/20 15:45*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*08/28/20 19:18*	*08/29/20 15:45*	*1*
Tetrachloro-m-xylene	*137*		*58 - 145*	*08/28/20 19:18*	*08/29/20 15:45*	*1*
Tetrachloro-m-xylene	*144*		*58 - 145*	*08/28/20 19:18*	*08/29/20 15:45*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6960**		20.4	2.6	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Antimony	0.15	U F1	1.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Arsenic	**2.4**		1.0	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Barium	**20.7**	**F1**	2.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Beryllium	**0.36**	**J**	0.41	0.058	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1

Date Collected: 08/27/20 08:25
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 93.5

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.12	U	1.0	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Calcium	**1180**	**F1**	102	17.3	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Chromium	**15.2**		2.0	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Cobalt	**4.5**		2.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Copper	**34.5**	**F1**	2.0	0.22	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Iron	**23600**		61.1	20.6	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Lead	**4.5**		0.61	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Magnesium	**1400**	**F1**	102	10.4	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Manganese	**289**		4.1	0.41	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Nickel	**9.5**	**F1**	2.0	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Potassium	**437**		102	11.4	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Selenium	**0.28**	**J**	1.3	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Silver	0.091	U	1.0	0.091	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Sodium	**65.2**	**J**	102	15.9	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Thallium	**0.062**	**J**	0.41	0.042	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Vanadium	**18.7**	**F1**	2.0	0.21	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1
Zinc	**27.5**		8.1	2.3	mg/Kg	☼	08/28/20 18:21	08/30/20 12:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.011**	**J**	0.018	0.0042	mg/Kg	☼	09/02/20 02:34	09/02/20 07:16	1

Client Sample ID: SB-10_17-19_20200827
Lab Sample ID: 460-217009-2

Date Collected: 08/27/20 09:40
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 93.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,1-Dichloroethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,1-Dichloroethene	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,2,4-Trichlorobenzene	0.00042	U	0.0012	0.00042	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,2-Dibromo-3-Chloropropane	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,2-Dichlorobenzene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,2-Dichloroethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,2-Dichloropropane	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,3-Dichlorobenzene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
2-Butanone (MEK)	0.0032	U	0.0059	0.0032	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
2-Hexanone	0.0020	U	0.0059	0.0020	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0059	0.0018	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Acetone	0.0067	U	0.0071	0.0067	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Benzene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Bromoform	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Bromomethane	0.00056	U	0.0012	0.00056	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Carbon disulfide	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1

Client Sample ID: SB-10_17-19_20200827
Lab Sample ID: 460-217009-2

Date Collected: 08/27/20 09:40
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 93.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.00046	U	0.0012	0.00046	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Chlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Chlorobromomethane	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Chlorodibromomethane	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Chloroethane	0.00061	U	0.0012	0.00061	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Chloroform	0.00038	U	0.0012	0.00038	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Chloromethane	0.00051	U	0.0012	0.00051	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
cis-1,2-Dichloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Cyclohexane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Dichlorobromomethane	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Dichlorodifluoromethane	0.00040	U	0.0012	0.00040	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Ethylbenzene	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Ethylene Dibromide	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Isopropylbenzene	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Methyl acetate	0.0051	U	0.0059	0.0051	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Methylcyclohexane	0.00059	U	0.0012	0.00059	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Methylene Chloride	0.00055	U	0.0012	0.00055	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
m-Xylene & p-Xylene	0.00020	U	0.0012	0.00020	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
o-Xylene	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Styrene	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Tetrachloroethene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Toluene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Trichloroethene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Trichlorofluoromethane	0.00048	U	0.0012	0.00048	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Vinyl chloride	0.00064	U	0.0012	0.00064	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1
Xylenes, Total	0.00020	U	0.0024	0.00020	mg/Kg	☼	08/28/20 21:05	08/31/20 08:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:05*	*08/31/20 08:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*77 - 145*	*08/28/20 21:05*	*08/31/20 08:04*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*08/28/20 21:05*	*08/31/20 08:04*	*1*
Dibromofluoromethane (Surr)	*112*		*48 - 150*	*08/28/20 21:05*	*08/31/20 08:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/28/20 21:05*	*08/31/20 08:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0091	U	0.035	0.0091	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
1,2-Dichlorobenzene	0.0060	U	0.35	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
1,3-Dichlorobenzene	0.0047	U	0.35	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
1,4-Dichlorobenzene	0.013	U	0.35	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
1,4-Dioxane	0.0097	U	0.11	0.0097	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
2,2'-oxybis[1-chloropropane]	0.0064	U	0.35	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
2,4-Dinitrotoluene	0.038	U	0.071	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
2,6-Dinitrotoluene	0.025	U	0.071	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1

Client Sample ID: SB-10_17-19_20200827
Lab Sample ID: 460-217009-2

Date Collected: 08/27/20 09:40
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 93.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.016	U	0.35	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
2-Methylnaphthalene	0.0099	U	0.35	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
2-Nitroaniline	0.013	U	0.35	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
3,3'-Dichlorobenzidine	0.053	U	0.14	0.053	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
3-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
4-Bromophenyl phenyl ether	0.014	U	0.35	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
4-Chloroaniline	0.025	U	0.35	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
4-Nitroaniline	0.041	U	0.35	0.041	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Acenaphthene	0.026	U	0.35	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Acenaphthylene	0.0036	U	0.35	0.0036	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Anthracene	0.011	U	0.35	0.011	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Benzo[a]anthracene	0.012	U	0.035	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Benzo[a]pyrene	0.0094	U	0.035	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Benzo[b]fluoranthene	0.0091	U	0.035	0.0091	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Benzo[g,h,i]perylene	0.010	U	0.35	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Benzo[k]fluoranthene	0.0069	U	0.035	0.0069	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Bis(2-chloroethyl)ether	0.012	U	0.035	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Butyl benzyl phthalate	0.017	U	0.35	0.017	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Carbazole	0.013	U	0.35	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Chrysene	0.0060	U	0.35	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Dibenz(a,h)anthracene	0.015	U	0.035	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Dibenzofuran	0.0050	U	0.35	0.0050	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Diethyl phthalate	0.0051	U	0.35	0.0051	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Dimethyl phthalate	0.080	U	0.35	0.080	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Di-n-butyl phthalate	0.062	U	0.35	0.062	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Di-n-octyl phthalate	0.019	U	0.35	0.019	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Fluoranthene	0.012	U	0.35	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Fluorene	0.0048	U	0.35	0.0048	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Hexachlorobenzene	0.017	U	0.035	0.017	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Hexachlorobutadiene	0.0075	U	0.071	0.0075	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Hexachloroethane	0.012	U	0.035	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Indeno[1,2,3-cd]pyrene	0.014	U	0.035	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Naphthalene	0.0061	U	0.35	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Nitrobenzene	0.0085	U	0.035	0.0085	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
N-Nitrosodi-n-propylamine	0.026	U	0.035	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
N-Nitrosodiphenylamine	0.0068	U	0.35	0.0068	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Phenanthrene	0.0062	U	0.35	0.0062	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1
Pyrene	0.0088	U	0.35	0.0088	mg/Kg	☼	08/28/20 17:09	08/29/20 03:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.75*	*A J*	*mg/Kg*	☼	*2.67*		*08/28/20 17:09*	*08/29/20 03:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*44*		*25 - 104*	*08/28/20 17:09*	*08/29/20 03:58*	*1*
Nitrobenzene-d5 (Surr)	*45*		*19 - 105*	*08/28/20 17:09*	*08/29/20 03:58*	*1*

Client Sample ID: SB-10_17-19_20200827
Date Collected: 08/27/20 09:40
Date Received: 08/27/20 18:20

Lab Sample ID: 460-217009-2
Matrix: Solid
Percent Solids: 93.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*52*		*25 - 127*	*08/28/20 17:09*	*08/29/20 03:58*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0095	U	0.071	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1221	0.0095	U	0.071	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1232	0.0095	U	0.071	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1242	0.0095	U	0.071	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1248	0.0095	U	0.071	0.0095	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1254	0.0098	U	0.071	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1260	0.0098	U	0.071	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor-1262	0.0098	U	0.071	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Aroclor 1268	0.0098	U	0.071	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1
Polychlorinated biphenyls, Total	0.0098	U	0.071	0.0098	mg/Kg	☼	08/28/20 19:18	08/29/20 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*154*	*X*	*10 - 150*	*08/28/20 19:18*	*08/29/20 16:01*	*1*
DCB Decachlorobiphenyl	*156*	*X*	*10 - 150*	*08/28/20 19:18*	*08/29/20 16:01*	*1*
Tetrachloro-m-xylene	*150*	*X*	*58 - 145*	*08/28/20 19:18*	*08/29/20 16:01*	*1*
Tetrachloro-m-xylene	*158*	*X*	*58 - 145*	*08/28/20 19:18*	*08/29/20 16:01*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1840**		18.1	2.4	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Antimony	0.13	U	0.90	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Arsenic	**0.52**	**J**	0.90	0.090	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Barium	**24.1**		1.8	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Beryllium	**0.10**	**J**	0.36	0.052	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Cadmium	0.10	U	0.90	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Calcium	**93.9**		90.4	15.4	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Chromium	**4.3**		1.8	0.16	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Cobalt	**1.5**	**J**	1.8	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Copper	**51.2**		1.8	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Iron	**6440**		54.2	18.3	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Lead	**1.2**		0.54	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Magnesium	**536**		90.4	9.2	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Manganese	**106**		3.6	0.36	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Nickel	**7.1**		1.8	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Potassium	**202**		90.4	10.1	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Selenium	0.11	U	1.1	0.11	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Silver	0.080	U	0.90	0.080	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Sodium	**29.9**	**J**	90.4	14.1	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Thallium	0.037	U	0.36	0.037	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Vanadium	**5.5**		1.8	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1
Zinc	**7.8**		7.2	2.1	mg/Kg	☼	08/28/20 18:21	08/30/20 12:13	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.7**		0.080	0.019	mg/Kg	☼	09/02/20 02:34	09/02/20 09:41	5

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3

Date Collected: 08/27/20 09:30
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 89.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.029	U	0.10	0.029	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,1,2,2-Tetrachloroethane	0.019	U	0.10	0.019	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.035	U	0.10	0.035	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,1,2-Trichloroethane	0.0082	U	0.10	0.0082	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,1-Dichloroethane	0.024	U	0.10	0.024	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,1-Dichloroethene	0.027	U	0.10	0.027	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,2,3-Trichlorobenzene	0.036	U	0.10	0.036	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,2,4-Trichlorobenzene	0.028	U	0.10	0.028	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,2-Dibromo-3-Chloropropane	0.023	U	0.10	0.023	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,2-Dichlorobenzene	0.022	U	0.10	0.022	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,2-Dichloroethane	0.025	U	0.10	0.025	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,2-Dichloropropane	0.018	U	0.10	0.018	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,3-Dichlorobenzene	0.034	U	0.10	0.034	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
1,4-Dichlorobenzene	0.034	U	0.10	0.034	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
2-Butanone (MEK)	0.22	U	0.51	0.22	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
2-Hexanone	0.12	U	0.51	0.12	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
4-Methyl-2-pentanone (MIBK)	0.13	U	0.51	0.13	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Acetone	0.45	U	0.51	0.45	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Benzene	0.021	U	0.10	0.021	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Bromoform	0.018	U	0.10	0.018	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Bromomethane	0.056	U	0.10	0.056	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Carbon disulfide	0.069	U	0.10	0.069	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Carbon tetrachloride	**0.040**	**J**	0.10	0.034	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Chlorobenzene	0.024	U	0.10	0.024	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Chlorobromomethane	0.031	U	0.10	0.031	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Chlorodibromomethane	0.022	U	0.10	0.022	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Chloroethane	0.038	U *	0.10	0.038	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Chloroform	0.022	U	0.10	0.022	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Chloromethane	0.041	U	0.10	0.041	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
cis-1,2-Dichloroethene	0.027	U	0.10	0.027	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
cis-1,3-Dichloropropene	0.023	U	0.10	0.023	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Cyclohexane	0.027	U	0.10	0.027	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Dichlorobromomethane	0.015	U	0.10	0.015	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Dichlorodifluoromethane	0.032	U	0.10	0.032	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Ethylbenzene	0.031	U	0.10	0.031	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Ethylene Dibromide	0.019	U	0.10	0.019	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Isopropylbenzene	0.033	U	0.10	0.033	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Methyl acetate	0.080	U	0.51	0.080	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Methyl tert-butyl ether	0.013	U	0.10	0.013	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Methylcyclohexane	0.022	U	0.10	0.022	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Methylene Chloride	0.021	U	0.10	0.021	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
m-Xylene & p-Xylene	0.029	U	0.10	0.029	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
o-Xylene	0.033	U	0.10	0.033	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Styrene	0.017	U	0.10	0.017	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Tetrachloroethene	**14**		0.10	0.037	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Toluene	0.025	U	0.10	0.025	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
trans-1,2-Dichloroethene	0.018	U	0.10	0.018	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
trans-1,3-Dichloropropene	0.019	U	0.10	0.019	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Trichloroethene	**0.43**		0.10	0.022	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3

Date Collected: 08/27/20 09:30
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 89.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.033	U	0.10	0.033	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Vinyl chloride	0.020	U	0.10	0.020	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50
Xylenes, Total	0.029	U	0.20	0.029	mg/Kg	☼	08/28/20 20:56	08/30/20 16:35	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 20:56*	*08/30/20 16:35*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 150*	*08/28/20 20:56*	*08/30/20 16:35*	*50*
4-Bromofluorobenzene	*111*		*62 - 150*	*08/28/20 20:56*	*08/30/20 16:35*	*50*
Dibromofluoromethane (Surr)	*104*		*54 - 150*	*08/28/20 20:56*	*08/30/20 16:35*	*50*
Toluene-d8 (Surr)	*111*		*68 - 148*	*08/28/20 20:56*	*08/30/20 16:35*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0096	U	0.037	0.0096	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
1,2-Dichlorobenzene	0.0063	U	0.37	0.0063	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
1,3-Dichlorobenzene	0.0049	U	0.37	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
1,4-Dichlorobenzene	0.014	U	0.37	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
1,4-Dioxane	0.010	U	0.11	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
2-Methylnaphthalene	0.010	U	0.37	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
2-Nitroaniline	0.014	U	0.37	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
3-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
4-Chloroaniline	0.026	U	0.37	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Acenaphthene	0.027	U	0.37	0.027	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Acenaphthylene	**0.018**	**J**	0.37	0.0038	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Anthracene	0.011	U	0.37	0.011	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Benzo[a]anthracene	**0.23**		0.037	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Benzo[a]pyrene	**0.43**		0.037	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Benzo[b]fluoranthene	**0.63**		0.037	0.0096	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Benzo[g,h,i]perylene	**0.34**	**J**	0.37	0.011	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Benzo[k]fluoranthene	**0.21**		0.037	0.0073	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Carbazole	**0.015**	**J**	0.37	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Chrysene	**0.28**	**J**	0.37	0.0063	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Dibenz(a,h)anthracene	**0.10**		0.037	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Dibenzofuran	0.0052	U	0.37	0.0052	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Diethyl phthalate	0.0054	U	0.37	0.0054	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Dimethyl phthalate	0.084	U	0.37	0.084	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3

Date Collected: 08/27/20 09:30
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 89.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.066	U	0.37	0.066	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Fluoranthene	**0.29**	**J**	0.37	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Fluorene	0.0050	U	0.37	0.0050	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Hexachlorobutadiene	0.0079	U	0.075	0.0079	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Indeno[1,2,3-cd]pyrene	**0.34**		0.037	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Naphthalene	0.0064	U	0.37	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Nitrobenzene	0.0089	U	0.037	0.0089	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
N-Nitrosodiphenylamine	0.0071	U	0.37	0.0071	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Phenanthrene	**0.072**	**J**	0.37	0.0065	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1
Pyrene	**0.34**	**J**	0.37	0.0092	mg/Kg	☼	08/28/20 17:09	08/29/20 09:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.53*	*A J*	*mg/Kg*	☼	*3.09*		*08/28/20 17:09*	*08/29/20 09:53*	*1*
Benzo[e]pyrene	*0.43*	*J N*	*mg/Kg*	☼	*12.83*	*192-97-2*	*08/28/20 17:09*	*08/29/20 09:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*52*		*25 - 104*	*08/28/20 17:09*	*08/29/20 09:53*	*1*
Nitrobenzene-d5 (Surr)	*56*		*19 - 105*	*08/28/20 17:09*	*08/29/20 09:53*	*1*
Terphenyl-d14 (Surr)	*56*		*25 - 127*	*08/28/20 17:09*	*08/29/20 09:53*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1221	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1232	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1242	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1248	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1254	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1260	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor-1262	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Aroclor 1268	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1
Polychlorinated biphenyls, Total	0.010	U	0.075	0.010	mg/Kg	☼	08/28/20 19:18	08/29/20 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*08/28/20 19:18*	*08/29/20 16:18*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*08/28/20 19:18*	*08/29/20 16:18*	*1*
Tetrachloro-m-xylene	*120*		*58 - 145*	*08/28/20 19:18*	*08/29/20 16:18*	*1*
Tetrachloro-m-xylene	*127*		*58 - 145*	*08/28/20 19:18*	*08/29/20 16:18*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7710**		19.2	2.5	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Antimony	**0.58**	**J**	0.96	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Arsenic	**3.1**		0.96	0.096	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Barium	**45.0**		1.9	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3

Date Collected: 08/27/20 09:30
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 89.0

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.38**		0.38	0.055	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Cadmium	0.11	U	0.96	0.11	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Calcium	**1020**		96.1	16.3	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Chromium	**15.0**		1.9	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Cobalt	**4.7**		1.9	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Copper	**133**		1.9	0.21	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Iron	**18200**		57.6	19.4	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Lead	**392**		0.58	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Magnesium	**1460**		96.1	9.8	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Manganese	**286**		3.8	0.39	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Nickel	**9.7**		1.9	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Potassium	**353**		96.1	10.8	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Selenium	**0.35**	**J**	1.2	0.11	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Silver	0.085	U	0.96	0.085	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Sodium	**119**		96.1	15.0	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Thallium	**0.075**	**J**	0.38	0.039	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Vanadium	**19.4**		1.9	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1
Zinc	**63.0**		7.7	2.2	mg/Kg	☼	08/28/20 18:21	08/30/20 12:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.64**		0.017	0.0041	mg/Kg	☼	09/02/20 02:34	09/02/20 09:43	1

Client Sample ID: SB-18_16-18_20200827
Lab Sample ID: 460-217009-4

Date Collected: 08/27/20 09:35
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 96.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U	0.0012	0.00036	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,1-Dichloroethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,1-Dichloroethene	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,2,4-Trichlorobenzene	0.00043	U	0.0012	0.00043	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,2-Dibromo-3-Chloropropane	0.00055	U	0.0012	0.00055	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,2-Dichlorobenzene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,2-Dichloroethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,2-Dichloropropane	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,3-Dichlorobenzene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
1,4-Dichlorobenzene	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
2-Butanone (MEK)	0.0032	U	0.0059	0.0032	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
2-Hexanone	0.0020	U	0.0059	0.0020	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0059	0.0018	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Acetone	0.0068	U	0.0071	0.0068	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Benzene	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Bromoform	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Bromomethane	0.00056	U	0.0012	0.00056	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1

Client Sample ID: SB-18_16-18_20200827
Lab Sample ID: 460-217009-4

Date Collected: 08/27/20 09:35
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 96.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Carbon tetrachloride	0.00046	U	0.0012	0.00046	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Chlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Chlorobromomethane	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Chlorodibromomethane	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Chloroethane	0.00062	U	0.0012	0.00062	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Chloroform	0.00038	U	0.0012	0.00038	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Chloromethane	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
cis-1,2-Dichloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Cyclohexane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Dichlorobromomethane	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Dichlorodifluoromethane	0.00040	U	0.0012	0.00040	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Ethylene Dibromide	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Isopropylbenzene	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Methyl acetate	0.0051	U	0.0059	0.0051	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Methylcyclohexane	0.00059	U	0.0012	0.00059	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Methylene Chloride	0.00055	U	0.0012	0.00055	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
o-Xylene	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Styrene	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Tetrachloroethene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Toluene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
trans-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Trichloroethene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Trichlorofluoromethane	0.00048	U	0.0012	0.00048	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Vinyl chloride	0.00065	U	0.0012	0.00065	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1
Xylenes, Total	0.00021	U	0.0024	0.00021	mg/Kg	☼	08/28/20 21:07	08/31/20 08:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:07*	*08/31/20 08:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 145*	*08/28/20 21:07*	*08/31/20 08:28*	*1*
4-Bromofluorobenzene	*102*		*79 - 125*	*08/28/20 21:07*	*08/31/20 08:28*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*08/28/20 21:07*	*08/31/20 08:28*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*08/28/20 21:07*	*08/31/20 08:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0088	U	0.034	0.0088	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
1,2-Dichlorobenzene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
1,3-Dichlorobenzene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
1,4-Dioxane	0.0095	U	0.10	0.0095	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
2,2'-oxybis[1-chloropropane]	0.0062	U	0.34	0.0062	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
2,4-Dinitrotoluene	0.037	U	0.070	0.037	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1

Client Sample ID: SB-18_16-18_20200827
Lab Sample ID: 460-217009-4

Date Collected: 08/27/20 09:35
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 96.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.025	U	0.070	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
2-Methylnaphthalene	0.0096	U	0.34	0.0096	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
3,3'-Dichlorobenzidine	0.052	U	0.14	0.052	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
3-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
4-Bromophenyl phenyl ether	0.014	U	0.34	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
4-Nitroaniline	0.040	U	0.34	0.040	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Acenaphthylene	0.0036	U	0.34	0.0036	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Benzo[a]pyrene	0.0092	U	0.034	0.0092	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Benzo[b]fluoranthene	0.0089	U	0.034	0.0089	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Benzo[g,h,i]perylene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Benzo[k]fluoranthene	0.0068	U	0.034	0.0068	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Bis(2-chloroethoxy)methane	0.027	U	0.34	0.027	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Chrysene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Dibenzofuran	0.0048	U	0.34	0.0048	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Diethyl phthalate	0.0050	U	0.34	0.0050	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Dimethyl phthalate	0.078	U	0.34	0.078	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Di-n-butyl phthalate	0.061	U	0.34	0.061	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Fluorene	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Hexachlorobutadiene	0.0073	U	0.070	0.0073	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Isophorone	0.099	U	0.14	0.099	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Naphthalene	0.0060	U	0.34	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Nitrobenzene	0.0083	U	0.034	0.0083	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
N-Nitrosodiphenylamine	0.0066	U	0.34	0.0066	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Phenanthrene	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1
Pyrene	0.0086	U	0.34	0.0086	mg/Kg	☼	08/28/20 17:09	08/29/20 04:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.0*	*A J*	*mg/Kg*	☼	*2.67*		*08/28/20 17:09*	*08/29/20 04:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*25 - 104*	*08/28/20 17:09*	*08/29/20 04:22*	*1*

Client Sample ID: SB-18_16-18_20200827
Date Collected: 08/27/20 09:35
Date Received: 08/27/20 18:20

Lab Sample ID: 460-217009-4
Matrix: Solid
Percent Solids: 96.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*56*		*19 - 105*	*08/28/20 17:09*	*08/29/20 04:22*	*1*
Terphenyl-d14 (Surr)	*66*		*25 - 127*	*08/28/20 17:09*	*08/29/20 04:22*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0093	U	0.070	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1221	0.0093	U	0.070	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1232	0.0093	U	0.070	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1242	0.0093	U	0.070	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1248	0.0093	U	0.070	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1254	0.0096	U	0.070	0.0096	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1260	0.0096	U	0.070	0.0096	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor-1262	0.0096	U	0.070	0.0096	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Aroclor 1268	0.0096	U	0.070	0.0096	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1
Polychlorinated biphenyls, Total	0.0096	U	0.070	0.0096	mg/Kg	☼	08/28/20 19:18	08/29/20 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*08/28/20 19:18*	*08/29/20 16:35*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*08/28/20 19:18*	*08/29/20 16:35*	*1*
Tetrachloro-m-xylene	*127*		*58 - 145*	*08/28/20 19:18*	*08/29/20 16:35*	*1*
Tetrachloro-m-xylene	*133*		*58 - 145*	*08/28/20 19:18*	*08/29/20 16:35*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2710**		17.3	2.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Antimony	0.13	U	0.87	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Arsenic	**0.81**	**J**	0.87	0.087	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Barium	**27.8**		1.7	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Beryllium	**0.16**	**J**	0.35	0.049	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Cadmium	0.098	U	0.87	0.098	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Calcium	**334**		86.7	14.7	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Chromium	**8.3**		1.7	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Cobalt	**3.0**		1.7	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Copper	**7.3**		1.7	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Iron	**13700**		52.0	17.5	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Lead	**1.7**		0.52	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Magnesium	**877**		86.7	8.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Manganese	**264**		3.5	0.35	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Nickel	**5.9**		1.7	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Potassium	**329**		86.7	9.7	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Selenium	0.10	U	1.1	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Silver	0.077	U	0.87	0.077	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Sodium	**68.8**	**J**	86.7	13.5	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Thallium	0.036	U	0.35	0.036	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Vanadium	**12.2**		1.7	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1
Zinc	**10.4**		6.9	2.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:17	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0040	U	0.017	0.0040	mg/Kg	☼	09/02/20 02:34	09/02/20 07:22	1

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5

Date Collected: 08/27/20 11:30
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00035	U	0.0015	0.00035	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,1,2,2-Tetrachloroethane	0.00032	U	0.0015	0.00032	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00045	U	0.0015	0.00045	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,1-Dichloroethane	0.00031	U	0.0015	0.00031	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,1-Dichloroethene	0.00034	U	0.0015	0.00034	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,2,3-Trichlorobenzene	0.00027	U	0.0015	0.00027	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,2,4-Trichlorobenzene	0.00054	U	0.0015	0.00054	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,2-Dibromo-3-Chloropropane	0.00069	U	0.0015	0.00069	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,2-Dichlorobenzene	0.00022	U	0.0015	0.00022	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,2-Dichloroethane	0.00044	U	0.0015	0.00044	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,2-Dichloropropane	0.00063	U	0.0015	0.00063	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,3-Dichlorobenzene	0.00024	U	0.0015	0.00024	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
1,4-Dichlorobenzene	0.00034	U	0.0015	0.00034	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
2-Butanone (MEK)	0.0041	U	0.0075	0.0041	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
2-Hexanone	0.0026	U	0.0075	0.0026	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0075	0.0023	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Acetone	0.0086	U	0.0090	0.0086	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Benzene	0.00039	U	0.0015	0.00039	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Bromoform	0.00064	U	0.0015	0.00064	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Bromomethane	0.00071	U	0.0015	0.00071	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Carbon disulfide	0.00040	U	0.0015	0.00040	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Carbon tetrachloride	0.00058	U	0.0015	0.00058	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Chlorobenzene	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Chlorobromomethane	0.00042	U	0.0015	0.00042	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Chlorodibromomethane	0.00029	U	0.0015	0.00029	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Chloroethane	0.00078	U	0.0015	0.00078	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Chloroform	0.00048	U	0.0015	0.00048	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Chloromethane	0.00065	U	0.0015	0.00065	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
cis-1,2-Dichloroethene	0.00023	U	0.0015	0.00023	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
cis-1,3-Dichloropropene	0.00041	U	0.0015	0.00041	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Cyclohexane	0.00033	U	0.0015	0.00033	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Dichlorobromomethane	0.00038	U	0.0015	0.00038	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Dichlorodifluoromethane	0.00051	U	0.0015	0.00051	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Ethylbenzene	0.00030	U	0.0015	0.00030	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Ethylene Dibromide	0.00027	U	0.0015	0.00027	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Isopropylbenzene	0.00019	U	0.0015	0.00019	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Methyl acetate	0.0064	U	0.0075	0.0064	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Methyl tert-butyl ether	0.00019	U	0.0015	0.00019	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Methylcyclohexane	0.00075	U	0.0015	0.00075	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Methylene Chloride	0.00069	U	0.0015	0.00069	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
m-Xylene & p-Xylene	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
o-Xylene	0.00029	U	0.0015	0.00029	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Styrene	0.00042	U	0.0015	0.00042	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Tetrachloroethene	0.00021	U	0.0015	0.00021	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Toluene	0.00035	U	0.0015	0.00035	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
trans-1,2-Dichloroethene	0.00037	U	0.0015	0.00037	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
trans-1,3-Dichloropropene	0.00040	U	0.0015	0.00040	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Trichloroethene	0.00022	U	0.0015	0.00022	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5

Date Collected: 08/27/20 11:30
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00061	U	0.0015	0.00061	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Vinyl chloride	0.00082	U	0.0015	0.00082	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1
Xylenes, Total	0.00026	U	0.0030	0.00026	mg/Kg	☼	08/28/20 21:08	08/31/20 08:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.7*	*J*	*ug/Kg*	☼	*12.25*		*08/28/20 21:08*	*08/31/20 08:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 145*	*08/28/20 21:08*	*08/31/20 08:51*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*08/28/20 21:08*	*08/31/20 08:51*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*08/28/20 21:08*	*08/31/20 08:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*08/28/20 21:08*	*08/31/20 08:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0086	U	0.034	0.0086	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
1,2-Dichlorobenzene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
1,4-Dioxane	0.0093	U	0.10	0.0093	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
2-Methylnaphthalene	0.0094	U	0.34	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Acenaphthene	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Benzo[a]pyrene	0.0090	U	0.034	0.0090	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Benzo[b]fluoranthene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Benzo[k]fluoranthene	0.0066	U	0.034	0.0066	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Chrysene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Dibenzofuran	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Dimethyl phthalate	0.076	U	0.34	0.076	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5

Date Collected: 08/27/20 11:30
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.059	U	0.34	0.059	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Hexachlorobutadiene	0.0072	U	0.068	0.0072	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Isophorone	0.097	U	0.14	0.097	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Naphthalene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Phenanthrene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 17:09	08/29/20 04:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*4.5*	*A J*	*mg/Kg*	☼	*2.65*		*08/28/20 17:09*	*08/29/20 04:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*25 - 104*	*08/28/20 17:09*	*08/29/20 04:45*	*1*
Nitrobenzene-d5 (Surr)	*62*		*19 - 105*	*08/28/20 17:09*	*08/29/20 04:45*	*1*
Terphenyl-d14 (Surr)	*74*		*25 - 127*	*08/28/20 17:09*	*08/29/20 04:45*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1221	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1232	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1242	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1248	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1254	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1260	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor-1262	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Aroclor 1268	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1
Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*145*		*10 - 150*	*08/28/20 19:18*	*08/29/20 16:51*	*1*
DCB Decachlorobiphenyl	*151*	*X*	*10 - 150*	*08/28/20 19:18*	*08/29/20 16:51*	*1*
Tetrachloro-m-xylene	*144*		*58 - 145*	*08/28/20 19:18*	*08/29/20 16:51*	*1*
Tetrachloro-m-xylene	*152*	*X*	*58 - 145*	*08/28/20 19:18*	*08/29/20 16:51*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4290**		16.0	2.1	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Antimony	0.12	U	0.80	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Arsenic	**1.4**		0.80	0.080	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Barium	**24.5**		1.6	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Beryllium	**0.22**	**J**	0.32	0.046	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5

Date Collected: 08/27/20 11:30
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.3

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.091	U	0.80	0.091	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Calcium	**568**		80.1	13.6	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Chromium	**12.8**		1.6	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Cobalt	**4.0**		1.6	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Copper	**9.3**		1.6	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Iron	**15400**		48.1	16.2	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Lead	**7.2**		0.48	0.16	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Magnesium	**1490**		80.1	8.2	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Manganese	**255**		3.2	0.32	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Nickel	**10.6**		1.6	0.16	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Potassium	**466**		80.1	9.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Selenium	**0.19**	**J**	1.0	0.095	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Silver	0.071	U	0.80	0.071	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Sodium	**46.3**	**J**	80.1	12.5	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Thallium	**0.049**	**J**	0.32	0.033	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Vanadium	**14.1**		1.6	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1
Zinc	**92.0**		6.4	1.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.015**	**J**	0.016	0.0037	mg/Kg	☼	09/02/20 02:34	09/02/20 07:23	1

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6

Date Collected: 08/27/20 12:00
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,1,2,2-Tetrachloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,1-Dichloroethane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,1-Dichloroethene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,2-Dichloroethane	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,2-Dichloropropane	0.00052	U	0.0012	0.00052	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
2-Butanone (MEK)	0.0034	U	0.0062	0.0034	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
2-Hexanone	0.0021	U	0.0062	0.0021	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Acetone	0.0071	U	0.0074	0.0071	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Benzene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Bromoform	0.00053	U	0.0012	0.00053	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Bromomethane	0.00059	U	0.0012	0.00059	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Carbon disulfide	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6

Date Collected: 08/27/20 12:00
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.00048	U	0.0012	0.00048	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Chlorobenzene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Chlorobromomethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Chlorodibromomethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Chloroethane	0.00065	U	0.0012	0.00065	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Chloroform	0.00040	U	0.0012	0.00040	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Chloromethane	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Cyclohexane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Dichlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Dichlorodifluoromethane	0.00042	U	0.0012	0.00042	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Ethylbenzene	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Isopropylbenzene	0.00016	U	0.0012	0.00016	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Methyl acetate	0.0053	U	0.0062	0.0053	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Methylcyclohexane	0.00062	U	0.0012	0.00062	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Methylene Chloride	0.00057	U	0.0012	0.00057	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
m-Xylene & p-Xylene	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
o-Xylene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Styrene	0.00034	U	0.0012	0.00034	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Tetrachloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Toluene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Trichloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Trichlorofluoromethane	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Vinyl chloride	0.00068	U	0.0012	0.00068	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1
Xylenes, Total	0.00022	U	0.0025	0.00022	mg/Kg	☼	08/28/20 21:09	08/31/20 09:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:09*	*08/31/20 09:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*77 - 145*	*08/28/20 21:09*	*08/31/20 09:14*	*1*
4-Bromofluorobenzene	*108*		*79 - 125*	*08/28/20 21:09*	*08/31/20 09:14*	*1*
Dibromofluoromethane (Surr)	*114*		*48 - 150*	*08/28/20 21:09*	*08/31/20 09:14*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/28/20 21:09*	*08/31/20 09:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0086	U	0.034	0.0086	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
1,2-Dichlorobenzene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
1,4-Dioxane	0.0093	U	0.10	0.0093	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6

Date Collected: 08/27/20 12:00
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
2-Methylnaphthalene	0.0094	U	0.34	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Acenaphthene	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Benzo[a]anthracene	**0.015**	**J**	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Benzo[a]pyrene	**0.014**	**J**	0.034	0.0090	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Benzo[b]fluoranthene	**0.012**	**J**	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Benzo[k]fluoranthene	**0.0068**	**J**	0.034	0.0066	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Chrysene	**0.011**	**J**	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Dibenzofuran	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Dimethyl phthalate	0.076	U	0.34	0.076	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Di-n-butyl phthalate	0.059	U	0.34	0.059	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Fluoranthene	**0.015**	**J**	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Hexachlorobutadiene	0.0072	U	0.068	0.0072	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Hexachlorocyclopentadiene	0.029	U	0.34	0.029	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Isophorone	0.097	U	0.14	0.097	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Naphthalene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Phenanthrene	**0.0096**	**J**	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 17:09	08/29/20 05:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*14*	*A J*	*mg/Kg*	☼	*2.67*		*08/28/20 17:09*	*08/29/20 05:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*25 - 104*	*08/28/20 17:09*	*08/29/20 05:09*	*1*
Nitrobenzene-d5 (Surr)	*71*		*19 - 105*	*08/28/20 17:09*	*08/29/20 05:09*	*1*

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6

Date Collected: 08/27/20 12:00
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*25 - 127*	*08/28/20 17:09*	*08/29/20 05:09*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1221	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1232	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1242	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1248	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1254	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1260	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor-1262	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Aroclor 1268	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1
Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:08*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:08*	*1*
Tetrachloro-m-xylene	*117*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:08*	*1*
Tetrachloro-m-xylene	*123*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:08*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2610**		16.7	2.2	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Antimony	0.12	U	0.83	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Arsenic	**1.6**		0.83	0.083	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Barium	**22.0**		1.7	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Beryllium	**0.16**	**J**	0.33	0.047	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Cadmium	**0.12**	**J**	0.83	0.094	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Calcium	**1190**		83.3	14.2	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Chromium	**8.4**		1.7	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Cobalt	**2.7**		1.7	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Copper	**13.1**		1.7	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Iron	**9970**		50.0	16.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Lead	**26.7**		0.50	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Magnesium	**1050**		83.3	8.5	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Manganese	**172**		3.3	0.34	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Nickel	**7.0**		1.7	0.16	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Potassium	**631**		83.3	9.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Selenium	0.098	U	1.0	0.098	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Silver	0.074	U	0.83	0.074	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Sodium	**72.5**	**J**	83.3	13.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Thallium	**0.041**	**J**	0.33	0.034	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Vanadium	**10**		1.7	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1
Zinc	**18.9**		6.7	1.9	mg/Kg	☼	08/28/20 18:21	08/30/20 16:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0044**	**J**	0.016	0.0037	mg/Kg	☼	09/02/20 02:52	09/02/20 07:28	1

Client Sample ID: SB-07_6-8_20200827
Lab Sample ID: 460-217009-7

Date Collected: 08/27/20 12:05
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 99.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,1-Dichloroethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,1-Dichloroethene	0.00024	U	0.0011	0.00024	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,2-Dibromo-3-Chloropropane	0.00048	U	0.0011	0.00048	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,2-Dichlorobenzene	0.00015	U	0.0011	0.00015	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,2-Dichloroethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,2-Dichloropropane	0.00045	U	0.0011	0.00045	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,3-Dichlorobenzene	0.00017	U	0.0011	0.00017	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
2-Butanone (MEK)	0.0029	U	0.0053	0.0029	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
2-Hexanone	0.0018	U	0.0053	0.0018	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0053	0.0016	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Acetone	0.0060	U	0.0063	0.0060	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Benzene	0.00027	U	0.0011	0.00027	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Bromoform	0.00045	U	0.0011	0.00045	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Bromomethane	0.00050	U	0.0011	0.00050	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Carbon disulfide	0.00028	U	0.0011	0.00028	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Carbon tetrachloride	0.00041	U	0.0011	0.00041	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Chlorobenzene	0.00019	U	0.0011	0.00019	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Chlorobromomethane	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Chlorodibromomethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Chloroethane	0.00055	U	0.0011	0.00055	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Chloroform	0.00034	U	0.0011	0.00034	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Chloromethane	0.00046	U	0.0011	0.00046	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
cis-1,2-Dichloroethene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Cyclohexane	0.00023	U	0.0011	0.00023	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Dichlorobromomethane	0.00027	U	0.0011	0.00027	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Dichlorodifluoromethane	0.00036	U	0.0011	0.00036	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Ethylbenzene	0.00021	U	0.0011	0.00021	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Ethylene Dibromide	0.00019	U	0.0011	0.00019	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Isopropylbenzene	0.00013	U	0.0011	0.00013	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Methyl acetate	0.0045	U	0.0053	0.0045	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Methyl tert-butyl ether	0.00013	U	0.0011	0.00013	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Methylcyclohexane	0.00053	U	0.0011	0.00053	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Methylene Chloride	0.00049	U	0.0011	0.00049	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
m-Xylene & p-Xylene	0.00018	U	0.0011	0.00018	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
o-Xylene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Styrene	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Tetrachloroethene	**0.012**		0.0011	0.00015	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Toluene	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
trans-1,3-Dichloropropene	0.00028	U	0.0011	0.00028	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Trichloroethene	0.00015	U	0.0011	0.00015	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1

Client Sample ID: SB-07_6-8_20200827
Lab Sample ID: 460-217009-7

Date Collected: 08/27/20 12:05
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 99.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00043	U	0.0011	0.00043	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Vinyl chloride	0.00058	U	0.0011	0.00058	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1
Xylenes, Total	0.00018	U	0.0021	0.00018	mg/Kg	☼	08/28/20 21:10	08/31/20 09:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*130*	*J*	*ug/Kg*	☼	*13.59*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*180*	*J*	*ug/Kg*	☼	*13.96*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*120*	*J*	*ug/Kg*	☼	*14.04*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*140*	*J*	*ug/Kg*	☼	*14.08*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*170*	*J*	*ug/Kg*	☼	*14.15*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*240*	*J*	*ug/Kg*	☼	*14.31*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*110*	*J*	*ug/Kg*	☼	*14.36*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*120*	*J*	*ug/Kg*	☼	*14.39*		*08/28/20 21:10*	*08/31/20 09:37*	*1*
1H-Indene, 2,3-dihydro-4,7-dimethyl-	*260*	*J N*	*ug/Kg*	☼	*14.51*	*6682-71-9*	*08/28/20 21:10*	*08/31/20 09:37*	*1*
Unknown	*570*	*J*	*ug/Kg*	☼	*14.67*		*08/28/20 21:10*	*08/31/20 09:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*77 - 145*	*08/28/20 21:10*	*08/31/20 09:37*	*1*
4-Bromofluorobenzene	*86*		*79 - 125*	*08/28/20 21:10*	*08/31/20 09:37*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*08/28/20 21:10*	*08/31/20 09:37*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*08/28/20 21:10*	*08/31/20 09:37*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0086	U	0.033	0.0086	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
1,2-Dichlorobenzene	0.0057	U	0.33	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
1,4-Dioxane	0.0092	U	0.10	0.0092	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
2-Methylnaphthalene	**0.40**		0.33	0.0093	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
3-Nitroaniline	0.038	U	0.33	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Acenaphthylene	**0.027**	**J**	0.33	0.0034	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Anthracene	0.010	U	0.33	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Benzo[a]pyrene	0.0089	U	0.033	0.0089	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1

Client Sample ID: SB-07_6-8_20200827
Lab Sample ID: 460-217009-7

Date Collected: 08/27/20 12:05
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 99.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Bis(2-ethylhexyl) phthalate	**0.031**	**J**	0.33	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Carbazole	0.013	U	0.33	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Chrysene	**0.045**	**J**	0.33	0.0056	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Dibenzofuran	**0.052**	**J**	0.33	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Dimethyl phthalate	0.076	U	0.33	0.076	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Di-n-butyl phthalate	0.059	U	0.33	0.059	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Fluoranthene	**0.036**	**J**	0.33	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Hexachlorobutadiene	0.0071	U	0.067	0.0071	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Isophorone	0.096	U	0.13	0.096	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Naphthalene	**0.016**	**J**	0.33	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Nitrobenzene	0.0080	U	0.033	0.0080	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
N-Nitrosodiphenylamine	**0.49**		0.33	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Phenanthrene	**0.40**		0.33	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1
Pyrene	**0.10**	**J**	0.33	0.0083	mg/Kg	☼	08/28/20 17:09	08/29/20 05:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*3.1*	*A J*	*mg/Kg*	☼	*2.65*		*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 1-methyl-	*0.85*	*J N*	*mg/Kg*	☼	*6.18*	*90-12-0*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 1-ethyl-	*0.97*	*J N*	*mg/Kg*	☼	*6.63*	*1127-76-0*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 2,6-dimethyl-	*0.81*	*J N*	*mg/Kg*	☼	*6.70*	*581-42-0*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 1,6-dimethyl-	*1.9*	*J N*	*mg/Kg*	☼	*6.77*	*575-43-9*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 1,4-dimethyl-	*0.91*	*J N*	*mg/Kg*	☼	*6.87*	*571-58-4*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 2-(1-methylethyl)-	*1.0*	*J N*	*mg/Kg*	☼	*7.20*	*2027-17-0*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 1,6,7-trimethyl-	*0.98*	*J N*	*mg/Kg*	☼	*7.40*	*2245-38-7*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Naphthalene, 1,4,5-trimethyl-	*0.70*	*J N*	*mg/Kg*	☼	*7.48*	*2131-41-1*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Unknown	*1.4*	*J*	*mg/Kg*	☼	*7.64*		*08/28/20 17:09*	*08/29/20 05:32*	*1*
Decane, 2-methyl-	*1.7*	*J N*	*mg/Kg*	☼	*8.01*	*6975-98-0*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
1,4-Methanonaphthalene,1,4-dihydro-9-((1-methylethylidene)-	*0.68*	*J N*	*mg/Kg*	☼	*8.17*	*7350-72-3*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Phenanthrene, 2-methyl-	*0.98*	*J N*	*mg/Kg*	☼	*9.02*	*2531-84-2*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Phenanthrene, 1-methyl-	*0.49*	*J N*	*mg/Kg*	☼	*9.10*	*832-69-9*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Phenanthrene, 1,7-dimethyl-	*0.73*	*J N*	*mg/Kg*	☼	*9.45*	*483-87-4*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Phenanthrene, 2,5-dimethyl-	*1.5*	*J N*	*mg/Kg*	☼	*9.53*	*3674-66-6*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Phenanthrene, 2,3,5-trimethyl-	*0.97*	*J N*	*mg/Kg*	☼	*9.96*	*3674-73-5*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Unknown	*1.1*	*J*	*mg/Kg*	☼	*10.44*		*08/28/20 17:09*	*08/29/20 05:32*	*1*
Unknown	*0.48*	*J*	*mg/Kg*	☼	*11.63*		*08/28/20 17:09*	*08/29/20 05:32*	*1*
Unknown	*0.67*	*J*	*mg/Kg*	☼	*14.35*		*08/28/20 17:09*	*08/29/20 05:32*	*1*

Client Sample ID: SB-07_6-8_20200827
Date Collected: 08/27/20 12:05
Date Received: 08/27/20 18:20

Lab Sample ID: 460-217009-7
Matrix: Solid
Percent Solids: 99.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*25 - 104*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Nitrobenzene-d5 (Surr)	*59*		*19 - 105*	*08/28/20 17:09*	*08/29/20 05:32*	*1*
Terphenyl-d14 (Surr)	*74*		*25 - 127*	*08/28/20 17:09*	*08/29/20 05:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0090	U	0.067	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1221	0.0090	U	0.067	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1232	0.0090	U	0.067	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1242	0.0090	U	0.067	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1248	0.0090	U	0.067	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1254	0.0093	U	0.067	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1260	0.0093	U	0.067	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor-1262	0.0093	U	0.067	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Aroclor 1268	0.0093	U	0.067	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1
Polychlorinated biphenyls, Total	0.0093	U	0.067	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:25*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:25*	*1*
Tetrachloro-m-xylene	*112*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:25*	*1*
Tetrachloro-m-xylene	*116*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:25*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3110**		17.7	2.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Antimony	0.13	U	0.88	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Arsenic	**1.6**		0.88	0.088	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Barium	**21.5**		1.8	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Beryllium	**0.24**	**J**	0.35	0.050	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Cadmium	0.10	U	0.88	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Calcium	**589**		88.4	15.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Chromium	**11.0**		1.8	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Cobalt	**4.1**		1.8	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Copper	**9.9**		1.8	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Iron	**19700**		53.0	17.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Lead	**4.9**		0.53	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Magnesium	**1270**		88.4	9.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Manganese	**311**		3.5	0.36	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Nickel	**8.4**		1.8	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Potassium	**576**		88.4	9.9	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Selenium	0.10	U	1.1	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Silver	0.079	U	0.88	0.079	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Sodium	**44.2**	**J**	88.4	13.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Thallium	**0.057**	**J**	0.35	0.036	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Vanadium	**15.6**		1.8	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1
Zinc	**23.4**		7.1	2.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0036	U	0.015	0.0036	mg/Kg	☼	09/02/20 02:52	09/02/20 07:39	1

Client Sample ID: SB-07_15-17_20200827
Lab Sample ID: 460-217009-8

Date Collected: 08/27/20 12:10
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00034	U	0.0011	0.00034	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,1-Dichloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,1-Dichloroethene	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,2-Dibromo-3-Chloropropane	0.00052	U	0.0011	0.00052	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,2-Dichlorobenzene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,2-Dichloroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,2-Dichloropropane	0.00048	U	0.0011	0.00048	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,3-Dichlorobenzene	0.00018	U	0.0011	0.00018	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
2-Butanone (MEK)	0.0031	U	0.0056	0.0031	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
2-Hexanone	0.0019	U	0.0056	0.0019	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0056	0.0018	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Acetone	0.0064	U	0.0068	0.0064	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Benzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Bromoform	0.00048	U	0.0011	0.00048	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Bromomethane	0.00053	U	0.0011	0.00053	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Carbon disulfide	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Carbon tetrachloride	0.00044	U	0.0011	0.00044	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Chlorobromomethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Chlorodibromomethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Chloroethane	0.00059	U	0.0011	0.00059	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Chloroform	0.00036	U	0.0011	0.00036	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Chloromethane	0.00049	U	0.0011	0.00049	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
cis-1,2-Dichloroethene	0.00017	U	0.0011	0.00017	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
cis-1,3-Dichloropropene	0.00031	U	0.0011	0.00031	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Cyclohexane	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Dichlorobromomethane	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Dichlorodifluoromethane	0.00038	U	0.0011	0.00038	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Isopropylbenzene	0.00014	U	0.0011	0.00014	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Methyl acetate	0.0048	U	0.0056	0.0048	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Methyl tert-butyl ether	0.00014	U	0.0011	0.00014	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Methylcyclohexane	0.00056	U	0.0011	0.00056	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Methylene Chloride	0.00052	U	0.0011	0.00052	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
m-Xylene & p-Xylene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
o-Xylene	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Styrene	0.00031	U	0.0011	0.00031	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Tetrachloroethene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Toluene	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
trans-1,2-Dichloroethene	0.00028	U	0.0011	0.00028	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Trichloroethene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1

Client Sample ID: SB-07_15-17_20200827
Lab Sample ID: 460-217009-8

Date Collected: 08/27/20 12:10
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00046	U	0.0011	0.00046	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Vinyl chloride	0.00061	U	0.0011	0.00061	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1
Xylenes, Total	0.00020	U	0.0023	0.00020	mg/Kg	☼	08/28/20 21:11	09/01/20 14:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:11*	*09/01/20 14:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 145*	*08/28/20 21:11*	*09/01/20 14:03*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*	*08/28/20 21:11*	*09/01/20 14:03*	*1*
Dibromofluoromethane (Surr)	*113*		*48 - 150*	*08/28/20 21:11*	*09/01/20 14:03*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/28/20 21:11*	*09/01/20 14:03*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
1,2-Dichlorobenzene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
1,4-Dioxane	0.0093	U	0.10	0.0093	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
2-Methylnaphthalene	0.0094	U	0.34	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Benzo[a]pyrene	0.0090	U	0.034	0.0090	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Benzo[b]fluoranthene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Benzo[k]fluoranthene	0.0066	U	0.034	0.0066	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Chrysene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Dibenzofuran	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Dimethyl phthalate	0.077	U	0.34	0.077	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1

Client Sample ID: SB-07_15-17_20200827
Lab Sample ID: 460-217009-8

Date Collected: 08/27/20 12:10
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.059	U	0.34	0.059	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Hexachlorobutadiene	0.0072	U	0.068	0.0072	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Isophorone	0.097	U	0.14	0.097	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Naphthalene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Phenanthrene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 17:09	08/29/20 05:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.9*	*A J*	*mg/Kg*	☼	*2.65*		*08/28/20 17:09*	*08/29/20 05:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*25 - 104*	*08/28/20 17:09*	*08/29/20 05:56*	*1*
Nitrobenzene-d5 (Surr)	*63*		*19 - 105*	*08/28/20 17:09*	*08/29/20 05:56*	*1*
Terphenyl-d14 (Surr)	*81*		*25 - 127*	*08/28/20 17:09*	*08/29/20 05:56*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1221	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1232	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1242	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1248	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1254	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1260	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor-1262	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Aroclor 1268	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1
Polychlorinated biphenyls, Total	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:41*	*1*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:41*	*1*
Tetrachloro-m-xylene	*120*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:41*	*1*
Tetrachloro-m-xylene	*126*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:41*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2210**		20.2	2.6	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Antimony	0.15	U	1.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Arsenic	**0.66**	**J**	1.0	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Barium	**17.1**		2.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Beryllium	**0.16**	**J**	0.40	0.057	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1

Client Sample ID: SB-07_15-17_20200827
Lab Sample ID: 460-217009-8

Date Collected: 08/27/20 12:10
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.11	U	1.0	0.11	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Calcium	**447**		101	17.1	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Chromium	**8.5**		2.0	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Cobalt	**3.0**		2.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Copper	**6.0**		2.0	0.22	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Iron	**9440**		60.5	20.4	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Lead	**1.5**		0.60	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Magnesium	**782**		101	10.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Manganese	**233**		4.0	0.41	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Nickel	**4.9**		2.0	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Potassium	**257**		101	11.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Selenium	0.12	U	1.3	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Silver	0.090	U	1.0	0.090	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Sodium	**49.7**	**J**	101	15.7	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Thallium	0.041	U	0.40	0.041	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Vanadium	**8.0**		2.0	0.21	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1
Zinc	**10.8**		8.1	2.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0039	U	0.016	0.0039	mg/Kg	☼	09/02/20 02:52	09/02/20 07:40	1

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9

Date Collected: 08/27/20 13:45
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,2-Dibromo-3-Chloropropane	0.00047	U	0.0010	0.00047	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,2-Dichlorobenzene	0.00015	U	0.0010	0.00015	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,2-Dichloropropane	0.00044	U	0.0010	0.00044	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
2-Butanone (MEK)	0.0028	U	0.0052	0.0028	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
2-Hexanone	0.0018	U	0.0052	0.0018	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Acetone	0.0059	U	0.0062	0.0059	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Benzene	0.00027	U	0.0010	0.00027	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Bromoform	0.00044	U	0.0010	0.00044	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Bromomethane	0.00049	U	0.0010	0.00049	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9

Date Collected: 08/27/20 13:45
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.00040	U	0.0010	0.00040	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Chlorobromomethane	0.00029	U	0.0010	0.00029	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Chlorodibromomethane	0.00020	U	0.0010	0.00020	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Chloroethane	0.00054	U	0.0010	0.00054	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Chloroform	0.00033	U	0.0010	0.00033	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Chloromethane	0.00045	U	0.0010	0.00045	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
cis-1,2-Dichloroethene	0.00016	U	0.0010	0.00016	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Cyclohexane	0.00023	U	0.0010	0.00023	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Dichlorodifluoromethane	0.00035	U	0.0010	0.00035	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Ethylbenzene	0.00021	U	0.0010	0.00021	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Ethylene Dibromide	0.00019	U	0.0010	0.00019	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Methyl acetate	0.0044	U	0.0052	0.0044	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Methylcyclohexane	0.00051	U	0.0010	0.00051	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Methylene Chloride	0.00048	U	0.0010	0.00048	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
m-Xylene & p-Xylene	0.00018	U	0.0010	0.00018	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
o-Xylene	0.00020	U	0.0010	0.00020	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Styrene	0.00029	U	0.0010	0.00029	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Tetrachloroethene	**0.00041**	**J**	0.0010	0.00015	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Toluene	0.00024	U	0.0010	0.00024	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Trichlorofluoromethane	0.00042	U	0.0010	0.00042	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Vinyl chloride	0.00056	U	0.0010	0.00056	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1
Xylenes, Total	0.00018	U	0.0021	0.00018	mg/Kg	☼	08/28/20 21:12	09/01/20 13:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:12*	*09/01/20 13:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*77 - 145*	*08/28/20 21:12*	*09/01/20 13:40*	*1*
4-Bromofluorobenzene	*108*		*79 - 125*	*08/28/20 21:12*	*09/01/20 13:40*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*08/28/20 21:12*	*09/01/20 13:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/28/20 21:12*	*09/01/20 13:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
1,2-Dichlorobenzene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
1,4-Dioxane	0.0093	U	0.10	0.0093	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9

Date Collected: 08/27/20 13:45
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
2-Methylnaphthalene	0.0094	U	0.34	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Benzo[a]pyrene	0.0090	U	0.034	0.0090	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Benzo[b]fluoranthene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Benzo[k]fluoranthene	0.0066	U	0.034	0.0066	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Chrysene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Dibenzofuran	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Dimethyl phthalate	0.077	U	0.34	0.077	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Di-n-butyl phthalate	0.060	U	0.34	0.060	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Hexachlorobutadiene	0.0072	U	0.068	0.0072	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Isophorone	0.098	U	0.14	0.098	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Naphthalene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Phenanthrene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 17:09	08/29/20 06:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.4*	*A J*	*mg/Kg*	☼	*2.65*		*08/28/20 17:09*	*08/29/20 06:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*25 - 104*	*08/28/20 17:09*	*08/29/20 06:20*	*1*
Nitrobenzene-d5 (Surr)	*58*		*19 - 105*	*08/28/20 17:09*	*08/29/20 06:20*	*1*

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9

Date Collected: 08/27/20 13:45
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*72*		*25 - 127*	*08/28/20 17:09*	*08/29/20 06:20*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1221	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1232	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1242	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1248	0.0091	U	0.068	0.0091	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1254	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1260	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor-1262	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Aroclor 1268	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1
Polychlorinated biphenyls, Total	0.0094	U	0.068	0.0094	mg/Kg	☼	08/28/20 19:18	08/29/20 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:58*	*1*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*08/28/20 19:18*	*08/29/20 17:58*	*1*
Tetrachloro-m-xylene	*127*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:58*	*1*
Tetrachloro-m-xylene	*133*		*58 - 145*	*08/28/20 19:18*	*08/29/20 17:58*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3250**		17.1	2.2	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Antimony	0.13	U	0.86	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Arsenic	**1.2**		0.86	0.086	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Barium	**25.3**		1.7	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Beryllium	**0.17**	**J**	0.34	0.049	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Cadmium	0.097	U	0.86	0.097	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Calcium	**1930**		85.7	14.6	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Chromium	**10.3**		1.7	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Cobalt	**3.2**		1.7	0.13	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Copper	**11.2**		1.7	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Iron	**12200**		51.4	17.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Lead	**17.8**		0.51	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Magnesium	**1230**		85.7	8.7	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Manganese	**212**		3.4	0.35	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Nickel	**7.3**		1.7	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Potassium	**414**		85.7	9.6	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Selenium	0.10	U	1.1	0.10	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Silver	0.076	U	0.86	0.076	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Sodium	**64.6**	**J**	85.7	13.4	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Thallium	**0.036**	**J**	0.34	0.035	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Vanadium	**11.7**		1.7	0.18	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1
Zinc	**23.0**		6.9	2.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0042**	**J**	0.017	0.0039	mg/Kg	☼	09/02/20 02:52	09/02/20 07:42	1

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10

Date Collected: 08/27/20 13:50
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00027	U	0.0011	0.00027	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,1,2,2-Tetrachloroethane	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0011	0.00035	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,1-Dichloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,1-Dichloroethene	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,2,3-Trichlorobenzene	0.00021	U	0.0011	0.00021	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,2,4-Trichlorobenzene	0.00041	U	0.0011	0.00041	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,2-Dibromo-3-Chloropropane	0.00053	U	0.0011	0.00053	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,2-Dichlorobenzene	0.00017	U	0.0011	0.00017	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,2-Dichloroethane	0.00034	U	0.0011	0.00034	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,2-Dichloropropane	0.00048	U	0.0011	0.00048	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,3-Dichlorobenzene	0.00018	U	0.0011	0.00018	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
1,4-Dichlorobenzene	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
2-Butanone (MEK)	0.0031	U	0.0057	0.0031	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
2-Hexanone	0.0020	U	0.0057	0.0020	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0057	0.0018	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Acetone	0.0066	U	0.0069	0.0066	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Benzene	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Bromoform	0.00049	U	0.0011	0.00049	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Bromomethane	0.00054	U	0.0011	0.00054	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Carbon disulfide	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Carbon tetrachloride	0.00044	U	0.0011	0.00044	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Chlorobromomethane	0.00032	U	0.0011	0.00032	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Chlorodibromomethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Chloroethane	0.00060	U	0.0011	0.00060	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Chloroform	0.00037	U	0.0011	0.00037	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Chloromethane	0.00050	U	0.0011	0.00050	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
cis-1,2-Dichloroethene	0.00017	U	0.0011	0.00017	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
cis-1,3-Dichloropropene	0.00031	U	0.0011	0.00031	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Cyclohexane	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Dichlorobromomethane	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Dichlorodifluoromethane	0.00039	U	0.0011	0.00039	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Ethylbenzene	0.00023	U	0.0011	0.00023	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Ethylene Dibromide	0.00021	U	0.0011	0.00021	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Isopropylbenzene	0.00014	U	0.0011	0.00014	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Methyl acetate	0.0049	U	0.0057	0.0049	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Methyl tert-butyl ether	0.00014	U	0.0011	0.00014	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Methylcyclohexane	0.00057	U	0.0011	0.00057	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Methylene Chloride	0.00053	U	0.0011	0.00053	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
m-Xylene & p-Xylene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
o-Xylene	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Styrene	0.00032	U	0.0011	0.00032	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Tetrachloroethene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Toluene	0.00027	U	0.0011	0.00027	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
trans-1,2-Dichloroethene	0.00028	U	0.0011	0.00028	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Trichloroethene	0.00017	U	0.0011	0.00017	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10

Date Collected: 08/27/20 13:50
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00047	U	0.0011	0.00047	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Vinyl chloride	0.00063	U	0.0011	0.00063	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1
Xylenes, Total	0.00020	U	0.0023	0.00020	mg/Kg	☼	08/28/20 21:13	09/01/20 13:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:13*	*09/01/20 13:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 145*	*08/28/20 21:13*	*09/01/20 13:16*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*	*08/28/20 21:13*	*09/01/20 13:16*	*1*
Dibromofluoromethane (Surr)	*112*		*48 - 150*	*08/28/20 21:13*	*09/01/20 13:16*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/28/20 21:13*	*09/01/20 13:16*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0086	U	0.034	0.0086	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
1,2-Dichlorobenzene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
1,4-Dioxane	0.0093	U	0.10	0.0093	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
2,4-Dinitrotoluene	0.036	U	0.068	0.036	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
2,6-Dinitrotoluene	0.024	U	0.068	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
2-Methylnaphthalene	0.0094	U	0.34	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Acenaphthene	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Benzo[a]pyrene	0.0090	U	0.034	0.0090	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Benzo[b]fluoranthene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Benzo[k]fluoranthene	0.0066	U	0.034	0.0066	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Chrysene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Dibenzofuran	0.0047	U	0.34	0.0047	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Dimethyl phthalate	0.076	U	0.34	0.076	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10

Date Collected: 08/27/20 13:50
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 98.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.059	U	0.34	0.059	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Hexachlorobutadiene	0.0071	U	0.068	0.0071	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Hexachlorocyclopentadiene	0.029	U	0.34	0.029	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Isophorone	0.097	U	0.14	0.097	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Naphthalene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Phenanthrene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 17:09	08/29/20 06:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*3.6*	*A J*	*mg/Kg*	☼	*2.65*		*08/28/20 17:09*	*08/29/20 06:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*25 - 104*	*08/28/20 17:09*	*08/29/20 06:43*	*1*
Nitrobenzene-d5 (Surr)	*67*		*19 - 105*	*08/28/20 17:09*	*08/29/20 06:43*	*1*
Terphenyl-d14 (Surr)	*83*		*25 - 127*	*08/28/20 17:09*	*08/29/20 06:43*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1221	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1232	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1242	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1248	0.0090	U	0.068	0.0090	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1254	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1260	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor-1262	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Aroclor 1268	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1
Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093	mg/Kg	☼	08/28/20 19:18	08/29/20 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*08/28/20 19:18*	*08/29/20 18:15*	*1*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*08/28/20 19:18*	*08/29/20 18:15*	*1*
Tetrachloro-m-xylene	*135*		*58 - 145*	*08/28/20 19:18*	*08/29/20 18:15*	*1*
Tetrachloro-m-xylene	*142*		*58 - 145*	*08/28/20 19:18*	*08/29/20 18:15*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3190**		19.7	2.6	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Antimony	0.14	U	0.99	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Arsenic	**1.5**		0.99	0.099	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Barium	**24.6**		2.0	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Beryllium	**0.18**	**J**	0.39	0.056	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10

Date Collected: 08/27/20 13:50
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.5

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.11	U	0.99	0.11	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Calcium	**2110**		98.6	16.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Chromium	**10.6**		2.0	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Cobalt	**3.3**		2.0	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Copper	**11.7**		2.0	0.22	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Iron	**14200**		59.2	19.9	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Lead	**14.3**		0.59	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Magnesium	**1340**		98.6	10.1	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Manganese	**265**		3.9	0.40	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Nickel	**7.7**		2.0	0.19	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Potassium	**439**		98.6	11.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Selenium	0.12	U	1.2	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Silver	0.088	U	0.99	0.088	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Sodium	**69.1**	**J**	98.6	15.4	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Thallium	**0.049**	**J**	0.39	0.040	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Vanadium	**11.7**		2.0	0.20	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1
Zinc	**21.3**		7.9	2.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0051**	**J**	0.017	0.0039	mg/Kg	☼	09/02/20 02:52	09/02/20 07:44	1

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11

Date Collected: 08/27/20 13:55
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 97.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,1-Dichloroethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,1-Dichloroethene	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,2,4-Trichlorobenzene	0.00042	U	0.0012	0.00042	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,2-Dibromo-3-Chloropropane	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,2-Dichlorobenzene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,2-Dichloroethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,2-Dichloropropane	0.00049	U	0.0012	0.00049	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,3-Dichlorobenzene	0.00019	U	0.0012	0.00019	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
2-Butanone (MEK)	0.0032	U	0.0058	0.0032	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
2-Hexanone	0.0020	U	0.0058	0.0020	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0058	0.0018	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Acetone	0.0067	U	0.0070	0.0067	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Benzene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Bromoform	0.00050	U	0.0012	0.00050	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Bromomethane	0.00055	U	0.0012	0.00055	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Carbon disulfide	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11

Date Collected: 08/27/20 13:55
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 97.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.00045	U	0.0012	0.00045	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Chlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Chlorobromomethane	0.00033	U	0.0012	0.00033	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Chlorodibromomethane	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Chloroethane	0.00061	U	0.0012	0.00061	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Chloroform	0.00037	U	0.0012	0.00037	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Chloromethane	0.00051	U	0.0012	0.00051	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
cis-1,2-Dichloroethene	0.00018	U	0.0012	0.00018	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Cyclohexane	0.00026	U	0.0012	0.00026	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Dichlorobromomethane	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Dichlorodifluoromethane	0.00039	U	0.0012	0.00039	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Ethylbenzene	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Ethylene Dibromide	0.00021	U	0.0012	0.00021	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Isopropylbenzene	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Methyl acetate	0.0050	U	0.0058	0.0050	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Methyl tert-butyl ether	0.00015	U	0.0012	0.00015	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Methylcyclohexane	0.00058	U	0.0012	0.00058	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Methylene Chloride	0.00054	U	0.0012	0.00054	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
m-Xylene & p-Xylene	0.00020	U	0.0012	0.00020	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
o-Xylene	0.00023	U	0.0012	0.00023	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Styrene	0.00032	U	0.0012	0.00032	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Tetrachloroethene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Toluene	0.00027	U	0.0012	0.00027	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Trichloroethene	0.00017	U	0.0012	0.00017	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Trichlorofluoromethane	0.00047	U	0.0012	0.00047	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Vinyl chloride	0.00064	U	0.0012	0.00064	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1
Xylenes, Total	0.00020	U	0.0023	0.00020	mg/Kg	☼	08/28/20 21:14	09/01/20 12:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/28/20 21:14*	*09/01/20 12:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 145*	*08/28/20 21:14*	*09/01/20 12:53*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*	*08/28/20 21:14*	*09/01/20 12:53*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*08/28/20 21:14*	*09/01/20 12:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/28/20 21:14*	*09/01/20 12:53*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
1,2-Dichlorobenzene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
1,4-Dioxane	0.0094	U	0.10	0.0094	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
2,4-Dinitrotoluene	0.037	U	0.069	0.037	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
2,6-Dinitrotoluene	0.025	U	0.069	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11

Date Collected: 08/27/20 13:55
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 97.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
2-Methylnaphthalene	0.0095	U	0.34	0.0095	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
3,3'-Dichlorobenzidine	0.051	U	0.14	0.051	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
4-Bromophenyl phenyl ether	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Benzo[a]pyrene	0.0090	U	0.034	0.0090	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Benzo[b]fluoranthene	0.0088	U	0.034	0.0088	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Benzo[g,h,i]perylene	0.010	U	0.34	0.010	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Benzo[k]fluoranthene	0.0067	U	0.034	0.0067	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Chrysene	0.0057	U	0.34	0.0057	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Dibenzofuran	0.0048	U	0.34	0.0048	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Diethyl phthalate	0.0049	U	0.34	0.0049	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Dimethyl phthalate	0.077	U	0.34	0.077	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Di-n-butyl phthalate	0.060	U	0.34	0.060	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Hexachlorobutadiene	0.0072	U	0.069	0.0072	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Isophorone	0.098	U	0.14	0.098	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Naphthalene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Nitrobenzene	0.0081	U	0.034	0.0081	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Phenanthrene	0.0060	U	0.34	0.0060	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1
Pyrene	0.0084	U	0.34	0.0084	mg/Kg	☼	08/28/20 17:09	08/29/20 07:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.2*	*A J*	*mg/Kg*	☼	*2.65*		*08/28/20 17:09*	*08/29/20 07:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*25 - 104*	*08/28/20 17:09*	*08/29/20 07:07*	*1*
Nitrobenzene-d5 (Surr)	*56*		*19 - 105*	*08/28/20 17:09*	*08/29/20 07:07*	*1*

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11

Date Collected: 08/27/20 13:55
Matrix: Solid

Date Received: 08/27/20 18:20
Percent Solids: 97.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*25 - 127*	*08/28/20 17:09*	*08/29/20 07:07*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0091	U	0.069	0.0091	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1221	0.0091	U	0.069	0.0091	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1232	0.0091	U	0.069	0.0091	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1242	0.0091	U	0.069	0.0091	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1248	0.0091	U	0.069	0.0091	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1254	0.0094	U	0.069	0.0094	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1260	0.0094	U	0.069	0.0094	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor-1262	0.0094	U	0.069	0.0094	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Aroclor 1268	0.0094	U	0.069	0.0094	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1
Polychlorinated biphenyls, Total	0.0094	U	0.069	0.0094	mg/Kg	☼	08/28/20 19:11	08/29/20 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*08/28/20 19:11*	*08/29/20 16:41*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*08/28/20 19:11*	*08/29/20 16:41*	*1*
Tetrachloro-m-xylene	*113*		*58 - 145*	*08/28/20 19:11*	*08/29/20 16:41*	*1*
Tetrachloro-m-xylene	*110*		*58 - 145*	*08/28/20 19:11*	*08/29/20 16:41*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2380**		15.8	2.1	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Antimony	0.12	U	0.79	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Arsenic	**0.79**		0.79	0.079	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Barium	**15.6**		1.6	0.11	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Beryllium	**0.14**	**J**	0.32	0.045	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Cadmium	0.089	U	0.79	0.089	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Calcium	**217**		78.9	13.4	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Chromium	**6.9**		1.6	0.14	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Cobalt	**3.4**		1.6	0.12	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Copper	**6.4**		1.6	0.17	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Iron	**10900**		47.3	15.9	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Lead	**1.6**		0.47	0.16	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Magnesium	**793**		78.9	8.0	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Manganese	**242**		3.2	0.32	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Nickel	**5.1**		1.6	0.15	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Potassium	**318**		78.9	8.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Selenium	0.093	U	0.99	0.093	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Silver	0.070	U	0.79	0.070	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Sodium	**47.6**	**J**	78.9	12.3	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Thallium	**0.033**	**J**	0.32	0.032	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Vanadium	**10.1**		1.6	0.16	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1
Zinc	**10.3**		6.3	1.8	mg/Kg	☼	08/28/20 18:21	08/30/20 16:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0039	U	0.017	0.0039	mg/Kg	☼	09/02/20 02:52	09/02/20 07:46	1

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1

Date Collected: 08/28/20 07:40
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 89.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,1-Dichloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,1-Dichloroethene	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,2-Dichlorobenzene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,2-Dichloroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,2-Dichloropropane	0.00047	U	0.0011	0.00047	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,3-Dichlorobenzene	0.00018	U	0.0011	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
2-Butanone (MEK)	0.0030	U	0.0056	0.0030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
2-Hexanone	0.0019	U	0.0056	0.0019	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0056	0.0017	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Acetone	0.0064	U	0.0067	0.0064	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Benzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Bromoform	0.00047	U	0.0011	0.00047	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Bromomethane	0.00053	U *	0.0011	0.00053	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Carbon disulfide	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Carbon tetrachloride	0.00043	U	0.0011	0.00043	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Chlorodibromomethane	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Chloroethane	0.00058	U	0.0011	0.00058	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Chloroform	0.00035	U	0.0011	0.00035	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Chloromethane	0.00048	U	0.0011	0.00048	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
cis-1,2-Dichloroethene	0.00017	U	0.0011	0.00017	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Cyclohexane	0.00025	U	0.0011	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Dichlorobromomethane	0.00029	U	0.0011	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Dichlorodifluoromethane	0.00038	U	0.0011	0.00038	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Isopropylbenzene	0.00014	U	0.0011	0.00014	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Methyl acetate	0.0048	U	0.0056	0.0048	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Methyl tert-butyl ether	0.00014	U	0.0011	0.00014	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Methylcyclohexane	0.00056	U	0.0011	0.00056	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Methylene Chloride	0.00052	U	0.0011	0.00052	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
o-Xylene	0.00022	U	0.0011	0.00022	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Styrene	0.00031	U	0.0011	0.00031	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Tetrachloroethene	**0.0020**		0.0011	0.00016	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Toluene	0.00026	U	0.0011	0.00026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Trichloroethene	0.00016	U	0.0011	0.00016	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1

Date Collected: 08/28/20 07:40
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 89.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00045	U	0.0011	0.00045	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Vinyl chloride	0.00061	U	0.0011	0.00061	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1
Xylenes, Total	0.00019	U	0.0022	0.00019	mg/Kg	☼	08/29/20 09:32	08/31/20 13:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/29/20 09:32*	*08/31/20 13:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 145*	*08/29/20 09:32*	*08/31/20 13:00*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*08/29/20 09:32*	*08/31/20 13:00*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*08/29/20 09:32*	*08/31/20 13:00*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*08/29/20 09:32*	*08/31/20 13:00*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0095	U	0.037	0.0095	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
1,2-Dichlorobenzene	0.0063	U	0.37	0.0063	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
1,3-Dichlorobenzene	0.0049	U	0.37	0.0049	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
1,4-Dichlorobenzene	0.014	U	0.37	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
1,4-Dioxane	0.010	U	0.11	0.010	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
2,4-Dinitrotoluene	0.040	U	0.075	0.040	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
2,6-Dinitrotoluene	0.027	U	0.075	0.027	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
2-Methylnaphthalene	0.010	U	0.37	0.010	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
2-Nitroaniline	0.014	U	0.37	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
3,3'-Dichlorobenzidine	0.056	U	0.15	0.056	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
3-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
4-Chloroaniline	0.026	U	0.37	0.026	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
4-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Acenaphthene	0.027	U	0.37	0.027	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Acenaphthylene	0.0038	U	0.37	0.0038	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Anthracene	0.011	U	0.37	0.011	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Benzo[a]anthracene	0.013	U	0.037	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Benzo[a]pyrene	0.0098	U	0.037	0.0098	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Benzo[b]fluoranthene	0.0095	U	0.037	0.0095	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Benzo[g,h,i]perylene	0.011	U	0.37	0.011	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Benzo[k]fluoranthene	0.0072	U	0.037	0.0072	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Butyl benzyl phthalate	0.017	U	0.37	0.017	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Carbazole	0.014	U	0.37	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Chrysene	0.0062	U	0.37	0.0062	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Dibenz(a,h)anthracene	0.016	U	0.037	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Dibenzofuran	0.0052	U	0.37	0.0052	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Diethyl phthalate	0.0053	U	0.37	0.0053	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Dimethyl phthalate	0.084	U	0.37	0.084	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1

Date Collected: 08/28/20 07:40
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 89.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.065	U	0.37	0.065	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Fluoranthene	0.013	U	0.37	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Fluorene	0.0050	U	0.37	0.0050	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Hexachlorobutadiene	0.0078	U	0.075	0.0078	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Hexachlorocyclopentadiene	0.032	U	0.37	0.032	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Indeno[1,2,3-cd]pyrene	0.014	U	0.037	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Naphthalene	0.0064	U	0.37	0.0064	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Nitrobenzene	0.0089	U	0.037	0.0089	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
N-Nitrosodiphenylamine	0.0071	U	0.37	0.0071	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Phenanthrene	0.0065	U	0.37	0.0065	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1
Pyrene	0.0092	U	0.37	0.0092	mg/Kg	☼	08/31/20 22:00	09/01/20 17:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.89*	*A J*	*mg/Kg*	☼	*2.99*		*08/31/20 22:00*	*09/01/20 17:08*	*1*
Dibenzylidene 4,4'-biphenylenediamine	*0.89*	*J N*	*mg/Kg*	☼	*14.93*	*6311-48-4*	*08/31/20 22:00*	*09/01/20 17:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*25 - 104*	*08/31/20 22:00*	*09/01/20 17:08*	*1*
Nitrobenzene-d5 (Surr)	*69*		*19 - 105*	*08/31/20 22:00*	*09/01/20 17:08*	*1*
Terphenyl-d14 (Surr)	*109*		*25 - 127*	*08/31/20 22:00*	*09/01/20 17:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0099	U	0.075	0.0099	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1221	0.0099	U	0.075	0.0099	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1232	0.0099	U	0.075	0.0099	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1242	0.0099	U	0.075	0.0099	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1248	0.0099	U	0.075	0.0099	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1254	0.010	U	0.075	0.010	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1260	0.010	U	0.075	0.010	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor-1262	0.010	U	0.075	0.010	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Aroclor 1268	0.010	U	0.075	0.010	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1
Polychlorinated biphenyls, Total	0.010	U	0.075	0.010	mg/Kg	☼	08/31/20 18:11	09/01/20 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*08/31/20 18:11*	*09/01/20 09:22*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*08/31/20 18:11*	*09/01/20 09:22*	*1*
Tetrachloro-m-xylene	*112*		*58 - 145*	*08/31/20 18:11*	*09/01/20 09:22*	*1*
Tetrachloro-m-xylene	*118*		*58 - 145*	*08/31/20 18:11*	*09/01/20 09:22*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10900**		21.2	2.8	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Antimony	0.16	U	1.1	0.16	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Arsenic	**4.2**		1.1	0.11	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1

Date Collected: 08/28/20 07:40
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 89.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**36.5**		2.1	0.15	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Beryllium	**0.46**		0.42	0.061	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Cadmium	0.12	U	1.1	0.12	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Calcium	**1170**		106	18.0	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Chromium	**21.8**		2.1	0.18	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Cobalt	**6.9**		2.1	0.16	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Copper	**11.5**		2.1	0.23	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Iron	**24700**		63.7	21.4	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Lead	**56.2**		0.64	0.21	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Magnesium	**1830**		106	10.8	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Manganese	**317**		4.2	0.43	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Nickel	**12.2**		2.1	0.21	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Potassium	**585**		106	11.9	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Selenium	**0.54**	**J**	1.3	0.13	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Silver	0.094	U	1.1	0.094	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Sodium	**69.2**	**J**	106	16.6	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Thallium	**0.064**	**J**	0.42	0.044	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Vanadium	**26.8**		2.1	0.22	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1
Zinc	**26.8**		8.5	2.4	mg/Kg	☼	08/29/20 16:35	08/30/20 17:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.017	0.0041	mg/Kg	☼	09/02/20 02:52	09/02/20 08:08	1

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2

Date Collected: 08/28/20 08:10
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 96.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00034	U	0.0015	0.00034	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,1,2,2-Tetrachloroethane	0.00031	U	0.0015	0.00031	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00044	U	0.0015	0.00044	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,1,2-Trichloroethane	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,1-Dichloroethane	0.00030	U	0.0015	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,1-Dichloroethene	0.00033	U	0.0015	0.00033	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,2,3-Trichlorobenzene	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,2,4-Trichlorobenzene	0.00052	U	0.0015	0.00052	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,2-Dibromo-3-Chloropropane	0.00067	U	0.0015	0.00067	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,2-Dichlorobenzene	0.00021	U	0.0015	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,2-Dichloroethane	0.00043	U	0.0015	0.00043	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,2-Dichloropropane	0.00062	U	0.0015	0.00062	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,3-Dichlorobenzene	0.00023	U	0.0015	0.00023	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
1,4-Dichlorobenzene	0.00033	U	0.0015	0.00033	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
2-Butanone (MEK)	0.0039	U	0.0073	0.0039	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
2-Hexanone	0.0025	U	0.0073	0.0025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0073	0.0023	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Acetone	**0.0093**		0.0087	0.0083	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Benzene	0.00038	U	0.0015	0.00038	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Bromoform	0.00062	U	0.0015	0.00062	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2

Date Collected: 08/28/20 08:10
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 96.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.00069	U *	0.0015	0.00069	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Carbon disulfide	0.00039	U	0.0015	0.00039	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Carbon tetrachloride	0.00056	U	0.0015	0.00056	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Chlorobenzene	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Chlorobromomethane	0.00041	U	0.0015	0.00041	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Chlorodibromomethane	0.00028	U	0.0015	0.00028	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Chloroethane	0.00076	U	0.0015	0.00076	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Chloroform	0.00046	U	0.0015	0.00046	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Chloromethane	0.00063	U	0.0015	0.00063	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
cis-1,2-Dichloroethene	0.00022	U	0.0015	0.00022	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
cis-1,3-Dichloropropene	0.00040	U	0.0015	0.00040	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Cyclohexane	0.00032	U	0.0015	0.00032	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Dichlorobromomethane	0.00037	U	0.0015	0.00037	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Dichlorodifluoromethane	0.00049	U	0.0015	0.00049	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Ethylbenzene	0.00029	U	0.0015	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Ethylene Dibromide	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Isopropylbenzene	0.00018	U	0.0015	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Methyl acetate	0.0063	U	0.0073	0.0063	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Methyl tert-butyl ether	0.00018	U	0.0015	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Methylcyclohexane	0.00073	U	0.0015	0.00073	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Methylene Chloride	0.00067	U	0.0015	0.00067	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
m-Xylene & p-Xylene	0.00025	U	0.0015	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
o-Xylene	0.00028	U	0.0015	0.00028	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Styrene	0.00040	U	0.0015	0.00040	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Tetrachloroethene	**0.0055**		0.0015	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Toluene	0.00034	U	0.0015	0.00034	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
trans-1,2-Dichloroethene	0.00036	U	0.0015	0.00036	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
trans-1,3-Dichloropropene	0.00039	U	0.0015	0.00039	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Trichloroethene	0.00021	U	0.0015	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Trichlorofluoromethane	0.00059	U	0.0015	0.00059	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Vinyl chloride	0.00079	U	0.0015	0.00079	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1
Xylenes, Total	0.00025	U	0.0029	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/29/20 09:32*	*08/31/20 13:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 145*	*08/29/20 09:32*	*08/31/20 13:28*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*	*08/29/20 09:32*	*08/31/20 13:28*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*08/29/20 09:32*	*08/31/20 13:28*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*08/29/20 09:32*	*08/31/20 13:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0088	U	0.034	0.0088	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
1,2-Dichlorobenzene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
1,3-Dichlorobenzene	0.0045	U	0.34	0.0045	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
1,4-Dichlorobenzene	0.013	U	0.34	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
1,4-Dioxane	0.0094	U	0.10	0.0094	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
2,2'-oxybis[1-chloropropane]	0.0062	U	0.34	0.0062	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2

Date Collected: 08/28/20 08:10
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 96.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.037	U	0.069	0.037	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
2,6-Dinitrotoluene	0.025	U	0.069	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
2-Chloronaphthalene	0.016	U	0.34	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
2-Methylnaphthalene	0.0096	U	0.34	0.0096	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
2-Nitroaniline	0.013	U	0.34	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
3,3'-Dichlorobenzidine	0.052	U	0.14	0.052	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
3-Nitroaniline	0.038	U	0.34	0.038	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
4-Bromophenyl phenyl ether	0.014	U	0.34	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
4-Chloroaniline	0.024	U	0.34	0.024	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
4-Nitroaniline	0.039	U	0.34	0.039	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Acenaphthene	0.025	U	0.34	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Acenaphthylene	0.0035	U	0.34	0.0035	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Anthracene	0.010	U	0.34	0.010	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Benzo[a]anthracene	0.012	U	0.034	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Benzo[a]pyrene	0.0091	U	0.034	0.0091	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Benzo[b]fluoranthene	**0.019**	**J**	0.034	0.0088	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Benzo[g,h,i]perylene	**0.016**	**J**	0.34	0.010	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Benzo[k]fluoranthene	0.0067	U	0.034	0.0067	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Bis(2-chloroethoxy)methane	0.027	U	0.34	0.027	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Bis(2-chloroethyl)ether	0.012	U	0.034	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Butyl benzyl phthalate	0.016	U	0.34	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Carbazole	0.013	U	0.34	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Chrysene	0.0058	U	0.34	0.0058	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Dibenz(a,h)anthracene	0.015	U	0.034	0.015	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Dibenzofuran	0.0048	U	0.34	0.0048	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Diethyl phthalate	0.0050	U	0.34	0.0050	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Dimethyl phthalate	0.078	U	0.34	0.078	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Di-n-butyl phthalate	0.060	U	0.34	0.060	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Di-n-octyl phthalate	0.018	U	0.34	0.018	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Fluoranthene	0.012	U	0.34	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Fluorene	0.0046	U	0.34	0.0046	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Hexachlorobenzene	0.016	U	0.034	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Hexachlorobutadiene	0.0073	U	0.069	0.0073	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Hexachlorocyclopentadiene	0.030	U	0.34	0.030	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Hexachloroethane	0.012	U	0.034	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Indeno[1,2,3-cd]pyrene	**0.016**	**J**	0.034	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Isophorone	0.099	U	0.14	0.099	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Naphthalene	0.0059	U	0.34	0.0059	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Nitrobenzene	0.0082	U	0.034	0.0082	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Phenanthrene	0.0060	U	0.34	0.0060	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1
Pyrene	0.0085	U	0.34	0.0085	mg/Kg	☼	08/31/20 22:00	09/01/20 17:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*17*	*A J*	*mg/Kg*	☼	*2.98*		*08/31/20 22:00*	*09/01/20 17:31*	*1*

Client Sample ID: SB-13_1-3_20200828
Date Collected: 08/28/20 08:10
Date Received: 08/28/20 15:30

Lab Sample ID: 460-217095-2
Matrix: Solid
Percent Solids: 96.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*25 - 104*	*08/31/20 22:00*	*09/01/20 17:31*	*1*
Nitrobenzene-d5 (Surr)	*81*		*19 - 105*	*08/31/20 22:00*	*09/01/20 17:31*	*1*
Terphenyl-d14 (Surr)	*109*		*25 - 127*	*08/31/20 22:00*	*09/01/20 17:31*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0092	U	0.069	0.0092	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1221	0.0092	U	0.069	0.0092	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1232	0.0092	U	0.069	0.0092	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1242	0.0092	U	0.069	0.0092	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1248	0.0092	U	0.069	0.0092	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1254	0.0095	U	0.069	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1260	0.0095	U	0.069	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor-1262	0.0095	U	0.069	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Aroclor 1268	0.0095	U	0.069	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1
Polychlorinated biphenyls, Total	0.0095	U	0.069	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*08/31/20 18:11*	*09/01/20 09:39*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*08/31/20 18:11*	*09/01/20 09:39*	*1*
Tetrachloro-m-xylene	*122*		*58 - 145*	*08/31/20 18:11*	*09/01/20 09:39*	*1*
Tetrachloro-m-xylene	*128*		*58 - 145*	*08/31/20 18:11*	*09/01/20 09:39*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2980**		19.9	2.6	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Antimony	0.14	U F1	0.99	0.14	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Arsenic	**1.3**		0.99	0.099	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Barium	**12.6**	**F1**	2.0	0.14	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Beryllium	**0.26**	**J**	0.40	0.057	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Cadmium	0.11	U	0.99	0.11	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Calcium	**1670**	**F1**	99.3	16.9	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Chromium	**7.9**	**F1**	2.0	0.17	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Cobalt	**2.9**		2.0	0.15	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Copper	**7.5**		2.0	0.22	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Iron	**17000**		59.6	20.1	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Lead	**7.2**	**F1**	0.60	0.20	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Magnesium	**983**	**F1**	99.3	10.1	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Manganese	**221**		4.0	0.40	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Nickel	**7.0**		2.0	0.19	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Potassium	**386**	**F1**	99.3	11.1	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Selenium	0.12	U	1.2	0.12	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Silver	0.088	U	0.99	0.088	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Sodium	**41.5**	**J**	99.3	15.5	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Thallium	0.041	U	0.40	0.041	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Vanadium	**11.7**		2.0	0.20	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1
Zinc	**36.7**	**F1**	7.9	2.3	mg/Kg	☼	08/29/20 17:11	08/30/20 13:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.38**		0.016	0.0038	mg/Kg	☼	09/02/20 02:52	09/02/20 08:10	1

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3

Date Collected: 08/28/20 08:50
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 94.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00039	U	0.0017	0.00039	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,1,2,2-Tetrachloroethane	0.00036	U	0.0017	0.00036	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00050	U	0.0017	0.00050	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,1,2-Trichloroethane	0.00030	U	0.0017	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,1-Dichloroethane	0.00034	U	0.0017	0.00034	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,1-Dichloroethene	0.00038	U	0.0017	0.00038	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,2,3-Trichlorobenzene	0.00030	U	0.0017	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,2,4-Trichlorobenzene	0.00060	U	0.0017	0.00060	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,2-Dibromo-3-Chloropropane	0.00077	U	0.0017	0.00077	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,2-Dichlorobenzene	0.00024	U	0.0017	0.00024	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,2-Dichloroethane	0.00049	U	0.0017	0.00049	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,2-Dichloropropane	0.00071	U	0.0017	0.00071	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,3-Dichlorobenzene	0.00027	U	0.0017	0.00027	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
1,4-Dichlorobenzene	0.00038	U	0.0017	0.00038	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
2-Butanone (MEK)	0.0045	U	0.0083	0.0045	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
2-Hexanone	0.0029	U	0.0083	0.0029	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
4-Methyl-2-pentanone (MIBK)	0.0026	U	0.0083	0.0026	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Acetone	0.0095	U	0.010	0.0095	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Benzene	0.00043	U	0.0017	0.00043	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Bromoform	0.00071	U	0.0017	0.00071	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Bromomethane	0.00079	U *	0.0017	0.00079	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Carbon disulfide	0.00044	U	0.0017	0.00044	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Carbon tetrachloride	0.00065	U	0.0017	0.00065	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Chlorobenzene	0.00030	U	0.0017	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Chlorobromomethane	0.00047	U	0.0017	0.00047	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Chlorodibromomethane	0.00032	U	0.0017	0.00032	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Chloroethane	0.00087	U	0.0017	0.00087	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Chloroform	0.00053	U	0.0017	0.00053	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Chloromethane	0.00073	U	0.0017	0.00073	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
cis-1,2-Dichloroethene	0.00025	U	0.0017	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
cis-1,3-Dichloropropene	0.00046	U	0.0017	0.00046	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Cyclohexane	0.00037	U	0.0017	0.00037	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Dichlorobromomethane	0.00043	U	0.0017	0.00043	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Dichlorodifluoromethane	0.00056	U	0.0017	0.00056	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Ethylbenzene	0.00033	U	0.0017	0.00033	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Ethylene Dibromide	0.00030	U	0.0017	0.00030	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Isopropylbenzene	0.00021	U	0.0017	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Methyl acetate	0.0072	U	0.0083	0.0072	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Methyl tert-butyl ether	0.00021	U	0.0017	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Methylcyclohexane	0.00083	U	0.0017	0.00083	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Methylene Chloride	0.00077	U	0.0017	0.00077	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
m-Xylene & p-Xylene	0.00029	U	0.0017	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
o-Xylene	0.00032	U	0.0017	0.00032	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Styrene	0.00046	U	0.0017	0.00046	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Tetrachloroethene	**0.0057**		0.0017	0.00024	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Toluene	0.00039	U	0.0017	0.00039	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
trans-1,2-Dichloroethene	0.00041	U	0.0017	0.00041	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
trans-1,3-Dichloropropene	0.00044	U	0.0017	0.00044	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Trichloroethene	**0.00088**	**J**	0.0017	0.00024	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3

Date Collected: 08/28/20 08:50
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 94.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.00068	U	0.0017	0.00068	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Vinyl chloride	0.00091	U	0.0017	0.00091	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1
Xylenes, Total	0.00029	U	0.0033	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 13:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/29/20 09:32*	*08/31/20 13:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 145*	*08/29/20 09:32*	*08/31/20 13:55*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*	*08/29/20 09:32*	*08/31/20 13:55*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*	*08/29/20 09:32*	*08/31/20 13:55*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*	*08/29/20 09:32*	*08/31/20 13:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0090	U	0.035	0.0090	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
1,2-Dichlorobenzene	0.0060	U	0.35	0.0060	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
1,3-Dichlorobenzene	0.0047	U	0.35	0.0047	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
1,4-Dichlorobenzene	0.013	U	0.35	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
1,4-Dioxane	0.0097	U	0.11	0.0097	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
2,2'-oxybis[1-chloropropane]	0.0063	U	0.35	0.0063	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
2,4-Dinitrotoluene	0.038	U	0.071	0.038	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
2,6-Dinitrotoluene	0.025	U	0.071	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
2-Chloronaphthalene	0.016	U	0.35	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
2-Methylnaphthalene	0.0098	U	0.35	0.0098	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
2-Nitroaniline	0.013	U	0.35	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
3,3'-Dichlorobenzidine	0.053	U	0.14	0.053	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
3-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
4-Bromophenyl phenyl ether	0.014	U	0.35	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
4-Chloroaniline	0.025	U	0.35	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
4-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Acenaphthene	0.026	U	0.35	0.026	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Acenaphthylene	0.0036	U	0.35	0.0036	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Anthracene	0.011	U	0.35	0.011	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Benzo[a]anthracene	0.012	U	0.035	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Benzo[a]pyrene	0.0093	U	0.035	0.0093	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Benzo[b]fluoranthene	0.0091	U	0.035	0.0091	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Benzo[g,h,i]perylene	0.010	U	0.35	0.010	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Benzo[k]fluoranthene	0.0069	U	0.035	0.0069	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Bis(2-chloroethyl)ether	0.012	U	0.035	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Butyl benzyl phthalate	0.016	U	0.35	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Carbazole	0.013	U	0.35	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Chrysene	0.0059	U	0.35	0.0059	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Dibenz(a,h)anthracene	0.015	U	0.035	0.015	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Dibenzofuran	0.0049	U	0.35	0.0049	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Diethyl phthalate	0.0051	U	0.35	0.0051	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Dimethyl phthalate	0.080	U	0.35	0.080	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3

Date Collected: 08/28/20 08:50
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 94.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.062	U	0.35	0.062	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Di-n-octyl phthalate	0.019	U	0.35	0.019	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Fluoranthene	0.012	U	0.35	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Fluorene	0.0048	U	0.35	0.0048	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Hexachlorobenzene	0.017	U	0.035	0.017	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Hexachlorobutadiene	0.0075	U	0.071	0.0075	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Hexachloroethane	0.012	U	0.035	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Indeno[1,2,3-cd]pyrene	0.014	U	0.035	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Naphthalene	0.0061	U	0.35	0.0061	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Nitrobenzene	0.0084	U	0.035	0.0084	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
N-Nitrosodi-n-propylamine	0.025	U	0.035	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
N-Nitrosodiphenylamine	0.0067	U	0.35	0.0067	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Phenanthrene	0.0062	U	0.35	0.0062	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1
Pyrene	0.0087	U	0.35	0.0087	mg/Kg	☼	08/31/20 22:00	09/01/20 17:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*3.6*	*A J*	*mg/Kg*	☼	*2.98*		*08/31/20 22:00*	*09/01/20 17:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*25 - 104*	*08/31/20 22:00*	*09/01/20 17:55*	*1*
Nitrobenzene-d5 (Surr)	*74*		*19 - 105*	*08/31/20 22:00*	*09/01/20 17:55*	*1*
Terphenyl-d14 (Surr)	*106*		*25 - 127*	*08/31/20 22:00*	*09/01/20 17:55*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0094	U	0.071	0.0094	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1221	0.0094	U	0.071	0.0094	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1232	0.0094	U	0.071	0.0094	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1242	0.0094	U	0.071	0.0094	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1248	0.0094	U	0.071	0.0094	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1254	0.0098	U	0.071	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1260	0.0098	U	0.071	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor-1262	0.0098	U	0.071	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Aroclor 1268	0.0098	U	0.071	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1
Polychlorinated biphenyls, Total	0.0098	U	0.071	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*08/31/20 18:11*	*09/01/20 09:55*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*08/31/20 18:11*	*09/01/20 09:55*	*1*
Tetrachloro-m-xylene	*122*		*58 - 145*	*08/31/20 18:11*	*09/01/20 09:55*	*1*
Tetrachloro-m-xylene	*129*		*58 - 145*	*08/31/20 18:11*	*09/01/20 09:55*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10700**		18.6	2.4	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Antimony	**0.44**	**J**	0.93	0.14	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Arsenic	**3.4**		0.93	0.093	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Barium	**104**		1.9	0.13	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Beryllium	**0.57**		0.37	0.053	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3

Date Collected: 08/28/20 08:50
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 94.3

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.11	U	0.93	0.11	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Calcium	**7230**		93.0	15.8	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Chromium	**14.3**		1.9	0.16	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Cobalt	**5.9**		1.9	0.14	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Copper	**1200**		1.9	0.20	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Iron	**16200**		55.8	18.8	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Lead	**297**		0.56	0.19	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Magnesium	**1670**		93.0	9.5	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Manganese	**474**		3.7	0.37	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Nickel	**10.9**		1.9	0.18	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Potassium	**573**		93.0	10.4	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Selenium	**0.27**	**J**	1.2	0.11	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Silver	**0.28**	**J**	0.93	0.083	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Sodium	**97.7**		93.0	14.5	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Thallium	**0.084**	**J**	0.37	0.038	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Vanadium	**20.2**		1.9	0.19	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1
Zinc	**101**		7.4	2.1	mg/Kg	☼	08/29/20 17:11	08/30/20 13:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.20**		0.017	0.0041	mg/Kg	☼	09/02/20 02:52	09/02/20 08:11	1

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4

Date Collected: 08/28/20 10:15
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 93.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,2-Dichlorobenzene	0.00015	U	0.0010	0.00015	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,2-Dichloroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,2-Dichloropropane	0.00044	U	0.0010	0.00044	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
2-Butanone (MEK)	0.0028	U	0.0052	0.0028	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
2-Hexanone	0.0018	U	0.0052	0.0018	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Acetone	0.0059	U	0.0062	0.0059	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Benzene	0.00027	U	0.0010	0.00027	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Bromoform	0.00044	U	0.0010	0.00044	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Bromomethane	0.00049	U *	0.0010	0.00049	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Carbon disulfide	0.00028	U	0.0010	0.00028	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4

Date Collected: 08/28/20 10:15
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 93.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.00040	U	0.0010	0.00040	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Chlorobromomethane	0.00029	U	0.0010	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Chlorodibromomethane	0.00020	U	0.0010	0.00020	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Chloroethane	0.00054	U	0.0010	0.00054	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Chloroform	0.00033	U	0.0010	0.00033	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Chloromethane	0.00045	U	0.0010	0.00045	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
cis-1,2-Dichloroethene	0.00016	U	0.0010	0.00016	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Cyclohexane	0.00023	U	0.0010	0.00023	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Dichlorobromomethane	0.00027	U	0.0010	0.00027	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Dichlorodifluoromethane	0.00035	U	0.0010	0.00035	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Ethylbenzene	0.00021	U	0.0010	0.00021	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Ethylene Dibromide	0.00019	U	0.0010	0.00019	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Methyl acetate	0.0044	U	0.0052	0.0044	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Methylcyclohexane	0.00052	U	0.0010	0.00052	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Methylene Chloride	0.00048	U	0.0010	0.00048	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
m-Xylene & p-Xylene	0.00018	U	0.0010	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
o-Xylene	0.00020	U	0.0010	0.00020	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Styrene	0.00029	U	0.0010	0.00029	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Tetrachloroethene	0.00015	U	0.0010	0.00015	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Toluene	0.00024	U	0.0010	0.00024	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Trichlorofluoromethane	0.00042	U	0.0010	0.00042	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Vinyl chloride	0.00056	U	0.0010	0.00056	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1
Xylenes, Total	0.00018	U	0.0021	0.00018	mg/Kg	☼	08/29/20 09:32	08/31/20 14:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*08/29/20 09:32*	*08/31/20 14:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 145*	*08/29/20 09:32*	*08/31/20 14:23*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*08/29/20 09:32*	*08/31/20 14:23*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*08/29/20 09:32*	*08/31/20 14:23*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*08/29/20 09:32*	*08/31/20 14:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0091	U	0.035	0.0091	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
1,2-Dichlorobenzene	0.0061	U	0.35	0.0061	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
1,3-Dichlorobenzene	0.0047	U	0.35	0.0047	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
1,4-Dichlorobenzene	0.014	U	0.35	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
1,4-Dioxane	0.0098	U	0.11	0.0098	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
2,2'-oxybis[1-chloropropane]	0.0064	U	0.35	0.0064	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
2,4-Dinitrotoluene	0.038	U	0.072	0.038	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
2,6-Dinitrotoluene	0.026	U	0.072	0.026	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4

Date Collected: 08/28/20 10:15
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 93.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.016	U	0.35	0.016	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
2-Methylnaphthalene	0.0099	U	0.35	0.0099	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
2-Nitroaniline	0.013	U	0.35	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
3,3'-Dichlorobenzidine	0.054	U	0.14	0.054	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
3-Nitroaniline	0.040	U	0.35	0.040	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
4-Bromophenyl phenyl ether	0.014	U	0.35	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
4-Chloroaniline	0.025	U	0.35	0.025	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
4-Chlorophenyl phenyl ether	0.013	U	0.35	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
4-Nitroaniline	0.041	U	0.35	0.041	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Acenaphthene	0.026	U	0.35	0.026	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Acenaphthylene	0.0037	U	0.35	0.0037	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Anthracene	0.011	U	0.35	0.011	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Benzo[a]anthracene	**0.081**		0.035	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Benzo[a]pyrene	**0.11**		0.035	0.0094	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Benzo[b]fluoranthene	**0.14**		0.035	0.0092	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.35	0.010	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Benzo[k]fluoranthene	**0.050**		0.035	0.0070	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Bis(2-chloroethoxy)methane	0.028	U	0.35	0.028	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Bis(2-chloroethyl)ether	0.012	U	0.035	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Butyl benzyl phthalate	0.017	U	0.35	0.017	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Carbazole	0.013	U	0.35	0.013	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Chrysene	**0.076**	**J**	0.35	0.0060	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Dibenz(a,h)anthracene	0.015	U	0.035	0.015	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Dibenzofuran	0.0050	U	0.35	0.0050	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Diethyl phthalate	0.0051	U	0.35	0.0051	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Dimethyl phthalate	0.081	U	0.35	0.081	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Di-n-butyl phthalate	0.063	U	0.35	0.063	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Di-n-octyl phthalate	0.019	U	0.35	0.019	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Fluoranthene	**0.083**	**J**	0.35	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Fluorene	0.0048	U	0.35	0.0048	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Hexachlorobenzene	0.017	U	0.035	0.017	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Hexachlorobutadiene	0.0075	U	0.072	0.0075	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Hexachlorocyclopentadiene	0.031	U	0.35	0.031	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Hexachloroethane	0.012	U	0.035	0.012	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Indeno[1,2,3-cd]pyrene	**0.10**		0.035	0.014	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Isophorone	0.10	U	0.14	0.10	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Naphthalene	0.0061	U	0.35	0.0061	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Nitrobenzene	0.0085	U	0.035	0.0085	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
N-Nitrosodi-n-propylamine	0.026	U	0.035	0.026	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
N-Nitrosodiphenylamine	0.0068	U	0.35	0.0068	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Phenanthrene	**0.025**	**J**	0.35	0.0062	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1
Pyrene	**0.093**	**J**	0.35	0.0088	mg/Kg	☼	08/31/20 22:00	09/01/20 19:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*200*	*A J*	*mg/Kg*	☼	*3.06*		*08/31/20 22:00*	*09/01/20 19:29*	*1*
Phenol, 4,4'-(1-methylethylidene)bis-	*0.37*	*J N*	*mg/Kg*	☼	*10.18*	*80-05-7*	*08/31/20 22:00*	*09/01/20 19:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*25 - 104*	*08/31/20 22:00*	*09/01/20 19:29*	*1*

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4

Date Collected: 08/28/20 10:15
Matrix: Solid

Date Received: 08/28/20 15:30
Percent Solids: 93.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*77*		*19 - 105*	*08/31/20 22:00*	*09/01/20 19:29*	*1*
Terphenyl-d14 (Surr)	*107*		*25 - 127*	*08/31/20 22:00*	*09/01/20 19:29*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0095	U	0.072	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1221	0.0095	U	0.072	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1232	0.0095	U	0.072	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1242	0.0095	U	0.072	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1248	0.0095	U	0.072	0.0095	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1254	0.0098	U	0.072	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1260	0.0098	U	0.072	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor-1262	0.0098	U	0.072	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Aroclor 1268	0.0098	U	0.072	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1
Polychlorinated biphenyls, Total	0.0098	U	0.072	0.0098	mg/Kg	☼	08/31/20 18:11	09/01/20 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*08/31/20 18:11*	*09/01/20 10:12*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*08/31/20 18:11*	*09/01/20 10:12*	*1*
Tetrachloro-m-xylene	*117*		*58 - 145*	*08/31/20 18:11*	*09/01/20 10:12*	*1*
Tetrachloro-m-xylene	*122*		*58 - 145*	*08/31/20 18:11*	*09/01/20 10:12*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3730**		16.0	2.1	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Antimony	0.12	U	0.80	0.12	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Arsenic	**1.5**		0.80	0.080	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Barium	**13.4**		1.6	0.12	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Beryllium	**0.19**	**J**	0.32	0.046	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Cadmium	**0.093**	**J**	0.80	0.090	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Calcium	**4410**		80.0	13.6	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Chromium	**8.4**		1.6	0.14	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Cobalt	**2.9**		1.6	0.12	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Copper	**29.6**		1.6	0.18	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Iron	**9810**		48.0	16.2	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Lead	**11.0**		0.48	0.16	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Magnesium	**1150**		80.0	8.2	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Manganese	**154**		3.2	0.32	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Nickel	**9.8**		1.6	0.16	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Potassium	**443**		80.0	9.0	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Selenium	0.094	U	1.0	0.094	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Silver	0.071	U	0.80	0.071	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Sodium	**78.0**	**J**	80.0	12.5	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Thallium	**0.033**	**J**	0.32	0.033	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Vanadium	**10.7**		1.6	0.16	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1
Zinc	**37.1**		6.4	1.8	mg/Kg	☼	08/29/20 17:11	08/30/20 13:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.5**		0.088	0.021	mg/Kg	☼	09/02/20 02:52	09/02/20 09:44	5

Client Sample ID: TB_20200828
Lab Sample ID: 460-217095-5

Date Collected: 08/28/20 00:00
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/20 13:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/20 13:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/30/20 13:13	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/30/20 13:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/20 13:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/20 13:13	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/30/20 13:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/20 13:13	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/20 13:13	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/30/20 13:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/20 13:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/20 13:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/20 13:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/20 13:13	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/30/20 13:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/20 13:13	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/30/20 13:13	1
Acetone	**12**		5.0	4.4	ug/L			08/30/20 13:13	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/20 13:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/20 13:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/20 13:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/20 13:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/20 13:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/20 13:13	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/30/20 13:13	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/30/20 13:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/20 13:13	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/20 13:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/20 13:13	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/20 13:13	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/20 13:13	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/20 13:13	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/30/20 13:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/20 13:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/20 13:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/20 13:13	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/20 13:13	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/30/20 13:13	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/30/20 13:13	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/30/20 13:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/20 13:13	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/30/20 13:13	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/30/20 13:13	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/20 13:13	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/20 13:13	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/20 13:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/20 13:13	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/30/20 13:13	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/20 13:13	1

Client Sample ID: TB_20200828
Lab Sample ID: 460-217095-5

Date Collected: 08/28/20 00:00
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/20 13:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/20 13:13	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/20 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 123*		*08/30/20 13:13*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/30/20 13:13*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 124*		*08/30/20 13:13*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*08/30/20 13:13*	*1*

Client Sample ID: TW-04_20200827
Lab Sample ID: 460-217143-1

Date Collected: 08/27/20 14:20
Matrix: Water
Date Received: 08/27/20 18:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 16:58	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 16:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:58	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:58	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 16:58	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 16:58	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 16:58	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 16:58	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 16:58	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 16:58	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:58	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 16:58	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:58	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 16:58	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 16:58	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 16:58	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 16:58	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 16:58	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 16:58	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 16:58	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 16:58	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 16:58	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 16:58	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 16:58	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 16:58	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 16:58	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:58	1
Chloroform	**1.3**		1.0	0.33	ug/L			09/02/20 16:58	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/02/20 16:58	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 16:58	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 16:58	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 16:58	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 16:58	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:58	1

Client Sample ID: TW-04_20200827
Lab Sample ID: 460-217143-1

Date Collected: 08/27/20 14:20
Matrix: Water
Date Received: 08/27/20 18:20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 16:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 16:58	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:58	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 16:58	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 16:58	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 16:58	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 16:58	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 16:58	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 16:58	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 16:58	1
Tetrachloroethene	**0.63**	**J**	1.0	0.25	ug/L			09/02/20 16:58	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 16:58	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 16:58	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 16:58	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 16:58	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:58	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 16:58	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 123*		*09/02/20 16:58*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*09/02/20 16:58*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 124*		*09/02/20 16:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*09/02/20 16:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		08/30/20 06:46	08/31/20 04:37	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		08/30/20 06:46	08/31/20 04:37	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		08/30/20 06:46	08/31/20 04:37	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		08/30/20 06:46	08/31/20 04:37	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		08/30/20 06:46	08/31/20 04:37	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		08/30/20 06:46	08/31/20 04:37	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		08/30/20 06:46	08/31/20 04:37	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		08/30/20 06:46	08/31/20 04:37	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		08/30/20 06:46	08/31/20 04:37	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		08/30/20 06:46	08/31/20 04:37	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		08/30/20 06:46	08/31/20 04:37	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		08/30/20 06:46	08/31/20 04:37	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		08/30/20 06:46	08/31/20 04:37	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		08/30/20 06:46	08/31/20 04:37	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		08/30/20 06:46	08/31/20 04:37	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		08/30/20 06:46	08/31/20 04:37	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		08/30/20 06:46	08/31/20 04:37	1
Acenaphthene	1.1	U	10	1.1	ug/L		08/30/20 06:46	08/31/20 04:37	1
Acenaphthylene	0.82	U	10	0.82	ug/L		08/30/20 06:46	08/31/20 04:37	1
Anthracene	0.63	U	10	0.63	ug/L		08/30/20 06:46	08/31/20 04:37	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		08/30/20 06:46	08/31/20 04:37	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		08/30/20 06:46	08/31/20 04:37	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		08/30/20 06:46	08/31/20 04:37	1

Client Sample ID: TW-04_20200827
Lab Sample ID: 460-217143-1

Date Collected: 08/27/20 14:20
Matrix: Water
Date Received: 08/27/20 18:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		08/30/20 06:46	08/31/20 04:37	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		08/30/20 06:46	08/31/20 04:37	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		08/30/20 06:46	08/31/20 04:37	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		08/30/20 06:46	08/31/20 04:37	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		08/30/20 06:46	08/31/20 04:37	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		08/30/20 06:46	08/31/20 04:37	1
Carbazole	0.68	U	10	0.68	ug/L		08/30/20 06:46	08/31/20 04:37	1
Chrysene	0.91	U	2.0	0.91	ug/L		08/30/20 06:46	08/31/20 04:37	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		08/30/20 06:46	08/31/20 04:37	1
Dibenzofuran	1.1	U	10	1.1	ug/L		08/30/20 06:46	08/31/20 04:37	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		08/30/20 06:46	08/31/20 04:37	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		08/30/20 06:46	08/31/20 04:37	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		08/30/20 06:46	08/31/20 04:37	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		08/30/20 06:46	08/31/20 04:37	1
Fluoranthene	0.84	U	10	0.84	ug/L		08/30/20 06:46	08/31/20 04:37	1
Fluorene	0.91	U	10	0.91	ug/L		08/30/20 06:46	08/31/20 04:37	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		08/30/20 06:46	08/31/20 04:37	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		08/30/20 06:46	08/31/20 04:37	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		08/30/20 06:46	08/31/20 04:37	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		08/30/20 06:46	08/31/20 04:37	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		08/30/20 06:46	08/31/20 04:37	1
Isophorone	0.80	U	10	0.80	ug/L		08/30/20 06:46	08/31/20 04:37	1
Naphthalene	1.1	U	2.0	1.1	ug/L		08/30/20 06:46	08/31/20 04:37	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		08/30/20 06:46	08/31/20 04:37	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		08/30/20 06:46	08/31/20 04:37	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		08/30/20 06:46	08/31/20 04:37	1
Phenanthrene	0.58	U	10	0.58	ug/L		08/30/20 06:46	08/31/20 04:37	1
Pyrene	1.6	U	10	1.6	ug/L		08/30/20 06:46	08/31/20 04:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol, 2,3,5-tribromo-	*22*	*J N*	*ug/L*		*6.97*	*57383-81-0*	*08/30/20 06:46*	*08/31/20 04:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*42 - 127*	*08/30/20 06:46*	*08/31/20 04:37*	*1*
Nitrobenzene-d5 (Surr)	*59*		*46 - 137*	*08/30/20 06:46*	*08/31/20 04:37*	*1*
Terphenyl-d14 (Surr)	*78*		*39 - 150*	*08/30/20 06:46*	*08/31/20 04:37*	*1*

Client Sample ID: TW-01_20200828
Lab Sample ID: 460-217163-1

Date Collected: 08/28/20 06:53
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 22:22	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 22:22	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 22:22	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 22:22	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 22:22	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 22:22	1

Client Sample ID: TW-01_20200828
Lab Sample ID: 460-217163-1

Date Collected: 08/28/20 06:53
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 22:22	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 22:22	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 22:22	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 22:22	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 22:22	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 22:22	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 22:22	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 22:22	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 22:22	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 22:22	1
Acetone	**5.2**		5.0	4.4	ug/L			09/02/20 22:22	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 22:22	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 22:22	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 22:22	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 22:22	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 22:22	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 22:22	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 22:22	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 22:22	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 22:22	1
Chloroform	**1.1**		1.0	0.33	ug/L			09/02/20 22:22	1
Chloromethane	**0.90**	**J**	1.0	0.40	ug/L			09/02/20 22:22	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 22:22	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 22:22	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 22:22	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 22:22	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 22:22	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 22:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 22:22	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 22:22	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 22:22	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 22:22	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 22:22	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 22:22	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 22:22	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 22:22	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 22:22	1
Tetrachloroethene	**0.78**	**J**	1.0	0.25	ug/L			09/02/20 22:22	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 22:22	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 22:22	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 22:22	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 22:22	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 22:22	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 22:22	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 123*		*09/02/20 22:22*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*09/02/20 22:22*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*09/02/20 22:22*	*1*

Client Sample ID: TW-01_20200828
Lab Sample ID: 460-217163-1

Date Collected: 08/28/20 06:53
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/02/20 22:22*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 20:41	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 20:41	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 20:41	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 20:41	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 20:41	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 20:41	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 20:41	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 20:41	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 20:41	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 20:41	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 20:41	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 20:41	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 20:41	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 20:41	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 20:41	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 20:41	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 20:41	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 20:41	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 20:41	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 20:41	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 20:41	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 20:41	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 20:41	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 20:41	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 20:41	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 20:41	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 20:41	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 20:41	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 20:41	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 20:41	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 20:41	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 20:41	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 20:41	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 20:41	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 20:41	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 20:41	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 20:41	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 20:41	1
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 20:41	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 20:41	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 20:41	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 20:41	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 20:41	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 20:41	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 20:41	1

Client Sample ID: TW-01_20200828
Lab Sample ID: 460-217163-1

Date Collected: 08/28/20 06:53
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 20:41	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 20:41	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 20:41	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 20:41	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 20:41	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 20:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 20:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*42 - 127*	*09/01/20 09:47*	*09/01/20 20:41*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 137*	*09/01/20 09:47*	*09/01/20 20:41*	*1*
Terphenyl-d14 (Surr)	*92*		*39 - 150*	*09/01/20 09:47*	*09/01/20 20:41*	*1*

Client Sample ID: TW-18_20200828
Lab Sample ID: 460-217163-2

Date Collected: 08/28/20 08:07
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 14:59	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 14:59	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 14:59	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 14:59	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 14:59	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 14:59	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 14:59	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 14:59	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 14:59	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 14:59	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 14:59	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 14:59	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 14:59	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 14:59	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 14:59	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 14:59	1
Acetone	**4.5**	**J**	5.0	4.4	ug/L			09/02/20 14:59	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 14:59	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 14:59	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 14:59	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 14:59	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 14:59	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 14:59	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 14:59	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 14:59	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 14:59	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 14:59	1
Chloromethane	**0.56**	**J**	1.0	0.40	ug/L			09/02/20 14:59	1

Client Sample ID: TW-18_20200828
Lab Sample ID: 460-217163-2

Date Collected: 08/28/20 08:07
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 14:59	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 14:59	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 14:59	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 14:59	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 14:59	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 14:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 14:59	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 14:59	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 14:59	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 14:59	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 14:59	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 14:59	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 14:59	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 14:59	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 14:59	1
Tetrachloroethene	**3.6**		1.0	0.25	ug/L			09/02/20 14:59	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 14:59	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 14:59	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 14:59	1
Trichloroethene	**0.40**	**J**	1.0	0.31	ug/L			09/02/20 14:59	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 14:59	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 14:59	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 123*		*09/02/20 14:59*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*09/02/20 14:59*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*09/02/20 14:59*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/02/20 14:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 21:02	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:02	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 21:02	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:02	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 21:02	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 21:02	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 21:02	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 21:02	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 21:02	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:02	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 21:02	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 21:02	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 21:02	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 21:02	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 21:02	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:02	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 21:02	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:02	1

Client Sample ID: TW-18_20200828
Lab Sample ID: 460-217163-2
Date Collected: 08/28/20 08:07
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 21:02	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 21:02	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 21:02	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 21:02	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 21:02	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 21:02	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 21:02	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 21:02	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 21:02	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 21:02	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 21:02	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 21:02	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 21:02	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 21:02	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:02	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 21:02	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 21:02	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 21:02	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 21:02	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 21:02	1
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 21:02	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 21:02	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 21:02	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 21:02	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 21:02	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 21:02	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 21:02	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 21:02	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 21:02	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 21:02	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 21:02	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 21:02	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 21:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 21:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*42 - 127*	*09/01/20 09:47*	*09/01/20 21:02*	*1*
Nitrobenzene-d5 (Surr)	*93*		*46 - 137*	*09/01/20 09:47*	*09/01/20 21:02*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 150*	*09/01/20 09:47*	*09/01/20 21:02*	*1*

Client Sample ID: TW-16_20200828
Lab Sample ID: 460-217163-3
Date Collected: 08/28/20 13:22
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 15:19	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 15:19	1

Client Sample ID: TW-16_20200828
Lab Sample ID: 460-217163-3

Date Collected: 08/28/20 13:22
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 15:19	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 15:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 15:19	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 15:19	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 15:19	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 15:19	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 15:19	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 15:19	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 15:19	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 15:19	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 15:19	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 15:19	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 15:19	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 15:19	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 15:19	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 15:19	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 15:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 15:19	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 15:19	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 15:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 15:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 15:19	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 15:19	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 15:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 15:19	1
Chloroform	**0.68**	**J**	1.0	0.33	ug/L			09/02/20 15:19	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/02/20 15:19	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 15:19	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 15:19	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 15:19	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 15:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 15:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 15:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 15:19	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 15:19	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 15:19	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 15:19	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 15:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 15:19	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 15:19	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 15:19	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 15:19	1
Tetrachloroethene	**1.3**		1.0	0.25	ug/L			09/02/20 15:19	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 15:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 15:19	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 15:19	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 15:19	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 15:19	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 15:19	1

Client Sample ID: TW-16_20200828
Lab Sample ID: 460-217163-3

Date Collected: 08/28/20 13:22
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 123*		*09/02/20 15:19*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*09/02/20 15:19*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*09/02/20 15:19*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/02/20 15:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 21:23	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:23	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 21:23	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:23	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 21:23	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 21:23	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 21:23	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 21:23	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 21:23	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:23	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 21:23	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 21:23	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 21:23	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 21:23	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 21:23	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:23	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 21:23	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:23	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 21:23	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 21:23	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 21:23	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 21:23	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 21:23	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 21:23	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 21:23	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 21:23	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 21:23	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 21:23	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 21:23	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 21:23	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 21:23	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 21:23	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:23	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 21:23	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 21:23	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 21:23	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 21:23	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 21:23	1
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 21:23	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 21:23	1

Client Sample ID: TW-16_20200828
Lab Sample ID: 460-217163-3
Date Collected: 08/28/20 13:22
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 21:23	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 21:23	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 21:23	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 21:23	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 21:23	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 21:23	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 21:23	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 21:23	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 21:23	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 21:23	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 21:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 21:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*42 - 127*	*09/01/20 09:47*	*09/01/20 21:23*	*1*
Nitrobenzene-d5 (Surr)	*103*		*46 - 137*	*09/01/20 09:47*	*09/01/20 21:23*	*1*
Terphenyl-d14 (Surr)	*97*		*39 - 150*	*09/01/20 09:47*	*09/01/20 21:23*	*1*

Client Sample ID: TW-13_20200828
Lab Sample ID: 460-217163-4
Date Collected: 08/28/20 12:37
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 15:40	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 15:40	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 15:40	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 15:40	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 15:40	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 15:40	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 15:40	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 15:40	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 15:40	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 15:40	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 15:40	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 15:40	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 15:40	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 15:40	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 15:40	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 15:40	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 15:40	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 15:40	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 15:40	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 15:40	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 15:40	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 15:40	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 15:40	1

Client Sample ID: TW-13_20200828
Lab Sample ID: 460-217163-4

Date Collected: 08/28/20 12:37
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 15:40	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 15:40	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 15:40	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 15:40	1
Chloromethane	**1.1**		1.0	0.40	ug/L			09/02/20 15:40	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.22	ug/L			09/02/20 15:40	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 15:40	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 15:40	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 15:40	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 15:40	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 15:40	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 15:40	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 15:40	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 15:40	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 15:40	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 15:40	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 15:40	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 15:40	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 15:40	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 15:40	1
Tetrachloroethene	**4.0**		1.0	0.25	ug/L			09/02/20 15:40	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 15:40	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 15:40	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 15:40	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 15:40	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 15:40	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 15:40	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 123*		*09/02/20 15:40*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*09/02/20 15:40*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*09/02/20 15:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/02/20 15:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 21:44	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:44	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 21:44	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:44	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 21:44	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 21:44	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 21:44	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 21:44	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 21:44	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:44	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 21:44	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 21:44	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 21:44	1

Client Sample ID: TW-13_20200828
Lab Sample ID: 460-217163-4
Date Collected: 08/28/20 12:37
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 21:44	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 21:44	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 21:44	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 21:44	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:44	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 21:44	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 21:44	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 21:44	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 21:44	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 21:44	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 21:44	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 21:44	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 21:44	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 21:44	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 21:44	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 21:44	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 21:44	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 21:44	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 21:44	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 21:44	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 21:44	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 21:44	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 21:44	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 21:44	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 21:44	1
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 21:44	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 21:44	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 21:44	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 21:44	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 21:44	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 21:44	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 21:44	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 21:44	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 21:44	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 21:44	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 21:44	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 21:44	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 21:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 21:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*42 - 127*	*09/01/20 09:47*	*09/01/20 21:44*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 137*	*09/01/20 09:47*	*09/01/20 21:44*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 150*	*09/01/20 09:47*	*09/01/20 21:44*	*1*

Client Sample ID: TW-07_20200828
Lab Sample ID: 460-217163-5

Date Collected: 08/28/20 11:27
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 16:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:01	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 16:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 16:01	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 16:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 16:01	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 16:01	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 16:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 16:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 16:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 16:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 16:01	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 16:01	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 16:01	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 16:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 16:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 16:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 16:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 16:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 16:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 16:01	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 16:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 16:01	1
Chloromethane	**0.53**	**J**	1.0	0.40	ug/L			09/02/20 16:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 16:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 16:01	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 16:01	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 16:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 16:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 16:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:01	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 16:01	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 16:01	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 16:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 16:01	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 16:01	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 16:01	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 16:01	1
Tetrachloroethene	**0.67**	**J**	1.0	0.25	ug/L			09/02/20 16:01	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 16:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 16:01	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 16:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 16:01	1

Client Sample ID: TW-07_20200828
Lab Sample ID: 460-217163-5

Date Collected: 08/28/20 11:27
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 16:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 123*		*09/02/20 16:01*	*1*
4-Bromofluorobenzene	*91*		*76 - 120*		*09/02/20 16:01*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*09/02/20 16:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/02/20 16:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 22:04	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:04	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 22:04	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:04	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 22:04	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 22:04	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 22:04	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 22:04	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 22:04	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:04	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 22:04	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 22:04	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 22:04	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 22:04	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 22:04	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:04	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 22:04	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:04	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 22:04	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 22:04	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 22:04	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 22:04	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 22:04	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 22:04	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 22:04	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 22:04	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 22:04	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 22:04	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 22:04	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 22:04	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 22:04	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 22:04	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:04	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 22:04	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 22:04	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 22:04	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 22:04	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 22:04	1

Client Sample ID: TW-07_20200828
Lab Sample ID: 460-217163-5
Date Collected: 08/28/20 11:27
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 22:04	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 22:04	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 22:04	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 22:04	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 22:04	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 22:04	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 22:04	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 22:04	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 22:04	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 22:04	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 22:04	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 22:04	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 22:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 22:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*42 - 127*	*09/01/20 09:47*	*09/01/20 22:04*	*1*
Nitrobenzene-d5 (Surr)	*97*		*46 - 137*	*09/01/20 09:47*	*09/01/20 22:04*	*1*
Terphenyl-d14 (Surr)	*93*		*39 - 150*	*09/01/20 09:47*	*09/01/20 22:04*	*1*

Client Sample ID: TW-10_20200828
Lab Sample ID: 460-217163-6
Date Collected: 08/28/20 09:53
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 16:22	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:22	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:22	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 16:22	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 16:22	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 16:22	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 16:22	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 16:22	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 16:22	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:22	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 16:22	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:22	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 16:22	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 16:22	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 16:22	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 16:22	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 16:22	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 16:22	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 16:22	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 16:22	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 16:22	1

Client Sample ID: TW-10_20200828
Lab Sample ID: 460-217163-6

Date Collected: 08/28/20 09:53
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 16:22	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 16:22	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 16:22	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 16:22	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:22	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 16:22	1
Chloromethane	**0.43**	**J**	1.0	0.40	ug/L			09/02/20 16:22	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.22	ug/L			09/02/20 16:22	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 16:22	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 16:22	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 16:22	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:22	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 16:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 16:22	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:22	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 16:22	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 16:22	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 16:22	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 16:22	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 16:22	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 16:22	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 16:22	1
Tetrachloroethene	**4.6**		1.0	0.25	ug/L			09/02/20 16:22	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 16:22	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 16:22	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 16:22	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 16:22	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:22	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 16:22	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 123*		*09/02/20 16:22*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*09/02/20 16:22*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*09/02/20 16:22*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/02/20 16:22*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 22:25	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:25	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 22:25	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:25	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 22:25	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 22:25	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 22:25	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 22:25	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 22:25	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:25	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 22:25	1

Client Sample ID: TW-10_20200828
Lab Sample ID: 460-217163-6

Date Collected: 08/28/20 09:53
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 22:25	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 22:25	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 22:25	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 22:25	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:25	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 22:25	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:25	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 22:25	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 22:25	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 22:25	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 22:25	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 22:25	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 22:25	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 22:25	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 22:25	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 22:25	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 22:25	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 22:25	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 22:25	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 22:25	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 22:25	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:25	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 22:25	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 22:25	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 22:25	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 22:25	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 22:25	1
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 22:25	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 22:25	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 22:25	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 22:25	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 22:25	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 22:25	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 22:25	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 22:25	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 22:25	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 22:25	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 22:25	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 22:25	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 22:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 22:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*42 - 127*	*09/01/20 09:47*	*09/01/20 22:25*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 137*	*09/01/20 09:47*	*09/01/20 22:25*	*1*
Terphenyl-d14 (Surr)	*88*		*39 - 150*	*09/01/20 09:47*	*09/01/20 22:25*	*1*

Client Sample ID: TW-09_20200828
Lab Sample ID: 460-217163-7

Date Collected: 08/28/20 09:12
Matrix: Water

Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 16:43	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 16:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:43	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:43	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 16:43	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 16:43	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 16:43	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 16:43	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 16:43	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 16:43	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 16:43	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 16:43	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:43	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 16:43	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 16:43	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 16:43	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 16:43	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 16:43	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 16:43	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 16:43	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 16:43	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 16:43	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 16:43	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 16:43	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 16:43	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 16:43	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:43	1
Chloroform	**0.34**	**J**	1.0	0.33	ug/L			09/02/20 16:43	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/02/20 16:43	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 16:43	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 16:43	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 16:43	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 16:43	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 16:43	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 16:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 16:43	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 16:43	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 16:43	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 16:43	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 16:43	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 16:43	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 16:43	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 16:43	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 16:43	1
Tetrachloroethene	**3.1**		1.0	0.25	ug/L			09/02/20 16:43	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 16:43	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 16:43	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 16:43	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 16:43	1

Client Sample ID: TW-09_20200828
Lab Sample ID: 460-217163-7

Date Collected: 08/28/20 09:12
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 16:43	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 16:43	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*		*09/02/20 16:43*	*1*
4-Bromofluorobenzene	*93*		*76 - 120*		*09/02/20 16:43*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 124*		*09/02/20 16:43*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/02/20 16:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 22:46	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:46	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 22:46	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:46	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 22:46	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 22:46	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 22:46	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 22:46	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 22:46	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:46	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 22:46	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 22:46	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 22:46	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 22:46	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 22:46	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 22:46	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 22:46	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:46	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 22:46	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 22:46	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 22:46	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 22:46	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 22:46	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 22:46	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 22:46	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 22:46	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 22:46	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 22:46	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 22:46	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 22:46	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 22:46	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 22:46	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 22:46	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 22:46	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 22:46	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 22:46	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 22:46	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 22:46	1

Client Sample ID: TW-09_20200828
Lab Sample ID: 460-217163-7

Date Collected: 08/28/20 09:12
Matrix: Water
Date Received: 08/28/20 15:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 22:46	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 22:46	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 22:46	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 22:46	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 22:46	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 22:46	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 22:46	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 22:46	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 22:46	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 22:46	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 22:46	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 22:46	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 22:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 22:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*42 - 127*	*09/01/20 09:47*	*09/01/20 22:46*	*1*
Nitrobenzene-d5 (Surr)	*94*		*46 - 137*	*09/01/20 09:47*	*09/01/20 22:46*	*1*
Terphenyl-d14 (Surr)	*89*		*39 - 150*	*09/01/20 09:47*	*09/01/20 22:46*	*1*

Surrogate Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-145)	(79-125)	(48-150)	(80-120)
460-216817-1	SB-04_2-4_20200825	122	116	117	108
460-216817-2	SB-02_0-2_20200825	117	114	114	104
460-216817-3	SB-01_1-3_20200825	104	109	105	95
460-216817-4	SB-09_1-3_20200825	96	94	98	90
460-216817-5	SB-03_0-2_20200825	106	107	107	102
460-216817-6	SB-08_2-4_20200825	104	106	105	96
460-216927-1	SB-15_0-2_20200826	110	106	108	100
460-216927-2	SB-16_1-3_20200826	112	105	110	100
460-216927-3	SB-17_0-2_20200826	116	102	110	100
460-217009-1	SB-10_1-3_20200827	109	107	110	99
460-217009-2	SB-10_17-19_20200827	115	106	112	99
460-217009-4	SB-18_16-18_20200827	111	102	108	95
460-217009-5	SB-05_1-3_20200827	114	106	111	98
460-217009-6	SB-07_0-2_20200827	118	108	114	100
460-217009-7	SB-07_6-8_20200827	116	86	110	95
460-217009-8	SB-07_15-17_20200827	114	109	113	103
460-217009-9	SB-06_3-5_20200827	117	108	111	101
460-217009-10	SB-06_6-8_20200827	113	107	112	99
460-217009-11	SB-06_17-19_20200827	114	109	111	100
460-217095-1	SB-12_0-2_20200828	100	106	107	109
460-217095-2	SB-13_1-3_20200828	96	107	102	108
460-217095-3	SB-14_2-4_20200828	98	109	107	111
460-217095-4	SB-11_3-5_20200828	96	106	105	108
LB3 460-719834/1-A	Method Blank	110	109	110	101
LB3 460-720136/1-A	Method Blank	110	105	110	101
LB3 460-720439/1-A	Method Blank	103	103	104	99
LB3 460-720511/1-A	Method Blank	96	107	105	110
LCS 460-720240/4	Lab Control Sample	104	103	103	100
LCS 460-720347/10	Lab Control Sample	104	105	104	102
LCS 460-720465/3	Lab Control Sample	90	92	94	88
LCS 460-720508/3	Lab Control Sample	105	107	105	106
LCS 460-720741/3	Lab Control Sample	94	108	103	113
LCS 460-720746/3	Lab Control Sample	108	104	108	101
LCS 460-721040/6	Lab Control Sample	103	105	106	102
LCSD 460-720240/5	Lab Control Sample Dup	104	105	105	101
LCSD 460-720347/4	Lab Control Sample Dup	102	105	101	99
LCSD 460-720465/4	Lab Control Sample Dup	102	103	105	98
LCSD 460-720508/4	Lab Control Sample Dup	96	97	97	97
LCSD 460-720741/4	Lab Control Sample Dup	93	107	101	109
LCSD 460-720746/4	Lab Control Sample Dup	108	104	107	102
LCSD 460-721040/7	Lab Control Sample Dup	101	104	104	101
MB 460-720240/8	Method Blank	116	109	112	102
MB 460-720347/7	Method Blank	101	101	100	96
MB 460-720465/7	Method Blank	85	90	89	84
MB 460-720508/7	Method Blank	108	109	111	105
MB 460-720741/7	Method Blank	93	108	106	112
MB 460-720746/7	Method Blank	106	105	105	97
MB 460-721040/9	Method Blank	106	107	107	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-150)	(62-150)	(54-150)	(68-148)
460-217009-3	SB-18_3-5_20200827	111	111	104	111
LCS 460-720646/3	Lab Control Sample	90	100	90	96
LCSD 460-720646/4	Lab Control Sample Dup	89	101	89	97
MB 460-720646/8	Method Blank	88	99	89	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-123)	(76-120)	(77-124)	(80-120)
460-216817-7	TB_20200825	115	104	107	105
460-217095-5	TB_20200828	87	100	97	92
460-217143-1	TW-04_20200827	80	99	97	105
460-217152-B-18 MS	Matrix Spike	87	113	105	111
460-217152-B-18 MSD	Matrix Spike Duplicate	82	105	99	104
460-217163-1	TW-01_20200828	99	92	99	102
460-217163-2	TW-18_20200828	102	92	100	99
460-217163-3	TW-16_20200828	100	94	99	102
460-217163-4	TW-13_20200828	103	92	99	100
460-217163-5	TW-07_20200828	102	91	100	100
460-217163-6	TW-10_20200828	102	92	99	100
460-217163-7	TW-09_20200828	101	93	101	102
LCS 460-720210/3	Lab Control Sample	111	108	108	108
LCS 460-720644/5	Lab Control Sample	85	104	95	96
LCS 460-721264/3	Lab Control Sample	97	92	97	99
LCS 460-721282/5	Lab Control Sample	83	104	99	105
LCS 460-721508/3	Lab Control Sample	99	93	98	101
LCSD 460-720210/4	Lab Control Sample Dup	110	109	107	108
LCSD 460-720644/29	Lab Control Sample Dup	85	101	96	94
LCSD 460-721264/4	Lab Control Sample Dup	98	90	97	101
LCSD 460-721508/4	Lab Control Sample Dup	100	91	99	99
MB 460-720210/7	Method Blank	116	106	106	106
MB 460-720644/9	Method Blank	86	105	97	97
MB 460-721264/7	Method Blank	98	89	95	102
MB 460-721282/9	Method Blank	79	101	97	103
MB 460-721508/8	Method Blank	100	90	99	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

Surrogate Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	FBP (25-104)	NBZ (19-105)	TPHL (25-127)
460-216232-A-6-A MS	Matrix Spike	52	50	53
460-216232-A-6-B MSD	Matrix Spike Duplicate	54	52	52
460-216576-A-1-C MS	Matrix Spike	40	38	46
460-216576-A-1-D MSD	Matrix Spike Duplicate	47	46	52
460-216817-1	SB-04_2-4_20200825	61	62	74
460-216817-2	SB-02_0-2_20200825	67	67	78
460-216817-3	SB-01_1-3_20200825	57	56	58
460-216817-4	SB-09_1-3_20200825	56	56	65
460-216817-5	SB-03_0-2_20200825	46	47	55
460-216817-6	SB-08_2-4_20200825	71	75	82
460-216927-1	SB-15_0-2_20200826	59	56	65
460-216927-2	SB-16_1-3_20200826	60	54	62
460-216927-3	SB-17_0-2_20200826	55	50	56
460-217009-1	SB-10_1-3_20200827	44	47	66
460-217009-1 MS	SB-10_1-3_20200827	52	48	64
460-217009-1 MSD	SB-10_1-3_20200827	64	61	79
460-217009-2	SB-10_17-19_20200827	44	45	52
460-217009-3	SB-18_3-5_20200827	52	56	56
460-217009-4	SB-18_16-18_20200827	57	56	66
460-217009-5	SB-05_1-3_20200827	60	62	74
460-217009-6	SB-07_0-2_20200827	72	71	87
460-217009-7	SB-07_6-8_20200827	62	59	74
460-217009-8	SB-07_15-17_20200827	64	63	81
460-217009-9	SB-06_3-5_20200827	59	58	72
460-217009-10	SB-06_6-8_20200827	67	67	83
460-217009-11	SB-06_17-19_20200827	57	56	71
460-217095-1	SB-12_0-2_20200828	73	69	109
460-217095-2	SB-13_1-3_20200828	86	81	109
460-217095-3	SB-14_2-4_20200828	78	74	106
460-217095-4	SB-11_3-5_20200828	83	77	107
LCS 460-719969/2-A	Lab Control Sample	97	98	109
LCS 460-720271/2-A	Lab Control Sample	79	80	90
LCS 460-720378/2-A	Lab Control Sample	77	76	89
LCS 460-720963/2-A	Lab Control Sample	76	72	85
LCSD 460-720271/3-A	Lab Control Sample Dup	71	74	79
LCSD 460-720963/3-A	Lab Control Sample Dup	76	72	86
MB 460-719969/1-A	Method Blank	91	97	114
MB 460-720271/1-A	Method Blank	65	67	73
MB 460-720378/1-A	Method Blank	85	86	104
MB 460-720963/1-A	Method Blank	75	75	86

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(42-127)	(46-137)	(39-150)
460-217132-F-1-A MS	Matrix Spike	54	52	58
460-217132-G-1-A MSD	Matrix Spike Duplicate	63	61	66
460-217143-1	TW-04_20200827	63	59	78
460-217163-1	TW-01_20200828	91	96	92
460-217163-2	TW-18_20200828	90	93	77
460-217163-3	TW-16_20200828	99	103	97
460-217163-4	TW-13_20200828	96	96	83
460-217163-5	TW-07_20200828	93	97	93
460-217163-6	TW-10_20200828	94	96	88
460-217163-7	TW-09_20200828	90	94	89
LCS 460-720639/2-A	Lab Control Sample	90	89	101
LCS 460-721059/2-A	Lab Control Sample	83	90	89
LCSD 460-720639/3-A	Lab Control Sample Dup	92	89	99
LCSD 460-721059/3-A	Lab Control Sample Dup	82	90	87
MB 460-720639/1-A	Method Blank	91	89	116
MB 460-721059/1-A	Method Blank	83	88	92

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(58-145)	(58-145)
460-216563-A-4-E DU	Duplicate	121	119	114	110
460-216817-1	SB-04_2-4_20200825	83	79	81	76
460-216817-2	SB-02_0-2_20200825	113	110	113	106
460-216817-3	SB-01_1-3_20200825	137	142	118	111
460-216817-4	SB-09_1-3_20200825	128	126	126	120
460-216817-5	SB-03_0-2_20200825	121	117	119	113
460-216817-6	SB-08_2-4_20200825	130	127	127	121
460-216876-A-1-B MS	Matrix Spike	92	106	92	105
460-216876-A-1-C MSD	Matrix Spike Duplicate	98	110	99	108
460-216908-A-1-A MS	Matrix Spike	88	92	74	81
460-216908-A-1-B MSD	Matrix Spike Duplicate	94	96	90	81
460-216927-1	SB-15_0-2_20200826	99	105	103	107
460-216927-2	SB-16_1-3_20200826	106	118	109	120
460-216927-3	SB-17_0-2_20200826	99	103	98	103
460-216932-C-1-G MS	Matrix Spike	99	110	106	111
460-216932-C-1-H MSD	Matrix Spike Duplicate	95	107	101	108
460-216985-A-1-B MS	Matrix Spike	129	124	128	122
460-216985-A-1-C MSD	Matrix Spike Duplicate	128	125	131	124
460-217009-1	SB-10_1-3_20200827	142	138	144	137
460-217009-2	SB-10_17-19_20200827	156 X	154 X	158 X	150 X
460-217009-3	SB-18_3-5_20200827	129	122	127	120
460-217009-4	SB-18_16-18_20200827	129	130	133	127
460-217009-5	SB-05_1-3_20200827	151 X	145	152 X	144

Surrogate Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (58-145)	TCX2 (58-145)
460-217009-6	SB-07_0-2_20200827	121	119	123	117
460-217009-7	SB-07_6-8_20200827	129	144	116	112
460-217009-8	SB-07_15-17_20200827	123	120	126	120
460-217009-9	SB-06_3-5_20200827	129	127	133	127
460-217009-10	SB-06_6-8_20200827	141	136	142	135
460-217009-11	SB-06_17-19_20200827	106	112	110	113
460-217095-1	SB-12_0-2_20200828	114	114	118	112
460-217095-1 MS	SB-12_0-2_20200828	117	115	121	115
460-217095-1 MSD	SB-12_0-2_20200828	114	111	118	111
460-217095-2	SB-13_1-3_20200828	125	123	128	122
460-217095-3	SB-14_2-4_20200828	125	123	129	122
460-217095-4	SB-11_3-5_20200828	121	120	122	117
LCS 460-719880/2-A	Lab Control Sample	84	80	70	76
LCS 460-720127/2-A	Lab Control Sample	94	92	98	94
LCS 460-720420/2-A	Lab Control Sample	101	101	105	100
LCS 460-720421/2-A	Lab Control Sample	92	92	95	91
LCS 460-720931/2-A	Lab Control Sample	103	101	102	97
LCSD 460-719880/3-A	Lab Control Sample Dup	93	85	90	78
LCSD 460-720127/3-A	Lab Control Sample Dup	101	99	105	100
LCSD 460-720420/3-A	Lab Control Sample Dup	106	126	109	103
LCSD 460-720421/3-A	Lab Control Sample Dup	107	108	109	104
LCSD 460-720931/3-A	Lab Control Sample Dup	107	109	109	104
MB 460-719880/1-A	Method Blank	103	87	67	79
MB 460-720127/1-A	Method Blank	93	93	96	94
MB 460-720420/1-A	Method Blank	99	97	101	97
MB 460-720421/1-A	Method Blank	125	124	124	120
MB 460-720931/1-A	Method Blank	92		94	

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-719834/1-A
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719834

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/26/20 19:59	08/28/20 16:36	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-719834/1-A
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719834

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg		08/26/20 19:59	08/28/20 16:36	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg		08/26/20 19:59	08/28/20 16:36	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/26/20 19:59*	*08/28/20 16:36*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*	*08/26/20 19:59*	*08/28/20 16:36*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*	*08/26/20 19:59*	*08/28/20 16:36*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*08/26/20 19:59*	*08/28/20 16:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 19:59*	*08/28/20 16:36*	*1*

Lab Sample ID: LB3 460-720136/1-A
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720136

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg		08/27/20 19:14	08/29/20 14:41	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-720136/1-A
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720136

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg		08/27/20 19:14	08/29/20 14:41	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg		08/27/20 19:14	08/29/20 14:41	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/27/20 19:14*	*08/29/20 14:41*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*	*08/27/20 19:14*	*08/29/20 14:41*	*1*
4-Bromofluorobenzene	*105*		*79 - 125*	*08/27/20 19:14*	*08/29/20 14:41*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*08/27/20 19:14*	*08/29/20 14:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/27/20 19:14*	*08/29/20 14:41*	*1*

Lab Sample ID: MB 460-720210/7
Matrix: Water
Analysis Batch: 720210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/28/20 09:36	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 09:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 09:36	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 09:36	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 09:36	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 09:36	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 09:36	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 09:36	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 09:36	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 09:36	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720210/7
Matrix: Water
Analysis Batch: 720210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 09:36	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 09:36	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 09:36	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 09:36	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 09:36	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 09:36	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 09:36	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 09:36	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 09:36	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 09:36	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 09:36	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 09:36	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 09:36	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 09:36	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 09:36	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 09:36	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 09:36	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 09:36	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 09:36	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 09:36	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 09:36	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 09:36	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 09:36	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 09:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 09:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 09:36	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 09:36	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 09:36	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 09:36	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 09:36	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 09:36	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 09:36	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 09:36	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 09:36	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 09:36	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 09:36	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 09:36	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 09:36	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 09:36	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 09:36	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 09:36	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/28/20 09:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 123*		*08/28/20 09:36*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*08/28/20 09:36*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 124*		*08/28/20 09:36*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*08/28/20 09:36*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720210/3
Matrix: Water
Analysis Batch: 720210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.9		ug/L		104	68 - 128
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		104	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1		ug/L		105	59 - 142
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	74 - 125
1,1-Dichloroethane	20.0	20.7		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	20.6		ug/L		103	68 - 133
1,2,3-Trichlorobenzene	20.0	17.4		ug/L		87	53 - 144
1,2,4-Trichlorobenzene	20.0	18.4		ug/L		92	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/L		94	41 - 143
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	79 - 122
1,2-Dichloroethane	20.0	19.7		ug/L		98	75 - 121
1,2-Dichloropropane	20.0	20.6		ug/L		103	76 - 126
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 121
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 118
2-Butanone (MEK)	100	91.9		ug/L		92	69 - 128
2-Hexanone	100	101		ug/L		101	74 - 127
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	78 - 125
Acetone	100	89.6		ug/L		90	61 - 134
Benzene	20.0	20.8		ug/L		104	78 - 126
Bromoform	20.0	20.8		ug/L		104	38 - 144
Bromomethane	20.0	22.3		ug/L		111	10 - 150
Carbon disulfide	20.0	21.1		ug/L		105	64 - 138
Carbon tetrachloride	20.0	20.8		ug/L		104	56 - 131
Chlorobenzene	20.0	20.6		ug/L		103	80 - 119
Chlorobromomethane	20.0	20.5		ug/L		103	73 - 126
Chlorodibromomethane	20.0	21.4		ug/L		107	58 - 130
Chloroethane	20.0	21.2		ug/L		106	29 - 150
Chloroform	20.0	21.2		ug/L		106	78 - 125
Chloromethane	20.0	19.5		ug/L		97	38 - 150
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	78 - 121
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	74 - 125
Cyclohexane	20.0	20.9		ug/L		105	67 - 133
Dichlorobromomethane	20.0	21.4		ug/L		107	72 - 121
Dichlorodifluoromethane	20.0	18.7		ug/L		94	31 - 150
Ethylbenzene	20.0	20.4		ug/L		102	78 - 120
Ethylene Dibromide	20.0	20.3		ug/L		101	69 - 126
Isopropylbenzene	20.0	20.3		ug/L		102	79 - 125
Methyl acetate	40.0	43.0		ug/L		107	70 - 127
Methyl tert-butyl ether	20.0	20.6		ug/L		103	65 - 131
Methylcyclohexane	20.0	21.2		ug/L		106	60 - 139
Methylene Chloride	20.0	21.0		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	20.3		ug/L		101	78 - 123
o-Xylene	20.0	19.4		ug/L		97	78 - 122
Styrene	20.0	20.0		ug/L		100	75 - 127
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 127
Toluene	20.0	20.3		ug/L		101	78 - 119
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	74 - 126
trans-1,3-Dichloropropene	20.0	21.5		ug/L		108	66 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720210/3
Matrix: Water
Analysis Batch: 720210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Trichloroethene			20.0	20.8		ug/L		104	71 - 121		
Trichlorofluoromethane			20.0	22.8		ug/L		114	61 - 140		
Vinyl chloride			20.0	20.4		ug/L		102	61 - 144		
Xylenes, Total			40.0	39.7		ug/L		99	78 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 123*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*77 - 124*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: LCSD 460-720210/4
Matrix: Water
Analysis Batch: 720210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.5		ug/L		102	68 - 128	2	30
1,1,2,2-Tetrachloroethane			20.0	20.2		ug/L		101	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.1		ug/L		105	59 - 142	0	30
1,1,2-Trichloroethane			20.0	20.6		ug/L		103	74 - 125	0	30
1,1-Dichloroethane			20.0	20.1		ug/L		101	73 - 130	3	30
1,1-Dichloroethene			20.0	20.3		ug/L		101	68 - 133	1	30
1,2,3-Trichlorobenzene			20.0	17.4		ug/L		87	53 - 144	0	30
1,2,4-Trichlorobenzene			20.0	18.3		ug/L		92	64 - 132	0	30
1,2-Dibromo-3-Chloropropane			20.0	18.5		ug/L		93	41 - 143	1	30
1,2-Dichlorobenzene			20.0	20.5		ug/L		103	79 - 122	0	30
1,2-Dichloroethane			20.0	20.6		ug/L		103	75 - 121	5	30
1,2-Dichloropropane			20.0	20.8		ug/L		104	76 - 126	1	30
1,3-Dichlorobenzene			20.0	19.7		ug/L		99	80 - 121	3	30
1,4-Dichlorobenzene			20.0	19.8		ug/L		99	80 - 118	2	30
2-Butanone (MEK)			100	91.4		ug/L		91	69 - 128	1	30
2-Hexanone			100	101		ug/L		101	74 - 127	0	30
4-Methyl-2-pentanone (MIBK)			100	106		ug/L		106	78 - 125	5	30
Acetone			100	90.2		ug/L		90	61 - 134	1	30
Benzene			20.0	20.2		ug/L		101	78 - 126	3	30
Bromoform			20.0	20.8		ug/L		104	38 - 144	0	30
Bromomethane			20.0	23.6		ug/L		118	10 - 150	6	30
Carbon disulfide			20.0	20.6		ug/L		103	64 - 138	2	30
Carbon tetrachloride			20.0	20.1		ug/L		100	56 - 131	4	30
Chlorobenzene			20.0	20.7		ug/L		104	80 - 119	1	30
Chlorobromomethane			20.0	20.6		ug/L		103	73 - 126	0	30
Chlorodibromomethane			20.0	21.2		ug/L		106	58 - 130	1	30
Chloroethane			20.0	21.6		ug/L		108	29 - 150	2	30
Chloroform			20.0	21.4		ug/L		107	78 - 125	1	30
Chloromethane			20.0	18.7		ug/L		94	38 - 150	4	30
cis-1,2-Dichloroethene			20.0	19.3		ug/L		96	78 - 121	6	30
cis-1,3-Dichloropropene			20.0	20.4		ug/L		102	74 - 125	2	30
Cyclohexane			20.0	19.9		ug/L		99	67 - 133	5	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720210/4
Matrix: Water
Analysis Batch: 720210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			20.0	21.5		ug/L		107	72 - 121	0	30
Dichlorodifluoromethane			20.0	18.4		ug/L		92	31 - 150	2	30
Ethylbenzene			20.0	20.0		ug/L		100	78 - 120	2	30
Ethylene Dibromide			20.0	20.0		ug/L		100	69 - 126	1	30
Isopropylbenzene			20.0	19.7		ug/L		98	79 - 125	3	30
Methyl acetate			40.0	42.7		ug/L		107	70 - 127	1	30
Methyl tert-butyl ether			20.0	20.3		ug/L		101	65 - 131	1	30
Methylcyclohexane			20.0	20.6		ug/L		103	60 - 139	3	30
Methylene Chloride			20.0	20.2		ug/L		101	74 - 127	4	30
m-Xylene & p-Xylene			20.0	20.1		ug/L		101	78 - 123	1	30
o-Xylene			20.0	19.4		ug/L		97	78 - 122	0	30
Styrene			20.0	20.2		ug/L		101	75 - 127	1	30
Tetrachloroethene			20.0	20.0		ug/L		100	70 - 127	4	30
Toluene			20.0	19.8		ug/L		99	78 - 119	2	30
trans-1,2-Dichloroethene			20.0	19.3		ug/L		97	74 - 126	4	30
trans-1,3-Dichloropropene			20.0	21.0		ug/L		105	66 - 127	3	30
Trichloroethene			20.0	20.5		ug/L		102	71 - 121	2	30
Trichlorofluoromethane			20.0	22.3		ug/L		112	61 - 140	2	30
Vinyl chloride			20.0	20.5		ug/L		103	61 - 144	1	30
Xylenes, Total			40.0	39.5		ug/L		99	78 - 122	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 123*
4-Bromofluorobenzene	*109*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 124*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: MB 460-720240/8
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 12:18	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/28/20 12:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/28/20 12:18	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 12:18	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/28/20 12:18	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 12:18	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 12:18	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			08/28/20 12:18	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			08/28/20 12:18	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			08/28/20 12:18	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/28/20 12:18	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			08/28/20 12:18	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			08/28/20 12:18	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 12:18	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			08/28/20 12:18	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			08/28/20 12:18	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720240/8
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			08/28/20 12:18	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			08/28/20 12:18	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/28/20 12:18	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			08/28/20 12:18	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			08/28/20 12:18	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			08/28/20 12:18	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			08/28/20 12:18	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 12:18	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			08/28/20 12:18	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			08/28/20 12:18	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			08/28/20 12:18	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			08/28/20 12:18	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			08/28/20 12:18	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			08/28/20 12:18	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/28/20 12:18	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			08/28/20 12:18	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			08/28/20 12:18	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			08/28/20 12:18	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/28/20 12:18	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 12:18	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			08/28/20 12:18	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			08/28/20 12:18	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			08/28/20 12:18	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			08/28/20 12:18	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			08/28/20 12:18	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			08/28/20 12:18	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			08/28/20 12:18	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			08/28/20 12:18	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/28/20 12:18	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 12:18	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			08/28/20 12:18	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/28/20 12:18	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/28/20 12:18	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			08/28/20 12:18	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			08/28/20 12:18	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/28/20 12:18	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/28/20 12:18*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*77 - 145*		*08/28/20 12:18*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*		*08/28/20 12:18*	*1*
Dibromofluoromethane (Surr)	*112*		*48 - 150*		*08/28/20 12:18*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/20 12:18*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720240/4
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0206		mg/Kg		103	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0192		mg/Kg		96	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0224		mg/Kg		112	78 - 136
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	75 - 120
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	76 - 129
1,1-Dichloroethene	0.0200	0.0208		mg/Kg		104	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0211		mg/Kg		105	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0216		mg/Kg		108	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0198		mg/Kg		99	60 - 126
1,2-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0200		mg/Kg		100	70 - 132
1,2-Dichloropropane	0.0200	0.0197		mg/Kg		99	73 - 124
1,3-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
2-Butanone (MEK)	0.100	0.0907		mg/Kg		91	75 - 120
2-Hexanone	0.100	0.0998		mg/Kg		100	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.101		mg/Kg		101	80 - 122
Acetone	0.100	0.0913		mg/Kg		91	63 - 131
Benzene	0.0200	0.0207		mg/Kg		103	80 - 123
Bromoform	0.0200	0.0190		mg/Kg		95	48 - 142
Bromomethane	0.0200	0.0199		mg/Kg		99	68 - 136
Carbon disulfide	0.0200	0.0200		mg/Kg		100	67 - 136
Carbon tetrachloride	0.0200	0.0207		mg/Kg		103	72 - 136
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0204		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	62 - 128
Chloroethane	0.0200	0.0206		mg/Kg		103	65 - 134
Chloroform	0.0200	0.0204		mg/Kg		102	79 - 126
Chloromethane	0.0200	0.0203		mg/Kg		102	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		96	72 - 120
Cyclohexane	0.0200	0.0224		mg/Kg		112	80 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	73 - 124
Dichlorodifluoromethane	0.0200	0.0232		mg/Kg		116	40 - 146
Ethylbenzene	0.0200	0.0207		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0203		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0217		mg/Kg		109	80 - 120
Methyl acetate	0.0400	0.0363		mg/Kg		91	58 - 143
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		99	80 - 125
Methylcyclohexane	0.0200	0.0227		mg/Kg		114	79 - 133
Methylene Chloride	0.0200	0.0175		mg/Kg		87	76 - 127
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
o-Xylene	0.0200	0.0205		mg/Kg		102	80 - 120
Styrene	0.0200	0.0207		mg/Kg		103	80 - 120
Tetrachloroethene	0.0200	0.0212		mg/Kg		106	78 - 123
Toluene	0.0200	0.0201		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	68 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720240/4
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.0200	0.0206		mg/Kg		103	79 - 120
Trichlorofluoromethane	0.0200	0.0222		mg/Kg		111	67 - 142
Vinyl chloride	0.0200	0.0205		mg/Kg		103	56 - 147
Xylenes, Total	0.0400	0.0407		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*
4-Bromofluorobenzene	*103*		*79 - 125*
Dibromofluoromethane (Surr)	*103*		*48 - 150*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-720240/5
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0225		mg/Kg		113	78 - 132	9	30
1,1,2,2-Tetrachloroethane	0.0200	0.0211		mg/Kg		105	69 - 123	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0244		mg/Kg		122	78 - 136	8	30
1,1,2-Trichloroethane	0.0200	0.0217		mg/Kg		108	75 - 120	7	30
1,1-Dichloroethane	0.0200	0.0216		mg/Kg		108	76 - 129	2	30
1,1-Dichloroethene	0.0200	0.0219		mg/Kg		109	77 - 132	5	30
1,2,3-Trichlorobenzene	0.0200	0.0227		mg/Kg		114	77 - 120	8	30
1,2,4-Trichlorobenzene	0.0200	0.0240		mg/Kg		120	75 - 120	11	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0213		mg/Kg		107	60 - 126	7	30
1,2-Dichlorobenzene	0.0200	0.0222		mg/Kg		111	80 - 120	8	30
1,2-Dichloroethane	0.0200	0.0211		mg/Kg		105	70 - 132	5	30
1,2-Dichloropropane	0.0200	0.0212		mg/Kg		106	73 - 124	7	30
1,3-Dichlorobenzene	0.0200	0.0222		mg/Kg		111	80 - 120	9	30
1,4-Dichlorobenzene	0.0200	0.0224		mg/Kg		112	80 - 120	10	30
2-Butanone (MEK)	0.100	0.103		mg/Kg		103	75 - 120	12	30
2-Hexanone	0.100	0.119		mg/Kg		119	78 - 120	17	30
4-Methyl-2-pentanone (MIBK)	0.100	0.121		mg/Kg		121	80 - 122	18	30
Acetone	0.100	0.105		mg/Kg		105	63 - 131	14	30
Benzene	0.0200	0.0216		mg/Kg		108	80 - 123	5	30
Bromoform	0.0200	0.0206		mg/Kg		103	48 - 142	8	30
Bromomethane	0.0200	0.0201		mg/Kg		101	68 - 136	1	30
Carbon disulfide	0.0200	0.0203		mg/Kg		102	67 - 136	1	30
Carbon tetrachloride	0.0200	0.0226		mg/Kg		113	72 - 136	9	30
Chlorobenzene	0.0200	0.0219		mg/Kg		109	80 - 120	9	30
Chlorobromomethane	0.0200	0.0215		mg/Kg		107	76 - 127	5	30
Chlorodibromomethane	0.0200	0.0203		mg/Kg		102	62 - 128	7	30
Chloroethane	0.0200	0.0206		mg/Kg		103	65 - 134	0	30
Chloroform	0.0200	0.0223		mg/Kg		112	79 - 126	9	30
Chloromethane	0.0200	0.0213		mg/Kg		106	48 - 150	5	30
cis-1,2-Dichloroethene	0.0200	0.0208		mg/Kg		104	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		101	72 - 120	5	30
Cyclohexane	0.0200	0.0244		mg/Kg		122	80 - 132	9	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720240/5
Matrix: Solid
Analysis Batch: 720240

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			0.0200	0.0206		mg/Kg		103	73 - 124	8	30
Dichlorodifluoromethane			0.0200	0.0237		mg/Kg		118	40 - 146	2	30
Ethylbenzene			0.0200	0.0225		mg/Kg		113	80 - 120	9	30
Ethylene Dibromide			0.0200	0.0217		mg/Kg		109	79 - 120	7	30
Isopropylbenzene			0.0200	0.0238		mg/Kg		119	80 - 120	9	30
Methyl acetate			0.0400	0.0386		mg/Kg		96	58 - 143	6	30
Methyl tert-butyl ether			0.0200	0.0207		mg/Kg		104	80 - 125	5	30
Methylcyclohexane			0.0200	0.0248		mg/Kg		124	79 - 133	9	30
Methylene Chloride			0.0200	0.0179		mg/Kg		89	76 - 127	2	30
m-Xylene & p-Xylene			0.0200	0.0227		mg/Kg		113	80 - 120	11	30
o-Xylene			0.0200	0.0227		mg/Kg		114	80 - 120	10	30
Styrene			0.0200	0.0226		mg/Kg		113	80 - 120	9	30
Tetrachloroethene			0.0200	0.0227		mg/Kg		113	78 - 123	7	30
Toluene			0.0200	0.0217		mg/Kg		109	80 - 120	8	30
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 128	6	30
trans-1,3-Dichloropropene			0.0200	0.0201		mg/Kg		100	68 - 120	7	30
Trichloroethene			0.0200	0.0220		mg/Kg		110	79 - 120	6	30
Trichlorofluoromethane			0.0200	0.0227		mg/Kg		114	67 - 142	2	30
Vinyl chloride			0.0200	0.0219		mg/Kg		110	56 - 147	7	30
Xylenes, Total			0.0400	0.0454		mg/Kg		113	80 - 120	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*
4-Bromofluorobenzene	*105*		*79 - 125*
Dibromofluoromethane (Surr)	*105*		*48 - 150*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-720347/7
Matrix: Solid
Analysis Batch: 720347

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 19:19	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/28/20 19:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/28/20 19:19	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 19:19	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/28/20 19:19	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 19:19	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 19:19	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			08/28/20 19:19	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			08/28/20 19:19	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			08/28/20 19:19	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/28/20 19:19	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			08/28/20 19:19	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			08/28/20 19:19	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 19:19	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			08/28/20 19:19	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			08/28/20 19:19	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720347/7
Matrix: Solid
Analysis Batch: 720347

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			08/28/20 19:19	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			08/28/20 19:19	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/28/20 19:19	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			08/28/20 19:19	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			08/28/20 19:19	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			08/28/20 19:19	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			08/28/20 19:19	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 19:19	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			08/28/20 19:19	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			08/28/20 19:19	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			08/28/20 19:19	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			08/28/20 19:19	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			08/28/20 19:19	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			08/28/20 19:19	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/28/20 19:19	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			08/28/20 19:19	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			08/28/20 19:19	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			08/28/20 19:19	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/28/20 19:19	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/28/20 19:19	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			08/28/20 19:19	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			08/28/20 19:19	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			08/28/20 19:19	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			08/28/20 19:19	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			08/28/20 19:19	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			08/28/20 19:19	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			08/28/20 19:19	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			08/28/20 19:19	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/28/20 19:19	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/20 19:19	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			08/28/20 19:19	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/28/20 19:19	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/28/20 19:19	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			08/28/20 19:19	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			08/28/20 19:19	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/28/20 19:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/28/20 19:19*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*		*08/28/20 19:19*	*1*
4-Bromofluorobenzene	*101*		*79 - 125*		*08/28/20 19:19*	*1*
Dibromofluoromethane (Surr)	*100*		*48 - 150*		*08/28/20 19:19*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/28/20 19:19*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720347/10
Matrix: Solid
Analysis Batch: 720347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0201		mg/Kg		100	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/Kg		95	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0177		mg/Kg		88	78 - 136
1,1,2-Trichloroethane	0.0200	0.0195		mg/Kg		97	75 - 120
1,1-Dichloroethane	0.0200	0.0193		mg/Kg		97	76 - 129
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0194		mg/Kg		97	60 - 126
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		101	70 - 132
1,2-Dichloropropane	0.0200	0.0201		mg/Kg		100	73 - 124
1,3-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.106		mg/Kg		106	75 - 120
2-Hexanone	0.100	0.104		mg/Kg		104	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 122
Acetone	0.100	0.0792		mg/Kg		79	63 - 131
Benzene	0.0200	0.0196		mg/Kg		98	80 - 123
Bromoform	0.0200	0.0199		mg/Kg		100	48 - 142
Bromomethane	0.0200	0.0169		mg/Kg		85	68 - 136
Carbon disulfide	0.0200	0.0184		mg/Kg		92	67 - 136
Carbon tetrachloride	0.0200	0.0203		mg/Kg		102	72 - 136
Chlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	62 - 128
Chloroethane	0.0200	0.0174		mg/Kg		87	65 - 134
Chloroform	0.0200	0.0203		mg/Kg		102	79 - 126
Chloromethane	0.0200	0.0175		mg/Kg		88	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0208		mg/Kg		104	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		96	72 - 120
Cyclohexane	0.0200	0.0221		mg/Kg		110	80 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	73 - 124
Dichlorodifluoromethane	0.0200	0.0171		mg/Kg		86	40 - 146
Ethylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0203		mg/Kg		101	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Methyl acetate	0.0400	0.0396		mg/Kg		99	58 - 143
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		98	80 - 125
Methylcyclohexane	0.0200	0.0216		mg/Kg		108	79 - 133
Methylene Chloride	0.0200	0.0199		mg/Kg		100	76 - 127
m-Xylene & p-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120
o-Xylene	0.0200	0.0207		mg/Kg		103	80 - 120
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120
Tetrachloroethene	0.0200	0.0199		mg/Kg		99	78 - 123
Toluene	0.0200	0.0201		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		104	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	68 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720347/10
Matrix: Solid
Analysis Batch: 720347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.0200	0.0207		mg/Kg		103	79 - 120
Trichlorofluoromethane	0.0200	0.0162		mg/Kg		81	67 - 142
Vinyl chloride	0.0200	0.0176		mg/Kg		88	56 - 147
Xylenes, Total	0.0400	0.0410		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 145*
4-Bromofluorobenzene	*105*		*79 - 125*
Dibromofluoromethane (Surr)	*104*		*48 - 150*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-720347/4
Matrix: Solid
Analysis Batch: 720347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0206		mg/Kg		103	78 - 132	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0201		mg/Kg		100	69 - 123	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191		mg/Kg		95	78 - 136	8	30
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	75 - 120	1	30
1,1-Dichloroethane	0.0200	0.0188		mg/Kg		94	76 - 129	3	30
1,1-Dichloroethene	0.0200	0.0182		mg/Kg		91	77 - 132	3	30
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		101	77 - 120	2	30
1,2,4-Trichlorobenzene	0.0200	0.0212		mg/Kg		106	75 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0197		mg/Kg		98	60 - 126	2	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0198		mg/Kg		99	70 - 132	2	30
1,2-Dichloropropane	0.0200	0.0200		mg/Kg		100	73 - 124	0	30
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		103	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120	3	30
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	75 - 120	5	30
2-Hexanone	0.100	0.0987		mg/Kg		99	78 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0978		mg/Kg		98	80 - 122	4	30
Acetone	0.100	0.0886		mg/Kg		89	63 - 131	11	30
Benzene	0.0200	0.0204		mg/Kg		102	80 - 123	4	30
Bromoform	0.0200	0.0195		mg/Kg		97	48 - 142	2	30
Bromomethane	0.0200	0.0160		mg/Kg		80	68 - 136	6	30
Carbon disulfide	0.0200	0.0198		mg/Kg		99	67 - 136	7	30
Carbon tetrachloride	0.0200	0.0201		mg/Kg		100	72 - 136	1	30
Chlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120	2	30
Chlorobromomethane	0.0200	0.0207		mg/Kg		104	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0185		mg/Kg		93	62 - 128	3	30
Chloroethane	0.0200	0.0147		mg/Kg		73	65 - 134	17	30
Chloroform	0.0200	0.0207		mg/Kg		103	79 - 126	2	30
Chloromethane	0.0200	0.0157		mg/Kg		79	48 - 150	11	30
cis-1,2-Dichloroethene	0.0200	0.0206		mg/Kg		103	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0189		mg/Kg		94	72 - 120	1	30
Cyclohexane	0.0200	0.0223		mg/Kg		112	80 - 132	1	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720347/4
Matrix: Solid
Analysis Batch: 720347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			0.0200	0.0188		mg/Kg		94	73 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0178		mg/Kg		89	40 - 146	4	30
Ethylbenzene			0.0200	0.0202		mg/Kg		101	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0197		mg/Kg		98	79 - 120	3	30
Isopropylbenzene			0.0200	0.0207		mg/Kg		104	80 - 120	4	30
Methyl acetate			0.0400	0.0424		mg/Kg		106	58 - 143	7	30
Methyl tert-butyl ether			0.0200	0.0197		mg/Kg		98	80 - 125	0	30
Methylcyclohexane			0.0200	0.0216		mg/Kg		108	79 - 133	0	30
Methylene Chloride			0.0200	0.0204		mg/Kg		102	76 - 127	3	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		101	80 - 120	0	30
o-Xylene			0.0200	0.0205		mg/Kg		102	80 - 120	1	30
Styrene			0.0200	0.0205		mg/Kg		103	80 - 120	1	30
Tetrachloroethene			0.0200	0.0208		mg/Kg		104	78 - 123	4	30
Toluene			0.0200	0.0202		mg/Kg		101	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0214		mg/Kg		107	78 - 128	2	30
trans-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		93	68 - 120	1	30
Trichloroethene			0.0200	0.0203		mg/Kg		101	79 - 120	2	30
Trichlorofluoromethane			0.0200	0.0154		mg/Kg		77	67 - 142	5	30
Vinyl chloride			0.0200	0.0162		mg/Kg		81	56 - 147	8	30
Xylenes, Total			0.0400	0.0407		mg/Kg		102	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*
4-Bromofluorobenzene	*105*		*79 - 125*
Dibromofluoromethane (Surr)	*101*		*48 - 150*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LB3 460-720439/1-A
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720439

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg		08/28/20 21:04	08/31/20 07:18	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-720439/1-A
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720439

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg		08/28/20 21:04	08/31/20 07:18	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg		08/28/20 21:04	08/31/20 07:18	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/28/20 21:04*	*08/31/20 07:18*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 145*	*08/28/20 21:04*	*08/31/20 07:18*	*1*
4-Bromofluorobenzene	*103*		*79 - 125*	*08/28/20 21:04*	*08/31/20 07:18*	*1*
Dibromofluoromethane (Surr)	*104*		*48 - 150*	*08/28/20 21:04*	*08/31/20 07:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/28/20 21:04*	*08/31/20 07:18*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720465/7
Matrix: Solid
Analysis Batch: 720465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 07:27	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/29/20 07:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/29/20 07:27	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 07:27	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/29/20 07:27	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 07:27	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 07:27	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			08/29/20 07:27	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			08/29/20 07:27	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			08/29/20 07:27	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/29/20 07:27	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			08/29/20 07:27	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			08/29/20 07:27	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 07:27	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			08/29/20 07:27	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			08/29/20 07:27	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			08/29/20 07:27	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			08/29/20 07:27	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/29/20 07:27	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			08/29/20 07:27	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			08/29/20 07:27	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			08/29/20 07:27	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			08/29/20 07:27	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 07:27	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			08/29/20 07:27	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			08/29/20 07:27	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			08/29/20 07:27	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			08/29/20 07:27	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			08/29/20 07:27	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			08/29/20 07:27	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/29/20 07:27	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			08/29/20 07:27	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			08/29/20 07:27	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			08/29/20 07:27	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/29/20 07:27	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 07:27	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			08/29/20 07:27	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			08/29/20 07:27	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			08/29/20 07:27	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			08/29/20 07:27	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			08/29/20 07:27	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			08/29/20 07:27	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			08/29/20 07:27	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			08/29/20 07:27	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/29/20 07:27	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 07:27	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			08/29/20 07:27	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/29/20 07:27	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720465/7
Matrix: Solid
Analysis Batch: 720465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/29/20 07:27	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			08/29/20 07:27	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			08/29/20 07:27	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/29/20 07:27	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/29/20 07:27*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*77 - 145*		*08/29/20 07:27*	*1*
4-Bromofluorobenzene	*90*		*79 - 125*		*08/29/20 07:27*	*1*
Dibromofluoromethane (Surr)	*89*		*48 - 150*		*08/29/20 07:27*	*1*
Toluene-d8 (Surr)	*84*		*80 - 120*		*08/29/20 07:27*	*1*

Lab Sample ID: LCS 460-720465/3
Matrix: Solid
Analysis Batch: 720465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0207		mg/Kg		104	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191		mg/Kg		96	78 - 136
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	75 - 120
1,1-Dichloroethane	0.0200	0.0197		mg/Kg		98	76 - 129
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		93	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0209		mg/Kg		105	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	60 - 126
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0204		mg/Kg		102	70 - 132
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		102	73 - 124
1,3-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0200	0.0201		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	75 - 120
2-Hexanone	0.100	0.102		mg/Kg		102	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0988		mg/Kg		99	80 - 122
Acetone	0.100	0.0960		mg/Kg		96	63 - 131
Benzene	0.0200	0.0207		mg/Kg		103	80 - 123
Bromoform	0.0200	0.0179		mg/Kg		89	48 - 142
Bromomethane	0.0200	0.0191		mg/Kg		96	68 - 136
Carbon disulfide	0.0200	0.0192		mg/Kg		96	67 - 136
Carbon tetrachloride	0.0200	0.0213		mg/Kg		107	72 - 136
Chlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
Chlorobromomethane	0.0200	0.0210		mg/Kg		105	76 - 127
Chlorodibromomethane	0.0200	0.0180		mg/Kg		90	62 - 128
Chloroethane	0.0200	0.0202		mg/Kg		101	65 - 134
Chloroform	0.0200	0.0209		mg/Kg		105	79 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720465/3
Matrix: Solid
Analysis Batch: 720465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0200	0.0190		mg/Kg		95	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	72 - 120
Cyclohexane	0.0200	0.0228		mg/Kg		114	80 - 132
Dichlorobromomethane	0.0200	0.0191		mg/Kg		95	73 - 124
Dichlorodifluoromethane	0.0200	0.0201		mg/Kg		100	40 - 146
Ethylbenzene	0.0200	0.0210		mg/Kg		105	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0212		mg/Kg		106	80 - 120
Methyl acetate	0.0400	0.0446		mg/Kg		112	58 - 143
Methyl tert-butyl ether	0.0200	0.0203		mg/Kg		101	80 - 125
Methylcyclohexane	0.0200	0.0227		mg/Kg		114	79 - 133
Methylene Chloride	0.0200	0.0204		mg/Kg		102	76 - 127
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120
Tetrachloroethene	0.0200	0.0209		mg/Kg		105	78 - 123
Toluene	0.0200	0.0201		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		93	68 - 120
Trichloroethene	0.0200	0.0206		mg/Kg		103	79 - 120
Trichlorofluoromethane	0.0200	0.0194		mg/Kg		97	67 - 142
Vinyl chloride	0.0200	0.0205		mg/Kg		102	56 - 147
Xylenes, Total	0.0400	0.0395		mg/Kg		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 145*
4-Bromofluorobenzene	*92*		*79 - 125*
Dibromofluoromethane (Surr)	*94*		*48 - 150*
Toluene-d8 (Surr)	*88*		*80 - 120*

Lab Sample ID: LCSD 460-720465/4
Matrix: Solid
Analysis Batch: 720465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		97	78 - 132	6	30
1,1,2,2-Tetrachloroethane	0.0200	0.0180		mg/Kg		90	69 - 123	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0186		mg/Kg		93	78 - 136	2	30
1,1,2-Trichloroethane	0.0200	0.0178		mg/Kg		89	75 - 120	11	30
1,1-Dichloroethane	0.0200	0.0181		mg/Kg		90	76 - 129	9	30
1,1-Dichloroethene	0.0200	0.0173		mg/Kg		86	77 - 132	8	30
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 120	13	30
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	75 - 120	9	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		91	60 - 126	1	30
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120	9	30
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 132	7	30
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		96	73 - 124	6	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720465/4
Matrix: Solid
Analysis Batch: 720465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			0.0200	0.0194		mg/Kg		97	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0188		mg/Kg		94	80 - 120	7	30
2-Butanone (MEK)			0.100	0.0965		mg/Kg		97	75 - 120	4	30
2-Hexanone			0.100	0.0969		mg/Kg		97	78 - 120	5	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0930		mg/Kg		93	80 - 122	6	30
Acetone			0.100	0.0769		mg/Kg		77	63 - 131	22	30
Benzene			0.0200	0.0187		mg/Kg		93	80 - 123	10	30
Bromoform			0.0200	0.0173		mg/Kg		86	48 - 142	3	30
Bromomethane			0.0200	0.0177		mg/Kg		88	68 - 136	8	30
Carbon disulfide			0.0200	0.0178		mg/Kg		89	67 - 136	7	30
Carbon tetrachloride			0.0200	0.0194		mg/Kg		97	72 - 136	9	30
Chlorobenzene			0.0200	0.0183		mg/Kg		92	80 - 120	10	30
Chlorobromomethane			0.0200	0.0192		mg/Kg		96	76 - 127	9	30
Chlorodibromomethane			0.0200	0.0168		mg/Kg		84	62 - 128	7	30
Chloroethane			0.0200	0.0182		mg/Kg		91	65 - 134	10	30
Chloroform			0.0200	0.0191		mg/Kg		96	79 - 126	9	30
Chloromethane			0.0200	0.0173		mg/Kg		86	48 - 150	9	30
cis-1,2-Dichloroethene			0.0200	0.0199		mg/Kg		100	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0173		mg/Kg		87	72 - 120	6	30
Cyclohexane			0.0200	0.0208		mg/Kg		104	80 - 132	9	30
Dichlorobromomethane			0.0200	0.0173		mg/Kg		87	73 - 124	9	30
Dichlorodifluoromethane			0.0200	0.0179		mg/Kg		90	40 - 146	11	30
Ethylbenzene			0.0200	0.0187		mg/Kg		93	80 - 120	12	30
Ethylene Dibromide			0.0200	0.0176		mg/Kg		88	79 - 120	6	30
Isopropylbenzene			0.0200	0.0192		mg/Kg		96	80 - 120	10	30
Methyl acetate			0.0400	0.0358		mg/Kg		89	58 - 143	22	30
Methyl tert-butyl ether			0.0200	0.0180		mg/Kg		90	80 - 125	12	30
Methylcyclohexane			0.0200	0.0205		mg/Kg		102	79 - 133	10	30
Methylene Chloride			0.0200	0.0189		mg/Kg		94	76 - 127	8	30
m-Xylene & p-Xylene			0.0200	0.0186		mg/Kg		93	80 - 120	7	30
o-Xylene			0.0200	0.0185		mg/Kg		93	80 - 120	6	30
Styrene			0.0200	0.0188		mg/Kg		94	80 - 120	7	30
Tetrachloroethene			0.0200	0.0187		mg/Kg		94	78 - 123	11	30
Toluene			0.0200	0.0183		mg/Kg		92	80 - 120	9	30
trans-1,2-Dichloroethene			0.0200	0.0193		mg/Kg		97	78 - 128	6	30
trans-1,3-Dichloropropene			0.0200	0.0163		mg/Kg		82	68 - 120	14	30
Trichloroethene			0.0200	0.0192		mg/Kg		96	79 - 120	7	30
Trichlorofluoromethane			0.0200	0.0179		mg/Kg		89	67 - 142	8	30
Vinyl chloride			0.0200	0.0185		mg/Kg		93	56 - 147	10	30
Xylenes, Total			0.0400	0.0371		mg/Kg		93	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*
4-Bromofluorobenzene	*103*		*79 - 125*
Dibromofluoromethane (Surr)	*105*		*48 - 150*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720508/7
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 11:52	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/29/20 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/29/20 11:52	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 11:52	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/29/20 11:52	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 11:52	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 11:52	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			08/29/20 11:52	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			08/29/20 11:52	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			08/29/20 11:52	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/29/20 11:52	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			08/29/20 11:52	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			08/29/20 11:52	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 11:52	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			08/29/20 11:52	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			08/29/20 11:52	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			08/29/20 11:52	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			08/29/20 11:52	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/29/20 11:52	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			08/29/20 11:52	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			08/29/20 11:52	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			08/29/20 11:52	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			08/29/20 11:52	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 11:52	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			08/29/20 11:52	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			08/29/20 11:52	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			08/29/20 11:52	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			08/29/20 11:52	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			08/29/20 11:52	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			08/29/20 11:52	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/29/20 11:52	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			08/29/20 11:52	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			08/29/20 11:52	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			08/29/20 11:52	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/29/20 11:52	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/29/20 11:52	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			08/29/20 11:52	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			08/29/20 11:52	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			08/29/20 11:52	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			08/29/20 11:52	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			08/29/20 11:52	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			08/29/20 11:52	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			08/29/20 11:52	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			08/29/20 11:52	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/29/20 11:52	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/29/20 11:52	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			08/29/20 11:52	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/29/20 11:52	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720508/7
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/29/20 11:52	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			08/29/20 11:52	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			08/29/20 11:52	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/29/20 11:52	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/29/20 11:52*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 145*		*08/29/20 11:52*	*1*
4-Bromofluorobenzene	*109*		*79 - 125*		*08/29/20 11:52*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*		*08/29/20 11:52*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*08/29/20 11:52*	*1*

Lab Sample ID: LCS 460-720508/3
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0240		mg/Kg		120	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0196		mg/Kg		98	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0269		mg/Kg		135	78 - 136
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	75 - 120
1,1-Dichloroethane	0.0200	0.0222		mg/Kg		111	76 - 129
1,1-Dichloroethene	0.0200	0.0243		mg/Kg		121	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0230		mg/Kg		115	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0210		mg/Kg		105	60 - 126
1,2-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120
1,2-Dichloroethane	0.0200	0.0202		mg/Kg		101	70 - 132
1,2-Dichloropropane	0.0200	0.0207		mg/Kg		103	73 - 124
1,3-Dichlorobenzene	0.0200	0.0222		mg/Kg		111	80 - 120
1,4-Dichlorobenzene	0.0200	0.0221		mg/Kg		110	80 - 120
2-Butanone (MEK)	0.100	0.0962		mg/Kg		96	75 - 120
2-Hexanone	0.100	0.105		mg/Kg		105	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 122
Acetone	0.100	0.0939		mg/Kg		94	63 - 131
Benzene	0.0200	0.0226		mg/Kg		113	80 - 123
Bromoform	0.0200	0.0189		mg/Kg		95	48 - 142
Bromomethane	0.0200	0.0211		mg/Kg		106	68 - 136
Carbon disulfide	0.0200	0.0226		mg/Kg		113	67 - 136
Carbon tetrachloride	0.0200	0.0240		mg/Kg		120	72 - 136
Chlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120
Chlorobromomethane	0.0200	0.0213		mg/Kg		107	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	62 - 128
Chloroethane	0.0200	0.0221		mg/Kg		111	65 - 134
Chloroform	0.0200	0.0219		mg/Kg		109	79 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720508/3
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0200	0.0231		mg/Kg		116	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0207		mg/Kg		103	72 - 120
Cyclohexane	0.0200	0.0264		mg/Kg		132	80 - 132
Dichlorobromomethane	0.0200	0.0196		mg/Kg		98	73 - 124
Dichlorodifluoromethane	0.0200	0.0254		mg/Kg		127	40 - 146
Ethylbenzene	0.0200	0.0226		mg/Kg		113	80 - 120
Ethylene Dibromide	0.0200	0.0208		mg/Kg		104	79 - 120
Isopropylbenzene	0.0200	0.0235		mg/Kg		118	80 - 120
Methyl acetate	0.0400	0.0348		mg/Kg		87	58 - 143
Methyl tert-butyl ether	0.0200	0.0207		mg/Kg		103	80 - 125
Methylcyclohexane	0.0200	0.0271	*	mg/Kg		135	79 - 133
Methylene Chloride	0.0200	0.0186		mg/Kg		93	76 - 127
m-Xylene & p-Xylene	0.0200	0.0223		mg/Kg		111	80 - 120
o-Xylene	0.0200	0.0217		mg/Kg		109	80 - 120
Styrene	0.0200	0.0221		mg/Kg		110	80 - 120
Tetrachloroethene	0.0200	0.0234		mg/Kg		117	78 - 123
Toluene	0.0200	0.0221		mg/Kg		110	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0236		mg/Kg		118	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	68 - 120
Trichloroethene	0.0200	0.0225		mg/Kg		112	79 - 120
Trichlorofluoromethane	0.0200	0.0250		mg/Kg		125	67 - 142
Vinyl chloride	0.0200	0.0241		mg/Kg		120	56 - 147
Xylenes, Total	0.0400	0.0440		mg/Kg		110	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 145*
4-Bromofluorobenzene	*107*		*79 - 125*
Dibromofluoromethane (Surr)	*105*		*48 - 150*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: LCSD 460-720508/4
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132	12	30
1,1,2,2-Tetrachloroethane	0.0200	0.0174		mg/Kg		87	69 - 123	12	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242		mg/Kg		121	78 - 136	11	30
1,1,2-Trichloroethane	0.0200	0.0181		mg/Kg		91	75 - 120	12	30
1,1-Dichloroethane	0.0200	0.0198		mg/Kg		99	76 - 129	11	30
1,1-Dichloroethene	0.0200	0.0217		mg/Kg		109	77 - 132	11	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	77 - 120	9	30
1,2,4-Trichlorobenzene	0.0200	0.0209		mg/Kg		105	75 - 120	10	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0185		mg/Kg		92	60 - 126	13	30
1,2-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	10	30
1,2-Dichloroethane	0.0200	0.0179		mg/Kg		89	70 - 132	12	30
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124	12	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720508/4
Matrix: Solid
Analysis Batch: 720508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			0.0200	0.0195		mg/Kg		98	80 - 120	13	30
1,4-Dichlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	12	30
2-Butanone (MEK)			0.100	0.0866		mg/Kg		87	75 - 120	10	30
2-Hexanone			0.100	0.0900		mg/Kg		90	78 - 120	15	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0919		mg/Kg		92	80 - 122	12	30
Acetone			0.100	0.0917		mg/Kg		92	63 - 131	2	30
Benzene			0.0200	0.0200		mg/Kg		100	80 - 123	12	30
Bromoform			0.0200	0.0164		mg/Kg		82	48 - 142	14	30
Bromomethane			0.0200	0.0205		mg/Kg		103	68 - 136	3	30
Carbon disulfide			0.0200	0.0208		mg/Kg		104	67 - 136	9	30
Carbon tetrachloride			0.0200	0.0214		mg/Kg		107	72 - 136	11	30
Chlorobenzene			0.0200	0.0190		mg/Kg		95	80 - 120	13	30
Chlorobromomethane			0.0200	0.0190		mg/Kg		95	76 - 127	11	30
Chlorodibromomethane			0.0200	0.0164		mg/Kg		82	62 - 128	15	30
Chloroethane			0.0200	0.0218		mg/Kg		109	65 - 134	1	30
Chloroform			0.0200	0.0197		mg/Kg		98	79 - 126	11	30
Chloromethane			0.0200	0.0227		mg/Kg		114	48 - 150	2	30
cis-1,2-Dichloroethene			0.0200	0.0193		mg/Kg		96	80 - 123	11	30
cis-1,3-Dichloropropene			0.0200	0.0178		mg/Kg		89	72 - 120	15	30
Cyclohexane			0.0200	0.0240		mg/Kg		120	80 - 132	10	30
Dichlorobromomethane			0.0200	0.0174		mg/Kg		87	73 - 124	12	30
Dichlorodifluoromethane			0.0200	0.0237		mg/Kg		119	40 - 146	7	30
Ethylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	12	30
Ethylene Dibromide			0.0200	0.0184		mg/Kg		92	79 - 120	12	30
Isopropylbenzene			0.0200	0.0214		mg/Kg		107	80 - 120	9	30
Methyl acetate			0.0400	0.0327		mg/Kg		82	58 - 143	6	30
Methyl tert-butyl ether			0.0200	0.0184		mg/Kg		92	80 - 125	12	30
Methylcyclohexane			0.0200	0.0241		mg/Kg		120	79 - 133	12	30
Methylene Chloride			0.0200	0.0169		mg/Kg		85	76 - 127	10	30
m-Xylene & p-Xylene			0.0200	0.0199		mg/Kg		99	80 - 120	11	30
o-Xylene			0.0200	0.0199		mg/Kg		99	80 - 120	9	30
Styrene			0.0200	0.0196		mg/Kg		98	80 - 120	12	30
Tetrachloroethene			0.0200	0.0212		mg/Kg		106	78 - 123	10	30
Toluene			0.0200	0.0197		mg/Kg		98	80 - 120	11	30
trans-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		106	78 - 128	11	30
trans-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	68 - 120	16	30
Trichloroethene			0.0200	0.0201		mg/Kg		100	79 - 120	11	30
Trichlorofluoromethane			0.0200	0.0236		mg/Kg		118	67 - 142	6	30
Vinyl chloride			0.0200	0.0232		mg/Kg		116	56 - 147	4	30
Xylenes, Total			0.0400	0.0398		mg/Kg		99	80 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 145*
4-Bromofluorobenzene	*97*		*79 - 125*
Dibromofluoromethane (Surr)	*97*		*48 - 150*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-720511/1-A
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720511

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		08/29/20 09:32	08/31/20 12:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-720511/1-A
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720511

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg		08/29/20 09:32	08/31/20 12:04	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg		08/29/20 09:32	08/31/20 12:04	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/29/20 09:32*	*08/31/20 12:04*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 145*	*08/29/20 09:32*	*08/31/20 12:04*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*	*08/29/20 09:32*	*08/31/20 12:04*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*08/29/20 09:32*	*08/31/20 12:04*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*	*08/29/20 09:32*	*08/31/20 12:04*	*1*

Lab Sample ID: MB 460-720644/9
Matrix: Water
Analysis Batch: 720644

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/20 12:24	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/20 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/30/20 12:24	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/30/20 12:24	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/20 12:24	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/20 12:24	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/30/20 12:24	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/20 12:24	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/20 12:24	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/30/20 12:24	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/20 12:24	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/20 12:24	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/20 12:24	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/20 12:24	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/30/20 12:24	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/20 12:24	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/30/20 12:24	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/20 12:24	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/20 12:24	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/20 12:24	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/20 12:24	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/20 12:24	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/20 12:24	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/20 12:24	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/30/20 12:24	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/30/20 12:24	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/20 12:24	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/20 12:24	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/20 12:24	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720644/9
Matrix: Water
Analysis Batch: 720644

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/20 12:24	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/20 12:24	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/20 12:24	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/30/20 12:24	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/20 12:24	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/20 12:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/20 12:24	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/20 12:24	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/30/20 12:24	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/30/20 12:24	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/30/20 12:24	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/20 12:24	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/30/20 12:24	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/30/20 12:24	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/20 12:24	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/20 12:24	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/20 12:24	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/20 12:24	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/30/20 12:24	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/20 12:24	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/20 12:24	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/20 12:24	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/20 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 123*		*08/30/20 12:24*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/30/20 12:24*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 124*		*08/30/20 12:24*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/30/20 12:24*	*1*

Lab Sample ID: LCS 460-720644/5
Matrix: Water
Analysis Batch: 720644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	16.9		ug/L		85	68 - 128
1,1,2,2-Tetrachloroethane	20.0	17.1		ug/L		85	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.9		ug/L		109	59 - 142
1,1,2-Trichloroethane	20.0	18.7		ug/L		94	74 - 125
1,1-Dichloroethane	20.0	19.3		ug/L		96	73 - 130
1,1-Dichloroethene	20.0	21.4		ug/L		107	68 - 133
1,2,3-Trichlorobenzene	20.0	23.1		ug/L		115	53 - 144
1,2,4-Trichlorobenzene	20.0	23.7		ug/L		118	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	13.3		ug/L		67	41 - 143
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	79 - 122
1,2-Dichloroethane	20.0	18.0		ug/L		90	75 - 121
1,2-Dichloropropane	20.0	19.7		ug/L		99	76 - 126
1,3-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720644/5
Matrix: Water
Analysis Batch: 720644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 118
2-Butanone (MEK)	100	105		ug/L		105	69 - 128
2-Hexanone	100	103		ug/L		103	74 - 127
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	78 - 125
Acetone	100	104		ug/L		104	61 - 134
Benzene	20.0	19.0		ug/L		95	78 - 126
Bromoform	20.0	13.3		ug/L		67	38 - 144
Bromomethane	20.0	25.8		ug/L		129	10 - 150
Carbon disulfide	20.0	19.8		ug/L		99	64 - 138
Carbon tetrachloride	20.0	15.8		ug/L		79	56 - 131
Chlorobenzene	20.0	20.6		ug/L		103	80 - 119
Chlorobromomethane	20.0	20.3		ug/L		102	73 - 126
Chlorodibromomethane	20.0	15.2		ug/L		76	58 - 130
Chloroethane	20.0	20.4		ug/L		102	29 - 150
Chloroform	20.0	19.9		ug/L		99	78 - 125
Chloromethane	20.0	20.7		ug/L		103	38 - 150
cis-1,2-Dichloroethene	20.0	20.2		ug/L		101	78 - 121
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	74 - 125
Cyclohexane	20.0	18.4		ug/L		92	67 - 133
Dichlorobromomethane	20.0	18.2		ug/L		91	72 - 121
Dichlorodifluoromethane	20.0	27.2		ug/L		136	31 - 150
Ethylbenzene	20.0	19.2		ug/L		96	78 - 120
Ethylene Dibromide	20.0	18.6		ug/L		93	69 - 126
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125
Methyl acetate	40.0	30.8		ug/L		77	70 - 127
Methyl tert-butyl ether	20.0	16.9		ug/L		84	65 - 131
Methylcyclohexane	20.0	22.2		ug/L		111	60 - 139
Methylene Chloride	20.0	20.9		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	19.5		ug/L		97	78 - 123
o-Xylene	20.0	19.4		ug/L		97	78 - 122
Styrene	20.0	19.9		ug/L		99	75 - 127
Tetrachloroethene	20.0	22.0		ug/L		110	70 - 127
Toluene	20.0	19.2		ug/L		96	78 - 119
trans-1,2-Dichloroethene	20.0	21.1		ug/L		105	74 - 126
trans-1,3-Dichloropropene	20.0	16.9		ug/L		84	66 - 127
Trichloroethene	20.0	20.2		ug/L		101	71 - 121
Trichlorofluoromethane	20.0	20.9		ug/L		105	61 - 140
Vinyl chloride	20.0	20.9		ug/L		105	61 - 144
Xylenes, Total	40.0	38.9		ug/L		97	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 123*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 124*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720644/29
Matrix: Water
Analysis Batch: 720644

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.4		ug/L		82	68 - 128	3	30
1,1,2,2-Tetrachloroethane	20.0	15.0		ug/L		75	63 - 139	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	59 - 142	6	30
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	74 - 125	1	30
1,1-Dichloroethane	20.0	19.1		ug/L		95	73 - 130	1	30
1,1-Dichloroethene	20.0	21.2		ug/L		106	68 - 133	1	30
1,2,3-Trichlorobenzene	20.0	22.0		ug/L		110	53 - 144	5	30
1,2,4-Trichlorobenzene	20.0	22.0		ug/L		110	64 - 132	7	30
1,2-Dibromo-3-Chloropropane	20.0	13.3		ug/L		66	41 - 143	0	30
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	79 - 122	5	30
1,2-Dichloroethane	20.0	18.0		ug/L		90	75 - 121	0	30
1,2-Dichloropropane	20.0	20.0		ug/L		100	76 - 126	1	30
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 121	4	30
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 118	5	30
2-Butanone (MEK)	100	107		ug/L		107	69 - 128	2	30
2-Hexanone	100	105		ug/L		105	74 - 127	2	30
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	78 - 125	3	30
Acetone	100	107		ug/L		107	61 - 134	2	30
Benzene	20.0	18.8		ug/L		94	78 - 126	1	30
Bromoform	20.0	13.1		ug/L		65	38 - 144	2	30
Bromomethane	20.0	26.1		ug/L		131	10 - 150	1	30
Carbon disulfide	20.0	19.4		ug/L		97	64 - 138	2	30
Carbon tetrachloride	20.0	15.5		ug/L		77	56 - 131	2	30
Chlorobenzene	20.0	20.3		ug/L		101	80 - 119	1	30
Chlorobromomethane	20.0	20.2		ug/L		101	73 - 126	0	30
Chlorodibromomethane	20.0	14.9		ug/L		75	58 - 130	2	30
Chloroethane	20.0	20.2		ug/L		101	29 - 150	1	30
Chloroform	20.0	19.9		ug/L		99	78 - 125	0	30
Chloromethane	20.0	20.4		ug/L		102	38 - 150	1	30
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	17.6		ug/L		88	74 - 125	3	30
Cyclohexane	20.0	17.7		ug/L		89	67 - 133	4	30
Dichlorobromomethane	20.0	18.5		ug/L		92	72 - 121	1	30
Dichlorodifluoromethane	20.0	25.8		ug/L		129	31 - 150	5	30
Ethylbenzene	20.0	18.4		ug/L		92	78 - 120	4	30
Ethylene Dibromide	20.0	18.5		ug/L		93	69 - 126	0	30
Isopropylbenzene	20.0	19.3		ug/L		96	79 - 125	5	30
Methyl acetate	40.0	31.9		ug/L		80	70 - 127	4	30
Methyl tert-butyl ether	20.0	16.7		ug/L		84	65 - 131	1	30
Methylcyclohexane	20.0	20.8		ug/L		104	60 - 139	7	30
Methylene Chloride	20.0	20.7		ug/L		104	74 - 127	1	30
m-Xylene & p-Xylene	20.0	19.1		ug/L		95	78 - 123	2	30
o-Xylene	20.0	19.3		ug/L		96	78 - 122	1	30
Styrene	20.0	19.4		ug/L		97	75 - 127	2	30
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 127	9	30
Toluene	20.0	18.8		ug/L		94	78 - 119	2	30
trans-1,2-Dichloroethene	20.0	21.1		ug/L		106	74 - 126	0	30
trans-1,3-Dichloropropene	20.0	16.0		ug/L		80	66 - 127	6	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720644/29
Matrix: Water
Analysis Batch: 720644

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			20.0	21.7		ug/L		108	71 - 121	7	30
Trichlorofluoromethane			20.0	20.2		ug/L		101	61 - 140	3	30
Vinyl chloride			20.0	21.1		ug/L		105	61 - 144	1	30
Xylenes, Total			40.0	38.3		ug/L		96	78 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 123*
4-Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 460-720646/8
Matrix: Solid
Analysis Batch: 720646

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.014	U	0.050	0.014	mg/Kg			08/30/20 13:36	50
1,1,2,2-Tetrachloroethane	0.0095	U	0.050	0.0095	mg/Kg			08/30/20 13:36	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.017	U	0.050	0.017	mg/Kg			08/30/20 13:36	50
1,1,2-Trichloroethane	0.0040	U	0.050	0.0040	mg/Kg			08/30/20 13:36	50
1,1-Dichloroethane	0.012	U	0.050	0.012	mg/Kg			08/30/20 13:36	50
1,1-Dichloroethene	0.013	U	0.050	0.013	mg/Kg			08/30/20 13:36	50
1,2,3-Trichlorobenzene	0.018	U	0.050	0.018	mg/Kg			08/30/20 13:36	50
1,2,4-Trichlorobenzene	0.014	U	0.050	0.014	mg/Kg			08/30/20 13:36	50
1,2-Dibromo-3-Chloropropane	0.012	U	0.050	0.012	mg/Kg			08/30/20 13:36	50
1,2-Dichlorobenzene	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
1,2-Dichloroethane	0.013	U	0.050	0.013	mg/Kg			08/30/20 13:36	50
1,2-Dichloropropane	0.0090	U	0.050	0.0090	mg/Kg			08/30/20 13:36	50
1,3-Dichlorobenzene	0.017	U	0.050	0.017	mg/Kg			08/30/20 13:36	50
1,4-Dichlorobenzene	0.017	U	0.050	0.017	mg/Kg			08/30/20 13:36	50
2-Butanone (MEK)	0.11	U	0.25	0.11	mg/Kg			08/30/20 13:36	50
2-Hexanone	0.057	U	0.25	0.057	mg/Kg			08/30/20 13:36	50
4-Methyl-2-pentanone (MIBK)	0.065	U	0.25	0.065	mg/Kg			08/30/20 13:36	50
Acetone	0.22	U	0.25	0.22	mg/Kg			08/30/20 13:36	50
Benzene	0.010	U	0.050	0.010	mg/Kg			08/30/20 13:36	50
Bromoform	0.0090	U	0.050	0.0090	mg/Kg			08/30/20 13:36	50
Bromomethane	0.028	U	0.050	0.028	mg/Kg			08/30/20 13:36	50
Carbon disulfide	0.034	U	0.050	0.034	mg/Kg			08/30/20 13:36	50
Carbon tetrachloride	0.017	U	0.050	0.017	mg/Kg			08/30/20 13:36	50
Chlorobenzene	0.012	U	0.050	0.012	mg/Kg			08/30/20 13:36	50
Chlorobromomethane	0.015	U	0.050	0.015	mg/Kg			08/30/20 13:36	50
Chlorodibromomethane	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
Chloroethane	0.019	U	0.050	0.019	mg/Kg			08/30/20 13:36	50
Chloroform	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
Chloromethane	0.020	U	0.050	0.020	mg/Kg			08/30/20 13:36	50
cis-1,2-Dichloroethene	0.013	U	0.050	0.013	mg/Kg			08/30/20 13:36	50
cis-1,3-Dichloropropene	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
Cyclohexane	0.013	U	0.050	0.013	mg/Kg			08/30/20 13:36	50

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720646/8
Matrix: Solid
Analysis Batch: 720646

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.0075	U	0.050	0.0075	mg/Kg			08/30/20 13:36	50
Dichlorodifluoromethane	0.016	U	0.050	0.016	mg/Kg			08/30/20 13:36	50
Ethylbenzene	0.015	U	0.050	0.015	mg/Kg			08/30/20 13:36	50
Ethylene Dibromide	0.0095	U	0.050	0.0095	mg/Kg			08/30/20 13:36	50
Isopropylbenzene	0.016	U	0.050	0.016	mg/Kg			08/30/20 13:36	50
Methyl acetate	0.039	U	0.25	0.039	mg/Kg			08/30/20 13:36	50
Methyl tert-butyl ether	0.0065	U	0.050	0.0065	mg/Kg			08/30/20 13:36	50
Methylcyclohexane	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
Methylene Chloride	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
m-Xylene & p-Xylene	0.014	U	0.050	0.014	mg/Kg			08/30/20 13:36	50
o-Xylene	0.016	U	0.050	0.016	mg/Kg			08/30/20 13:36	50
Styrene	0.0085	U	0.050	0.0085	mg/Kg			08/30/20 13:36	50
Tetrachloroethene	0.018	U	0.050	0.018	mg/Kg			08/30/20 13:36	50
Toluene	0.013	U	0.050	0.013	mg/Kg			08/30/20 13:36	50
trans-1,2-Dichloroethene	0.0090	U	0.050	0.0090	mg/Kg			08/30/20 13:36	50
trans-1,3-Dichloropropene	0.0095	U	0.050	0.0095	mg/Kg			08/30/20 13:36	50
Trichloroethene	0.011	U	0.050	0.011	mg/Kg			08/30/20 13:36	50
Trichlorofluoromethane	0.016	U	0.050	0.016	mg/Kg			08/30/20 13:36	50
Vinyl chloride	0.010	U	0.050	0.010	mg/Kg			08/30/20 13:36	50
Xylenes, Total	0.014	U	0.10	0.014	mg/Kg			08/30/20 13:36	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/30/20 13:36*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 150*		*08/30/20 13:36*	*50*
4-Bromofluorobenzene	*99*		*62 - 150*		*08/30/20 13:36*	*50*
Dibromofluoromethane (Surr)	*89*		*54 - 150*		*08/30/20 13:36*	*50*
Toluene-d8 (Surr)	*96*		*68 - 148*		*08/30/20 13:36*	*50*

Lab Sample ID: LCS 460-720646/3
Matrix: Solid
Analysis Batch: 720646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.00	0.904		mg/Kg		90	73 - 121
1,1,2,2-Tetrachloroethane	1.00	0.973		mg/Kg		97	74 - 138
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.870		mg/Kg		87	63 - 137
1,1,2-Trichloroethane	1.00	0.938		mg/Kg		94	79 - 120
1,1-Dichloroethane	1.00	0.933		mg/Kg		93	79 - 124
1,1-Dichloroethene	1.00	0.857		mg/Kg		86	72 - 128
1,2,3-Trichlorobenzene	1.00	0.959		mg/Kg		96	70 - 145
1,2,4-Trichlorobenzene	1.00	1.06		mg/Kg		106	70 - 138
1,2-Dibromo-3-Chloropropane	1.00	0.803		mg/Kg		80	73 - 131
1,2-Dichlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
1,2-Dichloroethane	1.00	0.896		mg/Kg		90	73 - 120
1,2-Dichloropropane	1.00	0.896		mg/Kg		90	78 - 125

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720646/3
Matrix: Solid
Analysis Batch: 720646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	1.00	0.988		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
2-Butanone (MEK)	5.00	4.70		mg/Kg		94	73 - 120
2-Hexanone	5.00	4.68		mg/Kg		94	80 - 121
4-Methyl-2-pentanone (MIBK)	5.00	4.94		mg/Kg		99	80 - 120
Acetone	5.00	4.78		mg/Kg		96	56 - 127
Benzene	1.00	0.956		mg/Kg		96	80 - 120
Bromoform	1.00	0.911		mg/Kg		91	62 - 121
Bromomethane	1.00	1.03		mg/Kg		103	39 - 150
Carbon disulfide	1.00	0.966		mg/Kg		97	67 - 134
Carbon tetrachloride	1.00	0.870		mg/Kg		87	68 - 123
Chlorobenzene	1.00	0.930		mg/Kg		93	80 - 120
Chlorobromomethane	1.00	0.908		mg/Kg		91	80 - 121
Chlorodibromomethane	1.00	0.921		mg/Kg		92	74 - 120
Chloroethane	1.00	1.35		mg/Kg		135	61 - 142
Chloroform	1.00	0.911		mg/Kg		91	80 - 120
Chloromethane	1.00	0.977		mg/Kg		98	61 - 148
cis-1,2-Dichloroethene	1.00	0.928		mg/Kg		93	80 - 120
cis-1,3-Dichloropropene	1.00	0.954		mg/Kg		95	71 - 132
Cyclohexane	1.00	0.915		mg/Kg		91	64 - 132
Dichlorobromomethane	1.00	0.898		mg/Kg		90	77 - 120
Dichlorodifluoromethane	1.00	0.886		mg/Kg		89	45 - 145
Ethylbenzene	1.00	0.976		mg/Kg		98	72 - 121
Ethylene Dibromide	1.00	0.884		mg/Kg		88	80 - 120
Isopropylbenzene	1.00	0.974		mg/Kg		97	67 - 125
Methyl acetate	2.00	2.38		mg/Kg		119	65 - 139
Methyl tert-butyl ether	1.00	0.870		mg/Kg		87	77 - 125
Methylcyclohexane	1.00	0.891		mg/Kg		89	61 - 136
Methylene Chloride	1.00	0.913		mg/Kg		91	74 - 127
m-Xylene & p-Xylene	1.00	0.957		mg/Kg		96	72 - 120
o-Xylene	1.00	0.959		mg/Kg		96	72 - 123
Styrene	1.00	0.949		mg/Kg		95	74 - 124
Tetrachloroethene	1.00	0.955		mg/Kg		95	73 - 120
Toluene	1.00	0.945		mg/Kg		94	80 - 120
trans-1,2-Dichloroethene	1.00	0.901		mg/Kg		90	77 - 127
trans-1,3-Dichloropropene	1.00	0.954		mg/Kg		95	68 - 132
Trichloroethene	1.00	0.877		mg/Kg		88	77 - 120
Trichlorofluoromethane	1.00	0.933		mg/Kg		93	66 - 133
Vinyl chloride	1.00	0.957		mg/Kg		96	70 - 134
Xylenes, Total	2.00	1.92		mg/Kg		96	72 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 150*
4-Bromofluorobenzene	*100*		*62 - 150*
Dibromofluoromethane (Surr)	*90*		*54 - 150*
Toluene-d8 (Surr)	*96*		*68 - 148*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720646/4
Matrix: Solid
Analysis Batch: 720646

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.00	0.950		mg/Kg		95	73 - 121	5	30
1,1,2,2-Tetrachloroethane	1.00	0.950		mg/Kg		95	74 - 138	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.881		mg/Kg		88	63 - 137	1	30
1,1,2-Trichloroethane	1.00	0.916		mg/Kg		92	79 - 120	2	30
1,1-Dichloroethane	1.00	0.972		mg/Kg		97	79 - 124	4	30
1,1-Dichloroethene	1.00	0.894		mg/Kg		89	72 - 128	4	30
1,2,3-Trichlorobenzene	1.00	1.05		mg/Kg		105	70 - 145	9	30
1,2,4-Trichlorobenzene	1.00	1.06		mg/Kg		106	70 - 138	1	30
1,2-Dibromo-3-Chloropropane	1.00	0.802		mg/Kg		80	73 - 131	0	30
1,2-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120	1	30
1,2-Dichloroethane	1.00	0.904		mg/Kg		90	73 - 120	1	30
1,2-Dichloropropane	1.00	0.939		mg/Kg		94	78 - 125	5	30
1,3-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120	5	30
1,4-Dichlorobenzene	1.00	0.994		mg/Kg		99	80 - 120	2	30
2-Butanone (MEK)	5.00	4.58		mg/Kg		92	73 - 120	3	30
2-Hexanone	5.00	4.68		mg/Kg		94	80 - 121	0	30
4-Methyl-2-pentanone (MIBK)	5.00	4.91		mg/Kg		98	80 - 120	1	30
Acetone	5.00	4.53		mg/Kg		91	56 - 127	5	30
Benzene	1.00	0.995		mg/Kg		100	80 - 120	4	30
Bromoform	1.00	0.903		mg/Kg		90	62 - 121	1	30
Bromomethane	1.00	1.04		mg/Kg		104	39 - 150	1	30
Carbon disulfide	1.00	0.993		mg/Kg		99	67 - 134	3	30
Carbon tetrachloride	1.00	0.915		mg/Kg		91	68 - 123	5	30
Chlorobenzene	1.00	0.979		mg/Kg		98	80 - 120	5	30
Chlorobromomethane	1.00	0.898		mg/Kg		90	80 - 121	1	30
Chlorodibromomethane	1.00	0.941		mg/Kg		94	74 - 120	2	30
Chloroethane	1.00	1.45	*	mg/Kg		145	61 - 142	8	30
Chloroform	1.00	0.919		mg/Kg		92	80 - 120	1	30
Chloromethane	1.00	1.04		mg/Kg		104	61 - 148	6	30
cis-1,2-Dichloroethene	1.00	1.01		mg/Kg		101	80 - 120	9	30
cis-1,3-Dichloropropene	1.00	0.953		mg/Kg		95	71 - 132	0	30
Cyclohexane	1.00	0.965		mg/Kg		97	64 - 132	5	30
Dichlorobromomethane	1.00	0.931		mg/Kg		93	77 - 120	4	30
Dichlorodifluoromethane	1.00	0.963		mg/Kg		96	45 - 145	8	30
Ethylbenzene	1.00	1.02		mg/Kg		102	72 - 121	5	30
Ethylene Dibromide	1.00	0.880		mg/Kg		88	80 - 120	0	30
Isopropylbenzene	1.00	1.05		mg/Kg		105	67 - 125	8	30
Methyl acetate	2.00	2.46		mg/Kg		123	65 - 139	3	30
Methyl tert-butyl ether	1.00	0.851		mg/Kg		85	77 - 125	2	30
Methylcyclohexane	1.00	0.944		mg/Kg		94	61 - 136	6	30
Methylene Chloride	1.00	0.940		mg/Kg		94	74 - 127	3	30
m-Xylene & p-Xylene	1.00	0.989		mg/Kg		99	72 - 120	3	30
o-Xylene	1.00	1.03		mg/Kg		103	72 - 123	7	30
Styrene	1.00	0.976		mg/Kg		98	74 - 124	3	30
Tetrachloroethene	1.00	1.02		mg/Kg		102	73 - 120	7	30
Toluene	1.00	1.01		mg/Kg		101	80 - 120	7	30
trans-1,2-Dichloroethene	1.00	0.895		mg/Kg		89	77 - 127	1	30
trans-1,3-Dichloropropene	1.00	0.980		mg/Kg		98	68 - 132	3	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720646/4
Matrix: Solid
Analysis Batch: 720646

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			1.00	0.911		mg/Kg		91	77 - 120	4	30
Trichlorofluoromethane			1.00	0.985		mg/Kg		98	66 - 133	5	30
Vinyl chloride			1.00	1.03		mg/Kg		103	70 - 134	8	30
Xylenes, Total			2.00	2.01		mg/Kg		101	72 - 121	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 150*
4-Bromofluorobenzene	*101*		*62 - 150*
Dibromofluoromethane (Surr)	*89*		*54 - 150*
Toluene-d8 (Surr)	*97*		*68 - 148*

Lab Sample ID: MB 460-720741/7
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:57	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/31/20 06:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/31/20 06:57	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:57	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/31/20 06:57	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:57	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:57	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			08/31/20 06:57	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			08/31/20 06:57	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			08/31/20 06:57	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/31/20 06:57	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			08/31/20 06:57	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			08/31/20 06:57	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:57	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			08/31/20 06:57	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			08/31/20 06:57	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			08/31/20 06:57	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			08/31/20 06:57	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/31/20 06:57	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			08/31/20 06:57	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			08/31/20 06:57	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			08/31/20 06:57	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			08/31/20 06:57	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:57	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			08/31/20 06:57	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			08/31/20 06:57	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			08/31/20 06:57	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			08/31/20 06:57	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			08/31/20 06:57	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			08/31/20 06:57	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/31/20 06:57	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			08/31/20 06:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720741/7
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			08/31/20 06:57	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			08/31/20 06:57	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/31/20 06:57	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:57	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			08/31/20 06:57	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			08/31/20 06:57	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			08/31/20 06:57	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			08/31/20 06:57	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			08/31/20 06:57	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			08/31/20 06:57	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			08/31/20 06:57	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			08/31/20 06:57	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/31/20 06:57	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:57	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			08/31/20 06:57	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/31/20 06:57	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/31/20 06:57	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			08/31/20 06:57	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			08/31/20 06:57	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/31/20 06:57	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/31/20 06:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 145*		*08/31/20 06:57*	*1*
4-Bromofluorobenzene	*108*		*79 - 125*		*08/31/20 06:57*	*1*
Dibromofluoromethane (Surr)	*106*		*48 - 150*		*08/31/20 06:57*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*08/31/20 06:57*	*1*

Lab Sample ID: LCS 460-720741/3
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0191		mg/Kg		96	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0201		mg/Kg		101	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0221		mg/Kg		110	78 - 136
1,1,2-Trichloroethane	0.0200	0.0204		mg/Kg		102	75 - 120
1,1-Dichloroethane	0.0200	0.0223		mg/Kg		111	76 - 129
1,1-Dichloroethene	0.0200	0.0219		mg/Kg		109	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		102	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0208		mg/Kg		104	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0158		mg/Kg		79	60 - 126
1,2-Dichlorobenzene	0.0200	0.0213		mg/Kg		107	80 - 120
1,2-Dichloroethane	0.0200	0.0180		mg/Kg		90	70 - 132
1,2-Dichloropropane	0.0200	0.0221		mg/Kg		110	73 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720741/3
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0200	0.0217		mg/Kg		109	80 - 120
1,4-Dichlorobenzene	0.0200	0.0217		mg/Kg		109	80 - 120
2-Butanone (MEK)	0.100	0.0963		mg/Kg		96	75 - 120
2-Hexanone	0.100	0.0994		mg/Kg		99	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 122
Acetone	0.100	0.0967		mg/Kg		97	63 - 131
Benzene	0.0200	0.0230		mg/Kg		115	80 - 123
Bromoform	0.0200	0.0145		mg/Kg		72	48 - 142
Bromomethane	0.0200	0.0570	*	mg/Kg		285	68 - 136
Carbon disulfide	0.0200	0.0219		mg/Kg		110	67 - 136
Carbon tetrachloride	0.0200	0.0192		mg/Kg		96	72 - 136
Chlorobenzene	0.0200	0.0216		mg/Kg		108	80 - 120
Chlorobromomethane	0.0200	0.0196		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	62 - 128
Chloroethane	0.0200	0.0243		mg/Kg		121	65 - 134
Chloroform	0.0200	0.0202		mg/Kg		101	79 - 126
Chloromethane	0.0200	0.0223		mg/Kg		111	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0213		mg/Kg		106	72 - 120
Cyclohexane	0.0200	0.0220		mg/Kg		110	80 - 132
Dichlorobromomethane	0.0200	0.0187		mg/Kg		94	73 - 124
Dichlorodifluoromethane	0.0200	0.0193		mg/Kg		96	40 - 146
Ethylbenzene	0.0200	0.0213		mg/Kg		107	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0228		mg/Kg		114	80 - 120
Methyl acetate	0.0400	0.0332		mg/Kg		83	58 - 143
Methyl tert-butyl ether	0.0200	0.0171		mg/Kg		86	80 - 125
Methylcyclohexane	0.0200	0.0216		mg/Kg		108	79 - 133
Methylene Chloride	0.0200	0.0211		mg/Kg		106	76 - 127
m-Xylene & p-Xylene	0.0200	0.0219		mg/Kg		109	80 - 120
o-Xylene	0.0200	0.0215		mg/Kg		108	80 - 120
Styrene	0.0200	0.0207		mg/Kg		104	80 - 120
Tetrachloroethene	0.0200	0.0201		mg/Kg		100	78 - 123
Toluene	0.0200	0.0218		mg/Kg		109	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0217		mg/Kg		108	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	68 - 120
Trichloroethene	0.0200	0.0210		mg/Kg		105	79 - 120
Trichlorofluoromethane	0.0200	0.0232		mg/Kg		116	67 - 142
Vinyl chloride	0.0200	0.0215		mg/Kg		107	56 - 147
Xylenes, Total	0.0400	0.0434		mg/Kg		109	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*
4-Bromofluorobenzene	*108*		*79 - 125*
Dibromofluoromethane (Surr)	*103*		*48 - 150*
Toluene-d8 (Surr)	*113*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720741/4
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0182		mg/Kg		91	78 - 132	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	69 - 123	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209		mg/Kg		104	78 - 136	6	30
1,1,2-Trichloroethane	0.0200	0.0194		mg/Kg		97	75 - 120	5	30
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	76 - 129	5	30
1,1-Dichloroethene	0.0200	0.0209		mg/Kg		105	77 - 132	4	30
1,2,3-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	77 - 120	5	30
1,2,4-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0154		mg/Kg		77	60 - 126	2	30
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0172		mg/Kg		86	70 - 132	5	30
1,2-Dichloropropane	0.0200	0.0214		mg/Kg		107	73 - 124	3	30
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120	3	30
2-Butanone (MEK)	0.100	0.0966		mg/Kg		97	75 - 120	0	30
2-Hexanone	0.100	0.0993		mg/Kg		99	78 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 122	0	30
Acetone	0.100	0.0944		mg/Kg		94	63 - 131	2	30
Benzene	0.0200	0.0217		mg/Kg		109	80 - 123	6	30
Bromoform	0.0200	0.0138		mg/Kg		69	48 - 142	5	30
Bromomethane	0.0200	0.0524	*	mg/Kg		262	68 - 136	8	30
Carbon disulfide	0.0200	0.0212		mg/Kg		106	67 - 136	4	30
Carbon tetrachloride	0.0200	0.0182		mg/Kg		91	72 - 136	6	30
Chlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120	4	30
Chlorobromomethane	0.0200	0.0186		mg/Kg		93	76 - 127	5	30
Chlorodibromomethane	0.0200	0.0170		mg/Kg		85	62 - 128	3	30
Chloroethane	0.0200	0.0223		mg/Kg		112	65 - 134	8	30
Chloroform	0.0200	0.0194		mg/Kg		97	79 - 126	4	30
Chloromethane	0.0200	0.0208		mg/Kg		104	48 - 150	7	30
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		101	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		99	72 - 120	7	30
Cyclohexane	0.0200	0.0206		mg/Kg		103	80 - 132	7	30
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	73 - 124	6	30
Dichlorodifluoromethane	0.0200	0.0181		mg/Kg		91	40 - 146	6	30
Ethylbenzene	0.0200	0.0203		mg/Kg		101	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0182		mg/Kg		91	79 - 120	5	30
Isopropylbenzene	0.0200	0.0215		mg/Kg		107	80 - 120	6	30
Methyl acetate	0.0400	0.0314		mg/Kg		78	58 - 143	6	30
Methyl tert-butyl ether	0.0200	0.0164		mg/Kg		82	80 - 125	4	30
Methylcyclohexane	0.0200	0.0207		mg/Kg		104	79 - 133	4	30
Methylene Chloride	0.0200	0.0199		mg/Kg		99	76 - 127	6	30
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120	6	30
o-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120	6	30
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	78 - 123	5	30
Toluene	0.0200	0.0206		mg/Kg		103	80 - 120	6	30
trans-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	78 - 128	3	30
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	68 - 120	6	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720741/4
Matrix: Solid
Analysis Batch: 720741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			0.0200	0.0202		mg/Kg		101	79 - 120	4	30
Trichlorofluoromethane			0.0200	0.0216		mg/Kg		108	67 - 142	7	30
Vinyl chloride			0.0200	0.0202		mg/Kg		101	56 - 147	6	30
Xylenes, Total			0.0400	0.0408		mg/Kg		102	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 145*
4-Bromofluorobenzene	*107*		*79 - 125*
Dibromofluoromethane (Surr)	*101*		*48 - 150*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: MB 460-720746/7
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:54	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/31/20 06:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/31/20 06:54	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:54	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			08/31/20 06:54	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:54	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:54	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			08/31/20 06:54	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			08/31/20 06:54	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			08/31/20 06:54	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/31/20 06:54	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			08/31/20 06:54	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			08/31/20 06:54	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:54	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			08/31/20 06:54	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			08/31/20 06:54	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			08/31/20 06:54	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			08/31/20 06:54	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/31/20 06:54	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			08/31/20 06:54	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			08/31/20 06:54	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			08/31/20 06:54	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			08/31/20 06:54	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:54	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			08/31/20 06:54	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			08/31/20 06:54	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			08/31/20 06:54	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			08/31/20 06:54	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			08/31/20 06:54	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			08/31/20 06:54	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/31/20 06:54	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			08/31/20 06:54	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-720746/7
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			08/31/20 06:54	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			08/31/20 06:54	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/31/20 06:54	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/31/20 06:54	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			08/31/20 06:54	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			08/31/20 06:54	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			08/31/20 06:54	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			08/31/20 06:54	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			08/31/20 06:54	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			08/31/20 06:54	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			08/31/20 06:54	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			08/31/20 06:54	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/31/20 06:54	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/31/20 06:54	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			08/31/20 06:54	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			08/31/20 06:54	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			08/31/20 06:54	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			08/31/20 06:54	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			08/31/20 06:54	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/31/20 06:54	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/31/20 06:54*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*		*08/31/20 06:54*	*1*
4-Bromofluorobenzene	*105*		*79 - 125*		*08/31/20 06:54*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*		*08/31/20 06:54*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/31/20 06:54*	*1*

Lab Sample ID: LCS 460-720746/3
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0230		mg/Kg		115	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0193		mg/Kg		97	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0270		mg/Kg		135	78 - 136
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	75 - 120
1,1-Dichloroethane	0.0200	0.0223		mg/Kg		112	76 - 129
1,1-Dichloroethene	0.0200	0.0243		mg/Kg		121	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0210		mg/Kg		105	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0219		mg/Kg		109	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0191		mg/Kg		95	60 - 126
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0198		mg/Kg		99	70 - 132
1,2-Dichloropropane	0.0200	0.0197		mg/Kg		99	73 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-720746/3
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
2-Butanone (MEK)	0.100	0.0931		mg/Kg		93	75 - 120
2-Hexanone	0.100	0.105		mg/Kg		105	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 122
Acetone	0.100	0.108		mg/Kg		108	63 - 131
Benzene	0.0200	0.0202		mg/Kg		101	80 - 123
Bromoform	0.0200	0.0182		mg/Kg		91	48 - 142
Bromomethane	0.0200	0.0192		mg/Kg		96	68 - 136
Carbon disulfide	0.0200	0.0236		mg/Kg		118	67 - 136
Carbon tetrachloride	0.0200	0.0228		mg/Kg		114	72 - 136
Chlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0206		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0184		mg/Kg		92	62 - 128
Chloroethane	0.0200	0.0203		mg/Kg		101	65 - 134
Chloroform	0.0200	0.0211		mg/Kg		105	79 - 126
Chloromethane	0.0200	0.0210		mg/Kg		105	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		96	72 - 120
Cyclohexane	0.0200	0.0247		mg/Kg		123	80 - 132
Dichlorobromomethane	0.0200	0.0192		mg/Kg		96	73 - 124
Dichlorodifluoromethane	0.0200	0.0233		mg/Kg		117	40 - 146
Ethylbenzene	0.0200	0.0199		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Methyl acetate	0.0400	0.0366		mg/Kg		92	58 - 143
Methyl tert-butyl ether	0.0200	0.0219		mg/Kg		110	80 - 125
Methylcyclohexane	0.0200	0.0244		mg/Kg		122	79 - 133
Methylene Chloride	0.0200	0.0195		mg/Kg		97	76 - 127
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0208		mg/Kg		104	78 - 123
Toluene	0.0200	0.0196		mg/Kg		98	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0224		mg/Kg		112	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		97	68 - 120
Trichloroethene	0.0200	0.0204		mg/Kg		102	79 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	67 - 142
Vinyl chloride	0.0200	0.0215		mg/Kg		107	56 - 147
Xylenes, Total	0.0400	0.0389		mg/Kg		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 145*
4-Bromofluorobenzene	*104*		*79 - 125*
Dibromofluoromethane (Surr)	*108*		*48 - 150*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720746/4
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0219		mg/Kg		109	78 - 132	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0175		mg/Kg		87	69 - 123	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0253		mg/Kg		127	78 - 136	6	30
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	75 - 120	7	30
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	76 - 129	5	30
1,1-Dichloroethene	0.0200	0.0225		mg/Kg		112	77 - 132	8	30
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 120	6	30
1,2,4-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	75 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0173		mg/Kg		86	60 - 126	10	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 132	4	30
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		96	73 - 124	3	30
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	5	30
2-Butanone (MEK)	0.100	0.0900		mg/Kg		90	75 - 120	3	30
2-Hexanone	0.100	0.0973		mg/Kg		97	78 - 120	7	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0981		mg/Kg		98	80 - 122	2	30
Acetone	0.100	0.0918		mg/Kg		92	63 - 131	16	30
Benzene	0.0200	0.0201		mg/Kg		100	80 - 123	1	30
Bromoform	0.0200	0.0170		mg/Kg		85	48 - 142	7	30
Bromomethane	0.0200	0.0198		mg/Kg		99	68 - 136	3	30
Carbon disulfide	0.0200	0.0216		mg/Kg		108	67 - 136	9	30
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	72 - 136	4	30
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120	3	30
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0174		mg/Kg		87	62 - 128	5	30
Chloroethane	0.0200	0.0207		mg/Kg		103	65 - 134	2	30
Chloroform	0.0200	0.0206		mg/Kg		103	79 - 126	2	30
Chloromethane	0.0200	0.0213		mg/Kg		107	48 - 150	1	30
cis-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	80 - 123	5	30
cis-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	72 - 120	2	30
Cyclohexane	0.0200	0.0238		mg/Kg		119	80 - 132	4	30
Dichlorobromomethane	0.0200	0.0182		mg/Kg		91	73 - 124	5	30
Dichlorodifluoromethane	0.0200	0.0234		mg/Kg		117	40 - 146	0	30
Ethylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120	3	30
Ethylene Dibromide	0.0200	0.0186		mg/Kg		93	79 - 120	7	30
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120	2	30
Methyl acetate	0.0400	0.0361		mg/Kg		90	58 - 143	1	30
Methyl tert-butyl ether	0.0200	0.0206		mg/Kg		103	80 - 125	6	30
Methylcyclohexane	0.0200	0.0237		mg/Kg		118	79 - 133	3	30
Methylene Chloride	0.0200	0.0187		mg/Kg		93	76 - 127	4	30
m-Xylene & p-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120	3	30
o-Xylene	0.0200	0.0189		mg/Kg		94	80 - 120	3	30
Styrene	0.0200	0.0193		mg/Kg		96	80 - 120	3	30
Tetrachloroethene	0.0200	0.0201		mg/Kg		101	78 - 123	3	30
Toluene	0.0200	0.0193		mg/Kg		96	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0213		mg/Kg		107	78 - 128	5	30
trans-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	68 - 120	5	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-720746/4
Matrix: Solid
Analysis Batch: 720746

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			0.0200	0.0198		mg/Kg		99	79 - 120	3	30
Trichlorofluoromethane			0.0200	0.0228		mg/Kg		114	67 - 142	3	30
Vinyl chloride			0.0200	0.0219		mg/Kg		110	56 - 147	2	30
Xylenes, Total			0.0400	0.0378		mg/Kg		95	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 145*
4-Bromofluorobenzene	*104*		*79 - 125*
Dibromofluoromethane (Surr)	*107*		*48 - 150*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-721040/9
Matrix: Solid
Analysis Batch: 721040

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			09/01/20 11:20	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			09/01/20 11:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			09/01/20 11:20	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			09/01/20 11:20	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			09/01/20 11:20	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			09/01/20 11:20	1
1,2,3-Trichlorobenzene	0.000242	J	0.0010	0.00018	mg/Kg			09/01/20 11:20	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			09/01/20 11:20	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			09/01/20 11:20	1
1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014	mg/Kg			09/01/20 11:20	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			09/01/20 11:20	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			09/01/20 11:20	1
1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016	mg/Kg			09/01/20 11:20	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			09/01/20 11:20	1
2-Butanone (MEK)	0.0027	U	0.0050	0.0027	mg/Kg			09/01/20 11:20	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			09/01/20 11:20	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			09/01/20 11:20	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			09/01/20 11:20	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			09/01/20 11:20	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			09/01/20 11:20	1
Bromomethane	0.00047	U	0.0010	0.00047	mg/Kg			09/01/20 11:20	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			09/01/20 11:20	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			09/01/20 11:20	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			09/01/20 11:20	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			09/01/20 11:20	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			09/01/20 11:20	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			09/01/20 11:20	1
Chloroform	0.00032	U	0.0010	0.00032	mg/Kg			09/01/20 11:20	1
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			09/01/20 11:20	1
cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015	mg/Kg			09/01/20 11:20	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			09/01/20 11:20	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			09/01/20 11:20	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-721040/9
Matrix: Solid
Analysis Batch: 721040

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			09/01/20 11:20	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			09/01/20 11:20	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			09/01/20 11:20	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			09/01/20 11:20	1
Isopropylbenzene	0.00013	U	0.0010	0.00013	mg/Kg			09/01/20 11:20	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			09/01/20 11:20	1
Methyl tert-butyl ether	0.00013	U	0.0010	0.00013	mg/Kg			09/01/20 11:20	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			09/01/20 11:20	1
Methylene Chloride	0.00046	U	0.0010	0.00046	mg/Kg			09/01/20 11:20	1
m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017	mg/Kg			09/01/20 11:20	1
o-Xylene	0.00019	U	0.0010	0.00019	mg/Kg			09/01/20 11:20	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			09/01/20 11:20	1
Tetrachloroethene	0.00014	U	0.0010	0.00014	mg/Kg			09/01/20 11:20	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			09/01/20 11:20	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			09/01/20 11:20	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			09/01/20 11:20	1
Trichloroethene	0.00014	U	0.0010	0.00014	mg/Kg			09/01/20 11:20	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			09/01/20 11:20	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			09/01/20 11:20	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			09/01/20 11:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/01/20 11:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 145*		*09/01/20 11:20*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*		*09/01/20 11:20*	*1*
Dibromofluoromethane (Surr)	*107*		*48 - 150*		*09/01/20 11:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/01/20 11:20*	*1*

Lab Sample ID: LCS 460-721040/6
Matrix: Solid
Analysis Batch: 721040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0218		mg/Kg		109	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0178		mg/Kg		89	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0247		mg/Kg		124	78 - 136
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		92	75 - 120
1,1-Dichloroethane	0.0200	0.0208		mg/Kg		104	76 - 129
1,1-Dichloroethene	0.0200	0.0226		mg/Kg		113	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0202		mg/Kg		101	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0177		mg/Kg		89	60 - 126
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0183		mg/Kg		91	70 - 132
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		95	73 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-721040/6
Matrix: Solid
Analysis Batch: 721040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
2-Butanone (MEK)	0.100	0.0897		mg/Kg		90	75 - 120
2-Hexanone	0.100	0.0970		mg/Kg		97	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0990		mg/Kg		99	80 - 122
Acetone	0.100	0.0987		mg/Kg		99	63 - 131
Benzene	0.0200	0.0198		mg/Kg		99	80 - 123
Bromoform	0.0200	0.0171		mg/Kg		86	48 - 142
Bromomethane	0.0200	0.0220		mg/Kg		110	68 - 136
Carbon disulfide	0.0200	0.0208		mg/Kg		104	67 - 136
Carbon tetrachloride	0.0200	0.0219		mg/Kg		110	72 - 136
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0173		mg/Kg		86	62 - 128
Chloroethane	0.0200	0.0234		mg/Kg		117	65 - 134
Chloroform	0.0200	0.0204		mg/Kg		102	79 - 126
Chloromethane	0.0200	0.0236		mg/Kg		118	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		104	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	72 - 120
Cyclohexane	0.0200	0.0242		mg/Kg		121	80 - 132
Dichlorobromomethane	0.0200	0.0180		mg/Kg		90	73 - 124
Dichlorodifluoromethane	0.0200	0.0268		mg/Kg		134	40 - 146
Ethylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		91	79 - 120
Isopropylbenzene	0.0200	0.0222		mg/Kg		111	80 - 120
Methyl acetate	0.0400	0.0339		mg/Kg		85	58 - 143
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	80 - 125
Methylcyclohexane	0.0200	0.0244		mg/Kg		122	79 - 133
Methylene Chloride	0.0200	0.0176		mg/Kg		88	76 - 127
m-Xylene & p-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120
o-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120
Styrene	0.0200	0.0201		mg/Kg		101	80 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	78 - 123
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0220		mg/Kg		110	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	68 - 120
Trichloroethene	0.0200	0.0204		mg/Kg		102	79 - 120
Trichlorofluoromethane	0.0200	0.0253		mg/Kg		127	67 - 142
Vinyl chloride	0.0200	0.0246		mg/Kg		123	56 - 147
Xylenes, Total	0.0400	0.0406		mg/Kg		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 145*
4-Bromofluorobenzene	*105*		*79 - 125*
Dibromofluoromethane (Surr)	*106*		*48 - 150*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-721040/7
Matrix: Solid
Analysis Batch: 721040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0221		mg/Kg		110	78 - 132	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0192		mg/Kg		96	69 - 123	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0244		mg/Kg		122	78 - 136	1	30
1,1,2-Trichloroethane	0.0200	0.0185		mg/Kg		93	75 - 120	0	30
1,1-Dichloroethane	0.0200	0.0206		mg/Kg		103	76 - 129	1	30
1,1-Dichloroethene	0.0200	0.0224		mg/Kg		112	77 - 132	1	30
1,2,3-Trichlorobenzene	0.0200	0.0212		mg/Kg		106	77 - 120	5	30
1,2,4-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0210		mg/Kg		105	60 - 126	17	30
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0181		mg/Kg		90	70 - 132	1	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	2	30
1,3-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120	0	30
1,4-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	2	30
2-Butanone (MEK)	0.100	0.0908		mg/Kg		91	75 - 120	1	30
2-Hexanone	0.100	0.111		mg/Kg		111	78 - 120	13	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 122	5	30
Acetone	0.100	0.0941		mg/Kg		94	63 - 131	5	30
Benzene	0.0200	0.0192		mg/Kg		96	80 - 123	3	30
Bromoform	0.0200	0.0185		mg/Kg		92	48 - 142	8	30
Bromomethane	0.0200	0.0212		mg/Kg		106	68 - 136	4	30
Carbon disulfide	0.0200	0.0209		mg/Kg		105	67 - 136	1	30
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	72 - 136	1	30
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
Chlorobromomethane	0.0200	0.0196		mg/Kg		98	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	62 - 128	2	30
Chloroethane	0.0200	0.0220		mg/Kg		110	65 - 134	7	30
Chloroform	0.0200	0.0203		mg/Kg		101	79 - 126	0	30
Chloromethane	0.0200	0.0227		mg/Kg		113	48 - 150	4	30
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		101	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	72 - 120	2	30
Cyclohexane	0.0200	0.0237		mg/Kg		118	80 - 132	2	30
Dichlorobromomethane	0.0200	0.0180		mg/Kg		90	73 - 124	0	30
Dichlorodifluoromethane	0.0200	0.0252		mg/Kg		126	40 - 146	6	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0190		mg/Kg		95	79 - 120	5	30
Isopropylbenzene	0.0200	0.0207		mg/Kg		104	80 - 120	7	30
Methyl acetate	0.0400	0.0352		mg/Kg		88	58 - 143	4	30
Methyl tert-butyl ether	0.0200	0.0204		mg/Kg		102	80 - 125	5	30
Methylcyclohexane	0.0200	0.0236		mg/Kg		118	79 - 133	3	30
Methylene Chloride	0.0200	0.0177		mg/Kg		88	76 - 127	0	30
m-Xylene & p-Xylene	0.0200	0.0197		mg/Kg		98	80 - 120	3	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	4	30
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120	0	30
Tetrachloroethene	0.0200	0.0208		mg/Kg		104	78 - 123	3	30
Toluene	0.0200	0.0195		mg/Kg		97	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 128	1	30
trans-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	68 - 120	5	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-721040/7
Matrix: Solid
Analysis Batch: 721040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			0.0200	0.0200		mg/Kg		100	79 - 120	2	30
Trichlorofluoromethane			0.0200	0.0245		mg/Kg		122	67 - 142	4	30
Vinyl chloride			0.0200	0.0237		mg/Kg		118	56 - 147	4	30
Xylenes, Total			0.0400	0.0391		mg/Kg		98	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 145*
4-Bromofluorobenzene	*104*		*79 - 125*
Dibromofluoromethane (Surr)	*104*		*48 - 150*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-721264/7
Matrix: Water
Analysis Batch: 721264

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 08:27	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 08:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 08:27	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 08:27	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 08:27	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 08:27	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 08:27	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 08:27	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 08:27	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 08:27	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 08:27	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 08:27	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 08:27	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 08:27	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 08:27	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 08:27	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 08:27	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 08:27	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 08:27	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 08:27	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 08:27	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 08:27	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 08:27	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 08:27	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 08:27	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 08:27	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 08:27	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 08:27	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/02/20 08:27	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 08:27	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 08:27	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 08:27	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-721264/7
Matrix: Water
Analysis Batch: 721264

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 08:27	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 08:27	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 08:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 08:27	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 08:27	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 08:27	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 08:27	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 08:27	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 08:27	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 08:27	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 08:27	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 08:27	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/02/20 08:27	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 08:27	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 08:27	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 08:27	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 08:27	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 08:27	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 08:27	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 08:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 123*		*09/02/20 08:27*	*1*
4-Bromofluorobenzene	*89*		*76 - 120*		*09/02/20 08:27*	*1*
Dibromofluoromethane (Surr)	*95*		*77 - 124*		*09/02/20 08:27*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/02/20 08:27*	*1*

Lab Sample ID: LCS 460-721264/3
Matrix: Water
Analysis Batch: 721264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.1		ug/L		95	68 - 128
1,1,2,2-Tetrachloroethane	20.0	22.8		ug/L		114	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		96	59 - 142
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	74 - 125
1,1-Dichloroethane	20.0	20.6		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	18.9		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	19.1		ug/L		96	53 - 144
1,2,4-Trichlorobenzene	20.0	20.0		ug/L		100	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		102	41 - 143
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	79 - 122
1,2-Dichloroethane	20.0	19.5		ug/L		97	75 - 121
1,2-Dichloropropane	20.0	19.7		ug/L		98	76 - 126
1,3-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 121
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 118
2-Butanone (MEK)	100	96.6		ug/L		97	69 - 128
2-Hexanone	100	89.8		ug/L		90	74 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-721264/3
Matrix: Water
Analysis Batch: 721264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	100	98.4		ug/L		98	78 - 125
Acetone	100	89.8		ug/L		90	61 - 134
Benzene	20.0	22.4		ug/L		112	78 - 126
Bromoform	20.0	18.5		ug/L		92	38 - 144
Bromomethane	20.0	22.2		ug/L		111	10 - 150
Carbon disulfide	20.0	20.4		ug/L		102	64 - 138
Carbon tetrachloride	20.0	17.5		ug/L		87	56 - 131
Chlorobenzene	20.0	20.1		ug/L		100	80 - 119
Chlorobromomethane	20.0	19.0		ug/L		95	73 - 126
Chlorodibromomethane	20.0	19.1		ug/L		96	58 - 130
Chloroethane	20.0	21.8		ug/L		109	29 - 150
Chloroform	20.0	21.3		ug/L		107	78 - 125
Chloromethane	20.0	20.1		ug/L		101	38 - 150
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	74 - 125
Cyclohexane	20.0	18.9		ug/L		94	67 - 133
Dichlorobromomethane	20.0	18.5		ug/L		92	72 - 121
Dichlorodifluoromethane	20.0	17.7		ug/L		89	31 - 150
Ethylbenzene	20.0	19.7		ug/L		98	78 - 120
Ethylene Dibromide	20.0	20.0		ug/L		100	69 - 126
Isopropylbenzene	20.0	21.0		ug/L		105	79 - 125
Methyl acetate	40.0	46.6		ug/L		117	70 - 127
Methyl tert-butyl ether	20.0	20.4		ug/L		102	65 - 131
Methylcyclohexane	20.0	18.0		ug/L		90	60 - 139
Methylene Chloride	20.0	19.3		ug/L		97	74 - 127
m-Xylene & p-Xylene	20.0	20.1		ug/L		101	78 - 123
o-Xylene	20.0	20.6		ug/L		103	78 - 122
Styrene	20.0	19.8		ug/L		99	75 - 127
Tetrachloroethene	20.0	18.5		ug/L		92	70 - 127
Toluene	20.0	20.9		ug/L		105	78 - 119
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	74 - 126
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	66 - 127
Trichloroethene	20.0	18.5		ug/L		92	71 - 121
Trichlorofluoromethane	20.0	19.8		ug/L		99	61 - 140
Vinyl chloride	20.0	19.6		ug/L		98	61 - 144
Xylenes, Total	40.0	40.7		ug/L		102	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 123*
4-Bromofluorobenzene	*92*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 124*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-721264/4
Matrix: Water
Analysis Batch: 721264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.0		ug/L		95	68 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	21.9		ug/L		110	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.1		ug/L		96	59 - 142	1	30
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	74 - 125	0	30
1,1-Dichloroethane	20.0	20.3		ug/L		102	73 - 130	1	30
1,1-Dichloroethene	20.0	18.8		ug/L		94	68 - 133	0	30
1,2,3-Trichlorobenzene	20.0	19.3		ug/L		96	53 - 144	1	30
1,2,4-Trichlorobenzene	20.0	20.0		ug/L		100	64 - 132	0	30
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/L		94	41 - 143	7	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	79 - 122	3	30
1,2-Dichloroethane	20.0	18.9		ug/L		94	75 - 121	3	30
1,2-Dichloropropane	20.0	19.2		ug/L		96	76 - 126	3	30
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 121	3	30
1,4-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 118	1	30
2-Butanone (MEK)	100	96.3		ug/L		96	69 - 128	0	30
2-Hexanone	100	88.1		ug/L		88	74 - 127	2	30
4-Methyl-2-pentanone (MIBK)	100	96.2		ug/L		96	78 - 125	2	30
Acetone	100	103		ug/L		103	61 - 134	14	30
Benzene	20.0	22.5		ug/L		112	78 - 126	0	30
Bromoform	20.0	17.9		ug/L		89	38 - 144	3	30
Bromomethane	20.0	23.3		ug/L		116	10 - 150	5	30
Carbon disulfide	20.0	20.1		ug/L		100	64 - 138	1	30
Carbon tetrachloride	20.0	17.3		ug/L		87	56 - 131	1	30
Chlorobenzene	20.0	19.5		ug/L		98	80 - 119	3	30
Chlorobromomethane	20.0	18.5		ug/L		92	73 - 126	3	30
Chlorodibromomethane	20.0	18.5		ug/L		92	58 - 130	3	30
Chloroethane	20.0	21.4		ug/L		107	29 - 150	2	30
Chloroform	20.0	20.9		ug/L		105	78 - 125	2	30
Chloromethane	20.0	20.3		ug/L		101	38 - 150	1	30
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	74 - 125	2	30
Cyclohexane	20.0	18.4		ug/L		92	67 - 133	3	30
Dichlorobromomethane	20.0	18.2		ug/L		91	72 - 121	1	30
Dichlorodifluoromethane	20.0	18.1		ug/L		90	31 - 150	2	30
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120	1	30
Ethylene Dibromide	20.0	19.7		ug/L		98	69 - 126	2	30
Isopropylbenzene	20.0	20.8		ug/L		104	79 - 125	1	30
Methyl acetate	40.0	45.1		ug/L		113	70 - 127	3	30
Methyl tert-butyl ether	20.0	20.3		ug/L		101	65 - 131	1	30
Methylcyclohexane	20.0	17.5		ug/L		88	60 - 139	3	30
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127	1	30
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 123	1	30
o-Xylene	20.0	20.5		ug/L		103	78 - 122	0	30
Styrene	20.0	19.4		ug/L		97	75 - 127	2	30
Tetrachloroethene	20.0	18.5		ug/L		93	70 - 127	0	30
Toluene	20.0	20.7		ug/L		104	78 - 119	1	30
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	74 - 126	1	30
trans-1,3-Dichloropropene	20.0	18.3		ug/L		91	66 - 127	3	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-721264/4
Matrix: Water
Analysis Batch: 721264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			20.0	18.7		ug/L		93	71 - 121	1	30
Trichlorofluoromethane			20.0	20.3		ug/L		102	61 - 140	3	30
Vinyl chloride			20.0	20.1		ug/L		101	61 - 144	3	30
Xylenes, Total			40.0	40.4		ug/L		101	78 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 123*
4-Bromofluorobenzene	*90*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 124*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-721282/9
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 10:47	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 10:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 10:47	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 10:47	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 10:47	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 10:47	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 10:47	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 10:47	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 10:47	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 10:47	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 10:47	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 10:47	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 10:47	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 10:47	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 10:47	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 10:47	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 10:47	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 10:47	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 10:47	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 10:47	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 10:47	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 10:47	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 10:47	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 10:47	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 10:47	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 10:47	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 10:47	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 10:47	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/02/20 10:47	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 10:47	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 10:47	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 10:47	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-721282/9
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 10:47	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 10:47	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 10:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 10:47	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 10:47	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 10:47	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 10:47	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 10:47	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 10:47	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 10:47	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 10:47	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 10:47	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/02/20 10:47	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 10:47	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 10:47	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 10:47	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 10:47	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 10:47	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 10:47	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*75 - 123*		*09/02/20 10:47*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*09/02/20 10:47*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 124*		*09/02/20 10:47*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*09/02/20 10:47*	*1*

Lab Sample ID: LCS 460-721282/5
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	68 - 128
1,1,2,2-Tetrachloroethane	20.0	16.6		ug/L		83	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2		ug/L		96	59 - 142
1,1,2-Trichloroethane	20.0	18.2		ug/L		91	74 - 125
1,1-Dichloroethane	20.0	21.5		ug/L		107	73 - 130
1,1-Dichloroethene	20.0	18.9		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	18.5		ug/L		92	53 - 144
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	16.2		ug/L		81	41 - 143
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	79 - 122
1,2-Dichloroethane	20.0	17.5		ug/L		87	75 - 121
1,2-Dichloropropane	20.0	22.5		ug/L		112	76 - 126
1,3-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 121
1,4-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 118
2-Butanone (MEK)	100	116		ug/L		116	69 - 128
2-Hexanone	100	113		ug/L		113	74 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-721282/5
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	100	123		ug/L		123	78 - 125
Acetone	100	79.6		ug/L		80	61 - 134
Benzene	20.0	21.1		ug/L		105	78 - 126
Bromoform	20.0	17.7		ug/L		89	38 - 144
Bromomethane	20.0	20.3		ug/L		101	10 - 150
Carbon disulfide	20.0	17.9		ug/L		89	64 - 138
Carbon tetrachloride	20.0	21.8		ug/L		109	56 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 119
Chlorobromomethane	20.0	21.8		ug/L		109	73 - 126
Chlorodibromomethane	20.0	18.9		ug/L		95	58 - 130
Chloroethane	20.0	15.2		ug/L		76	29 - 150
Chloroform	20.0	20.8		ug/L		104	78 - 125
Chloromethane	20.0	21.4		ug/L		107	38 - 150
cis-1,2-Dichloroethene	20.0	22.6		ug/L		113	78 - 121
cis-1,3-Dichloropropene	20.0	20.1		ug/L		100	74 - 125
Cyclohexane	20.0	25.7		ug/L		129	67 - 133
Dichlorobromomethane	20.0	20.1		ug/L		100	72 - 121
Dichlorodifluoromethane	20.0	21.2		ug/L		106	31 - 150
Ethylbenzene	20.0	21.5		ug/L		108	78 - 120
Ethylene Dibromide	20.0	18.7		ug/L		94	69 - 126
Isopropylbenzene	20.0	22.6		ug/L		113	79 - 125
Methyl acetate	40.0	42.5		ug/L		106	70 - 127
Methyl tert-butyl ether	20.0	15.1		ug/L		75	65 - 131
Methylcyclohexane	20.0	27.1		ug/L		135	60 - 139
Methylene Chloride	20.0	17.6		ug/L		88	74 - 127
m-Xylene & p-Xylene	20.0	22.4		ug/L		112	78 - 123
o-Xylene	20.0	22.9		ug/L		114	78 - 122
Styrene	20.0	22.8		ug/L		114	75 - 127
Tetrachloroethene	20.0	23.4		ug/L		117	70 - 127
Toluene	20.0	21.4		ug/L		107	78 - 119
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	74 - 126
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	66 - 127
Trichloroethene	20.0	24.1		ug/L		120	71 - 121
Trichlorofluoromethane	20.0	16.9		ug/L		85	61 - 140
Vinyl chloride	20.0	21.2		ug/L		106	61 - 144
Xylenes, Total	40.0	45.3		ug/L		113	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 123*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 124*
Toluene-d8 (Surr)	*105*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-217152-B-18 MS
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	4.5		20.0	26.3		ug/L		109	68 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.6		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	20.1		ug/L		100	59 - 142
1,1,2-Trichloroethane	0.43	U	20.0	19.1		ug/L		96	74 - 125
1,1-Dichloroethane	2.5		20.0	24.6		ug/L		110	73 - 130
1,1-Dichloroethene	1.6		20.0	21.1		ug/L		98	68 - 133
1,2,3-Trichlorobenzene	0.36	U	20.0	17.8		ug/L		89	53 - 144
1,2,4-Trichlorobenzene	0.37	U	20.0	20.6		ug/L		103	64 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.1		ug/L		81	41 - 143
1,2-Dichlorobenzene	0.43	U	20.0	20.3		ug/L		101	79 - 122
1,2-Dichloroethane	0.43	U	20.0	18.2		ug/L		91	75 - 121
1,2-Dichloropropane	0.35	U	20.0	23.9		ug/L		119	76 - 126
1,3-Dichlorobenzene	0.34	U	20.0	22.3		ug/L		112	80 - 121
1,4-Dichlorobenzene	0.33	U	20.0	21.2		ug/L		106	80 - 118
2-Butanone (MEK)	1.9	U F1	100	130	F1	ug/L		130	69 - 128
2-Hexanone	1.1	U	100	126		ug/L		126	74 - 127
4-Methyl-2-pentanone (MIBK)	1.3	U F1	100	142	F1	ug/L		142	78 - 125
Acetone	4.4	U	100	83.6		ug/L		84	61 - 134
Benzene	0.20	U	20.0	22.5		ug/L		113	78 - 126
Bromoform	0.54	U	20.0	19.7		ug/L		99	38 - 144
Bromomethane	0.55	U	20.0	21.3		ug/L		107	10 - 150
Carbon disulfide	0.82	U	20.0	18.4		ug/L		92	64 - 138
Carbon tetrachloride	0.21	U	20.0	23.0		ug/L		115	56 - 131
Chlorobenzene	0.38	U	20.0	22.7		ug/L		114	80 - 119
Chlorobromomethane	0.41	U	20.0	22.9		ug/L		115	73 - 126
Chlorodibromomethane	0.28	U	20.0	20.2		ug/L		101	58 - 130
Chloroethane	0.32	U	20.0	15.8		ug/L		79	29 - 150
Chloroform	0.60	J	20.0	22.4		ug/L		109	78 - 125
Chloromethane	0.40	U	20.0	21.8		ug/L		109	38 - 150
cis-1,2-Dichloroethene	3.7		20.0	26.7		ug/L		115	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	21.1		ug/L		105	74 - 125
Cyclohexane	0.32	U F1	20.0	27.5	F1	ug/L		138	67 - 133
Dichlorobromomethane	0.34	U	20.0	21.0		ug/L		105	72 - 121
Dichlorodifluoromethane	0.31	U	20.0	21.9		ug/L		109	31 - 150
Ethylbenzene	0.30	U	20.0	23.5		ug/L		118	78 - 120
Ethylene Dibromide	0.50	U	20.0	19.7		ug/L		98	69 - 126
Isopropylbenzene	0.34	U	20.0	24.5		ug/L		122	79 - 125
Methyl acetate	0.79	U	40.0	42.1		ug/L		105	70 - 127
Methyl tert-butyl ether	0.47	U	20.0	16.0		ug/L		80	65 - 131
Methylcyclohexane	0.26	U F1	20.0	28.4	F1	ug/L		142	60 - 139
Methylene Chloride	0.32	U	20.0	18.1		ug/L		90	74 - 127
m-Xylene & p-Xylene	0.30	U	20.0	23.7		ug/L		118	78 - 123
o-Xylene	0.36	U F1	20.0	24.8	F1	ug/L		124	78 - 122
Styrene	0.42	U	20.0	24.7		ug/L		123	75 - 127
Tetrachloroethene	11		20.0	33.3		ug/L		113	70 - 127
Toluene	0.38	U	20.0	23.1		ug/L		116	78 - 119
trans-1,2-Dichloroethene	0.24	U	20.0	19.6		ug/L		98	74 - 126
trans-1,3-Dichloropropene	0.49	U	20.0	19.8		ug/L		99	66 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-217152-B-18 MS
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.52	J F1	20.0	25.7	F1	ug/L		126	71 - 121
Trichlorofluoromethane	0.32	U	20.0	17.8		ug/L		89	61 - 140
Vinyl chloride	0.17	U	20.0	21.8		ug/L		109	61 - 144
Xylenes, Total	0.65	U	40.0	48.4		ug/L		121	78 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 123*
4-Bromofluorobenzene	*113*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 124*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 460-217152-B-18 MSD
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	4.5		20.0	24.8		ug/L		101	68 - 128	6	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	16.6		ug/L		83	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	18.7		ug/L		93	59 - 142	7	30
1,1,2-Trichloroethane	0.43	U	20.0	17.7		ug/L		89	74 - 125	7	30
1,1-Dichloroethane	2.5		20.0	23.1		ug/L		103	73 - 130	6	30
1,1-Dichloroethene	1.6		20.0	19.9		ug/L		91	68 - 133	6	30
1,2,3-Trichlorobenzene	0.36	U	20.0	17.2		ug/L		86	53 - 144	4	30
1,2,4-Trichlorobenzene	0.37	U	20.0	20.2		ug/L		101	64 - 132	2	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.1		ug/L		81	41 - 143	0	30
1,2-Dichlorobenzene	0.43	U	20.0	19.0		ug/L		95	79 - 122	6	30
1,2-Dichloroethane	0.43	U	20.0	16.7		ug/L		84	75 - 121	9	30
1,2-Dichloropropane	0.35	U	20.0	22.1		ug/L		110	76 - 126	8	30
1,3-Dichlorobenzene	0.34	U	20.0	21.4		ug/L		107	80 - 121	4	30
1,4-Dichlorobenzene	0.33	U	20.0	20.2		ug/L		101	80 - 118	5	30
2-Butanone (MEK)	1.9	U F1	100	122		ug/L		122	69 - 128	6	30
2-Hexanone	1.1	U	100	121		ug/L		121	74 - 127	4	30
4-Methyl-2-pentanone (MIBK)	1.3	U F1	100	133	F1	ug/L		133	78 - 125	6	30
Acetone	4.4	U	100	78.5		ug/L		79	61 - 134	6	30
Benzene	0.20	U	20.0	20.7		ug/L		104	78 - 126	8	30
Bromoform	0.54	U	20.0	18.1		ug/L		91	38 - 144	8	30
Bromomethane	0.55	U	20.0	24.5		ug/L		123	10 - 150	14	30
Carbon disulfide	0.82	U	20.0	17.6		ug/L		88	64 - 138	5	30
Carbon tetrachloride	0.21	U	20.0	22.2		ug/L		111	56 - 131	4	30
Chlorobenzene	0.38	U	20.0	21.3		ug/L		107	80 - 119	6	30
Chlorobromomethane	0.41	U	20.0	21.4		ug/L		107	73 - 126	7	30
Chlorodibromomethane	0.28	U	20.0	18.8		ug/L		94	58 - 130	7	30
Chloroethane	0.32	U	20.0	15.4		ug/L		77	29 - 150	2	30
Chloroform	0.60	J	20.0	21.0		ug/L		102	78 - 125	6	30
Chloromethane	0.40	U	20.0	20.7		ug/L		103	38 - 150	5	30
cis-1,2-Dichloroethene	3.7		20.0	24.3		ug/L		103	78 - 121	9	30
cis-1,3-Dichloropropene	0.22	U	20.0	19.2		ug/L		96	74 - 125	9	30
Cyclohexane	0.32	U F1	20.0	25.6		ug/L		128	67 - 133	7	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-217152-B-18 MSD
Matrix: Water
Analysis Batch: 721282

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	0.34	U	20.0	19.8		ug/L		99	72 - 121	6	30
Dichlorodifluoromethane	0.31	U	20.0	21.0		ug/L		105	31 - 150	4	30
Ethylbenzene	0.30	U	20.0	21.8		ug/L		109	78 - 120	7	30
Ethylene Dibromide	0.50	U	20.0	18.3		ug/L		92	69 - 126	7	30
Isopropylbenzene	0.34	U	20.0	22.5		ug/L		113	79 - 125	8	30
Methyl acetate	0.79	U	40.0	42.7		ug/L		107	70 - 127	2	30
Methyl tert-butyl ether	0.47	U	20.0	14.6		ug/L		73	65 - 131	9	30
Methylcyclohexane	0.26	U F1	20.0	26.5		ug/L		132	60 - 139	7	30
Methylene Chloride	0.32	U	20.0	17.0		ug/L		85	74 - 127	6	30
m-Xylene & p-Xylene	0.30	U	20.0	22.1		ug/L		111	78 - 123	7	30
o-Xylene	0.36	U F1	20.0	22.6		ug/L		113	78 - 122	9	30
Styrene	0.42	U	20.0	22.9		ug/L		114	75 - 127	8	30
Tetrachloroethene	11		20.0	31.5		ug/L		104	70 - 127	6	30
Toluene	0.38	U	20.0	21.3		ug/L		106	78 - 119	8	30
trans-1,2-Dichloroethene	0.24	U	20.0	18.5		ug/L		92	74 - 126	6	30
trans-1,3-Dichloropropene	0.49	U	20.0	17.8		ug/L		89	66 - 127	10	30
Trichloroethene	0.52	J F1	20.0	24.1		ug/L		118	71 - 121	6	30
Trichlorofluoromethane	0.32	U	20.0	16.7		ug/L		84	61 - 140	6	30
Vinyl chloride	0.17	U	20.0	21.0		ug/L		105	61 - 144	4	30
Xylenes, Total	0.65	U	40.0	44.8		ug/L		112	78 - 122	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 123*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 124*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 460-721508/8
Matrix: Water
Analysis Batch: 721508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/02/20 22:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/02/20 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/02/20 22:01	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 22:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/02/20 22:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/02/20 22:01	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/02/20 22:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/02/20 22:01	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/02/20 22:01	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			09/02/20 22:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/02/20 22:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/02/20 22:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/02/20 22:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/02/20 22:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/02/20 22:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/02/20 22:01	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-721508/8
Matrix: Water
Analysis Batch: 721508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/02/20 22:01	1
Acetone	4.4	U	5.0	4.4	ug/L			09/02/20 22:01	1
Benzene	0.20	U	1.0	0.20	ug/L			09/02/20 22:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/02/20 22:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/02/20 22:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/02/20 22:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/02/20 22:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/02/20 22:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/02/20 22:01	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/02/20 22:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/02/20 22:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/02/20 22:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/02/20 22:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/02/20 22:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/02/20 22:01	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/02/20 22:01	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/02/20 22:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/02/20 22:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/02/20 22:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/20 22:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/02/20 22:01	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/02/20 22:01	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			09/02/20 22:01	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			09/02/20 22:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/02/20 22:01	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/02/20 22:01	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/02/20 22:01	1
Styrene	0.42	U	1.0	0.42	ug/L			09/02/20 22:01	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/02/20 22:01	1
Toluene	0.38	U	1.0	0.38	ug/L			09/02/20 22:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/02/20 22:01	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			09/02/20 22:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/02/20 22:01	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/02/20 22:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/02/20 22:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/02/20 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 123*		*09/02/20 22:01*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*09/02/20 22:01*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*09/02/20 22:01*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/02/20 22:01*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-721508/3
Matrix: Water
Analysis Batch: 721508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	17.6		ug/L		88	68 - 128
1,1,2,2-Tetrachloroethane	20.0	21.1		ug/L		105	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.7		ug/L		83	59 - 142
1,1,2-Trichloroethane	20.0	18.7		ug/L		94	74 - 125
1,1-Dichloroethane	20.0	18.6		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	16.4		ug/L		82	68 - 133
1,2,3-Trichlorobenzene	20.0	19.0		ug/L		95	53 - 144
1,2,4-Trichlorobenzene	20.0	19.3		ug/L		97	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/L		94	41 - 143
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	79 - 122
1,2-Dichloroethane	20.0	18.6		ug/L		93	75 - 121
1,2-Dichloropropane	20.0	18.1		ug/L		91	76 - 126
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 121
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 118
2-Butanone (MEK)	100	93.9		ug/L		94	69 - 128
2-Hexanone	100	88.6		ug/L		89	74 - 127
4-Methyl-2-pentanone (MIBK)	100	95.0		ug/L		95	78 - 125
Acetone	100	91.1		ug/L		91	61 - 134
Benzene	20.0	21.1		ug/L		105	78 - 126
Bromoform	20.0	18.5		ug/L		92	38 - 144
Bromomethane	20.0	22.5		ug/L		112	10 - 150
Carbon disulfide	20.0	17.3		ug/L		86	64 - 138
Carbon tetrachloride	20.0	16.7		ug/L		84	56 - 131
Chlorobenzene	20.0	19.0		ug/L		95	80 - 119
Chlorobromomethane	20.0	17.9		ug/L		90	73 - 126
Chlorodibromomethane	20.0	18.4		ug/L		92	58 - 130
Chloroethane	20.0	20.7		ug/L		103	29 - 150
Chloroform	20.0	20.0		ug/L		100	78 - 125
Chloromethane	20.0	17.1		ug/L		86	38 - 150
cis-1,2-Dichloroethene	20.0	18.5		ug/L		92	78 - 121
cis-1,3-Dichloropropene	20.0	19.4		ug/L		97	74 - 125
Cyclohexane	20.0	16.1		ug/L		80	67 - 133
Dichlorobromomethane	20.0	17.6		ug/L		88	72 - 121
Dichlorodifluoromethane	20.0	15.2		ug/L		76	31 - 150
Ethylbenzene	20.0	18.7		ug/L		93	78 - 120
Ethylene Dibromide	20.0	18.7		ug/L		93	69 - 126
Isopropylbenzene	20.0	19.8		ug/L		99	79 - 125
Methyl acetate	40.0	38.2		ug/L		95	70 - 127
Methyl tert-butyl ether	20.0	18.8		ug/L		94	65 - 131
Methylcyclohexane	20.0	15.5		ug/L		78	60 - 139
Methylene Chloride	20.0	17.6		ug/L		88	74 - 127
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	78 - 123
o-Xylene	20.0	19.7		ug/L		99	78 - 122
Styrene	20.0	18.9		ug/L		94	75 - 127
Tetrachloroethene	20.0	17.5		ug/L		88	70 - 127
Toluene	20.0	19.7		ug/L		98	78 - 119
trans-1,2-Dichloroethene	20.0	18.5		ug/L		92	74 - 126
trans-1,3-Dichloropropene	20.0	17.7		ug/L		88	66 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-721508/3
Matrix: Water
Analysis Batch: 721508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Trichloroethene			20.0	17.7		ug/L		89	71 - 121		
Trichlorofluoromethane			20.0	19.3		ug/L		96	61 - 140		
Vinyl chloride			20.0	17.4		ug/L		87	61 - 144		
Xylenes, Total			40.0	38.8		ug/L		97	78 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 123*
4-Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 124*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 460-721508/4
Matrix: Water
Analysis Batch: 721508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	17.6		ug/L		88	68 - 128	0	30
1,1,2,2-Tetrachloroethane			20.0	21.2		ug/L		106	63 - 139	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.2		ug/L		86	59 - 142	3	30
1,1,2-Trichloroethane			20.0	18.8		ug/L		94	74 - 125	0	30
1,1-Dichloroethane			20.0	18.9		ug/L		95	73 - 130	2	30
1,1-Dichloroethene			20.0	16.6		ug/L		83	68 - 133	1	30
1,2,3-Trichlorobenzene			20.0	18.4		ug/L		92	53 - 144	3	30
1,2,4-Trichlorobenzene			20.0	19.5		ug/L		97	64 - 132	1	30
1,2-Dibromo-3-Chloropropane			20.0	18.3		ug/L		91	41 - 143	3	30
1,2-Dichlorobenzene			20.0	20.7		ug/L		104	79 - 122	3	30
1,2-Dichloroethane			20.0	18.7		ug/L		93	75 - 121	0	30
1,2-Dichloropropane			20.0	18.4		ug/L		92	76 - 126	2	30
1,3-Dichlorobenzene			20.0	19.6		ug/L		98	80 - 121	3	30
1,4-Dichlorobenzene			20.0	19.9		ug/L		100	80 - 118	3	30
2-Butanone (MEK)			100	95.9		ug/L		96	69 - 128	2	30
2-Hexanone			100	84.5		ug/L		84	74 - 127	5	30
4-Methyl-2-pentanone (MIBK)			100	92.5		ug/L		93	78 - 125	3	30
Acetone			100	85.4		ug/L		85	61 - 134	6	30
Benzene			20.0	20.5		ug/L		103	78 - 126	2	30
Bromoform			20.0	18.2		ug/L		91	38 - 144	2	30
Bromomethane			20.0	21.0		ug/L		105	10 - 150	7	30
Carbon disulfide			20.0	17.4		ug/L		87	64 - 138	1	30
Carbon tetrachloride			20.0	16.6		ug/L		83	56 - 131	1	30
Chlorobenzene			20.0	19.0		ug/L		95	80 - 119	0	30
Chlorobromomethane			20.0	18.4		ug/L		92	73 - 126	2	30
Chlorodibromomethane			20.0	18.3		ug/L		92	58 - 130	0	30
Chloroethane			20.0	19.0		ug/L		95	29 - 150	8	30
Chloroform			20.0	20.5		ug/L		103	78 - 125	3	30
Chloromethane			20.0	18.2		ug/L		91	38 - 150	6	30
cis-1,2-Dichloroethene			20.0	19.0		ug/L		95	78 - 121	3	30
cis-1,3-Dichloropropene			20.0	19.4		ug/L		97	74 - 125	0	30
Cyclohexane			20.0	16.7		ug/L		83	67 - 133	4	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-721508/4
Matrix: Water
Analysis Batch: 721508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			20.0	18.0		ug/L		90	72 - 121	2	30
Dichlorodifluoromethane			20.0	14.7		ug/L		74	31 - 150	3	30
Ethylbenzene			20.0	18.5		ug/L		93	78 - 120	1	30
Ethylene Dibromide			20.0	19.0		ug/L		95	69 - 126	2	30
Isopropylbenzene			20.0	19.3		ug/L		96	79 - 125	2	30
Methyl acetate			40.0	42.0		ug/L		105	70 - 127	9	30
Methyl tert-butyl ether			20.0	18.9		ug/L		95	65 - 131	1	30
Methylcyclohexane			20.0	15.7		ug/L		79	60 - 139	1	30
Methylene Chloride			20.0	18.4		ug/L		92	74 - 127	4	30
m-Xylene & p-Xylene			20.0	18.4		ug/L		92	78 - 123	3	30
o-Xylene			20.0	19.4		ug/L		97	78 - 122	2	30
Styrene			20.0	18.6		ug/L		93	75 - 127	2	30
Tetrachloroethene			20.0	17.3		ug/L		86	70 - 127	1	30
Toluene			20.0	19.4		ug/L		97	78 - 119	1	30
trans-1,2-Dichloroethene			20.0	18.4		ug/L		92	74 - 126	0	30
trans-1,3-Dichloropropene			20.0	17.6		ug/L		88	66 - 127	1	30
Trichloroethene			20.0	17.8		ug/L		89	71 - 121	0	30
Trichlorofluoromethane			20.0	19.0		ug/L		95	61 - 140	1	30
Vinyl chloride			20.0	17.9		ug/L		89	61 - 144	3	30
Xylenes, Total			40.0	37.8		ug/L		95	78 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 123*
4-Bromofluorobenzene	*91*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 124*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-719969/1-A
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
1,2-Dichlorobenzene	0.0056	U	0.33	0.0056	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
1,4-Dioxane	0.0091	U	0.10	0.0091	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
3-Nitroaniline	0.037	U	0.33	0.037	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg		08/27/20 09:32	08/27/20 20:51	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-719969/1-A
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Acenaphthylene	0.0034	U	0.33	0.0034	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Dibenzofuran	0.0046	U	0.33	0.0046	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Di-n-butyl phthalate	0.058	U	0.33	0.058	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Nitrobenzene	0.0079	U	0.033	0.0079	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		08/27/20 09:32	08/27/20 20:51	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		08/27/20 09:32	08/27/20 20:51	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.694*	*A J*	*mg/Kg*		*2.82*		*08/27/20 09:32*	*08/27/20 20:51*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*25 - 104*	*08/27/20 09:32*	*08/27/20 20:51*	*1*
Nitrobenzene-d5 (Surr)	*97*		*19 - 105*	*08/27/20 09:32*	*08/27/20 20:51*	*1*
Terphenyl-d14 (Surr)	*114*		*25 - 127*	*08/27/20 09:32*	*08/27/20 20:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-719969/2-A
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3.33	3.29		mg/Kg		99	63 - 107
1,2-Dichlorobenzene	3.33	3.04		mg/Kg		91	60 - 100
1,3-Dichlorobenzene	3.33	3.00		mg/Kg		90	59 - 99
1,4-Dichlorobenzene	3.33	2.98		mg/Kg		89	60 - 100
1,4-Dioxane	3.33	2.29		mg/Kg		69	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	3.25		mg/Kg		98	49 - 109
2,4-Dinitrotoluene	3.33	3.80		mg/Kg		114	65 - 124
2,6-Dinitrotoluene	3.33	3.83		mg/Kg		115	67 - 121
2-Chloronaphthalene	3.33	3.44		mg/Kg		103	65 - 109
2-Methylnaphthalene	3.33	3.16		mg/Kg		95	64 - 108
2-Nitroaniline	3.33	3.92		mg/Kg		118	59 - 119
3,3'-Dichlorobenzidine	3.33	1.94		mg/Kg		58	4 - 119
3-Nitroaniline	3.33	2.86		mg/Kg		86	31 - 102
4-Bromophenyl phenyl ether	3.33	3.31		mg/Kg		99	67 - 113
4-Chloroaniline	3.33	2.09		mg/Kg		63	20 - 98
4-Chlorophenyl phenyl ether	3.33	3.41		mg/Kg		102	66 - 110
4-Nitroaniline	3.33	3.02		mg/Kg		91	50 - 110
Acenaphthene	3.33	3.03		mg/Kg		91	53 - 110
Acenaphthylene	3.33	3.38		mg/Kg		102	64 - 108
Anthracene	3.33	3.25		mg/Kg		97	67 - 114
Benzo[a]anthracene	3.33	3.08		mg/Kg		92	67 - 115
Benzo[a]pyrene	3.33	3.66	*	mg/Kg		110	63 - 108
Benzo[b]fluoranthene	3.33	3.79		mg/Kg		114	64 - 116
Benzo[g,h,i]perylene	3.33	3.75		mg/Kg		112	61 - 113
Benzo[k]fluoranthene	3.33	3.42		mg/Kg		103	67 - 115
Bis(2-chloroethoxy)methane	3.33	3.02		mg/Kg		91	62 - 107
Bis(2-chloroethyl)ether	3.33	2.92		mg/Kg		88	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	3.38		mg/Kg		101	69 - 124
Butyl benzyl phthalate	3.33	3.56		mg/Kg		107	70 - 123
Carbazole	3.33	3.10		mg/Kg		93	64 - 113
Chrysene	3.33	3.11		mg/Kg		93	71 - 122
Dibenz(a,h)anthracene	3.33	4.07	*	mg/Kg		122	66 - 119
Dibenzofuran	3.33	3.34		mg/Kg		100	65 - 108
Diethyl phthalate	3.33	3.23		mg/Kg		97	63 - 109
Dimethyl phthalate	3.33	3.34		mg/Kg		100	65 - 109
Di-n-butyl phthalate	3.33	3.13		mg/Kg		94	66 - 114
Di-n-octyl phthalate	3.33	3.87		mg/Kg		116	65 - 122
Fluoranthene	3.33	3.01		mg/Kg		90	64 - 113
Fluorene	3.33	3.34		mg/Kg		100	65 - 109
Hexachlorobenzene	3.33	3.17		mg/Kg		95	70 - 119
Hexachlorobutadiene	3.33	3.61		mg/Kg		108	62 - 109
Hexachlorocyclopentadiene	3.33	2.64		mg/Kg		79	22 - 124
Hexachloroethane	3.33	3.27		mg/Kg		98	61 - 102
Indeno[1,2,3-cd]pyrene	3.33	4.14	*	mg/Kg		124	62 - 121
Isophorone	3.33	3.20		mg/Kg		96	63 - 107
Naphthalene	3.33	3.16		mg/Kg		95	63 - 106
Nitrobenzene	3.33	3.16		mg/Kg		95	63 - 110
N-Nitrosodi-n-propylamine	3.33	3.00		mg/Kg		90	61 - 108

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-719969/2-A
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
N-Nitrosodiphenylamine			3.33	3.29		mg/Kg		99	67 - 113		
Phenanthrene			3.33	3.25		mg/Kg		97	66 - 112		
Pyrene			3.33	3.34		mg/Kg		100	71 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*97*		*25 - 104*
Nitrobenzene-d5 (Surr)	*98*		*19 - 105*
Terphenyl-d14 (Surr)	*109*		*25 - 127*

Lab Sample ID: 460-216232-A-6-A MS
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 719969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trichlorobenzene	0.0092	U F1	3.60	1.78	F1	mg/Kg	☼	50	63 - 107		
1,2-Dichlorobenzene	0.0061	U F1	3.60	1.58	F1	mg/Kg	☼	44	60 - 100		
1,3-Dichlorobenzene	0.0047	U F1	3.60	1.53	F1	mg/Kg	☼	43	59 - 99		
1,4-Dichlorobenzene	0.014	U F1	3.60	1.55	F1	mg/Kg	☼	43	60 - 100		
1,4-Dioxane	0.0098	U F1	3.60	1.05	F1	mg/Kg	☼	29	31 - 81		
2,2'-oxybis[1-chloropropane]	0.0065	U	3.60	1.78		mg/Kg	☼	49	49 - 109		
2,4-Dinitrotoluene	0.038	U F1	3.60	2.12	F1	mg/Kg	☼	59	65 - 124		
2,6-Dinitrotoluene	0.026	U F1	3.60	2.14	F1	mg/Kg	☼	60	67 - 121		
2-Chloronaphthalene	0.017	U F1	3.60	1.88	F1	mg/Kg	☼	52	65 - 109		
2-Methylnaphthalene	0.010	U F1	3.60	1.76	F1	mg/Kg	☼	49	64 - 108		
2-Nitroaniline	0.013	U	3.60	2.13		mg/Kg	☼	59	59 - 119		
3,3'-Dichlorobenzidine	0.054	U	3.60	0.688		mg/Kg	☼	19	4 - 119		
3-Nitroaniline	0.040	U	3.60	1.56		mg/Kg	☼	43	31 - 102		
4-Bromophenyl phenyl ether	0.014	U F1	3.60	1.91	F1	mg/Kg	☼	53	67 - 113		
4-Chloroaniline	0.025	U	3.60	1.14		mg/Kg	☼	32	20 - 98		
4-Chlorophenyl phenyl ether	0.013	U F1	3.60	1.84	F1	mg/Kg	☼	51	66 - 110		
4-Nitroaniline	0.041	U F1	3.60	1.39	F1	mg/Kg	☼	39	50 - 110		
Acenaphthene	0.073	J F1	3.60	2.29		mg/Kg	☼	62	53 - 110		
Acenaphthylene	0.043	J F1	3.60	1.91	F1	mg/Kg	☼	52	64 - 108		
Anthracene	0.20	J F1 F2	3.60	3.19		mg/Kg	☼	83	67 - 114		
Benzo[a]anthracene	0.72	F1 F2	3.60	4.58		mg/Kg	☼	107	67 - 115		
Benzo[a]pyrene	0.79	* F1 F2	3.60	4.70	F1	mg/Kg	☼	109	63 - 108		
Benzo[b]fluoranthene	1.2	F1 F2	3.60	5.40	F1	mg/Kg	☼	118	64 - 116		
Benzo[g,h,i]perylene	0.56	F1 F2	3.60	3.39		mg/Kg	☼	79	61 - 113		
Benzo[k]fluoranthene	0.30	F1 F2	3.60	3.16		mg/Kg	☼	79	67 - 115		
Bis(2-chloroethoxy)methane	0.028	U F1	3.60	1.67	F1	mg/Kg	☼	47	62 - 107		
Bis(2-chloroethyl)ether	0.012	U F1	3.60	1.61	F1	mg/Kg	☼	45	60 - 107		
Bis(2-ethylhexyl) phthalate	0.019	U F1	3.60	1.83	F1	mg/Kg	☼	51	69 - 124		
Butyl benzyl phthalate	0.017	U F1	3.60	1.89	F1	mg/Kg	☼	52	70 - 123		
Carbazole	0.091	J F1	3.60	2.16	F1	mg/Kg	☼	58	64 - 113		
Chrysene	0.84	F1 F2	3.60	4.49		mg/Kg	☼	101	71 - 122		
Dibenz(a,h)anthracene	0.15	* F1	3.60	2.63		mg/Kg	☼	69	66 - 119		
Dibenzofuran	0.040	J F1	3.60	2.20	F1	mg/Kg	☼	60	65 - 108		
Diethyl phthalate	0.0052	U F1	3.60	1.82	F1	mg/Kg	☼	51	63 - 109		

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-216232-A-6-A MS
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 719969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dimethyl phthalate	0.081	U F1	3.60	1.86	F1	mg/Kg	☼	52	65 - 109
Di-n-butyl phthalate	0.063	U F1	3.60	1.77	F1	mg/Kg	☼	49	66 - 114
Di-n-octyl phthalate	0.019	U F1	3.60	1.82	F1	mg/Kg	☼	51	65 - 122
Fluoranthene	1.6	F1 F2	3.60	7.99	F1	mg/Kg	☼	179	64 - 113
Fluorene	0.11	J F1	3.60	2.51		mg/Kg	☼	67	65 - 109
Hexachlorobenzene	0.017	U F1	3.60	1.79	F1	mg/Kg	☼	50	70 - 119
Hexachlorobutadiene	0.0076	U F1	3.60	1.93	F1	mg/Kg	☼	54	62 - 109
Hexachlorocyclopentadiene	0.031	U	3.60	0.866		mg/Kg	☼	24	22 - 124
Hexachloroethane	0.012	U F1	3.60	1.64	F1	mg/Kg	☼	46	61 - 102
Indeno[1,2,3-cd]pyrene	0.63	* F1 F2	3.60	4.10		mg/Kg	☼	97	62 - 121
Isophorone	0.10	U F1	3.60	1.78	F1	mg/Kg	☼	49	63 - 107
Naphthalene	0.0062	U F1	3.60	1.73	F1	mg/Kg	☼	48	63 - 106
Nitrobenzene	0.0086	U F1	3.60	1.63	F1	mg/Kg	☼	45	63 - 110
N-Nitrosodi-n-propylamine	0.026	U F1	3.60	1.63	F1	mg/Kg	☼	45	61 - 108
N-Nitrosodiphenylamine	0.0068	U F1	3.60	1.90	F1	mg/Kg	☼	53	67 - 113
Phenanthrene	1.1	F1 F2	3.60	7.85	F1	mg/Kg	☼	188	66 - 112
Pyrene	1.4	F1 F2	3.60	7.02	F1	mg/Kg	☼	156	71 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*52*		*25 - 104*
Nitrobenzene-d5 (Surr)	*50*		*19 - 105*
Terphenyl-d14 (Surr)	*53*		*25 - 127*

Lab Sample ID: 460-216232-A-6-B MSD
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 719969

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.0092	U F1	3.60	1.86	F1	mg/Kg	☼	52	63 - 107	5	30
1,2-Dichlorobenzene	0.0061	U F1	3.60	1.70	F1	mg/Kg	☼	47	60 - 100	7	30
1,3-Dichlorobenzene	0.0047	U F1	3.60	1.66	F1	mg/Kg	☼	46	59 - 99	8	30
1,4-Dichlorobenzene	0.014	U F1	3.60	1.66	F1	mg/Kg	☼	46	60 - 100	7	30
1,4-Dioxane	0.0098	U F1	3.60	1.18		mg/Kg	☼	33	31 - 81	11	30
2,2'-oxybis[1-chloropropane]	0.0065	U	3.60	1.90		mg/Kg	☼	53	49 - 109	7	30
2,4-Dinitrotoluene	0.038	U F1	3.60	2.14	F1	mg/Kg	☼	60	65 - 124	1	30
2,6-Dinitrotoluene	0.026	U F1	3.60	2.12	F1	mg/Kg	☼	59	67 - 121	1	30
2-Chloronaphthalene	0.017	U F1	3.60	1.98	F1	mg/Kg	☼	55	65 - 109	5	30
2-Methylnaphthalene	0.010	U F1	3.60	1.80	F1	mg/Kg	☼	50	64 - 108	3	30
2-Nitroaniline	0.013	U	3.60	2.20		mg/Kg	☼	61	59 - 119	4	30
3,3'-Dichlorobenzidine	0.054	U	3.60	0.697		mg/Kg	☼	19	4 - 119	1	30
3-Nitroaniline	0.040	U	3.60	1.52		mg/Kg	☼	42	31 - 102	2	30
4-Bromophenyl phenyl ether	0.014	U F1	3.60	1.93	F1	mg/Kg	☼	54	67 - 113	1	30
4-Chloroaniline	0.025	U	3.60	1.13		mg/Kg	☼	31	20 - 98	1	30
4-Chlorophenyl phenyl ether	0.013	U F1	3.60	1.94	F1	mg/Kg	☼	54	66 - 110	5	30
4-Nitroaniline	0.041	U F1	3.60	1.35	F1	mg/Kg	☼	38	50 - 110	3	30
Acenaphthene	0.073	J F1	3.60	1.75	F1	mg/Kg	☼	47	53 - 110	26	30
Acenaphthylene	0.043	J F1	3.60	1.95	F1	mg/Kg	☼	53	64 - 108	2	30
Anthracene	0.20	J F1 F2	3.60	2.02	F1 F2	mg/Kg	☼	50	67 - 114	45	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-216232-A-6-B MSD
Matrix: Solid
Analysis Batch: 720113

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 719969

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[a]anthracene	0.72	F1 F2	3.60	2.41	F1 F2	mg/Kg	☼	47	67 - 115	62	30
Benzo[a]pyrene	0.79	* F1 F2	3.60	2.84	F1 F2	mg/Kg	☼	57	63 - 108	49	30
Benzo[b]fluoranthene	1.2	F1 F2	3.60	3.16	F1 F2	mg/Kg	☼	55	64 - 116	52	30
Benzo[g,h,i]perylene	0.56	F1 F2	3.60	2.12	F1 F2	mg/Kg	☼	44	61 - 113	46	30
Benzo[k]fluoranthene	0.30	F1 F2	3.60	2.22	F1 F2	mg/Kg	☼	53	67 - 115	35	30
Bis(2-chloroethoxy)methane	0.028	U F1	3.60	1.79	F1	mg/Kg	☼	50	62 - 107	7	30
Bis(2-chloroethyl)ether	0.012	U F1	3.60	1.71	F1	mg/Kg	☼	48	60 - 107	6	30
Bis(2-ethylhexyl) phthalate	0.019	U F1	3.60	1.80	F1	mg/Kg	☼	50	69 - 124	2	30
Butyl benzyl phthalate	0.017	U F1	3.60	1.89	F1	mg/Kg	☼	53	70 - 123	0	30
Carbazole	0.091	J F1	3.60	1.79	F1	mg/Kg	☼	47	64 - 113	19	30
Chrysene	0.84	F1 F2	3.60	2.59	F1 F2	mg/Kg	☼	48	71 - 122	54	30
Dibenz(a,h)anthracene	0.15	* F1	3.60	2.21	F1	mg/Kg	☼	57	66 - 119	17	30
Dibenzofuran	0.040	J F1	3.60	1.93	F1	mg/Kg	☼	52	65 - 108	13	30
Diethyl phthalate	0.0052	U F1	3.60	1.85	F1	mg/Kg	☼	52	63 - 109	2	30
Dimethyl phthalate	0.081	U F1	3.60	1.92	F1	mg/Kg	☼	53	65 - 109	4	30
Di-n-butyl phthalate	0.063	U F1	3.60	1.82	F1	mg/Kg	☼	51	66 - 114	3	30
Di-n-octyl phthalate	0.019	U F1	3.60	1.85	F1	mg/Kg	☼	52	65 - 122	2	30
Fluoranthene	1.6	F1 F2	3.60	3.20	F1 F2	mg/Kg	☼	46	64 - 113	86	30
Fluorene	0.11	J F1	3.60	1.93	F1	mg/Kg	☼	51	65 - 109	26	30
Hexachlorobenzene	0.017	U F1	3.60	1.80	F1	mg/Kg	☼	50	70 - 119	1	30
Hexachlorobutadiene	0.0076	U F1	3.60	2.06	F1	mg/Kg	☼	57	62 - 109	6	30
Hexachlorocyclopentadiene	0.031	U	3.60	0.818		mg/Kg	☼	23	22 - 124	6	30
Hexachloroethane	0.012	U F1	3.60	1.76	F1	mg/Kg	☼	49	61 - 102	7	30
Indeno[1,2,3-cd]pyrene	0.63	* F1 F2	3.60	2.65	F1 F2	mg/Kg	☼	56	62 - 121	43	30
Isophorone	0.10	U F1	3.60	1.84	F1	mg/Kg	☼	51	63 - 107	3	30
Naphthalene	0.0062	U F1	3.60	1.82	F1	mg/Kg	☼	51	63 - 106	5	30
Nitrobenzene	0.0086	U F1	3.60	1.78	F1	mg/Kg	☼	49	63 - 110	8	30
N-Nitrosodi-n-propylamine	0.026	U F1	3.60	1.70	F1	mg/Kg	☼	47	61 - 108	4	30
N-Nitrosodiphenylamine	0.0068	U F1	3.60	1.93	F1	mg/Kg	☼	54	67 - 113	1	30
Phenanthrene	1.1	F1 F2	3.60	2.70	F1 F2	mg/Kg	☼	45	66 - 112	98	30
Pyrene	1.4	F1 F2	3.60	2.93	F1 F2	mg/Kg	☼	42	71 - 122	82	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*54*		*25 - 104*
Nitrobenzene-d5 (Surr)	*52*		*19 - 105*
Terphenyl-d14 (Surr)	*52*		*25 - 127*

Lab Sample ID: MB 460-720271/1-A
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
1,2-Dichlorobenzene	0.0056	U	0.33	0.0056	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
1,4-Dioxane	0.0091	U	0.10	0.0091	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		08/28/20 09:19	08/28/20 20:05	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-720271/1-A
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
3-Nitroaniline	0.037	U	0.33	0.037	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Acenaphthylene	0.0034	U	0.33	0.0034	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Dibenzofuran	0.0046	U	0.33	0.0046	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Di-n-butyl phthalate	0.058	U	0.33	0.058	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Nitrobenzene	0.0079	U	0.033	0.0079	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		08/28/20 09:19	08/28/20 20:05	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		08/28/20 09:19	08/28/20 20:05	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.302*	*A J*	*mg/Kg*		*2.25*		*08/28/20 09:19*	*08/28/20 20:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-720271/1-A
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720271

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*65*		*25 - 104*	*08/28/20 09:19*	*08/28/20 20:05*	*1*
Nitrobenzene-d5 (Surr)	*67*		*19 - 105*	*08/28/20 09:19*	*08/28/20 20:05*	*1*
Terphenyl-d14 (Surr)	*73*		*25 - 127*	*08/28/20 09:19*	*08/28/20 20:05*	*1*

Lab Sample ID: LCS 460-720271/2-A
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3.33	2.81		mg/Kg		84	63 - 107
1,2-Dichlorobenzene	3.33	2.64		mg/Kg		79	60 - 100
1,3-Dichlorobenzene	3.33	2.65		mg/Kg		79	59 - 99
1,4-Dichlorobenzene	3.33	2.59		mg/Kg		78	60 - 100
1,4-Dioxane	3.33	2.00		mg/Kg		60	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	2.60		mg/Kg		78	49 - 109
2,4-Dinitrotoluene	3.33	3.23		mg/Kg		97	65 - 124
2,6-Dinitrotoluene	3.33	3.39		mg/Kg		102	67 - 121
2-Chloronaphthalene	3.33	2.75		mg/Kg		83	65 - 109
2-Methylnaphthalene	3.33	2.81		mg/Kg		84	64 - 108
2-Nitroaniline	3.33	3.03		mg/Kg		91	59 - 119
3,3'-Dichlorobenzidine	3.33	2.69		mg/Kg		81	4 - 119
3-Nitroaniline	3.33	3.00		mg/Kg		90	31 - 102
4-Bromophenyl phenyl ether	3.33	2.94		mg/Kg		88	67 - 113
4-Chloroaniline	3.33	2.64		mg/Kg		79	20 - 98
4-Chlorophenyl phenyl ether	3.33	3.02		mg/Kg		91	66 - 110
4-Nitroaniline	3.33	2.93		mg/Kg		88	50 - 110
Acenaphthene	3.33	2.77		mg/Kg		83	53 - 110
Acenaphthylene	3.33	2.83		mg/Kg		85	64 - 108
Anthracene	3.33	2.81		mg/Kg		84	67 - 114
Benzo[a]anthracene	3.33	2.75		mg/Kg		83	67 - 115
Benzo[a]pyrene	3.33	3.26		mg/Kg		98	63 - 108
Benzo[b]fluoranthene	3.33	3.25		mg/Kg		97	64 - 116
Benzo[g,h,i]perylene	3.33	3.01		mg/Kg		90	61 - 113
Benzo[k]fluoranthene	3.33	3.21		mg/Kg		96	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.72		mg/Kg		81	62 - 107
Bis(2-chloroethyl)ether	3.33	2.63		mg/Kg		79	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	2.66		mg/Kg		80	69 - 124
Butyl benzyl phthalate	3.33	2.80		mg/Kg		84	70 - 123
Carbazole	3.33	2.73		mg/Kg		82	64 - 113
Chrysene	3.33	2.76		mg/Kg		83	71 - 122
Dibenz(a,h)anthracene	3.33	3.36		mg/Kg		101	66 - 119
Dibenzofuran	3.33	2.89		mg/Kg		87	65 - 108
Diethyl phthalate	3.33	2.85		mg/Kg		86	63 - 109
Dimethyl phthalate	3.33	2.86		mg/Kg		86	65 - 109
Di-n-butyl phthalate	3.33	2.74		mg/Kg		82	66 - 114
Di-n-octyl phthalate	3.33	3.09		mg/Kg		93	65 - 122
Fluoranthene	3.33	2.89		mg/Kg		87	64 - 113
Fluorene	3.33	2.85		mg/Kg		86	65 - 109

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-720271/2-A
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720271

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hexachlorobenzene			3.33	2.72		mg/Kg		82	70 - 119		
Hexachlorobutadiene			3.33	2.99		mg/Kg		90	62 - 109		
Hexachlorocyclopentadiene			3.33	3.14		mg/Kg		94	22 - 124		
Hexachloroethane			3.33	2.61		mg/Kg		78	61 - 102		
Indeno[1,2,3-cd]pyrene			3.33	3.24		mg/Kg		97	62 - 121		
Isophorone			3.33	2.82		mg/Kg		85	63 - 107		
Naphthalene			3.33	2.73		mg/Kg		82	63 - 106		
Nitrobenzene			3.33	2.88		mg/Kg		86	63 - 110		
N-Nitrosodi-n-propylamine			3.33	2.73		mg/Kg		82	61 - 108		
N-Nitrosodiphenylamine			3.33	2.76		mg/Kg		83	67 - 113		
Phenanthrene			3.33	2.75		mg/Kg		83	66 - 112		
Pyrene			3.33	2.71		mg/Kg		81	71 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*25 - 104*
Nitrobenzene-d5 (Surr)	*80*		*19 - 105*
Terphenyl-d14 (Surr)	*90*		*25 - 127*

Lab Sample ID: LCSD 460-720271/3-A
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720271

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			3.33	2.62		mg/Kg		78	63 - 107	7	30
1,2-Dichlorobenzene			3.33	2.53		mg/Kg		76	60 - 100	4	30
1,3-Dichlorobenzene			3.33	2.44		mg/Kg		73	59 - 99	8	30
1,4-Dichlorobenzene			3.33	2.45		mg/Kg		73	60 - 100	6	30
1,4-Dioxane			3.33	1.67		mg/Kg		50	31 - 81	18	30
2,2'-oxybis[1-chloropropane]			3.33	2.44		mg/Kg		73	49 - 109	6	30
2,4-Dinitrotoluene			3.33	2.96		mg/Kg		89	65 - 124	9	30
2,6-Dinitrotoluene			3.33	3.05		mg/Kg		92	67 - 121	11	30
2-Chloronaphthalene			3.33	2.51		mg/Kg		75	65 - 109	9	30
2-Methylnaphthalene			3.33	2.60		mg/Kg		78	64 - 108	8	30
2-Nitroaniline			3.33	2.73		mg/Kg		82	59 - 119	11	30
3,3'-Dichlorobenzidine			3.33	2.34		mg/Kg		70	4 - 119	14	30
3-Nitroaniline			3.33	2.66		mg/Kg		80	31 - 102	12	30
4-Bromophenyl phenyl ether			3.33	2.69		mg/Kg		81	67 - 113	9	30
4-Chloroaniline			3.33	2.28		mg/Kg		68	20 - 98	15	30
4-Chlorophenyl phenyl ether			3.33	2.73		mg/Kg		82	66 - 110	10	30
4-Nitroaniline			3.33	2.68		mg/Kg		80	50 - 110	9	30
Acenaphthene			3.33	2.51		mg/Kg		75	53 - 110	10	30
Acenaphthylene			3.33	2.55		mg/Kg		76	64 - 108	10	30
Anthracene			3.33	2.53		mg/Kg		76	67 - 114	10	30
Benzo[a]anthracene			3.33	2.49		mg/Kg		75	67 - 115	10	30
Benzo[a]pyrene			3.33	2.96		mg/Kg		89	63 - 108	10	30
Benzo[b]fluoranthene			3.33	2.91		mg/Kg		87	64 - 116	11	30
Benzo[g,h,i]perylene			3.33	2.73		mg/Kg		82	61 - 113	10	30
Benzo[k]fluoranthene			3.33	2.97		mg/Kg		89	67 - 115	7	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-720271/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720409
Prep Batch: 720271

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane			3.33	2.43		mg/Kg		73	62 - 107	11	30
Bis(2-chloroethyl)ether			3.33	2.45		mg/Kg		74	60 - 107	7	30
Bis(2-ethylhexyl) phthalate			3.33	2.41		mg/Kg		72	69 - 124	10	30
Butyl benzyl phthalate			3.33	2.54		mg/Kg		76	70 - 123	10	30
Carbazole			3.33	2.45		mg/Kg		73	64 - 113	11	30
Chrysene			3.33	2.54		mg/Kg		76	71 - 122	8	30
Dibenz(a,h)anthracene			3.33	3.12		mg/Kg		94	66 - 119	7	30
Dibenzofuran			3.33	2.59		mg/Kg		78	65 - 108	11	30
Diethyl phthalate			3.33	2.64		mg/Kg		79	63 - 109	8	30
Dimethyl phthalate			3.33	2.60		mg/Kg		78	65 - 109	10	30
Di-n-butyl phthalate			3.33	2.47		mg/Kg		74	66 - 114	10	30
Di-n-octyl phthalate			3.33	2.82		mg/Kg		85	65 - 122	9	30
Fluoranthene			3.33	2.59		mg/Kg		78	64 - 113	11	30
Fluorene			3.33	2.61		mg/Kg		78	65 - 109	9	30
Hexachlorobenzene			3.33	2.54		mg/Kg		76	70 - 119	7	30
Hexachlorobutadiene			3.33	2.80		mg/Kg		84	62 - 109	7	30
Hexachlorocyclopentadiene			3.33	2.92		mg/Kg		88	22 - 124	7	30
Hexachloroethane			3.33	2.47		mg/Kg		74	61 - 102	5	30
Indeno[1,2,3-cd]pyrene			3.33	3.04		mg/Kg		91	62 - 121	6	30
Isophorone			3.33	2.57		mg/Kg		77	63 - 107	9	30
Naphthalene			3.33	2.51		mg/Kg		75	63 - 106	8	30
Nitrobenzene			3.33	2.65		mg/Kg		80	63 - 110	8	30
N-Nitrosodi-n-propylamine			3.33	2.51		mg/Kg		75	61 - 108	8	30
N-Nitrosodiphenylamine			3.33	2.49		mg/Kg		75	67 - 113	10	30
Phenanthrene			3.33	2.49		mg/Kg		75	66 - 112	10	30
Pyrene			3.33	2.41		mg/Kg		72	71 - 122	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*25 - 104*
Nitrobenzene-d5 (Surr)	*74*		*19 - 105*
Terphenyl-d14 (Surr)	*79*		*25 - 127*

Lab Sample ID: 460-216576-A-1-C MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720409
Prep Batch: 720271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.024	U F1	9.39	3.98	F1	mg/Kg	☼	42	63 - 107
1,2-Dichlorobenzene	0.016	U F1	9.39	3.50	F1	mg/Kg	☼	37	60 - 100
1,3-Dichlorobenzene	0.012	U F1	9.39	3.37	F1	mg/Kg	☼	36	59 - 99
1,4-Dichlorobenzene	0.036	U F1	9.39	3.33	F1	mg/Kg	☼	35	60 - 100
1,4-Dioxane	0.026	U F1	9.39	2.03	F1	mg/Kg	☼	22	31 - 81
2,2'-oxybis[1-chloropropane]	0.017	U F1	9.39	3.44	F1	mg/Kg	☼	37	49 - 109
2,4-Dinitrotoluene	0.10	U F1	9.39	4.95	F1	mg/Kg	☼	53	65 - 124
2,6-Dinitrotoluene	0.067	U F1	9.39	5.26	F1	mg/Kg	☼	56	67 - 121
2-Chloronaphthalene	0.043	U F1	9.39	4.01	F1	mg/Kg	☼	43	65 - 109
2-Methylnaphthalene	0.026	U F1	9.39	4.09	F1	mg/Kg	☼	44	64 - 108
2-Nitroaniline	0.035	U F1	9.39	4.53	F1	mg/Kg	☼	48	59 - 119

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-216576-A-1-C MS
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
3,3'-Dichlorobenzidine	0.14	U F2	9.39	0.635		mg/Kg	☼	7	4 - 119
3-Nitroaniline	0.11	U	9.39	3.19		mg/Kg	☼	34	31 - 102
4-Bromophenyl phenyl ether	0.037	U F1	9.39	4.67	F1	mg/Kg	☼	50	67 - 113
4-Chloroaniline	0.065	U	9.39	2.69		mg/Kg	☼	29	20 - 98
4-Chlorophenyl phenyl ether	0.033	U F1	9.39	4.56	F1	mg/Kg	☼	49	66 - 110
4-Nitroaniline	0.11	U F1 F2	9.39	2.32	F1	mg/Kg	☼	25	50 - 110
Acenaphthene	0.068	U F1	9.39	4.30	F1	mg/Kg	☼	46	53 - 110
Acenaphthylene	0.0096	U F1	9.39	4.17	F1	mg/Kg	☼	44	64 - 108
Anthracene	0.095	J F1	9.39	4.58	F1	mg/Kg	☼	48	67 - 114
Benzo[a]anthracene	0.21	F1	9.39	4.96	F1	mg/Kg	☼	51	67 - 115
Benzo[a]pyrene	0.19	F1	9.39	5.82	F1	mg/Kg	☼	60	63 - 108
Benzo[b]fluoranthene	0.28	F1	9.39	6.01	F1	mg/Kg	☼	61	64 - 116
Benzo[g,h,i]perylene	0.20	J F1	9.39	2.85	F1	mg/Kg	☼	28	61 - 113
Benzo[k]fluoranthene	0.018	U F1	9.39	5.56	F1	mg/Kg	☼	59	67 - 115
Bis(2-chloroethoxy)methane	0.073	U F1	9.39	3.72	F1	mg/Kg	☼	40	62 - 107
Bis(2-chloroethyl)ether	0.032	U F1	9.39	3.38	F1	mg/Kg	☼	36	60 - 107
Bis(2-ethylhexyl) phthalate	0.34	J F1	9.39	4.57	F1	mg/Kg	☼	45	69 - 124
Butyl benzyl phthalate	0.044	U F1	9.39	4.48	F1	mg/Kg	☼	48	70 - 123
Carbazole	0.044	J F1	9.39	4.14	F1	mg/Kg	☼	44	64 - 113
Chrysene	0.22	J F1	9.39	4.99	F1	mg/Kg	☼	51	71 - 122
Dibenz(a,h)anthracene	0.040	U F1	9.39	3.54	F1	mg/Kg	☼	38	66 - 119
Dibenzofuran	0.013	U F1	9.39	4.42	F1	mg/Kg	☼	47	65 - 108
Diethyl phthalate	0.014	U F1	9.39	4.36	F1	mg/Kg	☼	46	63 - 109
Dimethyl phthalate	0.21	U F1	9.39	4.38	F1	mg/Kg	☼	47	65 - 109
Di-n-butyl phthalate	0.16	U F1	9.39	4.27	F1	mg/Kg	☼	45	66 - 114
Di-n-octyl phthalate	0.049	U F1	9.39	5.23	F1	mg/Kg	☼	56	65 - 122
Fluoranthene	0.41	J F1	9.39	6.12	F1	mg/Kg	☼	61	64 - 113
Fluorene	0.030	J F1	9.39	4.48	F1	mg/Kg	☼	47	65 - 109
Hexachlorobenzene	0.044	U F1	9.39	4.29	F1	mg/Kg	☼	46	70 - 119
Hexachlorobutadiene	0.020	U F1	9.39	4.15	F1	mg/Kg	☼	44	62 - 109
Hexachlorocyclopentadiene	0.082	U F1	9.39	0.082	U F1	mg/Kg	☼	0	22 - 124
Hexachloroethane	0.032	U F1 F2	9.39	2.68	F1	mg/Kg	☼	29	61 - 102
Indeno[1,2,3-cd]pyrene	0.17	F1	9.39	3.16	F1	mg/Kg	☼	32	62 - 121
Isophorone	0.27	U F1	9.39	3.85	F1	mg/Kg	☼	41	63 - 107
Naphthalene	0.033	J F1	9.39	3.81	F1	mg/Kg	☼	40	63 - 106
Nitrobenzene	0.022	U F1	9.39	3.97	F1	mg/Kg	☼	42	63 - 110
N-Nitrosodi-n-propylamine	0.068	U F1	9.39	3.61	F1	mg/Kg	☼	38	61 - 108
N-Nitrosodiphenylamine	0.018	U F1	9.39	4.32	F1	mg/Kg	☼	46	67 - 113
Phenanthrene	0.40	J F1	9.39	6.02	F1	mg/Kg	☼	60	66 - 112
Pyrene	0.43	J F1	9.39	6.00	F1	mg/Kg	☼	59	71 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*40*		*25 - 104*
Nitrobenzene-d5 (Surr)	*38*		*19 - 105*
Terphenyl-d14 (Surr)	*46*		*25 - 127*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-216576-A-1-D MSD
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.024	U F1	9.39	4.42	F1	mg/Kg	☼	47	63 - 107	10	30
1,2-Dichlorobenzene	0.016	U F1	9.39	3.90	F1	mg/Kg	☼	42	60 - 100	11	30
1,3-Dichlorobenzene	0.012	U F1	9.39	3.88	F1	mg/Kg	☼	41	59 - 99	14	30
1,4-Dichlorobenzene	0.036	U F1	9.39	3.79	F1	mg/Kg	☼	40	60 - 100	13	30
1,4-Dioxane	0.026	U F1	9.39	2.58	F1	mg/Kg	☼	27	31 - 81	24	30
2,2'-oxybis[1-chloropropane]	0.017	U F1	9.39	3.88	F1	mg/Kg	☼	41	49 - 109	12	30
2,4-Dinitrotoluene	0.10	U F1	9.39	5.16	F1	mg/Kg	☼	55	65 - 124	4	30
2,6-Dinitrotoluene	0.067	U F1	9.39	5.56	F1	mg/Kg	☼	59	67 - 121	6	30
2-Chloronaphthalene	0.043	U F1	9.39	4.47	F1	mg/Kg	☼	48	65 - 109	11	30
2-Methylnaphthalene	0.026	U F1	9.39	4.53	F1	mg/Kg	☼	48	64 - 108	10	30
2-Nitroaniline	0.035	U F1	9.39	4.85	F1	mg/Kg	☼	52	59 - 119	7	30
3,3'-Dichlorobenzidine	0.14	U F2	9.39	1.72	F2	mg/Kg	☼	18	4 - 119	92	30
3-Nitroaniline	0.11	U	9.39	4.27		mg/Kg	☼	45	31 - 102	29	30
4-Bromophenyl phenyl ether	0.037	U F1	9.39	4.97	F1	mg/Kg	☼	53	67 - 113	6	30
4-Chloroaniline	0.065	U	9.39	3.10		mg/Kg	☼	33	20 - 98	14	30
4-Chlorophenyl phenyl ether	0.033	U F1	9.39	4.93	F1	mg/Kg	☼	52	66 - 110	8	30
4-Nitroaniline	0.11	U F1 F2	9.39	3.50	F1 F2	mg/Kg	☼	37	50 - 110	41	30
Acenaphthene	0.068	U F1	9.39	4.56	F1	mg/Kg	☼	49	53 - 110	6	30
Acenaphthylene	0.0096	U F1	9.39	4.58	F1	mg/Kg	☼	49	64 - 108	9	30
Anthracene	0.095	J F1	9.39	4.68	F1	mg/Kg	☼	49	67 - 114	2	30
Benzo[a]anthracene	0.21	F1	9.39	4.69	F1	mg/Kg	☼	48	67 - 115	6	30
Benzo[a]pyrene	0.19	F1	9.39	5.46	F1	mg/Kg	☼	56	63 - 108	6	30
Benzo[b]fluoranthene	0.28	F1	9.39	5.80	F1	mg/Kg	☼	59	64 - 116	3	30
Benzo[g,h,i]perylene	0.20	J F1	9.39	3.72	F1	mg/Kg	☼	37	61 - 113	27	30
Benzo[k]fluoranthene	0.018	U F1	9.39	5.39	F1	mg/Kg	☼	57	67 - 115	3	30
Bis(2-chloroethoxy)methane	0.073	U F1	9.39	4.11	F1	mg/Kg	☼	44	62 - 107	10	30
Bis(2-chloroethyl)ether	0.032	U F1	9.39	3.86	F1	mg/Kg	☼	41	60 - 107	13	30
Bis(2-ethylhexyl) phthalate	0.34	J F1	9.39	5.09	F1	mg/Kg	☼	51	69 - 124	11	30
Butyl benzyl phthalate	0.044	U F1	9.39	4.75	F1	mg/Kg	☼	51	70 - 123	6	30
Carbazole	0.044	J F1	9.39	4.38	F1	mg/Kg	☼	46	64 - 113	6	30
Chrysene	0.22	J F1	9.39	4.77	F1	mg/Kg	☼	48	71 - 122	4	30
Dibenz(a,h)anthracene	0.040	U F1	9.39	4.41	F1	mg/Kg	☼	47	66 - 119	22	30
Dibenzofuran	0.013	U F1	9.39	4.71	F1	mg/Kg	☼	50	65 - 108	6	30
Diethyl phthalate	0.014	U F1	9.39	4.69	F1	mg/Kg	☼	50	63 - 109	7	30
Dimethyl phthalate	0.21	U F1	9.39	4.74	F1	mg/Kg	☼	50	65 - 109	8	30
Di-n-butyl phthalate	0.16	U F1	9.39	4.55	F1	mg/Kg	☼	48	66 - 114	6	30
Di-n-octyl phthalate	0.049	U F1	9.39	5.67	F1	mg/Kg	☼	60	65 - 122	8	30
Fluoranthene	0.41	J F1	9.39	5.00	F1	mg/Kg	☼	49	64 - 113	20	30
Fluorene	0.030	J F1	9.39	4.70	F1	mg/Kg	☼	50	65 - 109	5	30
Hexachlorobenzene	0.044	U F1	9.39	4.65	F1	mg/Kg	☼	50	70 - 119	8	30
Hexachlorobutadiene	0.020	U F1	9.39	4.76	F1	mg/Kg	☼	51	62 - 109	14	30
Hexachlorocyclopentadiene	0.082	U F1	9.39	0.660	J F1	mg/Kg	☼	7	22 - 124	NC	30
Hexachloroethane	0.032	U F1 F2	9.39	3.74	F1 F2	mg/Kg	☼	40	61 - 102	33	30
Indeno[1,2,3-cd]pyrene	0.17	F1	9.39	4.12	F1	mg/Kg	☼	42	62 - 121	26	30
Isophorone	0.27	U F1	9.39	4.33	F1	mg/Kg	☼	46	63 - 107	12	30
Naphthalene	0.033	J F1	9.39	4.24	F1	mg/Kg	☼	45	63 - 106	11	30
Nitrobenzene	0.022	U F1	9.39	4.34	F1	mg/Kg	☼	46	63 - 110	9	30
N-Nitrosodi-n-propylamine	0.068	U F1	9.39	4.04	F1	mg/Kg	☼	43	61 - 108	11	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-216576-A-1-D MSD
Matrix: Solid
Analysis Batch: 720409

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	0.018	U F1	9.39	4.62	F1	mg/Kg	☼	49	67 - 113	7	30
Phenanthrene	0.40	J F1	9.39	4.88	F1	mg/Kg	☼	48	66 - 112	21	30
Pyrene	0.43	J F1	9.39	4.67	F1	mg/Kg	☼	45	71 - 122	25	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*47*		*25 - 104*
Nitrobenzene-d5 (Surr)	*46*		*19 - 105*
Terphenyl-d14 (Surr)	*52*		*25 - 127*

Lab Sample ID: MB 460-720378/1-A
Matrix: Solid
Analysis Batch: 720401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
1,2-Dichlorobenzene	0.0056	U	0.33	0.0056	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
1,4-Dioxane	0.0091	U	0.10	0.0091	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
3-Nitroaniline	0.037	U	0.33	0.037	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Acenaphthylene	0.0034	U	0.33	0.0034	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Dibenzofuran	0.0046	U	0.33	0.0046	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg		08/28/20 17:09	08/29/20 01:37	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-720378/1-A
Matrix: Solid
Analysis Batch: 720401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Di-n-butyl phthalate	0.058	U	0.33	0.058	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Nitrobenzene	0.0079	U	0.033	0.0079	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		08/28/20 17:09	08/29/20 01:37	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		08/28/20 17:09	08/29/20 01:37	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.344*	*A J*	*mg/Kg*		*2.64*		*08/28/20 17:09*	*08/29/20 01:37*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*25 - 104*	*08/28/20 17:09*	*08/29/20 01:37*	*1*
Nitrobenzene-d5 (Surr)	*86*		*19 - 105*	*08/28/20 17:09*	*08/29/20 01:37*	*1*
Terphenyl-d14 (Surr)	*104*		*25 - 127*	*08/28/20 17:09*	*08/29/20 01:37*	*1*

Lab Sample ID: LCS 460-720378/2-A
Matrix: Solid
Analysis Batch: 720401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3.33	2.49		mg/Kg		75	63 - 107
1,2-Dichlorobenzene	3.33	2.42		mg/Kg		72	60 - 100
1,3-Dichlorobenzene	3.33	2.38		mg/Kg		71	59 - 99
1,4-Dichlorobenzene	3.33	2.36		mg/Kg		71	60 - 100
1,4-Dioxane	3.33	1.50		mg/Kg		45	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	2.36		mg/Kg		71	49 - 109
2,4-Dinitrotoluene	3.33	2.68		mg/Kg		81	65 - 124
2,6-Dinitrotoluene	3.33	2.67		mg/Kg		80	67 - 121
2-Chloronaphthalene	3.33	2.51		mg/Kg		75	65 - 109
2-Methylnaphthalene	3.33	2.56		mg/Kg		77	64 - 108
2-Nitroaniline	3.33	2.42		mg/Kg		73	59 - 119
3,3'-Dichlorobenzidine	3.33	1.88		mg/Kg		56	4 - 119
3-Nitroaniline	3.33	2.15		mg/Kg		65	31 - 102
4-Bromophenyl phenyl ether	3.33	2.44		mg/Kg		73	67 - 113
4-Chloroaniline	3.33	2.06		mg/Kg		62	20 - 98
4-Chlorophenyl phenyl ether	3.33	2.58		mg/Kg		77	66 - 110
4-Nitroaniline	3.33	2.35		mg/Kg		71	50 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-720378/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720401
Prep Batch: 720378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.33	2.22		mg/Kg		67	53 - 110
Acenaphthylene	3.33	2.56		mg/Kg		77	64 - 108
Anthracene	3.33	2.41		mg/Kg		72	67 - 114
Benzo[a]anthracene	3.33	2.36		mg/Kg		71	67 - 115
Benzo[a]pyrene	3.33	2.80		mg/Kg		84	63 - 108
Benzo[b]fluoranthene	3.33	2.97		mg/Kg		89	64 - 116
Benzo[g,h,i]perylene	3.33	2.44		mg/Kg		73	61 - 113
Benzo[k]fluoranthene	3.33	2.77		mg/Kg		83	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.44		mg/Kg		73	62 - 107
Bis(2-chloroethyl)ether	3.33	2.64		mg/Kg		79	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	2.40		mg/Kg		72	69 - 124
Butyl benzyl phthalate	3.33	2.44		mg/Kg		73	70 - 123
Carbazole	3.33	2.43		mg/Kg		73	64 - 113
Chrysene	3.33	2.40		mg/Kg		72	71 - 122
Dibenz(a,h)anthracene	3.33	2.61		mg/Kg		78	66 - 119
Dibenzofuran	3.33	2.58		mg/Kg		77	65 - 108
Diethyl phthalate	3.33	2.51		mg/Kg		75	63 - 109
Dimethyl phthalate	3.33	2.56		mg/Kg		77	65 - 109
Di-n-butyl phthalate	3.33	2.39		mg/Kg		72	66 - 114
Di-n-octyl phthalate	3.33	2.84		mg/Kg		85	65 - 122
Fluoranthene	3.33	2.35		mg/Kg		70	64 - 113
Fluorene	3.33	2.56		mg/Kg		77	65 - 109
Hexachlorobenzene	3.33	2.43		mg/Kg		73	70 - 119
Hexachlorobutadiene	3.33	2.51		mg/Kg		75	62 - 109
Hexachlorocyclopentadiene	3.33	2.02		mg/Kg		61	22 - 124
Hexachloroethane	3.33	2.39		mg/Kg		72	61 - 102
Indeno[1,2,3-cd]pyrene	3.33	2.63		mg/Kg		79	62 - 121
Isophorone	3.33	2.56		mg/Kg		77	63 - 107
Naphthalene	3.33	2.45		mg/Kg		74	63 - 106
Nitrobenzene	3.33	2.57		mg/Kg		77	63 - 110
N-Nitrosodi-n-propylamine	3.33	2.47		mg/Kg		74	61 - 108
N-Nitrosodiphenylamine	3.33	2.44		mg/Kg		73	67 - 113
Phenanthrene	3.33	2.38		mg/Kg		71	66 - 112
Pyrene	3.33	2.49		mg/Kg		75	71 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*25 - 104*
Nitrobenzene-d5 (Surr)	*76*		*19 - 105*
Terphenyl-d14 (Surr)	*89*		*25 - 127*

Lab Sample ID: 460-217009-1 MS
Client Sample ID: SB-10_1-3_20200827
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720401
Prep Batch: 720378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.0091	U F1	3.57	1.59	F1	mg/Kg	☼	44	63 - 107
1,2-Dichlorobenzene	0.0060	U F1	3.57	1.34	F1	mg/Kg	☼	38	60 - 100
1,3-Dichlorobenzene	0.0047	U F1	3.57	1.22	F1	mg/Kg	☼	34	59 - 99

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-217009-1 MS
Client Sample ID: SB-10_1-3_20200827
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720401
Prep Batch: 720378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.013	U F1	3.57	1.26	F1	mg/Kg	☼	35	60 - 100
1,4-Dioxane	0.0098	U F1	3.57	0.840	F1	mg/Kg	☼	24	31 - 81
2,2'-oxybis[1-chloropropane]	0.0064	U F1	3.57	1.50	F1	mg/Kg	☼	42	49 - 109
2,4-Dinitrotoluene	0.038	U F1	3.57	2.09	F1	mg/Kg	☼	59	65 - 124
2,6-Dinitrotoluene	0.026	U F1	3.57	2.07	F1	mg/Kg	☼	58	67 - 121
2-Chloronaphthalene	0.016	U F1	3.57	1.83	F1	mg/Kg	☼	51	65 - 109
2-Methylnaphthalene	0.0099	U F1	3.57	1.81	F1	mg/Kg	☼	51	64 - 108
2-Nitroaniline	0.013	U F1	3.57	1.68	F1	mg/Kg	☼	47	59 - 119
3,3'-Dichlorobenzidine	0.053	U	3.57	1.76		mg/Kg	☼	49	4 - 119
3-Nitroaniline	0.040	U	3.57	1.83		mg/Kg	☼	51	31 - 102
4-Bromophenyl phenyl ether	0.014	U F1	3.57	1.88	F1	mg/Kg	☼	53	67 - 113
4-Chloroaniline	0.025	U	3.57	1.70		mg/Kg	☼	48	20 - 98
4-Chlorophenyl phenyl ether	0.012	U F1	3.57	1.95	F1	mg/Kg	☼	55	66 - 110
4-Nitroaniline	0.041	U	3.57	1.97		mg/Kg	☼	55	50 - 110
Acenaphthene	0.026	U F1	3.57	1.62	F1	mg/Kg	☼	46	53 - 110
Acenaphthylene	0.0037	U F1	3.57	1.92	F1	mg/Kg	☼	54	64 - 108
Anthracene	0.011	U F1	3.57	1.87	F1	mg/Kg	☼	52	67 - 114
Benzo[a]anthracene	0.012	U F1	3.57	1.88	F1	mg/Kg	☼	53	67 - 115
Benzo[a]pyrene	0.0094	U F1	3.57	2.19	F1	mg/Kg	☼	61	63 - 108
Benzo[b]fluoranthene	0.0092	U	3.57	2.31		mg/Kg	☼	65	64 - 116
Benzo[g,h,i]perylene	0.010	U F1	3.57	1.94	F1	mg/Kg	☼	55	61 - 113
Benzo[k]fluoranthene	0.0069	U F1	3.57	2.22	F1	mg/Kg	☼	62	67 - 115
Bis(2-chloroethoxy)methane	0.028	U F1	3.57	1.76	F1	mg/Kg	☼	49	62 - 107
Bis(2-chloroethyl)ether	0.012	U F1	3.57	1.73	F1	mg/Kg	☼	49	60 - 107
Bis(2-ethylhexyl) phthalate	0.019	U F1	3.57	1.84	F1	mg/Kg	☼	52	69 - 124
Butyl benzyl phthalate	0.017	U F1	3.57	1.92	F1	mg/Kg	☼	54	70 - 123
Carbazole	0.013	U F1	3.57	1.87	F1	mg/Kg	☼	53	64 - 113
Chrysene	0.0060	U F1	3.57	1.89	F1	mg/Kg	☼	53	71 - 122
Dibenz(a,h)anthracene	0.015	U F1	3.57	2.08	F1	mg/Kg	☼	58	66 - 119
Dibenzofuran	0.0050	U F1	3.57	1.94	F1	mg/Kg	☼	54	65 - 108
Diethyl phthalate	0.0051	U F1	3.57	1.99	F1	mg/Kg	☼	56	63 - 109
Dimethyl phthalate	0.080	U F1	3.57	2.01	F1	mg/Kg	☼	56	65 - 109
Di-n-butyl phthalate	0.062	U F1	3.57	1.87	F1	mg/Kg	☼	52	66 - 114
Di-n-octyl phthalate	0.019	U F1	3.57	2.23	F1	mg/Kg	☼	63	65 - 122
Fluoranthene	0.012	U F1	3.57	1.85	F1	mg/Kg	☼	52	64 - 113
Fluorene	0.0048	U F1	3.57	1.92	F1	mg/Kg	☼	54	65 - 109
Hexachlorobenzene	0.017	U F1	3.57	1.83	F1	mg/Kg	☼	51	70 - 119
Hexachlorobutadiene	0.0075	U F1	3.57	1.48	F1	mg/Kg	☼	41	62 - 109
Hexachlorocyclopentadiene	0.031	U	3.57	1.29		mg/Kg	☼	36	22 - 124
Hexachloroethane	0.012	U F1	3.57	1.23	F1	mg/Kg	☼	34	61 - 102
Indeno[1,2,3-cd]pyrene	0.014	U F1	3.57	2.09	F1	mg/Kg	☼	58	62 - 121
Isophorone	0.10	U F1	3.57	1.94	F1	mg/Kg	☼	54	63 - 107
Naphthalene	0.0061	U F1	3.57	1.63	F1	mg/Kg	☼	46	63 - 106
Nitrobenzene	0.0085	U F1	3.57	1.77	F1	mg/Kg	☼	50	63 - 110
N-Nitrosodi-n-propylamine	0.026	U F1	3.57	1.79	F1	mg/Kg	☼	50	61 - 108
N-Nitrosodiphenylamine	0.0068	U F1	3.57	1.88	F1	mg/Kg	☼	53	67 - 113
Phenanthrene	0.0062	U F1	3.57	1.84	F1	mg/Kg	☼	52	66 - 112
Pyrene	0.0088	U F1	3.57	1.94	F1	mg/Kg	☼	54	71 - 122

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-217009-1 MS
Matrix: Solid
Analysis Batch: 720401

Client Sample ID: SB-10_1-3_20200827
Prep Type: Total/NA
Prep Batch: 720378

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	52		25 - 104
Nitrobenzene-d5 (Surr)	48		19 - 105
Terphenyl-d14 (Surr)	64		25 - 127

Lab Sample ID: 460-217009-1 MSD
Matrix: Solid
Analysis Batch: 720401

Client Sample ID: SB-10_1-3_20200827
Prep Type: Total/NA
Prep Batch: 720378

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.0091	U F1	3.57	1.99	F1	mg/Kg	☼	56	63 - 107	23	30
1,2-Dichlorobenzene	0.0060	U F1	3.57	1.70	F1	mg/Kg	☼	48	60 - 100	23	30
1,3-Dichlorobenzene	0.0047	U F1	3.57	1.59	F1	mg/Kg	☼	45	59 - 99	27	30
1,4-Dichlorobenzene	0.013	U F1	3.57	1.62	F1	mg/Kg	☼	45	60 - 100	25	30
1,4-Dioxane	0.0098	U F1	3.57	1.03	F1	mg/Kg	☼	29	31 - 81	21	30
2,2'-oxybis[1-chloropropane]	0.0064	U F1	3.57	1.89		mg/Kg	☼	53	49 - 109	23	30
2,4-Dinitrotoluene	0.038	U F1	3.57	2.51		mg/Kg	☼	70	65 - 124	18	30
2,6-Dinitrotoluene	0.026	U F1	3.57	2.47		mg/Kg	☼	69	67 - 121	17	30
2-Chloronaphthalene	0.016	U F1	3.57	2.23	F1	mg/Kg	☼	63	65 - 109	20	30
2-Methylnaphthalene	0.0099	U F1	3.57	2.24	F1	mg/Kg	☼	63	64 - 108	21	30
2-Nitroaniline	0.013	U F1	3.57	2.03	F1	mg/Kg	☼	57	59 - 119	19	30
3,3'-Dichlorobenzidine	0.053	U	3.57	2.13		mg/Kg	☼	60	4 - 119	19	30
3-Nitroaniline	0.040	U	3.57	2.25		mg/Kg	☼	63	31 - 102	20	30
4-Bromophenyl phenyl ether	0.014	U F1	3.57	2.24	F1	mg/Kg	☼	63	67 - 113	18	30
4-Chloroaniline	0.025	U	3.57	2.12		mg/Kg	☼	59	20 - 98	22	30
4-Chlorophenyl phenyl ether	0.012	U F1	3.57	2.34		mg/Kg	☼	66	66 - 110	18	30
4-Nitroaniline	0.041	U	3.57	2.40		mg/Kg	☼	67	50 - 110	20	30
Acenaphthene	0.026	U F1	3.57	1.99		mg/Kg	☼	56	53 - 110	20	30
Acenaphthylene	0.0037	U F1	3.57	2.30		mg/Kg	☼	65	64 - 108	18	30
Anthracene	0.011	U F1	3.57	2.25	F1	mg/Kg	☼	63	67 - 114	19	30
Benzo[a]anthracene	0.012	U F1	3.57	2.30	F1	mg/Kg	☼	64	67 - 115	20	30
Benzo[a]pyrene	0.0094	U F1	3.57	2.69		mg/Kg	☼	75	63 - 108	21	30
Benzo[b]fluoranthene	0.0092	U	3.57	2.72		mg/Kg	☼	76	64 - 116	16	30
Benzo[g,h,i]perylene	0.010	U F1	3.57	2.35		mg/Kg	☼	66	61 - 113	19	30
Benzo[k]fluoranthene	0.0069	U F1	3.57	2.71		mg/Kg	☼	76	67 - 115	20	30
Bis(2-chloroethoxy)methane	0.028	U F1	3.57	2.23		mg/Kg	☼	63	62 - 107	23	30
Bis(2-chloroethyl)ether	0.012	U F1	3.57	2.11	F1	mg/Kg	☼	59	60 - 107	20	30
Bis(2-ethylhexyl) phthalate	0.019	U F1	3.57	2.28	F1	mg/Kg	☼	64	69 - 124	21	30
Butyl benzyl phthalate	0.017	U F1	3.57	2.35	F1	mg/Kg	☼	66	70 - 123	20	30
Carbazole	0.013	U F1	3.57	2.32		mg/Kg	☼	65	64 - 113	21	30
Chrysene	0.0060	U F1	3.57	2.27	F1	mg/Kg	☼	64	71 - 122	18	30
Dibenz(a,h)anthracene	0.015	U F1	3.57	2.52		mg/Kg	☼	71	66 - 119	19	30
Dibenzofuran	0.0050	U F1	3.57	2.32		mg/Kg	☼	65	65 - 108	18	30
Diethyl phthalate	0.0051	U F1	3.57	2.40		mg/Kg	☼	67	63 - 109	18	30
Dimethyl phthalate	0.080	U F1	3.57	2.41		mg/Kg	☼	68	65 - 109	18	30
Di-n-butyl phthalate	0.062	U F1	3.57	2.33	F1	mg/Kg	☼	65	66 - 114	22	30
Di-n-octyl phthalate	0.019	U F1	3.57	2.70		mg/Kg	☼	76	65 - 122	19	30
Fluoranthene	0.012	U F1	3.57	2.27		mg/Kg	☼	64	64 - 113	20	30
Fluorene	0.0048	U F1	3.57	2.29	F1	mg/Kg	☼	64	65 - 109	18	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-217009-1 MSD
Client Sample ID: SB-10_1-3_20200827
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720401
Prep Batch: 720378

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobenzene	0.017	U F1	3.57	2.29	F1	mg/Kg	☼	64	70 - 119	22	30
Hexachlorobutadiene	0.0075	U F1	3.57	1.91	F1	mg/Kg	☼	53	62 - 109	25	30
Hexachlorocyclopentadiene	0.031	U	3.57	1.56		mg/Kg	☼	44	22 - 124	18	30
Hexachloroethane	0.012	U F1	3.57	1.61	F1	mg/Kg	☼	45	61 - 102	27	30
Indeno[1,2,3-cd]pyrene	0.014	U F1	3.57	2.46		mg/Kg	☼	69	62 - 121	17	30
Isophorone	0.10	U F1	3.57	2.36		mg/Kg	☼	66	63 - 107	20	30
Naphthalene	0.0061	U F1	3.57	2.05	F1	mg/Kg	☼	57	63 - 106	23	30
Nitrobenzene	0.0085	U F1	3.57	2.20	F1	mg/Kg	☼	62	63 - 110	21	30
N-Nitrosodi-n-propylamine	0.026	U F1	3.57	2.18		mg/Kg	☼	61	61 - 108	20	30
N-Nitrosodiphenylamine	0.0068	U F1	3.57	2.28	F1	mg/Kg	☼	64	67 - 113	19	30
Phenanthrene	0.0062	U F1	3.57	2.27	F1	mg/Kg	☼	64	66 - 112	21	30
Pyrene	0.0088	U F1	3.57	2.41	F1	mg/Kg	☼	68	71 - 122	22	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*25 - 104*
Nitrobenzene-d5 (Surr)	*61*		*19 - 105*
Terphenyl-d14 (Surr)	*79*		*25 - 127*

Lab Sample ID: MB 460-720639/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 720701
Prep Batch: 720639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		08/30/20 06:46	08/30/20 22:41	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		08/30/20 06:46	08/30/20 22:41	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		08/30/20 06:46	08/30/20 22:41	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		08/30/20 06:46	08/30/20 22:41	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		08/30/20 06:46	08/30/20 22:41	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		08/30/20 06:46	08/30/20 22:41	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		08/30/20 06:46	08/30/20 22:41	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		08/30/20 06:46	08/30/20 22:41	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		08/30/20 06:46	08/30/20 22:41	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		08/30/20 06:46	08/30/20 22:41	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		08/30/20 06:46	08/30/20 22:41	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		08/30/20 06:46	08/30/20 22:41	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		08/30/20 06:46	08/30/20 22:41	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		08/30/20 06:46	08/30/20 22:41	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		08/30/20 06:46	08/30/20 22:41	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		08/30/20 06:46	08/30/20 22:41	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		08/30/20 06:46	08/30/20 22:41	1
Acenaphthene	1.1	U	10	1.1	ug/L		08/30/20 06:46	08/30/20 22:41	1
Acenaphthylene	0.82	U	10	0.82	ug/L		08/30/20 06:46	08/30/20 22:41	1
Anthracene	0.63	U	10	0.63	ug/L		08/30/20 06:46	08/30/20 22:41	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		08/30/20 06:46	08/30/20 22:41	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		08/30/20 06:46	08/30/20 22:41	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		08/30/20 06:46	08/30/20 22:41	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		08/30/20 06:46	08/30/20 22:41	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		08/30/20 06:46	08/30/20 22:41	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-720639/1-A
Matrix: Water
Analysis Batch: 720701

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		08/30/20 06:46	08/30/20 22:41	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		08/30/20 06:46	08/30/20 22:41	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		08/30/20 06:46	08/30/20 22:41	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		08/30/20 06:46	08/30/20 22:41	1
Carbazole	0.68	U	10	0.68	ug/L		08/30/20 06:46	08/30/20 22:41	1
Chrysene	0.91	U	2.0	0.91	ug/L		08/30/20 06:46	08/30/20 22:41	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		08/30/20 06:46	08/30/20 22:41	1
Dibenzofuran	1.1	U	10	1.1	ug/L		08/30/20 06:46	08/30/20 22:41	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		08/30/20 06:46	08/30/20 22:41	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		08/30/20 06:46	08/30/20 22:41	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		08/30/20 06:46	08/30/20 22:41	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		08/30/20 06:46	08/30/20 22:41	1
Fluoranthene	0.84	U	10	0.84	ug/L		08/30/20 06:46	08/30/20 22:41	1
Fluorene	0.91	U	10	0.91	ug/L		08/30/20 06:46	08/30/20 22:41	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		08/30/20 06:46	08/30/20 22:41	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		08/30/20 06:46	08/30/20 22:41	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		08/30/20 06:46	08/30/20 22:41	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		08/30/20 06:46	08/30/20 22:41	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		08/30/20 06:46	08/30/20 22:41	1
Isophorone	0.80	U	10	0.80	ug/L		08/30/20 06:46	08/30/20 22:41	1
Naphthalene	1.1	U	2.0	1.1	ug/L		08/30/20 06:46	08/30/20 22:41	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		08/30/20 06:46	08/30/20 22:41	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		08/30/20 06:46	08/30/20 22:41	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		08/30/20 06:46	08/30/20 22:41	1
Phenanthrene	0.58	U	10	0.58	ug/L		08/30/20 06:46	08/30/20 22:41	1
Pyrene	1.6	U	10	1.6	ug/L		08/30/20 06:46	08/30/20 22:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*08/30/20 06:46*	*08/30/20 22:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*42 - 127*	*08/30/20 06:46*	*08/30/20 22:41*	*1*
Nitrobenzene-d5 (Surr)	*89*		*46 - 137*	*08/30/20 06:46*	*08/30/20 22:41*	*1*
Terphenyl-d14 (Surr)	*116*		*39 - 150*	*08/30/20 06:46*	*08/30/20 22:41*	*1*

Lab Sample ID: LCS 460-720639/2-A
Matrix: Water
Analysis Batch: 720701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	80.0	65.3		ug/L		82	45 - 98
1,2-Dichlorobenzene	80.0	61.2		ug/L		77	41 - 93
1,3-Dichlorobenzene	80.0	56.9		ug/L		71	35 - 93
1,4-Dichlorobenzene	80.0	58.3		ug/L		73	37 - 93
1,4-Dioxane	80.0	44.3		ug/L		55	29 - 68
2,2'-oxybis[1-chloropropane]	80.0	57.6		ug/L		72	38 - 124
2,4-Dinitrotoluene	80.0	77.6		ug/L		97	63 - 122
2,6-Dinitrotoluene	80.0	76.5		ug/L		96	71 - 118

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-720639/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 720701
Prep Batch: 720639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	80.0	70.8		ug/L		89	57 - 102
2-Methylnaphthalene	80.0	72.3		ug/L		90	57 - 103
2-Nitroaniline	80.0	70.3		ug/L		88	54 - 123
3,3'-Dichlorobenzidine	80.0	76.0		ug/L		95	59 - 125
3-Nitroaniline	80.0	73.4		ug/L		92	57 - 110
4-Bromophenyl phenyl ether	80.0	76.1		ug/L		95	65 - 115
4-Chloroaniline	80.0	70.0		ug/L		88	43 - 105
4-Chlorophenyl phenyl ether	80.0	71.8		ug/L		90	60 - 113
4-Nitroaniline	80.0	74.5		ug/L		93	52 - 122
Acenaphthene	80.0	72.5		ug/L		91	54 - 108
Acenaphthylene	80.0	76.1		ug/L		95	64 - 102
Anthracene	80.0	74.6		ug/L		93	69 - 110
Benzo[a]anthracene	80.0	66.0		ug/L		83	71 - 114
Benzo[a]pyrene	80.0	84.6		ug/L		106	67 - 106
Benzo[b]fluoranthene	80.0	81.0		ug/L		101	65 - 113
Benzo[g,h,i]perylene	80.0	74.5		ug/L		93	48 - 145
Benzo[k]fluoranthene	80.0	85.9		ug/L		107	66 - 116
Bis(2-chloroethoxy)methane	80.0	69.2		ug/L		86	64 - 114
Bis(2-chloroethyl)ether	80.0	68.9		ug/L		86	57 - 112
Bis(2-ethylhexyl) phthalate	80.0	71.8		ug/L		90	60 - 135
Butyl benzyl phthalate	80.0	68.7		ug/L		86	63 - 126
Carbazole	80.0	75.0		ug/L		94	68 - 113
Chrysene	80.0	70.5		ug/L		88	74 - 122
Dibenz(a,h)anthracene	80.0	81.7		ug/L		102	57 - 144
Dibenzofuran	80.0	75.4		ug/L		94	65 - 104
Diethyl phthalate	80.0	74.5		ug/L		93	65 - 105
Dimethyl phthalate	80.0	76.0		ug/L		95	68 - 105
Di-n-butyl phthalate	80.0	71.8		ug/L		90	66 - 113
Di-n-octyl phthalate	80.0	73.4		ug/L		92	40 - 133
Fluoranthene	80.0	72.8		ug/L		91	66 - 116
Fluorene	80.0	77.9		ug/L		97	64 - 108
Hexachlorobenzene	80.0	78.8		ug/L		98	59 - 129
Hexachlorobutadiene	80.0	61.3		ug/L		77	33 - 98
Hexachlorocyclopentadiene	80.0	57.2		ug/L		72	14 - 97
Hexachloroethane	80.0	59.6		ug/L		75	27 - 94
Indeno[1,2,3-cd]pyrene	80.0	80.2		ug/L		100	55 - 139
Isophorone	80.0	72.2		ug/L		90	64 - 113
Naphthalene	80.0	69.7		ug/L		87	56 - 99
Nitrobenzene	80.0	77.0		ug/L		96	67 - 109
N-Nitrosodi-n-propylamine	80.0	70.2		ug/L		88	60 - 111
N-Nitrosodiphenylamine	80.0	73.9		ug/L		92	67 - 110
Phenanthrene	80.0	74.9		ug/L		94	69 - 108
Pyrene	80.0	74.3		ug/L		93	66 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*42 - 127*
Nitrobenzene-d5 (Surr)	*89*		*46 - 137*
Terphenyl-d14 (Surr)	*101*		*39 - 150*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-720639/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 720701
Prep Batch: 720639

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	80.0	66.0		ug/L		83	45 - 98	1	30
1,2-Dichlorobenzene	80.0	60.6		ug/L		76	41 - 93	1	30
1,3-Dichlorobenzene	80.0	57.2		ug/L		71	35 - 93	1	30
1,4-Dichlorobenzene	80.0	58.1		ug/L		73	37 - 93	0	30
1,4-Dioxane	80.0	43.9		ug/L		55	29 - 68	1	30
2,2'-oxybis[1-chloropropane]	80.0	58.1		ug/L		73	38 - 124	1	30
2,4-Dinitrotoluene	80.0	79.1		ug/L		99	63 - 122	2	30
2,6-Dinitrotoluene	80.0	77.7		ug/L		97	71 - 118	2	30
2-Chloronaphthalene	80.0	71.6		ug/L		90	57 - 102	1	30
2-Methylnaphthalene	80.0	72.3		ug/L		90	57 - 103	0	30
2-Nitroaniline	80.0	72.6		ug/L		91	54 - 123	3	30
3,3'-Dichlorobenzidine	80.0	76.2		ug/L		95	59 - 125	0	30
3-Nitroaniline	80.0	75.2		ug/L		94	57 - 110	2	30
4-Bromophenyl phenyl ether	80.0	75.1		ug/L		94	65 - 115	1	30
4-Chloroaniline	80.0	69.4		ug/L		87	43 - 105	1	30
4-Chlorophenyl phenyl ether	80.0	71.8		ug/L		90	60 - 113	0	30
4-Nitroaniline	80.0	76.9		ug/L		96	52 - 122	3	30
Acenaphthene	80.0	74.5		ug/L		93	54 - 108	3	30
Acenaphthylene	80.0	77.2		ug/L		96	64 - 102	1	30
Anthracene	80.0	73.6		ug/L		92	69 - 110	1	30
Benzo[a]anthracene	80.0	67.1		ug/L		84	71 - 114	2	30
Benzo[a]pyrene	80.0	85.0		ug/L		106	67 - 106	1	30
Benzo[b]fluoranthene	80.0	84.6		ug/L		106	65 - 113	4	30
Benzo[g,h,i]perylene	80.0	74.5		ug/L		93	48 - 145	0	30
Benzo[k]fluoranthene	80.0	85.4		ug/L		107	66 - 116	1	30
Bis(2-chloroethoxy)methane	80.0	68.5		ug/L		86	64 - 114	1	30
Bis(2-chloroethyl)ether	80.0	68.8		ug/L		86	57 - 112	0	30
Bis(2-ethylhexyl) phthalate	80.0	72.5		ug/L		91	60 - 135	1	30
Butyl benzyl phthalate	80.0	68.5		ug/L		86	63 - 126	0	30
Carbazole	80.0	74.4		ug/L		93	68 - 113	1	30
Chrysene	80.0	68.5		ug/L		86	74 - 122	3	30
Dibenz(a,h)anthracene	80.0	75.8		ug/L		95	57 - 144	8	30
Dibenzofuran	80.0	75.9		ug/L		95	65 - 104	1	30
Diethyl phthalate	80.0	74.0		ug/L		93	65 - 105	1	30
Dimethyl phthalate	80.0	76.9		ug/L		96	68 - 105	1	30
Di-n-butyl phthalate	80.0	71.2		ug/L		89	66 - 113	1	30
Di-n-octyl phthalate	80.0	75.8		ug/L		95	40 - 133	3	30
Fluoranthene	80.0	72.4		ug/L		91	66 - 116	1	30
Fluorene	80.0	79.2		ug/L		99	64 - 108	2	30
Hexachlorobenzene	80.0	77.3		ug/L		97	59 - 129	2	30
Hexachlorobutadiene	80.0	62.2		ug/L		78	33 - 98	1	30
Hexachlorocyclopentadiene	80.0	57.7		ug/L		72	14 - 97	1	30
Hexachloroethane	80.0	58.6		ug/L		73	27 - 94	2	30
Indeno[1,2,3-cd]pyrene	80.0	82.1		ug/L		103	55 - 139	2	30
Isophorone	80.0	71.9		ug/L		90	64 - 113	0	30
Naphthalene	80.0	69.0		ug/L		86	56 - 99	1	30
Nitrobenzene	80.0	77.4		ug/L		97	67 - 109	1	30
N-Nitrosodi-n-propylamine	80.0	69.8		ug/L		87	60 - 111	1	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-720639/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 720701
Prep Batch: 720639

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Nitrosodiphenylamine			80.0	74.3		ug/L		93	67 - 110	1	30
Phenanthrene			80.0	73.9		ug/L		92	69 - 108	1	30
Pyrene			80.0	73.5		ug/L		92	66 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*92*		*42 - 127*
Nitrobenzene-d5 (Surr)	*89*		*46 - 137*
Terphenyl-d14 (Surr)	*99*		*39 - 150*

Lab Sample ID: 460-217132-F-1-A MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 720701
Prep Batch: 720639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.64	U	80.0	59.9		ug/L		75	45 - 98
1,2-Dichlorobenzene	1.3	U	80.0	56.6		ug/L		71	41 - 93
1,3-Dichlorobenzene	2.0	U	80.0	53.0		ug/L		66	35 - 93
1,4-Dichlorobenzene	1.3	U	80.0	54.2		ug/L		68	37 - 93
1,4-Dioxane	1.6	U	80.0	35.5		ug/L		44	29 - 68
2,2'-oxybis[1-chloropropane]	0.63	U	80.0	50.9		ug/L		64	38 - 124
2,4-Dinitrotoluene	1.0	U	80.0	68.4		ug/L		85	63 - 122
2,6-Dinitrotoluene	0.83	U	80.0	66.5		ug/L		83	71 - 118
2-Chloronaphthalene	1.2	U	80.0	63.0		ug/L		79	57 - 102
2-Methylnaphthalene	1.1	U	80.0	65.2		ug/L		82	57 - 103
2-Nitroaniline	0.47	U	80.0	53.2		ug/L		67	54 - 123
3,3'-Dichlorobenzidine	1.4	U	80.0	49.0		ug/L		61	59 - 125
3-Nitroaniline	1.9	U	80.0	57.2		ug/L		72	57 - 110
4-Bromophenyl phenyl ether	0.75	U	80.0	66.2		ug/L		83	65 - 115
4-Chloroaniline	1.9	U	80.0	57.1		ug/L		71	43 - 105
4-Chlorophenyl phenyl ether	1.3	U	80.0	63.2		ug/L		79	60 - 113
4-Nitroaniline	1.2	U	80.0	48.6		ug/L		61	52 - 122
Acenaphthene	1.1	U	80.0	64.5		ug/L		81	54 - 108
Acenaphthylene	0.82	U	80.0	67.2		ug/L		84	64 - 102
Anthracene	0.63	U	80.0	62.4		ug/L		78	69 - 110
Benzo[a]anthracene	0.59	U	80.0	58.2		ug/L		73	71 - 114
Benzo[a]pyrene	0.41	U	80.0	72.7		ug/L		91	67 - 106
Benzo[b]fluoranthene	0.68	U	80.0	71.5		ug/L		89	65 - 113
Benzo[g,h,i]perylene	1.4	U	80.0	63.4		ug/L		79	48 - 145
Benzo[k]fluoranthene	0.67	U	80.0	73.8		ug/L		92	66 - 116
Bis(2-chloroethoxy)methane	0.59	U	80.0	59.5		ug/L		74	64 - 114
Bis(2-chloroethyl)ether	0.63	U	80.0	59.8		ug/L		75	57 - 112
Bis(2-ethylhexyl) phthalate	1.7	U	80.0	64.1		ug/L		80	60 - 135
Butyl benzyl phthalate	1.4	J	80.0	63.2		ug/L		77	63 - 126
Carbazole	0.68	U	80.0	62.1		ug/L		78	68 - 113
Chrysene	0.91	U	80.0	61.0		ug/L		76	74 - 122
Dibenz(a,h)anthracene	0.72	U	80.0	69.7		ug/L		87	57 - 144
Dibenzofuran	1.1	U	80.0	66.3		ug/L		83	65 - 104
Diethyl phthalate	0.98	U	80.0	65.2		ug/L		81	65 - 105

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-217132-F-1-A MS
Matrix: Water
Analysis Batch: 720701

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dimethyl phthalate	0.77	U	80.0	66.5		ug/L		83	68 - 105
Di-n-butyl phthalate	0.84	U	80.0	61.0		ug/L		76	66 - 113
Di-n-octyl phthalate	4.8	U	80.0	66.7		ug/L		83	40 - 133
Fluoranthene	0.84	U	80.0	60.4		ug/L		76	66 - 116
Fluorene	0.91	U	80.0	68.4		ug/L		85	64 - 108
Hexachlorobenzene	0.40	U	80.0	66.4		ug/L		83	59 - 129
Hexachlorobutadiene	0.78	U	80.0	57.3		ug/L		72	33 - 98
Hexachlorocyclopentadiene	3.6	U	80.0	55.2		ug/L		69	14 - 97
Hexachloroethane	0.80	U	80.0	54.6		ug/L		68	27 - 94
Indeno[1,2,3-cd]pyrene	0.94	U	80.0	67.7		ug/L		85	55 - 139
Isophorone	0.80	U	80.0	62.7		ug/L		78	64 - 113
Naphthalene	1.1	U	80.0	62.8		ug/L		79	56 - 99
Nitrobenzene	0.57	U	80.0	72.9		ug/L		91	67 - 109
N-Nitrosodi-n-propylamine	0.43	U	80.0	60.9		ug/L		76	60 - 111
N-Nitrosodiphenylamine	0.89	U	80.0	62.4		ug/L		78	67 - 110
Phenanthrene	0.58	U	80.0	63.3		ug/L		79	69 - 108
Pyrene	1.6	U	80.0	65.3		ug/L		82	66 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*54*		*42 - 127*
Nitrobenzene-d5 (Surr)	*52*		*46 - 137*
Terphenyl-d14 (Surr)	*58*		*39 - 150*

Lab Sample ID: 460-217132-G-1-A MSD
Matrix: Water
Analysis Batch: 720701

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.64	U	80.0	71.4		ug/L		89	45 - 98	17	30
1,2-Dichlorobenzene	1.3	U	80.0	67.3		ug/L		84	41 - 93	17	30
1,3-Dichlorobenzene	2.0	U	80.0	63.5		ug/L		79	35 - 93	18	30
1,4-Dichlorobenzene	1.3	U	80.0	65.3		ug/L		82	37 - 93	19	30
1,4-Dioxane	1.6	U	80.0	43.1		ug/L		54	29 - 68	19	30
2,2'-oxybis[1-chloropropane]	0.63	U	80.0	59.8		ug/L		75	38 - 124	16	30
2,4-Dinitrotoluene	1.0	U	80.0	78.7		ug/L		98	63 - 122	14	30
2,6-Dinitrotoluene	0.83	U	80.0	78.4		ug/L		98	71 - 118	16	30
2-Chloronaphthalene	1.2	U	80.0	72.4		ug/L		90	57 - 102	14	30
2-Methylnaphthalene	1.1	U	80.0	75.5		ug/L		94	57 - 103	15	30
2-Nitroaniline	0.47	U	80.0	62.4		ug/L		78	54 - 123	16	30
3,3'-Dichlorobenzidine	1.4	U	80.0	57.1		ug/L		71	59 - 125	15	30
3-Nitroaniline	1.9	U	80.0	68.5		ug/L		86	57 - 110	18	30
4-Bromophenyl phenyl ether	0.75	U	80.0	76.6		ug/L		96	65 - 115	15	30
4-Chloroaniline	1.9	U	80.0	68.2		ug/L		85	43 - 105	18	30
4-Chlorophenyl phenyl ether	1.3	U	80.0	72.9		ug/L		91	60 - 113	14	30
4-Nitroaniline	1.2	U	80.0	57.8		ug/L		72	52 - 122	17	30
Acenaphthene	1.1	U	80.0	74.7		ug/L		93	54 - 108	15	30
Acenaphthylene	0.82	U	80.0	77.7		ug/L		97	64 - 102	15	30
Anthracene	0.63	U	80.0	73.8		ug/L		92	69 - 110	17	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-217132-G-1-A MSD
Matrix: Water
Analysis Batch: 720701

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[a]anthracene	0.59	U	80.0	64.8		ug/L		81	71 - 114	11	30
Benzo[a]pyrene	0.41	U	80.0	82.6		ug/L		103	67 - 106	13	30
Benzo[b]fluoranthene	0.68	U	80.0	82.2		ug/L		103	65 - 113	14	30
Benzo[g,h,i]perylene	1.4	U	80.0	72.4		ug/L		91	48 - 145	13	30
Benzo[k]fluoranthene	0.67	U	80.0	83.2		ug/L		104	66 - 116	12	30
Bis(2-chloroethoxy)methane	0.59	U	80.0	69.0		ug/L		86	64 - 114	15	30
Bis(2-chloroethyl)ether	0.63	U	80.0	68.4		ug/L		85	57 - 112	13	30
Bis(2-ethylhexyl) phthalate	1.7	U	80.0	73.6		ug/L		92	60 - 135	14	30
Butyl benzyl phthalate	1.4	J	80.0	71.7		ug/L		88	63 - 126	13	30
Carbazole	0.68	U	80.0	72.9		ug/L		91	68 - 113	16	30
Chrysene	0.91	U	80.0	68.8		ug/L		86	74 - 122	12	30
Dibenz(a,h)anthracene	0.72	U	80.0	77.8		ug/L		97	57 - 144	11	30
Dibenzofuran	1.1	U	80.0	75.7		ug/L		95	65 - 104	13	30
Diethyl phthalate	0.98	U	80.0	75.5		ug/L		94	65 - 105	15	30
Dimethyl phthalate	0.77	U	80.0	76.8		ug/L		96	68 - 105	14	30
Di-n-butyl phthalate	0.84	U	80.0	72.4		ug/L		91	66 - 113	17	30
Di-n-octyl phthalate	4.8	U	80.0	77.7		ug/L		97	40 - 133	15	30
Fluoranthene	0.84	U	80.0	71.0		ug/L		89	66 - 116	16	30
Fluorene	0.91	U	80.0	78.8		ug/L		99	64 - 108	14	30
Hexachlorobenzene	0.40	U	80.0	79.1		ug/L		99	59 - 129	17	30
Hexachlorobutadiene	0.78	U	80.0	68.5		ug/L		86	33 - 98	18	30
Hexachlorocyclopentadiene	3.6	U	80.0	62.4		ug/L		78	14 - 97	12	30
Hexachloroethane	0.80	U	80.0	67.3		ug/L		84	27 - 94	21	30
Indeno[1,2,3-cd]pyrene	0.94	U	80.0	77.3		ug/L		97	55 - 139	13	30
Isophorone	0.80	U	80.0	73.1		ug/L		91	64 - 113	15	30
Naphthalene	1.1	U	80.0	73.4		ug/L		92	56 - 99	16	30
Nitrobenzene	0.57	U	80.0	83.4		ug/L		104	67 - 109	13	30
N-Nitrosodi-n-propylamine	0.43	U	80.0	70.4		ug/L		88	60 - 111	14	30
N-Nitrosodiphenylamine	0.89	U	80.0	73.8		ug/L		92	67 - 110	17	30
Phenanthrene	0.58	U	80.0	73.4		ug/L		92	69 - 108	15	30
Pyrene	1.6	U	80.0	72.6		ug/L		91	66 - 121	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*42 - 127*
Nitrobenzene-d5 (Surr)	*61*		*46 - 137*
Terphenyl-d14 (Surr)	*66*		*39 - 150*

Lab Sample ID: MB 460-720963/1-A
Matrix: Solid
Analysis Batch: 721108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
1,2-Dichlorobenzene	0.0056	U	0.33	0.0056	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
1,4-Dioxane	0.0091	U	0.10	0.0091	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		08/31/20 22:00	09/01/20 14:00	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-720963/1-A
Matrix: Solid
Analysis Batch: 721108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
3-Nitroaniline	0.037	U	0.33	0.037	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
4-Chloroaniline	0.023	U	0.33	0.023	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Acenaphthene	0.024	U	0.33	0.024	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Acenaphthylene	0.0034	U	0.33	0.0034	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Dibenzofuran	0.0046	U	0.33	0.0046	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Di-n-butyl phthalate	0.058	U	0.33	0.058	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Nitrobenzene	0.0079	U	0.033	0.0079	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		08/31/20 22:00	09/01/20 14:00	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		08/31/20 22:00	09/01/20 14:00	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.591*	*A J*	*mg/Kg*		*2.97*		*08/31/20 22:00*	*09/01/20 14:00*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-720963/1-A
Matrix: Solid
Analysis Batch: 721108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720963

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		25 - 104	08/31/20 22:00	09/01/20 14:00	1
Nitrobenzene-d5 (Surr)	75		19 - 105	08/31/20 22:00	09/01/20 14:00	1
Terphenyl-d14 (Surr)	86		25 - 127	08/31/20 22:00	09/01/20 14:00	1

Lab Sample ID: LCS 460-720963/2-A
Matrix: Solid
Analysis Batch: 721108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3.33	2.50		mg/Kg		75	63 - 107
1,2-Dichlorobenzene	3.33	2.38		mg/Kg		71	60 - 100
1,3-Dichlorobenzene	3.33	2.29		mg/Kg		69	59 - 99
1,4-Dichlorobenzene	3.33	2.30		mg/Kg		69	60 - 100
1,4-Dioxane	3.33	1.68		mg/Kg		51	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	2.47		mg/Kg		74	49 - 109
2,4-Dinitrotoluene	3.33	2.67		mg/Kg		80	65 - 124
2,6-Dinitrotoluene	3.33	2.64		mg/Kg		79	67 - 121
2-Chloronaphthalene	3.33	2.51		mg/Kg		75	65 - 109
2-Methylnaphthalene	3.33	2.47		mg/Kg		74	64 - 108
2-Nitroaniline	3.33	2.46		mg/Kg		74	59 - 119
3,3'-Dichlorobenzidine	3.33	1.83		mg/Kg		55	4 - 119
3-Nitroaniline	3.33	2.41		mg/Kg		72	31 - 102
4-Bromophenyl phenyl ether	3.33	2.50		mg/Kg		75	67 - 113
4-Chloroaniline	3.33	2.15		mg/Kg		65	20 - 98
4-Chlorophenyl phenyl ether	3.33	2.62		mg/Kg		79	66 - 110
4-Nitroaniline	3.33	2.42		mg/Kg		73	50 - 110
Acenaphthene	3.33	2.53		mg/Kg		76	53 - 110
Acenaphthylene	3.33	2.57		mg/Kg		77	64 - 108
Anthracene	3.33	2.41		mg/Kg		72	67 - 114
Benzo[a]anthracene	3.33	2.33		mg/Kg		70	67 - 115
Benzo[a]pyrene	3.33	2.71		mg/Kg		81	63 - 108
Benzo[b]fluoranthene	3.33	2.76		mg/Kg		83	64 - 116
Benzo[g,h,i]perylene	3.33	2.75		mg/Kg		83	61 - 113
Benzo[k]fluoranthene	3.33	2.60		mg/Kg		78	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.42		mg/Kg		72	62 - 107
Bis(2-chloroethyl)ether	3.33	2.42		mg/Kg		73	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	2.35		mg/Kg		71	69 - 124
Butyl benzyl phthalate	3.33	2.42		mg/Kg		72	70 - 123
Carbazole	3.33	2.37		mg/Kg		71	64 - 113
Chrysene	3.33	2.41		mg/Kg		72	71 - 122
Dibenz(a,h)anthracene	3.33	2.82		mg/Kg		85	66 - 119
Dibenzofuran	3.33	2.58		mg/Kg		77	65 - 108
Diethyl phthalate	3.33	2.52		mg/Kg		76	63 - 109
Dimethyl phthalate	3.33	2.56		mg/Kg		77	65 - 109
Di-n-butyl phthalate	3.33	2.37		mg/Kg		71	66 - 114
Di-n-octyl phthalate	3.33	2.65		mg/Kg		79	65 - 122
Fluoranthene	3.33	2.37		mg/Kg		71	64 - 113
Fluorene	3.33	2.55		mg/Kg		76	65 - 109

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-720963/2-A
Matrix: Solid
Analysis Batch: 721108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720963

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hexachlorobenzene			3.33	2.45		mg/Kg		74	70 - 119		
Hexachlorobutadiene			3.33	2.54		mg/Kg		76	62 - 109		
Hexachlorocyclopentadiene			3.33	2.54		mg/Kg		76	22 - 124		
Hexachloroethane			3.33	2.38		mg/Kg		71	61 - 102		
Indeno[1,2,3-cd]pyrene			3.33	2.80		mg/Kg		84	62 - 121		
Isophorone			3.33	2.48		mg/Kg		74	63 - 107		
Naphthalene			3.33	2.41		mg/Kg		72	63 - 106		
Nitrobenzene			3.33	2.46		mg/Kg		74	63 - 110		
N-Nitrosodi-n-propylamine			3.33	2.44		mg/Kg		73	61 - 108		
N-Nitrosodiphenylamine			3.33	2.40		mg/Kg		72	67 - 113		
Phenanthrene			3.33	2.43		mg/Kg		73	66 - 112		
Pyrene			3.33	2.48		mg/Kg		74	71 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*25 - 104*
Nitrobenzene-d5 (Surr)	*72*		*19 - 105*
Terphenyl-d14 (Surr)	*85*		*25 - 127*

Lab Sample ID: LCSD 460-720963/3-A
Matrix: Solid
Analysis Batch: 721108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720963

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			3.33	2.47		mg/Kg		74	63 - 107	1	30
1,2-Dichlorobenzene			3.33	2.33		mg/Kg		70	60 - 100	2	30
1,3-Dichlorobenzene			3.33	2.30		mg/Kg		69	59 - 99	0	30
1,4-Dichlorobenzene			3.33	2.29		mg/Kg		69	60 - 100	0	30
1,4-Dioxane			3.33	1.68		mg/Kg		50	31 - 81	1	30
2,2'-oxybis[1-chloropropane]			3.33	2.41		mg/Kg		72	49 - 109	2	30
2,4-Dinitrotoluene			3.33	2.55		mg/Kg		77	65 - 124	5	30
2,6-Dinitrotoluene			3.33	2.56		mg/Kg		77	67 - 121	3	30
2-Chloronaphthalene			3.33	2.47		mg/Kg		74	65 - 109	1	30
2-Methylnaphthalene			3.33	2.43		mg/Kg		73	64 - 108	2	30
2-Nitroaniline			3.33	2.44		mg/Kg		73	59 - 119	1	30
3,3'-Dichlorobenzidine			3.33	1.88		mg/Kg		56	4 - 119	3	30
3-Nitroaniline			3.33	2.37		mg/Kg		71	31 - 102	1	30
4-Bromophenyl phenyl ether			3.33	2.54		mg/Kg		76	67 - 113	2	30
4-Chloroaniline			3.33	2.14		mg/Kg		64	20 - 98	0	30
4-Chlorophenyl phenyl ether			3.33	2.57		mg/Kg		77	66 - 110	2	30
4-Nitroaniline			3.33	2.39		mg/Kg		72	50 - 110	1	30
Acenaphthene			3.33	2.50		mg/Kg		75	53 - 110	1	30
Acenaphthylene			3.33	2.52		mg/Kg		75	64 - 108	2	30
Anthracene			3.33	2.42		mg/Kg		73	67 - 114	1	30
Benzo[a]anthracene			3.33	2.32		mg/Kg		70	67 - 115	0	30
Benzo[a]pyrene			3.33	2.70		mg/Kg		81	63 - 108	0	30
Benzo[b]fluoranthene			3.33	2.77		mg/Kg		83	64 - 116	0	30
Benzo[g,h,i]perylene			3.33	2.81		mg/Kg		84	61 - 113	2	30
Benzo[k]fluoranthene			3.33	2.55		mg/Kg		76	67 - 115	2	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-720963/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 721108
Prep Batch: 720963

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane			3.33	2.35		mg/Kg		71	62 - 107	3	30
Bis(2-chloroethyl)ether			3.33	2.43		mg/Kg		73	60 - 107	0	30
Bis(2-ethylhexyl) phthalate			3.33	2.33		mg/Kg		70	69 - 124	1	30
Butyl benzyl phthalate			3.33	2.40		mg/Kg		72	70 - 123	1	30
Carbazole			3.33	2.37		mg/Kg		71	64 - 113	0	30
Chrysene			3.33	2.45		mg/Kg		74	71 - 122	2	30
Dibenz(a,h)anthracene			3.33	2.85		mg/Kg		85	66 - 119	1	30
Dibenzofuran			3.33	2.50		mg/Kg		75	65 - 108	3	30
Diethyl phthalate			3.33	2.45		mg/Kg		74	63 - 109	3	30
Dimethyl phthalate			3.33	2.47		mg/Kg		74	65 - 109	4	30
Di-n-butyl phthalate			3.33	2.35		mg/Kg		70	66 - 114	1	30
Di-n-octyl phthalate			3.33	2.64		mg/Kg		79	65 - 122	0	30
Fluoranthene			3.33	2.35		mg/Kg		71	64 - 113	1	30
Fluorene			3.33	2.48		mg/Kg		74	65 - 109	3	30
Hexachlorobenzene			3.33	2.48		mg/Kg		74	70 - 119	1	30
Hexachlorobutadiene			3.33	2.44		mg/Kg		73	62 - 109	4	30
Hexachlorocyclopentadiene			3.33	2.48		mg/Kg		74	22 - 124	2	30
Hexachloroethane			3.33	2.28		mg/Kg		68	61 - 102	4	30
Indeno[1,2,3-cd]pyrene			3.33	2.83		mg/Kg		85	62 - 121	1	30
Isophorone			3.33	2.40		mg/Kg		72	63 - 107	3	30
Naphthalene			3.33	2.39		mg/Kg		72	63 - 106	1	30
Nitrobenzene			3.33	2.51		mg/Kg		75	63 - 110	2	30
N-Nitrosodi-n-propylamine			3.33	2.41		mg/Kg		72	61 - 108	1	30
N-Nitrosodiphenylamine			3.33	2.44		mg/Kg		73	67 - 113	2	30
Phenanthrene			3.33	2.45		mg/Kg		73	66 - 112	1	30
Pyrene			3.33	2.49		mg/Kg		75	71 - 122	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*25 - 104*
Nitrobenzene-d5 (Surr)	*72*		*19 - 105*
Terphenyl-d14 (Surr)	*86*		*25 - 127*

Lab Sample ID: MB 460-721059/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 721182
Prep Batch: 721059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.64	U	2.0	0.64	ug/L		09/01/20 09:47	09/01/20 19:35	1
1,2-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 19:35	1
1,3-Dichlorobenzene	2.0	U	10	2.0	ug/L		09/01/20 09:47	09/01/20 19:35	1
1,4-Dichlorobenzene	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 19:35	1
1,4-Dioxane	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 19:35	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 19:35	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		09/01/20 09:47	09/01/20 19:35	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		09/01/20 09:47	09/01/20 19:35	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 19:35	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 19:35	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		09/01/20 09:47	09/01/20 19:35	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-721059/1-A
Matrix: Water
Analysis Batch: 721182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 19:35	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 19:35	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		09/01/20 09:47	09/01/20 19:35	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		09/01/20 09:47	09/01/20 19:35	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		09/01/20 09:47	09/01/20 19:35	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		09/01/20 09:47	09/01/20 19:35	1
Acenaphthene	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 19:35	1
Acenaphthylene	0.82	U	10	0.82	ug/L		09/01/20 09:47	09/01/20 19:35	1
Anthracene	0.63	U	10	0.63	ug/L		09/01/20 09:47	09/01/20 19:35	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		09/01/20 09:47	09/01/20 19:35	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		09/01/20 09:47	09/01/20 19:35	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		09/01/20 09:47	09/01/20 19:35	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		09/01/20 09:47	09/01/20 19:35	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		09/01/20 09:47	09/01/20 19:35	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		09/01/20 09:47	09/01/20 19:35	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		09/01/20 09:47	09/01/20 19:35	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		09/01/20 09:47	09/01/20 19:35	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		09/01/20 09:47	09/01/20 19:35	1
Carbazole	0.68	U	10	0.68	ug/L		09/01/20 09:47	09/01/20 19:35	1
Chrysene	0.91	U	2.0	0.91	ug/L		09/01/20 09:47	09/01/20 19:35	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		09/01/20 09:47	09/01/20 19:35	1
Dibenzofuran	1.1	U	10	1.1	ug/L		09/01/20 09:47	09/01/20 19:35	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		09/01/20 09:47	09/01/20 19:35	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		09/01/20 09:47	09/01/20 19:35	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 19:35	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		09/01/20 09:47	09/01/20 19:35	1
Fluoranthene	0.84	U	10	0.84	ug/L		09/01/20 09:47	09/01/20 19:35	1
Fluorene	0.91	U	10	0.91	ug/L		09/01/20 09:47	09/01/20 19:35	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		09/01/20 09:47	09/01/20 19:35	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		09/01/20 09:47	09/01/20 19:35	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		09/01/20 09:47	09/01/20 19:35	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		09/01/20 09:47	09/01/20 19:35	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		09/01/20 09:47	09/01/20 19:35	1
Isophorone	0.80	U	10	0.80	ug/L		09/01/20 09:47	09/01/20 19:35	1
Naphthalene	1.1	U	2.0	1.1	ug/L		09/01/20 09:47	09/01/20 19:35	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		09/01/20 09:47	09/01/20 19:35	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		09/01/20 09:47	09/01/20 19:35	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		09/01/20 09:47	09/01/20 19:35	1
Phenanthrene	0.58	U	10	0.58	ug/L		09/01/20 09:47	09/01/20 19:35	1
Pyrene	1.6	U	10	1.6	ug/L		09/01/20 09:47	09/01/20 19:35	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/01/20 09:47*	*09/01/20 19:35*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*42 - 127*	*09/01/20 09:47*	*09/01/20 19:35*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 137*	*09/01/20 09:47*	*09/01/20 19:35*	*1*
Terphenyl-d14 (Surr)	*92*		*39 - 150*	*09/01/20 09:47*	*09/01/20 19:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 460-721059/2-A
Matrix: Water
Analysis Batch: 721182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	80.0	65.9		ug/L		82	45 - 98
1,2-Dichlorobenzene	80.0	63.8		ug/L		80	41 - 93
1,3-Dichlorobenzene	80.0	58.7		ug/L		73	35 - 93
1,4-Dichlorobenzene	80.0	60.1		ug/L		75	37 - 93
1,4-Dioxane	80.0	41.3		ug/L		52	29 - 68
2,2'-oxybis[1-chloropropane]	80.0	62.8		ug/L		79	38 - 124
2,4-Dinitrotoluene	80.0	92.7		ug/L		116	63 - 122
2,6-Dinitrotoluene	80.0	88.8		ug/L		111	71 - 118
2-Chloronaphthalene	80.0	71.8		ug/L		90	57 - 102
2-Methylnaphthalene	80.0	72.8		ug/L		91	57 - 103
2-Nitroaniline	80.0	75.5		ug/L		94	54 - 123
3,3'-Dichlorobenzidine	80.0	83.3		ug/L		104	59 - 125
3-Nitroaniline	80.0	81.5		ug/L		102	57 - 110
4-Bromophenyl phenyl ether	80.0	74.3		ug/L		93	65 - 115
4-Chloroaniline	80.0	70.6		ug/L		88	43 - 105
4-Chlorophenyl phenyl ether	80.0	76.3		ug/L		95	60 - 113
4-Nitroaniline	80.0	88.1		ug/L		110	52 - 122
Acenaphthene	80.0	77.1		ug/L		96	54 - 108
Acenaphthylene	80.0	76.3		ug/L		95	64 - 102
Anthracene	80.0	75.4		ug/L		94	69 - 110
Benzo[a]anthracene	80.0	73.3		ug/L		92	71 - 114
Benzo[a]pyrene	80.0	83.2		ug/L		104	67 - 106
Benzo[b]fluoranthene	80.0	81.9		ug/L		102	65 - 113
Benzo[g,h,i]perylene	80.0	89.2		ug/L		112	48 - 145
Benzo[k]fluoranthene	80.0	85.9		ug/L		107	66 - 116
Bis(2-chloroethoxy)methane	80.0	73.3		ug/L		92	64 - 114
Bis(2-chloroethyl)ether	80.0	71.3		ug/L		89	57 - 112
Bis(2-ethylhexyl) phthalate	80.0	83.8		ug/L		105	60 - 135
Butyl benzyl phthalate	80.0	75.1		ug/L		94	63 - 126
Carbazole	80.0	78.6		ug/L		98	68 - 113
Chrysene	80.0	73.3		ug/L		92	74 - 122
Dibenz(a,h)anthracene	80.0	92.1		ug/L		115	57 - 144
Dibenzofuran	80.0	76.3		ug/L		95	65 - 104
Diethyl phthalate	80.0	77.2		ug/L		96	65 - 105
Dimethyl phthalate	80.0	79.3		ug/L		99	68 - 105
Di-n-butyl phthalate	80.0	76.6		ug/L		96	66 - 113
Di-n-octyl phthalate	80.0	88.2		ug/L		110	40 - 133
Fluoranthene	80.0	82.7		ug/L		103	66 - 116
Fluorene	80.0	77.0		ug/L		96	64 - 108
Hexachlorobenzene	80.0	78.2		ug/L		98	59 - 129
Hexachlorobutadiene	80.0	39.2		ug/L		49	33 - 98
Hexachlorocyclopentadiene	80.0	39.7		ug/L		50	14 - 97
Hexachloroethane	80.0	42.9		ug/L		54	27 - 94
Indeno[1,2,3-cd]pyrene	80.0	93.8		ug/L		117	55 - 139
Isophorone	80.0	76.1		ug/L		95	64 - 113
Naphthalene	80.0	72.6		ug/L		91	56 - 99
Nitrobenzene	80.0	76.6		ug/L		96	67 - 109
N-Nitrosodi-n-propylamine	80.0	70.1		ug/L		88	60 - 111

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-721059/2-A
Matrix: Water
Analysis Batch: 721182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodiphenylamine	80.0	74.5		ug/L		93	67 - 110
Phenanthrene	80.0	75.2		ug/L		94	69 - 108
Pyrene	80.0	62.0		ug/L		78	66 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*42 - 127*
Nitrobenzene-d5 (Surr)	*90*		*46 - 137*
Terphenyl-d14 (Surr)	*89*		*39 - 150*

Lab Sample ID: LCSD 460-721059/3-A
Matrix: Water
Analysis Batch: 721182

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721059

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	80.0	66.4		ug/L		83	45 - 98	1	30
1,2-Dichlorobenzene	80.0	62.9		ug/L		79	41 - 93	1	30
1,3-Dichlorobenzene	80.0	57.6		ug/L		72	35 - 93	2	30
1,4-Dichlorobenzene	80.0	59.4		ug/L		74	37 - 93	1	30
1,4-Dioxane	80.0	41.6		ug/L		52	29 - 68	1	30
2,2'-oxybis[1-chloropropane]	80.0	62.6		ug/L		78	38 - 124	0	30
2,4-Dinitrotoluene	80.0	95.4		ug/L		119	63 - 122	3	30
2,6-Dinitrotoluene	80.0	87.6		ug/L		109	71 - 118	1	30
2-Chloronaphthalene	80.0	71.3		ug/L		89	57 - 102	1	30
2-Methylnaphthalene	80.0	73.1		ug/L		91	57 - 103	0	30
2-Nitroaniline	80.0	76.8		ug/L		96	54 - 123	2	30
3,3'-Dichlorobenzidine	80.0	85.5		ug/L		107	59 - 125	3	30
3-Nitroaniline	80.0	82.6		ug/L		103	57 - 110	1	30
4-Bromophenyl phenyl ether	80.0	74.9		ug/L		94	65 - 115	1	30
4-Chloroaniline	80.0	71.0		ug/L		89	43 - 105	0	30
4-Chlorophenyl phenyl ether	80.0	76.9		ug/L		96	60 - 113	1	30
4-Nitroaniline	80.0	90.2		ug/L		113	52 - 122	2	30
Acenaphthene	80.0	77.8		ug/L		97	54 - 108	1	30
Acenaphthylene	80.0	75.8		ug/L		95	64 - 102	1	30
Anthracene	80.0	75.9		ug/L		95	69 - 110	1	30
Benzo[a]anthracene	80.0	71.9		ug/L		90	71 - 114	2	30
Benzo[a]pyrene	80.0	82.4		ug/L		103	67 - 106	1	30
Benzo[b]fluoranthene	80.0	82.5		ug/L		103	65 - 113	1	30
Benzo[g,h,i]perylene	80.0	87.8		ug/L		110	48 - 145	2	30
Benzo[k]fluoranthene	80.0	82.2		ug/L		103	66 - 116	4	30
Bis(2-chloroethoxy)methane	80.0	72.9		ug/L		91	64 - 114	1	30
Bis(2-chloroethyl)ether	80.0	70.5		ug/L		88	57 - 112	1	30
Bis(2-ethylhexyl) phthalate	80.0	84.8		ug/L		106	60 - 135	1	30
Butyl benzyl phthalate	80.0	76.4		ug/L		96	63 - 126	2	30
Carbazole	80.0	77.9		ug/L		97	68 - 113	1	30
Chrysene	80.0	75.0		ug/L		94	74 - 122	2	30
Dibenz(a,h)anthracene	80.0	90.1		ug/L		113	57 - 144	2	30
Dibenzofuran	80.0	76.7		ug/L		96	65 - 104	0	30
Diethyl phthalate	80.0	77.8		ug/L		97	65 - 105	1	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-721059/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 721182
Prep Batch: 721059

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dimethyl phthalate			80.0	79.4		ug/L		99	68 - 105	0	30
Di-n-butyl phthalate			80.0	76.4		ug/L		96	66 - 113	0	30
Di-n-octyl phthalate			80.0	88.1		ug/L		110	40 - 133	0	30
Fluoranthene			80.0	83.1		ug/L		104	66 - 116	0	30
Fluorene			80.0	77.5		ug/L		97	64 - 108	1	30
Hexachlorobenzene			80.0	76.7		ug/L		96	59 - 129	2	30
Hexachlorobutadiene			80.0	39.0		ug/L		49	33 - 98	1	30
Hexachlorocyclopentadiene			80.0	39.9		ug/L		50	14 - 97	0	30
Hexachloroethane			80.0	42.2		ug/L		53	27 - 94	2	30
Indeno[1,2,3-cd]pyrene			80.0	92.4		ug/L		116	55 - 139	1	30
Isophorone			80.0	75.4		ug/L		94	64 - 113	1	30
Naphthalene			80.0	72.6		ug/L		91	56 - 99	0	30
Nitrobenzene			80.0	75.6		ug/L		94	67 - 109	1	30
N-Nitrosodi-n-propylamine			80.0	70.7		ug/L		88	60 - 111	1	30
N-Nitrosodiphenylamine			80.0	74.1		ug/L		93	67 - 110	1	30
Phenanthrene			80.0	75.1		ug/L		94	69 - 108	0	30
Pyrene			80.0	62.0		ug/L		78	66 - 121	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*42 - 127*
Nitrobenzene-d5 (Surr)	*90*		*46 - 137*
Terphenyl-d14 (Surr)	*87*		*39 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-719880/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 719895
Prep Batch: 719880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-719880/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 719895
Prep Batch: 719880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 00:25	08/27/20 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*08/27/20 00:25*	*08/27/20 09:40*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*08/27/20 00:25*	*08/27/20 09:40*	*1*
Tetrachloro-m-xylene	*79*		*58 - 145*	*08/27/20 00:25*	*08/27/20 09:40*	*1*
Tetrachloro-m-xylene	*67*		*58 - 145*	*08/27/20 00:25*	*08/27/20 09:40*	*1*

Lab Sample ID: LCS 460-719880/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 719895
Prep Batch: 719880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	0.333	0.321		mg/Kg		96	65 - 133
Aroclor 1016	0.333	0.321		mg/Kg		96	65 - 133
Aroclor 1260	0.333	0.365		mg/Kg		109	71 - 150
Aroclor 1260	0.333	0.375		mg/Kg		112	71 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*10 - 150*
DCB Decachlorobiphenyl	*84*		*10 - 150*
Tetrachloro-m-xylene	*76*		*58 - 145*
Tetrachloro-m-xylene	*70*		*58 - 145*

Lab Sample ID: LCSD 460-719880/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 719895
Prep Batch: 719880

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.324		mg/Kg		97	65 - 133	1	30
Aroclor 1016	0.333	0.357		mg/Kg		107	65 - 133	10	30
Aroclor 1260	0.333	0.378		mg/Kg		113	71 - 150	3	30
Aroclor 1260	0.333	0.388		mg/Kg		116	71 - 150	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*85*		*10 - 150*
DCB Decachlorobiphenyl	*93*		*10 - 150*
Tetrachloro-m-xylene	*78*		*58 - 145*
Tetrachloro-m-xylene	*90*		*58 - 145*

Lab Sample ID: 460-216908-A-1-A MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 719895
Prep Batch: 719880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	0.011	U F1	0.409	0.605	F1	mg/Kg	☼	148	65 - 133
Aroclor 1016	0.011	U F1	0.409	0.682	F1	mg/Kg	☼	167	65 - 133
Aroclor 1260	0.12		0.409	0.639		mg/Kg	☼	127	71 - 150

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-216908-A-1-A MS
Matrix: Solid
Analysis Batch: 719895

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 719880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1260	0.12		0.409	0.614		mg/Kg	☼	121	71 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*10 - 150*
DCB Decachlorobiphenyl	*88*		*10 - 150*
Tetrachloro-m-xylene	*81*		*58 - 145*
Tetrachloro-m-xylene	*74*		*58 - 145*

Lab Sample ID: 460-216908-A-1-B MSD
Matrix: Solid
Analysis Batch: 719895

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 719880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	0.011	U F1	0.409	0.696	F1	mg/Kg	☼	170	65 - 133	14	30
Aroclor 1016	0.011	U F1	0.409	0.634	F1	mg/Kg	☼	155	65 - 133	7	30
Aroclor 1260	0.12		0.409	0.637		mg/Kg	☼	126	71 - 150	0	30
Aroclor 1260	0.12		0.409	0.588		mg/Kg	☼	114	71 - 150	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*10 - 150*
DCB Decachlorobiphenyl	*94*		*10 - 150*
Tetrachloro-m-xylene	*81*		*58 - 145*
Tetrachloro-m-xylene	*90*		*58 - 145*

Lab Sample ID: MB 460-720127/1-A
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-720127/1-A
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/27/20 18:36	08/28/20 05:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*08/27/20 18:36*	*08/28/20 05:51*	*1*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*08/27/20 18:36*	*08/28/20 05:51*	*1*
Tetrachloro-m-xylene	*94*		*58 - 145*	*08/27/20 18:36*	*08/28/20 05:51*	*1*
Tetrachloro-m-xylene	*96*		*58 - 145*	*08/27/20 18:36*	*08/28/20 05:51*	*1*

Lab Sample ID: LCS 460-720127/2-A
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720127

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.320		mg/Kg		96	65 - 133		
Aroclor 1016			0.333	0.340		mg/Kg		102	65 - 133		
Aroclor 1260			0.333	0.314		mg/Kg		94	71 - 150		
Aroclor 1260			0.333	0.319		mg/Kg		96	71 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*10 - 150*
DCB Decachlorobiphenyl	*94*		*10 - 150*
Tetrachloro-m-xylene	*94*		*58 - 145*
Tetrachloro-m-xylene	*98*		*58 - 145*

Lab Sample ID: LCSD 460-720127/3-A
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720127

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.329		mg/Kg		99	65 - 133	3	30
Aroclor 1016			0.333	0.357		mg/Kg		107	65 - 133	5	30
Aroclor 1260			0.333	0.331		mg/Kg		99	71 - 150	5	30
Aroclor 1260			0.333	0.340		mg/Kg		102	71 - 150	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*99*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*100*		*58 - 145*
Tetrachloro-m-xylene	*105*		*58 - 145*

Lab Sample ID: 460-216876-A-1-B MS
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	0.012	U	0.452	0.465		mg/Kg	☼	103	65 - 133		
Aroclor 1016	0.012	U	0.452	0.481		mg/Kg	☼	106	65 - 133		
Aroclor 1260	0.012	U	0.452	0.499		mg/Kg	☼	111	71 - 150		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-216876-A-1-B MS
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1260	0.012	U	0.452	0.415		mg/Kg	☼	92	71 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*106*		*10 - 150*
DCB Decachlorobiphenyl	*92*		*10 - 150*
Tetrachloro-m-xylene	*105*		*58 - 145*
Tetrachloro-m-xylene	*92*		*58 - 145*

Lab Sample ID: 460-216876-A-1-C MSD
Matrix: Solid
Analysis Batch: 720198

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720127

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	0.012	U	0.452	0.480		mg/Kg	☼	106	65 - 133	3	30
Aroclor 1016	0.012	U	0.452	0.503		mg/Kg	☼	111	65 - 133	5	30
Aroclor 1260	0.012	U	0.452	0.497		mg/Kg	☼	110	71 - 150	1	30
Aroclor 1260	0.012	U	0.452	0.440		mg/Kg	☼	97	71 - 150	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*110*		*10 - 150*
DCB Decachlorobiphenyl	*98*		*10 - 150*
Tetrachloro-m-xylene	*108*		*58 - 145*
Tetrachloro-m-xylene	*99*		*58 - 145*

Lab Sample ID: MB 460-720420/1-A
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-720420/1-A
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:11	08/29/20 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*08/28/20 19:11*	*08/29/20 11:19*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*08/28/20 19:11*	*08/29/20 11:19*	*1*
Tetrachloro-m-xylene	*97*		*58 - 145*	*08/28/20 19:11*	*08/29/20 11:19*	*1*
Tetrachloro-m-xylene	*101*		*58 - 145*	*08/28/20 19:11*	*08/29/20 11:19*	*1*

Lab Sample ID: LCS 460-720420/2-A
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720420

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.324		mg/Kg		97	65 - 133		
Aroclor 1016			0.333	0.368		mg/Kg		110	65 - 133		
Aroclor 1260			0.333	0.338		mg/Kg		101	71 - 150		
Aroclor 1260			0.333	0.353		mg/Kg		106	71 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*100*		*58 - 145*
Tetrachloro-m-xylene	*105*		*58 - 145*

Lab Sample ID: LCSD 460-720420/3-A
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720420

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.382		mg/Kg		115	65 - 133	16	30
Aroclor 1016			0.333	0.384		mg/Kg		115	65 - 133	4	30
Aroclor 1260			0.333	0.420		mg/Kg		126	71 - 150	21	30
Aroclor 1260			0.333	0.369		mg/Kg		111	71 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*126*		*10 - 150*
DCB Decachlorobiphenyl	*106*		*10 - 150*
Tetrachloro-m-xylene	*103*		*58 - 145*
Tetrachloro-m-xylene	*109*		*58 - 145*

Lab Sample ID: 460-216932-C-1-G MS
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720420

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	0.011	U	0.409	0.456		mg/Kg	☼	111	65 - 133		
Aroclor 1016	0.011	U	0.409	0.469		mg/Kg	☼	115	65 - 133		
Aroclor 1260	0.011	U	0.409	0.447		mg/Kg	☼	109	71 - 150		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-216932-C-1-G MS
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720420

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1260	0.011	U	0.409	0.425		mg/Kg	☼	104	71 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*110*		*10 - 150*
DCB Decachlorobiphenyl	*99*		*10 - 150*
Tetrachloro-m-xylene	*111*		*58 - 145*
Tetrachloro-m-xylene	*106*		*58 - 145*

Lab Sample ID: 460-216932-C-1-H MSD
Matrix: Solid
Analysis Batch: 720513

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720420

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	0.011	U	0.409	0.448		mg/Kg	☼	110	65 - 133	2	30
Aroclor 1016	0.011	U	0.409	0.448		mg/Kg	☼	110	65 - 133	5	30
Aroclor 1260	0.011	U	0.409	0.449		mg/Kg	☼	110	71 - 150	1	30
Aroclor 1260	0.011	U	0.409	0.412		mg/Kg	☼	101	71 - 150	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*107*		*10 - 150*
DCB Decachlorobiphenyl	*95*		*10 - 150*
Tetrachloro-m-xylene	*108*		*58 - 145*
Tetrachloro-m-xylene	*101*		*58 - 145*

Lab Sample ID: MB 460-720421/1-A
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-720421/1-A
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/28/20 19:18	08/29/20 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*08/28/20 19:18*	*08/29/20 11:34*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*08/28/20 19:18*	*08/29/20 11:34*	*1*
Tetrachloro-m-xylene	*120*		*58 - 145*	*08/28/20 19:18*	*08/29/20 11:34*	*1*
Tetrachloro-m-xylene	*124*		*58 - 145*	*08/28/20 19:18*	*08/29/20 11:34*	*1*

Lab Sample ID: LCS 460-720421/2-A
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720421

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.305		mg/Kg		92	65 - 133		
Aroclor 1016			0.333	0.329		mg/Kg		99	65 - 133		
Aroclor 1260			0.333	0.322		mg/Kg		97	71 - 150		
Aroclor 1260			0.333	0.312		mg/Kg		94	71 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*10 - 150*
DCB Decachlorobiphenyl	*92*		*10 - 150*
Tetrachloro-m-xylene	*91*		*58 - 145*
Tetrachloro-m-xylene	*95*		*58 - 145*

Lab Sample ID: LCSD 460-720421/3-A
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720421

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.352		mg/Kg		105	65 - 133	14	30
Aroclor 1016			0.333	0.377		mg/Kg		113	65 - 133	14	30
Aroclor 1260			0.333	0.377		mg/Kg		113	71 - 150	16	30
Aroclor 1260			0.333	0.365		mg/Kg		110	71 - 150	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 150*
DCB Decachlorobiphenyl	*107*		*10 - 150*
Tetrachloro-m-xylene	*104*		*58 - 145*
Tetrachloro-m-xylene	*109*		*58 - 145*

Lab Sample ID: 460-216985-A-1-B MS
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	0.0098	U F1	0.367	0.463		mg/Kg	☼	126	65 - 133		
Aroclor 1016	0.0098	U F1	0.367	0.499	F1	mg/Kg	☼	136	65 - 133		
Aroclor 1260	0.010	U	0.367	0.487		mg/Kg	☼	133	71 - 150		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-216985-A-1-B MS
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1260	0.010	U	0.367	0.486		mg/Kg	☼	132	71 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*124*		*10 - 150*
DCB Decachlorobiphenyl	*129*		*10 - 150*
Tetrachloro-m-xylene	*122*		*58 - 145*
Tetrachloro-m-xylene	*128*		*58 - 145*

Lab Sample ID: 460-216985-A-1-C MSD
Matrix: Solid
Analysis Batch: 720514

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 720421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	0.0098	U F1	0.367	0.454		mg/Kg	☼	124	65 - 133	2	30
Aroclor 1016	0.0098	U F1	0.367	0.500	F1	mg/Kg	☼	136	65 - 133	0	30
Aroclor 1260	0.010	U	0.367	0.478		mg/Kg	☼	130	71 - 150	2	30
Aroclor 1260	0.010	U	0.367	0.483		mg/Kg	☼	132	71 - 150	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*125*		*10 - 150*
DCB Decachlorobiphenyl	*128*		*10 - 150*
Tetrachloro-m-xylene	*124*		*58 - 145*
Tetrachloro-m-xylene	*131*		*58 - 145*

Lab Sample ID: MB 460-720931/1-A
Matrix: Solid
Analysis Batch: 720992

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.0089	U	0.067	0.0089	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1221	0.0089	U	0.067	0.0089	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1232	0.0089	U	0.067	0.0089	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1242	0.0089	U	0.067	0.0089	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1248	0.0089	U	0.067	0.0089	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1254	0.0092	U	0.067	0.0092	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1260	0.0092	U	0.067	0.0092	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor-1262	0.0092	U	0.067	0.0092	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Aroclor 1268	0.0092	U	0.067	0.0092	mg/Kg		08/31/20 18:11	09/01/20 07:42	1
Polychlorinated biphenyls, Total	0.0092	U	0.067	0.0092	mg/Kg		08/31/20 18:11	09/01/20 07:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*08/31/20 18:11*	*09/01/20 07:42*	*1*
Tetrachloro-m-xylene	*94*		*58 - 145*	*08/31/20 18:11*	*09/01/20 07:42*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 460-720931/2-A
Matrix: Solid
Analysis Batch: 720992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720931

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.329		mg/Kg		99	65 - 133		
Aroclor 1016			0.333	0.361		mg/Kg		108	65 - 133		
Aroclor 1260			0.333	0.355		mg/Kg		107	71 - 150		
Aroclor 1260			0.333	0.345		mg/Kg		104	71 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*10 - 150*
DCB Decachlorobiphenyl	*103*		*10 - 150*
Tetrachloro-m-xylene	*97*		*58 - 145*
Tetrachloro-m-xylene	*102*		*58 - 145*

Lab Sample ID: LCSD 460-720931/3-A
Matrix: Solid
Analysis Batch: 720992

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720931

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.350		mg/Kg		105	65 - 133	6	30
Aroclor 1016			0.333	0.378		mg/Kg		113	65 - 133	4	30
Aroclor 1260			0.333	0.373		mg/Kg		112	71 - 150	5	30
Aroclor 1260			0.333	0.364		mg/Kg		109	71 - 150	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*109*		*10 - 150*
DCB Decachlorobiphenyl	*107*		*10 - 150*
Tetrachloro-m-xylene	*104*		*58 - 145*
Tetrachloro-m-xylene	*109*		*58 - 145*

Lab Sample ID: 460-217095-1 MS
Matrix: Solid
Analysis Batch: 720992

Client Sample ID: SB-12_0-2_20200828
Prep Type: Total/NA
Prep Batch: 720931

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	0.0099	U	0.371	0.445		mg/Kg	☼	120	65 - 133		
Aroclor 1016	0.0099	U	0.371	0.484		mg/Kg	☼	130	65 - 133		
Aroclor 1260	0.010	U	0.371	0.454		mg/Kg	☼	122	71 - 150		
Aroclor 1260	0.010	U	0.371	0.479		mg/Kg	☼	129	71 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*115*		*10 - 150*
DCB Decachlorobiphenyl	*117*		*10 - 150*
Tetrachloro-m-xylene	*115*		*58 - 145*
Tetrachloro-m-xylene	*121*		*58 - 145*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-217095-1 MSD
Matrix: Solid
Analysis Batch: 720992

Client Sample ID: SB-12_0-2_20200828
Prep Type: Total/NA
Prep Batch: 720931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	0.0099	U	0.371	0.409		mg/Kg	☼	110	65 - 133	8	30
Aroclor 1016	0.0099	U	0.371	0.455		mg/Kg	☼	122	65 - 133	6	30
Aroclor 1260	0.010	U	0.371	0.434		mg/Kg	☼	117	71 - 150	5	30
Aroclor 1260	0.010	U	0.371	0.447		mg/Kg	☼	120	71 - 150	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*111*		*10 - 150*
DCB Decachlorobiphenyl	*114*		*10 - 150*
Tetrachloro-m-xylene	*111*		*58 - 145*
Tetrachloro-m-xylene	*118*		*58 - 145*

Lab Sample ID: 460-216563-A-4-E DU
Matrix: Solid
Analysis Batch: 720992

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 720931

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aroclor 1016	0.010	U		0.010	U	mg/Kg	☼			NC	
Aroclor 1221	0.010	U		0.010	U	mg/Kg	☼			NC	
Aroclor 1232	0.010	U		0.010	U	mg/Kg	☼			NC	
Aroclor 1242	0.010	U		0.010	U	mg/Kg	☼			NC	
Aroclor 1248	0.010	U		0.010	U	mg/Kg	☼			NC	
Aroclor 1254	0.011	U		0.011	U	mg/Kg	☼			NC	
Aroclor 1260	0.14			0.202		mg/Kg	☼			36	
Aroclor-1262	0.011	U		0.011	U	mg/Kg	☼			NC	
Aroclor 1268	0.011	U		0.011	U	mg/Kg	☼			NC	
Polychlorinated biphenyls, Total	0.14			0.202		mg/Kg	☼			36	

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
DCB Decachlorobiphenyl	*119*		*10 - 150*
DCB Decachlorobiphenyl	*121*		*10 - 150*
Tetrachloro-m-xylene	*110*		*58 - 145*
Tetrachloro-m-xylene	*114*		*58 - 145*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-720043/1-A
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.6	U	20.0	2.6	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Antimony	0.15	U	1.0	0.15	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Barium	0.15	U	2.0	0.15	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Calcium	17.0	U	100	17.0	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Chromium	0.17	U	2.0	0.17	mg/Kg		08/27/20 14:15	08/27/20 21:00	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-720043/1-A
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.15	U	2.0	0.15	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Copper	0.22	U	2.0	0.22	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Iron	20.2	U	60.0	20.2	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Lead	0.20	U	0.60	0.20	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Magnesium	10.2	U	100	10.2	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Manganese	0.40	U	4.0	0.40	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Nickel	0.19	U	2.0	0.19	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Potassium	11.2	U	100	11.2	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Selenium	0.12	U	1.3	0.12	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Silver	0.089	U	1.0	0.089	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Sodium	15.6	U	100	15.6	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Thallium	0.041	U	0.40	0.041	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		08/27/20 14:15	08/27/20 21:00	1
Zinc	2.3	U	8.0	2.3	mg/Kg		08/27/20 14:15	08/27/20 21:00	1

Lab Sample ID: LCSSRM 460-720043/2-A ^5
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720043

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8460	7436		mg/Kg		87.9	50.4 - 150.1
Antimony	120	75.34		mg/Kg		62.8	4.8 - 195.0
Arsenic	95.5	97.84		mg/Kg		102.5	82.8 - 117.3
Barium	300	299.9		mg/Kg		100	82.3 - 117.7
Beryllium	103	97.81		mg/Kg		95.0	82.8 - 116.5
Cadmium	135	134.1		mg/Kg		99.3	83.0 - 117.8
Calcium	4720	4714		mg/Kg		99.9	81.6 - 118.6
Chromium	147	144.4		mg/Kg		98.2	82.3 - 117.7
Cobalt	43.2	43.80		mg/Kg		101.4	83.8 - 116.2
Copper	150	153.0		mg/Kg		102.0	84.0 - 116.0
Iron	14400	14150		mg/Kg		98.3	61.3 - 138.9
Lead	92.3	91.05		mg/Kg		98.6	83.1 - 117.0
Magnesium	2300	2347		mg/Kg		102.0	75.7 - 124.3
Manganese	677	667.1		mg/Kg		98.5	82.0 - 118.2
Nickel	59.8	61.65		mg/Kg		103.1	82.6 - 117.6
Potassium	2030	1903		mg/Kg		93.8	70.0 - 130.0

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-720043/2-A ^5
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720043

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	42.0	42.21		mg/Kg		100.5	79.5 - 120.5
Silver	40.3	40.42		mg/Kg		100.3	80.6 - 119.4
Sodium	139	156.5	J	mg/Kg		112.6	71.9 - 127.3
Thallium	83.1	81.82		mg/Kg		98.5	81.0 - 119.0
Vanadium	96.9	98.03		mg/Kg		101.2	79.2 - 120.7
Zinc	369	364.5		mg/Kg		98.8	80.8 - 119.2

Lab Sample ID: 460-216793-F-2-G MS
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	14100		462	15480	4	mg/Kg	☼	302	75 - 125
Antimony	0.14	U F1	4.62	1.95	F1	mg/Kg	☼	42	75 - 125
Arsenic	5.1		9.25	13.39		mg/Kg	☼	90	75 - 125
Barium	49.4		9.25	55.80	4	mg/Kg	☼	70	75 - 125
Beryllium	0.54		4.62	4.88		mg/Kg	☼	94	75 - 125
Cadmium	0.11	U	4.62	4.49		mg/Kg	☼	97	75 - 125
Calcium	963		462	1430		mg/Kg	☼	101	75 - 125
Chromium	25.8		9.25	34.75		mg/Kg	☼	97	75 - 125
Cobalt	7.6		4.62	12.00		mg/Kg	☼	95	75 - 125
Copper	14.3		9.25	23.20		mg/Kg	☼	96	75 - 125
Iron	20600		462	21350	4	mg/Kg	☼	165	75 - 125
Lead	62.5		4.62	62.76	4	mg/Kg	☼	5	75 - 125
Magnesium	2750		462	3321	4	mg/Kg	☼	122	75 - 125
Manganese	216		46.2	259.3	4	mg/Kg	☼	94	75 - 125
Nickel	15.2		9.25	24.68		mg/Kg	☼	103	75 - 125
Potassium	744		462	1175		mg/Kg	☼	93	75 - 125
Selenium	0.41	J	9.25	8.09		mg/Kg	☼	83	75 - 125
Silver	0.085	U	4.62	4.30		mg/Kg	☼	93	75 - 125
Sodium	225		462	671.3		mg/Kg	☼	96	75 - 125
Thallium	0.14	J	3.70	3.58		mg/Kg	☼	93	75 - 125
Vanadium	31.2		9.25	40.17		mg/Kg	☼	97	75 - 125
Zinc	80.8		46.2	127.2		mg/Kg	☼	100	75 - 125

Lab Sample ID: 460-216793-A-2-E DU
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 720043

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	14100		13850		mg/Kg	☼	2	20
Antimony	0.14	U F1	0.13	U	mg/Kg	☼	NC	20
Arsenic	5.1		4.90		mg/Kg	☼	4	20
Barium	49.4		47.91		mg/Kg	☼	3	20
Beryllium	0.54		0.541		mg/Kg	☼	0.2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-216793-A-2-E DU
Matrix: Solid
Analysis Batch: 720093

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 720043

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cadmium	0.11	U		0.10	U	mg/Kg	☼			NC	20
Calcium	963			1080		mg/Kg	☼			11	20
Chromium	25.8			24.66		mg/Kg	☼			5	20
Cobalt	7.6			7.97		mg/Kg	☼			5	20
Copper	14.3			15.79		mg/Kg	☼			10	20
Iron	20600			20090		mg/Kg	☼			2	20
Lead	62.5			57.30		mg/Kg	☼			9	20
Magnesium	2750			2739		mg/Kg	☼			0.6	20
Manganese	216			220.7		mg/Kg	☼			2	20
Nickel	15.2			15.25		mg/Kg	☼			0.5	20
Potassium	744			715.0		mg/Kg	☼			4	20
Selenium	0.41	J		0.389	J	mg/Kg	☼			5	20
Silver	0.085	U		0.082	U	mg/Kg	☼			NC	20
Sodium	225			238.6		mg/Kg	☼			6	20
Thallium	0.14	J		0.134	J	mg/Kg	☼			1	20
Vanadium	31.2			30.72		mg/Kg	☼			1	20
Zinc	80.8			74.32		mg/Kg	☼			8	20

Lab Sample ID: MB 460-720329/1-A
Matrix: Solid
Analysis Batch: 720330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.6	U	20.0	2.6	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Antimony	0.15	U	1.0	0.15	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Barium	0.15	U	2.0	0.15	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Calcium	17.0	U	100	17.0	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Chromium	0.17	U	2.0	0.17	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Copper	0.22	U	2.0	0.22	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Iron	20.2	U	60.0	20.2	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Lead	0.20	U	0.60	0.20	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Magnesium	10.2	U	100	10.2	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Manganese	0.40	U	4.0	0.40	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Nickel	0.19	U	2.0	0.19	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Potassium	11.2	U	100	11.2	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Selenium	0.12	U	1.3	0.12	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Silver	0.089	U	1.0	0.089	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Sodium	15.6	U	100	15.6	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Thallium	0.041	U	0.40	0.041	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		08/28/20 14:55	08/28/20 19:10	1
Zinc	2.3	U	8.0	2.3	mg/Kg		08/28/20 14:55	08/28/20 19:10	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-720329/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720330
Prep Batch: 720329

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8460	7012		mg/Kg		82.9	50.4 - 150.1
Antimony	120	63.22		mg/Kg		52.7	4.8 - 195.0
Arsenic	95.5	97.64		mg/Kg		102.2	82.8 - 117.3
Barium	300	288.2		mg/Kg		96.1	82.3 - 117.7
Beryllium	103	101.1		mg/Kg		98.2	82.8 - 116.5
Cadmium	135	132.9		mg/Kg		98.4	83.0 - 117.8
Calcium	4720	4556		mg/Kg		96.5	81.6 - 118.6
Chromium	147	142.0		mg/Kg		96.6	82.3 - 117.7
Cobalt	43.2	43.04		mg/Kg		99.6	83.8 - 116.2
Copper	150	149.8		mg/Kg		99.9	84.0 - 116.0
Iron	14400	12640		mg/Kg		87.8	61.3 - 138.9
Lead	92.3	91.82		mg/Kg		99.5	83.1 - 117.0
Magnesium	2300	2265		mg/Kg		98.5	75.7 - 124.3
Manganese	677	659.8		mg/Kg		97.5	82.0 - 118.2
Nickel	59.8	60.37		mg/Kg		100.9	82.6 - 117.6
Potassium	2030	1816		mg/Kg		89.4	70.0 - 130.0
Selenium	42.0	42.04		mg/Kg		100.1	79.5 - 120.5
Silver	40.3	40.66		mg/Kg		100.9	80.6 - 119.4
Sodium	139	124.1	J	mg/Kg		89.3	71.9 - 127.3
Thallium	83.1	82.33		mg/Kg		99.1	81.0 - 119.0
Vanadium	96.9	90.58		mg/Kg		93.5	79.2 - 120.7
Zinc	369	362.7		mg/Kg		98.3	80.8 - 119.2

Lab Sample ID: 460-216699-G-15-J MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720330
Prep Batch: 720329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	4360		494	6348	4	mg/Kg	☼	401	75 - 125
Antimony	0.14	U F1	4.94	3.26	F1	mg/Kg	☼	66	75 - 125
Arsenic	3.2		9.88	12.90		mg/Kg	☼	99	75 - 125
Barium	4.7		9.88	15.15		mg/Kg	☼	106	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-216699-G-15-J MS
Matrix: Solid
Analysis Batch: 720330

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.059	J	4.94	4.77		mg/Kg	☼	95	75 - 125
Cadmium	0.11	U	4.94	4.90		mg/Kg	☼	99	75 - 125
Calcium	1670	F1	494	1392	F1	mg/Kg	☼	-56	75 - 125
Chromium	5.6		9.88	16.13		mg/Kg	☼	106	75 - 125
Cobalt	0.42	J	4.94	5.30		mg/Kg	☼	99	75 - 125
Copper	3.4		9.88	13.64		mg/Kg	☼	103	75 - 125
Iron	4500		494	5375	4	mg/Kg	☼	176	75 - 125
Lead	3.2		4.94	8.49		mg/Kg	☼	108	75 - 125
Magnesium	160		494	637.5		mg/Kg	☼	97	75 - 125
Manganese	8.7		49.4	54.74		mg/Kg	☼	93	75 - 125
Nickel	1.6	J	9.88	12.22		mg/Kg	☼	107	75 - 125
Potassium	116		494	597.6		mg/Kg	☼	97	75 - 125
Selenium	0.15	J	9.88	9.40		mg/Kg	☼	94	75 - 125
Silver	0.086	U	4.94	4.86		mg/Kg	☼	98	75 - 125
Sodium	23.7	J	494	529.6		mg/Kg	☼	102	75 - 125
Thallium	0.040	U	3.95	3.86		mg/Kg	☼	98	75 - 125
Vanadium	8.7		9.88	19.35		mg/Kg	☼	107	75 - 125
Zinc	3.0	J	49.4	50.55		mg/Kg	☼	96	75 - 125

Lab Sample ID: 460-216699-G-15-I DU
Matrix: Solid
Analysis Batch: 720330

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 720329

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4360		4912		mg/Kg	☼	12	20
Antimony	0.14	U F1	0.14	U	mg/Kg	☼	NC	20
Arsenic	3.2		3.65		mg/Kg	☼	14	20
Barium	4.7		5.08		mg/Kg	☼	8	20
Beryllium	0.059	J	0.0740	J F5	mg/Kg	☼	23	20
Cadmium	0.11	U	0.11	U	mg/Kg	☼	NC	20
Calcium	1670	F1	982.2	F3	mg/Kg	☼	52	20
Chromium	5.6		6.13		mg/Kg	☼	9	20
Cobalt	0.42	J	0.407	J	mg/Kg	☼	4	20
Copper	3.4		3.95		mg/Kg	☼	15	20
Iron	4500		5249		mg/Kg	☼	15	20
Lead	3.2		3.34		mg/Kg	☼	6	20
Magnesium	160		135.1		mg/Kg	☼	17	20
Manganese	8.7		7.41		mg/Kg	☼	16	20
Nickel	1.6	J	1.78	J	mg/Kg	☼	8	20
Potassium	116		131.2		mg/Kg	☼	12	20
Selenium	0.15	J	0.222	J F5	mg/Kg	☼	36	20
Silver	0.086	U	0.086	U	mg/Kg	☼	NC	20
Sodium	23.7	J	24.78	J	mg/Kg	☼	5	20
Thallium	0.040	U	0.040	U	mg/Kg	☼	NC	20
Vanadium	8.7		10.26		mg/Kg	☼	16	20
Zinc	3.0	J	3.26	J	mg/Kg	☼	9	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-720399/1-A
Matrix: Solid
Analysis Batch: 720650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.6	U	20.0	2.6	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Antimony	0.15	U	1.0	0.15	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Barium	0.15	U	2.0	0.15	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Calcium	17.0	U	100	17.0	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Chromium	0.17	U	2.0	0.17	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Copper	0.22	U	2.0	0.22	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Iron	20.2	U	60.0	20.2	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Lead	0.20	U	0.60	0.20	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Magnesium	10.2	U	100	10.2	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Manganese	0.40	U	4.0	0.40	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Nickel	0.19	U	2.0	0.19	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Potassium	11.2	U	100	11.2	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Selenium	0.12	U	1.3	0.12	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Silver	0.089	U	1.0	0.089	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Sodium	15.6	U	100	15.6	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Thallium	0.041	U	0.40	0.041	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		08/28/20 18:21	08/30/20 11:20	1
Zinc	2.3	U	8.0	2.3	mg/Kg		08/28/20 18:21	08/30/20 11:20	1

Lab Sample ID: LCSSRM 460-720399/2-A ^5
Matrix: Solid
Analysis Batch: 720650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720399

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8460	7698		mg/Kg		91.0	50.4 - 150.1
Antimony	120	83.80		mg/Kg		69.8	4.8 - 195.0
Arsenic	95.5	98.62		mg/Kg		103.3	82.8 - 117.3
Barium	300	280.1		mg/Kg		93.4	82.3 - 117.7
Beryllium	103	96.27		mg/Kg		93.5	82.8 - 116.5
Cadmium	135	129.3		mg/Kg		95.8	83.0 - 117.8
Calcium	4720	4635		mg/Kg		98.2	81.6 - 118.6
Chromium	147	145.0		mg/Kg		98.6	82.3 - 117.7
Cobalt	43.2	43.60		mg/Kg		100.9	83.8 - 116.2
Copper	150	151.3		mg/Kg		100.8	84.0 - 116.0
Iron	14400	14780		mg/Kg		102.6	61.3 - 138.9
Lead	92.3	91.46		mg/Kg		99.1	83.1 - 117.0

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-720399/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720650
Prep Batch: 720399

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	2300	2500		mg/Kg		108.7	75.7 - 124.3
Manganese	677	675.2		mg/Kg		99.7	82.0 - 118.2
Nickel	59.8	59.22		mg/Kg		99.0	82.6 - 117.6
Potassium	2030	2063		mg/Kg		101.6	70.0 - 130.0
Selenium	42.0	41.66		mg/Kg		99.2	79.5 - 120.5
Silver	40.3	40.15		mg/Kg		99.6	80.6 - 119.4
Sodium	139	148.3	J	mg/Kg		106.7	71.9 - 127.3
Thallium	83.1	80.25		mg/Kg		96.6	81.0 - 119.0
Vanadium	96.9	97.63		mg/Kg		100.8	79.2 - 120.7
Zinc	369	366.1		mg/Kg		99.2	80.8 - 119.2

Lab Sample ID: 460-217009-1 MS
Client Sample ID: SB-10_1-3_20200827
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720650
Prep Batch: 720399

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	6960		486	9340	4	mg/Kg	☼	489	75 - 125
Antimony	0.15	U F1	4.86	2.62	F1	mg/Kg	☼	54	75 - 125
Arsenic	2.4		9.72	11.36		mg/Kg	☼	92	75 - 125
Barium	20.7	F1	9.72	39.85	F1	mg/Kg	☼	197	75 - 125
Beryllium	0.36	J	4.86	4.85		mg/Kg	☼	92	75 - 125
Cadmium	0.12	U	4.86	4.59		mg/Kg	☼	95	75 - 125
Calcium	1180	F1	486	1487	F1	mg/Kg	☼	64	75 - 125
Chromium	15.2		9.72	24.34		mg/Kg	☼	95	75 - 125
Cobalt	4.5		4.86	10.39		mg/Kg	☼	121	75 - 125
Copper	34.5	F1	9.72	53.44	F1	mg/Kg	☼	194	75 - 125
Iron	23600		486	23740	4	mg/Kg	☼	22	75 - 125
Lead	4.5		4.86	9.12		mg/Kg	☼	95	75 - 125
Magnesium	1400	F1	486	2251	F1	mg/Kg	☼	175	75 - 125
Manganese	289		48.6	540.6	4	mg/Kg	☼	517	75 - 125
Nickel	9.5	F1	9.72	22.03	F1	mg/Kg	☼	129	75 - 125
Potassium	437		486	1032		mg/Kg	☼	122	75 - 125
Selenium	0.28	J	9.72	8.66		mg/Kg	☼	86	75 - 125
Silver	0.091	U	4.86	4.54		mg/Kg	☼	93	75 - 125
Sodium	65.2	J	486	578.7		mg/Kg	☼	106	75 - 125
Thallium	0.062	J	3.89	3.75		mg/Kg	☼	95	75 - 125
Vanadium	18.7	F1	9.72	35.40	F1	mg/Kg	☼	172	75 - 125
Zinc	27.5		48.6	84.74		mg/Kg	☼	118	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-217009-1 DU
Matrix: Solid
Analysis Batch: 720650

Client Sample ID: SB-10_1-3_20200827
Prep Type: Total/NA
Prep Batch: 720399

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6960		9803	F3	mg/Kg	☼	34	20
Antimony	0.15	U F1	0.15	U	mg/Kg	☼	NC	20
Arsenic	2.4		3.11	F5	mg/Kg	☼	26	20
Barium	20.7	F1	30.11	F3	mg/Kg	☼	37	20
Beryllium	0.36	J	0.454	F5	mg/Kg	☼	23	20
Cadmium	0.12	U	0.12	U	mg/Kg	☼	NC	20
Calcium	1180	F1	1616	F3	mg/Kg	☼	32	20
Chromium	15.2		17.48		mg/Kg	☼	14	20
Cobalt	4.5		5.59	F5	mg/Kg	☼	22	20
Copper	34.5	F1	46.87	F3	mg/Kg	☼	30	20
Iron	23600		28410		mg/Kg	☼	18	20
Lead	4.5		5.67	F3	mg/Kg	☼	23	20
Magnesium	1400	F1	1703		mg/Kg	☼	19	20
Manganese	289		233.8	F3	mg/Kg	☼	21	20
Nickel	9.5	F1	11.03		mg/Kg	☼	15	20
Potassium	437		709.9	F3	mg/Kg	☼	48	20
Selenium	0.28	J	0.266	J	mg/Kg	☼	5	20
Silver	0.091	U	0.091	U	mg/Kg	☼	NC	20
Sodium	65.2	J	88.82	J F5	mg/Kg	☼	31	20
Thallium	0.062	J	0.0868	J F5	mg/Kg	☼	33	20
Vanadium	18.7	F1	21.25		mg/Kg	☼	13	20
Zinc	27.5		33.19		mg/Kg	☼	19	20

Lab Sample ID: MB 460-720605/1-A
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.6	U	20.0	2.6	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Antimony	0.15	U	1.0	0.15	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Barium	0.15	U	2.0	0.15	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Calcium	17.0	U	100	17.0	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Chromium	0.17	U	2.0	0.17	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Copper	0.22	U	2.0	0.22	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Iron	20.2	U	60.0	20.2	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Lead	0.20	U	0.60	0.20	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Magnesium	10.2	U	100	10.2	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Manganese	0.40	U	4.0	0.40	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Nickel	0.19	U	2.0	0.19	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Potassium	11.2	U	100	11.2	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Selenium	0.12	U	1.3	0.12	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Silver	0.089	U	1.0	0.089	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Sodium	15.6	U	100	15.6	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Thallium	0.041	U	0.40	0.041	mg/Kg		08/29/20 16:35	08/30/20 15:59	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		08/29/20 16:35	08/30/20 15:59	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-720605/1-A
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	2.3	U	8.0	2.3	mg/Kg		08/29/20 16:35	08/30/20 15:59	1

Lab Sample ID: LCSSRM 460-720605/2-A ^5
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720605

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8460	7298		mg/Kg		86.3	50.4 - 150.1
Antimony	120	85.10		mg/Kg		70.9	4.8 - 195.0
Arsenic	95.5	99.19		mg/Kg		103.9	82.8 - 117.3
Barium	300	315.0		mg/Kg		105.0	82.3 - 117.7
Beryllium	103	105.0		mg/Kg		101.9	82.8 - 116.5
Cadmium	135	134.5		mg/Kg		99.6	83.0 - 117.8
Calcium	4720	4788		mg/Kg		101.5	81.6 - 118.6
Chromium	147	147.6		mg/Kg		100.4	82.3 - 117.7
Cobalt	43.2	44.80		mg/Kg		103.7	83.8 - 116.2
Copper	150	153.1		mg/Kg		102.0	84.0 - 116.0
Iron	14400	14330		mg/Kg		99.5	61.3 - 138.9
Lead	92.3	92.03		mg/Kg		99.7	83.1 - 117.0
Magnesium	2300	2254		mg/Kg		98.0	75.7 - 124.3
Manganese	677	678.0		mg/Kg		100.1	82.0 - 118.2
Nickel	59.8	61.90		mg/Kg		103.5	82.6 - 117.6
Potassium	2030	1904		mg/Kg		93.8	70.0 - 130.0
Selenium	42.0	41.64		mg/Kg		99.1	79.5 - 120.5
Silver	40.3	40.29		mg/Kg		100	80.6 - 119.4
Sodium	139	131.8	J	mg/Kg		94.8	71.9 - 127.3
Thallium	83.1	83.53		mg/Kg		100.5	81.0 - 119.0
Vanadium	96.9	97.59		mg/Kg		100.7	79.2 - 120.7
Zinc	369	374.3		mg/Kg		101.4	80.8 - 119.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-217089-E-1-D MS
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 720605

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	9020		507	9178	4	mg/Kg	☼	31	75 - 125
Antimony	0.14	U F1	5.07	3.20	F1	mg/Kg	☼	63	75 - 125
Arsenic	3.0		10.1	11.82		mg/Kg	☼	87	75 - 125
Barium	53.3		10.1	58.27	4	mg/Kg	☼	48	75 - 125
Beryllium	0.48		5.07	5.38		mg/Kg	☼	97	75 - 125
Cadmium	0.11	U	5.07	5.07		mg/Kg	☼	100	75 - 125
Calcium	1720	F1	507	2360	F1	mg/Kg	☼	127	75 - 125
Chromium	25.0	F1	10.1	29.53	F1	mg/Kg	☼	45	75 - 125
Cobalt	10.8	F1	5.07	14.46	F1	mg/Kg	☼	72	75 - 125
Copper	35.5	F1	10.1	37.04	F1	mg/Kg	☼	15	75 - 125
Iron	19000		507	18770	4	mg/Kg	☼	-40	75 - 125
Lead	8.1		5.07	12.59		mg/Kg	☼	89	75 - 125
Magnesium	4280		507	4181	4	mg/Kg	☼	-19	75 - 125
Manganese	573		50.7	449.1	4	mg/Kg	☼	-245	75 - 125
Nickel	33.9	F1	10.1	36.32	F1	mg/Kg	☼	24	75 - 125
Potassium	2310		507	2373	4	mg/Kg	☼	12	75 - 125
Selenium	0.11	U	10.1	9.70		mg/Kg	☼	96	75 - 125
Silver	0.086	U	5.07	4.85		mg/Kg	☼	96	75 - 125
Sodium	312		507	775.5		mg/Kg	☼	91	75 - 125
Thallium	0.10	J	4.06	3.87		mg/Kg	☼	93	75 - 125
Vanadium	38.4	F1	10.1	58.30	F1	mg/Kg	☼	196	75 - 125
Zinc	45.9		50.7	90.10		mg/Kg	☼	87	75 - 125

Lab Sample ID: 460-217089-E-1-C DU
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 720605

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	9020		9394		mg/Kg	☼	4	20
Antimony	0.14	U F1	0.15	U	mg/Kg	☼	NC	20
Arsenic	3.0		2.79		mg/Kg	☼	8	20
Barium	53.3		51.97		mg/Kg	☼	3	20
Beryllium	0.48		0.460		mg/Kg	☼	4	20
Cadmium	0.11	U	0.12	U	mg/Kg	☼	NC	20
Calcium	1720	F1	1711		mg/Kg	☼	0.3	20
Chromium	25.0	F1	22.71		mg/Kg	☼	10	20
Cobalt	10.8	F1	10.97		mg/Kg	☼	1	20
Copper	35.5	F1	30.11		mg/Kg	☼	16	20
Iron	19000		18430		mg/Kg	☼	3	20
Lead	8.1		7.32		mg/Kg	☼	10	20
Magnesium	4280		4534		mg/Kg	☼	6	20
Manganese	573		485.6		mg/Kg	☼	17	20
Nickel	33.9	F1	33.82		mg/Kg	☼	0.2	20
Potassium	2310		2063		mg/Kg	☼	11	20
Selenium	0.11	U	0.12	U	mg/Kg	☼	NC	20
Silver	0.086	U	0.091	U	mg/Kg	☼	NC	20
Sodium	312		289.6		mg/Kg	☼	7	20
Thallium	0.10	J	0.0982	J	mg/Kg	☼	6	20
Vanadium	38.4	F1	36.93		mg/Kg	☼	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-217089-E-1-C DU
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 720605

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Zinc	45.9			47.51		mg/Kg	☼			3	20

Lab Sample ID: MB 460-720607/1-A
Matrix: Solid
Analysis Batch: 720650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.6	U	20.0	2.6	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Antimony	0.15	U	1.0	0.15	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Barium	0.15	U	2.0	0.15	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Calcium	17.0	U	100	17.0	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Chromium	0.17	U	2.0	0.17	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Copper	0.22	U	2.0	0.22	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Iron	20.2	U	60.0	20.2	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Lead	0.20	U	0.60	0.20	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Magnesium	10.2	U	100	10.2	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Manganese	0.40	U	4.0	0.40	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Nickel	0.19	U	2.0	0.19	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Potassium	11.2	U	100	11.2	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Selenium	0.12	U	1.3	0.12	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Silver	0.089	U	1.0	0.089	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Sodium	15.6	U	100	15.6	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Thallium	0.041	U	0.40	0.041	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		08/29/20 17:11	08/30/20 11:18	1
Zinc	2.3	U	8.0	2.3	mg/Kg		08/29/20 17:11	08/30/20 11:18	1

Lab Sample ID: LCSSRM 460-720607/2-A ^5
Matrix: Solid
Analysis Batch: 720650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720607

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8460	7982		mg/Kg		94.3	50.4 - 150.1
Antimony	120	85.15		mg/Kg		71.0	4.8 - 195.0
Arsenic	95.5	100.3		mg/Kg		105.0	82.8 - 117.3
Barium	300	290.4		mg/Kg		96.8	82.3 - 117.7
Beryllium	103	100.1		mg/Kg		97.2	82.8 - 116.5
Cadmium	135	135.1		mg/Kg		100.1	83.0 - 117.8
Calcium	4720	4650		mg/Kg		98.5	81.6 - 118.6
Chromium	147	148.5		mg/Kg		101.0	82.3 - 117.7

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-720607/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720650
Prep Batch: 720607

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	43.2	44.99		mg/Kg		104.1	83.8 - 116.2
Copper	150	154.8		mg/Kg		103.2	84.0 - 116.0
Iron	14400	14960		mg/Kg		103.9	61.3 - 138.9
Lead	92.3	94.13		mg/Kg		102.0	83.1 - 117.0
Magnesium	2300	2572		mg/Kg		111.8	75.7 - 124.3
Manganese	677	692.9		mg/Kg		102.3	82.0 - 118.2
Nickel	59.8	59.80		mg/Kg		100.0	82.6 - 117.6
Potassium	2030	2118		mg/Kg		104.3	70.0 - 130.0
Selenium	42.0	42.14		mg/Kg		100.3	79.5 - 120.5
Silver	40.3	41.02		mg/Kg		101.8	80.6 - 119.4
Sodium	139	155.5	J	mg/Kg		111.9	71.9 - 127.3
Thallium	83.1	82.64		mg/Kg		99.4	81.0 - 119.0
Vanadium	96.9	100.2		mg/Kg		103.4	79.2 - 120.7
Zinc	369	375.3		mg/Kg		101.7	80.8 - 119.2

Lab Sample ID: 460-217095-2 MS
Client Sample ID: SB-13_1-3_20200828
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720650
Prep Batch: 720607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2980		461	4332	4	mg/Kg	☼	292	75 - 125
Antimony	0.14	U F1	4.61	2.84	F1	mg/Kg	☼	62	75 - 125
Arsenic	1.3		9.22	10.17		mg/Kg	☼	96	75 - 125
Barium	12.6	F1	9.22	28.48	F1	mg/Kg	☼	173	75 - 125
Beryllium	0.26	J	4.61	4.70		mg/Kg	☼	96	75 - 125
Cadmium	0.11	U	4.61	4.57		mg/Kg	☼	99	75 - 125
Calcium	1670	F1	461	1475	F1	mg/Kg	☼	-43	75 - 125
Chromium	7.9	F1	9.22	19.73	F1	mg/Kg	☼	128	75 - 125
Cobalt	2.9		4.61	7.94		mg/Kg	☼	110	75 - 125
Copper	7.5		9.22	17.90		mg/Kg	☼	113	75 - 125
Iron	17000		461	14540	4	mg/Kg	☼	-534	75 - 125
Lead	7.2	F1	4.61	8.43	F1	mg/Kg	☼	27	75 - 125
Magnesium	983	F1	461	1767	F1	mg/Kg	☼	170	75 - 125
Manganese	221		46.1	261.0	4	mg/Kg	☼	86	75 - 125
Nickel	7.0		9.22	16.75		mg/Kg	☼	106	75 - 125
Potassium	386	F1	461	1025	F1	mg/Kg	☼	139	75 - 125
Selenium	0.12	U	9.22	8.69		mg/Kg	☼	94	75 - 125
Silver	0.088	U	4.61	4.39		mg/Kg	☼	95	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-217095-2 MS
Client Sample ID: SB-13_1-3_20200828
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720650
Prep Batch: 720607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	41.5	J	461	538.8		mg/Kg	☼	108	75 - 125
Thallium	0.041	U	3.69	3.62		mg/Kg	☼	98	75 - 125
Vanadium	11.7		9.22	22.76		mg/Kg	☼	120	75 - 125
Zinc	36.7	F1	46.1	66.48	F1	mg/Kg	☼	65	75 - 125

Lab Sample ID: 460-217095-2 DU
Client Sample ID: SB-13_1-3_20200828
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 720650
Prep Batch: 720607

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	2980		3244		mg/Kg	☼	8	20
Antimony	0.14	U F1	0.14	U	mg/Kg	☼	NC	20
Arsenic	1.3		1.27		mg/Kg	☼	2	20
Barium	12.6	F1	11.69		mg/Kg	☼	7	20
Beryllium	0.26	J	0.213	J	mg/Kg	☼	20	20
Cadmium	0.11	U	0.11	U	mg/Kg	☼	NC	20
Calcium	1670	F1	2484	F3	mg/Kg	☼	39	20
Chromium	7.9	F1	9.06		mg/Kg	☼	13	20
Cobalt	2.9		3.10		mg/Kg	☼	8	20
Copper	7.5		8.22		mg/Kg	☼	9	20
Iron	17000		13410	F3	mg/Kg	☼	24	20
Lead	7.2	F1	5.98		mg/Kg	☼	18	20
Magnesium	983	F1	1141		mg/Kg	☼	15	20
Manganese	221		210.3		mg/Kg	☼	5	20
Nickel	7.0		8.16		mg/Kg	☼	15	20
Potassium	386	F1	392.9		mg/Kg	☼	2	20
Selenium	0.12	U	0.11	U	mg/Kg	☼	NC	20
Silver	0.088	U	0.085	U	mg/Kg	☼	NC	20
Sodium	41.5	J	53.14	J F5	mg/Kg	☼	24	20
Thallium	0.041	U	0.039	U	mg/Kg	☼	NC	20
Vanadium	11.7		13.49		mg/Kg	☼	14	20
Zinc	36.7	F1	26.30	F3	mg/Kg	☼	33	20

Lab Sample ID: LRC 460-720093/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720093

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5000	5122		ug/L		102	90 - 110
Barium	20000	20210		ug/L		101	90 - 110
Beryllium	2000	1877		ug/L		94	90 - 110
Cadmium	5000	5068		ug/L		101	90 - 110
Chromium	20000	19720		ug/L		99	90 - 110
Cobalt	2000	2018		ug/L		101	90 - 110
Copper	20000	20040		ug/L		100	90 - 110
Lead	20000	19120		ug/L		96	90 - 110
Manganese	10000	10010		ug/L		100	90 - 110
Nickel	20000	20490		ug/L		102	90 - 110
Selenium	2000	1966		ug/L		98	90 - 110

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LRC 460-720093/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720093

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	1000	964.5		ug/L		96	90 - 110
Vanadium	5000	4991		ug/L		100	90 - 110
Zinc	20000	19820		ug/L		99	90 - 110

Lab Sample ID: LRC 460-720093/13
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720093

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200000	188800		ug/L		94	90 - 110
Calcium	500000	514400		ug/L		103	90 - 110
Iron	500000	486100		ug/L		97	90 - 110
Magnesium	500000	479500		ug/L		96	90 - 110
Potassium	500000	467300		ug/L		93	90 - 110
Sodium	500000	492500		ug/L		99	90 - 110

Lab Sample ID: LRC 460-720330/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720330

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5000	5081		ug/L		102	90 - 110
Barium	20000	20160		ug/L		101	90 - 110
Beryllium	2000	2057		ug/L		103	90 - 110
Cadmium	5000	5103		ug/L		102	90 - 110
Chromium	20000	19640		ug/L		98	90 - 110
Cobalt	2000	2003		ug/L		100	90 - 110
Copper	20000	19890		ug/L		99	90 - 110
Lead	20000	19310		ug/L		97	90 - 110
Manganese	10000	9974		ug/L		100	90 - 110
Nickel	20000	20140		ug/L		101	90 - 110
Selenium	2000	2013		ug/L		101	90 - 110
Thallium	1000	991.7		ug/L		99	90 - 110
Vanadium	5000	4869		ug/L		97	90 - 110
Zinc	20000	19580		ug/L		98	90 - 110

Lab Sample ID: LRC 460-720330/13
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720330

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200000	196800		ug/L		98	90 - 110
Calcium	500000	506200		ug/L		101	90 - 110
Iron	500000	481300		ug/L		96	90 - 110
Magnesium	500000	479600		ug/L		96	90 - 110
Potassium	500000	473200		ug/L		95	90 - 110
Sodium	500000	493200		ug/L		99	90 - 110

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LRC 460-720650/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720650

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5000	5256		ug/L		105	90 - 110
Barium	20000	19920		ug/L		100	90 - 110
Beryllium	2000	1907		ug/L		95	90 - 110
Cadmium	5000	5132		ug/L		103	90 - 110
Chromium	20000	19440		ug/L		97	90 - 110
Cobalt	2000	1983		ug/L		99	90 - 110
Copper	20000	19980		ug/L		100	90 - 110
Lead	20000	19630		ug/L		98	90 - 110
Manganese	10000	9706		ug/L		97	90 - 110
Nickel	20000	20060		ug/L		100	90 - 110
Selenium	2000	2012		ug/L		101	90 - 110
Thallium	1000	1006		ug/L		101	90 - 110
Vanadium	5000	4843		ug/L		97	90 - 110
Zinc	20000	19230		ug/L		96	90 - 110

Lab Sample ID: LRC 460-720650/13
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720650

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200000	187200		ug/L		94	90 - 110
Calcium	500000	503200		ug/L		101	90 - 110
Iron	500000	481400		ug/L		96	90 - 110
Magnesium	500000	541100		ug/L		108	90 - 110
Potassium	500000	514800		ug/L		103	90 - 110
Sodium	500000	501500		ug/L		100	90 - 110

Lab Sample ID: LRC 460-720689/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 720689

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5000	5257		ug/L		105	90 - 110
Barium	20000	21080		ug/L		105	90 - 110
Beryllium	2000	2056		ug/L		103	90 - 110
Cadmium	5000	5100		ug/L		102	90 - 110
Chromium	20000	20310		ug/L		102	90 - 110
Cobalt	2000	2054		ug/L		103	90 - 110
Copper	20000	20800		ug/L		104	90 - 110
Lead	20000	19680		ug/L		98	90 - 110
Manganese	10000	10300		ug/L		103	90 - 110
Nickel	20000	21120		ug/L		106	90 - 110
Selenium	2000	2047		ug/L		102	90 - 110
Thallium	1000	995.5		ug/L		100	90 - 110
Vanadium	5000	5071		ug/L		101	90 - 110
Zinc	20000	20440		ug/L		102	90 - 110

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LRC 460-720689/13
Matrix: Solid
Analysis Batch: 720689

Client Sample ID: Lab Control Sample

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200000	201100		ug/L		101	90 - 110
Calcium	500000	538900		ug/L		108	90 - 110
Iron	500000	507900		ug/L		102	90 - 110
Magnesium	500000	486400		ug/L		97	90 - 110
Potassium	500000	486200		ug/L		97	90 - 110
Sodium	500000	506300		ug/L		101	90 - 110

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-719898/1-A
Matrix: Solid
Analysis Batch: 719987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0040	U	0.017	0.0040	mg/Kg		08/27/20 03:43	08/27/20 08:06	1

Lab Sample ID: LCSSRM 460-719898/2-A ^40
Matrix: Solid
Analysis Batch: 719987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719898

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	18.4	18.88		mg/Kg		102.6	60.9 - 138.6

Lab Sample ID: 460-216826-B-1-C MS
Matrix: Solid
Analysis Batch: 719987

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 719898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.010	J	0.0796	0.0988		mg/Kg	☼	112	80 - 120

Lab Sample ID: 460-216826-B-1-B DU
Matrix: Solid
Analysis Batch: 719987

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 719898

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.010	J	0.0107	J	mg/Kg	☼	6	20

Lab Sample ID: MB 460-720180/10-A
Matrix: Solid
Analysis Batch: 720280

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0040	U	0.017	0.0040	mg/Kg		08/28/20 02:59	08/28/20 06:45	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 460-720180/11-A ^40
Matrix: Solid
Analysis Batch: 720280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720180

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			18.4	22.27		mg/Kg		121.0	60.9 - 138.6		

Lab Sample ID: 460-216927-1 MS
Matrix: Solid
Analysis Batch: 720280

Client Sample ID: SB-15_0-2_20200826
Prep Type: Total/NA
Prep Batch: 720180

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.017		0.0753	0.0994		mg/Kg	☼	110	80 - 120		

Lab Sample ID: 460-216927-1 DU
Matrix: Solid
Analysis Batch: 720280

Client Sample ID: SB-15_0-2_20200826
Prep Type: Total/NA
Prep Batch: 720180

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.017			0.0178		mg/Kg	☼			7	20

Lab Sample ID: MB 460-721248/10-A
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0040	U	0.017	0.0040	mg/Kg		09/02/20 02:34	09/02/20 06:35	1

Lab Sample ID: LCSSRM 460-721248/11-A ^40
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721248

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			18.4	16.99		mg/Kg		92.4	60.9 - 138.6		

Lab Sample ID: 460-217010-G-1-D MS
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 721248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.0044	U	0.0915	0.0935		mg/Kg	☼	102	80 - 120		

Lab Sample ID: 460-217010-G-1-C DU
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 721248

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.0044	U		0.0044	U	mg/Kg	☼			NC	20

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: MB 460-721250/1-A
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0040	U	0.017	0.0040	mg/Kg		09/02/20 02:52	09/02/20 07:25	1

Lab Sample ID: LCSSRM 460-721250/2-A ^40
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721250

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			18.4	17.55		mg/Kg		95.4	60.9 - 138.6		

Lab Sample ID: 460-217009-6 MS
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: SB-07_0-2_20200827
Prep Type: Total/NA
Prep Batch: 721250

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.0044	J	0.0770	0.0837		mg/Kg	☼	103	80 - 120		

Lab Sample ID: 460-217009-6 DU
Matrix: Solid
Analysis Batch: 721350

Client Sample ID: SB-07_0-2_20200827
Prep Type: Total/NA
Prep Batch: 721250

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.0044	J		0.00515	J	mg/Kg	☼			16	20

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate recovery exceeds control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
W	PS: Post-digestion spike was outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 719834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	5035	
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	5035	
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	5035	
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	5035	
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	5035	
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	5035	
LB3 460-719834/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 720136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	5035	
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	5035	
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	5035	
LB3 460-720136/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 720210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-7	TB_20200825	Total/NA	Water	8260C	
MB 460-720210/7	Method Blank	Total/NA	Water	8260C	
LCS 460-720210/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-720210/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 720240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-719834/1-A	Method Blank	Total/NA	Solid	8260C	719834
MB 460-720240/8	Method Blank	Total/NA	Solid	8260C	
LCS 460-720240/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720240/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 720347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	8260C	719834
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	8260C	719834
MB 460-720347/7	Method Blank	Total/NA	Solid	8260C	
LCS 460-720347/10	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720347/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Prep Batch: 720436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	5035	

Prep Batch: 720439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	5035	
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	5035	
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	5035	
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	5035	
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	5035	
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	5035	
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	5035	
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 720439 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	5035	
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	5035	
LB3 460-720439/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 720465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	8260C	719834
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	8260C	719834
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	8260C	719834
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	8260C	719834
MB 460-720465/7	Method Blank	Total/NA	Solid	8260C	
LCS 460-720465/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720465/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 720508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	8260C	720136
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	8260C	720136
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	8260C	720136
LB3 460-720136/1-A	Method Blank	Total/NA	Solid	8260C	720136
MB 460-720508/7	Method Blank	Total/NA	Solid	8260C	
LCS 460-720508/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720508/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Prep Batch: 720511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	5035	
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	5035	
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	5035	
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	5035	
LB3 460-720511/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 720644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-5	TB_20200828	Total/NA	Water	8260C	
MB 460-720644/9	Method Blank	Total/NA	Water	8260C	
LCS 460-720644/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-720644/29	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 720646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	8260C	720436
MB 460-720646/8	Method Blank	Total/NA	Solid	8260C	
LCS 460-720646/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720646/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 720741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	8260C	720511
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	8260C	720511
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	8260C	720511

GC/MS VOA (Continued)

Analysis Batch: 720741 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	8260C	720511
LB3 460-720511/1-A	Method Blank	Total/NA	Solid	8260C	720511
MB 460-720741/7	Method Blank	Total/NA	Solid	8260C	
LCS 460-720741/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720741/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 720746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	8260C	720439
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	8260C	720439
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	8260C	720439
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	8260C	720439
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	8260C	720439
LB3 460-720439/1-A	Method Blank	Total/NA	Solid	8260C	720439
MB 460-720746/7	Method Blank	Total/NA	Solid	8260C	
LCS 460-720746/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-720746/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 721040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	8260C	720439
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	8260C	720439
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	8260C	720439
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	8260C	720439
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	8260C	720439
MB 460-721040/9	Method Blank	Total/NA	Solid	8260C	
LCS 460-721040/6	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-721040/7	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 721264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217163-2	TW-18_20200828	Total/NA	Water	8260C	
460-217163-3	TW-16_20200828	Total/NA	Water	8260C	
460-217163-4	TW-13_20200828	Total/NA	Water	8260C	
460-217163-5	TW-07_20200828	Total/NA	Water	8260C	
460-217163-6	TW-10_20200828	Total/NA	Water	8260C	
460-217163-7	TW-09_20200828	Total/NA	Water	8260C	
MB 460-721264/7	Method Blank	Total/NA	Water	8260C	
LCS 460-721264/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-721264/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 721282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217143-1	TW-04_20200827	Total/NA	Water	8260C	
MB 460-721282/9	Method Blank	Total/NA	Water	8260C	
LCS 460-721282/5	Lab Control Sample	Total/NA	Water	8260C	
460-217152-B-18 MS	Matrix Spike	Total/NA	Water	8260C	
460-217152-B-18 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

GC/MS VOA

Analysis Batch: 721508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217163-1	TW-01_20200828	Total/NA	Water	8260C	
MB 460-721508/8	Method Blank	Total/NA	Water	8260C	
LCS 460-721508/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-721508/4	Lab Control Sample Dup	Total/NA	Water	8260C	

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Prep Batch: 719969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	3546	
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	3546	
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	3546	
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	3546	
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	3546	
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	3546	
MB 460-719969/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-719969/2-A	Lab Control Sample	Total/NA	Solid	3546	
460-216232-A-6-A MS	Matrix Spike	Total/NA	Solid	3546	
460-216232-A-6-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 720113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	8270D	719969
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	8270D	719969
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	8270D	719969
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	8270D	719969
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	8270D	719969
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	8270D	719969
MB 460-719969/1-A	Method Blank	Total/NA	Solid	8270D	719969
LCS 460-719969/2-A	Lab Control Sample	Total/NA	Solid	8270D	719969
460-216232-A-6-A MS	Matrix Spike	Total/NA	Solid	8270D	719969
460-216232-A-6-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	719969

Prep Batch: 720271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	3546	
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	3546	
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	3546	
MB 460-720271/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720271/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-720271/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-216576-A-1-C MS	Matrix Spike	Total/NA	Solid	3546	
460-216576-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 720289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	8270D	720271
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	8270D	720271
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	8270D	720271

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Prep Batch: 720378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	3546	
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	3546	
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	3546	
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	3546	
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	3546	
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	3546	
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	3546	
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	3546	
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	3546	
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	3546	
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	3546	
MB 460-720378/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720378/2-A	Lab Control Sample	Total/NA	Solid	3546	
460-217009-1 MS	SB-10_1-3_20200827	Total/NA	Solid	3546	
460-217009-1 MSD	SB-10_1-3_20200827	Total/NA	Solid	3546	

Analysis Batch: 720401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	8270D	720378
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	8270D	720378
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	8270D	720378
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	8270D	720378
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	8270D	720378
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	8270D	720378
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	8270D	720378
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	8270D	720378
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	8270D	720378
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	8270D	720378
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	8270D	720378
MB 460-720378/1-A	Method Blank	Total/NA	Solid	8270D	720378
LCS 460-720378/2-A	Lab Control Sample	Total/NA	Solid	8270D	720378
460-217009-1 MS	SB-10_1-3_20200827	Total/NA	Solid	8270D	720378
460-217009-1 MSD	SB-10_1-3_20200827	Total/NA	Solid	8270D	720378

Analysis Batch: 720409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-720271/1-A	Method Blank	Total/NA	Solid	8270D	720271
LCS 460-720271/2-A	Lab Control Sample	Total/NA	Solid	8270D	720271
LCSD 460-720271/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	720271
460-216576-A-1-C MS	Matrix Spike	Total/NA	Solid	8270D	720271
460-216576-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	720271

Prep Batch: 720639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217143-1	TW-04_20200827	Total/NA	Water	3510C	
MB 460-720639/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-720639/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-720639/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-217132-F-1-A MS	Matrix Spike	Total/NA	Water	3510C	
460-217132-G-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

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Analysis Batch: 720701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217143-1	TW-04_20200827	Total/NA	Water	8270D	720639
MB 460-720639/1-A	Method Blank	Total/NA	Water	8270D	720639
LCS 460-720639/2-A	Lab Control Sample	Total/NA	Water	8270D	720639
LCSD 460-720639/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	720639
460-217132-F-1-A MS	Matrix Spike	Total/NA	Water	8270D	720639
460-217132-G-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270D	720639

Prep Batch: 720963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	3546	
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	3546	
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	3546	
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	3546	
MB 460-720963/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720963/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-720963/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 721059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217163-1	TW-01_20200828	Total/NA	Water	3510C	
460-217163-2	TW-18_20200828	Total/NA	Water	3510C	
460-217163-3	TW-16_20200828	Total/NA	Water	3510C	
460-217163-4	TW-13_20200828	Total/NA	Water	3510C	
460-217163-5	TW-07_20200828	Total/NA	Water	3510C	
460-217163-6	TW-10_20200828	Total/NA	Water	3510C	
460-217163-7	TW-09_20200828	Total/NA	Water	3510C	
MB 460-721059/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-721059/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-721059/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 721108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	8270D	720963
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	8270D	720963
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	8270D	720963
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	8270D	720963
MB 460-720963/1-A	Method Blank	Total/NA	Solid	8270D	720963
LCS 460-720963/2-A	Lab Control Sample	Total/NA	Solid	8270D	720963
LCSD 460-720963/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	720963

Analysis Batch: 721182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217163-1	TW-01_20200828	Total/NA	Water	8270D	721059
460-217163-2	TW-18_20200828	Total/NA	Water	8270D	721059
460-217163-3	TW-16_20200828	Total/NA	Water	8270D	721059
460-217163-4	TW-13_20200828	Total/NA	Water	8270D	721059
460-217163-5	TW-07_20200828	Total/NA	Water	8270D	721059
460-217163-6	TW-10_20200828	Total/NA	Water	8270D	721059
460-217163-7	TW-09_20200828	Total/NA	Water	8270D	721059
MB 460-721059/1-A	Method Blank	Total/NA	Water	8270D	721059
LCS 460-721059/2-A	Lab Control Sample	Total/NA	Water	8270D	721059

GC/MS Semi VOA (Continued)

Analysis Batch: 721182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-721059/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	721059

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Prep Batch: 719880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	3546	
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	3546	
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	3546	
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	3546	
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	3546	
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	3546	
MB 460-719880/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-719880/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-719880/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-216908-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-216908-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 719895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-719880/1-A	Method Blank	Total/NA	Solid	8082A	719880
LCS 460-719880/2-A	Lab Control Sample	Total/NA	Solid	8082A	719880
LCSD 460-719880/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	719880
460-216908-A-1-A MS	Matrix Spike	Total/NA	Solid	8082A	719880
460-216908-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	719880

Prep Batch: 720127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	3546	
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	3546	
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	3546	
MB 460-720127/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720127/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-720127/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-216876-A-1-B MS	Matrix Spike	Total/NA	Solid	3546	
460-216876-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 720198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	8082A	720127
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	8082A	720127
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	8082A	720127
MB 460-720127/1-A	Method Blank	Total/NA	Solid	8082A	720127
LCS 460-720127/2-A	Lab Control Sample	Total/NA	Solid	8082A	720127
LCSD 460-720127/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	720127
460-216876-A-1-B MS	Matrix Spike	Total/NA	Solid	8082A	720127
460-216876-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	720127

Analysis Batch: 720199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	8082A	719880

GC Semi VOA (Continued)

Analysis Batch: 720199 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	8082A	719880
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	8082A	719880
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	8082A	719880
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	8082A	719880
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	8082A	719880

Prep Batch: 720420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	3546	
MB 460-720420/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720420/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-720420/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-216932-C-1-G MS	Matrix Spike	Total/NA	Solid	3546	
460-216932-C-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 720421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	3546	
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	3546	
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	3546	
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	3546	
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	3546	
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	3546	
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	3546	
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	3546	
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	3546	
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	3546	
MB 460-720421/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720421/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-720421/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-216985-A-1-B MS	Matrix Spike	Total/NA	Solid	3546	
460-216985-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 720513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	8082A	720420
MB 460-720420/1-A	Method Blank	Total/NA	Solid	8082A	720420
LCS 460-720420/2-A	Lab Control Sample	Total/NA	Solid	8082A	720420
LCSD 460-720420/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	720420
460-216932-C-1-G MS	Matrix Spike	Total/NA	Solid	8082A	720420
460-216932-C-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	720420

Analysis Batch: 720514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	8082A	720421
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	8082A	720421
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	8082A	720421
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	8082A	720421
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	8082A	720421
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	8082A	720421
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	8082A	720421

GC Semi VOA (Continued)

Analysis Batch: 720514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	8082A	720421
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	8082A	720421
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	8082A	720421
MB 460-720421/1-A	Method Blank	Total/NA	Solid	8082A	720421
LCS 460-720421/2-A	Lab Control Sample	Total/NA	Solid	8082A	720421
LCSD 460-720421/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	720421
460-216985-A-1-B MS	Matrix Spike	Total/NA	Solid	8082A	720421
460-216985-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	720421

Prep Batch: 720931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	3546	
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	3546	
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	3546	
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	3546	
MB 460-720931/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-720931/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-720931/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-217095-1 MS	SB-12_0-2_20200828	Total/NA	Solid	3546	
460-217095-1 MSD	SB-12_0-2_20200828	Total/NA	Solid	3546	
460-216563-A-4-E DU	Duplicate	Total/NA	Solid	3546	

Analysis Batch: 720992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	8082A	720931
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	8082A	720931
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	8082A	720931
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	8082A	720931
MB 460-720931/1-A	Method Blank	Total/NA	Solid	8082A	720931
LCS 460-720931/2-A	Lab Control Sample	Total/NA	Solid	8082A	720931
LCSD 460-720931/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	720931
460-217095-1 MS	SB-12_0-2_20200828	Total/NA	Solid	8082A	720931
460-217095-1 MSD	SB-12_0-2_20200828	Total/NA	Solid	8082A	720931
460-216563-A-4-E DU	Duplicate	Total/NA	Solid	8082A	720931

Metals

Prep Batch: 719898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	7471B	
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	7471B	
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	7471B	
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	7471B	
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	7471B	
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	7471B	
MB 460-719898/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-719898/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-216826-B-1-C MS	Matrix Spike	Total/NA	Solid	7471B	
460-216826-B-1-B DU	Duplicate	Total/NA	Solid	7471B	

Metals

Analysis Batch: 719987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	7471B	719898
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	7471B	719898
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	7471B	719898
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	7471B	719898
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	7471B	719898
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	7471B	719898
MB 460-719898/1-A	Method Blank	Total/NA	Solid	7471B	719898
LCSSRM 460-719898/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	719898
460-216826-B-1-C MS	Matrix Spike	Total/NA	Solid	7471B	719898
460-216826-B-1-B DU	Duplicate	Total/NA	Solid	7471B	719898

Prep Batch: 720043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	3050B	
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	3050B	
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	3050B	
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	3050B	
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	3050B	
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	3050B	
MB 460-720043/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-720043/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-216793-F-2-G MS	Matrix Spike	Total/NA	Solid	3050B	
460-216793-A-2-E DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 720093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	6020B	720043
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	6020B	720043
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	6020B	720043
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	6020B	720043
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	6020B	720043
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	6020B	720043
MB 460-720043/1-A	Method Blank	Total/NA	Solid	6020B	720043
LCSSRM 460-720043/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	720043
LRC 460-720093/12	Lab Control Sample		Solid	6020B	
LRC 460-720093/13	Lab Control Sample		Solid	6020B	
460-216793-F-2-G MS	Matrix Spike	Total/NA	Solid	6020B	720043
460-216793-A-2-E DU	Duplicate	Total/NA	Solid	6020B	720043

Prep Batch: 720180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	7471B	
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	7471B	
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	7471B	
MB 460-720180/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-720180/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-216927-1 MS	SB-15_0-2_20200826	Total/NA	Solid	7471B	
460-216927-1 DU	SB-15_0-2_20200826	Total/NA	Solid	7471B	

Metals

Analysis Batch: 720280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	7471B	720180
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	7471B	720180
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	7471B	720180
MB 460-720180/10-A	Method Blank	Total/NA	Solid	7471B	720180
LCSSRM 460-720180/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	720180
460-216927-1 MS	SB-15_0-2_20200826	Total/NA	Solid	7471B	720180
460-216927-1 DU	SB-15_0-2_20200826	Total/NA	Solid	7471B	720180

Prep Batch: 720329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	3050B	
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	3050B	
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	3050B	
MB 460-720329/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-720329/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-216699-G-15-J MS	Matrix Spike	Total/NA	Solid	3050B	
460-216699-G-15-I DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 720330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	6020B	720329
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	6020B	720329
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	6020B	720329
MB 460-720329/1-A	Method Blank	Total/NA	Solid	6020B	720329
LCSSRM 460-720329/2-A	Lab Control Sample	Total/NA	Solid	6020B	720329
LRC 460-720330/12	Lab Control Sample		Solid	6020B	
LRC 460-720330/13	Lab Control Sample		Solid	6020B	
460-216699-G-15-J MS	Matrix Spike	Total/NA	Solid	6020B	720329
460-216699-G-15-I DU	Duplicate	Total/NA	Solid	6020B	720329

Prep Batch: 720399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	3050B	
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	3050B	
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	3050B	
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	3050B	
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	3050B	
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	3050B	
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	3050B	
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	3050B	
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	3050B	
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	3050B	
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	3050B	
MB 460-720399/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-720399/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-217009-1 MS	SB-10_1-3_20200827	Total/NA	Solid	3050B	
460-217009-1 DU	SB-10_1-3_20200827	Total/NA	Solid	3050B	

Prep Batch: 720605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 720605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-720605/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-720605/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-217089-E-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-217089-E-1-C DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 720607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	3050B	
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	3050B	
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	3050B	
MB 460-720607/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-720607/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-217095-2 MS	SB-13_1-3_20200828	Total/NA	Solid	3050B	
460-217095-2 DU	SB-13_1-3_20200828	Total/NA	Solid	3050B	

Analysis Batch: 720650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	6020B	720399
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	6020B	720399
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	6020B	720399
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	6020B	720399
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	6020B	720399
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	6020B	720399
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	6020B	720399
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	6020B	720399
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	6020B	720399
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	6020B	720399
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	6020B	720399
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	6020B	720607
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	6020B	720607
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	6020B	720607
MB 460-720399/1-A	Method Blank	Total/NA	Solid	6020B	720399
MB 460-720607/1-A	Method Blank	Total/NA	Solid	6020B	720607
LCSSRM 460-720399/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	720399
LCSSRM 460-720607/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	720607
LRC 460-720650/12	Lab Control Sample		Solid	6020B	
LRC 460-720650/13	Lab Control Sample		Solid	6020B	
460-217009-1 MS	SB-10_1-3_20200827	Total/NA	Solid	6020B	720399
460-217095-2 MS	SB-13_1-3_20200828	Total/NA	Solid	6020B	720607
460-217009-1 DU	SB-10_1-3_20200827	Total/NA	Solid	6020B	720399
460-217095-2 DU	SB-13_1-3_20200828	Total/NA	Solid	6020B	720607

Analysis Batch: 720689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	6020B	720605
MB 460-720605/1-A	Method Blank	Total/NA	Solid	6020B	720605
LCSSRM 460-720605/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	720605
LRC 460-720689/12	Lab Control Sample		Solid	6020B	
LRC 460-720689/13	Lab Control Sample		Solid	6020B	
460-217089-E-1-D MS	Matrix Spike	Total/NA	Solid	6020B	720605
460-217089-E-1-C DU	Duplicate	Total/NA	Solid	6020B	720605

QC Association Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Metals

Prep Batch: 721248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	7471B	
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	7471B	
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	7471B	
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	7471B	
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	7471B	
MB 460-721248/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-721248/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-217010-G-1-D MS	Matrix Spike	Total/NA	Solid	7471B	
460-217010-G-1-C DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 721250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	7471B	
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	7471B	
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	7471B	
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	7471B	
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	7471B	
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	7471B	
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	7471B	
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	7471B	
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	7471B	
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	7471B	
MB 460-721250/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-721250/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-217009-6 MS	SB-07_0-2_20200827	Total/NA	Solid	7471B	
460-217009-6 DU	SB-07_0-2_20200827	Total/NA	Solid	7471B	

Analysis Batch: 721350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	7471B	721248
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	7471B	721248
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	7471B	721248
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	7471B	721248
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	7471B	721248
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	7471B	721250
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	7471B	721250
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	7471B	721250
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	7471B	721250
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	7471B	721250
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	7471B	721250
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	7471B	721250
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	7471B	721250
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	7471B	721250
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	7471B	721250
MB 460-721248/10-A	Method Blank	Total/NA	Solid	7471B	721248
MB 460-721250/1-A	Method Blank	Total/NA	Solid	7471B	721250
LCSSRM 460-721248/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	721248
LCSSRM 460-721250/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	721250
460-217009-6 MS	SB-07_0-2_20200827	Total/NA	Solid	7471B	721250
460-217010-G-1-D MS	Matrix Spike	Total/NA	Solid	7471B	721248
460-217009-6 DU	SB-07_0-2_20200827	Total/NA	Solid	7471B	721250

Metals (Continued)

Analysis Batch: 721350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217010-G-1-C DU	Duplicate	Total/NA	Solid	7471B	721248

General Chemistry

Analysis Batch: 720013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216817-1	SB-04_2-4_20200825	Total/NA	Solid	Moisture	
460-216817-2	SB-02_0-2_20200825	Total/NA	Solid	Moisture	
460-216817-3	SB-01_1-3_20200825	Total/NA	Solid	Moisture	
460-216817-4	SB-09_1-3_20200825	Total/NA	Solid	Moisture	
460-216817-5	SB-03_0-2_20200825	Total/NA	Solid	Moisture	
460-216817-6	SB-08_2-4_20200825	Total/NA	Solid	Moisture	
460-216817-6 DU	SB-08_2-4_20200825	Total/NA	Solid	Moisture	

Analysis Batch: 720032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216927-1	SB-15_0-2_20200826	Total/NA	Solid	Moisture	
460-216927-2	SB-16_1-3_20200826	Total/NA	Solid	Moisture	
460-216927-3	SB-17_0-2_20200826	Total/NA	Solid	Moisture	
460-216704-A-63 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 720861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-1	SB-10_1-3_20200827	Total/NA	Solid	Moisture	
460-216993-E-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 721101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217009-2	SB-10_17-19_20200827	Total/NA	Solid	Moisture	
460-217009-3	SB-18_3-5_20200827	Total/NA	Solid	Moisture	
460-217009-4	SB-18_16-18_20200827	Total/NA	Solid	Moisture	
460-217009-5	SB-05_1-3_20200827	Total/NA	Solid	Moisture	
460-217009-6	SB-07_0-2_20200827	Total/NA	Solid	Moisture	
460-217009-7	SB-07_6-8_20200827	Total/NA	Solid	Moisture	
460-217009-8	SB-07_15-17_20200827	Total/NA	Solid	Moisture	
460-217009-9	SB-06_3-5_20200827	Total/NA	Solid	Moisture	
460-217009-10	SB-06_6-8_20200827	Total/NA	Solid	Moisture	
460-217009-11	SB-06_17-19_20200827	Total/NA	Solid	Moisture	
460-217009-2 DU	SB-10_17-19_20200827	Total/NA	Solid	Moisture	

Analysis Batch: 721128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-217095-1	SB-12_0-2_20200828	Total/NA	Solid	Moisture	
460-217095-2	SB-13_1-3_20200828	Total/NA	Solid	Moisture	
460-217095-3	SB-14_2-4_20200828	Total/NA	Solid	Moisture	
460-217095-4	SB-11_3-5_20200828	Total/NA	Solid	Moisture	
460-217158-D-24 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1
Date Collected: 08/25/20 08:20
Matrix: Solid
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720013	08/27/20 11:57	MMC	TAL EDI

Client Sample ID: SB-04_2-4_20200825
Lab Sample ID: 460-216817-1
Date Collected: 08/25/20 08:20
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			719834	08/26/20 19:59	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720465	08/29/20 07:55	AAT	TAL EDI
Total/NA	Prep	3546			719969	08/27/20 09:32	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720113	08/27/20 23:05	MME	TAL EDI
Total/NA	Prep	3546			719880	08/27/20 09:25	JMS	TAL EDI
Total/NA	Analysis	8082A		1	720199	08/28/20 12:18	FAM	TAL EDI
Total/NA	Prep	3050B			720043	08/27/20 14:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720093	08/27/20 22:15	VAD	TAL EDI
Total/NA	Prep	7471B			719898	08/27/20 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	719987	08/27/20 08:37	TJS	TAL EDI

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2
Date Collected: 08/25/20 09:25
Matrix: Solid
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720013	08/27/20 11:57	MMC	TAL EDI

Client Sample ID: SB-02_0-2_20200825
Lab Sample ID: 460-216817-2
Date Collected: 08/25/20 09:25
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			719834	08/26/20 20:00	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720465	08/29/20 08:19	AAT	TAL EDI
Total/NA	Prep	3546			719969	08/27/20 09:32	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720113	08/27/20 22:21	MME	TAL EDI
Total/NA	Prep	3546			719880	08/27/20 09:25	JMS	TAL EDI
Total/NA	Analysis	8082A		1	720199	08/28/20 12:34	FAM	TAL EDI
Total/NA	Prep	3050B			720043	08/27/20 14:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720093	08/27/20 22:18	VAD	TAL EDI
Total/NA	Prep	7471B			719898	08/27/20 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	719987	08/27/20 08:39	TJS	TAL EDI

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3
Date Collected: 08/25/20 10:00
Matrix: Solid
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720013	08/27/20 11:57	MMC	TAL EDI

Client Sample ID: SB-01_1-3_20200825
Lab Sample ID: 460-216817-3
Date Collected: 08/25/20 10:00
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			719834	08/26/20 20:01	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720465	08/29/20 08:43	AAT	TAL EDI
Total/NA	Prep	3546			719969	08/27/20 09:32	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720113	08/28/20 02:48	MME	TAL EDI
Total/NA	Prep	3546			719880	08/27/20 09:25	JMS	TAL EDI
Total/NA	Analysis	8082A		1	720199	08/28/20 12:51	FAM	TAL EDI
Total/NA	Prep	3050B			720043	08/27/20 14:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720093	08/27/20 22:20	VAD	TAL EDI
Total/NA	Prep	7471B			719898	08/27/20 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	719987	08/27/20 08:40	TJS	TAL EDI

Client Sample ID: SB-09_1-3_20200825
Lab Sample ID: 460-216817-4
Date Collected: 08/25/20 11:50
Matrix: Solid
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720013	08/27/20 11:57	MMC	TAL EDI

Client Sample ID: SB-09_1-3_20200825
Lab Sample ID: 460-216817-4
Date Collected: 08/25/20 11:50
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			719834	08/26/20 20:01	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720347	08/28/20 21:45	AAT	TAL EDI
Total/NA	Prep	3546			719969	08/27/20 09:32	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720113	08/27/20 22:43	MME	TAL EDI
Total/NA	Prep	3546			719880	08/27/20 09:25	JMS	TAL EDI
Total/NA	Analysis	8082A		1	720199	08/28/20 13:08	FAM	TAL EDI
Total/NA	Prep	3050B			720043	08/27/20 14:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720093	08/27/20 22:22	VAD	TAL EDI
Total/NA	Prep	7471B			719898	08/27/20 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	719987	08/27/20 08:42	TJS	TAL EDI

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5
Date Collected: 08/25/20 13:10
Matrix: Solid
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720013	08/27/20 11:57	MMC	TAL EDI

Client Sample ID: SB-03_0-2_20200825
Lab Sample ID: 460-216817-5
Date Collected: 08/25/20 13:10
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			719834	08/26/20 20:02	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720347	08/28/20 22:09	AAT	TAL EDI
Total/NA	Prep	3546			719969	08/27/20 09:32	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720113	08/27/20 23:28	MME	TAL EDI
Total/NA	Prep	3546			719880	08/27/20 09:25	JMS	TAL EDI
Total/NA	Analysis	8082A		1	720199	08/28/20 13:24	FAM	TAL EDI
Total/NA	Prep	3050B			720043	08/27/20 14:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720093	08/27/20 22:24	VAD	TAL EDI
Total/NA	Prep	7471B			719898	08/27/20 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	719987	08/27/20 08:44	TJS	TAL EDI

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6
Date Collected: 08/25/20 13:55
Matrix: Solid
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720013	08/27/20 11:57	MMC	TAL EDI

Client Sample ID: SB-08_2-4_20200825
Lab Sample ID: 460-216817-6
Date Collected: 08/25/20 13:55
Matrix: Solid
Date Received: 08/25/20 18:00
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			719834	08/26/20 20:03	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720465	08/29/20 09:07	AAT	TAL EDI
Total/NA	Prep	3546			719969	08/27/20 09:32	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720113	08/27/20 21:58	MME	TAL EDI
Total/NA	Prep	3546			719880	08/27/20 09:25	JMS	TAL EDI
Total/NA	Analysis	8082A		1	720199	08/28/20 13:41	FAM	TAL EDI
Total/NA	Prep	3050B			720043	08/27/20 14:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720093	08/27/20 22:27	VAD	TAL EDI
Total/NA	Prep	7471B			719898	08/27/20 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	719987	08/27/20 08:46	TJS	TAL EDI

Client Sample ID: TB_20200825
Lab Sample ID: 460-216817-7
Date Collected: 08/25/20 00:00
Matrix: Water
Date Received: 08/25/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720210	08/28/20 14:23	SZD	TAL EDI

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1
Date Collected: 08/26/20 08:45
Matrix: Solid
Date Received: 08/26/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720032	08/27/20 13:10	MMC	TAL EDI

Client Sample ID: SB-15_0-2_20200826
Lab Sample ID: 460-216927-1
Date Collected: 08/26/20 08:45
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720136	08/27/20 19:14	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720508	08/29/20 15:04	AAT	TAL EDI
Total/NA	Prep	3546			720271	08/28/20 09:19	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720289	08/28/20 21:03	YAH	TAL EDI
Total/NA	Prep	3546			720127	08/27/20 18:36	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720198	08/28/20 14:16	FAM	TAL EDI
Total/NA	Prep	3050B			720329	08/28/20 14:55	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720330	08/28/20 20:20	VAD	TAL EDI
Total/NA	Prep	7471B			720180	08/28/20 02:59	TJS	TAL EDI
Total/NA	Analysis	7471B		1	720280	08/28/20 06:48	TJS	TAL EDI

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2
Date Collected: 08/26/20 09:55
Matrix: Solid
Date Received: 08/26/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720032	08/27/20 13:10	MMC	TAL EDI

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2
Date Collected: 08/26/20 09:55
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720136	08/27/20 19:15	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720508	08/29/20 15:27	AAT	TAL EDI
Total/NA	Prep	3546			720271	08/28/20 09:19	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720289	08/28/20 21:26	YAH	TAL EDI
Total/NA	Prep	3546			720127	08/27/20 18:36	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720198	08/28/20 14:32	FAM	TAL EDI
Total/NA	Prep	3050B			720329	08/28/20 14:55	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720330	08/28/20 20:56	VAD	TAL EDI

Client Sample ID: SB-16_1-3_20200826
Lab Sample ID: 460-216927-2
Date Collected: 08/26/20 09:55
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			720180	08/28/20 02:59	TJS	TAL EDI
Total/NA	Analysis	7471B		1	720280	08/28/20 06:55	TJS	TAL EDI

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3
Date Collected: 08/26/20 13:40
Matrix: Solid
Date Received: 08/26/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720032	08/27/20 13:10	MMC	TAL EDI

Client Sample ID: SB-17_0-2_20200826
Lab Sample ID: 460-216927-3
Date Collected: 08/26/20 13:40
Matrix: Solid
Date Received: 08/26/20 18:00
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720136	08/27/20 19:16	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720508	08/29/20 15:50	AAT	TAL EDI
Total/NA	Prep	3546			720271	08/28/20 09:19	OTS	TAL EDI
Total/NA	Analysis	8270D		1	720289	08/28/20 21:50	YAH	TAL EDI
Total/NA	Prep	3546			720127	08/27/20 18:36	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720198	08/28/20 14:48	FAM	TAL EDI
Total/NA	Prep	3050B			720329	08/28/20 14:55	GAE	TAL EDI
Total/NA	Analysis	6020B		1	720330	08/28/20 20:59	VAD	TAL EDI
Total/NA	Prep	7471B			720180	08/28/20 02:59	TJS	TAL EDI
Total/NA	Analysis	7471B		1	720280	08/28/20 06:57	TJS	TAL EDI

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1
Date Collected: 08/27/20 08:25
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	720861	08/31/20 15:35	MMC	TAL EDI

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1
Date Collected: 08/27/20 08:25
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:05	AVM	TAL EDI
Total/NA	Analysis	8260C		1	721040	09/01/20 11:43	MZS	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 02:48	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 15:45	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 12:08	MDC	TAL EDI

Client Sample ID: SB-10_1-3_20200827
Lab Sample ID: 460-217009-1
Date Collected: 08/27/20 08:25
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721248	09/02/20 02:34	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:16	TJS	TAL EDI

Client Sample ID: SB-10_17-19_20200827
Lab Sample ID: 460-217009-2
Date Collected: 08/27/20 09:40
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-10_17-19_20200827
Lab Sample ID: 460-217009-2
Date Collected: 08/27/20 09:40
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:05	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720746	08/31/20 08:04	AAT	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 03:58	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 16:01	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 12:13	MDC	TAL EDI
Total/NA	Prep	7471B			721248	09/02/20 02:34	TJS	TAL EDI
Total/NA	Analysis	7471B		5	721350	09/02/20 09:41	TJS	TAL EDI

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3
Date Collected: 08/27/20 09:30
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3
Date Collected: 08/27/20 09:30
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720436	08/28/20 20:56	AVM	TAL EDI
Total/NA	Analysis	8260C		50	720646	08/30/20 16:35	AAT	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 09:53	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 16:18	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 12:15	MDC	TAL EDI

Client Sample ID: SB-18_3-5_20200827
Lab Sample ID: 460-217009-3
Date Collected: 08/27/20 09:30
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721248	09/02/20 02:34	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 09:43	TJS	TAL EDI

Client Sample ID: SB-18_16-18_20200827
Lab Sample ID: 460-217009-4
Date Collected: 08/27/20 09:35
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-18_16-18_20200827
Lab Sample ID: 460-217009-4
Date Collected: 08/27/20 09:35
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:07	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720746	08/31/20 08:28	AAT	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 04:22	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 16:35	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:17	MDC	TAL EDI
Total/NA	Prep	7471B			721248	09/02/20 02:34	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:22	TJS	TAL EDI

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5
Date Collected: 08/27/20 11:30
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5
Date Collected: 08/27/20 11:30
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:08	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720746	08/31/20 08:51	AAT	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 04:45	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 16:51	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:20	MDC	TAL EDI

Client Sample ID: SB-05_1-3_20200827
Lab Sample ID: 460-217009-5
Date Collected: 08/27/20 11:30
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721248	09/02/20 02:34	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:23	TJS	TAL EDI

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6
Date Collected: 08/27/20 12:00
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-07_0-2_20200827
Lab Sample ID: 460-217009-6
Date Collected: 08/27/20 12:00
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:09	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720746	08/31/20 09:14	AAT	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 05:09	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 17:08	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:22	MDC	TAL EDI
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:28	TJS	TAL EDI

Client Sample ID: SB-07_6-8_20200827
Lab Sample ID: 460-217009-7
Date Collected: 08/27/20 12:05
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-07_6-8_20200827
Lab Sample ID: 460-217009-7
Date Collected: 08/27/20 12:05
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:10	AVM	TAL EDI
Total/NA	Analysis	8260C		1	720746	08/31/20 09:37	AAT	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 05:32	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 17:25	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:24	MDC	TAL EDI

Client Sample ID: SB-07_6-8_20200827
Lab Sample ID: 460-217009-7
Date Collected: 08/27/20 12:05
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 99.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:39	TJS	TAL EDI

Client Sample ID: SB-07_15-17_20200827
Lab Sample ID: 460-217009-8
Date Collected: 08/27/20 12:10
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-07_15-17_20200827
Lab Sample ID: 460-217009-8
Date Collected: 08/27/20 12:10
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:11	AVM	TAL EDI
Total/NA	Analysis	8260C		1	721040	09/01/20 14:03	MZS	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 05:56	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 17:41	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:32	MDC	TAL EDI
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:40	TJS	TAL EDI

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9
Date Collected: 08/27/20 13:45
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9
Date Collected: 08/27/20 13:45
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:12	AVM	TAL EDI
Total/NA	Analysis	8260C		1	721040	09/01/20 13:40	MZS	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 06:20	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 17:58	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:34	MDC	TAL EDI

Client Sample ID: SB-06_3-5_20200827
Lab Sample ID: 460-217009-9
Date Collected: 08/27/20 13:45
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:42	TJS	TAL EDI

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10
Date Collected: 08/27/20 13:50
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-06_6-8_20200827
Lab Sample ID: 460-217009-10
Date Collected: 08/27/20 13:50
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:13	AVM	TAL EDI
Total/NA	Analysis	8260C		1	721040	09/01/20 13:16	MZS	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 06:43	YAH	TAL EDI
Total/NA	Prep	3546			720421	08/28/20 19:18	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720514	08/29/20 18:15	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:37	MDC	TAL EDI
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:44	TJS	TAL EDI

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11
Date Collected: 08/27/20 13:55
Matrix: Solid
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721101	09/01/20 12:17	MMC	TAL EDI

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11
Date Collected: 08/27/20 13:55
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720439	08/28/20 21:14	AVM	TAL EDI
Total/NA	Analysis	8260C		1	721040	09/01/20 12:53	MZS	TAL EDI
Total/NA	Prep	3546			720378	08/28/20 17:09	OXG	TAL EDI
Total/NA	Analysis	8270D		1	720401	08/29/20 07:07	YAH	TAL EDI
Total/NA	Prep	3546			720420	08/28/20 19:11	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720513	08/29/20 16:41	JHP	TAL EDI
Total/NA	Prep	3050B			720399	08/28/20 18:21	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 16:39	MDC	TAL EDI

Client Sample ID: SB-06_17-19_20200827
Lab Sample ID: 460-217009-11
Date Collected: 08/27/20 13:55
Matrix: Solid
Date Received: 08/27/20 18:20
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 07:46	TJS	TAL EDI

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1
Date Collected: 08/28/20 07:40
Matrix: Solid
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721128	09/01/20 13:24	MMC	TAL EDI

Client Sample ID: SB-12_0-2_20200828
Lab Sample ID: 460-217095-1
Date Collected: 08/28/20 07:40
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720511	08/29/20 09:32	AAT	TAL EDI
Total/NA	Analysis	8260C		1	720741	08/31/20 13:00	AAT	TAL EDI
Total/NA	Prep	3546			720963	08/31/20 22:00	AFR	TAL EDI
Total/NA	Analysis	8270D		1	721108	09/01/20 17:08	DAN	TAL EDI
Total/NA	Prep	3546			720931	08/31/20 18:11	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720992	09/01/20 09:22	JHP	TAL EDI
Total/NA	Prep	3050B			720605	08/29/20 16:35	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720689	08/30/20 17:06	DLE	TAL EDI
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 08:08	TJS	TAL EDI

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2
Date Collected: 08/28/20 08:10
Matrix: Solid
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721128	09/01/20 13:24	MMC	TAL EDI

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2
Date Collected: 08/28/20 08:10
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720511	08/29/20 09:32	AAT	TAL EDI
Total/NA	Analysis	8260C		1	720741	08/31/20 13:28	AAT	TAL EDI
Total/NA	Prep	3546			720963	08/31/20 22:00	AFR	TAL EDI
Total/NA	Analysis	8270D		1	721108	09/01/20 17:31	DAN	TAL EDI
Total/NA	Prep	3546			720931	08/31/20 18:11	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720992	09/01/20 09:39	JHP	TAL EDI
Total/NA	Prep	3050B			720607	08/29/20 17:11	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 13:34	MDC	TAL EDI

Client Sample ID: SB-13_1-3_20200828
Lab Sample ID: 460-217095-2
Date Collected: 08/28/20 08:10
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 08:10	TJS	TAL EDI

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3
Date Collected: 08/28/20 08:50
Matrix: Solid
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721128	09/01/20 13:24	MMC	TAL EDI

Client Sample ID: SB-14_2-4_20200828
Lab Sample ID: 460-217095-3
Date Collected: 08/28/20 08:50
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720511	08/29/20 09:32	AAT	TAL EDI
Total/NA	Analysis	8260C		1	720741	08/31/20 13:55	AAT	TAL EDI
Total/NA	Prep	3546			720963	08/31/20 22:00	AFR	TAL EDI
Total/NA	Analysis	8270D		1	721108	09/01/20 17:55	DAN	TAL EDI
Total/NA	Prep	3546			720931	08/31/20 18:11	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720992	09/01/20 09:55	JHP	TAL EDI
Total/NA	Prep	3050B			720607	08/29/20 17:11	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 13:39	MDC	TAL EDI
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		1	721350	09/02/20 08:11	TJS	TAL EDI

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4
Date Collected: 08/28/20 10:15
Matrix: Solid
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	721128	09/01/20 13:24	MMC	TAL EDI

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4
Date Collected: 08/28/20 10:15
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			720511	08/29/20 09:32	AAT	TAL EDI
Total/NA	Analysis	8260C		1	720741	08/31/20 14:23	AAT	TAL EDI
Total/NA	Prep	3546			720963	08/31/20 22:00	AFR	TAL EDI
Total/NA	Analysis	8270D		1	721108	09/01/20 19:29	DAN	TAL EDI
Total/NA	Prep	3546			720931	08/31/20 18:11	ARA	TAL EDI
Total/NA	Analysis	8082A		1	720992	09/01/20 10:12	JHP	TAL EDI
Total/NA	Prep	3050B			720607	08/29/20 17:11	GRB	TAL EDI
Total/NA	Analysis	6020B		1	720650	08/30/20 13:41	MDC	TAL EDI

Client Sample ID: SB-11_3-5_20200828
Lab Sample ID: 460-217095-4
Date Collected: 08/28/20 10:15
Matrix: Solid
Date Received: 08/28/20 15:30
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			721250	09/02/20 02:52	TJS	TAL EDI
Total/NA	Analysis	7471B		5	721350	09/02/20 09:44	TJS	TAL EDI

Client Sample ID: TB_20200828
Lab Sample ID: 460-217095-5
Date Collected: 08/28/20 00:00
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720644	08/30/20 13:13	KLB	TAL EDI

Client Sample ID: TW-04_20200827
Lab Sample ID: 460-217143-1
Date Collected: 08/27/20 14:20
Matrix: Water
Date Received: 08/27/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721282	09/02/20 16:58	CJM	TAL EDI
Total/NA	Prep	3510C			720639	08/30/20 06:46	DXD	TAL EDI
Total/NA	Analysis	8270D		1	720701	08/31/20 04:37	YAH	TAL EDI

Client Sample ID: TW-01_20200828
Lab Sample ID: 460-217163-1
Date Collected: 08/28/20 06:53
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721508	09/02/20 22:22	VBP	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 20:41	MME	TAL EDI

Client Sample ID: TW-18_20200828
Lab Sample ID: 460-217163-2
Date Collected: 08/28/20 08:07
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721264	09/02/20 14:59	SZD	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 21:02	MME	TAL EDI

Client Sample ID: TW-16_20200828
Lab Sample ID: 460-217163-3
Date Collected: 08/28/20 13:22
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721264	09/02/20 15:19	SZD	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 21:23	MME	TAL EDI

Lab Chronicle

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Client Sample ID: TW-13_20200828
Lab Sample ID: 460-217163-4
Date Collected: 08/28/20 12:37
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721264	09/02/20 15:40	SZD	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 21:44	MME	TAL EDI

Client Sample ID: TW-07_20200828
Lab Sample ID: 460-217163-5
Date Collected: 08/28/20 11:27
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721264	09/02/20 16:01	SZD	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 22:04	MME	TAL EDI

Client Sample ID: TW-10_20200828
Lab Sample ID: 460-217163-6
Date Collected: 08/28/20 09:53
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721264	09/02/20 16:22	SZD	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 22:25	MME	TAL EDI

Client Sample ID: TW-09_20200828
Lab Sample ID: 460-217163-7
Date Collected: 08/28/20 09:12
Matrix: Water
Date Received: 08/28/20 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	721264	09/02/20 16:43	SZD	TAL EDI
Total/NA	Prep	3510C			721059	09/01/20 09:47	DXB	TAL EDI
Total/NA	Analysis	8270D		1	721182	09/01/20 22:46	MME	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-216817-1
Project/Site: Empire 149th & 150th Streets, Queens

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-04_2-4_20200825	460-216817-1	117	122	108	116
SB-02_0-2_20200825	460-216817-2	114	117	104	114
SB-01_1-3_20200825	460-216817-3	105	104	95	109
SB-09_1-3_20200825	460-216817-4	98	96	90	94
SB-03_0-2_20200825	460-216817-5	107	106	102	107
SB-08_2-4_20200825	460-216817-6	105	104	96	106
SB-15_0-2_20200826	460-216927-1	108	110	100	106
SB-16_1-3_20200826	460-216927-2	110	112	100	105
SB-17_0-2_20200826	460-216927-3	110	116	100	102
SB-10_1-3_20200827	460-217009-1	110	109	99	107
SB-10_17-19_20200827	460-217009-2	112	115	99	106
SB-18_16-18_20200827	460-217009-4	108	111	95	102
SB-05_1-3_20200827	460-217009-5	111	114	98	106
SB-07_0-2_20200827	460-217009-6	114	118	100	108
SB-07_6-8_20200827	460-217009-7	110	116	95	86
SB-07_15-17_20200827	460-217009-8	113	114	103	109
SB-06_3-5_20200827	460-217009-9	111	117	101	108
SB-06_6-8_20200827	460-217009-10	112	113	99	107
SB-06_17-19_20200827	460-217009-11	111	114	100	109
SB-12_0-2_20200828	460-217095-1	107	100	109	106
SB-13_1-3_20200828	460-217095-2	102	96	108	107
SB-14_2-4_20200828	460-217095-3	107	98	111	109
SB-11_3-5_20200828	460-217095-4	105	96	108	106
	MB 460-720240/8	112	116	102	109
	MB 460-720347/7	100	101	96	101
	MB 460-720465/7	89	85	84	90
	MB 460-720508/7	111	108	105	109
	MB 460-720741/7	106	93	112	108
	MB 460-720746/7	105	106	97	105
	MB 460-721040/9	107	106	100	107
	LB3 460-719834/1-A	110	110	101	109
	LB3 460-720136/1-A	110	110	101	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	79-125

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	LB3 460-720439/1-A	104	103	99	103
	LB3 460-720511/1-A	105	96	110	107
	LCS 460-720240/4	103	104	100	103
	LCS 460-720347/10	104	104	102	105
	LCS 460-720465/3	94	90	88	92
	LCS 460-720508/3	105	105	106	107
	LCS 460-720741/3	103	94	113	108
	LCS 460-720746/3	108	108	101	104
	LCS 460-721040/6	106	103	102	105
	LCSD 460-720240/5	105	104	101	105
	LCSD 460-720347/4	101	102	99	105
	LCSD 460-720465/4	105	102	98	103
	LCSD 460-720508/4	97	96	97	97
	LCSD 460-720741/4	101	93	109	107
	LCSD 460-720746/4	107	108	102	104
	LCSD 460-721040/7	104	101	101	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	79-125

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-18_3-5_20200827	460-217009-3	104	111	111	111
	MB 460-720646/8	89	88	96	99
	LCS 460-720646/3	90	90	96	100
	LCSD 460-720646/4	89	89	97	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	54-150
DCA = 1,2-Dichloroethane-d4 (Surr)	70-150
TOL = Toluene-d8 (Surr)	68-148
BFB = 4-Bromofluorobenzene	62-150

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB_20200825	460-216817-7	107	115	105	104
TB_20200828	460-217095-5	97	87	92	100
TW-04_20200827	460-217143-1	97	80	105	99
TW-01_20200828	460-217163-1	99	99	102	92
TW-18_20200828	460-217163-2	100	102	99	92
TW-16_20200828	460-217163-3	99	100	102	94
TW-13_20200828	460-217163-4	99	103	100	92
TW-07_20200828	460-217163-5	100	102	100	91
TW-10_20200828	460-217163-6	99	102	100	92
TW-09_20200828	460-217163-7	101	101	102	93
	MB 460-720210/7	106	116	106	106
	MB 460-720644/9	97	86	97	105
	MB 460-721264/7	95	98	102	89
	MB 460-721282/9	97	79	103	101
	MB 460-721508/8	99	100	102	90
	LCS 460-720210/3	108	111	108	108
	LCS 460-720644/5	95	85	96	104
	LCS 460-721264/3	97	97	99	92
	LCS 460-721282/5	99	83	105	104
	LCS 460-721508/3	98	99	101	93
	LCSD 460-720210/4	107	110	108	109
	LCSD 460-720644/29	96	85	94	101
	LCSD 460-721264/4	97	98	101	90
	LCSD 460-721508/4	99	100	99	91
	460-217152-B-18 MS	105	87	111	113
	460-217152-B-18 MSD	99	82	104	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T38363.D

Lab ID: LCS 460-720210/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.9	104	68-128	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	105	59-142	
1,1,2-Trichloroethane	20.0	20.6	103	74-125	
1,1-Dichloroethane	20.0	20.7	103	73-130	
1,1-Dichloroethene	20.0	20.6	103	68-133	
1,2,3-Trichlorobenzene	20.0	17.4	87	53-144	
1,2,4-Trichlorobenzene	20.0	18.4	92	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	41-143	
1,2-Dichlorobenzene	20.0	20.5	102	79-122	
1,2-Dichloroethane	20.0	19.7	98	75-121	
1,2-Dichloropropane	20.0	20.6	103	76-126	
1,3-Dichlorobenzene	20.0	20.2	101	80-121	
1,4-Dichlorobenzene	20.0	20.3	101	80-118	
2-Butanone (MEK)	100	91.9	92	69-128	
2-Hexanone	100	101	101	74-127	
4-Methyl-2-pentanone (MIBK)	100	101	101	78-125	
Acetone	100	89.6	90	61-134	
Benzene	20.0	20.8	104	78-126	
Bromoform	20.0	20.8	104	38-144	
Bromomethane	20.0	22.3	111	10-150	
Carbon disulfide	20.0	21.1	105	64-138	
Carbon tetrachloride	20.0	20.8	104	56-131	
Chlorobenzene	20.0	20.6	103	80-119	
Chlorobromomethane	20.0	20.5	103	73-126	
Chlorodibromomethane	20.0	21.4	107	58-130	
Chloroethane	20.0	21.2	106	29-150	
Chloroform	20.0	21.2	106	78-125	
Chloromethane	20.0	19.5	97	38-150	
cis-1,2-Dichloroethene	20.0	20.5	103	78-121	
cis-1,3-Dichloropropene	20.0	20.7	103	74-125	
Cyclohexane	20.0	20.9	105	67-133	
Dichlorobromomethane	20.0	21.4	107	72-121	
Dichlorodifluoromethane	20.0	18.7	94	31-150	
Ethylbenzene	20.0	20.4	102	78-120	
Ethylene Dibromide	20.0	20.3	101	69-126	
Isopropylbenzene	20.0	20.3	102	79-125	
Methyl acetate	40.0	43.0	107	70-127	
Methyl tert-butyl ether	20.0	20.6	103	65-131	
Methylcyclohexane	20.0	21.2	106	60-139	
Methylene Chloride	20.0	21.0	105	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T38363.D

Lab ID: LCS 460-720210/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	20.3	101	78-123	
o-Xylene	20.0	19.4	97	78-122	
Styrene	20.0	20.0	100	75-127	
Tetrachloroethene	20.0	20.7	104	70-127	
Toluene	20.0	20.3	101	78-119	
trans-1,2-Dichloroethene	20.0	20.1	101	74-126	
trans-1,3-Dichloropropene	20.0	21.5	108	66-127	
Trichloroethene	20.0	20.8	104	71-121	
Trichlorofluoromethane	20.0	22.8	114	61-140	
Vinyl chloride	20.0	20.4	102	61-144	
Xylenes, Total	40.0	39.7	99	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18523.D

Lab ID: LCS 460-720240/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0206	103	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0192	96	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0224	112	78-136	
1,1,2-Trichloroethane	0.0200	0.0202	101	75-120	
1,1-Dichloroethane	0.0200	0.0212	106	76-129	
1,1-Dichloroethene	0.0200	0.0208	104	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0211	105	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0216	108	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0198	99	60-126	
1,2-Dichlorobenzene	0.0200	0.0204	102	80-120	
1,2-Dichloroethane	0.0200	0.0200	100	70-132	
1,2-Dichloropropane	0.0200	0.0197	99	73-124	
1,3-Dichlorobenzene	0.0200	0.0202	101	80-120	
1,4-Dichlorobenzene	0.0200	0.0203	102	80-120	
2-Butanone (MEK)	0.100	0.0907	91	75-120	
2-Hexanone	0.100	0.0998	100	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.101	101	80-122	
Acetone	0.100	0.0913	91	63-131	
Benzene	0.0200	0.0207	103	80-123	
Bromoform	0.0200	0.0190	95	48-142	
Bromomethane	0.0200	0.0199	99	68-136	
Carbon disulfide	0.0200	0.0200	100	67-136	
Carbon tetrachloride	0.0200	0.0207	103	72-136	
Chlorobenzene	0.0200	0.0200	100	80-120	
Chlorobromomethane	0.0200	0.0204	102	76-127	
Chlorodibromomethane	0.0200	0.0190	95	62-128	
Chloroethane	0.0200	0.0206	103	65-134	
Chloroform	0.0200	0.0204	102	79-126	
Chloromethane	0.0200	0.0203	102	48-150	
cis-1,2-Dichloroethene	0.0200	0.0202	101	80-123	
cis-1,3-Dichloropropene	0.0200	0.0191	96	72-120	
Cyclohexane	0.0200	0.0224	112	80-132	
Dichlorobromomethane	0.0200	0.0190	95	73-124	
Dichlorodifluoromethane	0.0200	0.0232	116	40-146	
Ethylbenzene	0.0200	0.0207	103	80-120	
Ethylene Dibromide	0.0200	0.0203	102	79-120	
Isopropylbenzene	0.0200	0.0217	109	80-120	
Methyl acetate	0.0400	0.0363	91	58-143	
Methyl tert-butyl ether	0.0200	0.0197	99	80-125	
Methylcyclohexane	0.0200	0.0227	114	79-133	
Methylene Chloride	0.0200	0.0175	87	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18523.D

Lab ID: LCS 460-720240/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0202	101	80-120	
o-Xylene	0.0200	0.0205	102	80-120	
Styrene	0.0200	0.0207	103	80-120	
Tetrachloroethene	0.0200	0.0212	106	78-123	
Toluene	0.0200	0.0201	101	80-120	
trans-1,2-Dichloroethene	0.0200	0.0205	102	78-128	
trans-1,3-Dichloropropene	0.0200	0.0188	94	68-120	
Trichloroethene	0.0200	0.0206	103	79-120	
Trichlorofluoromethane	0.0200	0.0222	111	67-142	
Vinyl chloride	0.0200	0.0205	103	56-147	
Xylenes, Total	0.0400	0.0407	102	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B628604.D

Lab ID: LCS 460-720347/10 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0201	100	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0191	95	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0177	88	78-136	
1,1,2-Trichloroethane	0.0200	0.0195	97	75-120	
1,1-Dichloroethane	0.0200	0.0193	97	76-129	
1,1-Dichloroethene	0.0200	0.0177	88	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0199	100	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0202	101	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0194	97	60-126	
1,2-Dichlorobenzene	0.0200	0.0189	95	80-120	
1,2-Dichloroethane	0.0200	0.0201	101	70-132	
1,2-Dichloropropane	0.0200	0.0201	100	73-124	
1,3-Dichlorobenzene	0.0200	0.0201	101	80-120	
1,4-Dichlorobenzene	0.0200	0.0198	99	80-120	
2-Butanone (MEK)	0.100	0.106	106	75-120	
2-Hexanone	0.100	0.104	104	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.102	102	80-122	
Acetone	0.100	0.0792	79	63-131	
Benzene	0.0200	0.0196	98	80-123	
Bromoform	0.0200	0.0199	100	48-142	
Bromomethane	0.0200	0.0169	85	68-136	
Carbon disulfide	0.0200	0.0184	92	67-136	
Carbon tetrachloride	0.0200	0.0203	102	72-136	
Chlorobenzene	0.0200	0.0195	98	80-120	
Chlorobromomethane	0.0200	0.0203	102	76-127	
Chlorodibromomethane	0.0200	0.0190	95	62-128	
Chloroethane	0.0200	0.0174	87	65-134	
Chloroform	0.0200	0.0203	102	79-126	
Chloromethane	0.0200	0.0175	88	48-150	
cis-1,2-Dichloroethene	0.0200	0.0208	104	80-123	
cis-1,3-Dichloropropene	0.0200	0.0191	96	72-120	
Cyclohexane	0.0200	0.0221	110	80-132	
Dichlorobromomethane	0.0200	0.0193	96	73-124	
Dichlorodifluoromethane	0.0200	0.0171	86	40-146	
Ethylbenzene	0.0200	0.0206	103	80-120	
Ethylene Dibromide	0.0200	0.0203	101	79-120	
Isopropylbenzene	0.0200	0.0198	99	80-120	
Methyl acetate	0.0400	0.0396	99	58-143	
Methyl tert-butyl ether	0.0200	0.0197	98	80-125	
Methylcyclohexane	0.0200	0.0216	108	79-133	
Methylene Chloride	0.0200	0.0199	100	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B628604.D

Lab ID: LCS 460-720347/10 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0203	102	80-120	
o-Xylene	0.0200	0.0207	103	80-120	
Styrene	0.0200	0.0202	101	80-120	
Tetrachloroethene	0.0200	0.0199	99	78-123	
Toluene	0.0200	0.0201	100	80-120	
trans-1,2-Dichloroethene	0.0200	0.0209	104	78-128	
trans-1,3-Dichloropropene	0.0200	0.0186	93	68-120	
Trichloroethene	0.0200	0.0207	103	79-120	
Trichlorofluoromethane	0.0200	0.0162	81	67-142	
Vinyl chloride	0.0200	0.0176	88	56-147	
Xylenes, Total	0.0400	0.0410	102	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B62632.D

Lab ID: LCS 460-720465/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0207	104	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0194	97	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191	96	78-136	
1,1,2-Trichloroethane	0.0200	0.0198	99	75-120	
1,1-Dichloroethane	0.0200	0.0197	98	76-129	
1,1-Dichloroethene	0.0200	0.0187	93	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0200	100	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0209	105	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0180	90	60-126	
1,2-Dichlorobenzene	0.0200	0.0200	100	80-120	
1,2-Dichloroethane	0.0200	0.0204	102	70-132	
1,2-Dichloropropane	0.0200	0.0203	102	73-124	
1,3-Dichlorobenzene	0.0200	0.0204	102	80-120	
1,4-Dichlorobenzene	0.0200	0.0201	100	80-120	
2-Butanone (MEK)	0.100	0.101	101	75-120	
2-Hexanone	0.100	0.102	102	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0988	99	80-122	
Acetone	0.100	0.0960	96	63-131	
Benzene	0.0200	0.0207	103	80-123	
Bromoform	0.0200	0.0179	89	48-142	
Bromomethane	0.0200	0.0191	96	68-136	
Carbon disulfide	0.0200	0.0192	96	67-136	
Carbon tetrachloride	0.0200	0.0213	107	72-136	
Chlorobenzene	0.0200	0.0203	101	80-120	
Chlorobromomethane	0.0200	0.0210	105	76-127	
Chlorodibromomethane	0.0200	0.0180	90	62-128	
Chloroethane	0.0200	0.0202	101	65-134	
Chloroform	0.0200	0.0209	105	79-126	
Chloromethane	0.0200	0.0190	95	48-150	
cis-1,2-Dichloroethene	0.0200	0.0212	106	80-123	
cis-1,3-Dichloropropene	0.0200	0.0185	92	72-120	
Cyclohexane	0.0200	0.0228	114	80-132	
Dichlorobromomethane	0.0200	0.0191	95	73-124	
Dichlorodifluoromethane	0.0200	0.0201	100	40-146	
Ethylbenzene	0.0200	0.0210	105	80-120	
Ethylene Dibromide	0.0200	0.0187	94	79-120	
Isopropylbenzene	0.0200	0.0212	106	80-120	
Methyl acetate	0.0400	0.0446	112	58-143	
Methyl tert-butyl ether	0.0200	0.0203	101	80-125	
Methylcyclohexane	0.0200	0.0227	114	79-133	
Methylene Chloride	0.0200	0.0204	102	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B62632.D

Lab ID: LCS 460-720465/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0199	99	80-120	
o-Xylene	0.0200	0.0196	98	80-120	
Styrene	0.0200	0.0202	101	80-120	
Tetrachloroethene	0.0200	0.0209	105	78-123	
Toluene	0.0200	0.0201	100	80-120	
trans-1,2-Dichloroethene	0.0200	0.0205	103	78-128	
trans-1,3-Dichloropropene	0.0200	0.0187	93	68-120	
Trichloroethene	0.0200	0.0206	103	79-120	
Trichlorofluoromethane	0.0200	0.0194	97	67-142	
Vinyl chloride	0.0200	0.0205	102	56-147	
Xylenes, Total	0.0400	0.0395	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18574.D

Lab ID: LCS 460-720508/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0240	120	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0196	98	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0269	135	78-136	
1,1,2-Trichloroethane	0.0200	0.0205	103	75-120	
1,1-Dichloroethane	0.0200	0.0222	111	76-129	
1,1-Dichloroethene	0.0200	0.0243	121	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0218	109	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0230	115	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0210	105	60-126	
1,2-Dichlorobenzene	0.0200	0.0214	107	80-120	
1,2-Dichloroethane	0.0200	0.0202	101	70-132	
1,2-Dichloropropane	0.0200	0.0207	103	73-124	
1,3-Dichlorobenzene	0.0200	0.0222	111	80-120	
1,4-Dichlorobenzene	0.0200	0.0221	110	80-120	
2-Butanone (MEK)	0.100	0.0962	96	75-120	
2-Hexanone	0.100	0.105	105	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.104	104	80-122	
Acetone	0.100	0.0939	94	63-131	
Benzene	0.0200	0.0226	113	80-123	
Bromoform	0.0200	0.0189	95	48-142	
Bromomethane	0.0200	0.0211	106	68-136	
Carbon disulfide	0.0200	0.0226	113	67-136	
Carbon tetrachloride	0.0200	0.0240	120	72-136	
Chlorobenzene	0.0200	0.0216	108	80-120	
Chlorobromomethane	0.0200	0.0213	107	76-127	
Chlorodibromomethane	0.0200	0.0190	95	62-128	
Chloroethane	0.0200	0.0221	111	65-134	
Chloroform	0.0200	0.0219	109	79-126	
Chloromethane	0.0200	0.0231	116	48-150	
cis-1,2-Dichloroethene	0.0200	0.0216	108	80-123	
cis-1,3-Dichloropropene	0.0200	0.0207	103	72-120	
Cyclohexane	0.0200	0.0264	132	80-132	
Dichlorobromomethane	0.0200	0.0196	98	73-124	
Dichlorodifluoromethane	0.0200	0.0254	127	40-146	
Ethylbenzene	0.0200	0.0226	113	80-120	
Ethylene Dibromide	0.0200	0.0208	104	79-120	
Isopropylbenzene	0.0200	0.0235	118	80-120	
Methyl acetate	0.0400	0.0348	87	58-143	
Methyl tert-butyl ether	0.0200	0.0207	103	80-125	
Methylcyclohexane	0.0200	0.0271	135	79-133	*
Methylene Chloride	0.0200	0.0186	93	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18574.D

Lab ID: LCS 460-720508/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0223	111	80-120	
o-Xylene	0.0200	0.0217	109	80-120	
Styrene	0.0200	0.0221	110	80-120	
Tetrachloroethene	0.0200	0.0234	117	78-123	
Toluene	0.0200	0.0221	110	80-120	
trans-1,2-Dichloroethene	0.0200	0.0236	118	78-128	
trans-1,3-Dichloropropene	0.0200	0.0206	103	68-120	
Trichloroethene	0.0200	0.0225	112	79-120	
Trichlorofluoromethane	0.0200	0.0250	125	67-142	
Vinyl chloride	0.0200	0.0241	120	56-147	
Xylenes, Total	0.0400	0.0440	110	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J05415.D

Lab ID: LCS 460-720644/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.9	85	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.1	85	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.9	109	59-142	
1,1,2-Trichloroethane	20.0	18.7	94	74-125	
1,1-Dichloroethane	20.0	19.3	96	73-130	
1,1-Dichloroethene	20.0	21.4	107	68-133	
1,2,3-Trichlorobenzene	20.0	23.1	115	53-144	
1,2,4-Trichlorobenzene	20.0	23.7	118	64-132	
1,2-Dibromo-3-Chloropropane	20.0	13.3	67	41-143	
1,2-Dichlorobenzene	20.0	21.2	106	79-122	
1,2-Dichloroethane	20.0	18.0	90	75-121	
1,2-Dichloropropane	20.0	19.7	99	76-126	
1,3-Dichlorobenzene	20.0	20.7	104	80-121	
1,4-Dichlorobenzene	20.0	20.9	104	80-118	
2-Butanone (MEK)	100	105	105	69-128	
2-Hexanone	100	103	103	74-127	
4-Methyl-2-pentanone (MIBK)	100	104	104	78-125	
Acetone	100	104	104	61-134	
Benzene	20.0	19.0	95	78-126	
Bromoform	20.0	13.3	67	38-144	
Bromomethane	20.0	25.8	129	10-150	
Carbon disulfide	20.0	19.8	99	64-138	
Carbon tetrachloride	20.0	15.8	79	56-131	
Chlorobenzene	20.0	20.6	103	80-119	
Chlorobromomethane	20.0	20.3	102	73-126	
Chlorodibromomethane	20.0	15.2	76	58-130	
Chloroethane	20.0	20.4	102	29-150	
Chloroform	20.0	19.9	99	78-125	
Chloromethane	20.0	20.7	103	38-150	
cis-1,2-Dichloroethene	20.0	20.2	101	78-121	
cis-1,3-Dichloropropene	20.0	18.2	91	74-125	
Cyclohexane	20.0	18.4	92	67-133	
Dichlorobromomethane	20.0	18.2	91	72-121	
Dichlorodifluoromethane	20.0	27.2	136	31-150	
Ethylbenzene	20.0	19.2	96	78-120	
Ethylene Dibromide	20.0	18.6	93	69-126	
Isopropylbenzene	20.0	20.4	102	79-125	
Methyl acetate	40.0	30.8	77	70-127	
Methyl tert-butyl ether	20.0	16.9	84	65-131	
Methylcyclohexane	20.0	22.2	111	60-139	
Methylene Chloride	20.0	20.9	105	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J05415.D

Lab ID: LCS 460-720644/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	19.5	97	78-123	
o-Xylene	20.0	19.4	97	78-122	
Styrene	20.0	19.9	99	75-127	
Tetrachloroethene	20.0	22.0	110	70-127	
Toluene	20.0	19.2	96	78-119	
trans-1,2-Dichloroethene	20.0	21.1	105	74-126	
trans-1,3-Dichloropropene	20.0	16.9	84	66-127	
Trichloroethene	20.0	20.2	101	71-121	
Trichlorofluoromethane	20.0	20.9	105	61-140	
Vinyl chloride	20.0	20.9	105	61-144	
Xylenes, Total	40.0	38.9	97	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: E16586.D

Lab ID: LCS 460-720646/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	0.904	90	73-121	
1,1,2,2-Tetrachloroethane	1.00	0.973	97	74-138	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.870	87	63-137	
1,1,2-Trichloroethane	1.00	0.938	94	79-120	
1,1-Dichloroethane	1.00	0.933	93	79-124	
1,1-Dichloroethene	1.00	0.857	86	72-128	
1,2,3-Trichlorobenzene	1.00	0.959	96	70-145	
1,2,4-Trichlorobenzene	1.00	1.06	106	70-138	
1,2-Dibromo-3-Chloropropane	1.00	0.803	80	73-131	
1,2-Dichlorobenzene	1.00	1.01	101	80-120	
1,2-Dichloroethane	1.00	0.896	90	73-120	
1,2-Dichloropropane	1.00	0.896	90	78-125	
1,3-Dichlorobenzene	1.00	0.988	99	80-120	
1,4-Dichlorobenzene	1.00	1.01	101	80-120	
2-Butanone (MEK)	5.00	4.70	94	73-120	
2-Hexanone	5.00	4.68	94	80-121	
4-Methyl-2-pentanone (MIBK)	5.00	4.94	99	80-120	
Acetone	5.00	4.78	96	56-127	
Benzene	1.00	0.956	96	80-120	
Bromoform	1.00	0.911	91	62-121	
Bromomethane	1.00	1.03	103	39-150	
Carbon disulfide	1.00	0.966	97	67-134	
Carbon tetrachloride	1.00	0.870	87	68-123	
Chlorobenzene	1.00	0.930	93	80-120	
Chlorobromomethane	1.00	0.908	91	80-121	
Chlorodibromomethane	1.00	0.921	92	74-120	
Chloroethane	1.00	1.35	135	61-142	
Chloroform	1.00	0.911	91	80-120	
Chloromethane	1.00	0.977	98	61-148	
cis-1,2-Dichloroethene	1.00	0.928	93	80-120	
cis-1,3-Dichloropropene	1.00	0.954	95	71-132	
Cyclohexane	1.00	0.915	91	64-132	
Dichlorobromomethane	1.00	0.898	90	77-120	
Dichlorodifluoromethane	1.00	0.886	89	45-145	
Ethylbenzene	1.00	0.976	98	72-121	
Ethylene Dibromide	1.00	0.884	88	80-120	
Isopropylbenzene	1.00	0.974	97	67-125	
Methyl acetate	2.00	2.38	119	65-139	
Methyl tert-butyl ether	1.00	0.870	87	77-125	
Methylcyclohexane	1.00	0.891	89	61-136	
Methylene Chloride	1.00	0.913	91	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: E16586.D

Lab ID: LCS 460-720646/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	1.00	0.957	96	72-120	
o-Xylene	1.00	0.959	96	72-123	
Styrene	1.00	0.949	95	74-124	
Tetrachloroethene	1.00	0.955	95	73-120	
Toluene	1.00	0.945	94	80-120	
trans-1,2-Dichloroethene	1.00	0.901	90	77-127	
trans-1,3-Dichloropropene	1.00	0.954	95	68-132	
Trichloroethene	1.00	0.877	88	77-120	
Trichlorofluoromethane	1.00	0.933	93	66-133	
Vinyl chloride	1.00	0.957	96	70-134	
Xylenes, Total	2.00	1.92	96	72-121	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D71882.D

Lab ID: LCS 460-720741/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0191	96	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0201	101	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0221	110	78-136	
1,1,2-Trichloroethane	0.0200	0.0204	102	75-120	
1,1-Dichloroethane	0.0200	0.0223	111	76-129	
1,1-Dichloroethene	0.0200	0.0219	109	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0203	102	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0208	104	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0158	79	60-126	
1,2-Dichlorobenzene	0.0200	0.0213	107	80-120	
1,2-Dichloroethane	0.0200	0.0180	90	70-132	
1,2-Dichloropropane	0.0200	0.0221	110	73-124	
1,3-Dichlorobenzene	0.0200	0.0217	109	80-120	
1,4-Dichlorobenzene	0.0200	0.0217	109	80-120	
2-Butanone (MEK)	0.100	0.0963	96	75-120	
2-Hexanone	0.100	0.0994	99	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.104	104	80-122	
Acetone	0.100	0.0967	97	63-131	
Benzene	0.0200	0.0230	115	80-123	
Bromoform	0.0200	0.0145	72	48-142	
Bromomethane	0.0200	0.0570	285	68-136	*
Carbon disulfide	0.0200	0.0219	110	67-136	
Carbon tetrachloride	0.0200	0.0192	96	72-136	
Chlorobenzene	0.0200	0.0216	108	80-120	
Chlorobromomethane	0.0200	0.0196	98	76-127	
Chlorodibromomethane	0.0200	0.0176	88	62-128	
Chloroethane	0.0200	0.0243	121	65-134	
Chloroform	0.0200	0.0202	101	79-126	
Chloromethane	0.0200	0.0223	111	48-150	
cis-1,2-Dichloroethene	0.0200	0.0210	105	80-123	
cis-1,3-Dichloropropene	0.0200	0.0213	106	72-120	
Cyclohexane	0.0200	0.0220	110	80-132	
Dichlorobromomethane	0.0200	0.0187	94	73-124	
Dichlorodifluoromethane	0.0200	0.0193	96	40-146	
Ethylbenzene	0.0200	0.0213	107	80-120	
Ethylene Dibromide	0.0200	0.0192	96	79-120	
Isopropylbenzene	0.0200	0.0228	114	80-120	
Methyl acetate	0.0400	0.0332	83	58-143	
Methyl tert-butyl ether	0.0200	0.0171	86	80-125	
Methylcyclohexane	0.0200	0.0216	108	79-133	
Methylene Chloride	0.0200	0.0211	106	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D71882.D

Lab ID: LCS 460-720741/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0219	109	80-120	
o-Xylene	0.0200	0.0215	108	80-120	
Styrene	0.0200	0.0207	104	80-120	
Tetrachloroethene	0.0200	0.0201	100	78-123	
Toluene	0.0200	0.0218	109	80-120	
trans-1,2-Dichloroethene	0.0200	0.0217	108	78-128	
trans-1,3-Dichloropropene	0.0200	0.0186	93	68-120	
Trichloroethene	0.0200	0.0210	105	79-120	
Trichlorofluoromethane	0.0200	0.0232	116	67-142	
Vinyl chloride	0.0200	0.0215	107	56-147	
Xylenes, Total	0.0400	0.0434	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18627.D

Lab ID: LCS 460-720746/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0230	115	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0193	97	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0270	135	78-136	
1,1,2-Trichloroethane	0.0200	0.0202	101	75-120	
1,1-Dichloroethane	0.0200	0.0223	112	76-129	
1,1-Dichloroethene	0.0200	0.0243	121	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0210	105	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0219	109	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0191	95	60-126	
1,2-Dichlorobenzene	0.0200	0.0200	100	80-120	
1,2-Dichloroethane	0.0200	0.0198	99	70-132	
1,2-Dichloropropane	0.0200	0.0197	99	73-124	
1,3-Dichlorobenzene	0.0200	0.0207	104	80-120	
1,4-Dichlorobenzene	0.0200	0.0207	104	80-120	
2-Butanone (MEK)	0.100	0.0931	93	75-120	
2-Hexanone	0.100	0.105	105	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.100	100	80-122	
Acetone	0.100	0.108	108	63-131	
Benzene	0.0200	0.0202	101	80-123	
Bromoform	0.0200	0.0182	91	48-142	
Bromomethane	0.0200	0.0192	96	68-136	
Carbon disulfide	0.0200	0.0236	118	67-136	
Carbon tetrachloride	0.0200	0.0228	114	72-136	
Chlorobenzene	0.0200	0.0197	99	80-120	
Chlorobromomethane	0.0200	0.0206	103	76-127	
Chlorodibromomethane	0.0200	0.0184	92	62-128	
Chloroethane	0.0200	0.0203	101	65-134	
Chloroform	0.0200	0.0211	105	79-126	
Chloromethane	0.0200	0.0210	105	48-150	
cis-1,2-Dichloroethene	0.0200	0.0211	105	80-123	
cis-1,3-Dichloropropene	0.0200	0.0193	96	72-120	
Cyclohexane	0.0200	0.0247	123	80-132	
Dichlorobromomethane	0.0200	0.0192	96	73-124	
Dichlorodifluoromethane	0.0200	0.0233	117	40-146	
Ethylbenzene	0.0200	0.0199	100	80-120	
Ethylene Dibromide	0.0200	0.0199	100	79-120	
Isopropylbenzene	0.0200	0.0209	104	80-120	
Methyl acetate	0.0400	0.0366	92	58-143	
Methyl tert-butyl ether	0.0200	0.0219	110	80-125	
Methylcyclohexane	0.0200	0.0244	122	79-133	
Methylene Chloride	0.0200	0.0195	97	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18627.D

Lab ID: LCS 460-720746/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0195	98	80-120	
o-Xylene	0.0200	0.0194	97	80-120	
Styrene	0.0200	0.0198	99	80-120	
Tetrachloroethene	0.0200	0.0208	104	78-123	
Toluene	0.0200	0.0196	98	80-120	
trans-1,2-Dichloroethene	0.0200	0.0224	112	78-128	
trans-1,3-Dichloropropene	0.0200	0.0193	97	68-120	
Trichloroethene	0.0200	0.0204	102	79-120	
Trichlorofluoromethane	0.0200	0.0220	110	67-142	
Vinyl chloride	0.0200	0.0215	107	56-147	
Xylenes, Total	0.0400	0.0389	97	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18657.D

Lab ID: LCS 460-721040/6 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0218	109	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0178	89	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0247	124	78-136	
1,1,2-Trichloroethane	0.0200	0.0185	92	75-120	
1,1-Dichloroethane	0.0200	0.0208	104	76-129	
1,1-Dichloroethene	0.0200	0.0226	113	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0202	101	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0218	109	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0177	89	60-126	
1,2-Dichlorobenzene	0.0200	0.0199	99	80-120	
1,2-Dichloroethane	0.0200	0.0183	91	70-132	
1,2-Dichloropropane	0.0200	0.0191	95	73-124	
1,3-Dichlorobenzene	0.0200	0.0203	102	80-120	
1,4-Dichlorobenzene	0.0200	0.0200	100	80-120	
2-Butanone (MEK)	0.100	0.0897	90	75-120	
2-Hexanone	0.100	0.0970	97	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0990	99	80-122	
Acetone	0.100	0.0987	99	63-131	
Benzene	0.0200	0.0198	99	80-123	
Bromoform	0.0200	0.0171	86	48-142	
Bromomethane	0.0200	0.0220	110	68-136	
Carbon disulfide	0.0200	0.0208	104	67-136	
Carbon tetrachloride	0.0200	0.0219	110	72-136	
Chlorobenzene	0.0200	0.0196	98	80-120	
Chlorobromomethane	0.0200	0.0200	100	76-127	
Chlorodibromomethane	0.0200	0.0173	86	62-128	
Chloroethane	0.0200	0.0234	117	65-134	
Chloroform	0.0200	0.0204	102	79-126	
Chloromethane	0.0200	0.0236	118	48-150	
cis-1,2-Dichloroethene	0.0200	0.0207	104	80-123	
cis-1,3-Dichloropropene	0.0200	0.0178	89	72-120	
Cyclohexane	0.0200	0.0242	121	80-132	
Dichlorobromomethane	0.0200	0.0180	90	73-124	
Dichlorodifluoromethane	0.0200	0.0268	134	40-146	
Ethylbenzene	0.0200	0.0209	104	80-120	
Ethylene Dibromide	0.0200	0.0181	91	79-120	
Isopropylbenzene	0.0200	0.0222	111	80-120	
Methyl acetate	0.0400	0.0339	85	58-143	
Methyl tert-butyl ether	0.0200	0.0194	97	80-125	
Methylcyclohexane	0.0200	0.0244	122	79-133	
Methylene Chloride	0.0200	0.0176	88	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18657.D

Lab ID: LCS 460-721040/6 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0203	101	80-120	
o-Xylene	0.0200	0.0203	102	80-120	
Styrene	0.0200	0.0201	101	80-120	
Tetrachloroethene	0.0200	0.0214	107	78-123	
Toluene	0.0200	0.0198	99	80-120	
trans-1,2-Dichloroethene	0.0200	0.0220	110	78-128	
trans-1,3-Dichloropropene	0.0200	0.0170	85	68-120	
Trichloroethene	0.0200	0.0204	102	79-120	
Trichlorofluoromethane	0.0200	0.0253	127	67-142	
Vinyl chloride	0.0200	0.0246	123	56-147	
Xylenes, Total	0.0400	0.0406	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129119.D

Lab ID: LCS 460-721264/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.1	95	68-128	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3	96	59-142	
1,1,2-Trichloroethane	20.0	20.0	100	74-125	
1,1-Dichloroethane	20.0	20.6	103	73-130	
1,1-Dichloroethene	20.0	18.9	95	68-133	
1,2,3-Trichlorobenzene	20.0	19.1	96	53-144	
1,2,4-Trichlorobenzene	20.0	20.0	100	64-132	
1,2-Dibromo-3-Chloropropane	20.0	20.3	102	41-143	
1,2-Dichlorobenzene	20.0	21.2	106	79-122	
1,2-Dichloroethane	20.0	19.5	97	75-121	
1,2-Dichloropropane	20.0	19.7	98	76-126	
1,3-Dichlorobenzene	20.0	20.7	104	80-121	
1,4-Dichlorobenzene	20.0	21.0	105	80-118	
2-Butanone (MEK)	100	96.6	97	69-128	
2-Hexanone	100	89.8	90	74-127	
4-Methyl-2-pentanone (MIBK)	100	98.4	98	78-125	
Acetone	100	89.8	90	61-134	
Benzene	20.0	22.4	112	78-126	
Bromoform	20.0	18.5	92	38-144	
Bromomethane	20.0	22.2	111	10-150	
Carbon disulfide	20.0	20.4	102	64-138	
Carbon tetrachloride	20.0	17.5	87	56-131	
Chlorobenzene	20.0	20.1	100	80-119	
Chlorobromomethane	20.0	19.0	95	73-126	
Chlorodibromomethane	20.0	19.1	96	58-130	
Chloroethane	20.0	21.8	109	29-150	
Chloroform	20.0	21.3	107	78-125	
Chloromethane	20.0	20.1	101	38-150	
cis-1,2-Dichloroethene	20.0	19.6	98	78-121	
cis-1,3-Dichloropropene	20.0	20.7	103	74-125	
Cyclohexane	20.0	18.9	94	67-133	
Dichlorobromomethane	20.0	18.5	92	72-121	
Dichlorodifluoromethane	20.0	17.7	89	31-150	
Ethylbenzene	20.0	19.7	98	78-120	
Ethylene Dibromide	20.0	20.0	100	69-126	
Isopropylbenzene	20.0	21.0	105	79-125	
Methyl acetate	40.0	46.6	117	70-127	
Methyl tert-butyl ether	20.0	20.4	102	65-131	
Methylcyclohexane	20.0	18.0	90	60-139	
Methylene Chloride	20.0	19.3	97	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129119.D

Lab ID: LCS 460-721264/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	20.1	101	78-123	
o-Xylene	20.0	20.6	103	78-122	
Styrene	20.0	19.8	99	75-127	
Tetrachloroethene	20.0	18.5	92	70-127	
Toluene	20.0	20.9	105	78-119	
trans-1,2-Dichloroethene	20.0	20.2	101	74-126	
trans-1,3-Dichloropropene	20.0	18.8	94	66-127	
Trichloroethene	20.0	18.5	92	71-121	
Trichlorofluoromethane	20.0	19.8	99	61-140	
Vinyl chloride	20.0	19.6	98	61-144	
Xylenes, Total	40.0	40.7	102	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P79261.D

Lab ID: LCS 460-721282/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.8	109	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2	96	59-142	
1,1,2-Trichloroethane	20.0	18.2	91	74-125	
1,1-Dichloroethane	20.0	21.5	107	73-130	
1,1-Dichloroethene	20.0	18.9	95	68-133	
1,2,3-Trichlorobenzene	20.0	18.5	92	53-144	
1,2,4-Trichlorobenzene	20.0	20.4	102	64-132	
1,2-Dibromo-3-Chloropropane	20.0	16.2	81	41-143	
1,2-Dichlorobenzene	20.0	19.4	97	79-122	
1,2-Dichloroethane	20.0	17.5	87	75-121	
1,2-Dichloropropane	20.0	22.5	112	76-126	
1,3-Dichlorobenzene	20.0	21.1	106	80-121	
1,4-Dichlorobenzene	20.0	20.1	101	80-118	
2-Butanone (MEK)	100	116	116	69-128	
2-Hexanone	100	113	113	74-127	
4-Methyl-2-pentanone (MIBK)	100	123	123	78-125	
Acetone	100	79.6	80	61-134	
Benzene	20.0	21.1	105	78-126	
Bromoform	20.0	17.7	89	38-144	
Bromomethane	20.0	20.3	101	10-150	
Carbon disulfide	20.0	17.9	89	64-138	
Carbon tetrachloride	20.0	21.8	109	56-131	
Chlorobenzene	20.0	21.2	106	80-119	
Chlorobromomethane	20.0	21.8	109	73-126	
Chlorodibromomethane	20.0	18.9	95	58-130	
Chloroethane	20.0	15.2	76	29-150	
Chloroform	20.0	20.8	104	78-125	
Chloromethane	20.0	21.4	107	38-150	
cis-1,2-Dichloroethene	20.0	22.6	113	78-121	
cis-1,3-Dichloropropene	20.0	20.1	100	74-125	
Cyclohexane	20.0	25.7	129	67-133	
Dichlorobromomethane	20.0	20.1	100	72-121	
Dichlorodifluoromethane	20.0	21.2	106	31-150	
Ethylbenzene	20.0	21.5	108	78-120	
Ethylene Dibromide	20.0	18.7	94	69-126	
Isopropylbenzene	20.0	22.6	113	79-125	
Methyl acetate	40.0	42.5	106	70-127	
Methyl tert-butyl ether	20.0	15.1	75	65-131	
Methylcyclohexane	20.0	27.1	135	60-139	
Methylene Chloride	20.0	17.6	88	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P79261.D

Lab ID: LCS 460-721282/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	22.4	112	78-123	
o-Xylene	20.0	22.9	114	78-122	
Styrene	20.0	22.8	114	75-127	
Tetrachloroethene	20.0	23.4	117	70-127	
Toluene	20.0	21.4	107	78-119	
trans-1,2-Dichloroethene	20.0	19.2	96	74-126	
trans-1,3-Dichloropropene	20.0	18.4	92	66-127	
Trichloroethene	20.0	24.1	120	71-121	
Trichlorofluoromethane	20.0	16.9	85	61-140	
Vinyl chloride	20.0	21.2	106	61-144	
Xylenes, Total	40.0	45.3	113	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129154.D

Lab ID: LCS 460-721508/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.6	88	68-128	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.7	83	59-142	
1,1,2-Trichloroethane	20.0	18.7	94	74-125	
1,1-Dichloroethane	20.0	18.6	93	73-130	
1,1-Dichloroethene	20.0	16.4	82	68-133	
1,2,3-Trichlorobenzene	20.0	19.0	95	53-144	
1,2,4-Trichlorobenzene	20.0	19.3	97	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	41-143	
1,2-Dichlorobenzene	20.0	21.3	106	79-122	
1,2-Dichloroethane	20.0	18.6	93	75-121	
1,2-Dichloropropane	20.0	18.1	91	76-126	
1,3-Dichlorobenzene	20.0	20.1	101	80-121	
1,4-Dichlorobenzene	20.0	20.6	103	80-118	
2-Butanone (MEK)	100	93.9	94	69-128	
2-Hexanone	100	88.6	89	74-127	
4-Methyl-2-pentanone (MIBK)	100	95.0	95	78-125	
Acetone	100	91.1	91	61-134	
Benzene	20.0	21.1	105	78-126	
Bromoform	20.0	18.5	92	38-144	
Bromomethane	20.0	22.5	112	10-150	
Carbon disulfide	20.0	17.3	86	64-138	
Carbon tetrachloride	20.0	16.7	84	56-131	
Chlorobenzene	20.0	19.0	95	80-119	
Chlorobromomethane	20.0	17.9	90	73-126	
Chlorodibromomethane	20.0	18.4	92	58-130	
Chloroethane	20.0	20.7	103	29-150	
Chloroform	20.0	20.0	100	78-125	
Chloromethane	20.0	17.1	86	38-150	
cis-1,2-Dichloroethene	20.0	18.5	92	78-121	
cis-1,3-Dichloropropene	20.0	19.4	97	74-125	
Cyclohexane	20.0	16.1	80	67-133	
Dichlorobromomethane	20.0	17.6	88	72-121	
Dichlorodifluoromethane	20.0	15.2	76	31-150	
Ethylbenzene	20.0	18.7	93	78-120	
Ethylene Dibromide	20.0	18.7	93	69-126	
Isopropylbenzene	20.0	19.8	99	79-125	
Methyl acetate	40.0	38.2	95	70-127	
Methyl tert-butyl ether	20.0	18.8	94	65-131	
Methylcyclohexane	20.0	15.5	78	60-139	
Methylene Chloride	20.0	17.6	88	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129154.D

Lab ID: LCS 460-721508/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	19.0	95	78-123	
o-Xylene	20.0	19.7	99	78-122	
Styrene	20.0	18.9	94	75-127	
Tetrachloroethene	20.0	17.5	88	70-127	
Toluene	20.0	19.7	98	78-119	
trans-1,2-Dichloroethene	20.0	18.5	92	74-126	
trans-1,3-Dichloropropene	20.0	17.7	88	66-127	
Trichloroethene	20.0	17.7	89	71-121	
Trichlorofluoromethane	20.0	19.3	96	61-140	
Vinyl chloride	20.0	17.4	87	61-144	
Xylenes, Total	40.0	38.8	97	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T38364.D

Lab ID: LCSD 460-720210/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	102	2	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	3	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	105	0	30	59-142	
1,1,2-Trichloroethane	20.0	20.6	103	0	30	74-125	
1,1-Dichloroethane	20.0	20.1	101	3	30	73-130	
1,1-Dichloroethene	20.0	20.3	101	1	30	68-133	
1,2,3-Trichlorobenzene	20.0	17.4	87	0	30	53-144	
1,2,4-Trichlorobenzene	20.0	18.3	92	0	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.5	93	1	30	41-143	
1,2-Dichlorobenzene	20.0	20.5	103	0	30	79-122	
1,2-Dichloroethane	20.0	20.6	103	5	30	75-121	
1,2-Dichloropropane	20.0	20.8	104	1	30	76-126	
1,3-Dichlorobenzene	20.0	19.7	99	3	30	80-121	
1,4-Dichlorobenzene	20.0	19.8	99	2	30	80-118	
2-Butanone (MEK)	100	91.4	91	1	30	69-128	
2-Hexanone	100	101	101	0	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	106	106	5	30	78-125	
Acetone	100	90.2	90	1	30	61-134	
Benzene	20.0	20.2	101	3	30	78-126	
Bromoform	20.0	20.8	104	0	30	38-144	
Bromomethane	20.0	23.6	118	6	30	10-150	
Carbon disulfide	20.0	20.6	103	2	30	64-138	
Carbon tetrachloride	20.0	20.1	100	4	30	56-131	
Chlorobenzene	20.0	20.7	104	1	30	80-119	
Chlorobromomethane	20.0	20.6	103	0	30	73-126	
Chlorodibromomethane	20.0	21.2	106	1	30	58-130	
Chloroethane	20.0	21.6	108	2	30	29-150	
Chloroform	20.0	21.4	107	1	30	78-125	
Chloromethane	20.0	18.7	94	4	30	38-150	
cis-1,2-Dichloroethene	20.0	19.3	96	6	30	78-121	
cis-1,3-Dichloropropene	20.0	20.4	102	2	30	74-125	
Cyclohexane	20.0	19.9	99	5	30	67-133	
Dichlorobromomethane	20.0	21.5	107	0	30	72-121	
Dichlorodifluoromethane	20.0	18.4	92	2	30	31-150	
Ethylbenzene	20.0	20.0	100	2	30	78-120	
Ethylene Dibromide	20.0	20.0	100	1	30	69-126	
Isopropylbenzene	20.0	19.7	98	3	30	79-125	
Methyl acetate	40.0	42.7	107	1	30	70-127	
Methyl tert-butyl ether	20.0	20.3	101	1	30	65-131	
Methylcyclohexane	20.0	20.6	103	3	30	60-139	
Methylene Chloride	20.0	20.2	101	4	30	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T38364.D

Lab ID: LCSD 460-720210/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	20.1	101	1	30	78-123	
o-Xylene	20.0	19.4	97	0	30	78-122	
Styrene	20.0	20.2	101	1	30	75-127	
Tetrachloroethene	20.0	20.0	100	4	30	70-127	
Toluene	20.0	19.8	99	2	30	78-119	
trans-1,2-Dichloroethene	20.0	19.3	97	4	30	74-126	
trans-1,3-Dichloropropene	20.0	21.0	105	3	30	66-127	
Trichloroethene	20.0	20.5	102	2	30	71-121	
Trichlorofluoromethane	20.0	22.3	112	2	30	61-140	
Vinyl chloride	20.0	20.5	103	1	30	61-144	
Xylenes, Total	40.0	39.5	99	0	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18524.D

Lab ID: LCSD 460-720240/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0225	113	9	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0211	105	9	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0244	122	8	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0217	108	7	30	75-120	
1,1-Dichloroethane	0.0200	0.0216	108	2	30	76-129	
1,1-Dichloroethene	0.0200	0.0219	109	5	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0227	114	8	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0240	120	11	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0213	107	7	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0222	111	8	30	80-120	
1,2-Dichloroethane	0.0200	0.0211	105	5	30	70-132	
1,2-Dichloropropane	0.0200	0.0212	106	7	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0222	111	9	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0224	112	10	30	80-120	
2-Butanone (MEK)	0.100	0.103	103	12	30	75-120	
2-Hexanone	0.100	0.119	119	17	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.121	121	18	30	80-122	
Acetone	0.100	0.105	105	14	30	63-131	
Benzene	0.0200	0.0216	108	5	30	80-123	
Bromoform	0.0200	0.0206	103	8	30	48-142	
Bromomethane	0.0200	0.0201	101	1	30	68-136	
Carbon disulfide	0.0200	0.0203	102	1	30	67-136	
Carbon tetrachloride	0.0200	0.0226	113	9	30	72-136	
Chlorobenzene	0.0200	0.0219	109	9	30	80-120	
Chlorobromomethane	0.0200	0.0215	107	5	30	76-127	
Chlorodibromomethane	0.0200	0.0203	102	7	30	62-128	
Chloroethane	0.0200	0.0206	103	0	30	65-134	
Chloroform	0.0200	0.0223	112	9	30	79-126	
Chloromethane	0.0200	0.0213	106	5	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0208	104	3	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0201	101	5	30	72-120	
Cyclohexane	0.0200	0.0244	122	9	30	80-132	
Dichlorobromomethane	0.0200	0.0206	103	8	30	73-124	
Dichlorodifluoromethane	0.0200	0.0237	118	2	30	40-146	
Ethylbenzene	0.0200	0.0225	113	9	30	80-120	
Ethylene Dibromide	0.0200	0.0217	109	7	30	79-120	
Isopropylbenzene	0.0200	0.0238	119	9	30	80-120	
Methyl acetate	0.0400	0.0386	96	6	30	58-143	
Methyl tert-butyl ether	0.0200	0.0207	104	5	30	80-125	
Methylcyclohexane	0.0200	0.0248	124	9	30	79-133	
Methylene Chloride	0.0200	0.0179	89	2	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18524.D

Lab ID: LCSD 460-720240/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0227	113	11	30	80-120	
o-Xylene	0.0200	0.0227	114	10	30	80-120	
Styrene	0.0200	0.0226	113	9	30	80-120	
Tetrachloroethene	0.0200	0.0227	113	7	30	78-123	
Toluene	0.0200	0.0217	109	8	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0218	109	6	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0201	100	7	30	68-120	
Trichloroethene	0.0200	0.0220	110	6	30	79-120	
Trichlorofluoromethane	0.0200	0.0227	114	2	30	67-142	
Vinyl chloride	0.0200	0.0219	110	7	30	56-147	
Xylenes, Total	0.0400	0.0454	113	11	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B628605.D

Lab ID: LCSD 460-720347/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0206	103	2	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0201	100	5	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191	95	8	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0193	97	1	30	75-120	
1,1-Dichloroethane	0.0200	0.0188	94	3	30	76-129	
1,1-Dichloroethene	0.0200	0.0182	91	3	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0203	101	2	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0212	106	5	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0197	98	2	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0194	97	3	30	80-120	
1,2-Dichloroethane	0.0200	0.0198	99	2	30	70-132	
1,2-Dichloropropane	0.0200	0.0200	100	0	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0207	103	3	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0204	102	3	30	80-120	
2-Butanone (MEK)	0.100	0.101	101	5	30	75-120	
2-Hexanone	0.100	0.0987	99	5	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0978	98	4	30	80-122	
Acetone	0.100	0.0886	89	11	30	63-131	
Benzene	0.0200	0.0204	102	4	30	80-123	
Bromoform	0.0200	0.0195	97	2	30	48-142	
Bromomethane	0.0200	0.0160	80	6	30	68-136	
Carbon disulfide	0.0200	0.0198	99	7	30	67-136	
Carbon tetrachloride	0.0200	0.0201	100	1	30	72-136	
Chlorobenzene	0.0200	0.0199	100	2	30	80-120	
Chlorobromomethane	0.0200	0.0207	104	2	30	76-127	
Chlorodibromomethane	0.0200	0.0185	93	3	30	62-128	
Chloroethane	0.0200	0.0147	73	17	30	65-134	
Chloroform	0.0200	0.0207	103	2	30	79-126	
Chloromethane	0.0200	0.0157	79	11	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0206	103	1	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0189	94	1	30	72-120	
Cyclohexane	0.0200	0.0223	112	1	30	80-132	
Dichlorobromomethane	0.0200	0.0188	94	3	30	73-124	
Dichlorodifluoromethane	0.0200	0.0178	89	4	30	40-146	
Ethylbenzene	0.0200	0.0202	101	2	30	80-120	
Ethylene Dibromide	0.0200	0.0197	98	3	30	79-120	
Isopropylbenzene	0.0200	0.0207	104	4	30	80-120	
Methyl acetate	0.0400	0.0424	106	7	30	58-143	
Methyl tert-butyl ether	0.0200	0.0197	98	0	30	80-125	
Methylcyclohexane	0.0200	0.0216	108	0	30	79-133	
Methylene Chloride	0.0200	0.0204	102	3	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B628605.D

Lab ID: LCSD 460-720347/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0203	101	0	30	80-120	
o-Xylene	0.0200	0.0205	102	1	30	80-120	
Styrene	0.0200	0.0205	103	1	30	80-120	
Tetrachloroethene	0.0200	0.0208	104	4	30	78-123	
Toluene	0.0200	0.0202	101	1	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0214	107	2	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0187	93	1	30	68-120	
Trichloroethene	0.0200	0.0203	101	2	30	79-120	
Trichlorofluoromethane	0.0200	0.0154	77	5	30	67-142	
Vinyl chloride	0.0200	0.0162	81	8	30	56-147	
Xylenes, Total	0.0400	0.0407	102	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B62633.D

Lab ID: LCSD 460-720465/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0195	97	6	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0180	90	8	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0186	93	2	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0178	89	11	30	75-120	
1,1-Dichloroethane	0.0200	0.0181	90	9	30	76-129	
1,1-Dichloroethene	0.0200	0.0173	86	8	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0176	88	13	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0192	96	9	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0181	91	1	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0183	92	9	30	80-120	
1,2-Dichloroethane	0.0200	0.0190	95	7	30	70-132	
1,2-Dichloropropane	0.0200	0.0191	96	6	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0194	97	5	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0188	94	7	30	80-120	
2-Butanone (MEK)	0.100	0.0965	97	4	30	75-120	
2-Hexanone	0.100	0.0969	97	5	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0930	93	6	30	80-122	
Acetone	0.100	0.0769	77	22	30	63-131	
Benzene	0.0200	0.0187	93	10	30	80-123	
Bromoform	0.0200	0.0173	86	3	30	48-142	
Bromomethane	0.0200	0.0177	88	8	30	68-136	
Carbon disulfide	0.0200	0.0178	89	7	30	67-136	
Carbon tetrachloride	0.0200	0.0194	97	9	30	72-136	
Chlorobenzene	0.0200	0.0183	92	10	30	80-120	
Chlorobromomethane	0.0200	0.0192	96	9	30	76-127	
Chlorodibromomethane	0.0200	0.0168	84	7	30	62-128	
Chloroethane	0.0200	0.0182	91	10	30	65-134	
Chloroform	0.0200	0.0191	96	9	30	79-126	
Chloromethane	0.0200	0.0173	86	9	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0199	100	6	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0173	87	6	30	72-120	
Cyclohexane	0.0200	0.0208	104	9	30	80-132	
Dichlorobromomethane	0.0200	0.0173	87	9	30	73-124	
Dichlorodifluoromethane	0.0200	0.0179	90	11	30	40-146	
Ethylbenzene	0.0200	0.0187	93	12	30	80-120	
Ethylene Dibromide	0.0200	0.0176	88	6	30	79-120	
Isopropylbenzene	0.0200	0.0192	96	10	30	80-120	
Methyl acetate	0.0400	0.0358	89	22	30	58-143	
Methyl tert-butyl ether	0.0200	0.0180	90	12	30	80-125	
Methylcyclohexane	0.0200	0.0205	102	10	30	79-133	
Methylene Chloride	0.0200	0.0189	94	8	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B62633.D

Lab ID: LCSD 460-720465/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0186	93	7	30	80-120	
o-Xylene	0.0200	0.0185	93	6	30	80-120	
Styrene	0.0200	0.0188	94	7	30	80-120	
Tetrachloroethene	0.0200	0.0187	94	11	30	78-123	
Toluene	0.0200	0.0183	92	9	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0193	97	6	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0163	82	14	30	68-120	
Trichloroethene	0.0200	0.0192	96	7	30	79-120	
Trichlorofluoromethane	0.0200	0.0179	89	8	30	67-142	
Vinyl chloride	0.0200	0.0185	93	10	30	56-147	
Xylenes, Total	0.0400	0.0371	93	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18575.D

Lab ID: LCSD 460-720508/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0212	106	12	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0174	87	12	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242	121	11	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0181	91	12	30	75-120	
1,1-Dichloroethane	0.0200	0.0198	99	11	30	76-129	
1,1-Dichloroethene	0.0200	0.0217	109	11	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0200	100	9	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0209	105	10	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0185	92	13	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0193	97	10	30	80-120	
1,2-Dichloroethane	0.0200	0.0179	89	12	30	70-132	
1,2-Dichloropropane	0.0200	0.0184	92	12	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0195	98	13	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0196	98	12	30	80-120	
2-Butanone (MEK)	0.100	0.0866	87	10	30	75-120	
2-Hexanone	0.100	0.0900	90	15	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0919	92	12	30	80-122	
Acetone	0.100	0.0917	92	2	30	63-131	
Benzene	0.0200	0.0200	100	12	30	80-123	
Bromoform	0.0200	0.0164	82	14	30	48-142	
Bromomethane	0.0200	0.0205	103	3	30	68-136	
Carbon disulfide	0.0200	0.0208	104	9	30	67-136	
Carbon tetrachloride	0.0200	0.0214	107	11	30	72-136	
Chlorobenzene	0.0200	0.0190	95	13	30	80-120	
Chlorobromomethane	0.0200	0.0190	95	11	30	76-127	
Chlorodibromomethane	0.0200	0.0164	82	15	30	62-128	
Chloroethane	0.0200	0.0218	109	1	30	65-134	
Chloroform	0.0200	0.0197	98	11	30	79-126	
Chloromethane	0.0200	0.0227	114	2	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0193	96	11	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0178	89	15	30	72-120	
Cyclohexane	0.0200	0.0240	120	10	30	80-132	
Dichlorobromomethane	0.0200	0.0174	87	12	30	73-124	
Dichlorodifluoromethane	0.0200	0.0237	119	7	30	40-146	
Ethylbenzene	0.0200	0.0200	100	12	30	80-120	
Ethylene Dibromide	0.0200	0.0184	92	12	30	79-120	
Isopropylbenzene	0.0200	0.0214	107	9	30	80-120	
Methyl acetate	0.0400	0.0327	82	6	30	58-143	
Methyl tert-butyl ether	0.0200	0.0184	92	12	30	80-125	
Methylcyclohexane	0.0200	0.0241	120	12	30	79-133	
Methylene Chloride	0.0200	0.0169	85	10	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18575.D

Lab ID: LCSD 460-720508/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0199	99	11	30	80-120	
o-Xylene	0.0200	0.0199	99	9	30	80-120	
Styrene	0.0200	0.0196	98	12	30	80-120	
Tetrachloroethene	0.0200	0.0212	106	10	30	78-123	
Toluene	0.0200	0.0197	98	11	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0211	106	11	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0176	88	16	30	68-120	
Trichloroethene	0.0200	0.0201	100	11	30	79-120	
Trichlorofluoromethane	0.0200	0.0236	118	6	30	67-142	
Vinyl chloride	0.0200	0.0232	116	4	30	56-147	
Xylenes, Total	0.0400	0.0398	99	10	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J05439.D

Lab ID: LCSD 460-720644/29 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.4	82	3	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	15.0	75	13	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6	103	6	30	59-142	
1,1,2-Trichloroethane	20.0	19.0	95	1	30	74-125	
1,1-Dichloroethane	20.0	19.1	95	1	30	73-130	
1,1-Dichloroethene	20.0	21.2	106	1	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.0	110	5	30	53-144	
1,2,4-Trichlorobenzene	20.0	22.0	110	7	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	13.3	66	0	30	41-143	
1,2-Dichlorobenzene	20.0	20.2	101	5	30	79-122	
1,2-Dichloroethane	20.0	18.0	90	0	30	75-121	
1,2-Dichloropropane	20.0	20.0	100	1	30	76-126	
1,3-Dichlorobenzene	20.0	19.9	100	4	30	80-121	
1,4-Dichlorobenzene	20.0	19.8	99	5	30	80-118	
2-Butanone (MEK)	100	107	107	2	30	69-128	
2-Hexanone	100	105	105	2	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	107	107	3	30	78-125	
Acetone	100	107	107	2	30	61-134	
Benzene	20.0	18.8	94	1	30	78-126	
Bromoform	20.0	13.1	65	2	30	38-144	
Bromomethane	20.0	26.1	131	1	30	10-150	
Carbon disulfide	20.0	19.4	97	2	30	64-138	
Carbon tetrachloride	20.0	15.5	77	2	30	56-131	
Chlorobenzene	20.0	20.3	101	1	30	80-119	
Chlorobromomethane	20.0	20.2	101	0	30	73-126	
Chlorodibromomethane	20.0	14.9	75	2	30	58-130	
Chloroethane	20.0	20.2	101	1	30	29-150	
Chloroform	20.0	19.9	99	0	30	78-125	
Chloromethane	20.0	20.4	102	1	30	38-150	
cis-1,2-Dichloroethene	20.0	20.6	103	2	30	78-121	
cis-1,3-Dichloropropene	20.0	17.6	88	3	30	74-125	
Cyclohexane	20.0	17.7	89	4	30	67-133	
Dichlorobromomethane	20.0	18.5	92	1	30	72-121	
Dichlorodifluoromethane	20.0	25.8	129	5	30	31-150	
Ethylbenzene	20.0	18.4	92	4	30	78-120	
Ethylene Dibromide	20.0	18.5	93	0	30	69-126	
Isopropylbenzene	20.0	19.3	96	5	30	79-125	
Methyl acetate	40.0	31.9	80	4	30	70-127	
Methyl tert-butyl ether	20.0	16.7	84	1	30	65-131	
Methylcyclohexane	20.0	20.8	104	7	30	60-139	
Methylene Chloride	20.0	20.7	104	1	30	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J05439.D

Lab ID: LCSD 460-720644/29 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	19.1	95	2	30	78-123	
o-Xylene	20.0	19.3	96	1	30	78-122	
Styrene	20.0	19.4	97	2	30	75-127	
Tetrachloroethene	20.0	20.0	100	9	30	70-127	
Toluene	20.0	18.8	94	2	30	78-119	
trans-1,2-Dichloroethene	20.0	21.1	106	0	30	74-126	
trans-1,3-Dichloropropene	20.0	16.0	80	6	30	66-127	
Trichloroethene	20.0	21.7	108	7	30	71-121	
Trichlorofluoromethane	20.0	20.2	101	3	30	61-140	
Vinyl chloride	20.0	21.1	105	1	30	61-144	
Xylenes, Total	40.0	38.3	96	2	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: E16587.D

Lab ID: LCSD 460-720646/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	1.00	0.950	95	5	30	73-121	
1,1,2,2-Tetrachloroethane	1.00	0.950	95	2	30	74-138	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.881	88	1	30	63-137	
1,1,2-Trichloroethane	1.00	0.916	92	2	30	79-120	
1,1-Dichloroethane	1.00	0.972	97	4	30	79-124	
1,1-Dichloroethene	1.00	0.894	89	4	30	72-128	
1,2,3-Trichlorobenzene	1.00	1.05	105	9	30	70-145	
1,2,4-Trichlorobenzene	1.00	1.06	106	1	30	70-138	
1,2-Dibromo-3-Chloropropane	1.00	0.802	80	0	30	73-131	
1,2-Dichlorobenzene	1.00	1.02	102	1	30	80-120	
1,2-Dichloroethane	1.00	0.904	90	1	30	73-120	
1,2-Dichloropropane	1.00	0.939	94	5	30	78-125	
1,3-Dichlorobenzene	1.00	1.03	103	5	30	80-120	
1,4-Dichlorobenzene	1.00	0.994	99	2	30	80-120	
2-Butanone (MEK)	5.00	4.58	92	3	30	73-120	
2-Hexanone	5.00	4.68	94	0	30	80-121	
4-Methyl-2-pentanone (MIBK)	5.00	4.91	98	1	30	80-120	
Acetone	5.00	4.53	91	5	30	56-127	
Benzene	1.00	0.995	100	4	30	80-120	
Bromoform	1.00	0.903	90	1	30	62-121	
Bromomethane	1.00	1.04	104	1	30	39-150	
Carbon disulfide	1.00	0.993	99	3	30	67-134	
Carbon tetrachloride	1.00	0.915	91	5	30	68-123	
Chlorobenzene	1.00	0.979	98	5	30	80-120	
Chlorobromomethane	1.00	0.898	90	1	30	80-121	
Chlorodibromomethane	1.00	0.941	94	2	30	74-120	
Chloroethane	1.00	1.45	145	8	30	61-142	*
Chloroform	1.00	0.919	92	1	30	80-120	
Chloromethane	1.00	1.04	104	6	30	61-148	
cis-1,2-Dichloroethene	1.00	1.01	101	9	30	80-120	
cis-1,3-Dichloropropene	1.00	0.953	95	0	30	71-132	
Cyclohexane	1.00	0.965	97	5	30	64-132	
Dichlorobromomethane	1.00	0.931	93	4	30	77-120	
Dichlorodifluoromethane	1.00	0.963	96	8	30	45-145	
Ethylbenzene	1.00	1.02	102	5	30	72-121	
Ethylene Dibromide	1.00	0.880	88	0	30	80-120	
Isopropylbenzene	1.00	1.05	105	8	30	67-125	
Methyl acetate	2.00	2.46	123	3	30	65-139	
Methyl tert-butyl ether	1.00	0.851	85	2	30	77-125	
Methylcyclohexane	1.00	0.944	94	6	30	61-136	
Methylene Chloride	1.00	0.940	94	3	30	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: E16587.D

Lab ID: LCSD 460-720646/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	1.00	0.989	99	3	30	72-120	
o-Xylene	1.00	1.03	103	7	30	72-123	
Styrene	1.00	0.976	98	3	30	74-124	
Tetrachloroethene	1.00	1.02	102	7	30	73-120	
Toluene	1.00	1.01	101	7	30	80-120	
trans-1,2-Dichloroethene	1.00	0.895	89	1	30	77-127	
trans-1,3-Dichloropropene	1.00	0.980	98	3	30	68-132	
Trichloroethene	1.00	0.911	91	4	30	77-120	
Trichlorofluoromethane	1.00	0.985	98	5	30	66-133	
Vinyl chloride	1.00	1.03	103	8	30	70-134	
Xylenes, Total	2.00	2.01	101	5	30	72-121	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D71883.D

Lab ID: LCSD 460-720741/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0182	91	5	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0194	97	4	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209	104	6	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0194	97	5	30	75-120	
1,1-Dichloroethane	0.0200	0.0212	106	5	30	76-129	
1,1-Dichloroethene	0.0200	0.0209	105	4	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0194	97	5	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0202	101	3	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0154	77	2	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0203	101	5	30	80-120	
1,2-Dichloroethane	0.0200	0.0172	86	5	30	70-132	
1,2-Dichloropropane	0.0200	0.0214	107	3	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0210	105	3	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0210	105	3	30	80-120	
2-Butanone (MEK)	0.100	0.0966	97	0	30	75-120	
2-Hexanone	0.100	0.0993	99	0	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.104	104	0	30	80-122	
Acetone	0.100	0.0944	94	2	30	63-131	
Benzene	0.0200	0.0217	109	6	30	80-123	
Bromoform	0.0200	0.0138	69	5	30	48-142	
Bromomethane	0.0200	0.0524	262	8	30	68-136	*
Carbon disulfide	0.0200	0.0212	106	4	30	67-136	
Carbon tetrachloride	0.0200	0.0182	91	6	30	72-136	
Chlorobenzene	0.0200	0.0207	104	4	30	80-120	
Chlorobromomethane	0.0200	0.0186	93	5	30	76-127	
Chlorodibromomethane	0.0200	0.0170	85	3	30	62-128	
Chloroethane	0.0200	0.0223	112	8	30	65-134	
Chloroform	0.0200	0.0194	97	4	30	79-126	
Chloromethane	0.0200	0.0208	104	7	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0203	101	4	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0199	99	7	30	72-120	
Cyclohexane	0.0200	0.0206	103	7	30	80-132	
Dichlorobromomethane	0.0200	0.0176	88	6	30	73-124	
Dichlorodifluoromethane	0.0200	0.0181	91	6	30	40-146	
Ethylbenzene	0.0200	0.0203	101	5	30	80-120	
Ethylene Dibromide	0.0200	0.0182	91	5	30	79-120	
Isopropylbenzene	0.0200	0.0215	107	6	30	80-120	
Methyl acetate	0.0400	0.0314	78	6	30	58-143	
Methyl tert-butyl ether	0.0200	0.0164	82	4	30	80-125	
Methylcyclohexane	0.0200	0.0207	104	4	30	79-133	
Methylene Chloride	0.0200	0.0199	99	6	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D71883.D

Lab ID: LCSD 460-720741/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0206	103	6	30	80-120	
o-Xylene	0.0200	0.0203	101	6	30	80-120	
Styrene	0.0200	0.0198	99	5	30	80-120	
Tetrachloroethene	0.0200	0.0190	95	5	30	78-123	
Toluene	0.0200	0.0206	103	6	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0210	105	3	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0176	88	6	30	68-120	
Trichloroethene	0.0200	0.0202	101	4	30	79-120	
Trichlorofluoromethane	0.0200	0.0216	108	7	30	67-142	
Vinyl chloride	0.0200	0.0202	101	6	30	56-147	
Xylenes, Total	0.0400	0.0408	102	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18628.D

Lab ID: LCSD 460-720746/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0219	109	5	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0175	87	10	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0253	127	6	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0188	94	7	30	75-120	
1,1-Dichloroethane	0.0200	0.0212	106	5	30	76-129	
1,1-Dichloroethene	0.0200	0.0225	112	8	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0198	99	6	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0206	103	6	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0173	86	10	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0192	96	4	30	80-120	
1,2-Dichloroethane	0.0200	0.0190	95	4	30	70-132	
1,2-Dichloropropane	0.0200	0.0191	96	3	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0198	99	4	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0197	99	5	30	80-120	
2-Butanone (MEK)	0.100	0.0900	90	3	30	75-120	
2-Hexanone	0.100	0.0973	97	7	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0981	98	2	30	80-122	
Acetone	0.100	0.0918	92	16	30	63-131	
Benzene	0.0200	0.0201	100	1	30	80-123	
Bromoform	0.0200	0.0170	85	7	30	48-142	
Bromomethane	0.0200	0.0198	99	3	30	68-136	
Carbon disulfide	0.0200	0.0216	108	9	30	67-136	
Carbon tetrachloride	0.0200	0.0218	109	4	30	72-136	
Chlorobenzene	0.0200	0.0191	95	3	30	80-120	
Chlorobromomethane	0.0200	0.0200	100	3	30	76-127	
Chlorodibromomethane	0.0200	0.0174	87	5	30	62-128	
Chloroethane	0.0200	0.0207	103	2	30	65-134	
Chloroform	0.0200	0.0206	103	2	30	79-126	
Chloromethane	0.0200	0.0213	107	1	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0200	100	5	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0188	94	2	30	72-120	
Cyclohexane	0.0200	0.0238	119	4	30	80-132	
Dichlorobromomethane	0.0200	0.0182	91	5	30	73-124	
Dichlorodifluoromethane	0.0200	0.0234	117	0	30	40-146	
Ethylbenzene	0.0200	0.0193	96	3	30	80-120	
Ethylene Dibromide	0.0200	0.0186	93	7	30	79-120	
Isopropylbenzene	0.0200	0.0206	103	2	30	80-120	
Methyl acetate	0.0400	0.0361	90	1	30	58-143	
Methyl tert-butyl ether	0.0200	0.0206	103	6	30	80-125	
Methylcyclohexane	0.0200	0.0237	118	3	30	79-133	
Methylene Chloride	0.0200	0.0187	93	4	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18628.D

Lab ID: LCSD 460-720746/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0190	95	3	30	80-120	
o-Xylene	0.0200	0.0189	94	3	30	80-120	
Styrene	0.0200	0.0193	96	3	30	80-120	
Tetrachloroethene	0.0200	0.0201	101	3	30	78-123	
Toluene	0.0200	0.0193	96	2	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0213	107	5	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0184	92	5	30	68-120	
Trichloroethene	0.0200	0.0198	99	3	30	79-120	
Trichlorofluoromethane	0.0200	0.0228	114	3	30	67-142	
Vinyl chloride	0.0200	0.0219	110	2	30	56-147	
Xylenes, Total	0.0400	0.0378	95	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18658.D

Lab ID: LCSD 460-721040/7 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0221	110	1	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0192	96	8	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0244	122	1	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0185	93	0	30	75-120	
1,1-Dichloroethane	0.0200	0.0206	103	1	30	76-129	
1,1-Dichloroethene	0.0200	0.0224	112	1	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0212	106	5	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0218	109	0	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0210	105	17	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0200	100	1	30	80-120	
1,2-Dichloroethane	0.0200	0.0181	90	1	30	70-132	
1,2-Dichloropropane	0.0200	0.0188	94	2	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0204	102	0	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0205	103	2	30	80-120	
2-Butanone (MEK)	0.100	0.0908	91	1	30	75-120	
2-Hexanone	0.100	0.111	111	13	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.104	104	5	30	80-122	
Acetone	0.100	0.0941	94	5	30	63-131	
Benzene	0.0200	0.0192	96	3	30	80-123	
Bromoform	0.0200	0.0185	92	8	30	48-142	
Bromomethane	0.0200	0.0212	106	4	30	68-136	
Carbon disulfide	0.0200	0.0209	105	1	30	67-136	
Carbon tetrachloride	0.0200	0.0218	109	1	30	72-136	
Chlorobenzene	0.0200	0.0194	97	1	30	80-120	
Chlorobromomethane	0.0200	0.0196	98	2	30	76-127	
Chlorodibromomethane	0.0200	0.0176	88	2	30	62-128	
Chloroethane	0.0200	0.0220	110	7	30	65-134	
Chloroform	0.0200	0.0203	101	0	30	79-126	
Chloromethane	0.0200	0.0227	113	4	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0201	101	3	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0182	91	2	30	72-120	
Cyclohexane	0.0200	0.0237	118	2	30	80-132	
Dichlorobromomethane	0.0200	0.0180	90	0	30	73-124	
Dichlorodifluoromethane	0.0200	0.0252	126	6	30	40-146	
Ethylbenzene	0.0200	0.0198	99	5	30	80-120	
Ethylene Dibromide	0.0200	0.0190	95	5	30	79-120	
Isopropylbenzene	0.0200	0.0207	104	7	30	80-120	
Methyl acetate	0.0400	0.0352	88	4	30	58-143	
Methyl tert-butyl ether	0.0200	0.0204	102	5	30	80-125	
Methylcyclohexane	0.0200	0.0236	118	3	30	79-133	
Methylene Chloride	0.0200	0.0177	88	0	30	76-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K18658.D

Lab ID: LCSD 460-721040/7 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	0.0200	0.0197	98	3	30	80-120	
o-Xylene	0.0200	0.0194	97	4	30	80-120	
Styrene	0.0200	0.0200	100	0	30	80-120	
Tetrachloroethene	0.0200	0.0208	104	3	30	78-123	
Toluene	0.0200	0.0195	97	2	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0222	111	1	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0178	89	5	30	68-120	
Trichloroethene	0.0200	0.0200	100	2	30	79-120	
Trichlorofluoromethane	0.0200	0.0245	122	4	30	67-142	
Vinyl chloride	0.0200	0.0237	118	4	30	56-147	
Xylenes, Total	0.0400	0.0391	98	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129120.D

Lab ID: LCSD 460-721264/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.0	95	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	21.9	110	4	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.1	96	1	30	59-142	
1,1,2-Trichloroethane	20.0	19.9	100	0	30	74-125	
1,1-Dichloroethane	20.0	20.3	102	1	30	73-130	
1,1-Dichloroethene	20.0	18.8	94	0	30	68-133	
1,2,3-Trichlorobenzene	20.0	19.3	96	1	30	53-144	
1,2,4-Trichlorobenzene	20.0	20.0	100	0	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	7	30	41-143	
1,2-Dichlorobenzene	20.0	20.6	103	3	30	79-122	
1,2-Dichloroethane	20.0	18.9	94	3	30	75-121	
1,2-Dichloropropane	20.0	19.2	96	3	30	76-126	
1,3-Dichlorobenzene	20.0	20.1	101	3	30	80-121	
1,4-Dichlorobenzene	20.0	20.7	104	1	30	80-118	
2-Butanone (MEK)	100	96.3	96	0	30	69-128	
2-Hexanone	100	88.1	88	2	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	96.2	96	2	30	78-125	
Acetone	100	103	103	14	30	61-134	
Benzene	20.0	22.5	112	0	30	78-126	
Bromoform	20.0	17.9	89	3	30	38-144	
Bromomethane	20.0	23.3	116	5	30	10-150	
Carbon disulfide	20.0	20.1	100	1	30	64-138	
Carbon tetrachloride	20.0	17.3	87	1	30	56-131	
Chlorobenzene	20.0	19.5	98	3	30	80-119	
Chlorobromomethane	20.0	18.5	92	3	30	73-126	
Chlorodibromomethane	20.0	18.5	92	3	30	58-130	
Chloroethane	20.0	21.4	107	2	30	29-150	
Chloroform	20.0	20.9	105	2	30	78-125	
Chloromethane	20.0	20.3	101	1	30	38-150	
cis-1,2-Dichloroethene	20.0	19.4	97	1	30	78-121	
cis-1,3-Dichloropropene	20.0	20.3	102	2	30	74-125	
Cyclohexane	20.0	18.4	92	3	30	67-133	
Dichlorobromomethane	20.0	18.2	91	1	30	72-121	
Dichlorodifluoromethane	20.0	18.1	90	2	30	31-150	
Ethylbenzene	20.0	19.8	99	1	30	78-120	
Ethylene Dibromide	20.0	19.7	98	2	30	69-126	
Isopropylbenzene	20.0	20.8	104	1	30	79-125	
Methyl acetate	40.0	45.1	113	3	30	70-127	
Methyl tert-butyl ether	20.0	20.3	101	1	30	65-131	
Methylcyclohexane	20.0	17.5	88	3	30	60-139	
Methylene Chloride	20.0	19.2	96	1	30	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129120.D

Lab ID: LCSD 460-721264/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	19.8	99	1	30	78-123	
o-Xylene	20.0	20.5	103	0	30	78-122	
Styrene	20.0	19.4	97	2	30	75-127	
Tetrachloroethene	20.0	18.5	93	0	30	70-127	
Toluene	20.0	20.7	104	1	30	78-119	
trans-1,2-Dichloroethene	20.0	20.0	100	1	30	74-126	
trans-1,3-Dichloropropene	20.0	18.3	91	3	30	66-127	
Trichloroethene	20.0	18.7	93	1	30	71-121	
Trichlorofluoromethane	20.0	20.3	102	3	30	61-140	
Vinyl chloride	20.0	20.1	101	3	30	61-144	
Xylenes, Total	40.0	40.4	101	1	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129155.D

Lab ID: LCSD 460-721508/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.6	88	0	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	21.2	106	1	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.2	86	3	30	59-142	
1,1,2-Trichloroethane	20.0	18.8	94	0	30	74-125	
1,1-Dichloroethane	20.0	18.9	95	2	30	73-130	
1,1-Dichloroethene	20.0	16.6	83	1	30	68-133	
1,2,3-Trichlorobenzene	20.0	18.4	92	3	30	53-144	
1,2,4-Trichlorobenzene	20.0	19.5	97	1	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.3	91	3	30	41-143	
1,2-Dichlorobenzene	20.0	20.7	104	3	30	79-122	
1,2-Dichloroethane	20.0	18.7	93	0	30	75-121	
1,2-Dichloropropane	20.0	18.4	92	2	30	76-126	
1,3-Dichlorobenzene	20.0	19.6	98	3	30	80-121	
1,4-Dichlorobenzene	20.0	19.9	100	3	30	80-118	
2-Butanone (MEK)	100	95.9	96	2	30	69-128	
2-Hexanone	100	84.5	84	5	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	92.5	93	3	30	78-125	
Acetone	100	85.4	85	6	30	61-134	
Benzene	20.0	20.5	103	2	30	78-126	
Bromoform	20.0	18.2	91	2	30	38-144	
Bromomethane	20.0	21.0	105	7	30	10-150	
Carbon disulfide	20.0	17.4	87	1	30	64-138	
Carbon tetrachloride	20.0	16.6	83	1	30	56-131	
Chlorobenzene	20.0	19.0	95	0	30	80-119	
Chlorobromomethane	20.0	18.4	92	2	30	73-126	
Chlorodibromomethane	20.0	18.3	92	0	30	58-130	
Chloroethane	20.0	19.0	95	8	30	29-150	
Chloroform	20.0	20.5	103	3	30	78-125	
Chloromethane	20.0	18.2	91	6	30	38-150	
cis-1,2-Dichloroethene	20.0	19.0	95	3	30	78-121	
cis-1,3-Dichloropropene	20.0	19.4	97	0	30	74-125	
Cyclohexane	20.0	16.7	83	4	30	67-133	
Dichlorobromomethane	20.0	18.0	90	2	30	72-121	
Dichlorodifluoromethane	20.0	14.7	74	3	30	31-150	
Ethylbenzene	20.0	18.5	93	1	30	78-120	
Ethylene Dibromide	20.0	19.0	95	2	30	69-126	
Isopropylbenzene	20.0	19.3	96	2	30	79-125	
Methyl acetate	40.0	42.0	105	9	30	70-127	
Methyl tert-butyl ether	20.0	18.9	95	1	30	65-131	
Methylcyclohexane	20.0	15.7	79	1	30	60-139	
Methylene Chloride	20.0	18.4	92	4	30	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT129155.D

Lab ID: LCSD 460-721508/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	18.4	92	3	30	78-123	
o-Xylene	20.0	19.4	97	2	30	78-122	
Styrene	20.0	18.6	93	2	30	75-127	
Tetrachloroethene	20.0	17.3	86	1	30	70-127	
Toluene	20.0	19.4	97	1	30	78-119	
trans-1,2-Dichloroethene	20.0	18.4	92	0	30	74-126	
trans-1,3-Dichloropropene	20.0	17.6	88	1	30	66-127	
Trichloroethene	20.0	17.8	89	0	30	71-121	
Trichlorofluoromethane	20.0	19.0	95	1	30	61-140	
Vinyl chloride	20.0	17.9	89	3	30	61-144	
Xylenes, Total	40.0	37.8	95	2	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P79270.D

Lab ID: 460-217152-B-18 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	4.5	26.3	109	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	17.6	88	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	0.31 U	20.1	100	59-142	
1,1,2-Trichloroethane	20.0	0.43 U	19.1	96	74-125	
1,1-Dichloroethane	20.0	2.5	24.6	110	73-130	
1,1-Dichloroethene	20.0	1.6	21.1	98	68-133	
1,2,3-Trichlorobenzene	20.0	0.36 U	17.8	89	53-144	
1,2,4-Trichlorobenzene	20.0	0.37 U	20.6	103	64-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	16.1	81	41-143	
1,2-Dichlorobenzene	20.0	0.43 U	20.3	101	79-122	
1,2-Dichloroethane	20.0	0.43 U	18.2	91	75-121	
1,2-Dichloropropane	20.0	0.35 U	23.9	119	76-126	
1,3-Dichlorobenzene	20.0	0.34 U	22.3	112	80-121	
1,4-Dichlorobenzene	20.0	0.33 U	21.2	106	80-118	
2-Butanone (MEK)	100	1.9 U	130	130	69-128	F1
2-Hexanone	100	1.1 U	126	126	74-127	
4-Methyl-2-pentanone (MIBK)	100	1.3 U	142	142	78-125	F1
Acetone	100	4.4 U	83.6	84	61-134	
Benzene	20.0	0.20 U	22.5	113	78-126	
Bromoform	20.0	0.54 U	19.7	99	38-144	
Bromomethane	20.0	0.55 U	21.3	107	10-150	
Carbon disulfide	20.0	0.82 U	18.4	92	64-138	
Carbon tetrachloride	20.0	0.21 U	23.0	115	56-131	
Chlorobenzene	20.0	0.38 U	22.7	114	80-119	
Chlorobromomethane	20.0	0.41 U	22.9	115	73-126	
Chlorodibromomethane	20.0	0.28 U	20.2	101	58-130	
Chloroethane	20.0	0.32 U	15.8	79	29-150	
Chloroform	20.0	0.60 J	22.4	109	78-125	
Chloromethane	20.0	0.40 U	21.8	109	38-150	
cis-1,2-Dichloroethene	20.0	3.7	26.7	115	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	21.1	105	74-125	
Cyclohexane	20.0	0.32 U	27.5	138	67-133	F1
Dichlorobromomethane	20.0	0.34 U	21.0	105	72-121	
Dichlorodifluoromethane	20.0	0.31 U	21.9	109	31-150	
Ethylbenzene	20.0	0.30 U	23.5	118	78-120	
Ethylene Dibromide	20.0	0.50 U	19.7	98	69-126	
Isopropylbenzene	20.0	0.34 U	24.5	122	79-125	
Methyl acetate	40.0	0.79 U	42.1	105	70-127	
Methyl tert-butyl ether	20.0	0.47 U	16.0	80	65-131	
Methylcyclohexane	20.0	0.26 U	28.4	142	60-139	F1
Methylene Chloride	20.0	0.32 U	18.1	90	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P79270.D

Lab ID: 460-217152-B-18 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	0.30 U	23.7	118	78-123	
o-Xylene	20.0	0.36 U	24.8	124	78-122	F1
Styrene	20.0	0.42 U	24.7	123	75-127	
Tetrachloroethene	20.0	11	33.3	113	70-127	
Toluene	20.0	0.38 U	23.1	116	78-119	
trans-1,2-Dichloroethene	20.0	0.24 U	19.6	98	74-126	
trans-1,3-Dichloropropene	20.0	0.49 U	19.8	99	66-127	
Trichloroethene	20.0	0.52 J	25.7	126	71-121	F1
Trichlorofluoromethane	20.0	0.32 U	17.8	89	61-140	
Vinyl chloride	20.0	0.17 U	21.8	109	61-144	
Xylenes, Total	40.0	0.65 U	48.4	121	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P79271.D

Lab ID: 460-217152-B-18 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	24.8	101	6	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	6	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.7	93	7	30	59-142	
1,1,2-Trichloroethane	20.0	17.7	89	7	30	74-125	
1,1-Dichloroethane	20.0	23.1	103	6	30	73-130	
1,1-Dichloroethene	20.0	19.9	91	6	30	68-133	
1,2,3-Trichlorobenzene	20.0	17.2	86	4	30	53-144	
1,2,4-Trichlorobenzene	20.0	20.2	101	2	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	16.1	81	0	30	41-143	
1,2-Dichlorobenzene	20.0	19.0	95	6	30	79-122	
1,2-Dichloroethane	20.0	16.7	84	9	30	75-121	
1,2-Dichloropropane	20.0	22.1	110	8	30	76-126	
1,3-Dichlorobenzene	20.0	21.4	107	4	30	80-121	
1,4-Dichlorobenzene	20.0	20.2	101	5	30	80-118	
2-Butanone (MEK)	100	122	122	6	30	69-128	
2-Hexanone	100	121	121	4	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	133	133	6	30	78-125	F1
Acetone	100	78.5	79	6	30	61-134	
Benzene	20.0	20.7	104	8	30	78-126	
Bromoform	20.0	18.1	91	8	30	38-144	
Bromomethane	20.0	24.5	123	14	30	10-150	
Carbon disulfide	20.0	17.6	88	5	30	64-138	
Carbon tetrachloride	20.0	22.2	111	4	30	56-131	
Chlorobenzene	20.0	21.3	107	6	30	80-119	
Chlorobromomethane	20.0	21.4	107	7	30	73-126	
Chlorodibromomethane	20.0	18.8	94	7	30	58-130	
Chloroethane	20.0	15.4	77	2	30	29-150	
Chloroform	20.0	21.0	102	6	30	78-125	
Chloromethane	20.0	20.7	103	5	30	38-150	
cis-1,2-Dichloroethene	20.0	24.3	103	9	30	78-121	
cis-1,3-Dichloropropene	20.0	19.2	96	9	30	74-125	
Cyclohexane	20.0	25.6	128	7	30	67-133	
Dichlorobromomethane	20.0	19.8	99	6	30	72-121	
Dichlorodifluoromethane	20.0	21.0	105	4	30	31-150	
Ethylbenzene	20.0	21.8	109	7	30	78-120	
Ethylene Dibromide	20.0	18.3	92	7	30	69-126	
Isopropylbenzene	20.0	22.5	113	8	30	79-125	
Methyl acetate	40.0	42.7	107	2	30	70-127	
Methyl tert-butyl ether	20.0	14.6	73	9	30	65-131	
Methylcyclohexane	20.0	26.5	132	7	30	60-139	
Methylene Chloride	20.0	17.0	85	6	30	74-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P79271.D

Lab ID: 460-217152-B-18 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	22.1	111	7	30	78-123	
o-Xylene	20.0	22.6	113	9	30	78-122	
Styrene	20.0	22.9	114	8	30	75-127	
Tetrachloroethene	20.0	31.5	104	6	30	70-127	
Toluene	20.0	21.3	106	8	30	78-119	
trans-1,2-Dichloroethene	20.0	18.5	92	6	30	74-126	
trans-1,3-Dichloropropene	20.0	17.8	89	10	30	66-127	
Trichloroethene	20.0	24.1	118	6	30	71-121	
Trichlorofluoromethane	20.0	16.7	84	6	30	61-140	
Vinyl chloride	20.0	21.0	105	4	30	61-144	
Xylenes, Total	40.0	44.8	112	8	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: B628608.D Lab Sample ID: MB 460-720347/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 08/28/2020 19:19

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720347/10	B628604.D	08/28/2020 17:45
	LCSD 460-720347/4	B628605.D	08/28/2020 18:09
SB-09_1-3_20200825	460-216817-4	B628614.D	08/28/2020 21:45
SB-03_0-2_20200825	460-216817-5	B628615.D	08/28/2020 22:09

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: B62636.D Lab Sample ID: MB 460-720465/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 08/29/2020 07:27

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720465/3	B62632.D	08/29/2020 05:36
	LCSD 460-720465/4	B62633.D	08/29/2020 06:00
SB-04_2-4_20200825	460-216817-1	B62637.D	08/29/2020 07:55
SB-02_0-2_20200825	460-216817-2	B62638.D	08/29/2020 08:19
SB-01_1-3_20200825	460-216817-3	B62639.D	08/29/2020 08:43
SB-08_2-4_20200825	460-216817-6	B62640.D	08/29/2020 09:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: D71886.D Lab Sample ID: MB 460-720741/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 08/31/2020 06:57

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720741/3	D71882.D	08/31/2020 05:02
	LCSD 460-720741/4	D71883.D	08/31/2020 05:30
	LB3 460-720511/1-A	D71897.D	08/31/2020 12:04
SB-12_0-2_20200828	460-217095-1	D71899.D	08/31/2020 13:00
SB-13_1-3_20200828	460-217095-2	D71900.D	08/31/2020 13:28
SB-14_2-4_20200828	460-217095-3	D71901.D	08/31/2020 13:55
SB-11_3-5_20200828	460-217095-4	D71902.D	08/31/2020 14:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: E16591.D Lab Sample ID: MB 460-720646/8

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS5 Date Analyzed: 08/30/2020 13:36

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720646/3	E16586.D	08/30/2020 11:28
	LCSD 460-720646/4	E16587.D	08/30/2020 11:53
SB-18_3-5_20200827	460-217009-3	E16598.D	08/30/2020 16:35

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18527.D Lab Sample ID: MB 460-720240/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 08/28/2020 12:18

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720240/4	K18523.D	08/28/2020 10:44
	LCSD 460-720240/5	K18524.D	08/28/2020 11:07
	LB3 460-719834/1-A	K18538.D	08/28/2020 16:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18578.D Lab Sample ID: MB 460-720508/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 08/29/2020 11:52

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720508/3	K18574.D	08/29/2020 10:18
	LCSD 460-720508/4	K18575.D	08/29/2020 10:41
	LB3 460-720136/1-A	K18583.D	08/29/2020 14:41
SB-15_0-2_20200826	460-216927-1	K18584.D	08/29/2020 15:04
SB-16_1-3_20200826	460-216927-2	K18585.D	08/29/2020 15:27
SB-17_0-2_20200826	460-216927-3	K18586.D	08/29/2020 15:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18631.D Lab Sample ID: MB 460-720746/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 08/31/2020 06:54

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720746/3	K18627.D	08/31/2020 05:08
	LCSD 460-720746/4	K18628.D	08/31/2020 05:32
	LB3 460-720439/1-A	K18632.D	08/31/2020 07:18
SB-10_17-19_20200827	460-217009-2	K18634.D	08/31/2020 08:04
SB-18_16-18_20200827	460-217009-4	K18635.D	08/31/2020 08:28
SB-05_1-3_20200827	460-217009-5	K18636.D	08/31/2020 08:51
SB-07_0-2_20200827	460-217009-6	K18637.D	08/31/2020 09:14
SB-07_6-8_20200827	460-217009-7	K18638.D	08/31/2020 09:37

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18660.D Lab Sample ID: MB 460-721040/9

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 09/01/2020 11:20

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-721040/6	K18657.D	09/01/2020 10:10
	LCSD 460-721040/7	K18658.D	09/01/2020 10:34
SB-10_1-3_20200827	460-217009-1	K18661.D	09/01/2020 11:43
SB-06_17-19_20200827	460-217009-11	K18664.D	09/01/2020 12:53
SB-06_6-8_20200827	460-217009-10	K18665.D	09/01/2020 13:16
SB-06_3-5_20200827	460-217009-9	K18666.D	09/01/2020 13:40
SB-07_15-17_20200827	460-217009-8	K18667.D	09/01/2020 14:03

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: T38367.D Lab Sample ID: MB 460-720210/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS15 Date Analyzed: 08/28/2020 09:36

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720210/3	T38363.D	08/28/2020 08:00
	LCSD 460-720210/4	T38364.D	08/28/2020 08:23
TB_20200825	460-216817-7	T38379.D	08/28/2020 14:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: J05419.D Lab Sample ID: MB 460-720644/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 08/30/2020 12:24

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720644/5	J05415.D	08/30/2020 10:47
TB_20200828	460-217095-5	J05421.D	08/30/2020 13:13
	LCSD 460-720644/29	J05439.D	08/30/2020 20:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: TT129123.D Lab Sample ID: MB 460-721264/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 09/02/2020 08:27

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-721264/3	TT129119.D	09/02/2020 07:04
	LCSD 460-721264/4	TT129120.D	09/02/2020 07:25
TW-18_20200828	460-217163-2	TT129141.D	09/02/2020 14:59
TW-16_20200828	460-217163-3	TT129142.D	09/02/2020 15:19
TW-13_20200828	460-217163-4	TT129143.D	09/02/2020 15:40
TW-07_20200828	460-217163-5	TT129144.D	09/02/2020 16:01
TW-10_20200828	460-217163-6	TT129145.D	09/02/2020 16:22
TW-09_20200828	460-217163-7	TT129146.D	09/02/2020 16:43

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: P79265.D Lab Sample ID: MB 460-721282/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 09/02/2020 10:47

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-721282/5	P79261.D	09/02/2020 09:14
	460-217152-B-18 MS	P79270.D	09/02/2020 12:44
	460-217152-B-18 MSD	P79271.D	09/02/2020 13:07
TW-04_20200827	460-217143-1	P79281.D	09/02/2020 16:58

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: TT129159.D Lab Sample ID: MB 460-721508/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 09/02/2020 22:01

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-721508/3	TT129154.D	09/02/2020 19:51
	LCSD 460-721508/4	TT129155.D	09/02/2020 20:20
TW-01_20200828	460-217163-1	TT129160.D	09/02/2020 22:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: P76750.D BFB Injection Date: 07/09/2020

Instrument ID: CVOAMS13 BFB Injection Time: 03:47

Analysis Batch No.: 706917

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	49.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(1.1) 1
174	Greater than 50% of mass 95	83.1	
175	5.0 - 9.0 % of mass 174	6.1	(7.4) 1
176	95.0 - 101.0 % of mass 174	81.4	(97.9) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-706917/3	P76752.D	07/09/2020	4:40
	STD5 460-706917/5	P76754.D	07/09/2020	5:33
	STD20 460-706917/6	P76755.D	07/09/2020	5:59
	STD50 460-706917/7	P76756.D	07/09/2020	6:26
	STD200 460-706917/8	P76757.D	07/09/2020	6:52
	STD500 460-706917/9	P76758.D	07/09/2020	7:18
	STD1 460-706917/17	P76766.D	07/09/2020	12:29
	ICV 460-706917/19	P76768.D	07/09/2020	13:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: P79257.D BFB Injection Date: 09/02/2020

Instrument ID: CVOAMS13 BFB Injection Time: 07:17

Analysis Batch No.: 721282

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	88.7	
175	5.0 - 9.0 % of mass 174	7.4	(8.4) 1
176	95.0 - 101.0 % of mass 174	86.4	(97.3) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-721282/4	P79260.D	09/02/2020	8:42
	LCS 460-721282/5	P79261.D	09/02/2020	9:14
	MB 460-721282/9	P79265.D	09/02/2020	10:47
	460-217152-B-18 MS	P79270.D	09/02/2020	12:44
	460-217152-B-18 MSD	P79271.D	09/02/2020	13:07
TW-04_20200827	460-217143-1	P79281.D	09/02/2020	16:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: T37104.D BFB Injection Date: 08/02/2020

Instrument ID: CVOAMS15 BFB Injection Time: 23:21

Analysis Batch No.: 713559

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.4	
75	30.0 - 60.0 % of mass 95	57.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	63.3	
175	5.0 - 9.0 % of mass 174	5.5	(8.7) 1
176	95.0 - 101.0 % of mass 174	61.3	(96.9) 1
177	5.0 - 9.0 % of mass 176	4.0	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-713559/4	T37107.D	08/03/2020	0:33
	STD05 460-713559/5	T37108.D	08/03/2020	0:57
	STD5 460-713559/7	T37110.D	08/03/2020	1:45
	STD20 460-713559/8	T37111.D	08/03/2020	2:09
	STD50 460-713559/9	T37112.D	08/03/2020	2:33
	STD200 460-713559/10	T37113.D	08/03/2020	2:57
	STD500 460-713559/11	T37114.D	08/03/2020	3:22
	STD1 460-713559/18	T37121.D	08/03/2020	6:35
	ICV 460-713559/20	T37123.D	08/03/2020	7:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: T38361.D BFB Injection Date: 08/28/2020

Instrument ID: CVOAMS15 BFB Injection Time: 07:14

Analysis Batch No.: 720210

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	53.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.5	(0.7) 1
174	Greater than 50% of mass 95	72.8	
175	5.0 - 9.0 % of mass 174	6.2	(8.5) 1
176	95.0 - 101.0 % of mass 174	72.8	(100.1) 1
177	5.0 - 9.0 % of mass 176	4.8	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720210/2	T38362.D	08/28/2020	7:36
	LCS 460-720210/3	T38363.D	08/28/2020	8:00
	LCSD 460-720210/4	T38364.D	08/28/2020	8:23
	MB 460-720210/7	T38367.D	08/28/2020	9:36
TB_20200825	460-216817-7	T38379.D	08/28/2020	14:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: TT127620.D BFB Injection Date: 08/06/2020

Instrument ID: CVOAMS17 BFB Injection Time: 09:00

Analysis Batch No.: 714481

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.2	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	76.7	
175	5.0 - 9.0 % of mass 174	4.1	(5.4) 1
176	95.0 - 101.0 % of mass 174	72.9	(95.1) 1
177	5.0 - 9.0 % of mass 176	5.0	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-714481/2	TT127621.D	08/06/2020	9:11
	STD05 460-714481/3	TT127622.D	08/06/2020	9:32
	STD1 460-714481/4	TT127623.D	08/06/2020	9:53
	STD5 460-714481/5	TT127624.D	08/06/2020	10:14
	STD20 460-714481/6	TT127625.D	08/06/2020	10:35
	STD50 460-714481/7	TT127626.D	08/06/2020	10:56
	STD200 460-714481/8	TT127627.D	08/06/2020	11:17
	STD500 460-714481/9	TT127628.D	08/06/2020	11:38
	ICV 460-714481/15	TT127634.D	08/06/2020	13:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: TT129117.D BFB Injection Date: 09/02/2020

Instrument ID: CVOAMS17 BFB Injection Time: 06:20

Analysis Batch No.: 721264

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.2	(0.2) 1
174	Greater than 50% of mass 95	78.8	
175	5.0 - 9.0 % of mass 174	5.9	(7.4) 1
176	95.0 - 101.0 % of mass 174	77.3	(98.2) 1
177	5.0 - 9.0 % of mass 176	4.8	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-721264/2	TT129118.D	09/02/2020	6:41
	LCS 460-721264/3	TT129119.D	09/02/2020	7:04
	LCSD 460-721264/4	TT129120.D	09/02/2020	7:25
	MB 460-721264/7	TT129123.D	09/02/2020	8:27
TW-18_20200828	460-217163-2	TT129141.D	09/02/2020	14:59
TW-16_20200828	460-217163-3	TT129142.D	09/02/2020	15:19
TW-13_20200828	460-217163-4	TT129143.D	09/02/2020	15:40
TW-07_20200828	460-217163-5	TT129144.D	09/02/2020	16:01
TW-10_20200828	460-217163-6	TT129145.D	09/02/2020	16:22
TW-09_20200828	460-217163-7	TT129146.D	09/02/2020	16:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: TT129152.D BFB Injection Date: 09/02/2020

Instrument ID: CVOAMS17 BFB Injection Time: 19:22

Analysis Batch No.: 721508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	47.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	79.9	
175	5.0 - 9.0 % of mass 174	6.4	(8.0) 1
176	95.0 - 101.0 % of mass 174	78.2	(97.9) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-721508/2	TT129153.D	09/02/2020	19:31
	LCS 460-721508/3	TT129154.D	09/02/2020	19:51
	LCSD 460-721508/4	TT129155.D	09/02/2020	20:20
	MB 460-721508/8	TT129159.D	09/02/2020	22:01
TW-01_20200828	460-217163-1	TT129160.D	09/02/2020	22:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: B62311.D BFB Injection Date: 08/18/2020

Instrument ID: CVOAMS2 BFB Injection Time: 09:12

Analysis Batch No.: 717631

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	48.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.5	(0.8) 1
174	Greater than 50% of mass 95	65.0	
175	5.0 - 9.0 % of mass 174	4.8	(7.3) 1
176	95.0 - 101.0 % of mass 174	62.3	(95.8) 1
177	5.0 - 9.0 % of mass 176	4.1	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-717631/4	B62314.D	08/18/2020	10:22
	STD5 460-717631/5	B62315.D	08/18/2020	10:46
	STD20 460-717631/6	B62316.D	08/18/2020	11:09
	STD50 460-717631/7	B62317.D	08/18/2020	11:33
	STD200 460-717631/8	B62318.D	08/18/2020	11:57
	STD500 460-717631/9	B62319.D	08/18/2020	12:20
	ICV 460-717631/1014	B62325-ICV.d	08/18/2020	14:39

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: B628601.D BFB Injection Date: 08/28/2020

Instrument ID: CVOAMS2 BFB Injection Time: 16:26

Analysis Batch No.: 720347

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.5	(0.6) 1
174	Greater than 50% of mass 95	80.8	
175	5.0 - 9.0 % of mass 174	5.7	(7.1) 1
176	95.0 - 101.0 % of mass 174	78.0	(96.5) 1
177	5.0 - 9.0 % of mass 176	5.0	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720347/3	B628603.D	08/28/2020	17:12
	LCS 460-720347/10	B628604.D	08/28/2020	17:45
	LCSD 460-720347/4	B628605.D	08/28/2020	18:09
	MB 460-720347/7	B628608.D	08/28/2020	19:19
SB-09_1-3_20200825	460-216817-4	B628614.D	08/28/2020	21:45
SB-03_0-2_20200825	460-216817-5	B628615.D	08/28/2020	22:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: B62630.D BFB Injection Date: 08/29/2020

Instrument ID: CVOAMS2 BFB Injection Time: 04:48

Analysis Batch No.: 720465

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.8	
75	30.0 - 60.0 % of mass 95	47.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.6	
173	Less than 2.0 % of mass 174	0.6	(0.9) 1
174	Greater than 50% of mass 95	63.5	
175	5.0 - 9.0 % of mass 174	4.6	(7.2) 1
176	95.0 - 101.0 % of mass 174	62.5	(98.4) 1
177	5.0 - 9.0 % of mass 176	3.9	(6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720465/2	B62631.D	08/29/2020	5:12
	LCS 460-720465/3	B62632.D	08/29/2020	5:36
	LCSD 460-720465/4	B62633.D	08/29/2020	6:00
	MB 460-720465/7	B62636.D	08/29/2020	7:27
SB-04_2-4_20200825	460-216817-1	B62637.D	08/29/2020	7:55
SB-02_0-2_20200825	460-216817-2	B62638.D	08/29/2020	8:19
SB-01_1-3_20200825	460-216817-3	B62639.D	08/29/2020	8:43
SB-08_2-4_20200825	460-216817-6	B62640.D	08/29/2020	9:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: D70133.D BFB Injection Date: 07/25/2020

Instrument ID: CVOAMS4 BFB Injection Time: 04:57

Analysis Batch No.: 711297

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	77.1	
175	5.0 - 9.0 % of mass 174	6.9	(9.0) 1
176	95.0 - 101.0 % of mass 174	74.8	(97.0) 1
177	5.0 - 9.0 % of mass 176	4.7	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-711297/4	D70136.D	07/25/2020	6:29
	STD5 460-711297/5	D70137.D	07/25/2020	6:57
	STD20 460-711297/6	D70138.D	07/25/2020	7:25
	STD50 460-711297/7	D70139.D	07/25/2020	7:53
	STD200 460-711297/8	D70140.D	07/25/2020	8:20
	STD500 460-711297/9	D70141.D	07/25/2020	8:48
	ICV 460-711297/13	D70145.D	07/25/2020	10:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: D71880.D BFB Injection Date: 08/31/2020

Instrument ID: CVOAMS4 BFB Injection Time: 04:13

Analysis Batch No.: 720741

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.0	
75	30.0 - 60.0 % of mass 95	48.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	76.1	
175	5.0 - 9.0 % of mass 174	5.3	(7.0) 1
176	95.0 - 101.0 % of mass 174	72.6	(95.4) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720741/2	D71881.D	08/31/2020	4:34
	LCS 460-720741/3	D71882.D	08/31/2020	5:02
	LCSD 460-720741/4	D71883.D	08/31/2020	5:30
	MB 460-720741/7	D71886.D	08/31/2020	6:57
	LB3 460-720511/1-A	D71897.D	08/31/2020	12:04
SB-12_0-2_20200828	460-217095-1	D71899.D	08/31/2020	13:00
SB-13_1-3_20200828	460-217095-2	D71900.D	08/31/2020	13:28
SB-14_2-4_20200828	460-217095-3	D71901.D	08/31/2020	13:55
SB-11_3-5_20200828	460-217095-4	D71902.D	08/31/2020	14:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: E15843.D BFB Injection Date: 08/13/2020

Instrument ID: CVOAMS5 BFB Injection Time: 05:54

Analysis Batch No.: 716277

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.2	
75	30.0 - 60.0 % of mass 95	49.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.6	(0.8) 1
174	Greater than 50% of mass 95	77.0	
175	5.0 - 9.0 % of mass 174	5.5	(7.2) 1
176	95.0 - 101.0 % of mass 174	74.6	(97.0) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-716277/3	E15845.D	08/13/2020	6:43
	STD1 460-716277/5	E15847.D	08/13/2020	7:34
	STD5 460-716277/6	E15848.D	08/13/2020	8:00
	STD20 460-716277/7	E15849.D	08/13/2020	8:26
	STD50 460-716277/8	E15850.D	08/13/2020	8:52
	STD500 460-716277/10	E15852.D	08/13/2020	9:43
	STD200 460-716277/15	E15857.D	08/13/2020	11:52
	ICV 460-716277/1020	E15862-ICV.d	08/13/2020	14:02

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: E16584.D BFB Injection Date: 08/30/2020

Instrument ID: CVOAMS5 BFB Injection Time: 10:32

Analysis Batch No.: 720646

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	49.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.6	(0.9) 1
174	Greater than 50% of mass 95	75.1	
175	5.0 - 9.0 % of mass 174	5.6	(7.4) 1
176	95.0 - 101.0 % of mass 174	73.1	(97.3) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720646/2	E16585.D	08/30/2020	11:02
	LCS 460-720646/3	E16586.D	08/30/2020	11:28
	LCSD 460-720646/4	E16587.D	08/30/2020	11:53
	MB 460-720646/8	E16591.D	08/30/2020	13:36
SB-18_3-5_20200827	460-217009-3	E16598.D	08/30/2020	16:35

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: J04650.D BFB Injection Date: 08/15/2020

Instrument ID: CVOAMS8 BFB Injection Time: 03:59

Analysis Batch No.: 716937

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	25.1
75	30.0 - 60.0 % of mass 95	52.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	63.6
175	5.0 - 9.0 % of mass 174	5.3 (8.3) 1
176	95.0 - 101.0 % of mass 174	63.6 (100.0) 1
177	5.0 - 9.0 % of mass 176	4.0 (6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-716937/3	J04652.D	08/15/2020	4:48
	STD1 460-716937/4	J04653.D	08/15/2020	5:13
	STD5 460-716937/5	J04654.D	08/15/2020	5:38
	STD20 460-716937/6	J04655.D	08/15/2020	6:03
	STD50 460-716937/7	J04656.D	08/15/2020	6:27
	STD200 460-716937/8	J04657.D	08/15/2020	6:52
	STD500 460-716937/9	J04658.D	08/15/2020	7:17
	ICV 460-716937/16	J04665.D	08/15/2020	10:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: J05411.D BFB Injection Date: 08/30/2020

Instrument ID: CVOAMS8 BFB Injection Time: 08:56

Analysis Batch No.: 720644

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.5	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.6	(0.7) 1
174	Greater than 50% of mass 95	76.3	
175	5.0 - 9.0 % of mass 174	6.4	(8.4) 1
176	95.0 - 101.0 % of mass 174	72.6	(95.2) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720644/4	J05414.D	08/30/2020	10:20
	LCS 460-720644/5	J05415.D	08/30/2020	10:47
	MB 460-720644/9	J05419.D	08/30/2020	12:24
TB_20200828	460-217095-5	J05421.D	08/30/2020	13:13
	LCSD 460-720644/29	J05439.D	08/30/2020	20:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18448.D BFB Injection Date: 08/26/2020

Instrument ID: CVOAMS9 BFB Injection Time: 19:54

Analysis Batch No.: 719740

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.9	(1.0) 1
174	Greater than 50% of mass 95	87.2	
175	5.0 - 9.0 % of mass 174	6.3	(7.3) 1
176	95.0 - 101.0 % of mass 174	85.2	(97.8) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-719740/3	K18450.D	08/26/2020	20:35
	STD5 460-719740/4	K18451.D	08/26/2020	20:59
	STD20 460-719740/5	K18452.D	08/26/2020	21:22
	STD50 460-719740/6	K18453.D	08/26/2020	21:46
	STD200 460-719740/7	K18454.D	08/26/2020	22:09
	STD500 460-719740/8	K18455.D	08/26/2020	22:33
	ICV 460-719740/16	K18463.D	08/27/2020	1:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18448.D BFB Injection Date: 08/26/2020

Instrument ID: CVOAMS9 BFB Injection Time: 19:54

Analysis Batch No.: 719741

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.9	(1.0) 1
174	Greater than 50% of mass 95	87.2	
175	5.0 - 9.0 % of mass 174	6.3	(7.3) 1
176	95.0 - 101.0 % of mass 174	85.2	(97.8) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-719741/3	K18450.D	08/26/2020	20:35
	STD5 460-719741/4	K18451.D	08/26/2020	20:59
	STD20 460-719741/5	K18452.D	08/26/2020	21:22
	STD50 460-719741/6	K18453.D	08/26/2020	21:46
	STD200 460-719741/7	K18454.D	08/26/2020	22:09
	STD500 460-719741/8	K18455.D	08/26/2020	22:33
	ICV 460-719741/16	K18463.D	08/27/2020	1:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18520.D BFB Injection Date: 08/28/2020

Instrument ID: CVOAMS9 BFB Injection Time: 09:30

Analysis Batch No.: 720240

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	46.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.8	(0.9) 1
174	Greater than 50% of mass 95	84.5	
175	5.0 - 9.0 % of mass 174	6.0	(7.1) 1
176	95.0 - 101.0 % of mass 174	84.7	(100.2) 1
177	5.0 - 9.0 % of mass 176	5.5	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720240/3	K18522.D	08/28/2020	10:20
	LCS 460-720240/4	K18523.D	08/28/2020	10:44
	LCSD 460-720240/5	K18524.D	08/28/2020	11:07
	MB 460-720240/8	K18527.D	08/28/2020	12:18
	LB3 460-719834/1-A	K18538.D	08/28/2020	16:36

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18572.D BFB Injection Date: 08/29/2020

Instrument ID: CVOAMS9 BFB Injection Time: 09:29

Analysis Batch No.: 720508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(1.1) 1
174	Greater than 50% of mass 95	84.8	
175	5.0 - 9.0 % of mass 174	6.2	(7.3) 1
176	95.0 - 101.0 % of mass 174	81.7	(96.4) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720508/2	K18573.D	08/29/2020	9:54
	LCS 460-720508/3	K18574.D	08/29/2020	10:18
	LCSD 460-720508/4	K18575.D	08/29/2020	10:41
	MB 460-720508/7	K18578.D	08/29/2020	11:52
	LB3 460-720136/1-A	K18583.D	08/29/2020	14:41
SB-15_0-2_20200826	460-216927-1	K18584.D	08/29/2020	15:04
SB-16_1-3_20200826	460-216927-2	K18585.D	08/29/2020	15:27
SB-17_0-2_20200826	460-216927-3	K18586.D	08/29/2020	15:50

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18625.D BFB Injection Date: 08/31/2020

Instrument ID: CVOAMS9 BFB Injection Time: 04:18

Analysis Batch No.: 720746

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	48.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.8	(1.0) 1
174	Greater than 50% of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	5.9	(7.3) 1
176	95.0 - 101.0 % of mass 174	79.2	(99.0) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720746/2	K18626.D	08/31/2020	4:44
	LCS 460-720746/3	K18627.D	08/31/2020	5:08
	LCSD 460-720746/4	K18628.D	08/31/2020	5:32
	MB 460-720746/7	K18631.D	08/31/2020	6:54
	LB3 460-720439/1-A	K18632.D	08/31/2020	7:18
SB-10_17-19_20200827	460-217009-2	K18634.D	08/31/2020	8:04
SB-18_16-18_20200827	460-217009-4	K18635.D	08/31/2020	8:28
SB-05_1-3_20200827	460-217009-5	K18636.D	08/31/2020	8:51
SB-07_0-2_20200827	460-217009-6	K18637.D	08/31/2020	9:14
SB-07_6-8_20200827	460-217009-7	K18638.D	08/31/2020	9:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: K18652.D BFB Injection Date: 09/01/2020

Instrument ID: CVOAMS9 BFB Injection Time: 08:06

Analysis Batch No.: 721040

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.8	(1.0) 1
174	Greater than 50% of mass 95	86.0	
175	5.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	95.0 - 101.0 % of mass 174	82.8	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-721040/2	K18653.D	09/01/2020	8:37
	LCS 460-721040/6	K18657.D	09/01/2020	10:10
	LCSD 460-721040/7	K18658.D	09/01/2020	10:34
	MB 460-721040/9	K18660.D	09/01/2020	11:20
SB-10_1-3_20200827	460-217009-1	K18661.D	09/01/2020	11:43
SB-06_17-19_20200827	460-217009-11	K18664.D	09/01/2020	12:53
SB-06_6-8_20200827	460-217009-10	K18665.D	09/01/2020	13:16
SB-06_3-5_20200827	460-217009-9	K18666.D	09/01/2020	13:40
SB-07_15-17_20200827	460-217009-8	K18667.D	09/01/2020	14:03

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-706917/6 Date Analyzed: 07/09/2020 05:59

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P76755.D Heated Purge: (Y/N) N

Calibration ID: 80959

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		241100	1.87	254900	2.85	595897	3.40
UPPER LIMIT		482200	2.37	509800	3.35	1191794	3.90
LOWER LIMIT		120550	1.37	127450	2.35	297949	2.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-706917/19		216247	1.87	234175	2.85	623023	3.40

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-706917/6 Date Analyzed: 07/09/2020 05:59

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P76755.D Heated Purge: (Y/N) N

Calibration ID: 80959

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23586	4.25	422008	6.74	238228	10.24
UPPER LIMIT		47172	4.75	844016	7.24	476456	10.74
LOWER LIMIT		11793	3.75	211004	6.24	119114	9.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-706917/19		21036	4.25	426390	6.74	236306	10.24

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721282/4 Date Analyzed: 09/02/2020 08:42

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P79260.D Heated Purge: (Y/N) N

Calibration ID: 80959

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		141810	1.86	176415	2.83	592270	3.39
UPPER LIMIT		283620	2.36	352830	3.33	1184540	3.89
LOWER LIMIT		70905	1.36	88208	2.33	296135	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721282/5		144464	1.86	174933	2.83	583263	3.39
MB 460-721282/9		146390	1.86	171873	2.83	571939	3.39
460-217152-B-18 MS		135038	1.86	152155	2.83	545416	3.39
460-217152-B-18 MSD		132727	1.86	153271	2.83	574649	3.39
460-217143-1	TW-04_20200827	134467	1.86	145616	2.83	559531	3.39

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721282/4 Date Analyzed: 09/02/2020 08:42

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P79260.D Heated Purge: (Y/N) N

Calibration ID: 80959

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17961	4.24	456044	6.72	261484	10.23
UPPER LIMIT		35922	4.74	912088	7.22	522968	10.73
LOWER LIMIT		8981	3.74	228022	6.22	130742	9.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721282/5		19267	4.25	452683	6.72	260670	10.23
MB 460-721282/9		19237	4.25	436301	6.72	244543	10.23
460-217152-B-18 MS		17839	4.25	416445	6.72	244598	10.23
460-217152-B-18 MSD		17955	4.24	446705	6.72	256608	10.23
460-217143-1	TW-04_20200827	17389	4.25	427723	6.72	246974	10.23

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-713559/8 Date Analyzed: 08/03/2020 02:09

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T37111.D Heated Purge: (Y/N) N

Calibration ID: 81400

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		42648	1.60	311975	2.34	524019	3.27
UPPER LIMIT		85296	2.10	623950	2.84	1048038	3.77
LOWER LIMIT		21324	1.10	155988	1.84	262010	2.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-713559/20		41483	1.60	296295	2.34	513729	3.28

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-713559/8 Date Analyzed: 08/03/2020 02:09

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T37111.D Heated Purge: (Y/N) N

Calibration ID: 81400

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		30053	3.94	360301	6.75	152981	10.38
UPPER LIMIT		60106	4.44	720602	7.25	305962	10.88
LOWER LIMIT		15027	3.44	180151	6.25	76491	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-713559/20		28545	3.94	355740	6.75	155702	10.38

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720210/2 Date Analyzed: 08/28/2020 07:36

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T38362.D Heated Purge: (Y/N) N

Calibration ID: 81400

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		29680	1.60	231135	2.34	414666	3.28
UPPER LIMIT		59360	2.10	462270	2.84	829332	3.78
LOWER LIMIT		14840	1.10	115568	1.84	207333	2.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720210/3		31224	1.60	247895	2.34	414864	3.28
LCSD 460-720210/4		32356	1.60	249862	2.34	425014	3.27
MB 460-720210/7		32633	1.60	251106	2.34	424012	3.28
460-216817-7	TB_20200825	28182	1.60	228333	2.34	400884	3.27

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720210/2 Date Analyzed: 08/28/2020 07:36

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T38362.D Heated Purge: (Y/N) N

Calibration ID: 81400

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19035	3.94	283247	6.75	120356	10.38
UPPER LIMIT		38070	4.44	566494	7.25	240712	10.88
LOWER LIMIT		9518	3.44	141624	6.25	60178	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720210/3		20901	3.94	281575	6.75	119417	10.38
LCSD 460-720210/4		21954	3.94	290385	6.75	122697	10.38
MB 460-720210/7		21556	3.94	287359	6.75	119548	10.38
460-216817-7	TB_20200825	19824	3.93	277166	6.75	113348	10.38

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-714481/6 Date Analyzed: 08/06/2020 10:35

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT127625.D Heated Purge: (Y/N) N

Calibration ID: 81422

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		48151	2.68	295509	3.63	509384	4.64
UPPER LIMIT		96302	3.18	591018	4.13	1018768	5.14
LOWER LIMIT		24076	2.18	147755	3.13	254692	4.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-714481/15		48878	2.67	286961	3.63	497195	4.63

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-714481/6 Date Analyzed: 08/06/2020 10:35

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT127625.D Heated Purge: (Y/N) N

Calibration ID: 81422

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28786	5.31	366793	7.95	194120	10.69
UPPER LIMIT		57572	5.81	733586	8.45	388240	11.19
LOWER LIMIT		14393	4.81	183397	7.45	97060	10.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-714481/15		27703	5.30	352827	7.94	184024	10.69

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721264/2 Date Analyzed: 09/02/2020 06:41

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT129118.D Heated Purge: (Y/N) N

Calibration ID: 81422

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		51301	2.70	319694	3.66	588333	4.66
UPPER LIMIT		102602	3.20	639388	4.16	1176666	5.16
LOWER LIMIT		25651	2.20	159847	3.16	294167	4.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721264/3		48620	2.71	319182	3.66	579101	4.66
LCSD 460-721264/4		50205	2.70	314216	3.65	579572	4.66
MB 460-721264/7		49319	2.70	307927	3.65	592402	4.66
460-217163-2	TW-18_20200828	41711	2.71	254101	3.66	501795	4.66
460-217163-3	TW-16_20200828	41380	2.71	260398	3.66	529748	4.66
460-217163-4	TW-13_20200828	40610	2.70	246123	3.65	494874	4.66
460-217163-5	TW-07_20200828	42304	2.71	262561	3.66	510287	4.66
460-217163-6	TW-10_20200828	41363	2.71	257913	3.66	509323	4.66
460-217163-7	TW-09_20200828	40105	2.70	246561	3.66	508545	4.66

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721264/2 Date Analyzed: 09/02/2020 06:41

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT129118.D Heated Purge: (Y/N) N

Calibration ID: 81422

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		30335	5.32	385702	7.96	189835	10.69
UPPER LIMIT		60670	5.82	771404	8.46	379670	11.19
LOWER LIMIT		15168	4.82	192851	7.46	94918	10.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721264/3		29194	5.32	385410	7.96	194384	10.69
LCSD 460-721264/4		28686	5.32	381553	7.96	193558	10.69
MB 460-721264/7		27953	5.32	364071	7.96	186718	10.69
460-217163-2	TW-18_20200828	23509	5.32	319171	7.96	170471	10.69
460-217163-3	TW-16_20200828	24596	5.32	332007	7.96	176500	10.69
460-217163-4	TW-13_20200828	22562	5.32	311515	7.96	167162	10.69
460-217163-5	TW-07_20200828	23449	5.33	325174	7.96	175596	10.69
460-217163-6	TW-10_20200828	23547	5.32	321685	7.96	169159	10.69
460-217163-7	TW-09_20200828	22105	5.32	314376	7.96	168388	10.69

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721508/2 Date Analyzed: 09/02/2020 19:31

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT129153.D Heated Purge: (Y/N) N

Calibration ID: 81422

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42598	2.70	289466	3.66	529130	4.66
UPPER LIMIT		85196	3.20	578932	4.16	1058260	5.16
LOWER LIMIT		21299	2.20	144733	3.16	264565	4.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721508/3		44240	2.71	272085	3.66	541126	4.66
LCSD 460-721508/4		46640	2.70	299339	3.65	533043	4.65
MB 460-721508/8		45398	2.70	298811	3.65	570735	4.65
460-217163-1	TW-01_20200828	41501	2.70	268469	3.65	532176	4.65

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721508/2 Date Analyzed: 09/02/2020 19:31

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT129153.D Heated Purge: (Y/N) N

Calibration ID: 81422

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		175055	5.31	356593	7.96	181195	10.69
UPPER LIMIT		350110	5.81	713186	8.46	362390	11.19
LOWER LIMIT		87528	4.81	178297	7.46	90598	10.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721508/3		182115	5.31	355103	7.96	179684	10.69
LCSD 460-721508/4		58614*3	5.31	362220	7.96	187752	10.69
MB 460-721508/8		23229*3	5.32	362165	7.96	189608	10.69
460-217163-1	TW-01_20200828	21033*3	5.32	329396	7.96	175179	10.69

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-717631/6 Date Analyzed: 08/18/2020 11:09

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B62316.D Heated Purge: (Y/N) Y

Calibration ID: 81618

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		463286	1.77	396111	2.59	633552	3.72
UPPER LIMIT		926572	2.27	792222	3.09	1267104	4.22
LOWER LIMIT		231643	1.27	198056	2.09	316776	3.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-717631/1014		478665	1.77	444762	2.59	688954	3.72

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-717631/6 Date Analyzed: 08/18/2020 11:09

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B62316.D Heated Purge: (Y/N) Y

Calibration ID: 81618

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		30632	4.57	444210	8.24	249127	12.59
UPPER LIMIT		61264	5.07	888420	8.74	498254	13.09
LOWER LIMIT		15316	4.07	222105	7.74	124564	12.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-717631/1014		30624	4.58	475092	8.24	264255	12.59

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720347/3 Date Analyzed: 08/28/2020 17:12

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B628603.D Heated Purge: (Y/N) Y

Calibration ID: 81618

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		479342	1.76	425125	2.59	639073	3.72
UPPER LIMIT		958684	2.26	850250	3.09	1278146	4.22
LOWER LIMIT		239671	1.26	212563	2.09	319537	3.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720347/10		514566	1.76	448682	2.59	668115	3.72
LCSD 460-720347/4		538880	1.76	454748	2.59	661415	3.72
MB 460-720347/7		545950	1.75	467899	2.60	646525	3.72
460-216817-4	SB-09_1-3_20200825	491693	1.76	438009	2.59	627289	3.71
460-216817-5	SB-03_0-2_20200825	573275	1.75	488839	2.58	633667	3.71

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720347/3 Date Analyzed: 08/28/2020 17:12

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B628603.D Heated Purge: (Y/N) Y

Calibration ID: 81618

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34640	4.58	472564	8.24	267653	12.59
UPPER LIMIT		69280	5.08	945128	8.74	535306	13.09
LOWER LIMIT		17320	4.08	236282	7.74	133827	12.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720347/10		35815	4.59	496393	8.25	277031	12.59
LCSD 460-720347/4		38031	4.57	479719	8.24	262479	12.59
MB 460-720347/7		37406	4.57	468730	8.25	251163	12.59
460-216817-4	SB-09_1-3_20200825	35647	4.56	469211	8.24	253060	12.59
460-216817-5	SB-03_0-2_20200825	37156	4.56	458524	8.24	247862	12.59

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720465/2 Date Analyzed: 08/29/2020 05:12

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B62631.D Heated Purge: (Y/N) Y

Calibration ID: 81618

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		473093	1.75	411269	2.59	614912	3.71
UPPER LIMIT		946186	2.25	822538	3.09	1229824	4.21
LOWER LIMIT		236547	1.25	205635	2.09	307456	3.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720465/3		452052	1.76	405557	2.57	601929	3.70
LCSD 460-720465/4		492096	1.76	422869	2.59	644361	3.71
MB 460-720465/7		462266	1.75	405249	2.58	664544	3.71
460-216817-1	SB-04_2-4_20200825	507815	1.76	454834	2.59	559712	3.71
460-216817-2	SB-02_0-2_20200825	494653	1.75	434722	2.59	583111	3.72
460-216817-3	SB-01_1-3_20200825	501512	1.75	441298	2.58	583912	3.71
460-216817-6	SB-08_2-4_20200825	501275	1.76	435811	2.59	596641	3.71

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720465/2 Date Analyzed: 08/29/2020 05:12

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B62631.D Heated Purge: (Y/N) Y

Calibration ID: 81618

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35549	4.57	444123	8.24	250052	12.59
UPPER LIMIT		71098	5.07	888246	8.74	500104	13.09
LOWER LIMIT		17775	4.07	222062	7.74	125026	12.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720465/3		34567	4.58	444184	8.24	242931	12.59
LCSD 460-720465/4		36569	4.59	480040	8.24	261292	12.59
MB 460-720465/7		31397	4.59	484262	8.24	257585	12.59
460-216817-1	SB-04_2-4_20200825	32837	4.57	410549	8.24	223226	12.59
460-216817-2	SB-02_0-2_20200825	30309	4.56	434490	8.24	232955	12.59
460-216817-3	SB-01_1-3_20200825	33058	4.56	428843	8.24	220526	12.59
460-216817-6	SB-08_2-4_20200825	34069	4.56	437156	8.24	237822	12.59

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-711297/6 Date Analyzed: 07/25/2020 07:25

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D70138.D Heated Purge: (Y/N) Y

Calibration ID: 81138

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		391357	3.38	291431	4.66	615159	5.99
UPPER LIMIT		782714	3.88	582862	5.16	1230318	6.49
LOWER LIMIT		195679	2.88	145716	4.16	307580	5.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-711297/13		404527	3.38	298523	4.66	618820	5.99

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-711297/6 Date Analyzed: 07/25/2020 07:25

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D70138.D Heated Purge: (Y/N) Y

Calibration ID: 81138

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		30162	6.85	404188	9.18	216636	11.01
UPPER LIMIT		60324	7.35	808376	9.68	433272	11.51
LOWER LIMIT		15081	6.35	202094	8.68	108318	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-711297/13		30621	6.85	413238	9.18	217114	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720741/2 Date Analyzed: 08/31/2020 04:34

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D71881.D Heated Purge: (Y/N) Y

Calibration ID: 81138

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		269898	3.38	256327	4.66	615687	5.99
UPPER LIMIT		539796	3.88	512654	5.16	1231374	6.49
LOWER LIMIT		134949	2.88	128164	4.16	307844	5.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720741/3		219544	3.38	215965	4.66	575771	5.99
LCSD 460-720741/4		224711	3.38	217995	4.66	594511	5.99
MB 460-720741/7		174474	3.38	170074	4.66	509459	5.99
LB3 460-720511/1-A		178615	3.38	179348	4.66	484175	5.99
460-217095-1	SB-12_0-2_20200828	208655	3.37	202597	4.65	486104	5.99
460-217095-2	SB-13_1-3_20200828	194273	3.37	186766	4.66	476833	5.99
460-217095-3	SB-14_2-4_20200828	192593	3.37	189715	4.66	474903	5.99
460-217095-4	SB-11_3-5_20200828	189145	3.37	185557	4.66	479998	5.99

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720741/2 Date Analyzed: 08/31/2020 04:34

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D71881.D Heated Purge: (Y/N) Y

Calibration ID: 81138

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23750	6.86	388650	9.19	191489	11.01
UPPER LIMIT		47500	7.36	777300	9.69	382978	11.51
LOWER LIMIT		11875	6.36	194325	8.69	95745	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720741/3		21065	6.86	364209	9.19	178422	11.01
LCSD 460-720741/4		21527	6.86	381227	9.19	183863	11.01
MB 460-720741/7		14964	6.86	329939	9.18	153133	11.01
LB3 460-720511/1-A		16165	6.85	318726	9.18	146335	11.01
460-217095-1	SB-12_0-2_20200828	17422	6.85	315453	9.18	149785	11.01
460-217095-2	SB-13_1-3_20200828	17288	6.85	310063	9.18	144072	11.01
460-217095-3	SB-14_2-4_20200828	16329	6.85	310195	9.18	144021	11.01
460-217095-4	SB-11_3-5_20200828	16628	6.85	312450	9.18	146934	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-716277/7 Date Analyzed: 08/13/2020 08:26

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E15849.D Heated Purge: (Y/N) N

Calibration ID: 81528

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		304637	1.94	252338	2.95	544389	3.51
UPPER LIMIT		609274	2.44	504676	3.45	1088778	4.01
LOWER LIMIT		152319	1.44	126169	2.45	272195	3.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-716277/1020		330258	1.94	271588	2.95	552774	3.51

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-716277/7 Date Analyzed: 08/13/2020 08:26

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E15849.D Heated Purge: (Y/N) N

Calibration ID: 81528

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		30528	4.38	454126	6.88	166117	10.39
UPPER LIMIT		61056	4.88	908252	7.38	332234	10.89
LOWER LIMIT		15264	3.88	227063	6.38	83059	9.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-716277/1020		34521	4.38	454595	6.88	173576	10.39

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720646/2 Date Analyzed: 08/30/2020 11:02

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E16585.D Heated Purge: (Y/N) N

Calibration ID: 81528

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		221920	1.93	221924	2.95	569596	3.51
UPPER LIMIT		443840	2.43	443848	3.45	1139192	4.01
LOWER LIMIT		110960	1.43	110962	2.45	284798	3.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720646/3		242879	1.93	253436	2.95	664547	3.51
LCSD 460-720646/4		242798	1.93	250077	2.95	673669	3.51
MB 460-720646/8		266197	1.93	240004	2.95	627143	3.51
460-217009-3	SB-18_3-5_20200827	267251	1.96	236479	2.95	606509	3.50

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720646/2 Date Analyzed: 08/30/2020 11:02

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E16585.D Heated Purge: (Y/N) N

Calibration ID: 81528

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24685	4.38	465673	6.87	181302	10.39
UPPER LIMIT		49370	4.88	931346	7.37	362604	10.89
LOWER LIMIT		12343	3.88	232837	6.37	90651	9.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720646/3		27433	4.37	537901	6.87	190562	10.39
LCSD 460-720646/4		27646	4.37	537317	6.88	191692	10.39
MB 460-720646/8		28685	4.38	502080	6.88	174103	10.39
460-217009-3	SB-18_3-5_20200827	30250	4.42	486349	6.87	176227	10.39

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-716937/6 Date Analyzed: 08/15/2020 06:03

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J04655.D Heated Purge: (Y/N) N

Calibration ID: 81540

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		293155	2.99	387330	4.06	400392	5.15
UPPER LIMIT		586310	3.49	774660	4.56	800784	5.65
LOWER LIMIT		146578	2.49	193665	3.56	200196	4.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-716937/16		293098	2.99	380419	4.06	399605	5.14

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-716937/6 Date Analyzed: 08/15/2020 06:03

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J04655.D Heated Purge: (Y/N) N

Calibration ID: 81540

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23329	5.86	265307	8.64	101581	10.89
UPPER LIMIT		46658	6.36	530614	9.14	203162	11.39
LOWER LIMIT		11665	5.36	132654	8.14	50791	10.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-716937/16		24130	5.86	257090	8.63	98255	10.89

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720644/4 Date Analyzed: 08/30/2020 10:20

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J05414.D Heated Purge: (Y/N) N

Calibration ID: 81540

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		167606	2.99	251193	4.06	364057	5.16
UPPER LIMIT		335212	3.49	502386	4.56	728114	5.66
LOWER LIMIT		83803	2.49	125597	3.56	182029	4.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720644/5		163621	2.99	247425	4.06	360540	5.16
MB 460-720644/9		151422	2.99	227540	4.06	357713	5.16
460-217095-5	TB_20200828	147093	2.99	219751	4.06	345043	5.15
LCSD 460-720644/29		160891	2.99	241821	4.06	357132	5.14

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720644/4 Date Analyzed: 08/30/2020 10:20

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J05414.D Heated Purge: (Y/N) N

Calibration ID: 81540

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16431	5.87	248180	8.65	101883	10.90
UPPER LIMIT		32862	6.37	496360	9.15	203766	11.40
LOWER LIMIT		8216	5.37	124090	8.15	50942	10.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720644/5		16036	5.88	251331	8.64	100376	10.89
MB 460-720644/9		14579	5.86	241606	8.64	92445	10.89
460-217095-5	TB_20200828	15217	5.87	240021	8.65	94436	10.90
LCSD 460-720644/29		16178	5.86	249190	8.64	102671	10.89

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-719740/5 Date Analyzed: 08/26/2020 21:22

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18452.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		414308	2.41	291438	3.30	510166	4.41
UPPER LIMIT		828616	2.91	582876	3.80	1020332	4.91
LOWER LIMIT		207154	1.91	145719	2.80	255083	3.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-719740/16		403680	2.41	294740	3.30	510292	4.40

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-719740/5 Date Analyzed: 08/26/2020 21:22

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18452.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		35141	5.17	347873	8.20	204021	11.82
UPPER LIMIT		70282	5.67	695746	8.70	408042	12.32
LOWER LIMIT		17571	4.67	173937	7.70	102011	11.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-719740/16		35553	5.16	346452	8.19	196925	11.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-719741/5 Date Analyzed: 08/26/2020 21:22

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18452.D Heated Purge: (Y/N) Y

Calibration ID: 81698

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		414308	2.41	291438	3.30	510166	4.41
UPPER LIMIT		828616	2.91	582876	3.80	1020332	4.91
LOWER LIMIT		207154	1.91	145719	2.80	255083	3.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-719741/16		403680	2.41	294740	3.30	510292	4.40

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: STD20 460-719741/5 Date Analyzed: 08/26/2020 21:22

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18452.D Heated Purge: (Y/N) Y

Calibration ID: 81698

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		35141	5.17	347873	8.20	204021	11.82
UPPER LIMIT		70282	5.67	695746	8.70	408042	12.32
LOWER LIMIT		17571	4.67	173937	7.70	102011	11.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-719741/16		35553	5.16	346452	8.19	196925	11.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720240/3 Date Analyzed: 08/28/2020 10:20

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18522.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		409661	2.42	293158	3.31	536552	4.41
UPPER LIMIT		819322	2.92	586316	3.81	1073104	4.91
LOWER LIMIT		204831	1.92	146579	2.81	268276	3.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720240/4		421511	2.42	303910	3.30	525424	4.41
LCSD 460-720240/5		404062	2.42	275944	3.31	513213	4.41
MB 460-720240/8		457640	2.41	336040	3.31	494137	4.41
LB3 460-719834/1-A		404121	2.42	290570	3.30	497294	4.41

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720240/3 Date Analyzed: 08/28/2020 10:20

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18522.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36266	5.18	361947	8.19	212416	11.82
UPPER LIMIT		72532	5.68	723894	8.69	424832	12.32
LOWER LIMIT		18133	4.68	180974	7.69	106208	11.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720240/4		36874	5.19	355094	8.19	211048	11.82
LCSD 460-720240/5		36484	5.20	353104	8.20	209587	11.82
MB 460-720240/8		38742	5.18	337018	8.20	202294	11.82
LB3 460-719834/1-A		34819	5.17	342664	8.19	209541	11.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720508/2 Date Analyzed: 08/29/2020 09:54

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18573.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		438328	2.42	312330	3.31	520316	4.41
UPPER LIMIT		876656	2.92	624660	3.81	1040632	4.91
LOWER LIMIT		219164	1.92	156165	2.81	260158	3.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720508/3		419557	2.41	289356	3.30	487728	4.40
LCSD 460-720508/4		435079	2.41	297018	3.30	501254	4.40
MB 460-720508/7		319652	2.39	234770	3.28	464244	4.40
LB3 460-720136/1-A		451053	2.40	304753	3.29	493193	4.40
460-216927-1	SB-15_0-2_20200826	454633	2.41	312016	3.29	529035	4.40
460-216927-2	SB-16_1-3_20200826	456699	2.41	316490	3.30	507389	4.40
460-216927-3	SB-17_0-2_20200826	566878	2.41	387496	3.31	522814	4.41

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720508/2 Date Analyzed: 08/29/2020 09:54

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18573.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		37875	5.21	358969	8.19	212952	11.83
UPPER LIMIT		75750	5.71	717938	8.69	425904	12.33
LOWER LIMIT		18938	4.71	179485	7.69	106476	11.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720508/3		35237	5.14	329691	8.19	189317	11.82
LCSD 460-720508/4		37238	5.17	339273	8.19	197879	11.83
MB 460-720508/7		25902	5.14	332010	8.19	198038	11.83
LB3 460-720136/1-A		35332	5.13	334784	8.19	207150	11.84
460-216927-1	SB-15_0-2_20200826	36170	5.14	369779	8.19	226507	11.84
460-216927-2	SB-16_1-3_20200826	37151	5.16	344104	8.19	213846	11.83
460-216927-3	SB-17_0-2_20200826	47309	5.16	354572	8.19	214868	11.83

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720746/2 Date Analyzed: 08/31/2020 04:44

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18626.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		423449	2.40	280950	3.28	508945	4.40
UPPER LIMIT		846898	2.90	561900	3.78	1017890	4.90
LOWER LIMIT		211725	1.90	140475	2.78	254473	3.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720746/3		440629	2.39	288592	3.28	498998	4.39
LCSD 460-720746/4		380155	2.40	259970	3.28	498964	4.40
MB 460-720746/7		377580	2.39	253196	3.27	482082	4.39
LB3 460-720439/1-A		341982	2.39	249445	3.28	511851	4.40
460-217009-2	SB-10_17-19_20200827	492313	2.40	326506	3.29	503697	4.40
460-217009-4	SB-18_16-18_20200827	489810	2.39	337162	3.29	512460	4.40
460-217009-5	SB-05_1-3_20200827	510039	2.42	366092	3.30	551463	4.41
460-217009-6	SB-07_0-2_20200827	498347	2.41	350969	3.30	519665	4.41
460-217009-7	SB-07_6-8_20200827	570076	2.41	367030	3.29	450904	4.40

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720746/2 Date Analyzed: 08/31/2020 04:44

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18626.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34111	5.13	350997	8.19	201397	11.82
UPPER LIMIT		68222	5.63	701994	8.69	402794	12.32
LOWER LIMIT		17056	4.63	175499	7.69	100699	11.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720746/3		35970	5.13	349672	8.19	199836	11.82
LCSD 460-720746/4		32141	5.14	341010	8.19	196670	11.82
MB 460-720746/7		29515	5.14	351991	8.19	204970	11.82
LB3 460-720439/1-A		25596	5.14	368803	8.19	214071	11.82
460-217009-2	SB-10_17-19_20200827	39505	5.13	352594	8.19	209389	11.82
460-217009-4	SB-18_16-18_20200827	37263	5.16	364716	8.19	214933	11.82
460-217009-5	SB-05_1-3_20200827	40088	5.17	388570	8.19	228577	11.82
460-217009-6	SB-07_0-2_20200827	37831	5.14	361995	8.19	214332	11.82
460-217009-7	SB-07_6-8_20200827	43243	5.16	292688	8.19	137842	11.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721040/2 Date Analyzed: 09/01/2020 08:37

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18653.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		440041	2.40	294134	3.29	529649	4.40
UPPER LIMIT		880082	2.90	588268	3.79	1059298	4.90
LOWER LIMIT		220021	1.90	147067	2.79	264825	3.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721040/6		405112	2.41	281761	3.31	526895	4.41
LCSD 460-721040/7		419614	2.42	286303	3.30	526751	4.40
MB 460-721040/9		440006	2.41	300441	3.30	509395	4.40
460-217009-1	SB-10_1-3_20200827	474133	2.41	317556	3.31	542340	4.41
460-217009-11	SB-06_17-19_20200827	619655	2.42	399567	3.31	561713	4.42
460-217009-10	SB-06_6-8_20200827	634363	2.42	403235	3.31	542084	4.41
460-217009-9	SB-06_3-5_20200827	602399	2.41	400053	3.30	555490	4.41
460-217009-8	SB-07_15-17_20200827	523733	2.41	354100	3.30	530982	4.41

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721040/2 Date Analyzed: 09/01/2020 08:37

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K18653.D Heated Purge: (Y/N) Y

Calibration ID: 81697

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		38969	5.16	369140	8.19	213402	11.82
UPPER LIMIT		77938	5.66	738280	8.69	426804	12.32
LOWER LIMIT		19485	4.66	184570	7.69	106701	11.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-721040/6		36207	5.17	367273	8.19	213620	11.82
LCSD 460-721040/7		34751	5.15	374768	8.19	217156	11.82
MB 460-721040/9		35513	5.16	349736	8.19	214954	11.83
460-217009-1	SB-10_1-3_20200827	39327	5.19	381791	8.20	237212	11.82
460-217009-11	SB-06_17-19_20200827	49687	5.19	398906	8.19	245267	11.82
460-217009-10	SB-06_6-8_20200827	50194	5.17	381267	8.19	245179	11.84
460-217009-9	SB-06_3-5_20200827	49697	5.18	381524	8.19	238469	11.83
460-217009-8	SB-07_15-17_20200827	44285	5.17	362512	8.19	224270	11.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: B62637.D

Analysis Method: 8260C Date Collected: 08/25/2020 08:20

Sample wt/vol: 3.94(g) Date Analyzed: 08/29/2020 07:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.9 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024
75-34-3	1,1-Dichloroethane	0.00027	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.00030	U	0.0013	0.00030
87-61-6	1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024
120-82-1	1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048
96-12-8	1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061
95-50-1	1,2-Dichlorobenzene	0.00019	U	0.0013	0.00019
107-06-2	1,2-Dichloroethane	0.00059	J	0.0013	0.00040
78-87-5	1,2-Dichloropropane	0.00056	U	0.0013	0.00056
541-73-1	1,3-Dichlorobenzene	0.00021	U	0.0013	0.00021
106-46-7	1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030
78-93-3	2-Butanone (MEK)	0.0036	U	0.0067	0.0036
591-78-6	2-Hexanone	0.0023	U	0.0067	0.0023
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021
67-64-1	Acetone	0.0076	U	0.0080	0.0076
71-43-2	Benzene	0.00034	U	0.0013	0.00034
75-25-2	Bromoform	0.00057	U	0.0013	0.00057
74-83-9	Bromomethane	0.00063	U	0.0013	0.00063
75-15-0	Carbon disulfide	0.00036	U	0.0013	0.00036
56-23-5	Carbon tetrachloride	0.00052	U	0.0013	0.00052
108-90-7	Chlorobenzene	0.00024	U	0.0013	0.00024
74-97-5	Chlorobromomethane	0.00038	U	0.0013	0.00038
124-48-1	Chlorodibromomethane	0.00026	U	0.0013	0.00026
75-00-3	Chloroethane	0.00070	U	0.0013	0.00070
67-66-3	Chloroform	0.00043	U	0.0013	0.00043
74-87-3	Chloromethane	0.00058	U	0.0013	0.00058
156-59-2	cis-1,2-Dichloroethene	0.00020	U	0.0013	0.00020
10061-01-5	cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
110-82-7	Cyclohexane	0.00030	U	0.0013	0.00030
75-27-4	Dichlorobromomethane	0.00034	U	0.0013	0.00034
75-71-8	Dichlorodifluoromethane	0.00045	U	0.0013	0.00045
100-41-4	Ethylbenzene	0.00027	U	0.0013	0.00027

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: B62637.D

Analysis Method: 8260C Date Collected: 08/25/2020 08:20

Sample wt/vol: 3.94(g) Date Analyzed: 08/29/2020 07:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.9 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00024	U	0.0013	0.00024
98-82-8	Isopropylbenzene	0.00017	U	0.0013	0.00017
79-20-9	Methyl acetate	0.0057	U	0.0067	0.0057
1634-04-4	Methyl tert-butyl ether	0.00017	U	0.0013	0.00017
108-87-2	Methylcyclohexane	0.00067	U	0.0013	0.00067
75-09-2	Methylene Chloride	0.00068	J	0.0013	0.00062
179601-23-1	m-Xylene & p-Xylene	0.00023	U	0.0013	0.00023
95-47-6	o-Xylene	0.00026	U	0.0013	0.00026
100-42-5	Styrene	0.00037	U	0.0013	0.00037
127-18-4	Tetrachloroethene	0.00093	J	0.0013	0.00019
108-88-3	Toluene	0.00068	J	0.0013	0.00031
156-60-5	trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
79-01-6	Trichloroethene	0.00019	U	0.0013	0.00019
75-69-4	Trichlorofluoromethane	0.00054	U	0.0013	0.00054
75-01-4	Vinyl chloride	0.00073	U	0.0013	0.00073
1330-20-7	Xylenes, Total	0.00023	U	0.0027	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		77-145
460-00-4	4-Bromofluorobenzene	116		79-125
1868-53-7	Dibromofluoromethane (Surr)	117		48-150
2037-26-5	Toluene-d8 (Surr)	108		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: B62637.D

Analysis Method: 8260C Date Collected: 08/25/2020 08:20

Sample wt/vol: 3.94(g) Date Analyzed: 08/29/2020 07:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.9 Level: (low/med) Low

Analysis Batch No.: 720465 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D
Lims ID: 460-216817-C-1-A
Client ID: SB-04_2-4_20200825
Sample Type: Client
Inject. Date: 29-Aug-2020 07:55:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-C-1-A
Misc. Info.: 460-0115948-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:13:47 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:20:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Methylene Chloride	84	1.678	1.672	0.006	30	2637	0.5107	
* 29 TBA-d9 (IS)	65	1.764	1.758	0.006	0	507815	1000.0	
* 40 2-Butanone-d5	46	2.587	2.574	0.013	0	454834	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.032	0.006	97	216911	58.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.343	0.006	0	273414	61.2	
57 1,2-Dichloroethane	62	3.428	3.422	0.006	64	2542	0.4397	M
* 60 Fluorobenzene	96	3.709	3.702	0.007	98	559712	50.0	
* 68 1,4-Dioxane-d8	96	4.574	4.580	-0.006	0	32837	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.793	5.793	0.000	98	821943	53.8	
78 Toluene	91	5.897	5.891	0.006	68	9375	0.5128	M
81 Tetrachloroethene	166	6.751	6.763	-0.012	87	2820	0.6956	
* 86 Chlorobenzene-d5	117	8.244	8.238	0.006	90	410549	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	88	233423	58.1	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	223226	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

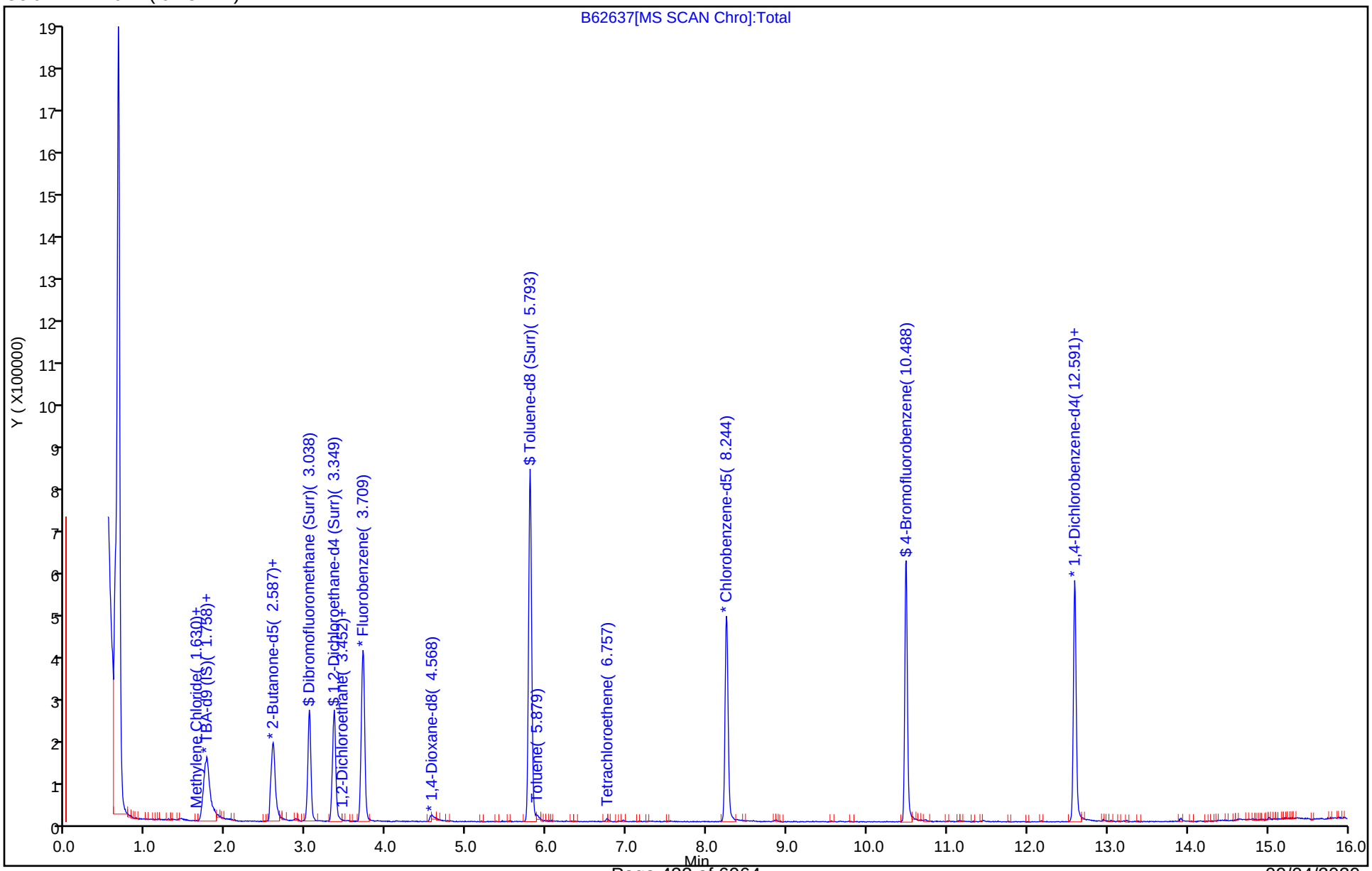
Report Date: 31-Aug-2020 10:13:48 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D

Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1	Worklist Smp#:	8
Client ID:	SB-04_2-4_20200825				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

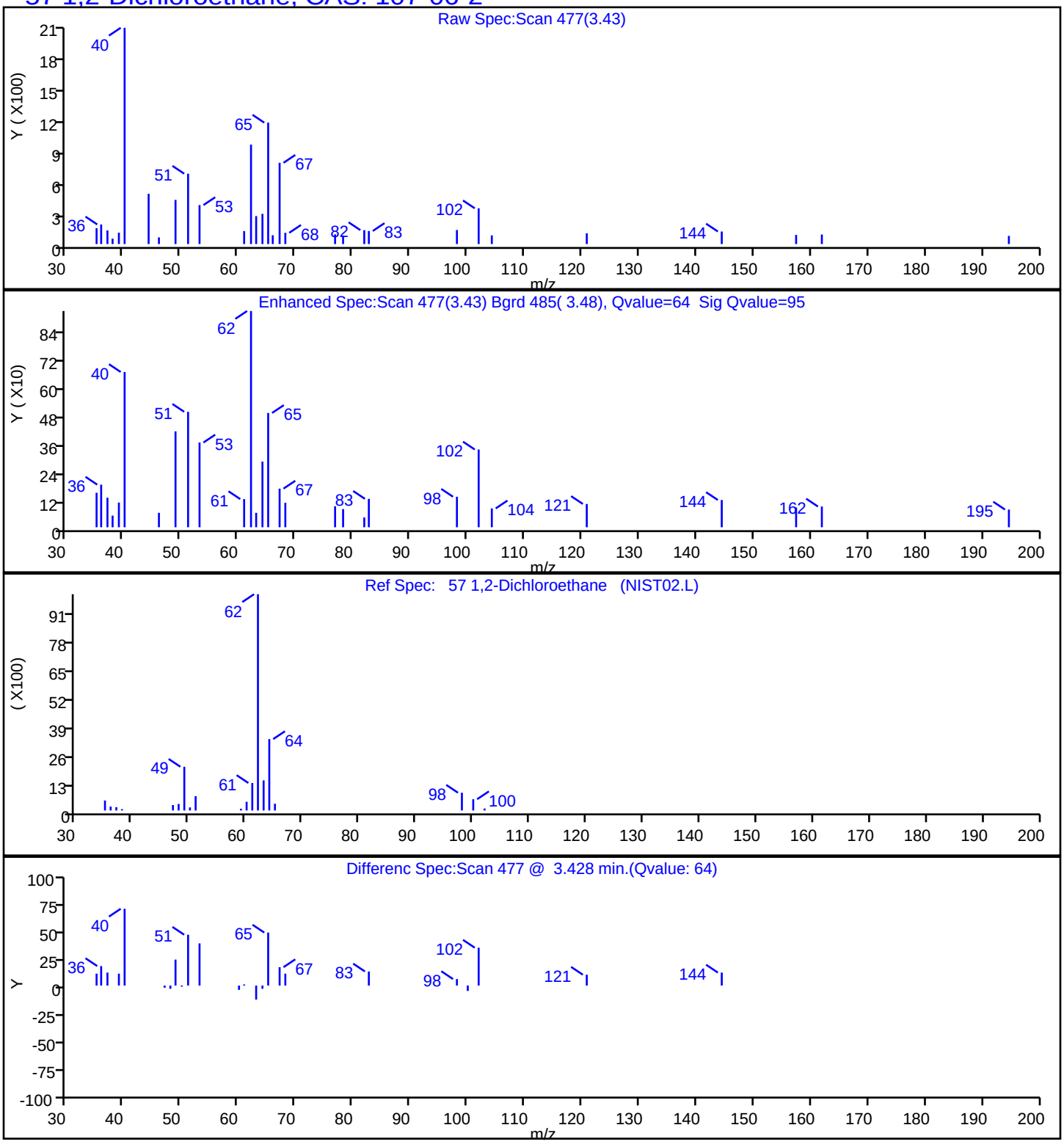
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D				
Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2		
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

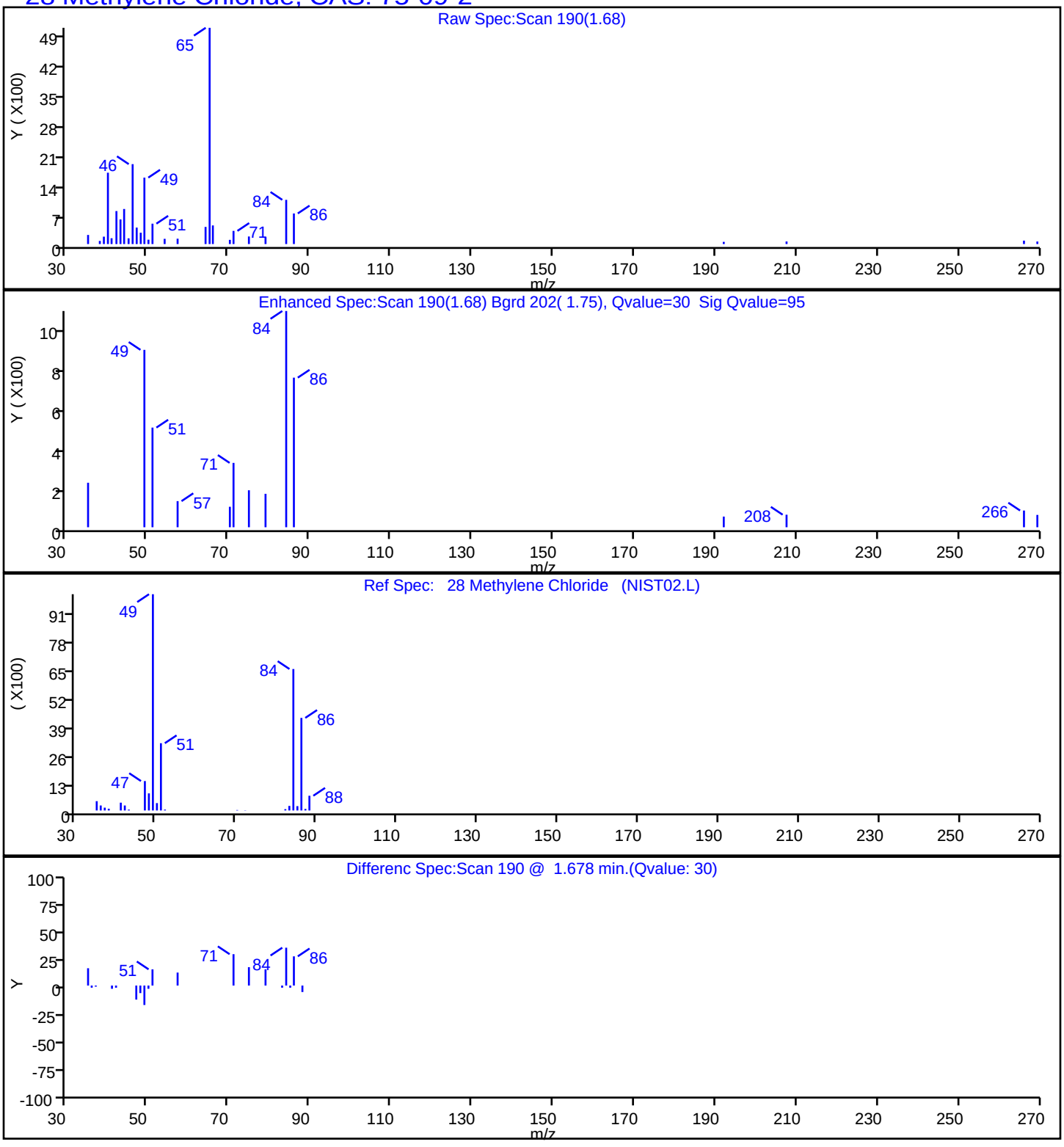
57 1,2-Dichloroethane, CAS: 107-06-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D		
Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1
Client ID:	SB-04_2-4_20200825		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

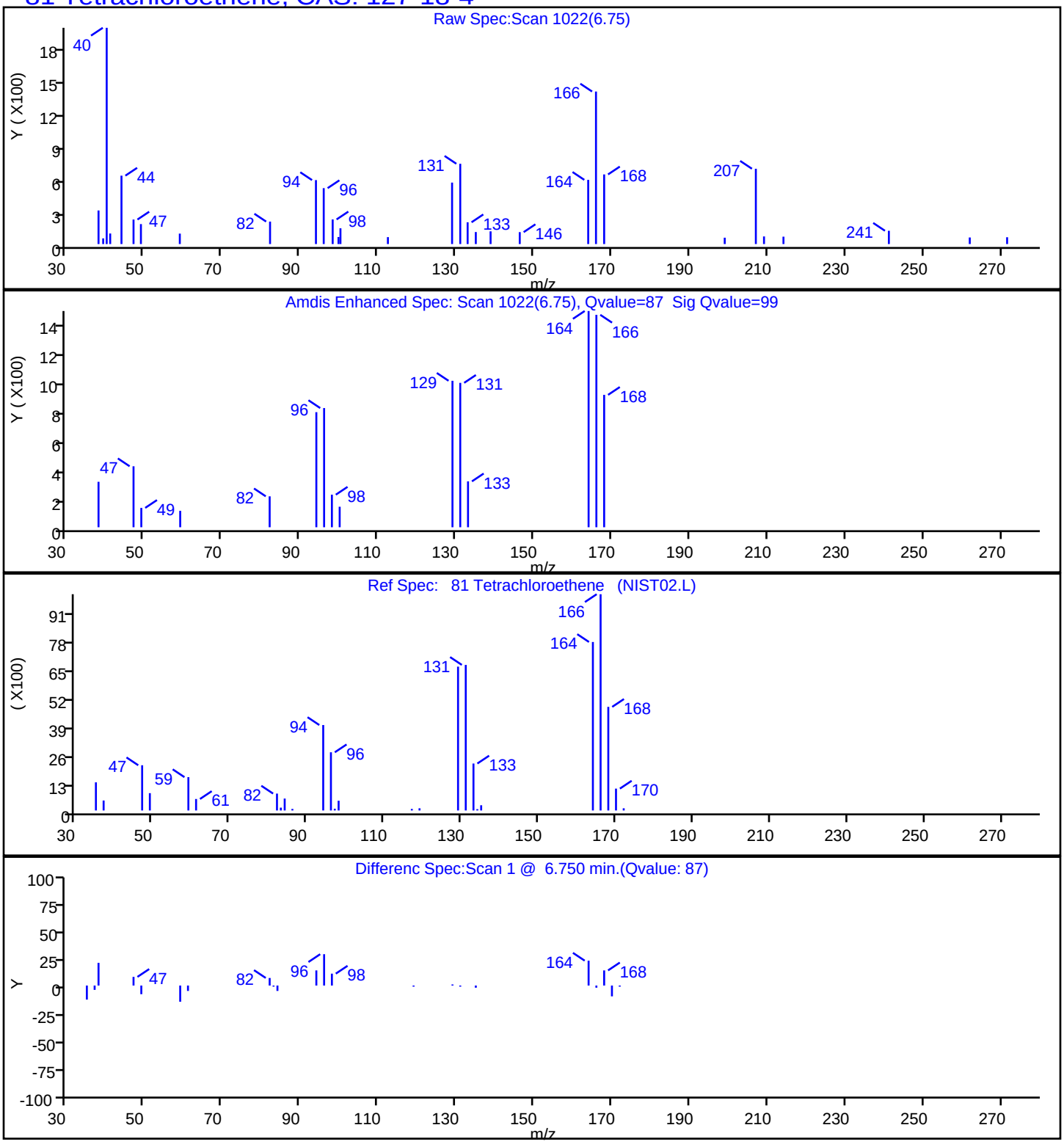
28 Methylene Chloride, CAS: 75-09-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D		
Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1
Client ID:	SB-04_2-4_20200825		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

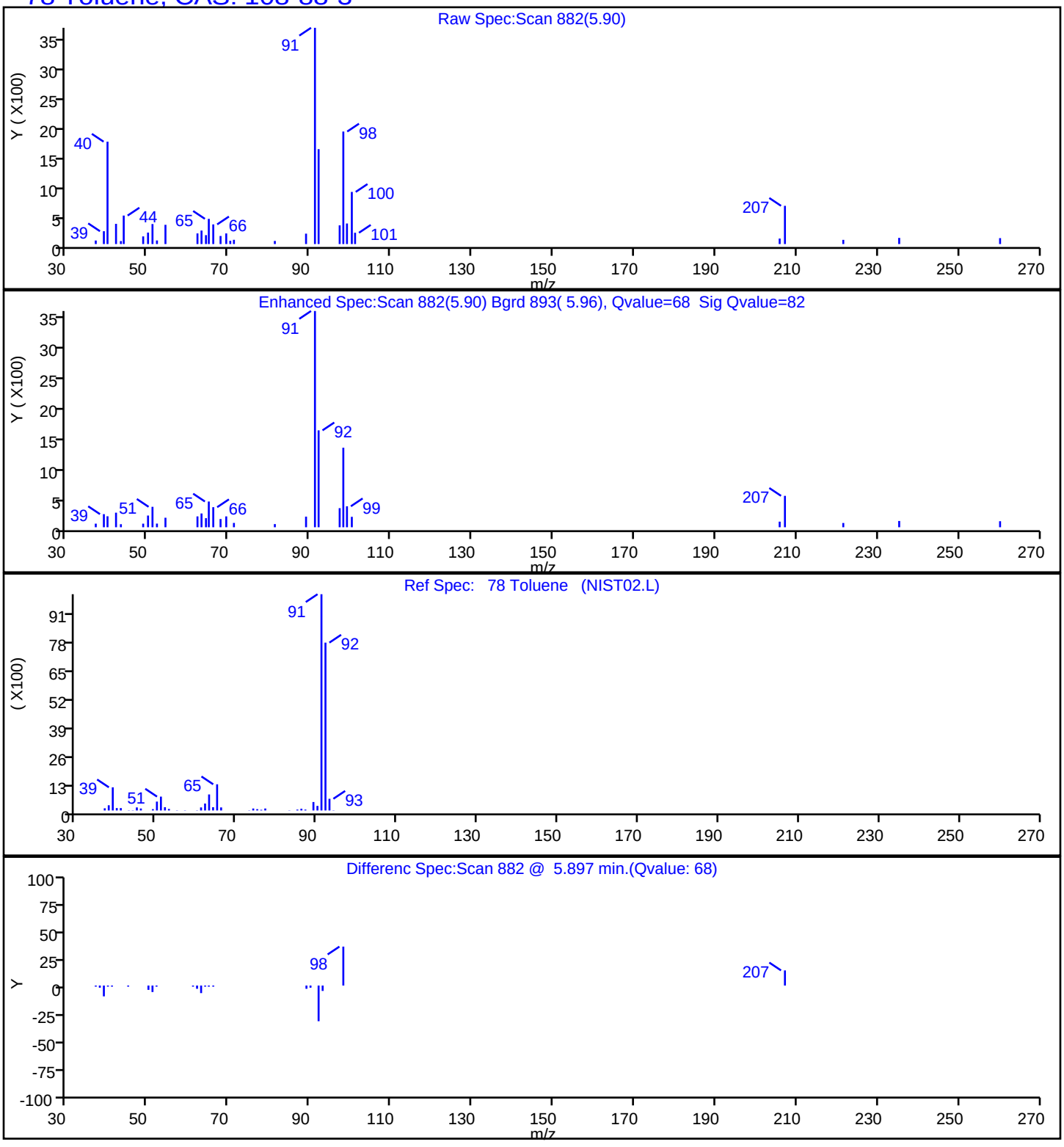
81 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D		
Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1
Client ID:	SB-04_2-4_20200825		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

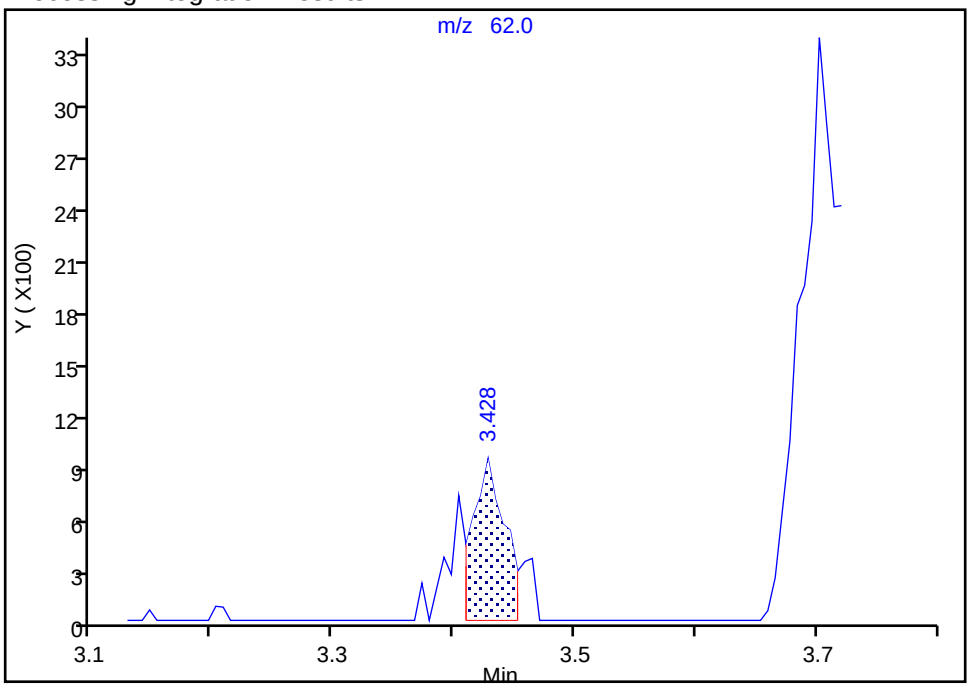
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D				
Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2		
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

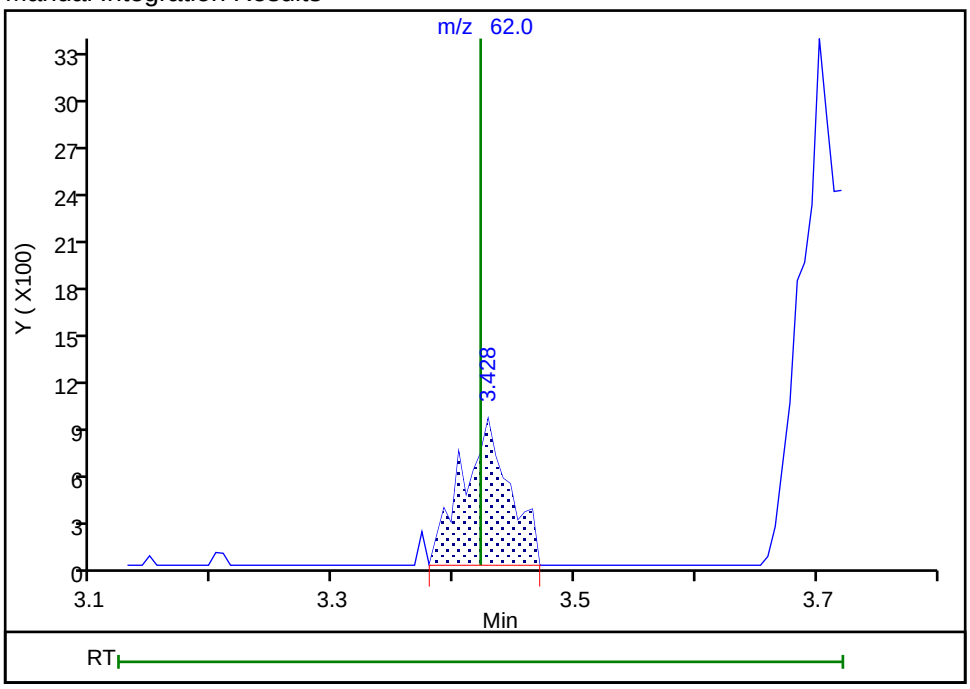
Processing Integration Results

RT: 3.43
Area: 1730
Amount: 0.299246
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 2542
Amount: 0.439702
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 10:13:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

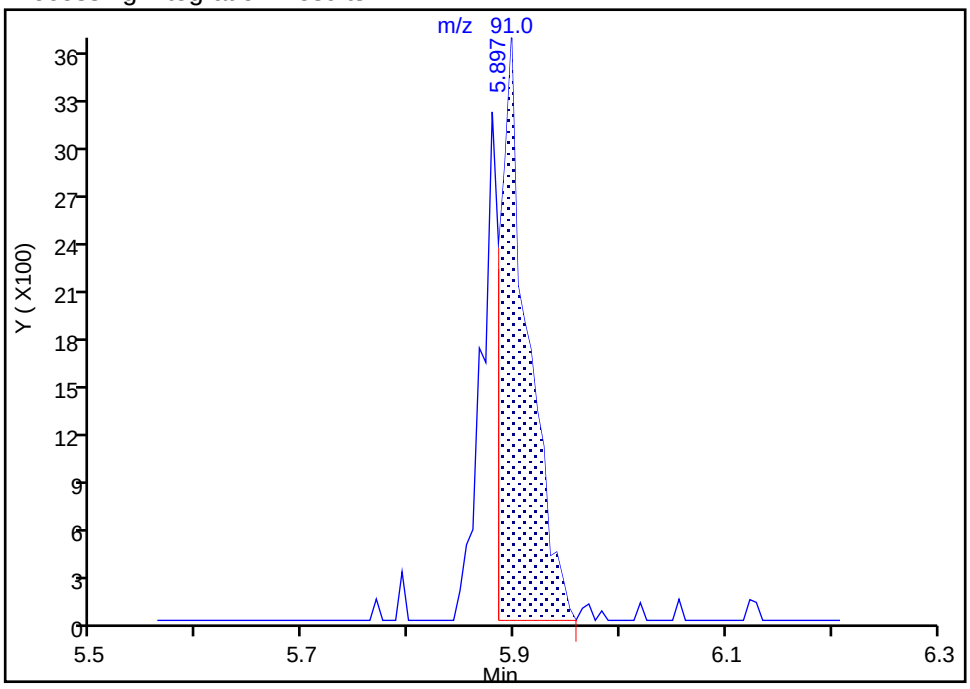
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62637.D		
Injection Date:	29-Aug-2020 07:55:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-1-A	Lab Sample ID:	460-216817-1
Client ID:	SB-04_2-4_20200825		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3

Signal: 1

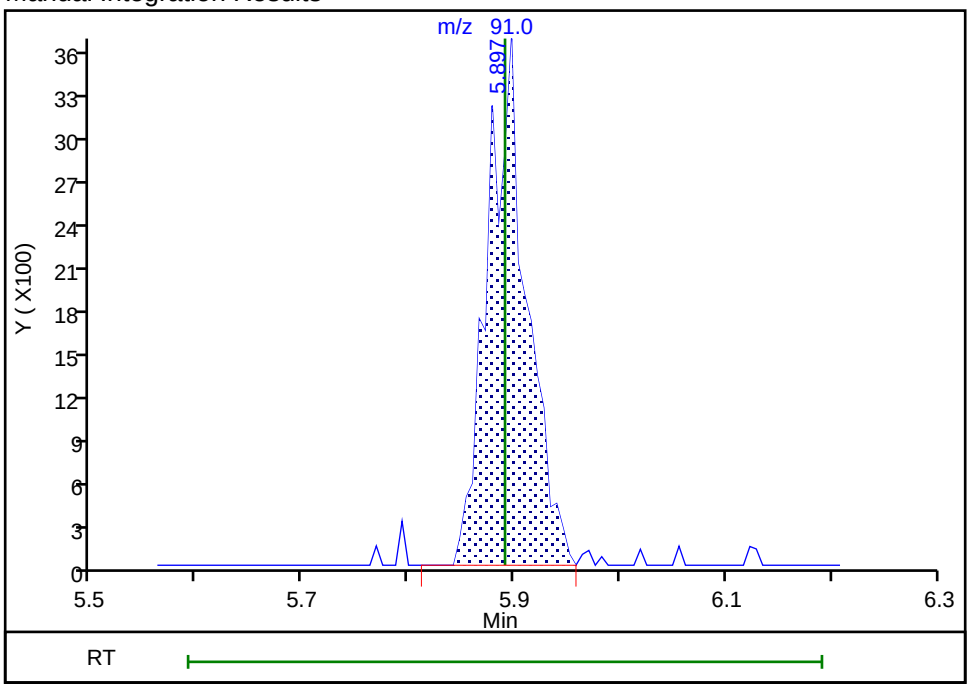
Processing Integration Results

RT: 5.90
Area: 6568
Amount: 0.359245
Amount Units: ug/l



Manual Integration Results

RT: 5.90
Area: 9375
Amount: 0.512778
Amount Units: ug/l



Reviewer: parekhv, 29-Aug-2020 15:20:12

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: B62638.D

Analysis Method: 8260C Date Collected: 08/25/2020 09:25

Sample wt/vol: 4.18(g) Date Analyzed: 08/29/2020 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.8 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.00025	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.00028	U	0.0012	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044
96-12-8	1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057
95-50-1	1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018
107-06-2	1,2-Dichloroethane	0.00036	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.00052	U	0.0012	0.00052
541-73-1	1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028
78-93-3	2-Butanone (MEK)	0.0033	U	0.0062	0.0033
591-78-6	2-Hexanone	0.0021	U	0.0062	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019
67-64-1	Acetone	0.0070	U	0.0074	0.0070
71-43-2	Benzene	0.00032	U	0.0012	0.00032
75-25-2	Bromoform	0.00052	U	0.0012	0.00052
74-83-9	Bromomethane	0.00058	U	0.0012	0.00058
75-15-0	Carbon disulfide	0.00033	U	0.0012	0.00033
56-23-5	Carbon tetrachloride	0.00048	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.00022	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.00035	U	0.0012	0.00035
124-48-1	Chlorodibromomethane	0.00024	U	0.0012	0.00024
75-00-3	Chloroethane	0.00064	U	0.0012	0.00064
67-66-3	Chloroform	0.00039	U	0.0012	0.00039
74-87-3	Chloromethane	0.00054	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034
110-82-7	Cyclohexane	0.00027	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.00032	U	0.0012	0.00032
75-71-8	Dichlorodifluoromethane	0.00042	U	0.0012	0.00042
100-41-4	Ethylbenzene	0.00024	U	0.0012	0.00024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: B62638.D

Analysis Method: 8260C Date Collected: 08/25/2020 09:25

Sample wt/vol: 4.18(g) Date Analyzed: 08/29/2020 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.8 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.00016	U	0.0012	0.00016
79-20-9	Methyl acetate	0.0053	U	0.0062	0.0053
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00061	U	0.0012	0.00061
75-09-2	Methylene Chloride	0.00057	U	0.0012	0.00057
179601-23-1	m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021
95-47-6	o-Xylene	0.00024	U	0.0012	0.00024
100-42-5	Styrene	0.00034	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.00018	U	0.0012	0.00018
108-88-3	Toluene	0.00029	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033
79-01-6	Trichloroethene	0.00018	U	0.0012	0.00018
75-69-4	Trichlorofluoromethane	0.00050	U	0.0012	0.00050
75-01-4	Vinyl chloride	0.00067	U	0.0012	0.00067
1330-20-7	Xylenes, Total	0.00021	U	0.0025	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		77-145
460-00-4	4-Bromofluorobenzene	114		79-125
1868-53-7	Dibromofluoromethane (Surr)	114		48-150
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: B62638.D

Analysis Method: 8260C Date Collected: 08/25/2020 09:25

Sample wt/vol: 4.18(g) Date Analyzed: 08/29/2020 08:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.8 Level: (low/med) Low

Analysis Batch No.: 720465 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62638.D
Lims ID: 460-216817-C-2-A
Client ID: SB-02_0-2_20200825
Sample Type: Client
Inject. Date: 29-Aug-2020 08:19:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-C-2-A
Misc. Info.: 460-0115948-009
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:13:47 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:20:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.752	1.758	-0.006	0	494653	1000.0	
* 40 2-Butanone-d5	46	2.587	2.574	0.013	0	434722	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.032	0.012	96	218955	56.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.343	0.006	0	272460	58.5	
* 60 Fluorobenzene	96	3.715	3.702	0.013	98	583111	50.0	
* 68 1,4-Dioxane-d8	96	4.562	4.580	-0.018	0	30309	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.793	5.793	0.000	98	839663	51.9	
* 86 Chlorobenzene-d5	117	8.244	8.238	0.006	89	434490	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	88	238001	56.8	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	98	232955	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

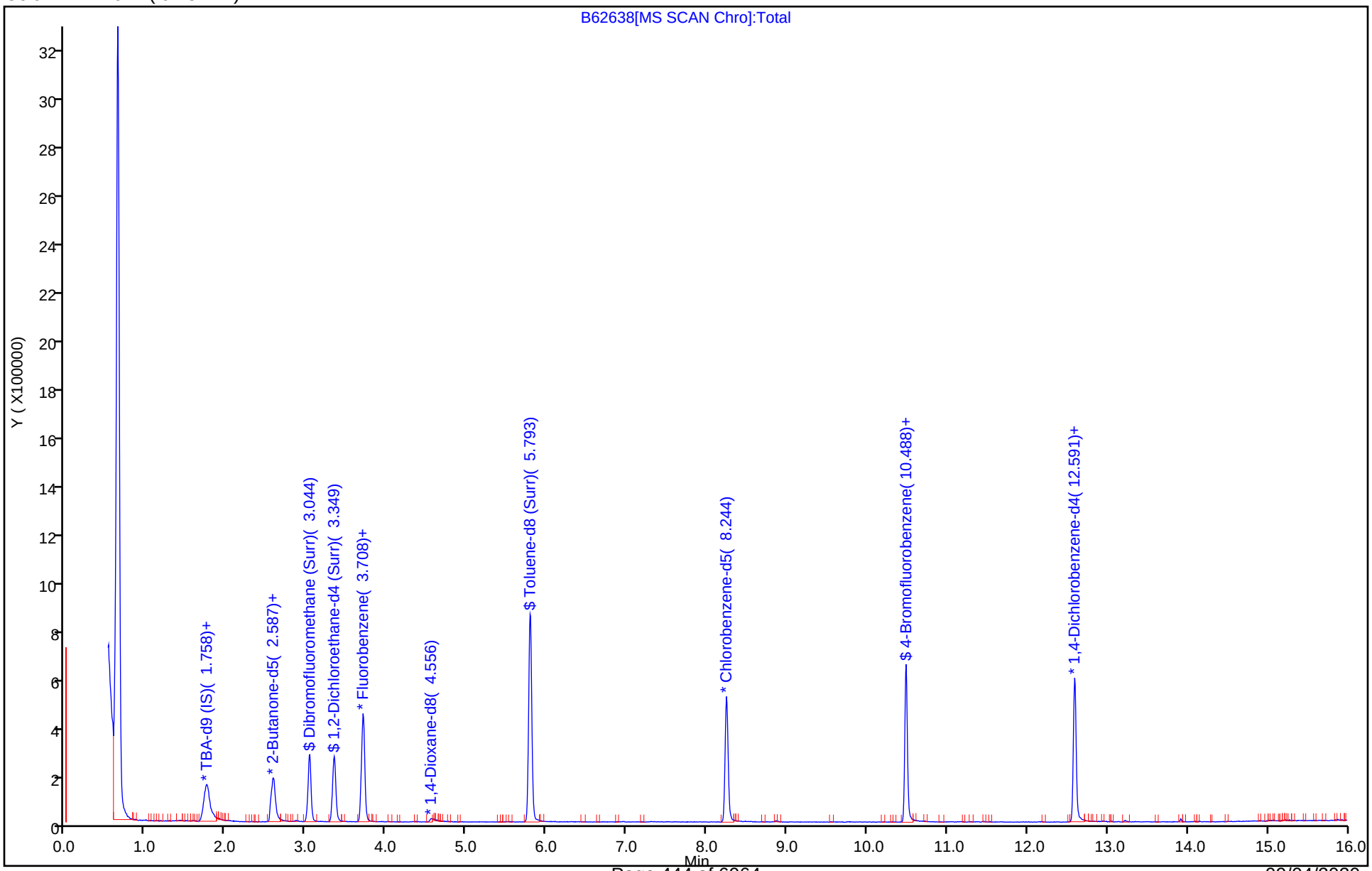
Report Date: 31-Aug-2020 10:14:07 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62638.D

Injection Date:	29-Aug-2020 08:19:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-216817-C-2-A	Lab Sample ID:	460-216817-2	Worklist Smp#:	9
Client ID:	SB-02_0-2_20200825				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



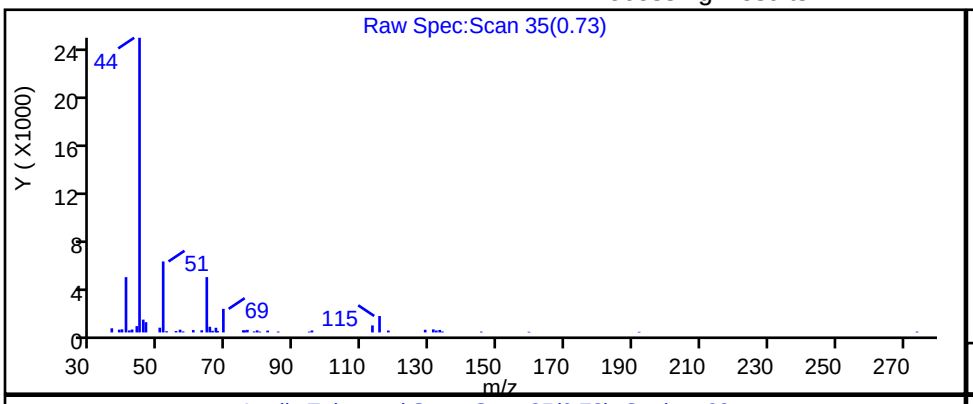
User Disabled Compound Report

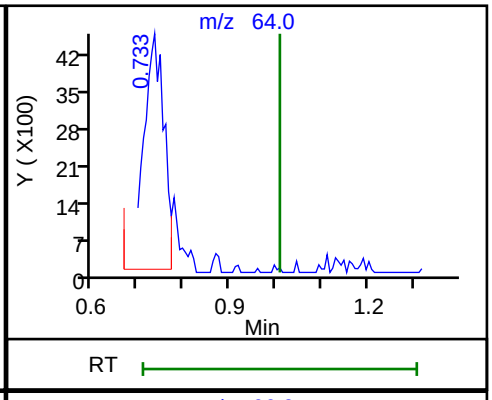
Eurofins TestAmerica, Edison

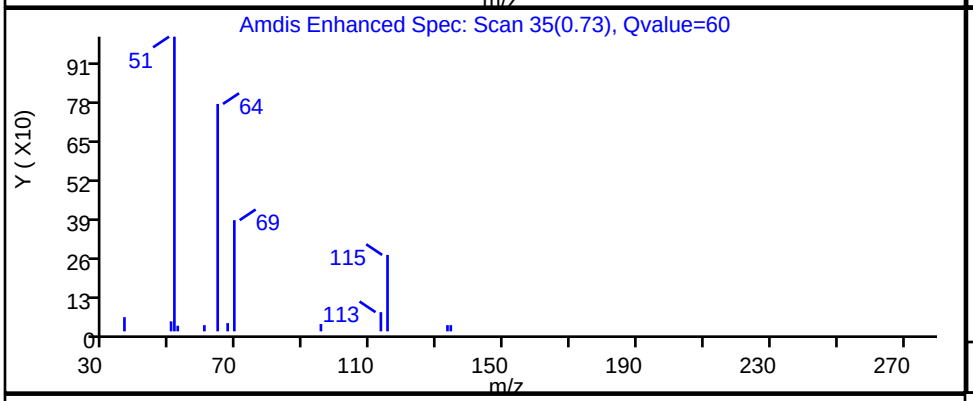
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62638.D		
Injection Date:	29-Aug-2020 08:19:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-2-A	Lab Sample ID:	460-216817-2
Client ID:	SB-02_0-2_20200825		
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

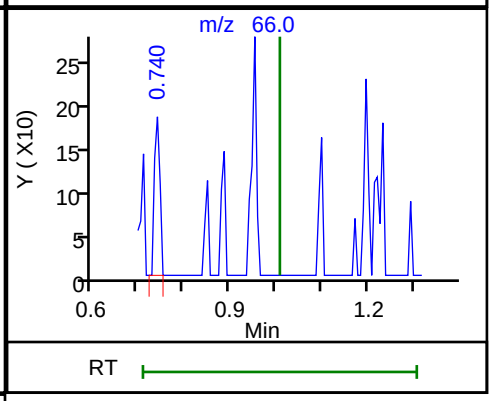
9 Chloroethane, CAS: 75-00-3

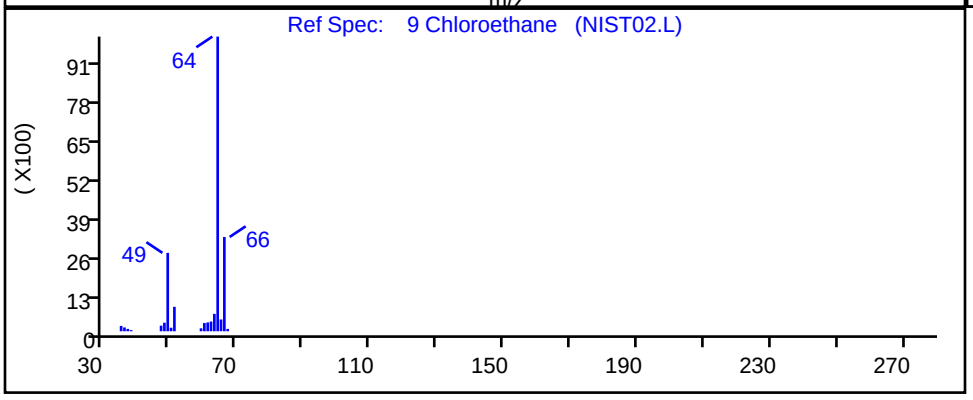
Processing Results











RT	Mass	Response	Amount
0.73	64.00	13848	2.739828
0.74	66.00	156	

Reviewer: parekhv, 29-Aug-2020 15:20:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: B62639.D

Analysis Method: 8260C Date Collected: 08/25/2020 10:00

Sample wt/vol: 4.04(g) Date Analyzed: 08/29/2020 08:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.3 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00034	U	0.0014	0.00034
79-34-5	1,1,2,2-Tetrachloroethane	0.00031	U	0.0014	0.00031
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00043	U	0.0014	0.00043
79-00-5	1,1,2-Trichloroethane	0.00026	U	0.0014	0.00026
75-34-3	1,1-Dichloroethane	0.00030	U	0.0014	0.00030
75-35-4	1,1-Dichloroethene	0.00032	U	0.0014	0.00032
87-61-6	1,2,3-Trichlorobenzene	0.00026	U	0.0014	0.00026
120-82-1	1,2,4-Trichlorobenzene	0.00052	U	0.0014	0.00052
96-12-8	1,2-Dibromo-3-Chloropropane	0.00066	U	0.0014	0.00066
95-50-1	1,2-Dichlorobenzene	0.00021	U	0.0014	0.00021
107-06-2	1,2-Dichloroethane	0.00043	U	0.0014	0.00043
78-87-5	1,2-Dichloropropane	0.00061	U	0.0014	0.00061
541-73-1	1,3-Dichlorobenzene	0.00023	U	0.0014	0.00023
106-46-7	1,4-Dichlorobenzene	0.00032	U	0.0014	0.00032
78-93-3	2-Butanone (MEK)	0.0039	U	0.0072	0.0039
591-78-6	2-Hexanone	0.0025	U	0.0072	0.0025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0072	0.0022
67-64-1	Acetone	0.0083	U	0.0087	0.0083
71-43-2	Benzene	0.00037	U	0.0014	0.00037
75-25-2	Bromoform	0.00061	U	0.0014	0.00061
74-83-9	Bromomethane	0.00068	U	0.0014	0.00068
75-15-0	Carbon disulfide	0.00038	U	0.0014	0.00038
56-23-5	Carbon tetrachloride	0.00056	U	0.0014	0.00056
108-90-7	Chlorobenzene	0.00026	U	0.0014	0.00026
74-97-5	Chlorobromomethane	0.00041	U	0.0014	0.00041
124-48-1	Chlorodibromomethane	0.00028	U	0.0014	0.00028
75-00-3	Chloroethane	0.00075	U	0.0014	0.00075
67-66-3	Chloroform	0.00046	U	0.0014	0.00046
74-87-3	Chloromethane	0.00063	U	0.0014	0.00063
156-59-2	cis-1,2-Dichloroethene	0.00022	U	0.0014	0.00022
10061-01-5	cis-1,3-Dichloropropene	0.00039	U	0.0014	0.00039
110-82-7	Cyclohexane	0.00032	U	0.0014	0.00032
75-27-4	Dichlorobromomethane	0.00037	U	0.0014	0.00037
75-71-8	Dichlorodifluoromethane	0.00049	U	0.0014	0.00049
100-41-4	Ethylbenzene	0.00029	U	0.0014	0.00029

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: B62639.D

Analysis Method: 8260C Date Collected: 08/25/2020 10:00

Sample wt/vol: 4.04(g) Date Analyzed: 08/29/2020 08:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.3 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00026	U	0.0014	0.00026
98-82-8	Isopropylbenzene	0.00018	U	0.0014	0.00018
79-20-9	Methyl acetate	0.0062	U	0.0072	0.0062
1634-04-4	Methyl tert-butyl ether	0.00018	U	0.0014	0.00018
108-87-2	Methylcyclohexane	0.00072	U	0.0014	0.00072
75-09-2	Methylene Chloride	0.00067	U	0.0014	0.00067
179601-23-1	m-Xylene & p-Xylene	0.00025	U	0.0014	0.00025
95-47-6	o-Xylene	0.00028	U	0.0014	0.00028
100-42-5	Styrene	0.00040	U	0.0014	0.00040
127-18-4	Tetrachloroethene	0.00084	J	0.0014	0.00021
108-88-3	Toluene	0.00034	U	0.0014	0.00034
156-60-5	trans-1,2-Dichloroethene	0.00036	U	0.0014	0.00036
10061-02-6	trans-1,3-Dichloropropene	0.00038	U	0.0014	0.00038
79-01-6	Trichloroethene	0.00021	U	0.0014	0.00021
75-69-4	Trichlorofluoromethane	0.00059	U	0.0014	0.00059
75-01-4	Vinyl chloride	0.00079	U	0.0014	0.00079
1330-20-7	Xylenes, Total	0.00025	U	0.0029	0.00025

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: B62639.D

Analysis Method: 8260C Date Collected: 08/25/2020 10:00

Sample wt/vol: 4.04(g) Date Analyzed: 08/29/2020 08:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.3 Level: (low/med) Low

Analysis Batch No.: 720465 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62639.D
Lims ID: 460-216817-C-3-A
Client ID: SB-01_1-3_20200825
Sample Type: Client
Inject. Date: 29-Aug-2020 08:43:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-C-3-A
Misc. Info.: 460-0115948-010
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:14:34 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:20:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.752	1.758	-0.006	0	501512	1000.0	
* 40 2-Butanone-d5	46	2.581	2.574	0.007	0	441298	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.032	0.012	96	201561	52.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.343	0.006	0	243443	52.2	
* 60 Fluorobenzene	96	3.708	3.702	0.006	98	583912	50.0	
* 68 1,4-Dioxane-d8	96	4.556	4.580	-0.024	0	33058	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.793	5.793	0.000	98	761795	47.7	
81 Tetrachloroethene	166	6.751	6.763	-0.012	57	2470	0.5833	
* 86 Chlorobenzene-d5	117	8.244	8.238	0.006	89	428843	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	89	216975	54.7	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	220526	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

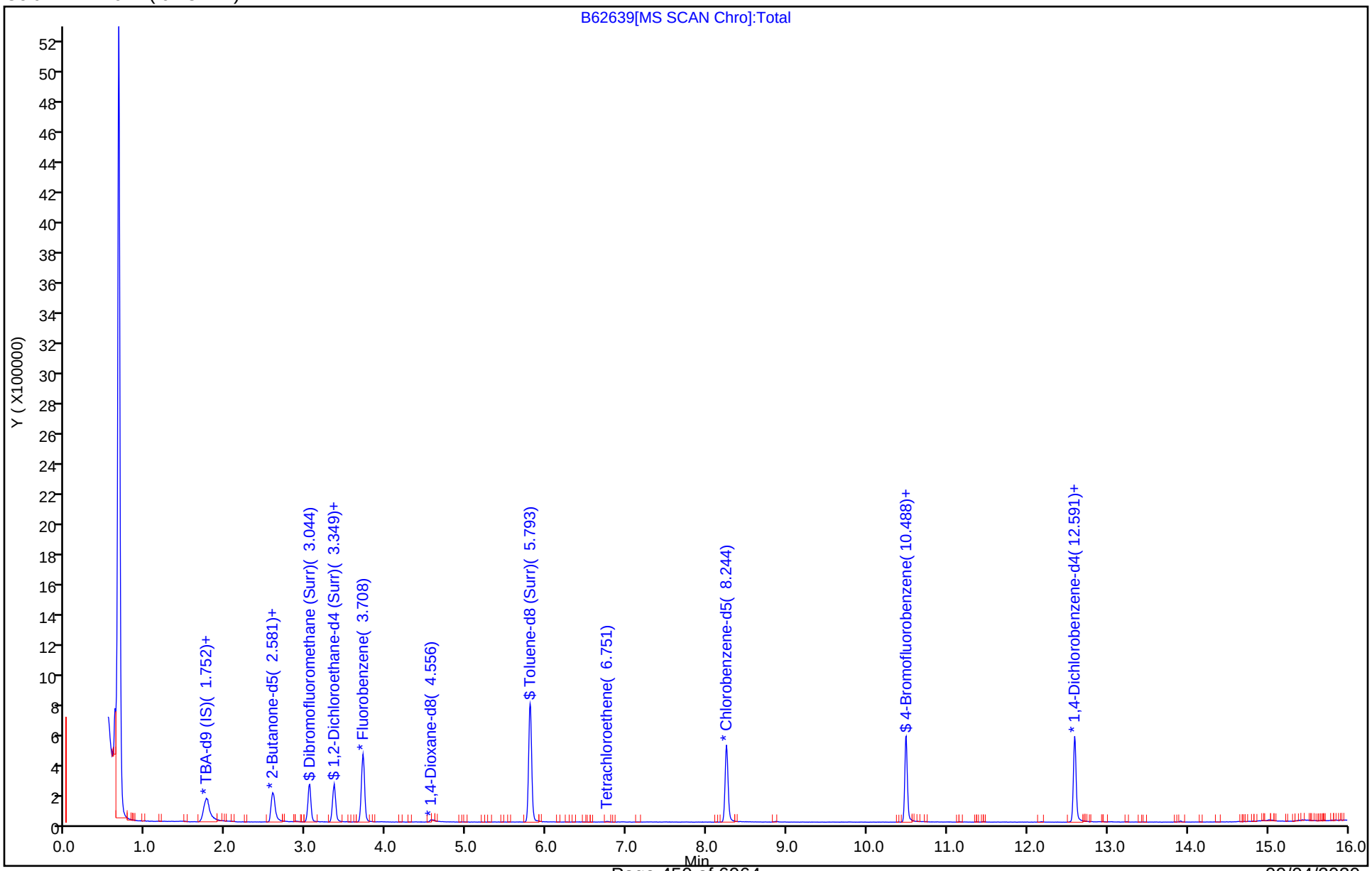
Report Date: 31-Aug-2020 10:14:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62639.D

Injection Date:	29-Aug-2020 08:43:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-216817-C-3-A	Lab Sample ID:	460-216817-3	Worklist Smp#:	10
Client ID:	SB-01_1-3_20200825				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

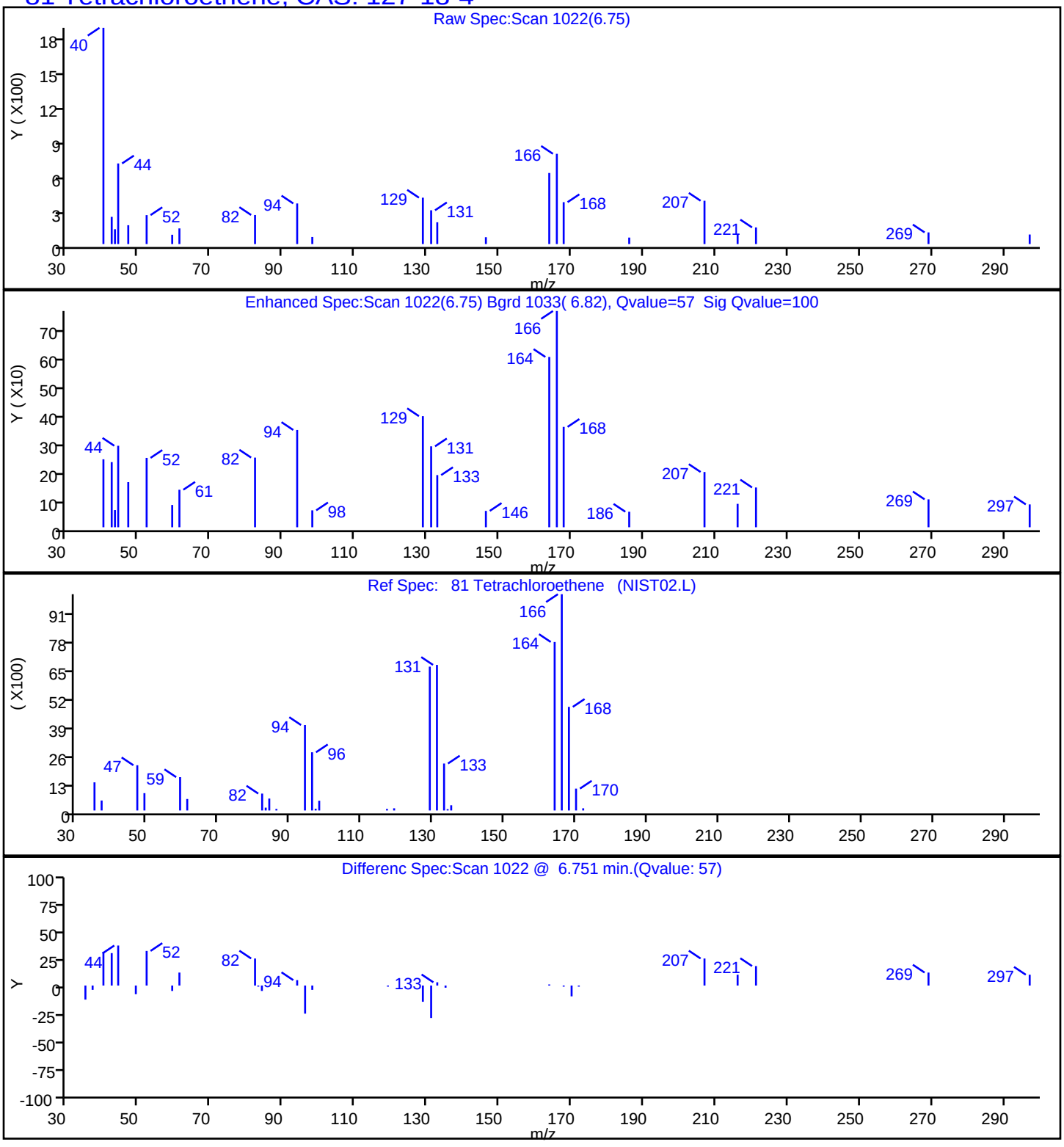
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62639.D		
Injection Date:	29-Aug-2020 08:43:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-3-A	Lab Sample ID:	460-216817-3
Client ID:	SB-01_1-3_20200825		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: B628614.D

Analysis Method: 8260C Date Collected: 08/25/2020 11:50

Sample wt/vol: 2.98(g) Date Analyzed: 08/28/2020 21:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.3 Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00041	U	0.0018	0.00041
79-34-5	1,1,2,2-Tetrachloroethane	0.00038	U	0.0018	0.00038
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00053	U	0.0018	0.00053
79-00-5	1,1,2-Trichloroethane	0.00032	U	0.0018	0.00032
75-34-3	1,1-Dichloroethane	0.00036	U	0.0018	0.00036
75-35-4	1,1-Dichloroethene	0.00040	U	0.0018	0.00040
87-61-6	1,2,3-Trichlorobenzene	0.00032	U	0.0018	0.00032
120-82-1	1,2,4-Trichlorobenzene	0.00063	U	0.0018	0.00063
96-12-8	1,2-Dibromo-3-Chloropropane	0.00081	U	0.0018	0.00081
95-50-1	1,2-Dichlorobenzene	0.00026	U	0.0018	0.00026
107-06-2	1,2-Dichloroethane	0.00052	U	0.0018	0.00052
78-87-5	1,2-Dichloropropane	0.00075	U	0.0018	0.00075
541-73-1	1,3-Dichlorobenzene	0.00028	U	0.0018	0.00028
106-46-7	1,4-Dichlorobenzene	0.00040	U	0.0018	0.00040
78-93-3	2-Butanone (MEK)	0.0048	U	0.0089	0.0048
591-78-6	2-Hexanone	0.0030	U	0.0089	0.0030
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0028	U	0.0089	0.0028
67-64-1	Acetone	0.010	U	0.011	0.010
71-43-2	Benzene	0.00046	U	0.0018	0.00046
75-25-2	Bromoform	0.00075	U	0.0018	0.00075
74-83-9	Bromomethane	0.00084	U	0.0018	0.00084
75-15-0	Carbon disulfide	0.00047	U	0.0018	0.00047
56-23-5	Carbon tetrachloride	0.00069	U	0.0018	0.00069
108-90-7	Chlorobenzene	0.00031	U	0.0018	0.00031
74-97-5	Chlorobromomethane	0.00050	U	0.0018	0.00050
124-48-1	Chlorodibromomethane	0.00034	U	0.0018	0.00034
75-00-3	Chloroethane	0.00092	U	0.0018	0.00092
67-66-3	Chloroform	0.00057	U	0.0018	0.00057
74-87-3	Chloromethane	0.00077	U	0.0018	0.00077
156-59-2	cis-1,2-Dichloroethene	0.00027	U	0.0018	0.00027
10061-01-5	cis-1,3-Dichloropropene	0.00048	U	0.0018	0.00048
110-82-7	Cyclohexane	0.00039	U	0.0018	0.00039
75-27-4	Dichlorobromomethane	0.00046	U	0.0018	0.00046
75-71-8	Dichlorodifluoromethane	0.00060	U	0.0018	0.00060
100-41-4	Ethylbenzene	0.00035	U	0.0018	0.00035

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: B628614.D

Analysis Method: 8260C Date Collected: 08/25/2020 11:50

Sample wt/vol: 2.98(g) Date Analyzed: 08/28/2020 21:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.3 Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00032	U	0.0018	0.00032
98-82-8	Isopropylbenzene	0.00022	U	0.0018	0.00022
79-20-9	Methyl acetate	0.0076	U	0.0089	0.0076
1634-04-4	Methyl tert-butyl ether	0.00022	U	0.0018	0.00022
108-87-2	Methylcyclohexane	0.00088	U	0.0018	0.00088
75-09-2	Methylene Chloride	0.00082	U	0.0018	0.00082
179601-23-1	m-Xylene & p-Xylene	0.00031	U	0.0018	0.00031
95-47-6	o-Xylene	0.00034	U	0.0018	0.00034
100-42-5	Styrene	0.00049	U	0.0018	0.00049
127-18-4	Tetrachloroethene	0.00025	U	0.0018	0.00025
108-88-3	Toluene	0.00041	U	0.0018	0.00041
156-60-5	trans-1,2-Dichloroethene	0.00044	U	0.0018	0.00044
10061-02-6	trans-1,3-Dichloropropene	0.00047	U	0.0018	0.00047
79-01-6	Trichloroethene	0.00026	U	0.0018	0.00026
75-69-4	Trichlorofluoromethane	0.00072	U	0.0018	0.00072
75-01-4	Vinyl chloride	0.00097	U	0.0018	0.00097
1330-20-7	Xylenes, Total	0.00031	U	0.0035	0.00031

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-145
460-00-4	4-Bromofluorobenzene	94		79-125
1868-53-7	Dibromofluoromethane (Surr)	98		48-150
2037-26-5	Toluene-d8 (Surr)	90		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: B628614.D

Analysis Method: 8260C Date Collected: 08/25/2020 11:50

Sample wt/vol: 2.98(g) Date Analyzed: 08/28/2020 21:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.3 Level: (low/med) Low

Analysis Batch No.: 720347 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628614.D
Lims ID: 460-216817-C-4-A
Client ID: SB-09_1-3_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 21:45:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-C-4-A
Misc. Info.: 460-0115927-014
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 12:48:05 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 12:50:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.758	1.758	0.000	0	491693	1000.0	
* 40 2-Butanone-d5	46	2.587	2.593	-0.006	0	438009	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.044	-0.006	96	202952	49.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.343	3.355	-0.012	0	241494	48.2	
* 60 Fluorobenzene	96	3.708	3.715	-0.007	98	627289	50.0	
* 68 1,4-Dioxane-d8	96	4.556	4.580	-0.024	0	35647	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.793	5.800	-0.007	98	783359	44.8	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	88	469211	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	90	214368	47.1	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	253060	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

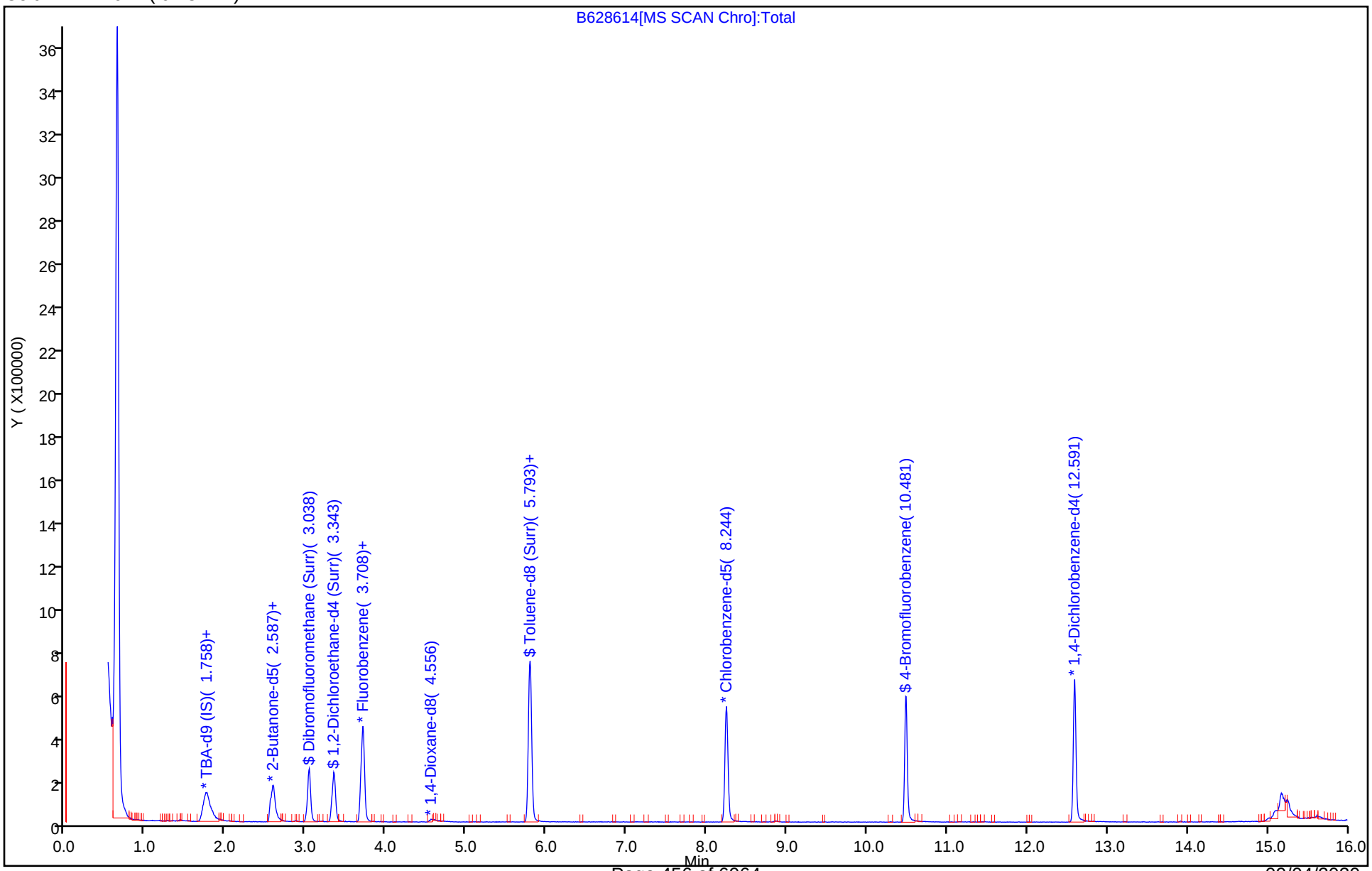
Report Date: 31-Aug-2020 12:50:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628614.D

Injection Date:	28-Aug-2020 21:45:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-216817-C-4-A	Lab Sample ID:	460-216817-4	Worklist Smp#:	14
Client ID:	SB-09_1-3_20200825				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



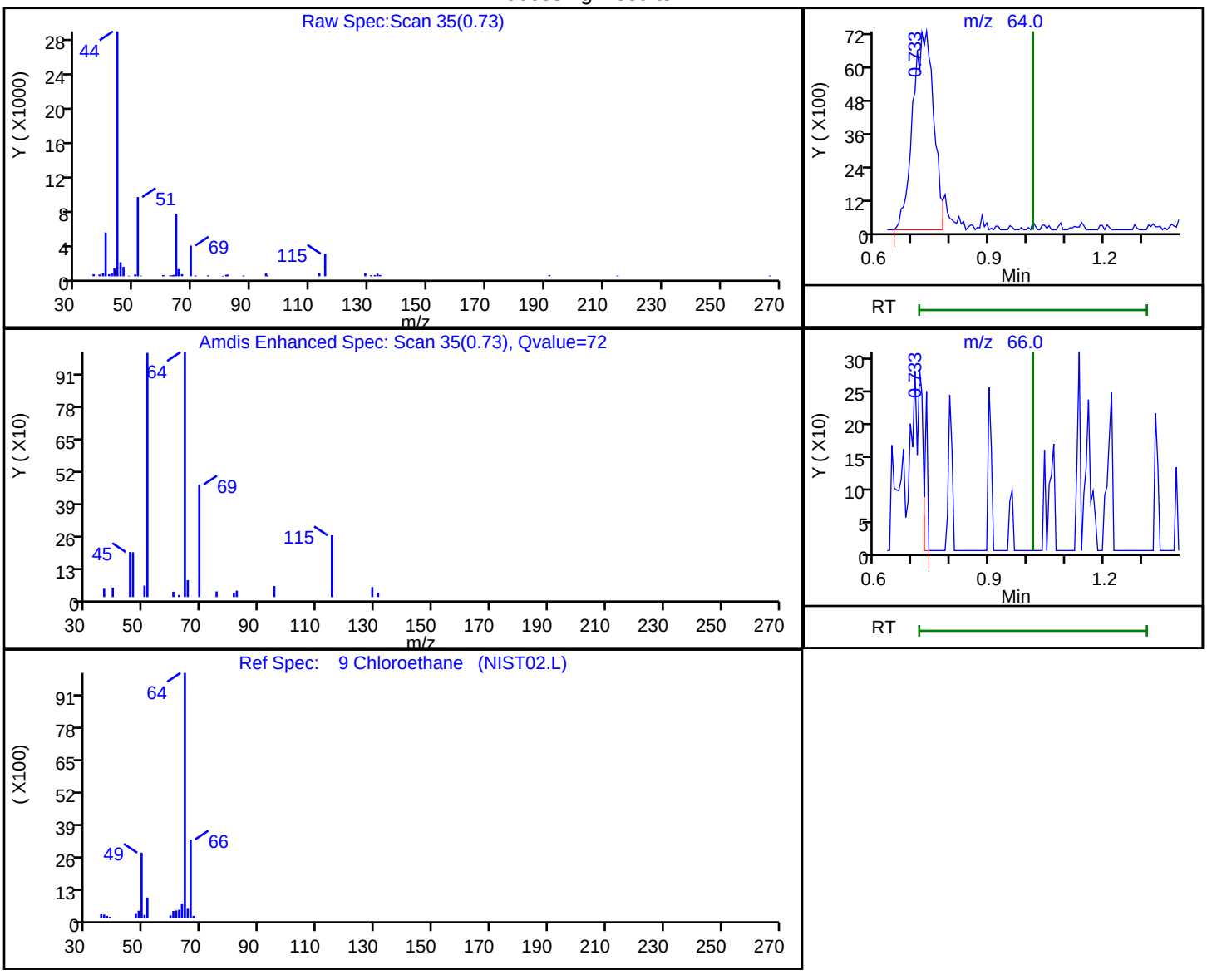
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628614.D		
Injection Date:	28-Aug-2020 21:45:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-4-A	Lab Sample ID:	460-216817-4
Client ID:	SB-09_1-3_20200825		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.73	64.00	27556	5.067992
0.73	66.00	120	

Reviewer: tupayachia, 29-Aug-2020 11:09:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: B628615.D

Analysis Method: 8260C Date Collected: 08/25/2020 13:10

Sample wt/vol: 3.87(g) Date Analyzed: 08/28/2020 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00034	U	0.0015	0.00034
79-34-5	1,1,2,2-Tetrachloroethane	0.00031	U	0.0015	0.00031
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00044	U	0.0015	0.00044
79-00-5	1,1,2-Trichloroethane	0.00026	U	0.0015	0.00026
75-34-3	1,1-Dichloroethane	0.00030	U	0.0015	0.00030
75-35-4	1,1-Dichloroethene	0.00033	U	0.0015	0.00033
87-61-6	1,2,3-Trichlorobenzene	0.00026	U	0.0015	0.00026
120-82-1	1,2,4-Trichlorobenzene	0.00052	U	0.0015	0.00052
96-12-8	1,2-Dibromo-3-Chloropropane	0.00067	U	0.0015	0.00067
95-50-1	1,2-Dichlorobenzene	0.00021	U	0.0015	0.00021
107-06-2	1,2-Dichloroethane	0.00043	U	0.0015	0.00043
78-87-5	1,2-Dichloropropane	0.00061	U	0.0015	0.00061
541-73-1	1,3-Dichlorobenzene	0.00023	U	0.0015	0.00023
106-46-7	1,4-Dichlorobenzene	0.00033	U	0.0015	0.00033
78-93-3	2-Butanone (MEK)	0.034		0.0073	0.0039
591-78-6	2-Hexanone	0.0025	U	0.0073	0.0025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0073	0.0023
67-64-1	Acetone	0.19		0.0087	0.0083
71-43-2	Benzene	0.00037	U	0.0015	0.00037
75-25-2	Bromoform	0.00062	U	0.0015	0.00062
74-83-9	Bromomethane	0.00069	U	0.0015	0.00069
75-15-0	Carbon disulfide	0.0015		0.0015	0.00039
56-23-5	Carbon tetrachloride	0.00056	U	0.0015	0.00056
108-90-7	Chlorobenzene	0.00026	U	0.0015	0.00026
74-97-5	Chlorobromomethane	0.00041	U	0.0015	0.00041
124-48-1	Chlorodibromomethane	0.00028	U	0.0015	0.00028
75-00-3	Chloroethane	0.00076	U	0.0015	0.00076
67-66-3	Chloroform	0.00046	U	0.0015	0.00046
74-87-3	Chloromethane	0.00063	U	0.0015	0.00063
156-59-2	cis-1,2-Dichloroethene	0.00022	U	0.0015	0.00022
10061-01-5	cis-1,3-Dichloropropene	0.00040	U	0.0015	0.00040
110-82-7	Cyclohexane	0.00032	U	0.0015	0.00032
75-27-4	Dichlorobromomethane	0.00037	U	0.0015	0.00037
75-71-8	Dichlorodifluoromethane	0.00049	U	0.0015	0.00049
100-41-4	Ethylbenzene	0.00029	U	0.0015	0.00029

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: B628615.D

Analysis Method: 8260C Date Collected: 08/25/2020 13:10

Sample wt/vol: 3.87(g) Date Analyzed: 08/28/2020 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00026	U	0.0015	0.00026
98-82-8	Isopropylbenzene	0.00018	U	0.0015	0.00018
79-20-9	Methyl acetate	0.0062	U	0.0073	0.0062
1634-04-4	Methyl tert-butyl ether	0.00018	U	0.0015	0.00018
108-87-2	Methylcyclohexane	0.00072	U	0.0015	0.00072
75-09-2	Methylene Chloride	0.00074	J	0.0015	0.00067
179601-23-1	m-Xylene & p-Xylene	0.00025	U	0.0015	0.00025
95-47-6	o-Xylene	0.00028	U	0.0015	0.00028
100-42-5	Styrene	0.00040	U	0.0015	0.00040
127-18-4	Tetrachloroethene	0.00021	U	0.0015	0.00021
108-88-3	Toluene	0.00043	J	0.0015	0.00034
156-60-5	trans-1,2-Dichloroethene	0.00036	U	0.0015	0.00036
10061-02-6	trans-1,3-Dichloropropene	0.00039	U	0.0015	0.00039
79-01-6	Trichloroethene	0.00021	U	0.0015	0.00021
75-69-4	Trichlorofluoromethane	0.00059	U	0.0015	0.00059
75-01-4	Vinyl chloride	0.00079	U	0.0015	0.00079
1330-20-7	Xylenes, Total	0.00025	U	0.0029	0.00025

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: B628615.D

Analysis Method: 8260C Date Collected: 08/25/2020 13:10

Sample wt/vol: 3.87(g) Date Analyzed: 08/28/2020 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 720347 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D
Lims ID: 460-216817-C-5-A
Client ID: SB-03_0-2_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 22:09:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-C-5-A
Misc. Info.: 460-0115927-015
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 12:50:47 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 29-Aug-2020 11:09:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.422	1.441	-0.019	86	310575	132.8	
23 Carbon disulfide	76	1.508	1.514	-0.006	96	21164	1.04	
28 Methylene Chloride	84	1.672	1.685	-0.013	92	2975	0.5089	
* 29 TBA-d9 (IS)	65	1.752	1.758	-0.006	0	573275	1000.0	
* 40 2-Butanone-d5	46	2.581	2.593	-0.012	0	488839	250.0	
43 2-Butanone (MEK)	72	2.636	2.648	-0.012	99	15243	23.4	
$ 51 Dibromofluoromethane (Surr)	113	3.032	3.044	-0.012	96	223795	53.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.343	3.355	-0.012	0	269415	53.2	
* 60 Fluorobenzene	96	3.709	3.715	-0.006	98	633667	50.0	
* 68 1,4-Dioxane-d8	96	4.562	4.580	-0.018	0	37156	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.794	5.800	-0.006	98	867997	50.8	
78 Toluene	91	5.891	5.897	-0.006	70	6021	0.2949	M
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	89	458524	50.0	
$ 97 4-Bromofluorobenzene	174	10.482	10.488	-0.006	87	239425	53.7	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	247862	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 12:50:48 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D

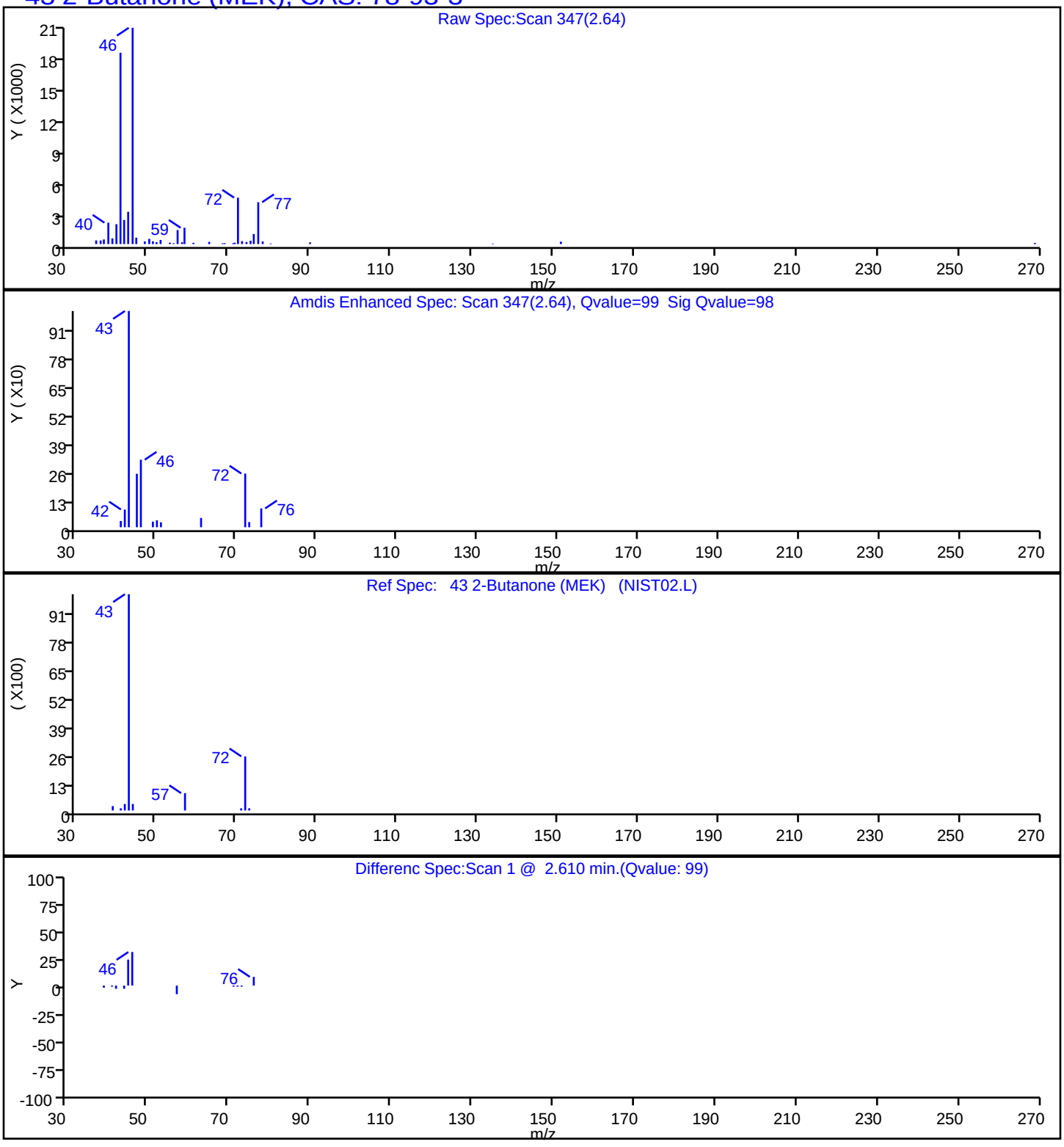
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5	Worklist Smp#:	15
Client ID:	SB-03_0-2_20200825				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D		
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5
Client ID:	SB-03_0-2_20200825		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

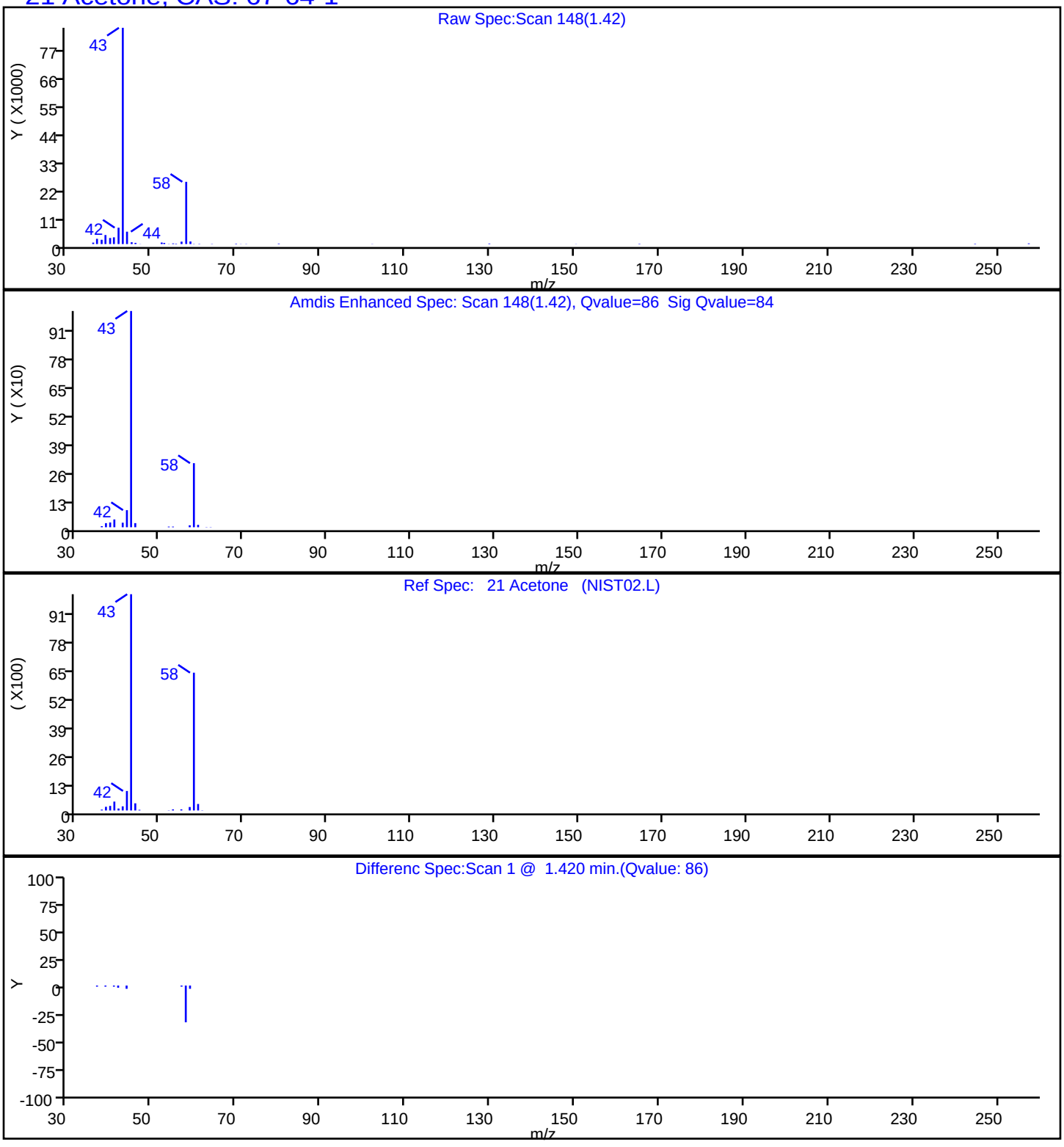
43 2-Butanone (MEK), CAS: 78-93-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D				
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2		
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

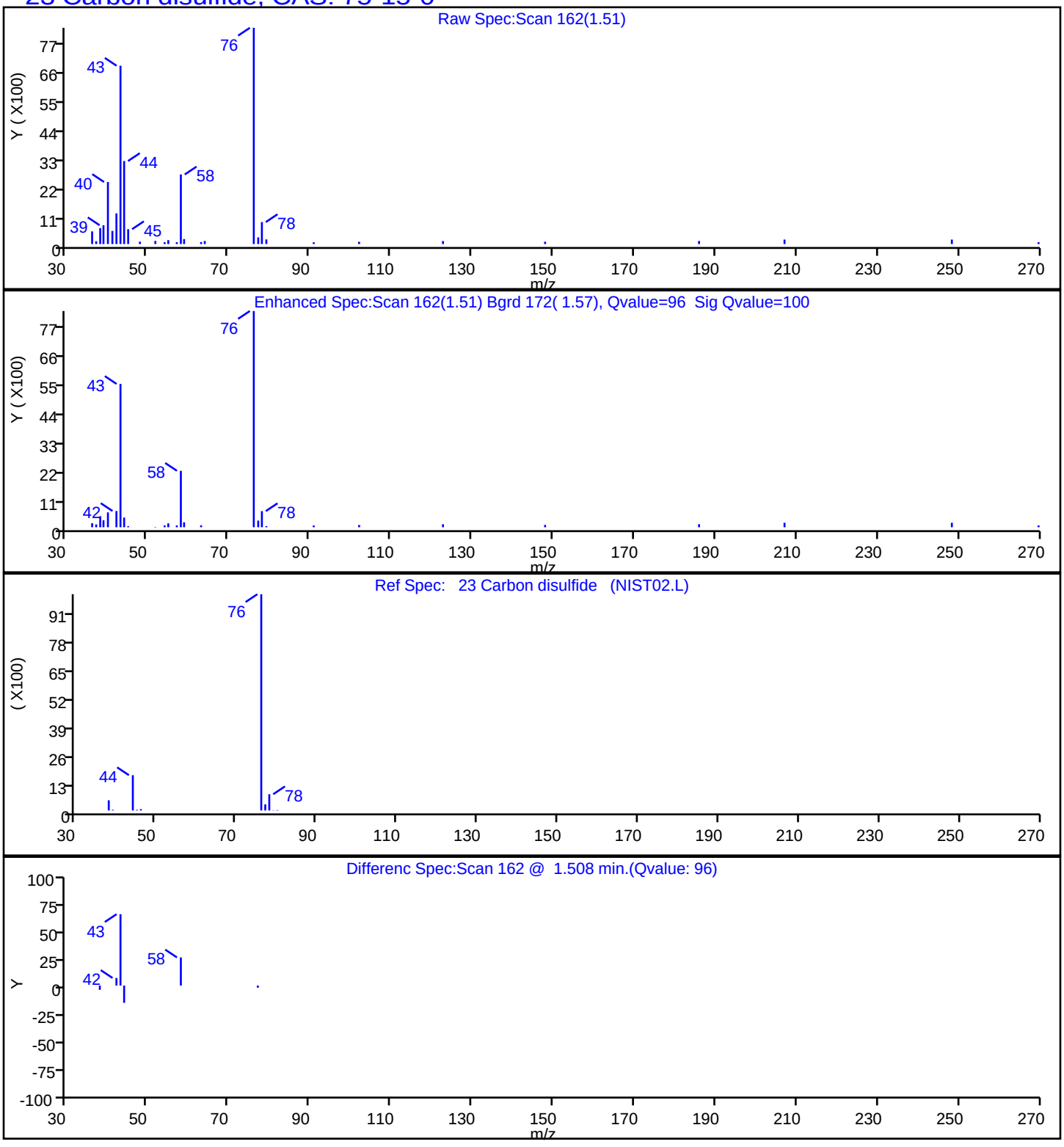
21 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D				
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2		
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

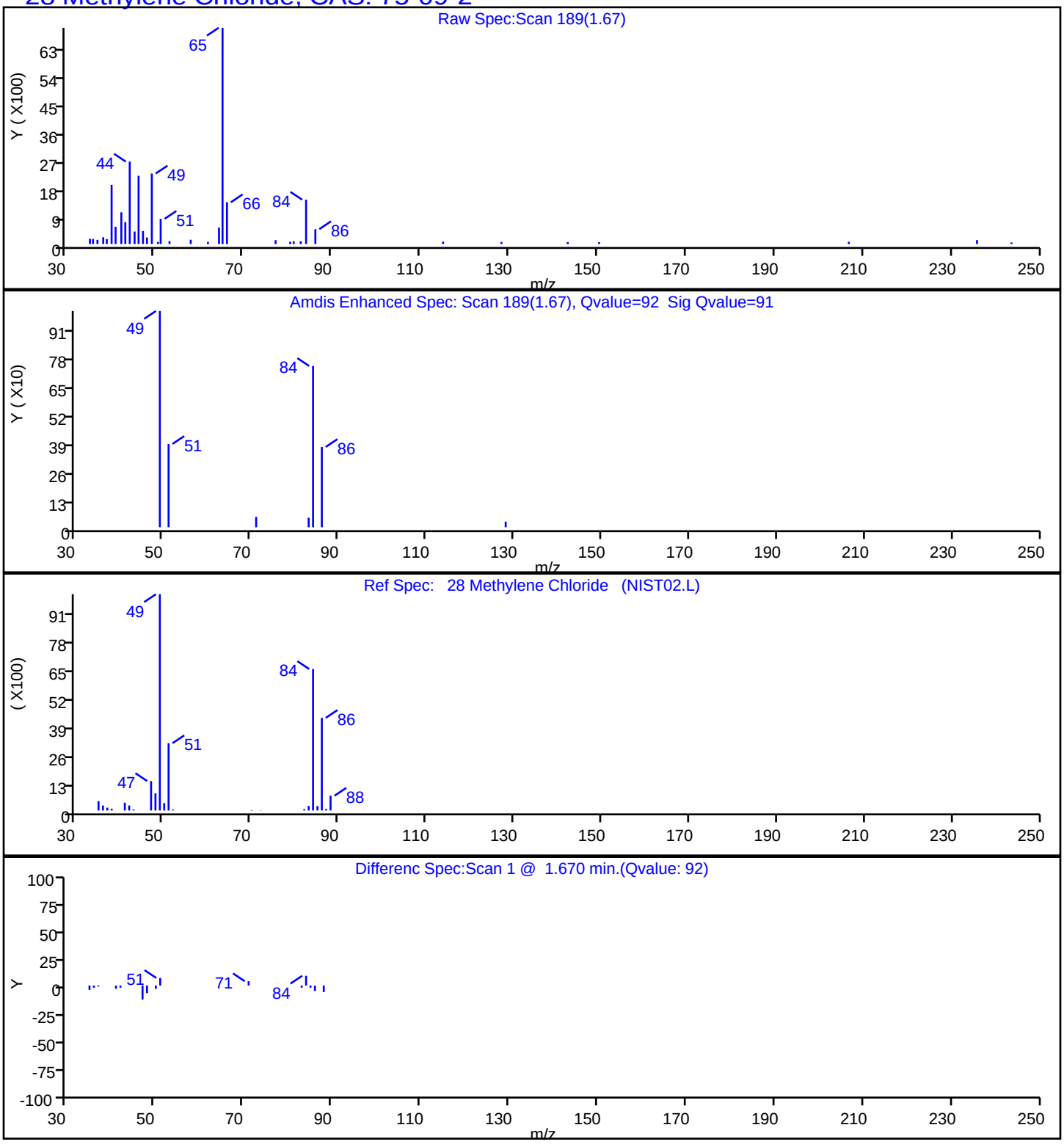
23 Carbon disulfide, CAS: 75-15-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D		
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5
Client ID:	SB-03_0-2_20200825		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

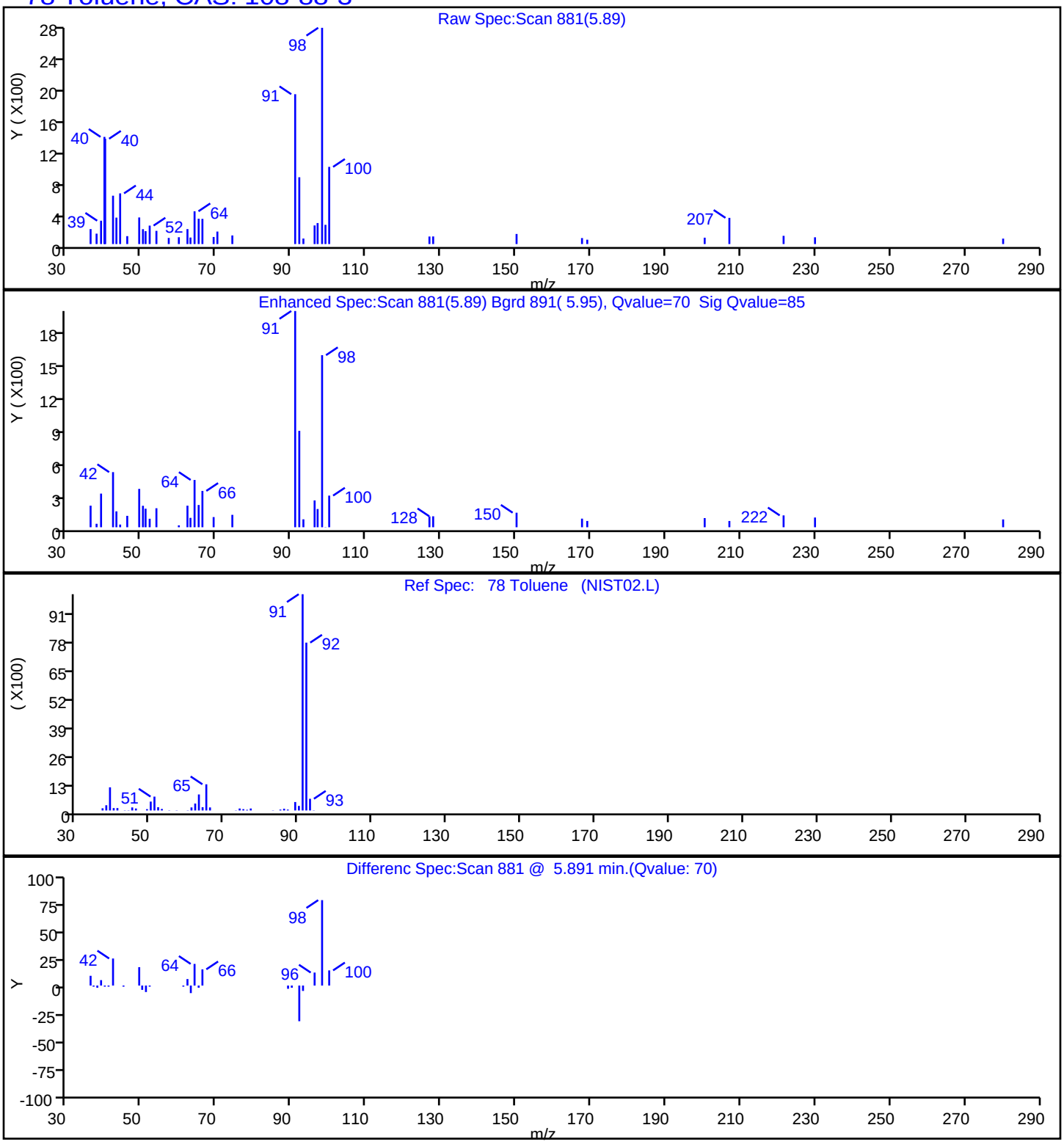
28 Methylene Chloride, CAS: 75-09-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D		
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5
Client ID:	SB-03_0-2_20200825		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

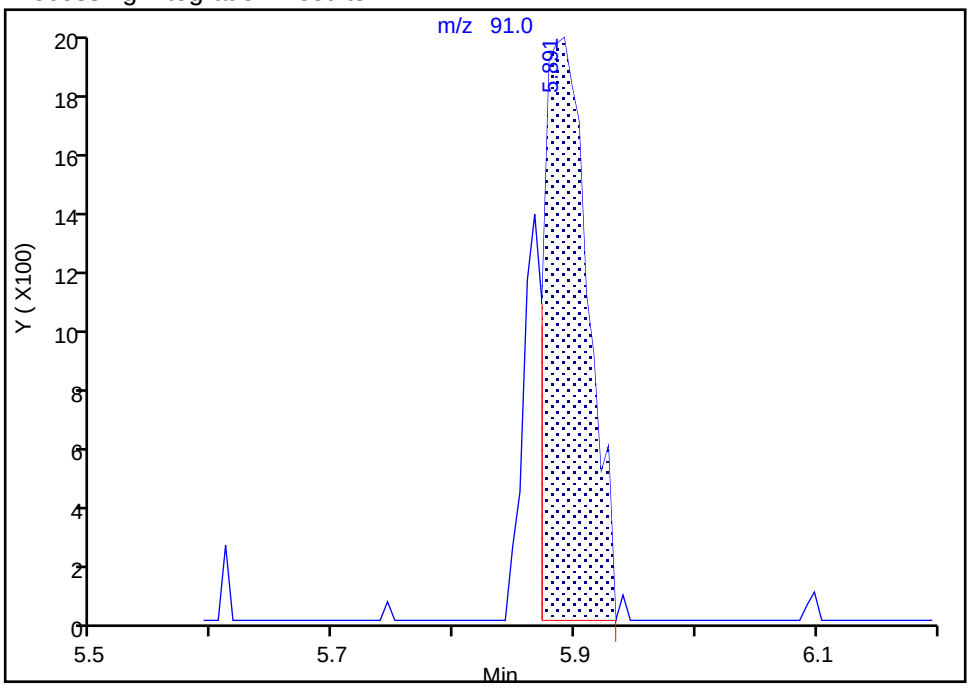
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628615.D		
Injection Date:	28-Aug-2020 22:09:30	Instrument ID:	CVOAMS2
Lims ID:	460-216817-C-5-A	Lab Sample ID:	460-216817-5
Client ID:	SB-03_0-2_20200825		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3

Signal: 1

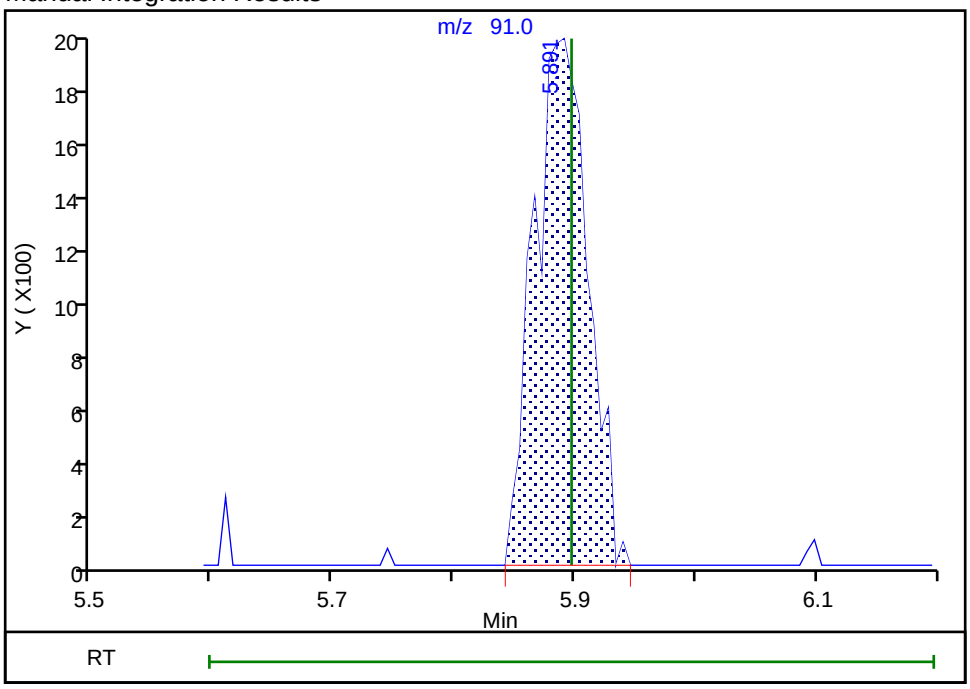
Processing Integration Results

RT: 5.89
Area: 4838
Amount: 0.236934
Amount Units: ug/l



Manual Integration Results

RT: 5.89
Area: 6021
Amount: 0.294869
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 12:50:42

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: B62640.D

Analysis Method: 8260C Date Collected: 08/25/2020 13:55

Sample wt/vol: 3.96(g) Date Analyzed: 08/29/2020 09:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 1.3 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0013	0.00038
79-00-5	1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.00026	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.00029	U	0.0013	0.00029
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046
96-12-8	1,2-Dibromo-3-Chloropropane	0.00059	U	0.0013	0.00059
95-50-1	1,2-Dichlorobenzene	0.00018	U	0.0013	0.00018
107-06-2	1,2-Dichloroethane	0.00038	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.00054	U	0.0013	0.00054
541-73-1	1,3-Dichlorobenzene	0.00020	U	0.0013	0.00020
106-46-7	1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029
78-93-3	2-Butanone (MEK)	0.0035	U	0.0064	0.0035
591-78-6	2-Hexanone	0.0022	U	0.0064	0.0022
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020
67-64-1	Acetone	0.0073	U	0.0077	0.0073
71-43-2	Benzene	0.00033	U	0.0013	0.00033
75-25-2	Bromoform	0.00054	U	0.0013	0.00054
74-83-9	Bromomethane	0.00061	U	0.0013	0.00061
75-15-0	Carbon disulfide	0.00034	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.00049	U	0.0013	0.00049
108-90-7	Chlorobenzene	0.00023	U	0.0013	0.00023
74-97-5	Chlorobromomethane	0.00036	U	0.0013	0.00036
124-48-1	Chlorodibromomethane	0.00025	U	0.0013	0.00025
75-00-3	Chloroethane	0.00067	U	0.0013	0.00067
67-66-3	Chloroform	0.00041	U	0.0013	0.00041
74-87-3	Chloromethane	0.00056	U	0.0013	0.00056
156-59-2	cis-1,2-Dichloroethene	0.00019	U	0.0013	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
110-82-7	Cyclohexane	0.00028	U	0.0013	0.00028
75-27-4	Dichlorobromomethane	0.00033	U	0.0013	0.00033
75-71-8	Dichlorodifluoromethane	0.00043	U	0.0013	0.00043
100-41-4	Ethylbenzene	0.00025	U	0.0013	0.00025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: B62640.D

Analysis Method: 8260C Date Collected: 08/25/2020 13:55

Sample wt/vol: 3.96(g) Date Analyzed: 08/29/2020 09:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 1.3 Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00023	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.00016	U	0.0013	0.00016
79-20-9	Methyl acetate	0.0055	U	0.0064	0.0055
1634-04-4	Methyl tert-butyl ether	0.00016	U	0.0013	0.00016
108-87-2	Methylcyclohexane	0.00064	U	0.0013	0.00064
75-09-2	Methylene Chloride	0.00059	U	0.0013	0.00059
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022
95-47-6	o-Xylene	0.00025	U	0.0013	0.00025
100-42-5	Styrene	0.00036	U	0.0013	0.00036
127-18-4	Tetrachloroethene	0.00018	U	0.0013	0.00018
108-88-3	Toluene	0.00030	U	0.0013	0.00030
156-60-5	trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034
79-01-6	Trichloroethene	0.00018	U	0.0013	0.00018
75-69-4	Trichlorofluoromethane	0.00052	U	0.0013	0.00052
75-01-4	Vinyl chloride	0.00070	U	0.0013	0.00070
1330-20-7	Xylenes, Total	0.00022	U	0.0026	0.00022

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: B62640.D

Analysis Method: 8260C Date Collected: 08/25/2020 13:55

Sample wt/vol: 3.96(g) Date Analyzed: 08/29/2020 09:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 1.3 Level: (low/med) Low

Analysis Batch No.: 720465 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62640.D
Lims ID: 460-216817-C-6-A
Client ID: SB-08_2-4_20200825
Sample Type: Client
Inject. Date: 29-Aug-2020 09:07:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-C-6-A
Misc. Info.: 460-0115948-011
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:14:34 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:20:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.764	1.758	0.006	0	501275	1000.0	
* 40 2-Butanone-d5	46	2.587	2.574	0.013	0	435811	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.032	0.006	95	205959	52.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.343	0.006	0	247854	52.0	
* 60 Fluorobenzene	96	3.709	3.702	0.007	98	596641	50.0	
* 68 1,4-Dioxane-d8	96	4.556	4.580	-0.024	0	34069	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.794	5.793	0.001	98	779186	47.9	
* 86 Chlorobenzene-d5	117	8.244	8.238	0.006	90	437156	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	88	226523	52.9	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	98	237822	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

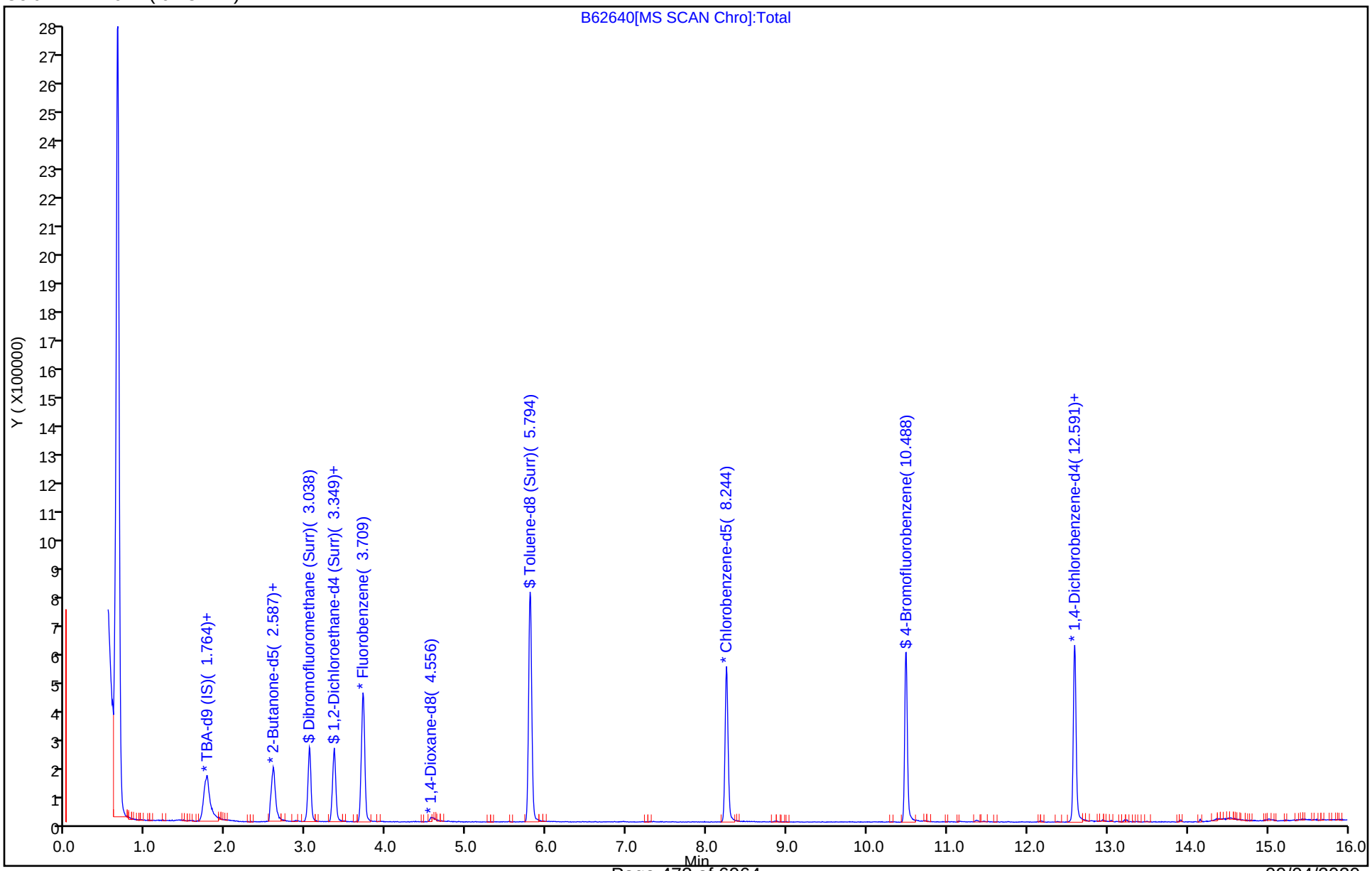
Report Date: 31-Aug-2020 10:14:52 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62640.D

Injection Date:	29-Aug-2020 09:07:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-216817-C-6-A	Lab Sample ID:	460-216817-6	Worklist Smp#:	11
Client ID:	SB-08_2-4_20200825				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TB_20200825 Lab Sample ID: 460-216817-7

Matrix: Water Lab File ID: T38379.D

Analysis Method: 8260C Date Collected: 08/25/2020 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	11		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TB_20200825 Lab Sample ID: 460-216817-7

Matrix: Water Lab File ID: T38379.D

Analysis Method: 8260C Date Collected: 08/25/2020 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38379.D
Lims ID: 460-216817-B-7
Client ID: TB_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 14:23:44 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216817-B-7
Misc. Info.: 460-0115902-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Aug-2020 13:20:48 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1007

First Level Reviewer: parekhv Date: 28-Aug-2020 19:49:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	1.348	1.348	0.000	75	6275	10.6	
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	95	28182	1000.0	
* 42 2-Butanone-d5	46	2.335	2.336	-0.001	38	228333	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.719	2.720	-0.001	94	118619	53.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	100	138312	57.4	
* 65 Fluorobenzene	96	3.274	3.275	-0.001	98	400884	50.0	
* 73 1,4-Dioxane-d8	96	3.933	3.939	-0.006	1	19824	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.902	4.902	0.000	97	397512	52.3	
* 94 Chlorobenzene-d5	117	6.749	6.750	-0.001	86	277166	50.0	
$ 105 4-Bromofluorobenzene	174	8.535	8.530	0.005	82	100036	51.9	
* 120 1,4-Dichlorobenzene-d4	152	10.377	10.377	0.000	98	113348	50.0	

Reagents:

VOA6IS/SURR_00038 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 29-Aug-2020 13:25:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38379.D

Injection Date: 28-Aug-2020 14:23:44 Instrument ID: CVOAMS15

Lims ID: 460-216817-B-7 Lab Sample ID: 460-216817-7

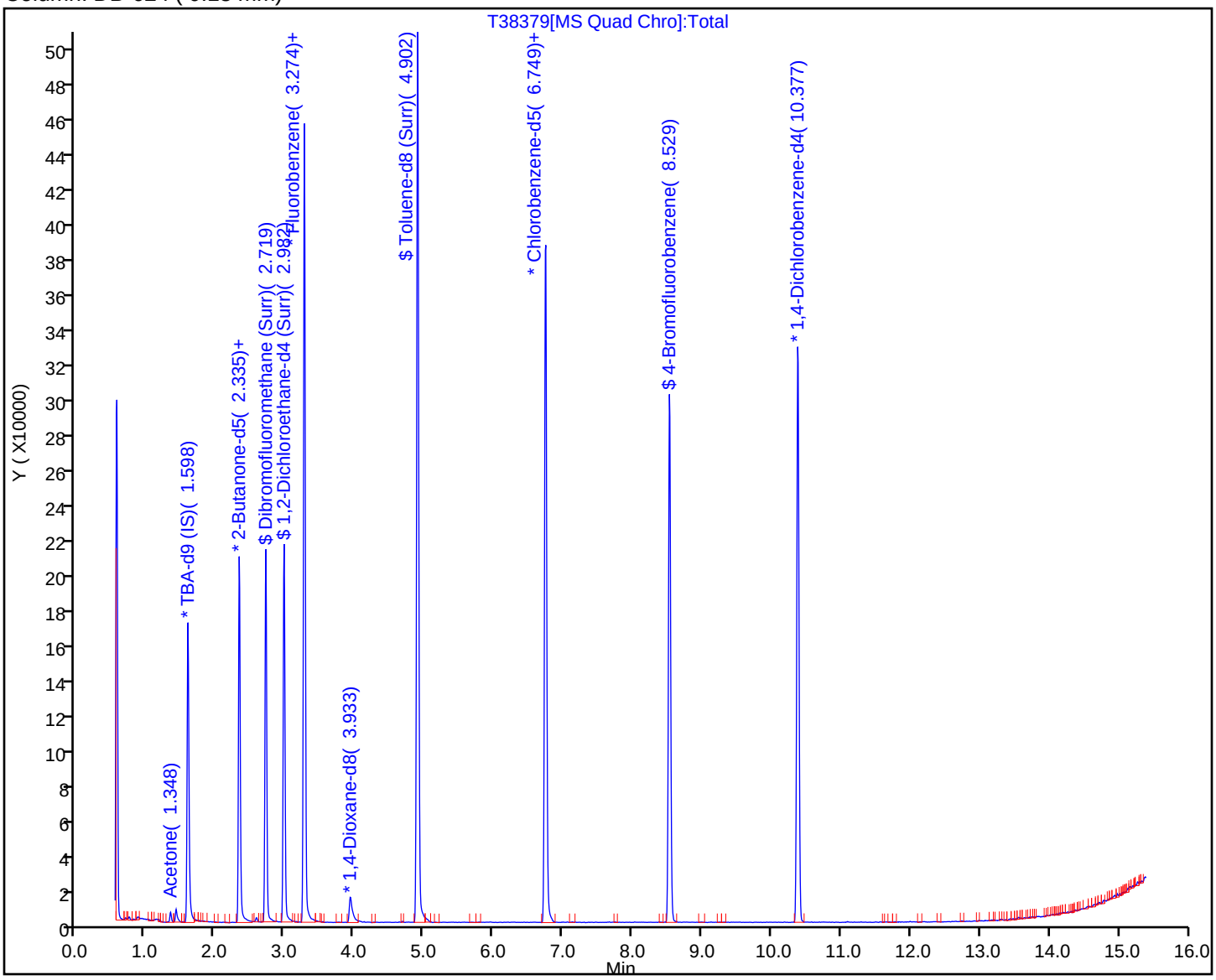
Client ID: TB_20200825

Operator ID: ALS Bottle#: 0 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

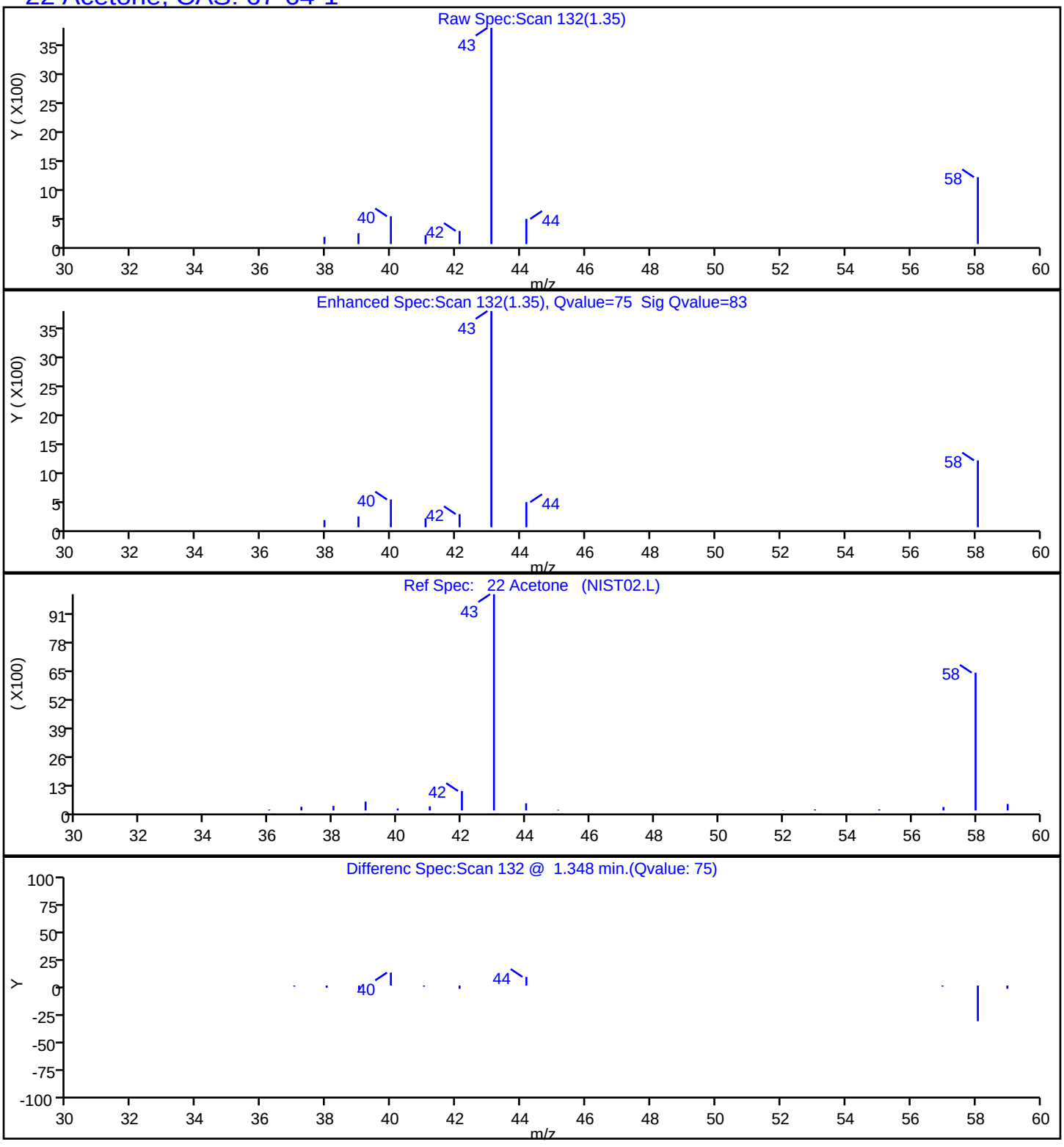
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38379.D				
Injection Date:	28-Aug-2020 14:23:44	Instrument ID:	CVOAMS15		
Lims ID:	460-216817-B-7	Lab Sample ID:	460-216817-7		
Client ID:	TB_20200825				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

22 Acetone, CAS: 67-64-1



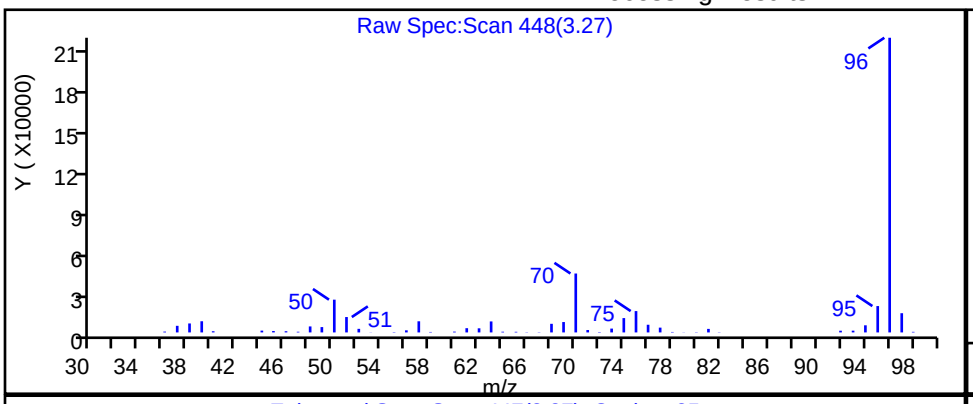
User Disabled Compound Report

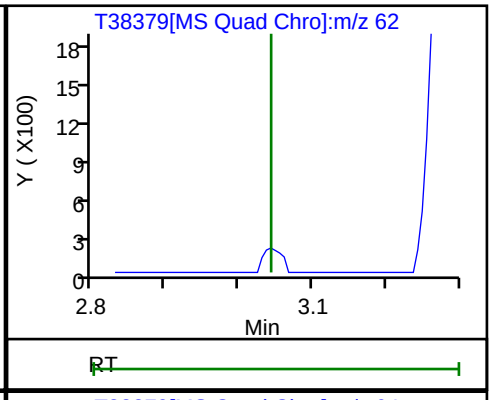
Eurofins TestAmerica, Edison

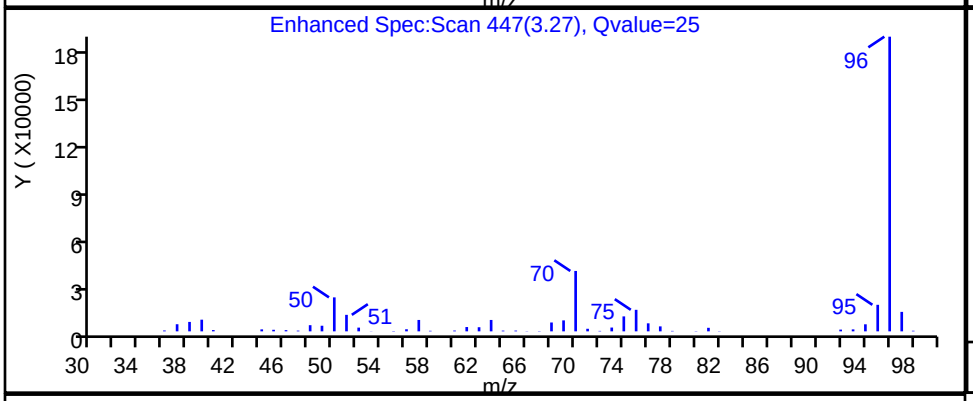
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38379.D				
Injection Date:	28-Aug-2020 14:23:44	Instrument ID:	CVOAMS15		
Lims ID:	460-216817-B-7	Lab Sample ID:	460-216817-7		
Client ID:	TB_20200825				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

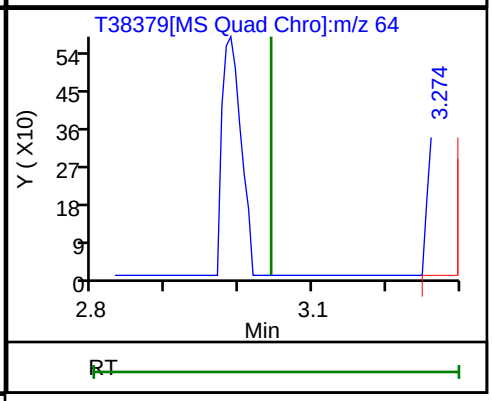
61 1,2-Dichloroethane, CAS: 107-06-2

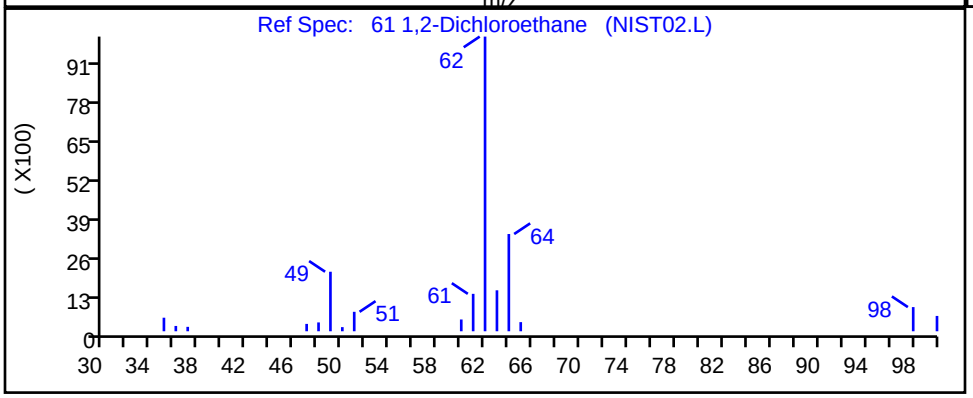
Processing Results











RT	Mass	Response	Amount
3.27	62.00	5537	1.909852
3.27	64.00	890	

Reviewer: parekhv, 28-Aug-2020 19:49:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: K18584.D

Analysis Method: 8260C Date Collected: 08/26/2020 08:45

Sample wt/vol: 3.97(g) Date Analyzed: 08/29/2020 15:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 0.9 Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0013	0.00038
79-00-5	1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.00026	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.00029	U	0.0013	0.00029
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046
96-12-8	1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058
95-50-1	1,2-Dichlorobenzene	0.00018	U	0.0013	0.00018
107-06-2	1,2-Dichloroethane	0.00038	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.00054	U	0.0013	0.00054
541-73-1	1,3-Dichlorobenzene	0.00020	U	0.0013	0.00020
106-46-7	1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029
78-93-3	2-Butanone (MEK)	0.0034	U	0.0064	0.0034
591-78-6	2-Hexanone	0.0022	U	0.0064	0.0022
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0064	0.0020
67-64-1	Acetone	0.0073	U	0.0076	0.0073
71-43-2	Benzene	0.00033	U	0.0013	0.00033
75-25-2	Bromoform	0.00054	U	0.0013	0.00054
74-83-9	Bromomethane	0.00060	U	0.0013	0.00060
75-15-0	Carbon disulfide	0.00034	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.00049	U	0.0013	0.00049
108-90-7	Chlorobenzene	0.00023	U	0.0013	0.00023
74-97-5	Chlorobromomethane	0.00036	U	0.0013	0.00036
124-48-1	Chlorodibromomethane	0.00025	U	0.0013	0.00025
75-00-3	Chloroethane	0.00066	U	0.0013	0.00066
67-66-3	Chloroform	0.00041	U	0.0013	0.00041
74-87-3	Chloromethane	0.00055	U	0.0013	0.00055
156-59-2	cis-1,2-Dichloroethene	0.00019	U	0.0013	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
110-82-7	Cyclohexane	0.00028	U	0.0013	0.00028
75-27-4	Dichlorobromomethane	0.00033	U	0.0013	0.00033
75-71-8	Dichlorodifluoromethane	0.00043	U	0.0013	0.00043
100-41-4	Ethylbenzene	0.00025	U	0.0013	0.00025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: K18584.D

Analysis Method: 8260C Date Collected: 08/26/2020 08:45

Sample wt/vol: 3.97(g) Date Analyzed: 08/29/2020 15:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 0.9 Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00023	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.00016	U	0.0013	0.00016
79-20-9	Methyl acetate	0.0055	U	0.0064	0.0055
1634-04-4	Methyl tert-butyl ether	0.00016	U	0.0013	0.00016
108-87-2	Methylcyclohexane	0.00063	U *	0.0013	0.00063
75-09-2	Methylene Chloride	0.00059	U	0.0013	0.00059
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0013	0.00022
95-47-6	o-Xylene	0.00025	U	0.0013	0.00025
100-42-5	Styrene	0.00035	U	0.0013	0.00035
127-18-4	Tetrachloroethene	0.00022	J	0.0013	0.00018
108-88-3	Toluene	0.00030	U	0.0013	0.00030
156-60-5	trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034
79-01-6	Trichloroethene	0.00018	U	0.0013	0.00018
75-69-4	Trichlorofluoromethane	0.00052	U	0.0013	0.00052
75-01-4	Vinyl chloride	0.00069	U	0.0013	0.00069
1330-20-7	Xylenes, Total	0.00022	U	0.0025	0.00022

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	108		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: K18584.D

Analysis Method: 8260C Date Collected: 08/26/2020 08:45

Sample wt/vol: 3.97(g) Date Analyzed: 08/29/2020 15:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 0.9 Level: (low/med) Low

Analysis Batch No.: 720508 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18584.D
Lims ID: 460-216927-B-1-A
Client ID: SB-15_0-2_20200826
Sample Type: Client
Inject. Date: 29-Aug-2020 15:04:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216927-B-2-A
Misc. Info.: 460-0115966-013
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:53:18 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 30-Aug-2020 09:00:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.421	-0.016	96	454633	1000.0	
* 42 2-Butanone-d5	46	3.289	3.311	-0.022	95	312016	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.758	-0.005	97	194748	54.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.075	-0.011	0	203153	54.8	
* 66 Fluorobenzene	96	4.402	4.413	-0.011	99	529035	50.0	
* 73 1,4-Dioxane-d8	96	5.144	5.210	-0.066	99	36170	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	585947	50.2	
88 Tetrachloroethene	166	7.021	7.021	0.000	47	514	0.1694	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	369779	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	184377	52.8	
* 121 1,4-Dichlorobenzene-d4	152	11.839	11.828	0.011	96	226507	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

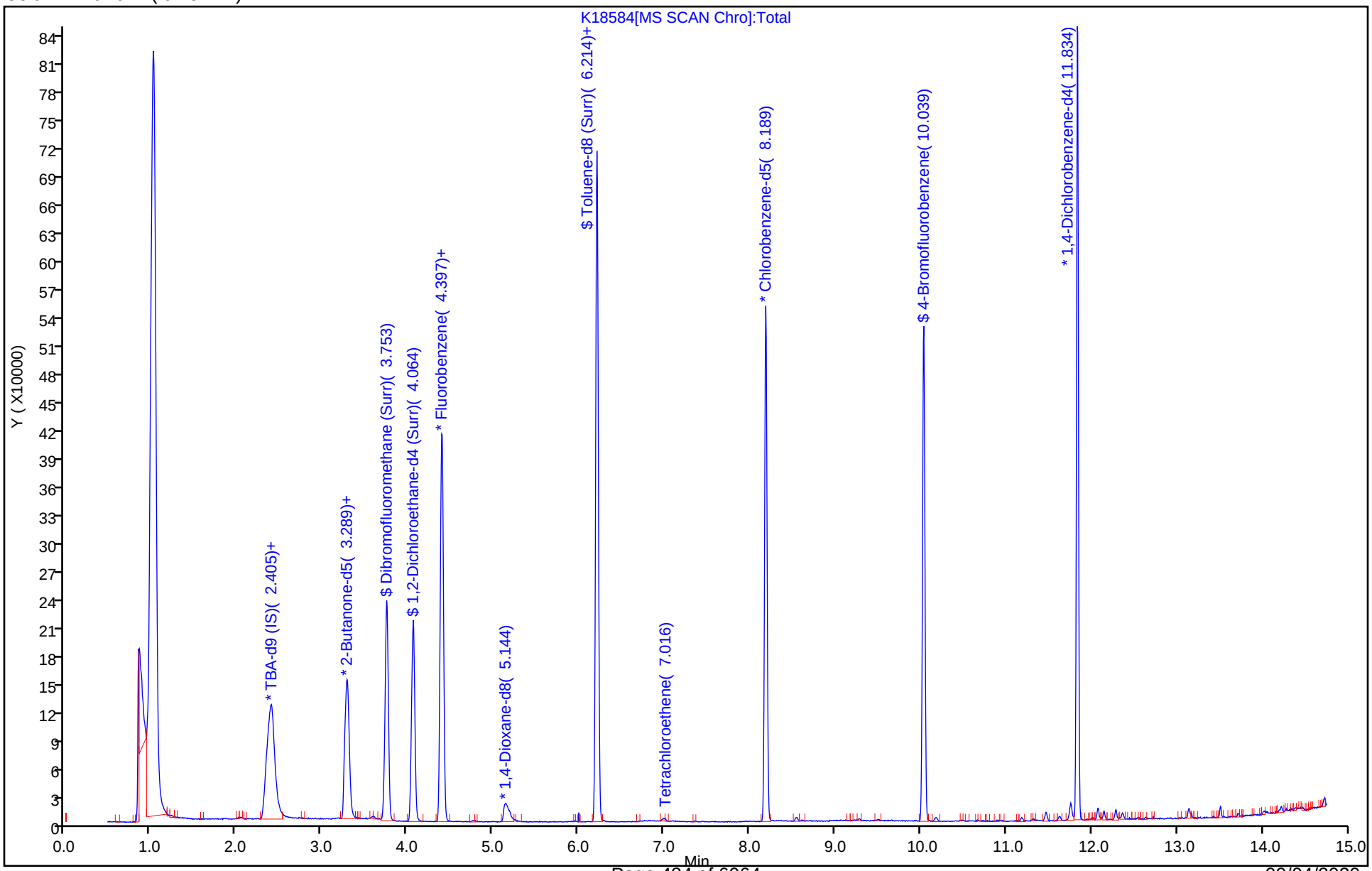
Report Date: 31-Aug-2020 11:54:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18584.D

Injection Date:	29-Aug-2020 15:04:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-216927-B-1-A	Lab Sample ID:	460-216927-1	Worklist Smp#:	13
Client ID:	SB-15_0-2_20200826				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

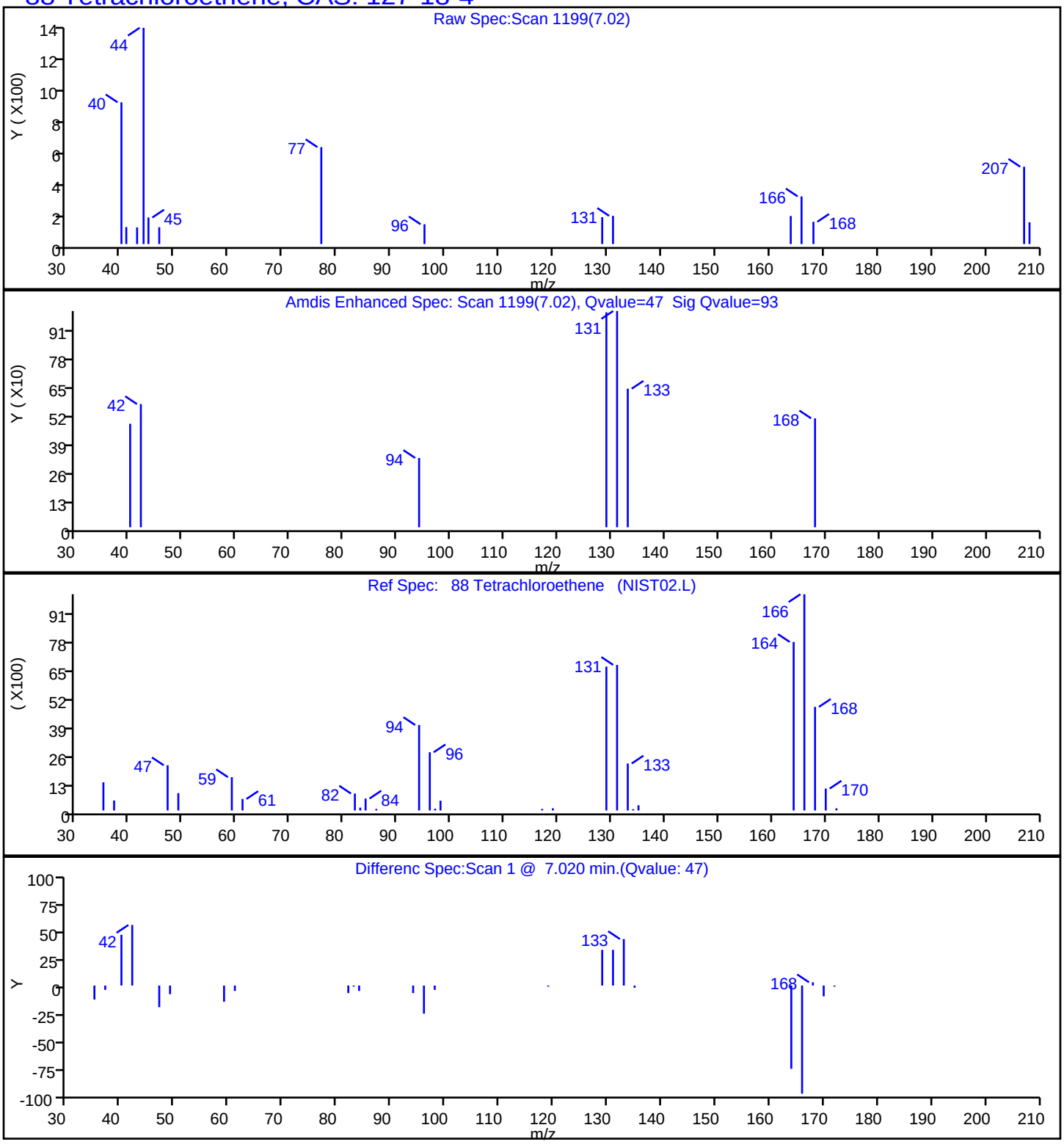
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18584.D		
Injection Date:	29-Aug-2020 15:04:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-B-1-A	Lab Sample ID:	460-216927-1
Client ID:	SB-15_0-2_20200826		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



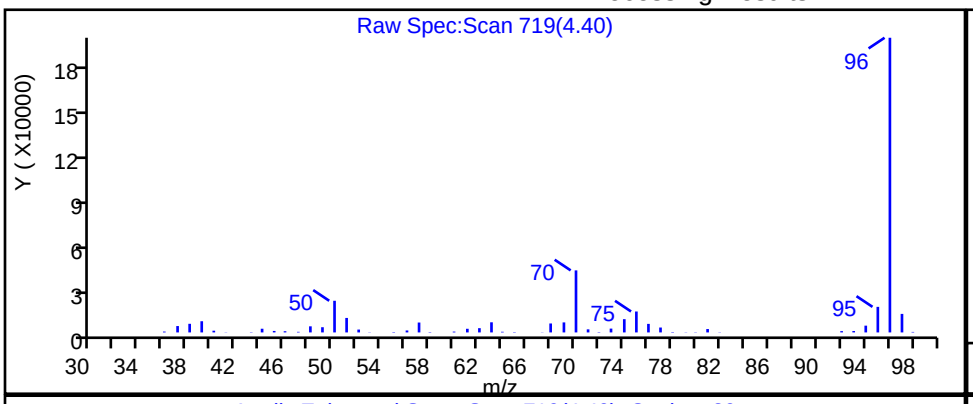
User Disabled Compound Report

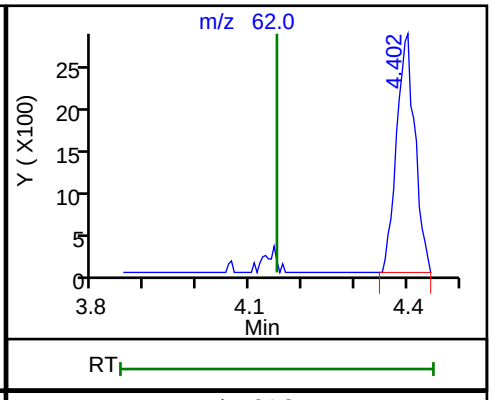
Eurofins TestAmerica, Edison

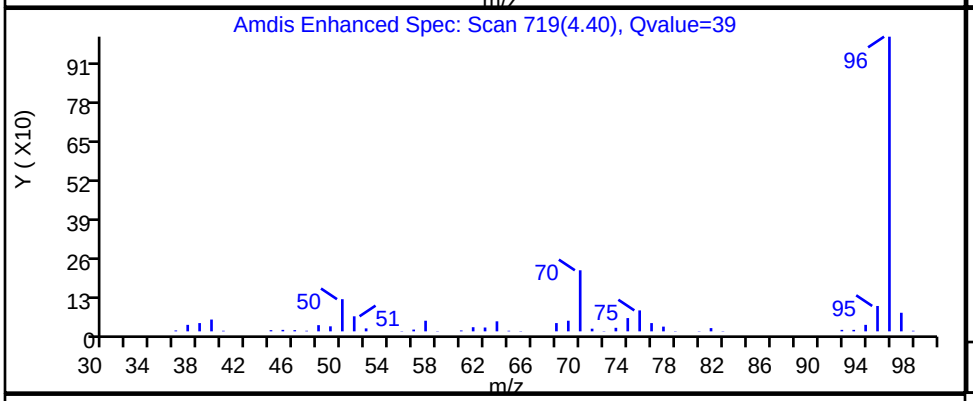
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18584.D		
Injection Date:	29-Aug-2020 15:04:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-B-1-A	Lab Sample ID:	460-216927-1
Client ID:	SB-15_0-2_20200826		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

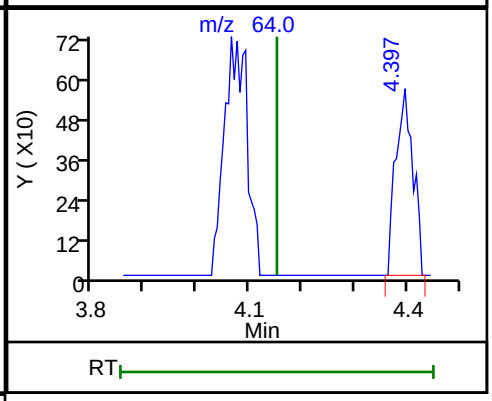
64 1,2-Dichloroethane, CAS: 107-06-2

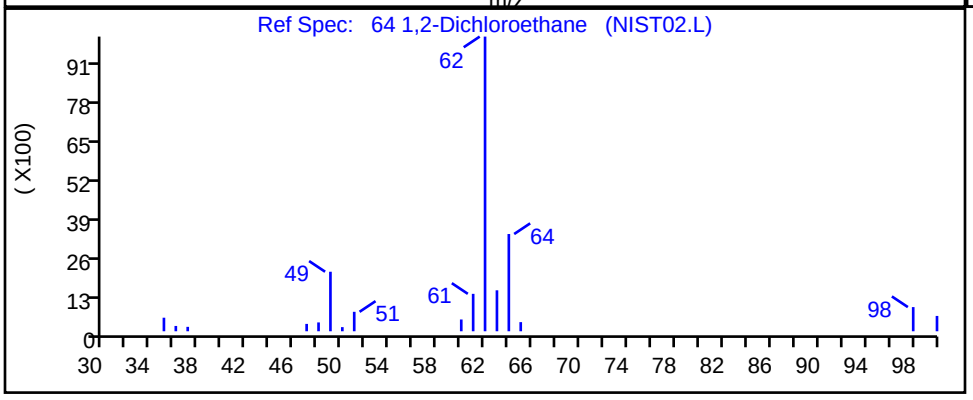
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6919	1.472512
4.40	64.00	1299	

Reviewer: tupayachia, 30-Aug-2020 08:59:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: K18585.D

Analysis Method: 8260C Date Collected: 08/26/2020 09:55

Sample wt/vol: 4.12(g) Date Analyzed: 08/29/2020 15:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.8 Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.00025	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.00028	U	0.0012	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044
96-12-8	1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057
95-50-1	1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018
107-06-2	1,2-Dichloroethane	0.00037	U	0.0012	0.00037
78-87-5	1,2-Dichloropropane	0.00052	U	0.0012	0.00052
541-73-1	1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028
78-93-3	2-Butanone (MEK)	0.0033	U	0.0062	0.0033
591-78-6	2-Hexanone	0.0021	U	0.0062	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019
67-64-1	Acetone	0.0071	U	0.0074	0.0071
71-43-2	Benzene	0.00032	U	0.0012	0.00032
75-25-2	Bromoform	0.00053	U	0.0012	0.00053
74-83-9	Bromomethane	0.00059	U	0.0012	0.00059
75-15-0	Carbon disulfide	0.00033	U	0.0012	0.00033
56-23-5	Carbon tetrachloride	0.00048	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.00022	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.00035	U	0.0012	0.00035
124-48-1	Chlorodibromomethane	0.00024	U	0.0012	0.00024
75-00-3	Chloroethane	0.00064	U	0.0012	0.00064
67-66-3	Chloroform	0.00039	U	0.0012	0.00039
74-87-3	Chloromethane	0.00054	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034
110-82-7	Cyclohexane	0.00027	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.00032	U	0.0012	0.00032
75-71-8	Dichlorodifluoromethane	0.00042	U	0.0012	0.00042
100-41-4	Ethylbenzene	0.00025	U	0.0012	0.00025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: K18585.D

Analysis Method: 8260C Date Collected: 08/26/2020 09:55

Sample wt/vol: 4.12(g) Date Analyzed: 08/29/2020 15:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.8 Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.00016	U	0.0012	0.00016
79-20-9	Methyl acetate	0.0053	U	0.0062	0.0053
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00062	U *	0.0012	0.00062
75-09-2	Methylene Chloride	0.00057	U	0.0012	0.00057
179601-23-1	m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021
95-47-6	o-Xylene	0.00024	U	0.0012	0.00024
100-42-5	Styrene	0.00034	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.00018	U	0.0012	0.00018
108-88-3	Toluene	0.00029	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033
79-01-6	Trichloroethene	0.00018	U	0.0012	0.00018
75-69-4	Trichlorofluoromethane	0.00050	U	0.0012	0.00050
75-01-4	Vinyl chloride	0.00067	U	0.0012	0.00067
1330-20-7	Xylenes, Total	0.00021	U	0.0025	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: K18585.D

Analysis Method: 8260C Date Collected: 08/26/2020 09:55

Sample wt/vol: 4.12(g) Date Analyzed: 08/29/2020 15:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.8 Level: (low/med) Low

Analysis Batch No.: 720508 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18585.D
Lims ID: 460-216927-C-2-A
Client ID: SB-16_1-3_20200826
Sample Type: Client
Inject. Date: 29-Aug-2020 15:27:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216927-C-2-A
Misc. Info.: 460-0115966-014
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:53:18 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 30-Aug-2020 09:00:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.421	-0.016	96	456699	1000.0	
* 42 2-Butanone-d5	46	3.295	3.311	-0.016	95	316490	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.758	-0.005	97	189568	54.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.075	-0.011	0	199735	56.1	
* 66 Fluorobenzene	96	4.402	4.413	-0.011	98	507389	50.0	
* 73 1,4-Dioxane-d8	96	5.155	5.210	-0.055	100	37151	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	542645	49.9	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	344104	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	96	171099	52.7	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.828	0.000	96	213846	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

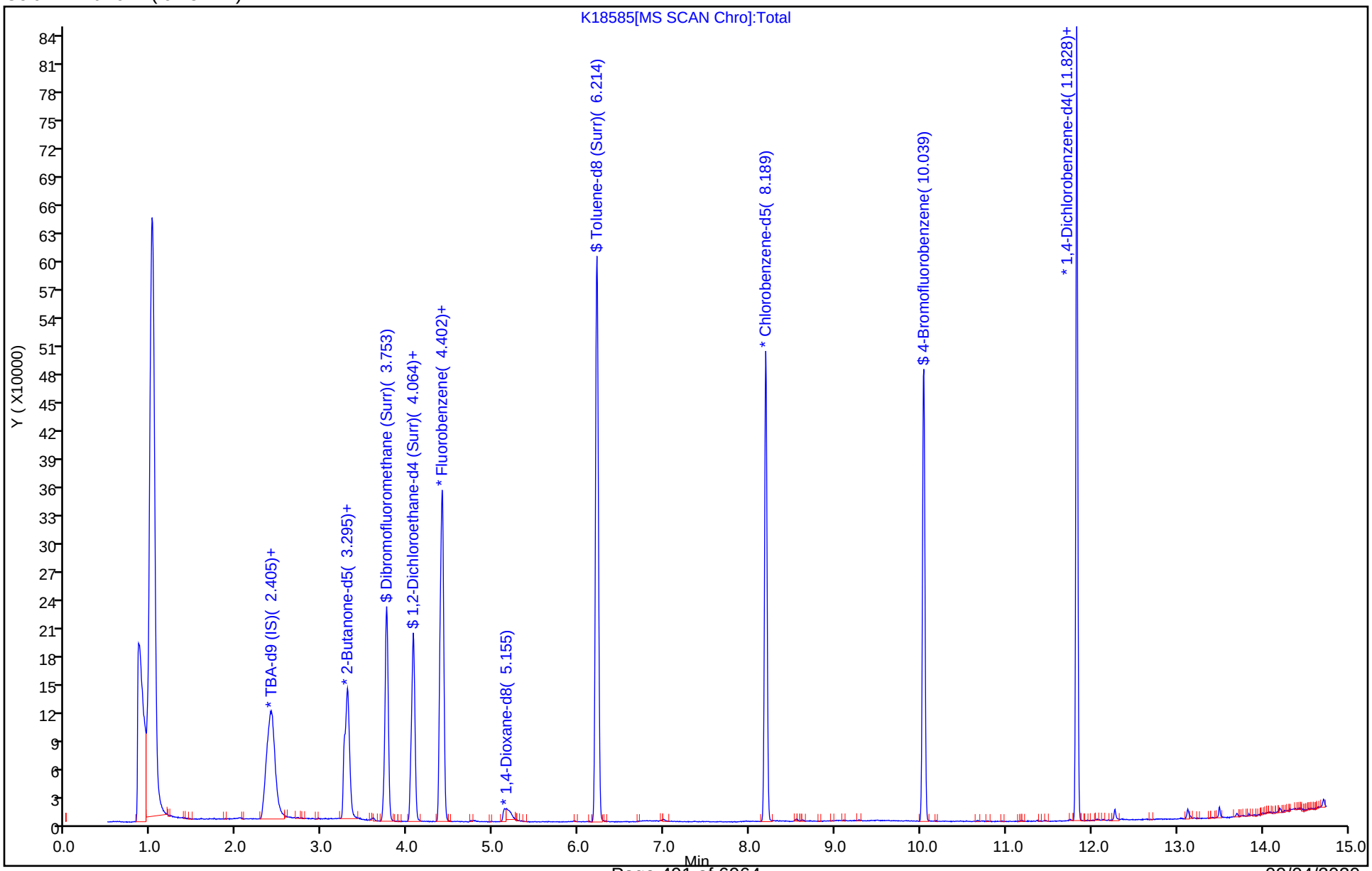
Report Date: 31-Aug-2020 11:54:41 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18585.D

Injection Date:	29-Aug-2020 15:27:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-216927-C-2-A	Lab Sample ID:	460-216927-2	Worklist Smp#:	14
Client ID:	SB-16_1-3_20200826				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: K18586.D

Analysis Method: 8260C Date Collected: 08/26/2020 13:40

Sample wt/vol: 4.61(g) Date Analyzed: 08/29/2020 15:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00026	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.00025	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.00028	U	0.0012	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044
96-12-8	1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057
95-50-1	1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018
107-06-2	1,2-Dichloroethane	0.00036	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.00052	U	0.0012	0.00052
541-73-1	1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028
78-93-3	2-Butanone (MEK)	0.0033	U	0.0061	0.0033
591-78-6	2-Hexanone	0.0021	U	0.0061	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0061	0.0019
67-64-1	Acetone	0.0070	U	0.0074	0.0070
71-43-2	Benzene	0.00032	U	0.0012	0.00032
75-25-2	Bromoform	0.00052	U	0.0012	0.00052
74-83-9	Bromomethane	0.00058	U	0.0012	0.00058
75-15-0	Carbon disulfide	0.00033	U	0.0012	0.00033
56-23-5	Carbon tetrachloride	0.00048	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.00022	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.00035	U	0.0012	0.00035
124-48-1	Chlorodibromomethane	0.00024	U	0.0012	0.00024
75-00-3	Chloroethane	0.00064	U	0.0012	0.00064
67-66-3	Chloroform	0.00039	U	0.0012	0.00039
74-87-3	Chloromethane	0.00054	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034
110-82-7	Cyclohexane	0.00027	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.00032	U	0.0012	0.00032
75-71-8	Dichlorodifluoromethane	0.00042	U	0.0012	0.00042
100-41-4	Ethylbenzene	0.00024	U	0.0012	0.00024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: K18586.D

Analysis Method: 8260C Date Collected: 08/26/2020 13:40

Sample wt/vol: 4.61(g) Date Analyzed: 08/29/2020 15:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.00015	U	0.0012	0.00015
79-20-9	Methyl acetate	0.0053	U	0.0061	0.0053
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00061	U *	0.0012	0.00061
75-09-2	Methylene Chloride	0.0017		0.0012	0.00057
179601-23-1	m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021
95-47-6	o-Xylene	0.00024	U	0.0012	0.00024
100-42-5	Styrene	0.00034	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.022		0.0012	0.00018
108-88-3	Toluene	0.00029	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033
79-01-6	Trichloroethene	0.00018	J	0.0012	0.00018
75-69-4	Trichlorofluoromethane	0.00050	U	0.0012	0.00050
75-01-4	Vinyl chloride	0.00067	U	0.0012	0.00067
1330-20-7	Xylenes, Total	0.00021	U	0.0025	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		77-145
460-00-4	4-Bromofluorobenzene	102		79-125
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: K18586.D

Analysis Method: 8260C Date Collected: 08/26/2020 13:40

Sample wt/vol: 4.61(g) Date Analyzed: 08/29/2020 15:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 Level: (low/med) Low

Analysis Batch No.: 720508 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D
Lims ID: 460-216927-C-3-A
Client ID: SB-17_0-2_20200826
Sample Type: Client
Inject. Date: 29-Aug-2020 15:50:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-216927-C-3-A
Misc. Info.: 460-0115966-015
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:55:22 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 30-Aug-2020 09:00:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
31 Methylene Chloride	84	2.351	2.345	0.006	99	6651	1.42	
* 30 TBA-d9 (IS)	65	2.411	2.421	-0.010	95	566878	1000.0	
* 42 2-Butanone-d5	46	3.306	3.311	-0.005	95	387496	250.0	M
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	96	195611	55.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.075	-0.006	0	212868	58.1	
* 66 Fluorobenzene	96	4.408	4.413	-0.005	98	522814	50.0	
69 Trichloroethene	95	4.790	4.795	-0.005	26	483	0.1445	M
* 73 1,4-Dioxane-d8	96	5.161	5.210	-0.049	99	47309	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	557497	49.8	
88 Tetrachloroethene	166	7.021	7.021	0.000	97	51959	17.9	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	354572	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	171487	51.2	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.828	0.000	96	214868	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

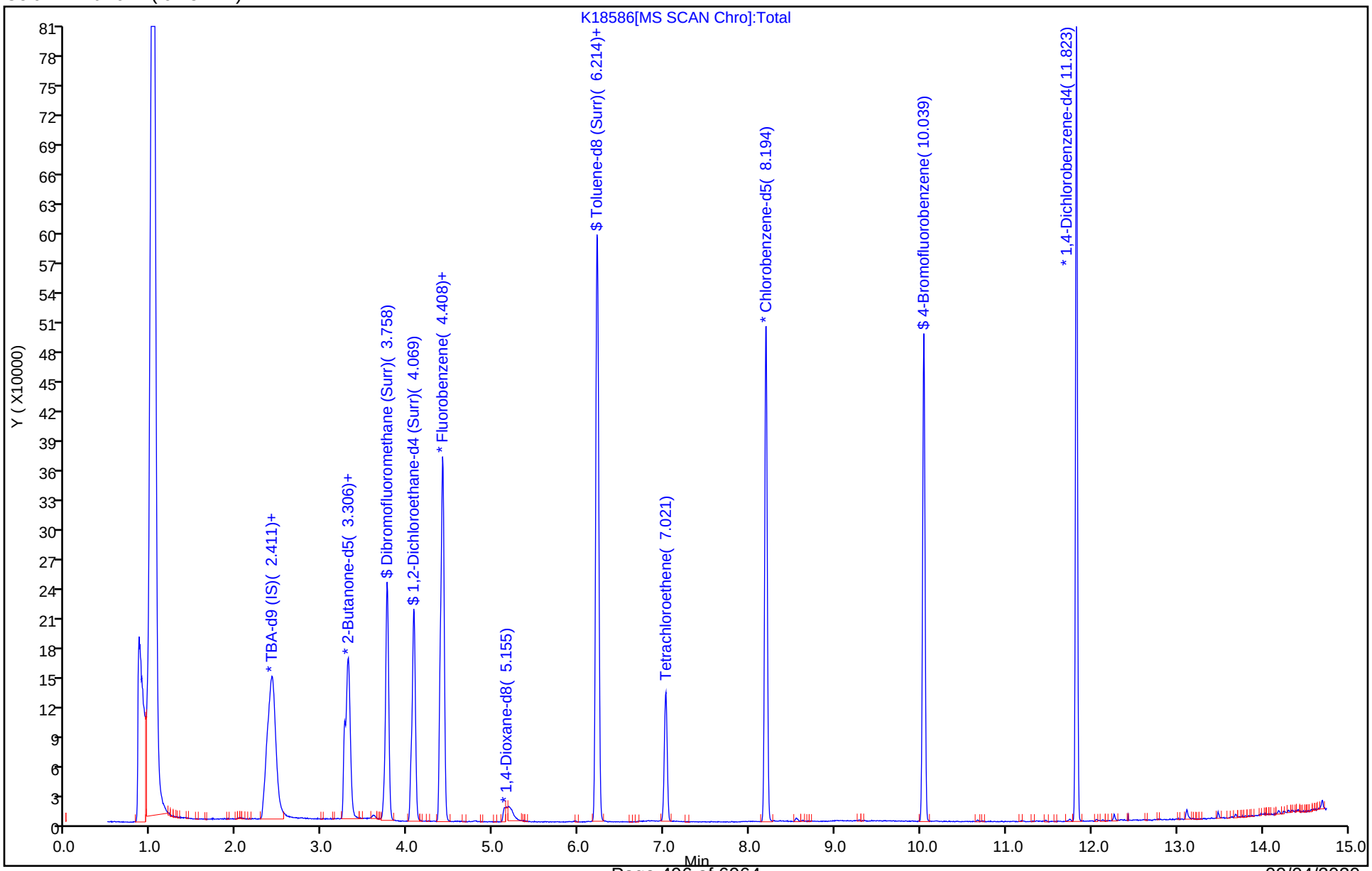
Report Date: 31-Aug-2020 11:55:22 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D

Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3	Worklist Smp#:	15
Client ID:	SB-17_0-2_20200826				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

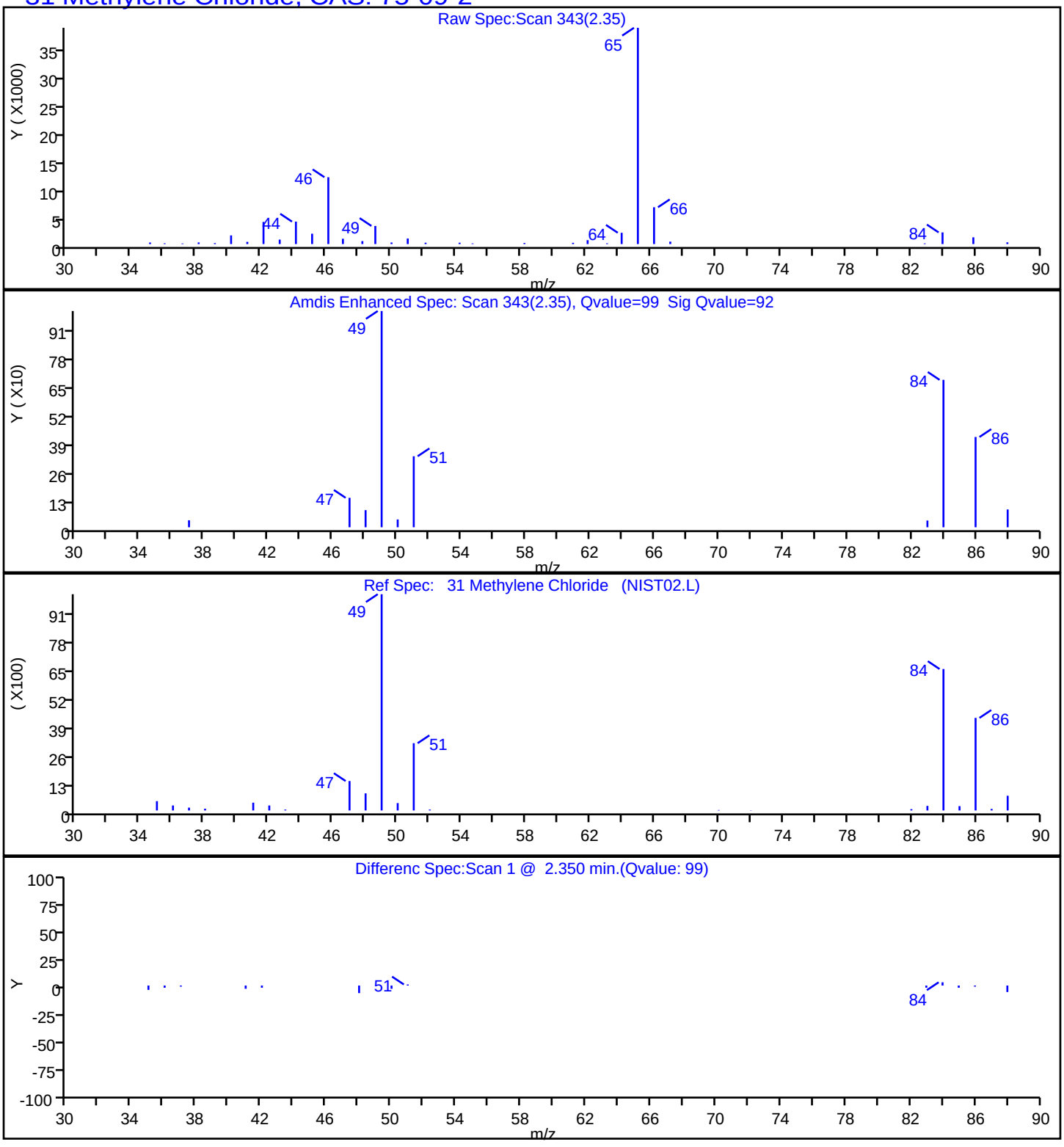
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D				
Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9		
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

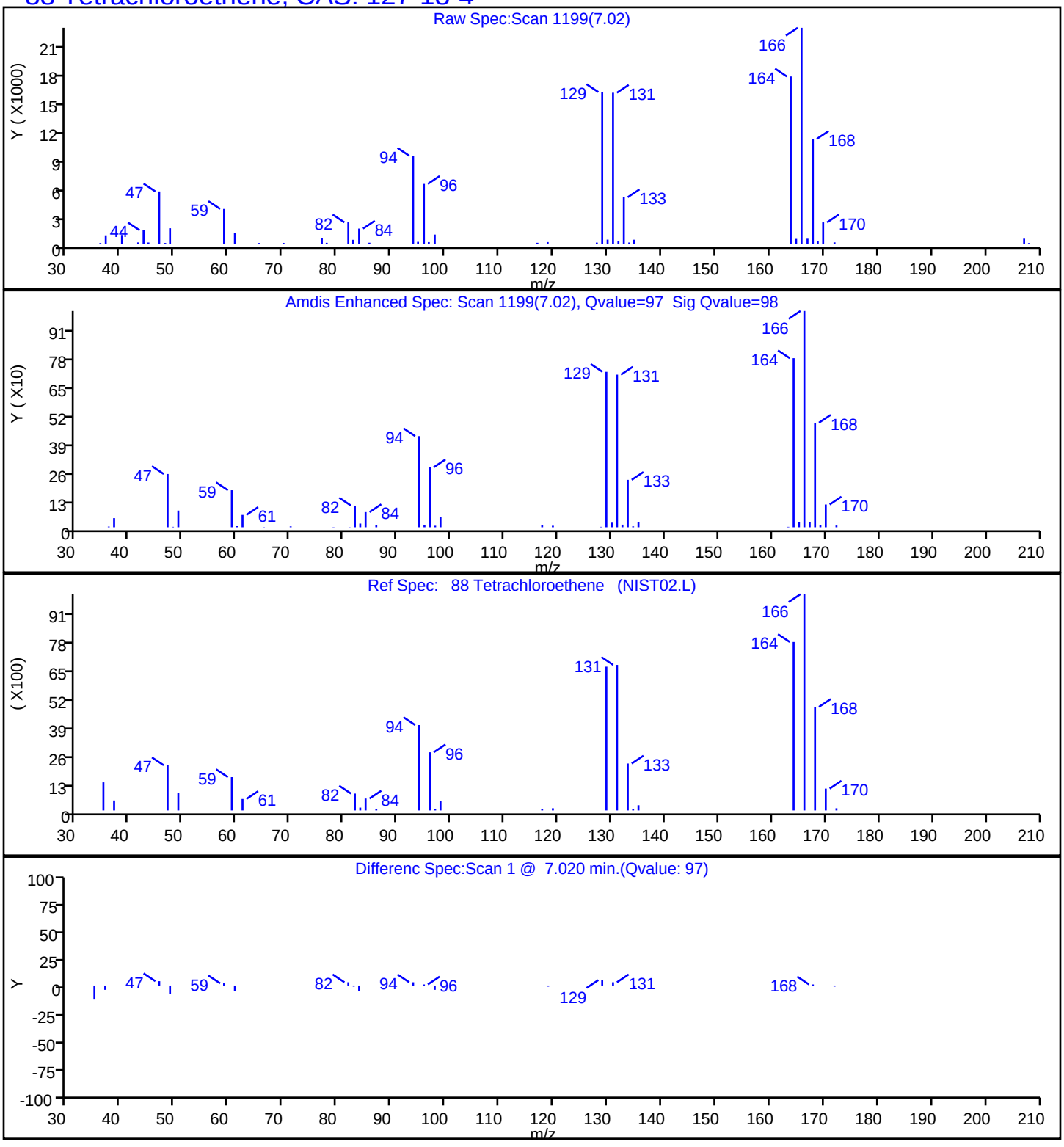
31 Methylene Chloride, CAS: 75-09-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D		
Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3
Client ID:	SB-17_0-2_20200826		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

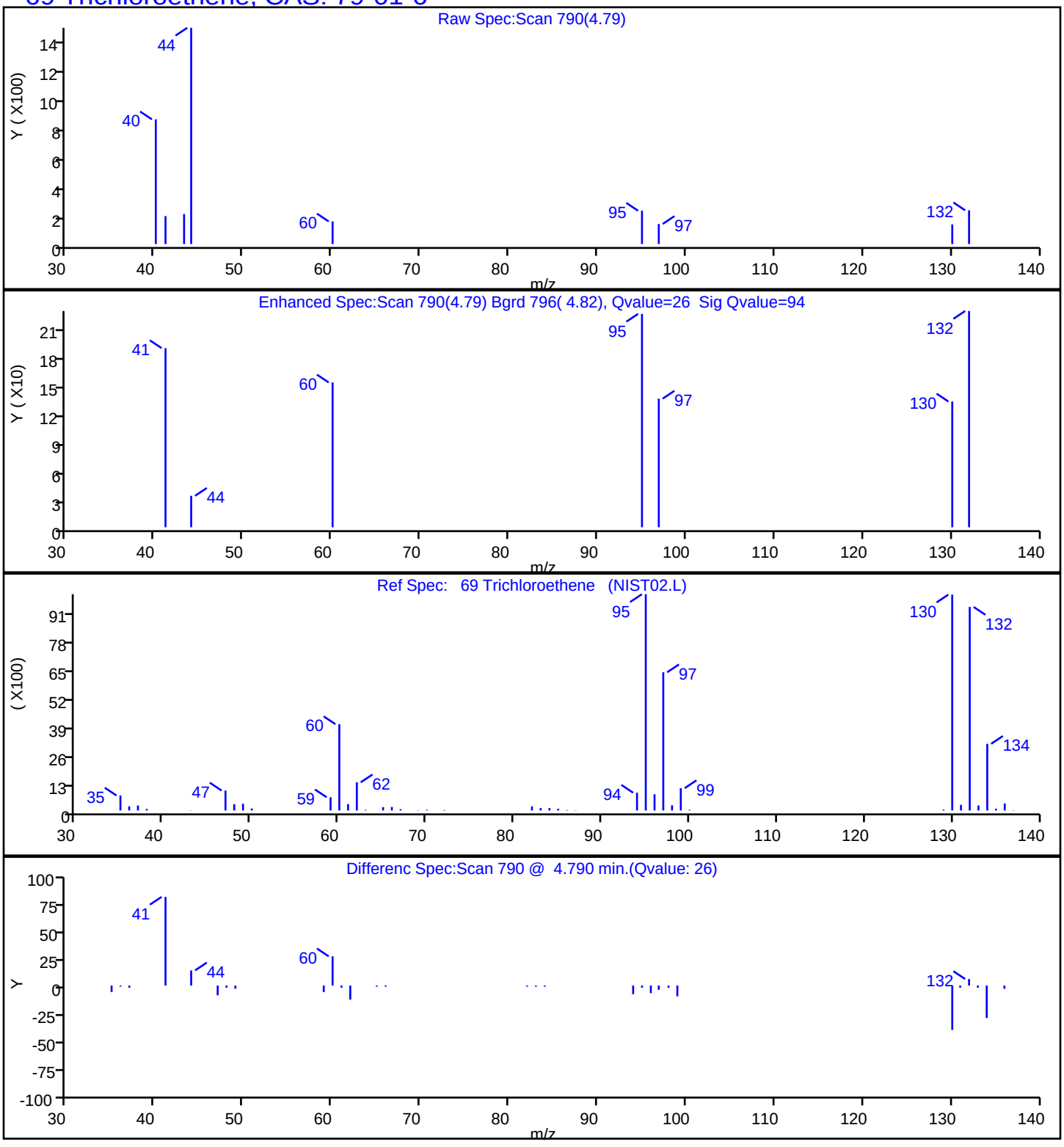
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D		
Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3
Client ID:	SB-17_0-2_20200826		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



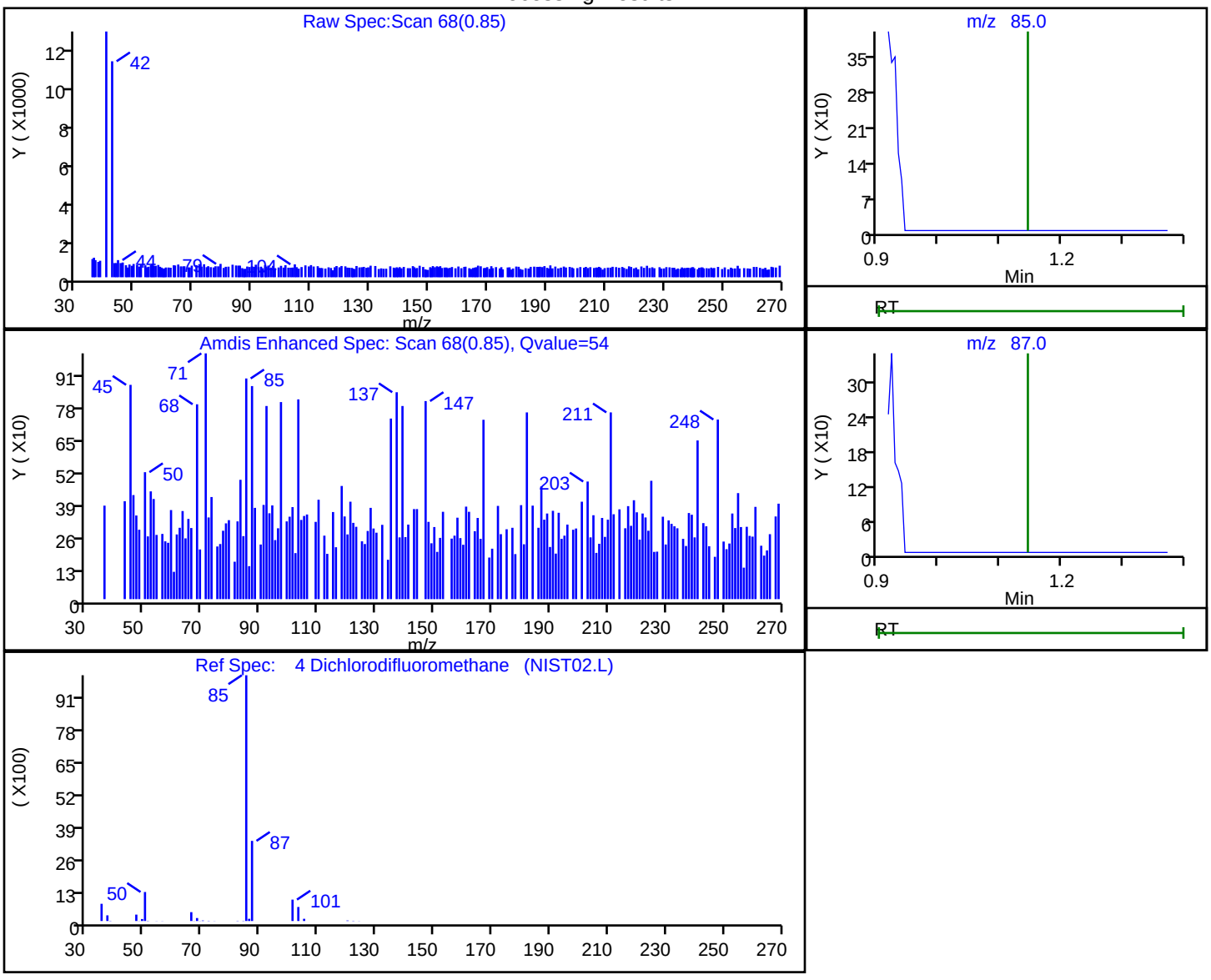
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D		
Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3
Client ID:	SB-17_0-2_20200826		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.85	85.00	2273	0.429617
0.85	87.00	920	

Reviewer: tupayachia, 30-Aug-2020 09:00:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

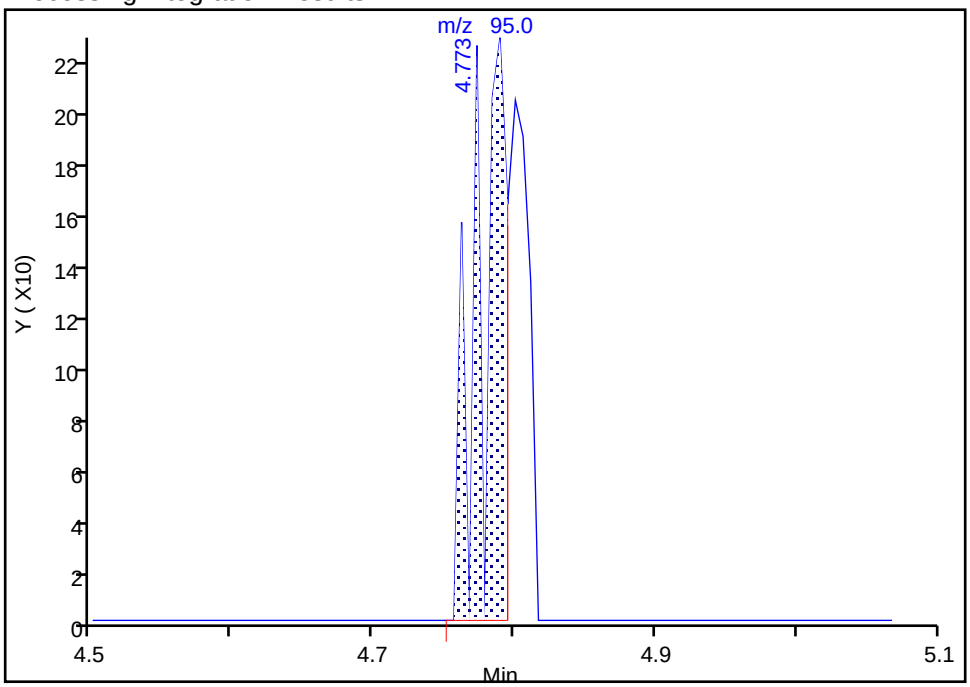
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D		
Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3
Client ID:	SB-17_0-2_20200826		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6

Signal: 1

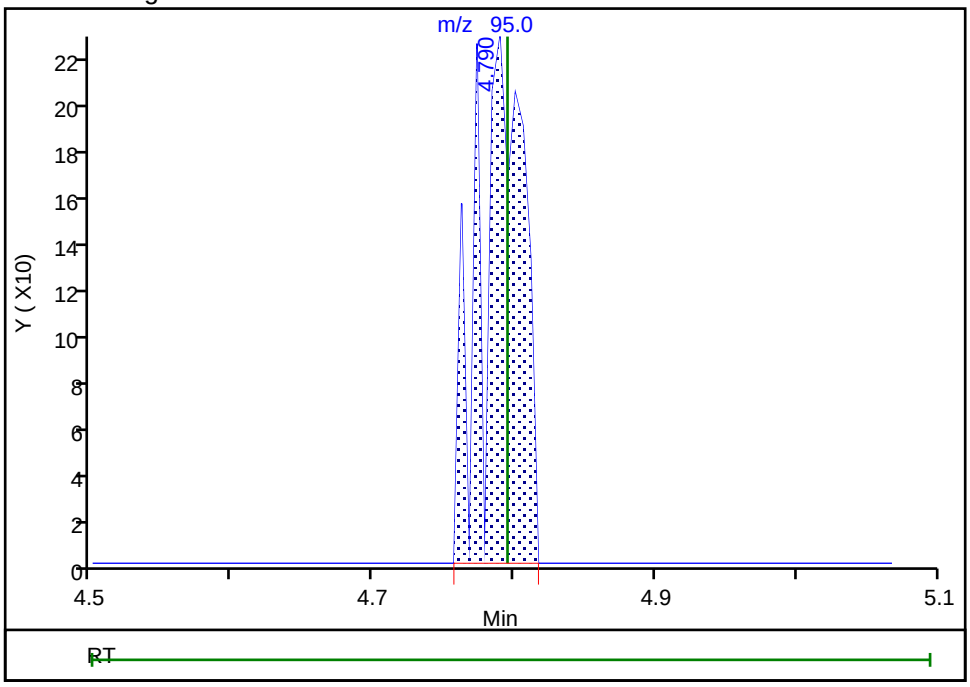
Processing Integration Results

RT: 4.77
Area: 314
Amount: 0.093945
Amount Units: ug/l



Manual Integration Results

RT: 4.79
Area: 483
Amount: 0.144508
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:55:17

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

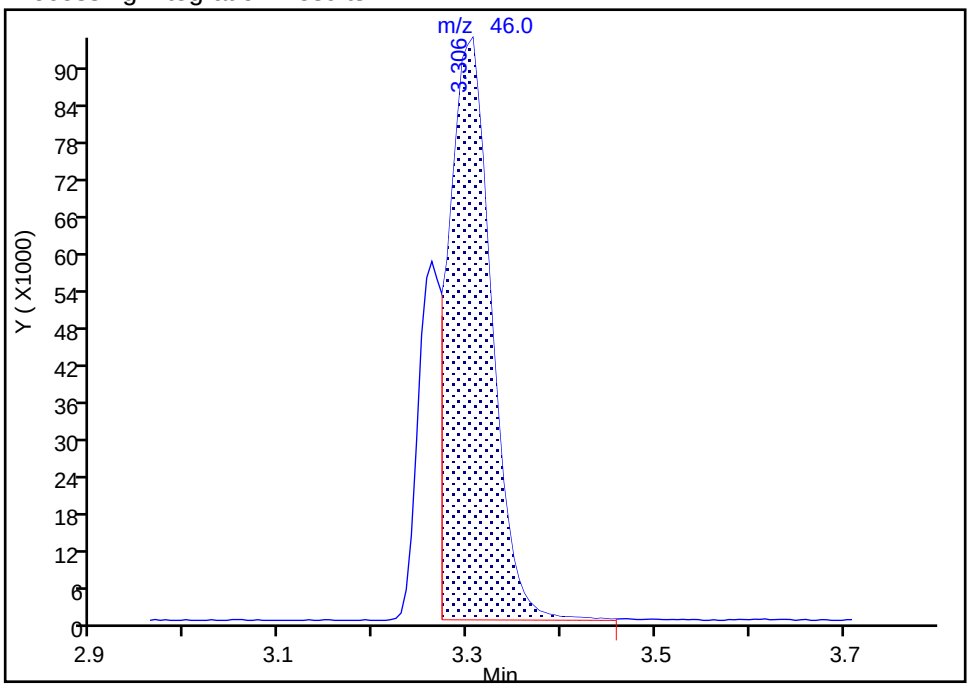
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18586.D		
Injection Date:	29-Aug-2020 15:50:30	Instrument ID:	CVOAMS9
Lims ID:	460-216927-C-3-A	Lab Sample ID:	460-216927-3
Client ID:	SB-17_0-2_20200826		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

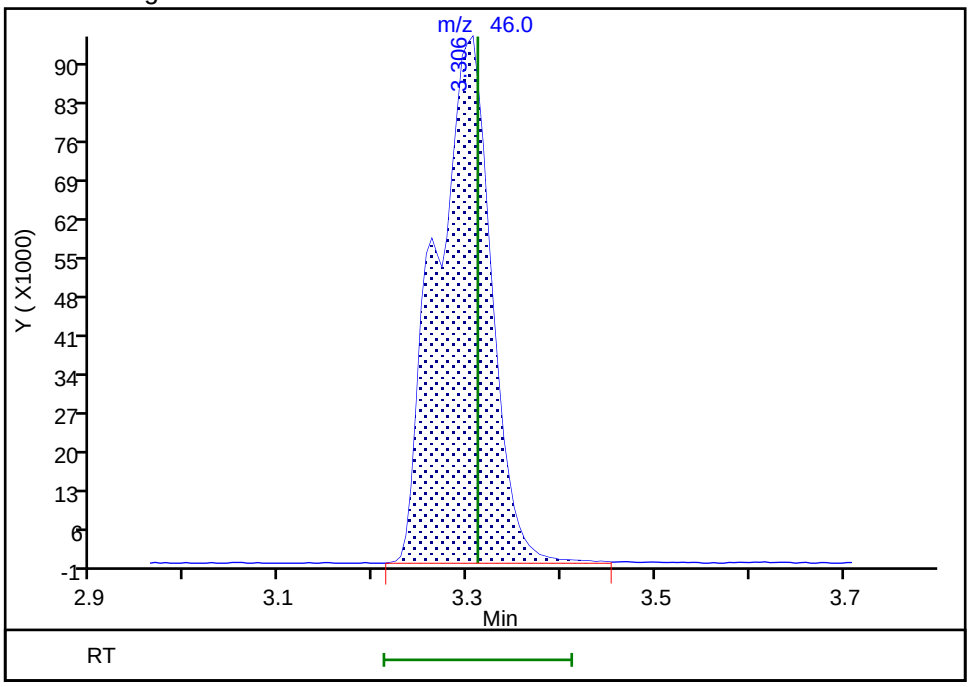
Processing Integration Results

RT: 3.31
Area: 299949
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 387496
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:55:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: K18661.D

Analysis Method: 8260C Date Collected: 08/27/2020 08:25

Sample wt/vol: 5.85(g) Date Analyzed: 09/01/2020 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00021	U	0.00091	0.00021
79-34-5	1,1,2,2-Tetrachloroethane	0.00020	U	0.00091	0.00020
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00028	U	0.00091	0.00028
79-00-5	1,1,2-Trichloroethane	0.00016	U	0.00091	0.00016
75-34-3	1,1-Dichloroethane	0.00019	U	0.00091	0.00019
75-35-4	1,1-Dichloroethene	0.00021	U	0.00091	0.00021
87-61-6	1,2,3-Trichlorobenzene	0.00017	U	0.00091	0.00017
120-82-1	1,2,4-Trichlorobenzene	0.00033	U	0.00091	0.00033
96-12-8	1,2-Dibromo-3-Chloropropane	0.00042	U	0.00091	0.00042
95-50-1	1,2-Dichlorobenzene	0.00013	U	0.00091	0.00013
107-06-2	1,2-Dichloroethane	0.00027	U	0.00091	0.00027
78-87-5	1,2-Dichloropropane	0.00039	U	0.00091	0.00039
541-73-1	1,3-Dichlorobenzene	0.00015	U	0.00091	0.00015
106-46-7	1,4-Dichlorobenzene	0.00021	U	0.00091	0.00021
78-93-3	2-Butanone (MEK)	0.0025	U	0.0046	0.0025
591-78-6	2-Hexanone	0.0016	U	0.0046	0.0016
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0014	U	0.0046	0.0014
67-64-1	Acetone	0.0052	U	0.0055	0.0052
71-43-2	Benzene	0.00024	U	0.00091	0.00024
75-25-2	Bromoform	0.00039	U	0.00091	0.00039
74-83-9	Bromomethane	0.00043	U	0.00091	0.00043
75-15-0	Carbon disulfide	0.00024	U	0.00091	0.00024
56-23-5	Carbon tetrachloride	0.00035	U	0.00091	0.00035
108-90-7	Chlorobenzene	0.00016	U	0.00091	0.00016
74-97-5	Chlorobromomethane	0.00026	U	0.00091	0.00026
124-48-1	Chlorodibromomethane	0.00018	U	0.00091	0.00018
75-00-3	Chloroethane	0.00048	U	0.00091	0.00048
67-66-3	Chloroform	0.00029	U	0.00091	0.00029
74-87-3	Chloromethane	0.00040	U	0.00091	0.00040
156-59-2	cis-1,2-Dichloroethene	0.00014	U	0.00091	0.00014
10061-01-5	cis-1,3-Dichloropropene	0.00025	U	0.00091	0.00025
110-82-7	Cyclohexane	0.00020	U	0.00091	0.00020
75-27-4	Dichlorobromomethane	0.00023	U	0.00091	0.00023
75-71-8	Dichlorodifluoromethane	0.00031	U	0.00091	0.00031
100-41-4	Ethylbenzene	0.00018	U	0.00091	0.00018

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: K18661.D

Analysis Method: 8260C Date Collected: 08/27/2020 08:25

Sample wt/vol: 5.85(g) Date Analyzed: 09/01/2020 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00016	U	0.00091	0.00016
98-82-8	Isopropylbenzene	0.00012	U	0.00091	0.00012
79-20-9	Methyl acetate	0.0039	U	0.0046	0.0039
1634-04-4	Methyl tert-butyl ether	0.00011	U	0.00091	0.00011
108-87-2	Methylcyclohexane	0.00046	U	0.00091	0.00046
75-09-2	Methylene Chloride	0.00042	U	0.00091	0.00042
179601-23-1	m-Xylene & p-Xylene	0.00016	U	0.00091	0.00016
95-47-6	o-Xylene	0.00018	U	0.00091	0.00018
100-42-5	Styrene	0.00025	U	0.00091	0.00025
127-18-4	Tetrachloroethene	0.00022	J	0.00091	0.00013
108-88-3	Toluene	0.00021	U	0.00091	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00022	U	0.00091	0.00022
10061-02-6	trans-1,3-Dichloropropene	0.00024	U	0.00091	0.00024
79-01-6	Trichloroethene	0.00013	U	0.00091	0.00013
75-69-4	Trichlorofluoromethane	0.00037	U	0.00091	0.00037
75-01-4	Vinyl chloride	0.00050	U	0.00091	0.00050
1330-20-7	Xylenes, Total	0.00016	U	0.0018	0.00016

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: K18661.D

Analysis Method: 8260C Date Collected: 08/27/2020 08:25

Sample wt/vol: 5.85(g) Date Analyzed: 09/01/2020 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18661.D
Lims ID: 460-217009-D-1-A
Client ID: SB-10_1-3_20200827
Sample Type: Client
Inject. Date: 01-Sep-2020 11:43:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-1-A
Misc. Info.: 460-0116107-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 12:54:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 12:11:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.400	0.011	96	474133	1000.0	
* 42 2-Butanone-d5	46	3.306	3.289	0.017	95	317556	250.0	M
$ 55 Dibromofluoromethane (Surr)	113	3.764	3.753	0.011	97	203732	55.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.064	0.011	0	207424	54.5	
* 66 Fluorobenzene	96	4.413	4.402	0.011	99	542340	50.0	
* 73 1,4-Dioxane-d8	96	5.188	5.155	0.033	97	39327	1000.0	M
$ 83 Toluene-d8 (Surr)	98	6.219	6.214	0.005	99	597365	49.5	
88 Tetrachloroethene	166	7.016	7.016	0.000	60	737	0.2353	
* 94 Chlorobenzene-d5	117	8.195	8.189	0.005	87	381791	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	193581	53.7	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.817	0.006	96	237212	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

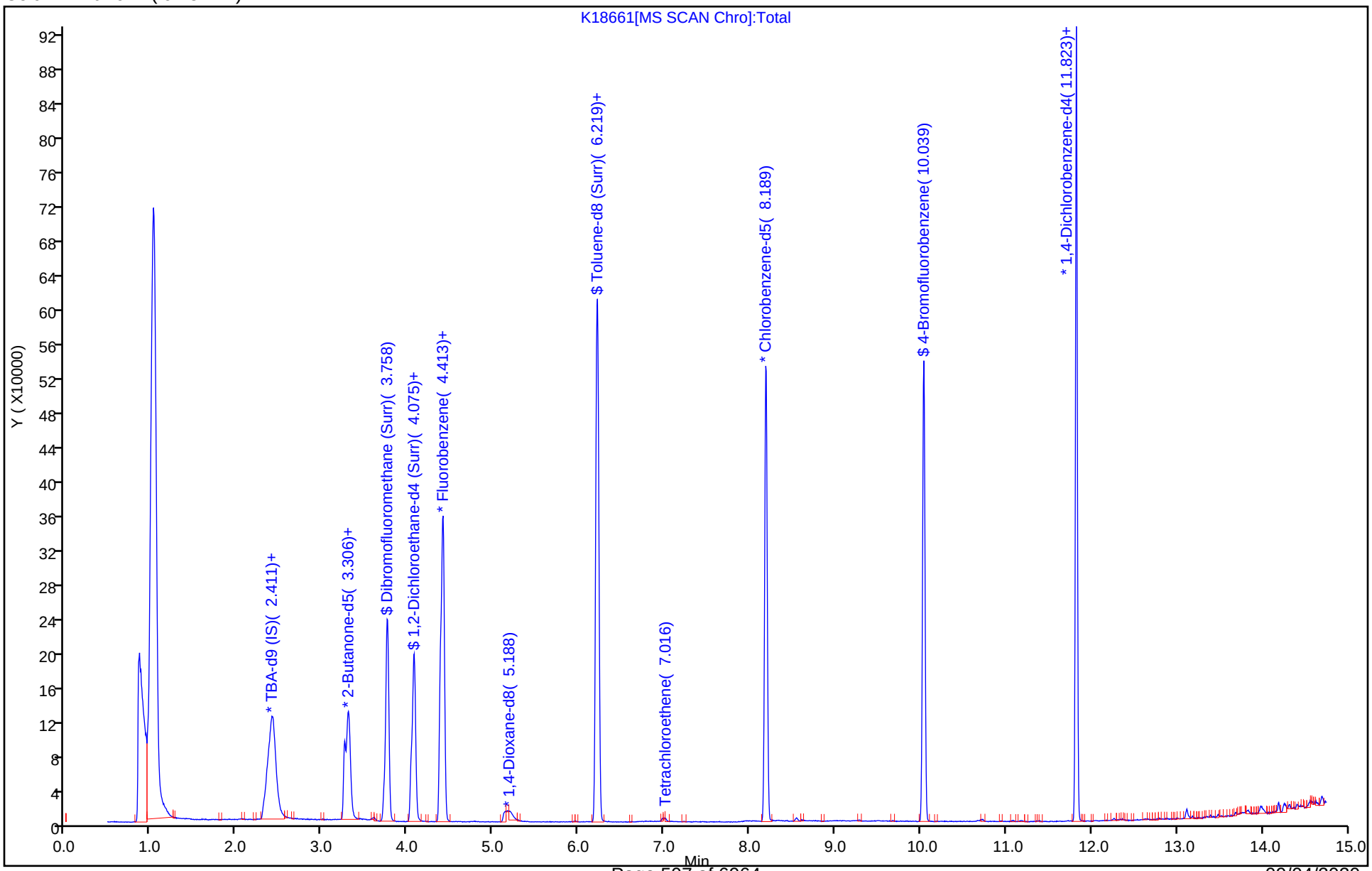
Report Date: 02-Sep-2020 12:54:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18661.D

Injection Date:	01-Sep-2020 11:43:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-D-1-A	Lab Sample ID:	460-217009-1	Worklist Smp#:	10
Client ID:	SB-10_1-3_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

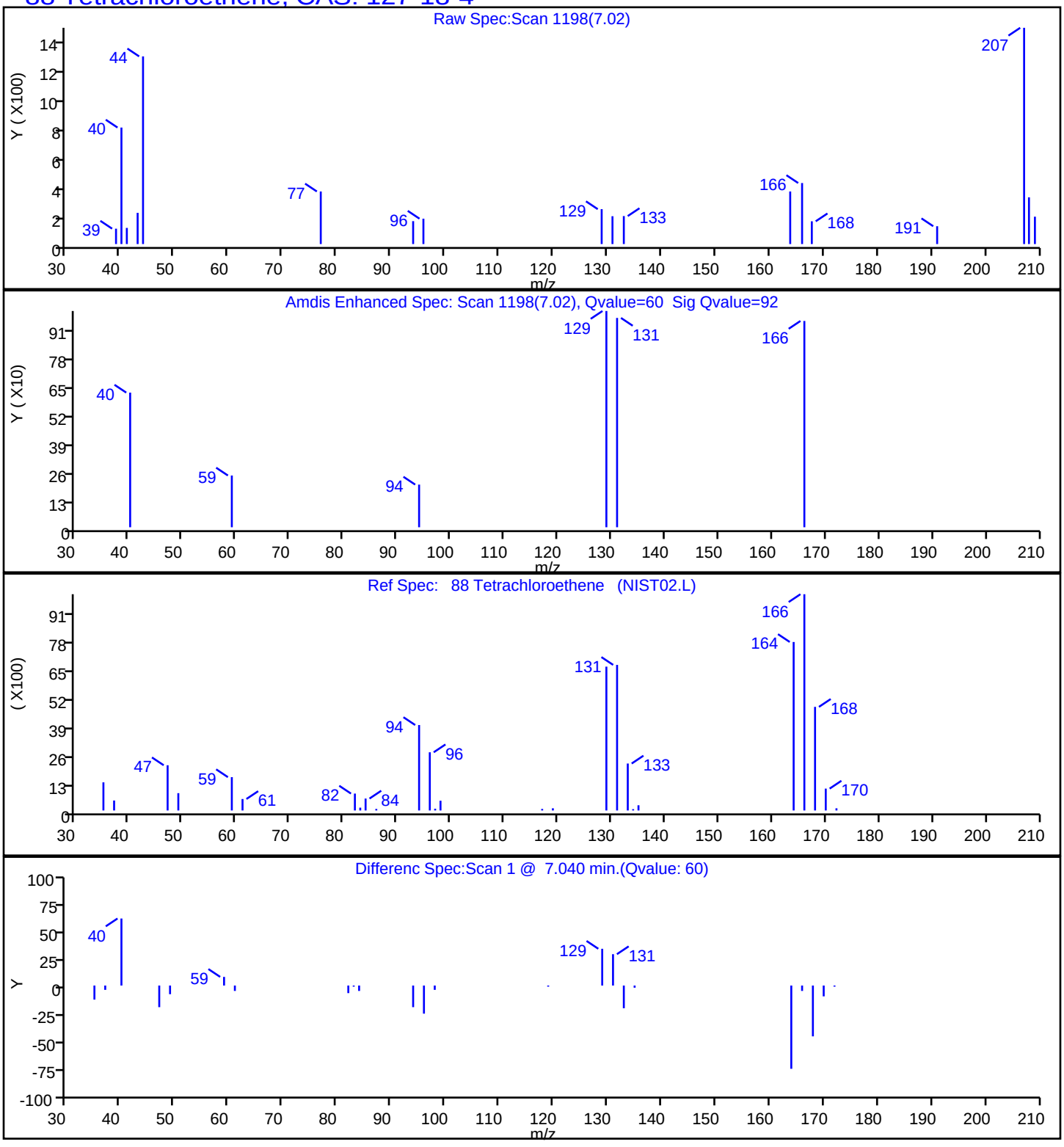
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18661.D				
Injection Date:	01-Sep-2020 11:43:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-1-A	Lab Sample ID:	460-217009-1		
Client ID:	SB-10_1-3_20200827				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



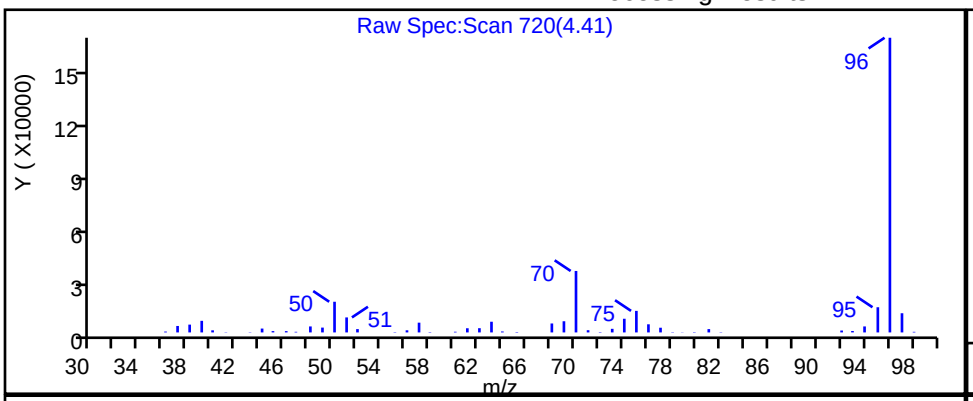
User Disabled Compound Report

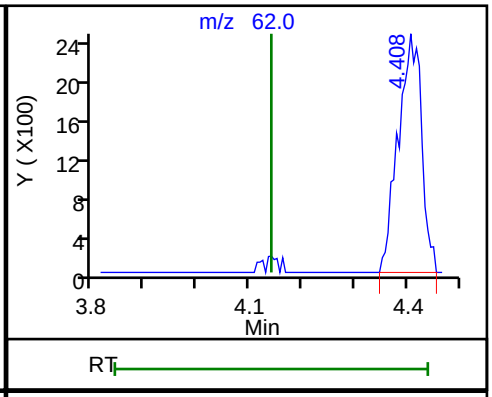
Eurofins TestAmerica, Edison

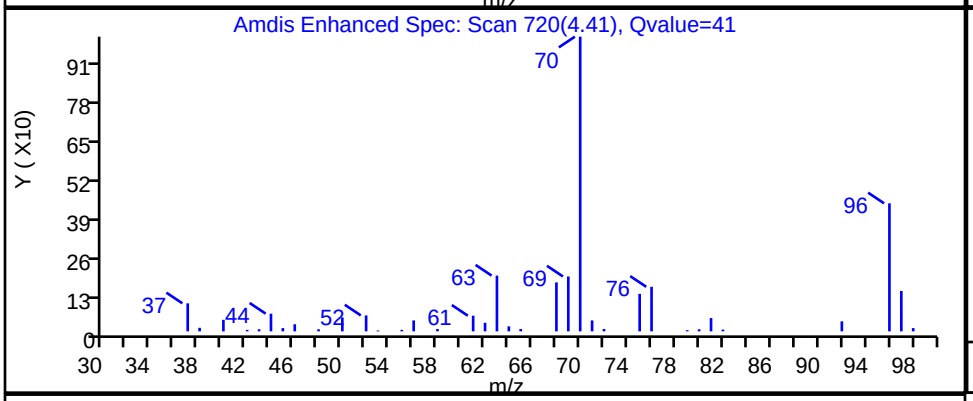
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18661.D				
Injection Date:	01-Sep-2020 11:43:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-1-A	Lab Sample ID:	460-217009-1		
Client ID:	SB-10_1-3_20200827				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

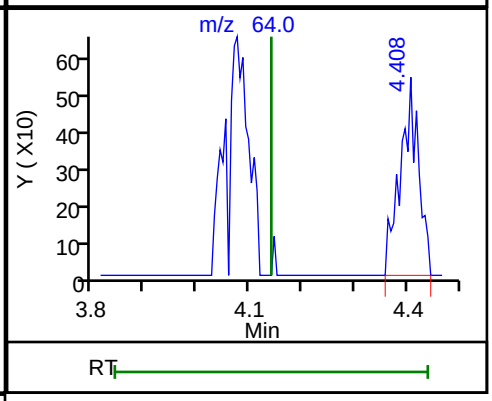
64 1,2-Dichloroethane, CAS: 107-06-2

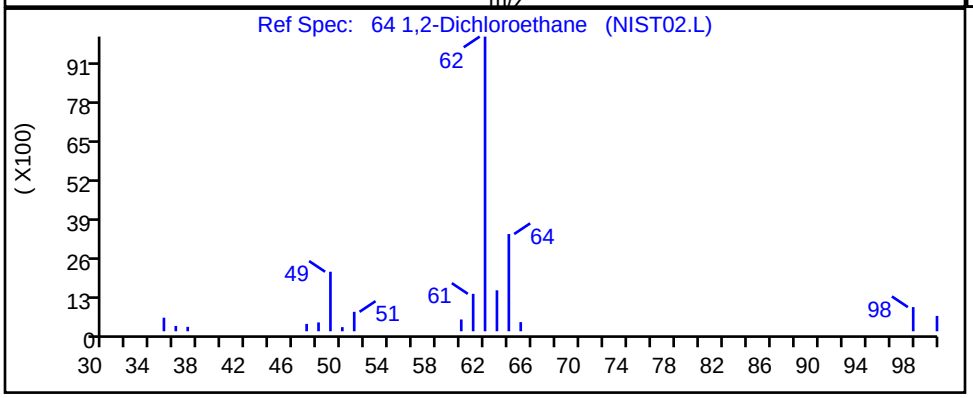
Processing Results











RT	Mass	Response	Amount
4.41	62.00	7508	1.558664
4.41	64.00	1310	

Reviewer: starzecm, 01-Sep-2020 12:11:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

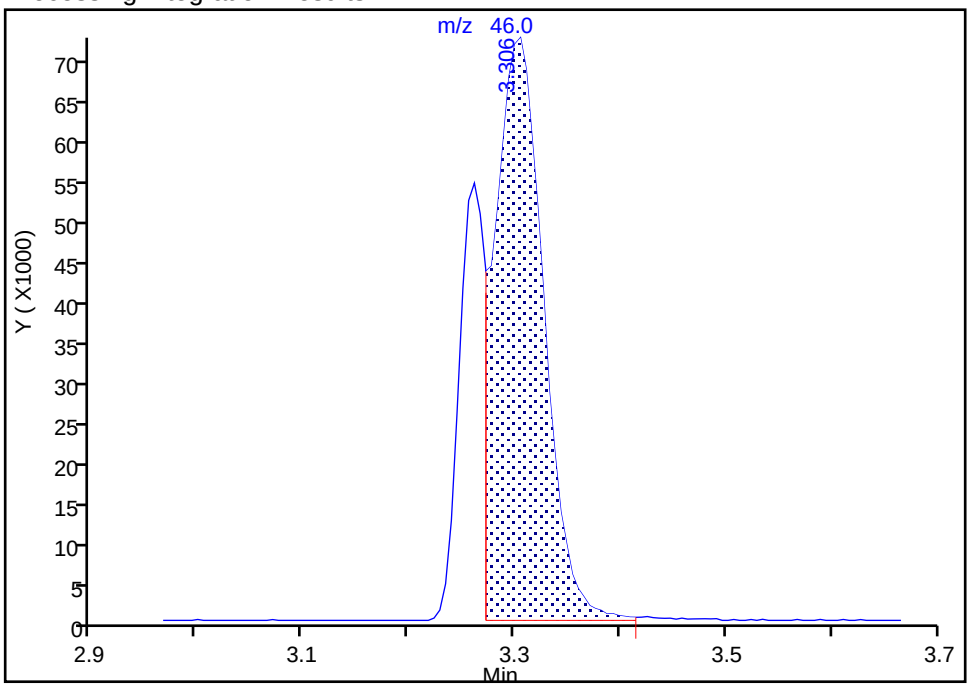
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18661.D		
Injection Date:	01-Sep-2020 11:43:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-1-A	Lab Sample ID:	460-217009-1
Client ID:	SB-10_1-3_20200827		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

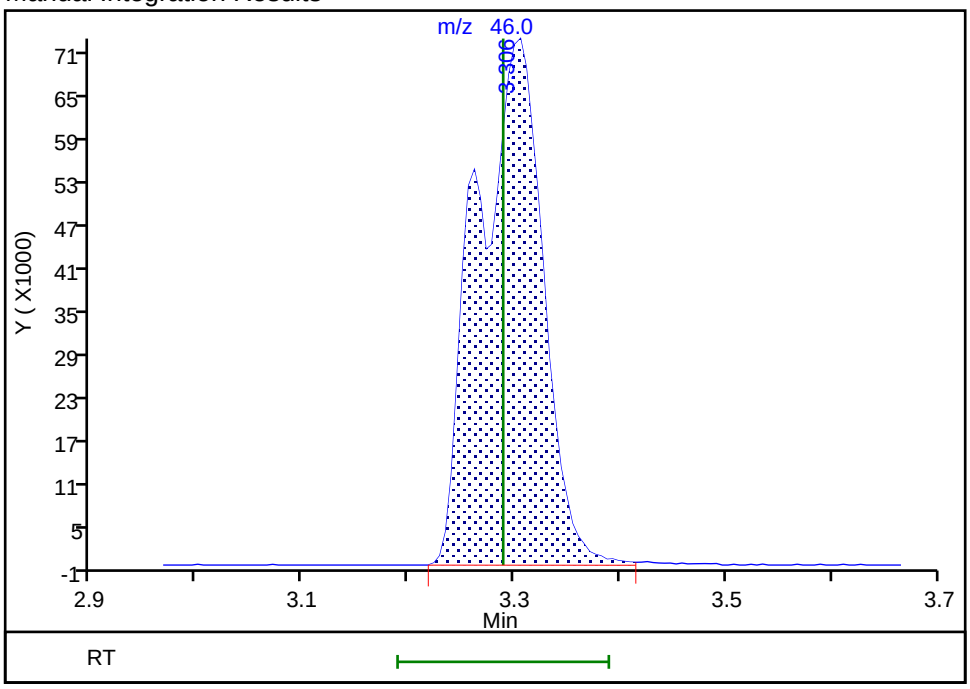
Processing Integration Results

RT: 3.31
Area: 237514
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 317556
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:46:24

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

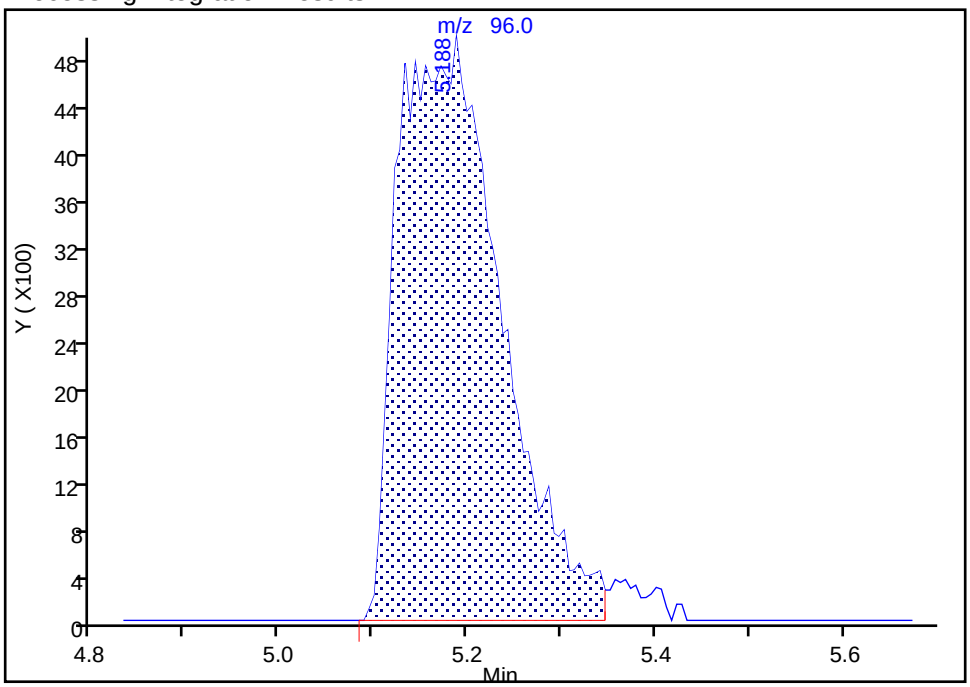
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18661.D		
Injection Date:	01-Sep-2020 11:43:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-1-A	Lab Sample ID:	460-217009-1
Client ID:	SB-10_1-3_20200827		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

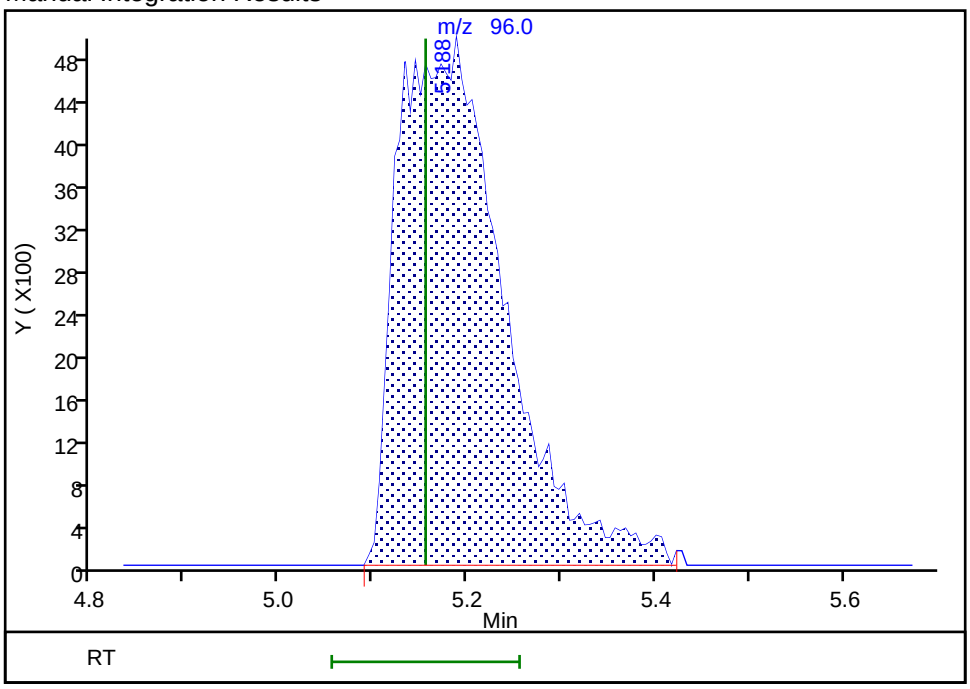
Processing Integration Results

RT: 5.19
Area: 38250
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 39327
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:46:36

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: K18634.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:40

Sample wt/vol: 4.53(g) Date Analyzed: 08/31/2020 08:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035
79-00-5	1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.00024	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.00026	U	0.0012	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.00042	U	0.0012	0.00042
96-12-8	1,2-Dibromo-3-Chloropropane	0.00054	U	0.0012	0.00054
95-50-1	1,2-Dichlorobenzene	0.00017	U	0.0012	0.00017
107-06-2	1,2-Dichloroethane	0.00035	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.00050	U	0.0012	0.00050
541-73-1	1,3-Dichlorobenzene	0.00019	U	0.0012	0.00019
106-46-7	1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026
78-93-3	2-Butanone (MEK)	0.0032	U	0.0059	0.0032
591-78-6	2-Hexanone	0.0020	U	0.0059	0.0020
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0059	0.0018
67-64-1	Acetone	0.0067	U	0.0071	0.0067
71-43-2	Benzene	0.00030	U	0.0012	0.00030
75-25-2	Bromoform	0.00050	U	0.0012	0.00050
74-83-9	Bromomethane	0.00056	U	0.0012	0.00056
75-15-0	Carbon disulfide	0.00031	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.00046	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.00021	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.00033	U	0.0012	0.00033
124-48-1	Chlorodibromomethane	0.00023	U	0.0012	0.00023
75-00-3	Chloroethane	0.00061	U	0.0012	0.00061
67-66-3	Chloroform	0.00038	U	0.0012	0.00038
74-87-3	Chloromethane	0.00051	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00018	U	0.0012	0.00018
10061-01-5	cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032
110-82-7	Cyclohexane	0.00026	U	0.0012	0.00026
75-27-4	Dichlorobromomethane	0.00030	U	0.0012	0.00030
75-71-8	Dichlorodifluoromethane	0.00040	U	0.0012	0.00040
100-41-4	Ethylbenzene	0.00023	U	0.0012	0.00023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: K18634.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:40

Sample wt/vol: 4.53(g) Date Analyzed: 08/31/2020 08:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00021	U	0.0012	0.00021
98-82-8	Isopropylbenzene	0.00015	U	0.0012	0.00015
79-20-9	Methyl acetate	0.0051	U	0.0059	0.0051
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00059	U	0.0012	0.00059
75-09-2	Methylene Chloride	0.00055	U	0.0012	0.00055
179601-23-1	m-Xylene & p-Xylene	0.00020	U	0.0012	0.00020
95-47-6	o-Xylene	0.00023	U	0.0012	0.00023
100-42-5	Styrene	0.00033	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.00017	U	0.0012	0.00017
108-88-3	Toluene	0.00028	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031
79-01-6	Trichloroethene	0.00017	U	0.0012	0.00017
75-69-4	Trichlorofluoromethane	0.00048	U	0.0012	0.00048
75-01-4	Vinyl chloride	0.00064	U	0.0012	0.00064
1330-20-7	Xylenes, Total	0.00020	U	0.0024	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	112		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: K18634.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:40

Sample wt/vol: 4.53(g) Date Analyzed: 08/31/2020 08:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18634.D
Lims ID: 460-217009-C-2-A
Client ID: SB-10_17-19_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 08:04:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-C-2-A
Misc. Info.: 460-0116031-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:53:45 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:53:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.400	2.400	0.000	95	492313	1000.0	
* 42 2-Butanone-d5	46	3.289	3.284	0.005	95	326506	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.747	0.006	97	192646	56.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.058	0.006	0	203238	57.5	
* 66 Fluorobenzene	96	4.402	4.397	0.005	98	503697	50.0	
* 73 1,4-Dioxane-d8	96	5.133	5.133	0.000	100	39505	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	552113	49.6	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	352594	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	176482	53.0	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	97	209389	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

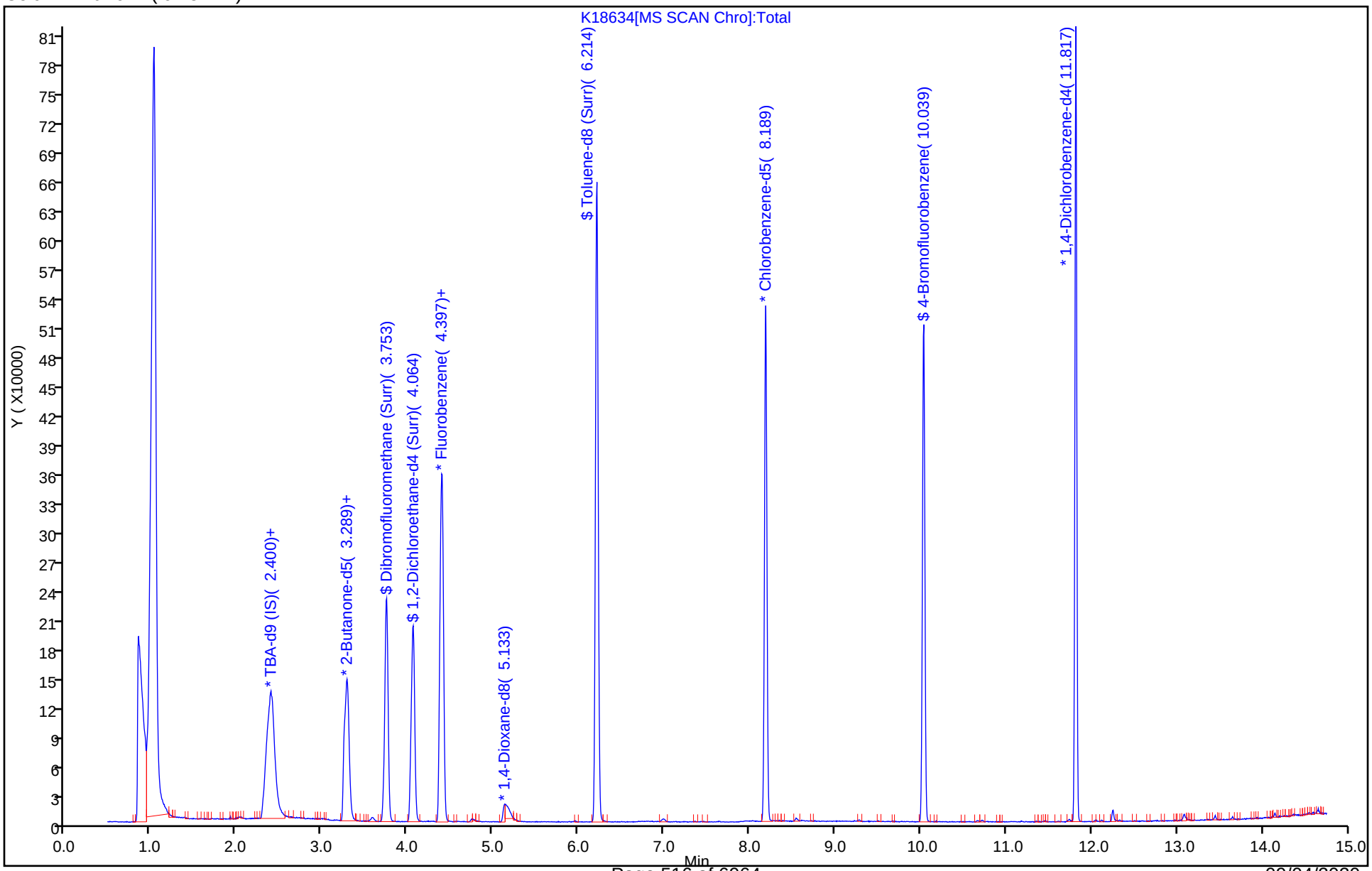
Report Date: 31-Aug-2020 16:53:46 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18634.D

Injection Date:	31-Aug-2020 08:04:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-C-2-A	Lab Sample ID:	460-217009-2	Worklist Smp#:	10
Client ID:	SB-10_17-19_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



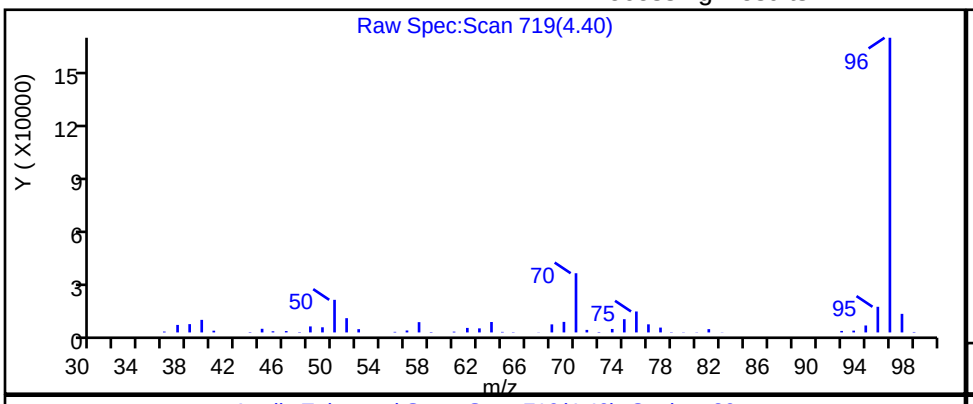
User Disabled Compound Report

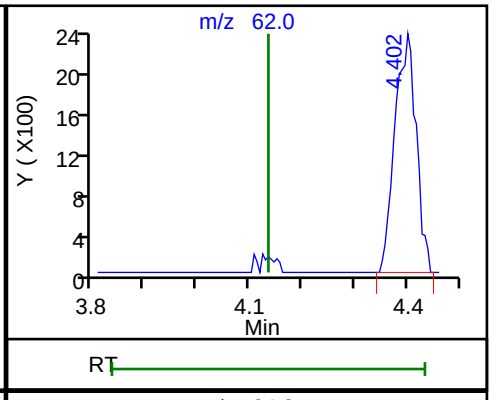
Eurofins TestAmerica, Edison

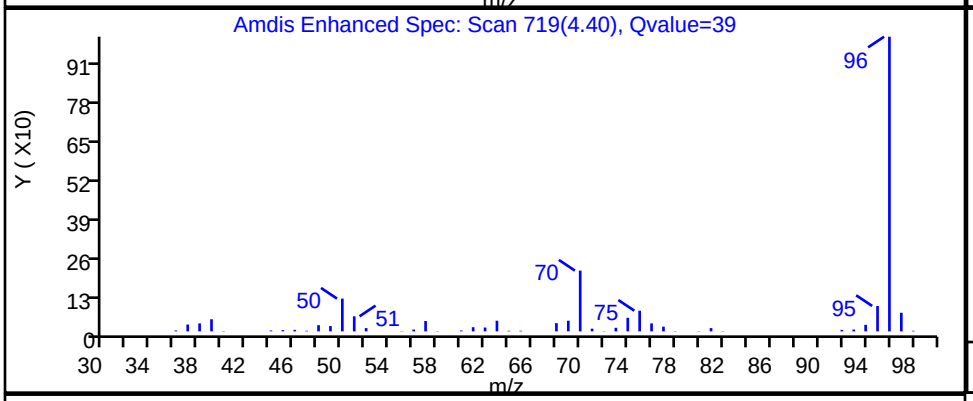
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18634.D				
Injection Date:	31-Aug-2020 08:04:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-C-2-A	Lab Sample ID:	460-217009-2		
Client ID:	SB-10_17-19_20200827				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

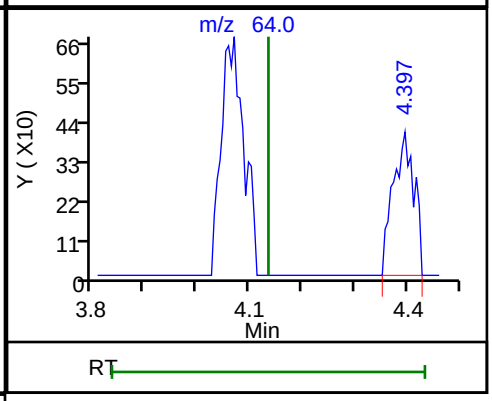
64 1,2-Dichloroethane, CAS: 107-06-2

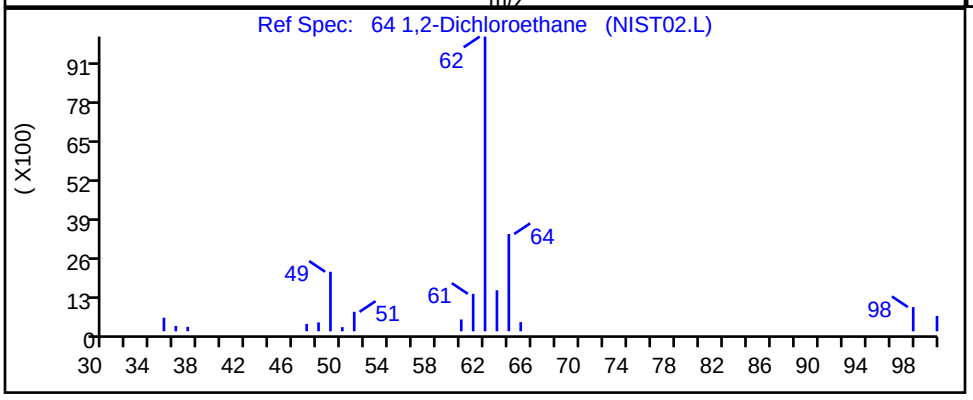
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6610	1.477515
4.40	64.00	1131	

Reviewer: delpolitov, 31-Aug-2020 16:53:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

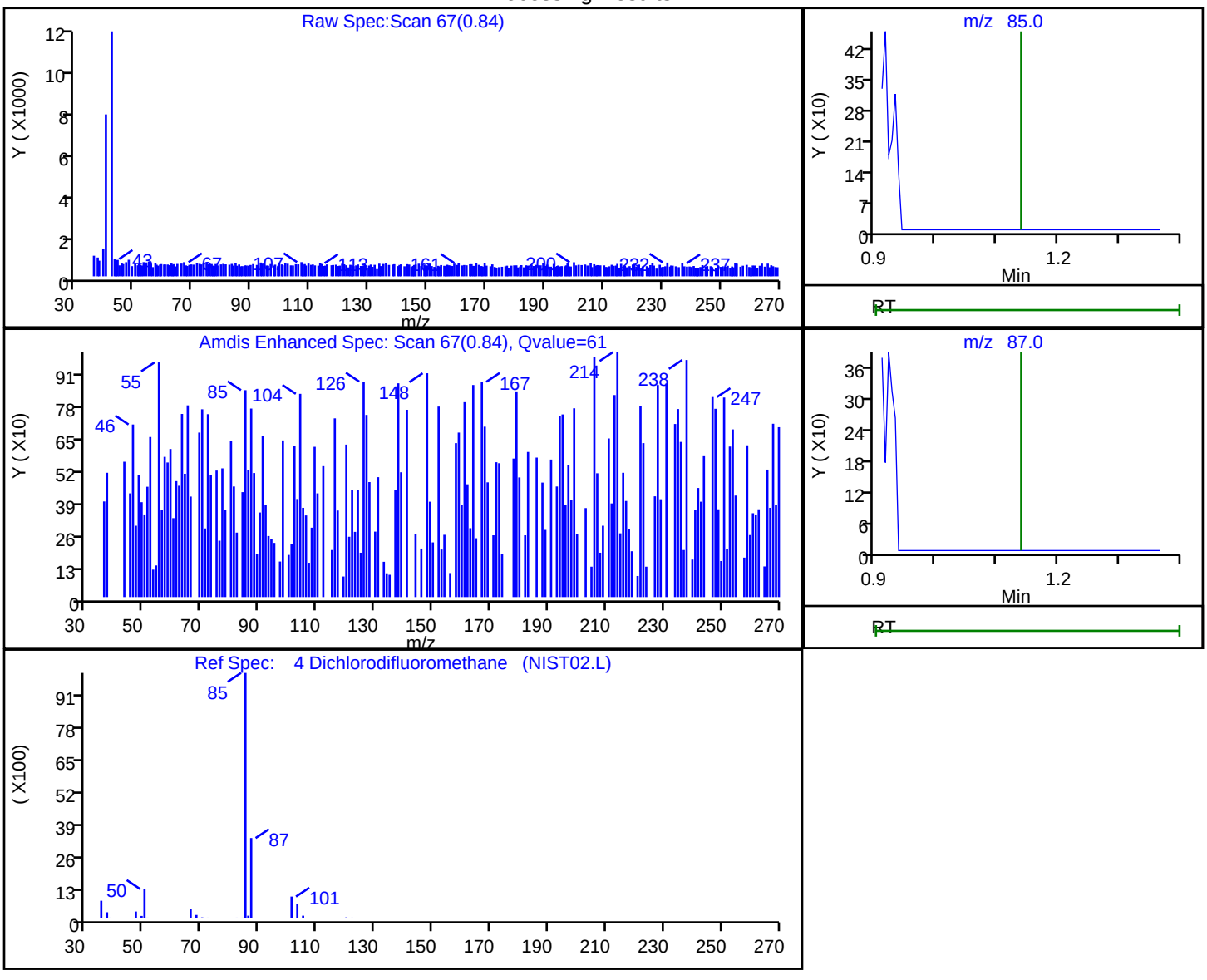
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18634.D		
Injection Date:	31-Aug-2020 08:04:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-C-2-A	Lab Sample ID:	460-217009-2
Client ID:	SB-10_17-19_20200827		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.84	85.00	2514	0.493202
0.85	87.00	1507	

Reviewer: delpolitov, 31-Aug-2020 16:53:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: E16598.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:30

Sample wt/vol: 5.87(g) Date Analyzed: 08/30/2020 16:35

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: 11.0 Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.029	U	0.10	0.029
79-34-5	1,1,2,2-Tetrachloroethane	0.019	U	0.10	0.019
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.035	U	0.10	0.035
79-00-5	1,1,2-Trichloroethane	0.0082	U	0.10	0.0082
75-34-3	1,1-Dichloroethane	0.024	U	0.10	0.024
75-35-4	1,1-Dichloroethene	0.027	U	0.10	0.027
87-61-6	1,2,3-Trichlorobenzene	0.036	U	0.10	0.036
120-82-1	1,2,4-Trichlorobenzene	0.028	U	0.10	0.028
96-12-8	1,2-Dibromo-3-Chloropropane	0.023	U	0.10	0.023
95-50-1	1,2-Dichlorobenzene	0.022	U	0.10	0.022
107-06-2	1,2-Dichloroethane	0.025	U	0.10	0.025
78-87-5	1,2-Dichloropropane	0.018	U	0.10	0.018
541-73-1	1,3-Dichlorobenzene	0.034	U	0.10	0.034
106-46-7	1,4-Dichlorobenzene	0.034	U	0.10	0.034
78-93-3	2-Butanone (MEK)	0.22	U	0.51	0.22
591-78-6	2-Hexanone	0.12	U	0.51	0.12
108-10-1	4-Methyl-2-pentanone (MIBK)	0.13	U	0.51	0.13
67-64-1	Acetone	0.45	U	0.51	0.45
71-43-2	Benzene	0.021	U	0.10	0.021
75-25-2	Bromoform	0.018	U	0.10	0.018
74-83-9	Bromomethane	0.056	U	0.10	0.056
75-15-0	Carbon disulfide	0.069	U	0.10	0.069
56-23-5	Carbon tetrachloride	0.040	J	0.10	0.034
108-90-7	Chlorobenzene	0.024	U	0.10	0.024
74-97-5	Chlorobromomethane	0.031	U	0.10	0.031
124-48-1	Chlorodibromomethane	0.022	U	0.10	0.022
75-00-3	Chloroethane	0.038	U *	0.10	0.038
67-66-3	Chloroform	0.022	U	0.10	0.022
74-87-3	Chloromethane	0.041	U	0.10	0.041
156-59-2	cis-1,2-Dichloroethene	0.027	U	0.10	0.027
10061-01-5	cis-1,3-Dichloropropene	0.023	U	0.10	0.023
110-82-7	Cyclohexane	0.027	U	0.10	0.027
75-27-4	Dichlorobromomethane	0.015	U	0.10	0.015
75-71-8	Dichlorodifluoromethane	0.032	U	0.10	0.032
100-41-4	Ethylbenzene	0.031	U	0.10	0.031

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: E16598.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:30

Sample wt/vol: 5.87(g) Date Analyzed: 08/30/2020 16:35

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: 11.0 Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.019	U	0.10	0.019
98-82-8	Isopropylbenzene	0.033	U	0.10	0.033
79-20-9	Methyl acetate	0.080	U	0.51	0.080
1634-04-4	Methyl tert-butyl ether	0.013	U	0.10	0.013
108-87-2	Methylcyclohexane	0.022	U	0.10	0.022
75-09-2	Methylene Chloride	0.021	U	0.10	0.021
179601-23-1	m-Xylene & p-Xylene	0.029	U	0.10	0.029
95-47-6	o-Xylene	0.033	U	0.10	0.033
100-42-5	Styrene	0.017	U	0.10	0.017
127-18-4	Tetrachloroethene	14		0.10	0.037
108-88-3	Toluene	0.025	U	0.10	0.025
156-60-5	trans-1,2-Dichloroethene	0.018	U	0.10	0.018
10061-02-6	trans-1,3-Dichloropropene	0.019	U	0.10	0.019
79-01-6	Trichloroethene	0.43		0.10	0.022
75-69-4	Trichlorofluoromethane	0.033	U	0.10	0.033
75-01-4	Vinyl chloride	0.020	U	0.10	0.020
1330-20-7	Xylenes, Total	0.029	U	0.20	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-150
460-00-4	4-Bromofluorobenzene	111		62-150
1868-53-7	Dibromofluoromethane (Surr)	104		54-150
2037-26-5	Toluene-d8 (Surr)	111		68-148

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: E16598.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:30

Sample wt/vol: 5.87(g) Date Analyzed: 08/30/2020 16:35

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: 11.0 Level: (low/med) Medium

Analysis Batch No.: 720646 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16598.D
Lims ID: 460-217009-B-3-A
Client ID: SB-18_3-5_20200827
Sample Type: Client
Inject. Date: 30-Aug-2020 16:35:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-217009-B-3-A
Misc. Info.: 460-0116012-015
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:44:43 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 15:45:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.958	1.925	0.033	99	267251	1000.0	
47 Carbon tetrachloride	117	2.830	2.830	0.000	79	1679	0.3907	
$ 51 Dibromofluoromethane (Surr)	113	2.871	2.871	0.000	95	168460	49.1	
* 53 2-Butanone-d5	46	2.953	2.945	0.008	100	236479	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	211007	52.0	
* 66 Fluorobenzene	96	3.497	3.505	-0.008	99	606509	50.0	
69 Trichloroethene	95	3.645	3.645	0.000	95	16220	4.24	
* 76 1,4-Dioxane-d8	96	4.418	4.377	0.041	97	30250	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	628231	51.9	
86 Tetrachloroethene	166	5.488	5.488	0.000	96	351011	141.9	
* 96 Chlorobenzene-d5	117	6.871	6.871	0.000	86	486349	50.0	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	88	160451	52.2	
* 123 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	96	176227	50.0	

Reagents:

8260ISNEW_00140 Amount Added: 1.00 Units: uL Run Reagent

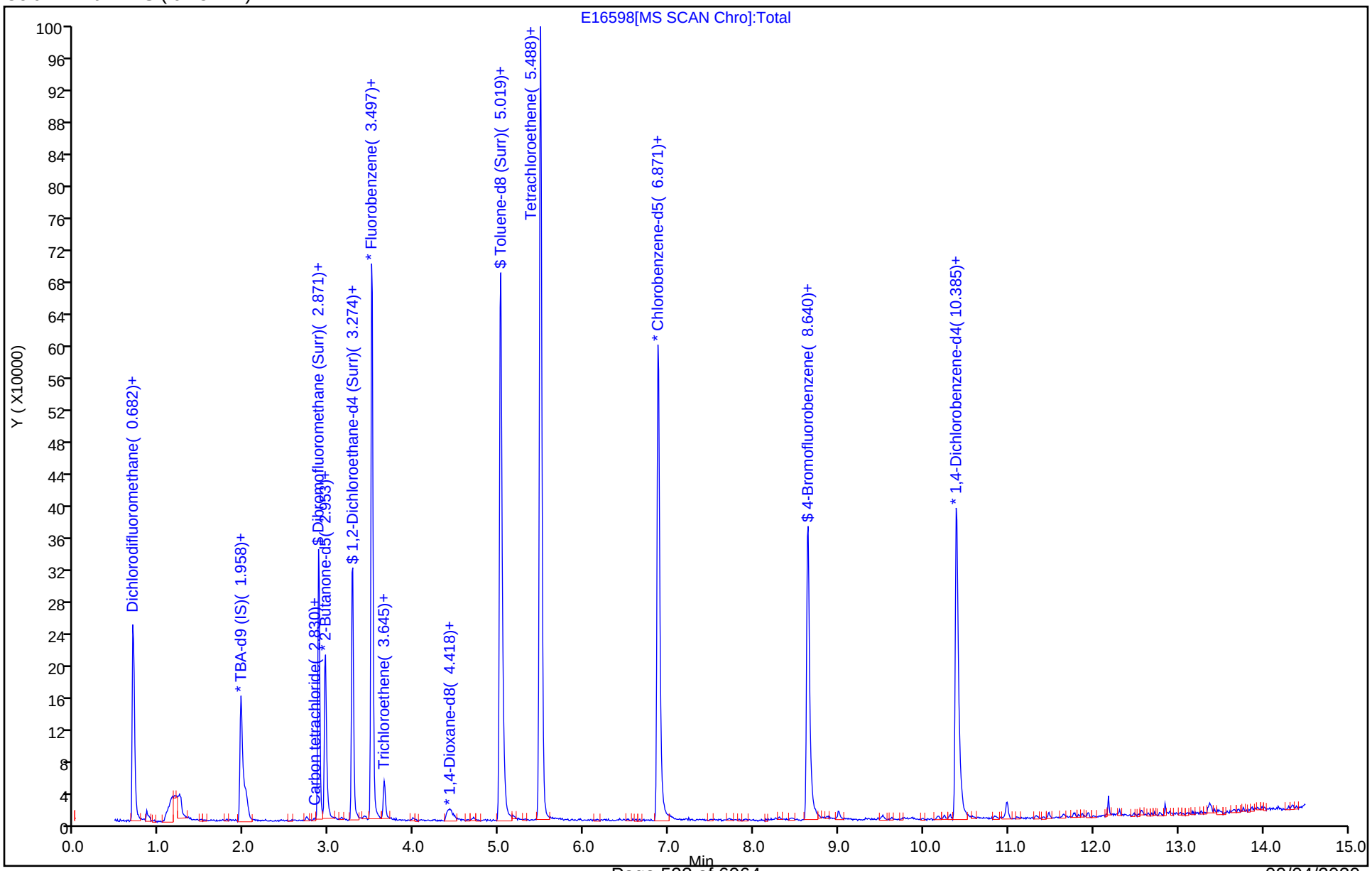
Report Date: 02-Sep-2020 15:45:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16598.D

Injection Date:	30-Aug-2020 16:35:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-217009-B-3-A	Lab Sample ID:	460-217009-3	Worklist Smp#:	15
Client ID:	SB-18_3-5_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	14
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

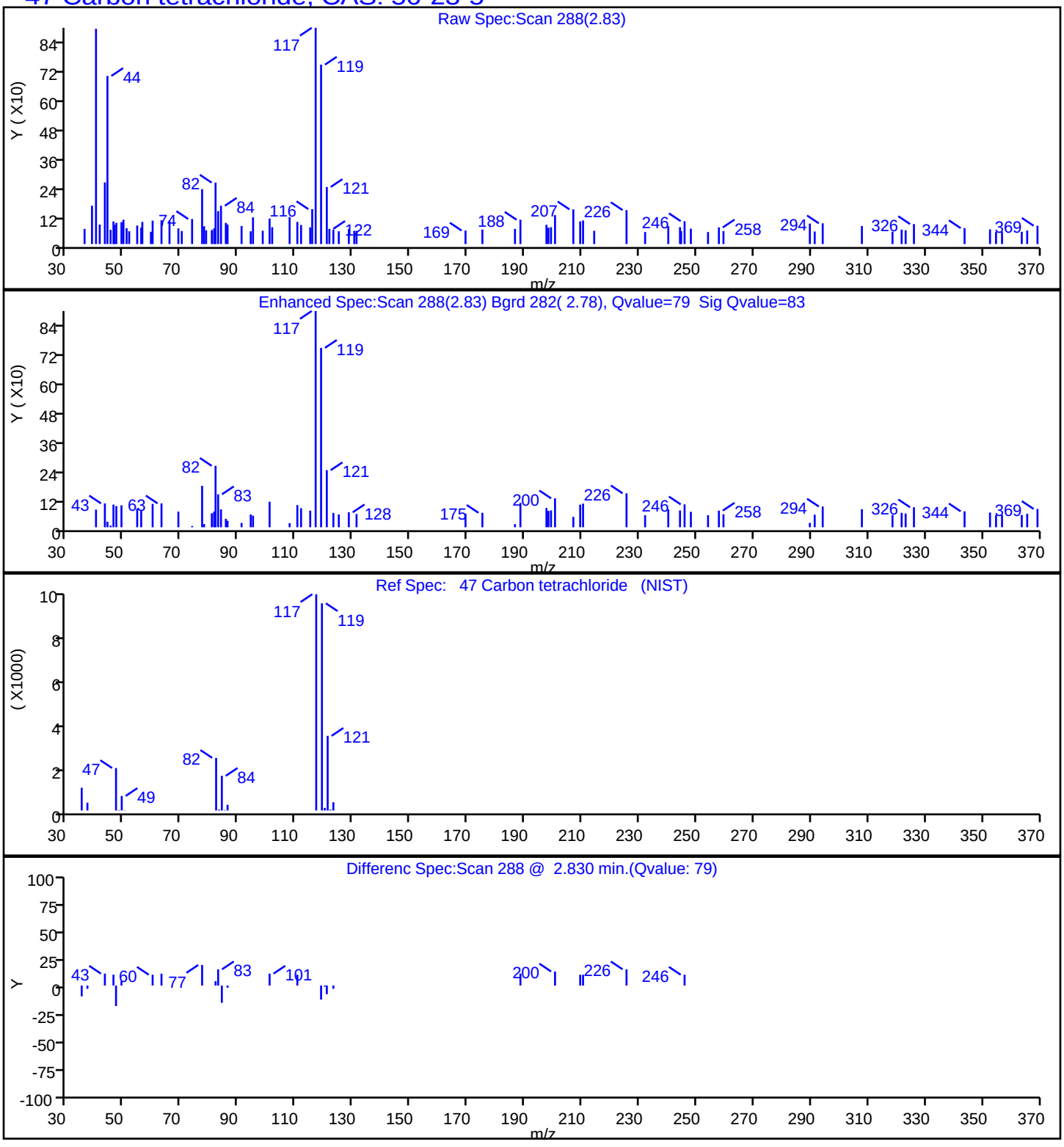
Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16598.D				
Injection Date:	30-Aug-2020 16:35:30	Instrument ID:	CVOAMS5		
Lims ID:	460-217009-B-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

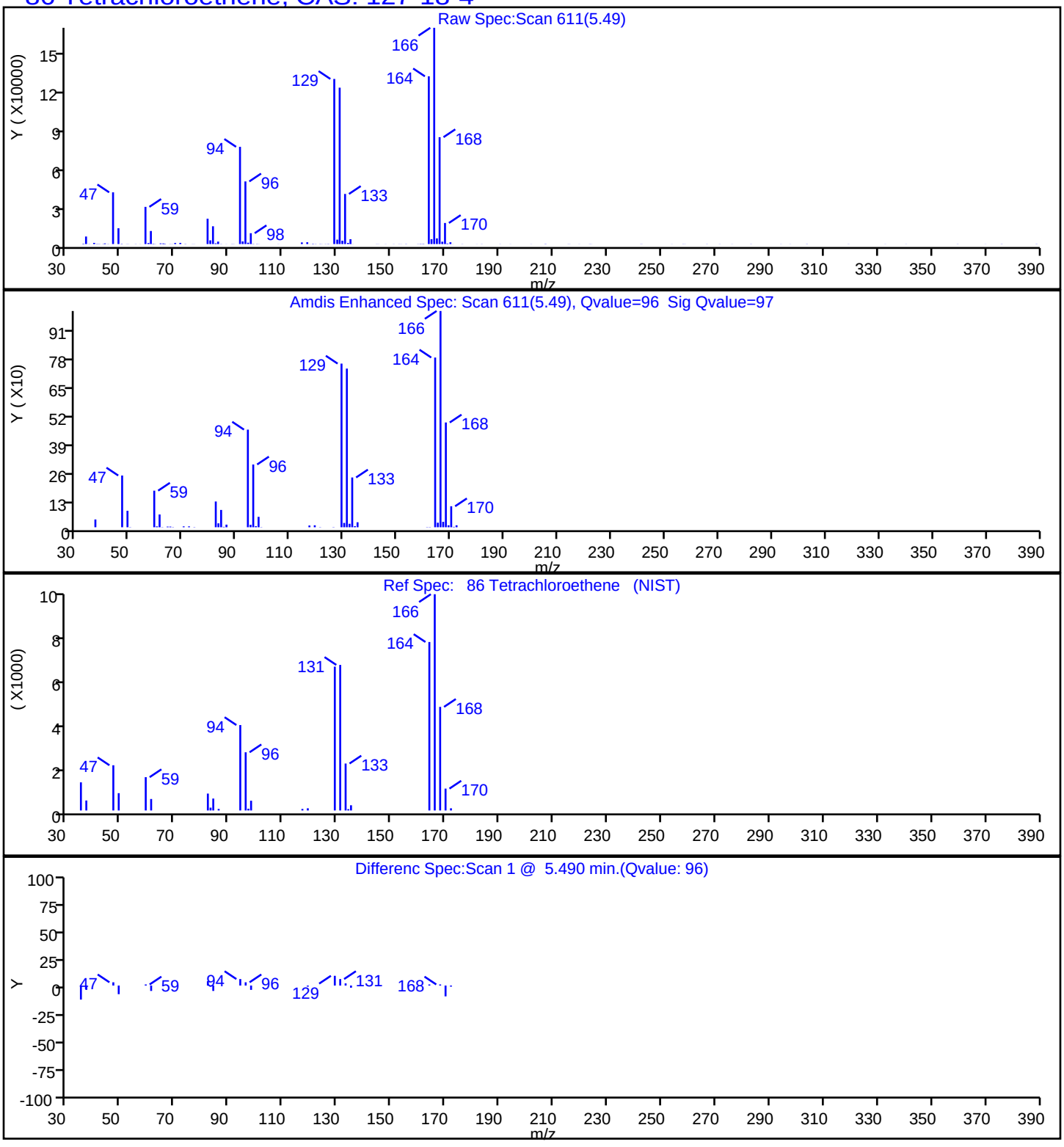
47 Carbon tetrachloride, CAS: 56-23-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16598.D		
Injection Date:	30-Aug-2020 16:35:30	Instrument ID:	CVOAMS5
Lims ID:	460-217009-B-3-A	Lab Sample ID:	460-217009-3
Client ID:	SB-18_3-5_20200827		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

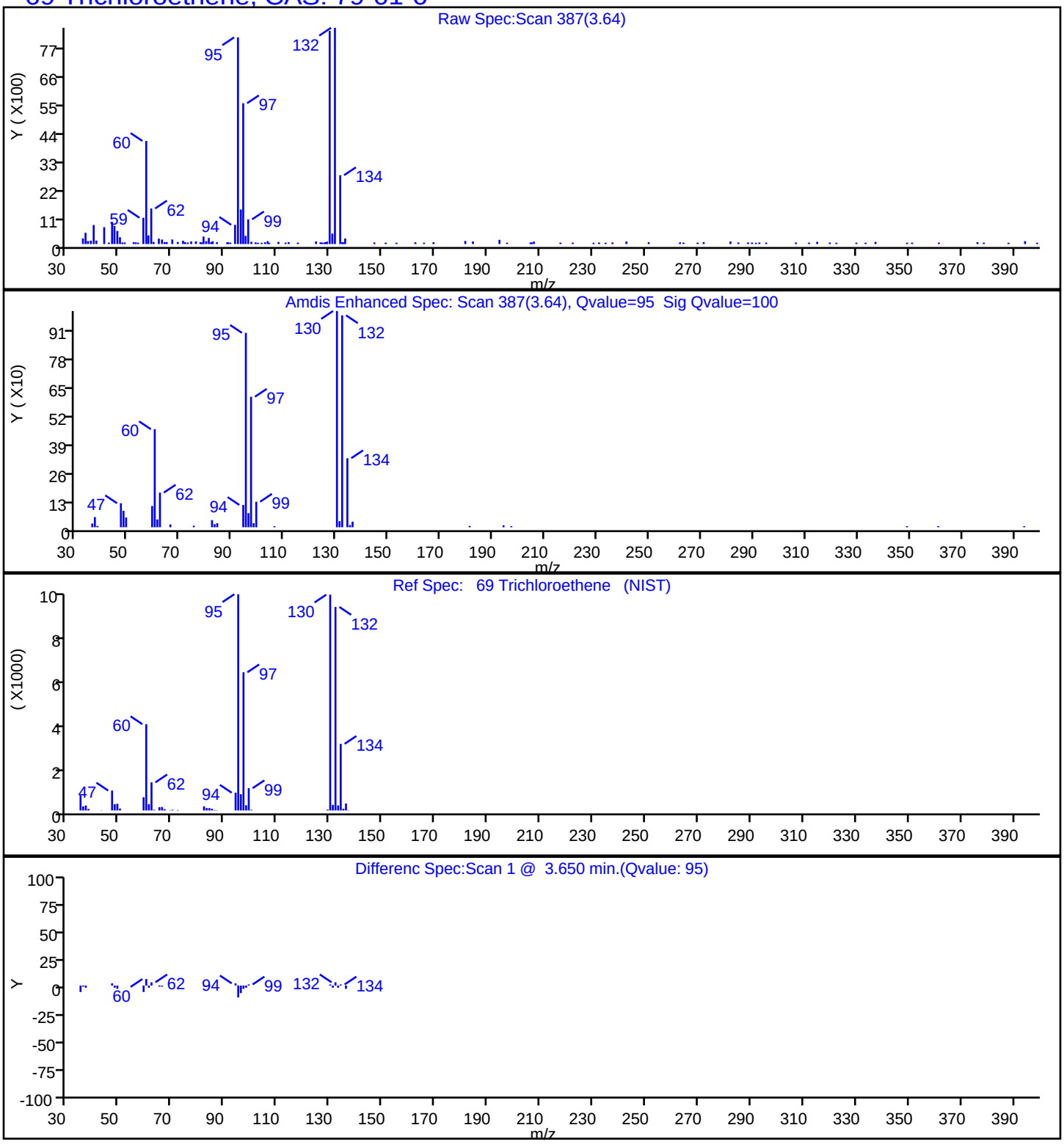
86 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16598.D		
Injection Date:	30-Aug-2020 16:35:30	Instrument ID:	CVOAMS5
Lims ID:	460-217009-B-3-A	Lab Sample ID:	460-217009-3
Client ID:	SB-18_3-5_20200827		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



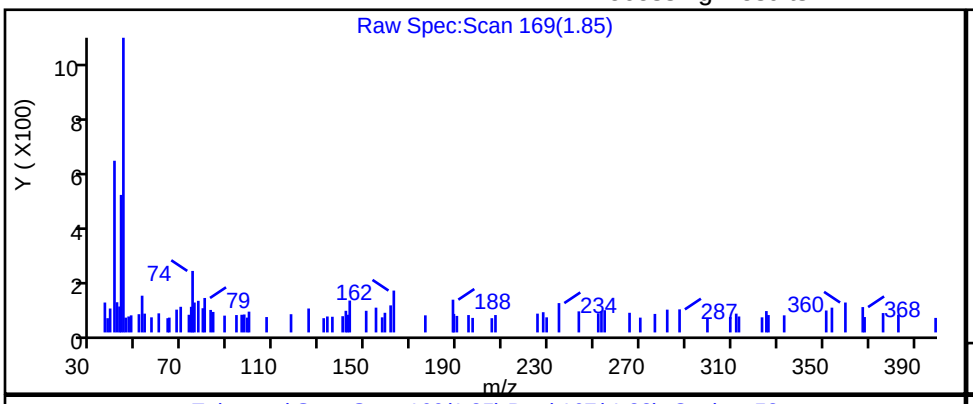
User Disabled Compound Report

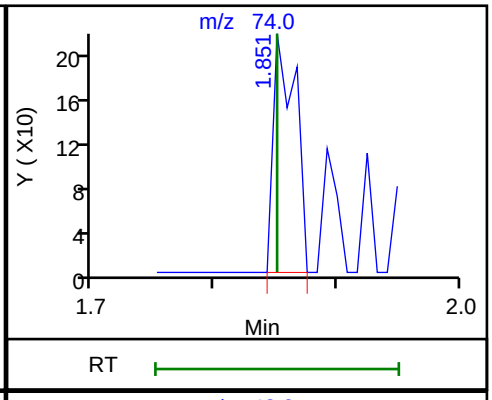
Eurofins TestAmerica, Edison

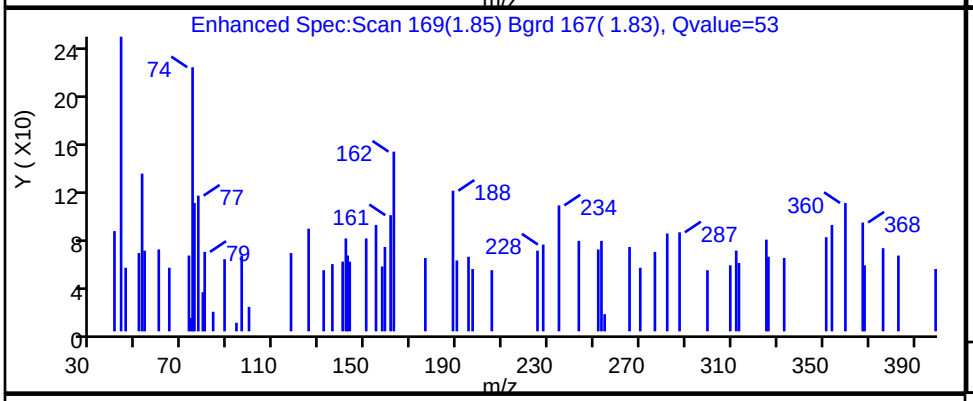
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16598.D		
Injection Date:	30-Aug-2020 16:35:30	Instrument ID:	CVOAMS5
Lims ID:	460-217009-B-3-A	Lab Sample ID:	460-217009-3
Client ID:	SB-18_3-5_20200827		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

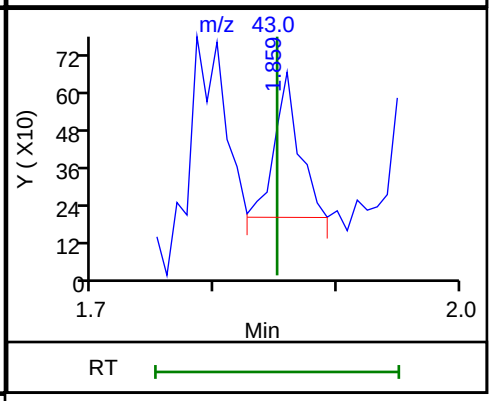
30 Methyl acetate, CAS: 79-20-9

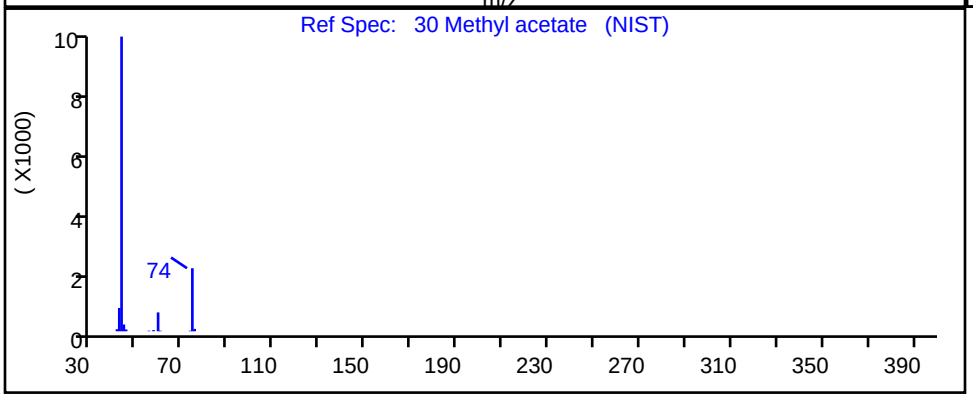
Processing Results











RT	Mass	Response	Amount
1.85	74.00	272	0.487034
1.86	43.00	663	

Reviewer: tupayachia, 31-Aug-2020 09:19:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: K18635.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:35

Sample wt/vol: 4.38(g) Date Analyzed: 08/31/2020 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00028	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U	0.0012	0.00036
79-00-5	1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.00024	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.00027	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.00043	U	0.0012	0.00043
96-12-8	1,2-Dibromo-3-Chloropropane	0.00055	U	0.0012	0.00055
95-50-1	1,2-Dichlorobenzene	0.00017	U	0.0012	0.00017
107-06-2	1,2-Dichloroethane	0.00035	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.00050	U	0.0012	0.00050
541-73-1	1,3-Dichlorobenzene	0.00019	U	0.0012	0.00019
106-46-7	1,4-Dichlorobenzene	0.00027	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0032	U	0.0059	0.0032
591-78-6	2-Hexanone	0.0020	U	0.0059	0.0020
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0059	0.0018
67-64-1	Acetone	0.0068	U	0.0071	0.0068
71-43-2	Benzene	0.00031	U	0.0012	0.00031
75-25-2	Bromoform	0.00050	U	0.0012	0.00050
74-83-9	Bromomethane	0.00056	U	0.0012	0.00056
75-15-0	Carbon disulfide	0.00032	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.00046	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.00021	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.00033	U	0.0012	0.00033
124-48-1	Chlorodibromomethane	0.00023	U	0.0012	0.00023
75-00-3	Chloroethane	0.00062	U	0.0012	0.00062
67-66-3	Chloroform	0.00038	U	0.0012	0.00038
74-87-3	Chloromethane	0.00052	U	0.0012	0.00052
156-59-2	cis-1,2-Dichloroethene	0.00018	U	0.0012	0.00018
10061-01-5	cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032
110-82-7	Cyclohexane	0.00026	U	0.0012	0.00026
75-27-4	Dichlorobromomethane	0.00031	U	0.0012	0.00031
75-71-8	Dichlorodifluoromethane	0.00040	U	0.0012	0.00040
100-41-4	Ethylbenzene	0.00024	U	0.0012	0.00024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: K18635.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:35

Sample wt/vol: 4.38(g) Date Analyzed: 08/31/2020 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00021	U	0.0012	0.00021
98-82-8	Isopropylbenzene	0.00015	U	0.0012	0.00015
79-20-9	Methyl acetate	0.0051	U	0.0059	0.0051
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00059	U	0.0012	0.00059
75-09-2	Methylene Chloride	0.00055	U	0.0012	0.00055
179601-23-1	m-Xylene & p-Xylene	0.00021	U	0.0012	0.00021
95-47-6	o-Xylene	0.00023	U	0.0012	0.00023
100-42-5	Styrene	0.00033	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.00017	U	0.0012	0.00017
108-88-3	Toluene	0.00028	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.00032	U	0.0012	0.00032
79-01-6	Trichloroethene	0.00017	U	0.0012	0.00017
75-69-4	Trichlorofluoromethane	0.00048	U	0.0012	0.00048
75-01-4	Vinyl chloride	0.00065	U	0.0012	0.00065
1330-20-7	Xylenes, Total	0.00021	U	0.0024	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-145
460-00-4	4-Bromofluorobenzene	102		79-125
1868-53-7	Dibromofluoromethane (Surr)	108		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: K18635.D

Analysis Method: 8260C Date Collected: 08/27/2020 09:35

Sample wt/vol: 4.38(g) Date Analyzed: 08/31/2020 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18635.D
Lims ID: 460-217009-C-4-A
Client ID: SB-18_16-18_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 08:28:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-C-4-A
Misc. Info.: 460-0116031-011
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:54:00 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:54:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.394	2.400	-0.006	95	489810	1000.0	
* 42 2-Butanone-d5	46	3.289	3.284	0.005	95	337162	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.747	0.006	96	188209	54.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.058	0.006	0	198983	55.4	
* 66 Fluorobenzene	96	4.402	4.397	0.005	98	512460	50.0	
* 73 1,4-Dioxane-d8	96	5.155	5.133	0.022	98	37263	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	546685	47.5	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	364716	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	175673	51.0	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	214933	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

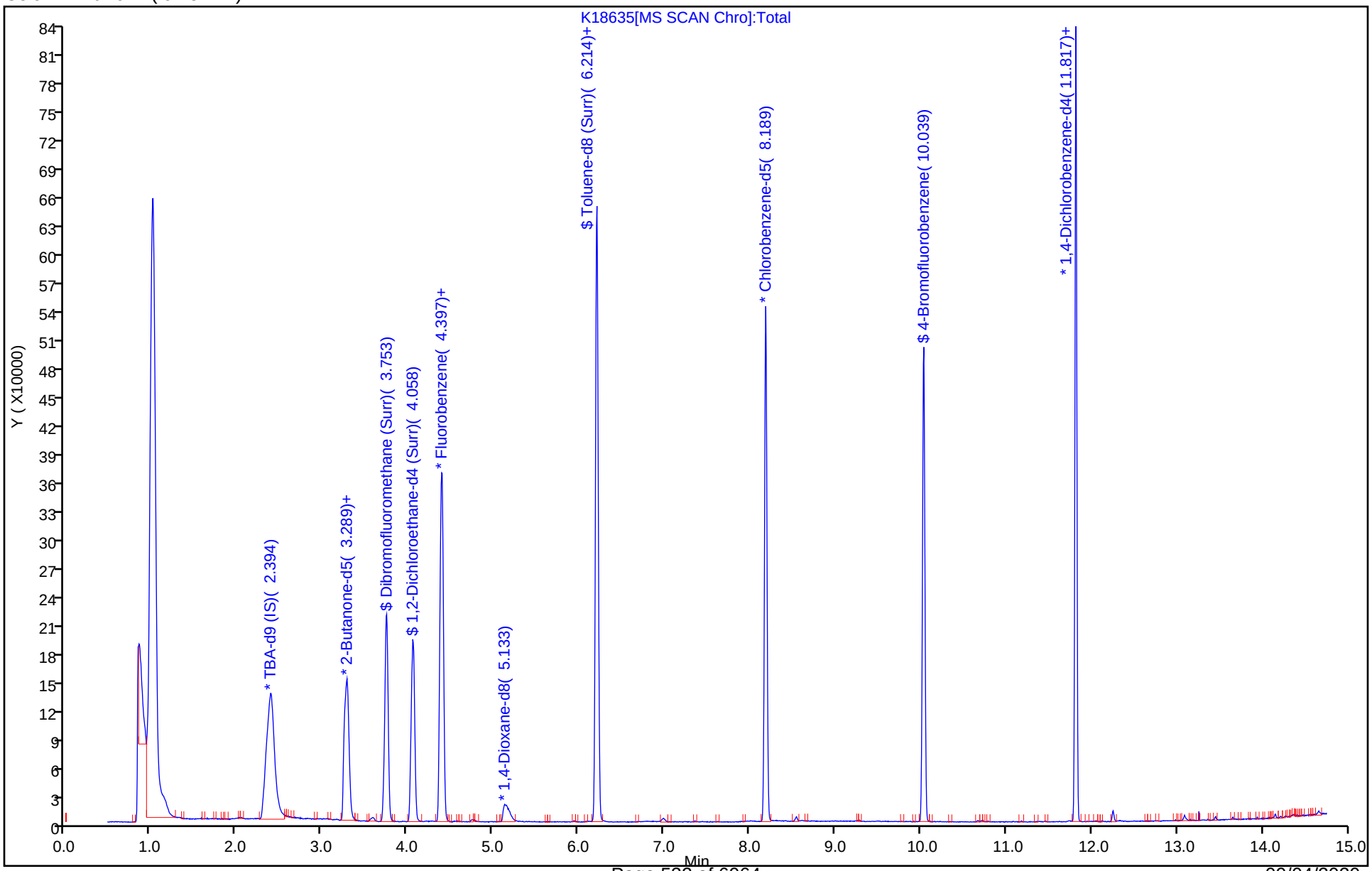
Report Date: 31-Aug-2020 16:54:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18635.D

Injection Date:	31-Aug-2020 08:28:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-C-4-A	Lab Sample ID:	460-217009-4	Worklist Smp#:	11
Client ID:	SB-18_16-18_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



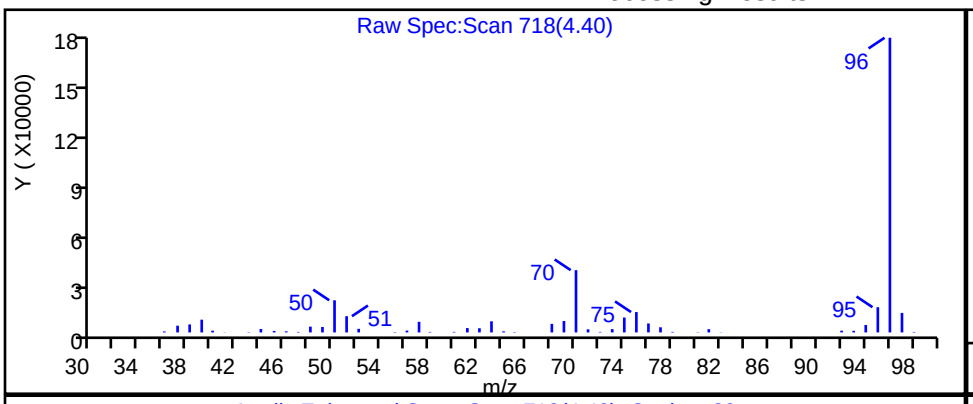
User Disabled Compound Report

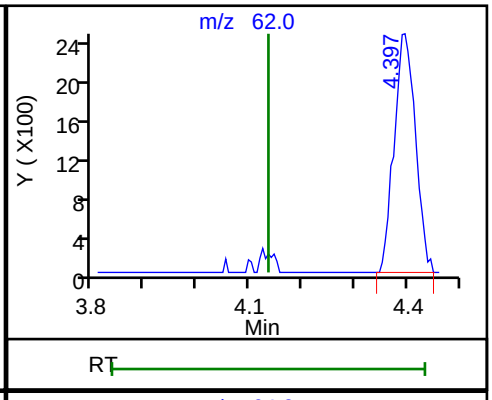
Eurofins TestAmerica, Edison

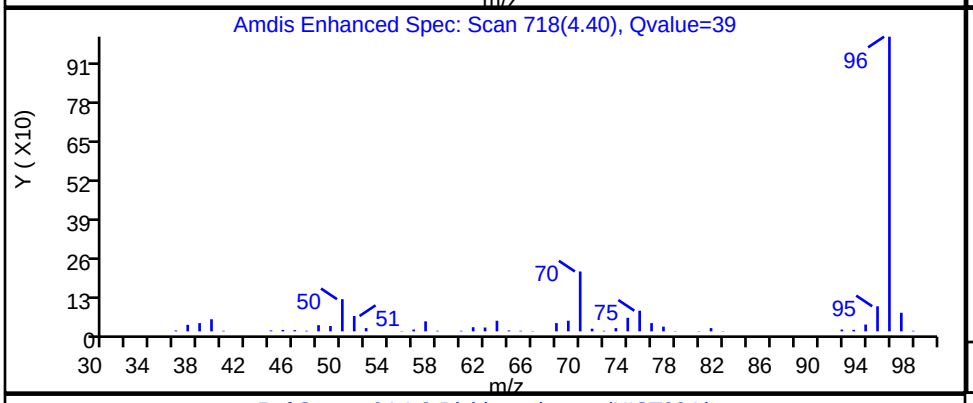
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18635.D		
Injection Date:	31-Aug-2020 08:28:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-C-4-A	Lab Sample ID:	460-217009-4
Client ID:	SB-18_16-18_20200827		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

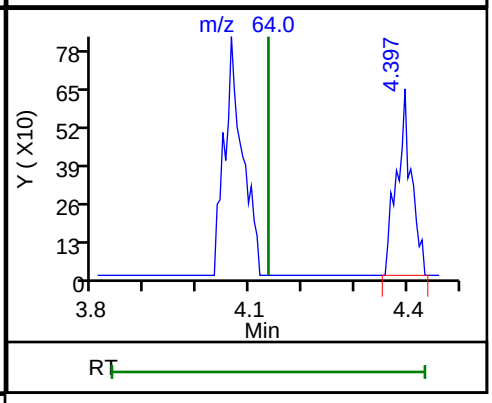
64 1,2-Dichloroethane, CAS: 107-06-2

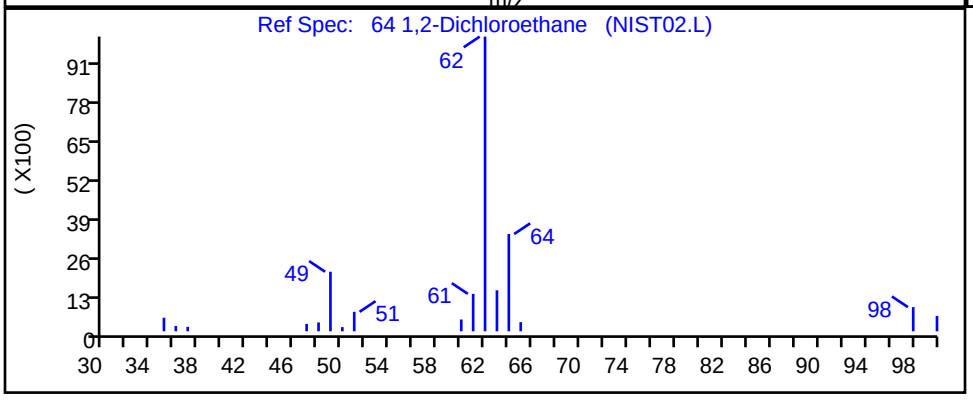
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6974	1.532222
4.40	64.00	1260	

Reviewer: delpolitov, 31-Aug-2020 16:53:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

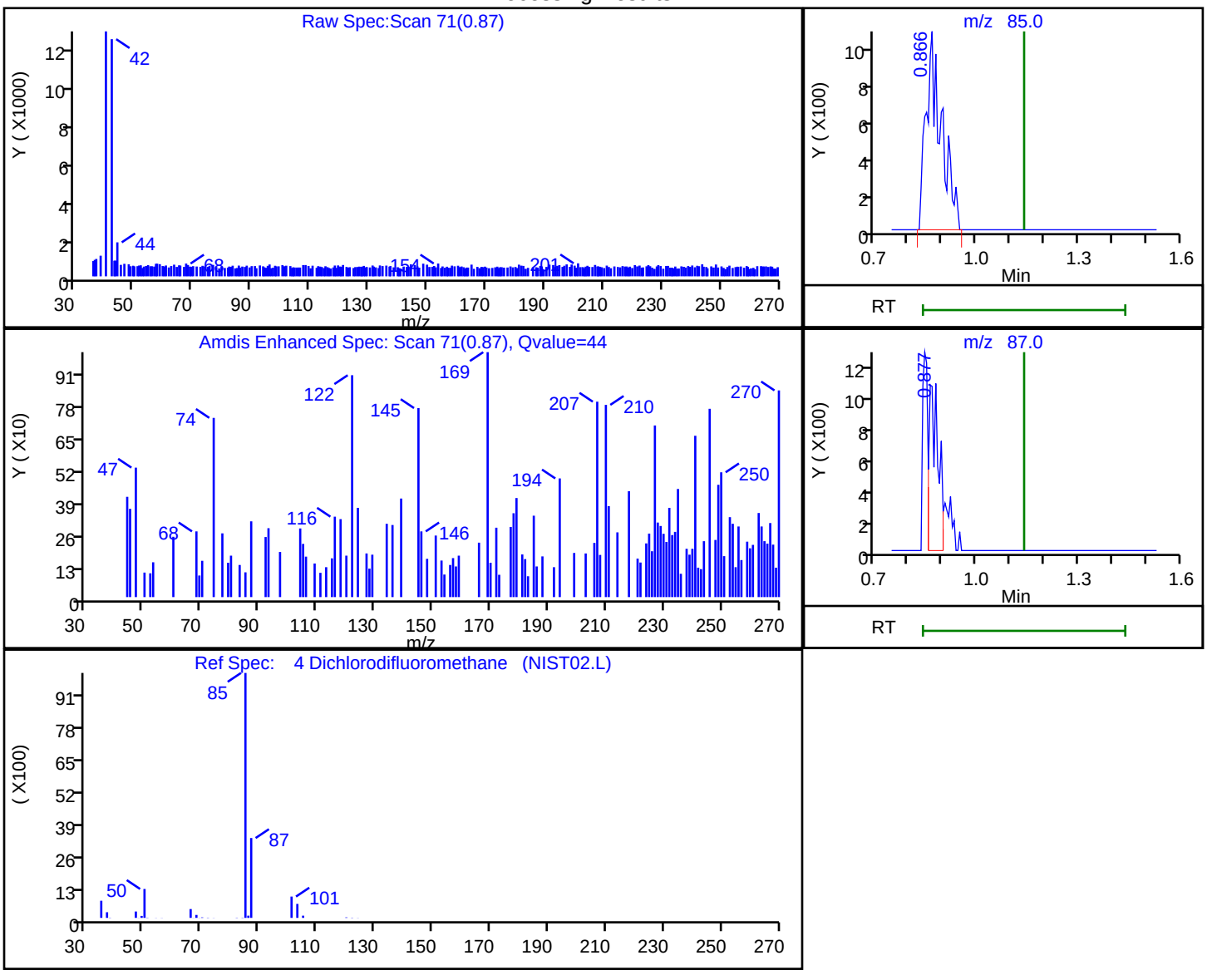
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18635.D		
Injection Date:	31-Aug-2020 08:28:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-C-4-A	Lab Sample ID:	460-217009-4
Client ID:	SB-18_16-18_20200827		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.87	85.00	3178	0.612806
0.88	87.00	1942	

Reviewer: delpolitov, 31-Aug-2020 16:53:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: K18636.D

Analysis Method: 8260C Date Collected: 08/27/2020 11:30

Sample wt/vol: 3.40(g) Date Analyzed: 08/31/2020 08:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.7 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00035	U	0.0015	0.00035
79-34-5	1,1,2,2-Tetrachloroethane	0.00032	U	0.0015	0.00032
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00045	U	0.0015	0.00045
79-00-5	1,1,2-Trichloroethane	0.00027	U	0.0015	0.00027
75-34-3	1,1-Dichloroethane	0.00031	U	0.0015	0.00031
75-35-4	1,1-Dichloroethene	0.00034	U	0.0015	0.00034
87-61-6	1,2,3-Trichlorobenzene	0.00027	U	0.0015	0.00027
120-82-1	1,2,4-Trichlorobenzene	0.00054	U	0.0015	0.00054
96-12-8	1,2-Dibromo-3-Chloropropane	0.00069	U	0.0015	0.00069
95-50-1	1,2-Dichlorobenzene	0.00022	U	0.0015	0.00022
107-06-2	1,2-Dichloroethane	0.00044	U	0.0015	0.00044
78-87-5	1,2-Dichloropropane	0.00063	U	0.0015	0.00063
541-73-1	1,3-Dichlorobenzene	0.00024	U	0.0015	0.00024
106-46-7	1,4-Dichlorobenzene	0.00034	U	0.0015	0.00034
78-93-3	2-Butanone (MEK)	0.0041	U	0.0075	0.0041
591-78-6	2-Hexanone	0.0026	U	0.0075	0.0026
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0075	0.0023
67-64-1	Acetone	0.0086	U	0.0090	0.0086
71-43-2	Benzene	0.00039	U	0.0015	0.00039
75-25-2	Bromoform	0.00064	U	0.0015	0.00064
74-83-9	Bromomethane	0.00071	U	0.0015	0.00071
75-15-0	Carbon disulfide	0.00040	U	0.0015	0.00040
56-23-5	Carbon tetrachloride	0.00058	U	0.0015	0.00058
108-90-7	Chlorobenzene	0.00026	U	0.0015	0.00026
74-97-5	Chlorobromomethane	0.00042	U	0.0015	0.00042
124-48-1	Chlorodibromomethane	0.00029	U	0.0015	0.00029
75-00-3	Chloroethane	0.00078	U	0.0015	0.00078
67-66-3	Chloroform	0.00048	U	0.0015	0.00048
74-87-3	Chloromethane	0.00065	U	0.0015	0.00065
156-59-2	cis-1,2-Dichloroethene	0.00023	U	0.0015	0.00023
10061-01-5	cis-1,3-Dichloropropene	0.00041	U	0.0015	0.00041
110-82-7	Cyclohexane	0.00033	U	0.0015	0.00033
75-27-4	Dichlorobromomethane	0.00038	U	0.0015	0.00038
75-71-8	Dichlorodifluoromethane	0.00051	U	0.0015	0.00051
100-41-4	Ethylbenzene	0.00030	U	0.0015	0.00030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: K18636.D

Analysis Method: 8260C Date Collected: 08/27/2020 11:30

Sample wt/vol: 3.40(g) Date Analyzed: 08/31/2020 08:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.7 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00027	U	0.0015	0.00027
98-82-8	Isopropylbenzene	0.00019	U	0.0015	0.00019
79-20-9	Methyl acetate	0.0064	U	0.0075	0.0064
1634-04-4	Methyl tert-butyl ether	0.00019	U	0.0015	0.00019
108-87-2	Methylcyclohexane	0.00075	U	0.0015	0.00075
75-09-2	Methylene Chloride	0.00069	U	0.0015	0.00069
179601-23-1	m-Xylene & p-Xylene	0.00026	U	0.0015	0.00026
95-47-6	o-Xylene	0.00029	U	0.0015	0.00029
100-42-5	Styrene	0.00042	U	0.0015	0.00042
127-18-4	Tetrachloroethene	0.00021	U	0.0015	0.00021
108-88-3	Toluene	0.00035	U	0.0015	0.00035
156-60-5	trans-1,2-Dichloroethene	0.00037	U	0.0015	0.00037
10061-02-6	trans-1,3-Dichloropropene	0.00040	U	0.0015	0.00040
79-01-6	Trichloroethene	0.00022	U	0.0015	0.00022
75-69-4	Trichlorofluoromethane	0.00061	U	0.0015	0.00061
75-01-4	Vinyl chloride	0.00082	U	0.0015	0.00082
1330-20-7	Xylenes, Total	0.00026	U	0.0030	0.00026

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: K18636.D

Analysis Method: 8260C Date Collected: 08/27/2020 11:30

Sample wt/vol: 3.40(g) Date Analyzed: 08/31/2020 08:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.7 Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 8.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	12.25	8.7	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18636.D
Lims ID: 460-217009-C-5-A
Client ID: SB-05_1-3_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 08:51:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-C-5-A
Misc. Info.: 460-0116031-012
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:54:15 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:54:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.416	2.400	0.016	95	510039	1000.0	
* 42 2-Butanone-d5	46	3.300	3.284	0.016	95	366092	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.764	3.747	0.017	97	208115	55.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.058	0.017	0	219963	56.9	
* 66 Fluorobenzene	96	4.408	4.397	0.011	98	551463	50.0	
* 73 1,4-Dioxane-d8	96	5.166	5.133	0.033	98	40088	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.214	0.005	99	601006	49.0	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	388570	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	194055	52.9	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	228577	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18636.D				
Lims ID:	460-217009-C-5-A				
Client ID:	SB-05_1-3_20200827				
Sample Type:	Client				
Inject. Date:	31-Aug-2020 08:51:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-217009-C-5-A				
Misc. Info.:	460-0116031-012				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	31-Aug-2020 16:54:15	Calib Date:	26-Aug-2020 22:33:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1033				
First Level Reviewer: delpolitov		Date:	31-Aug-2020 16:54:15		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
12.248	134317	5.84	94					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 94 Chlorobenzene-d5	8.189	1150900	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

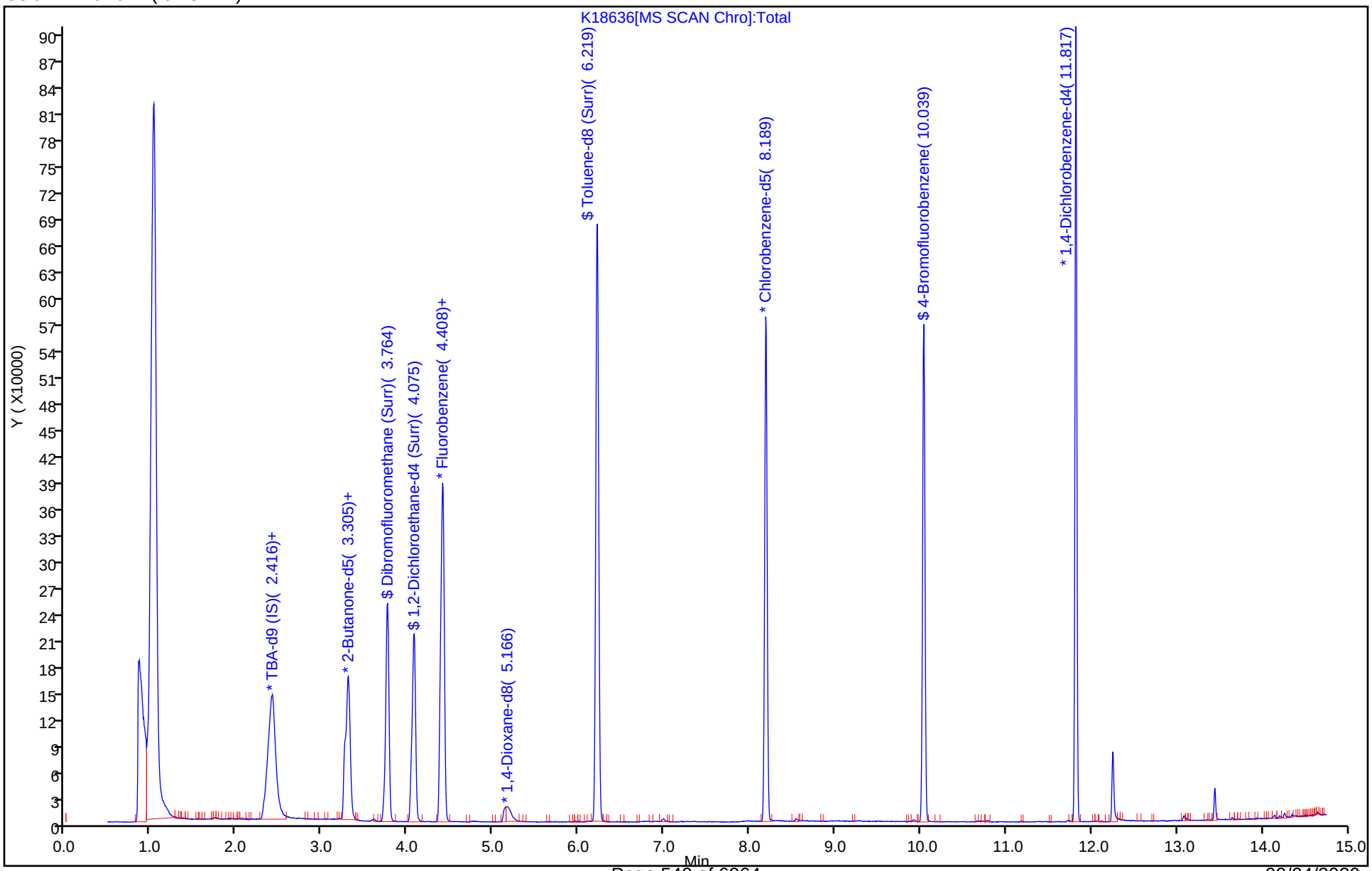
Report Date: 31-Aug-2020 16:54:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18636.D

Injection Date:	31-Aug-2020 08:51:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-C-5-A	Lab Sample ID:	460-217009-5	Worklist Smp#:	12
Client ID:	SB-05_1-3_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



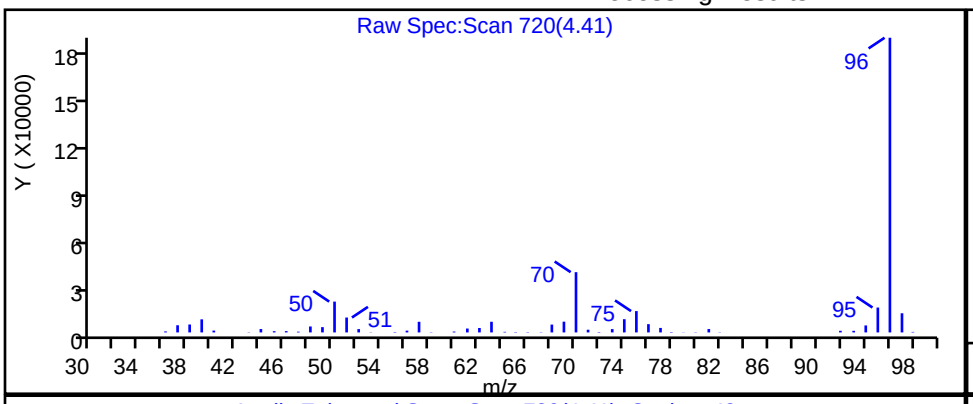
User Disabled Compound Report

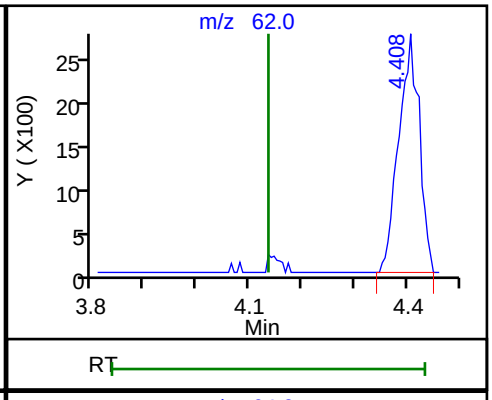
Eurofins TestAmerica, Edison

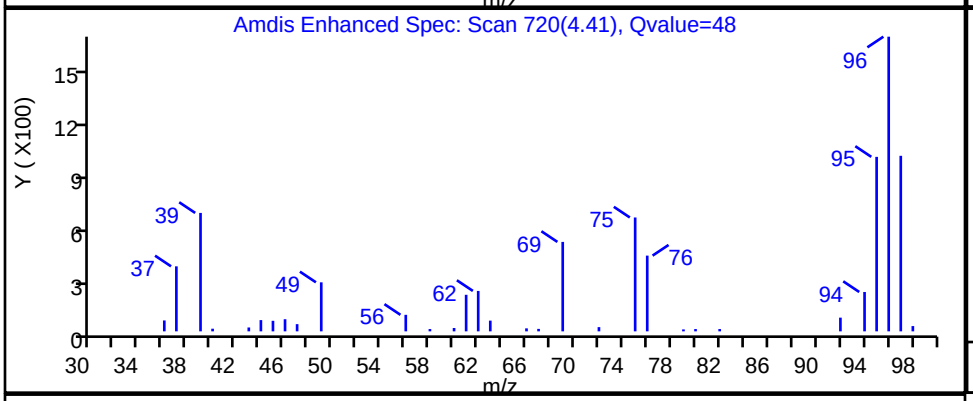
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18636.D				
Injection Date:	31-Aug-2020 08:51:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-C-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

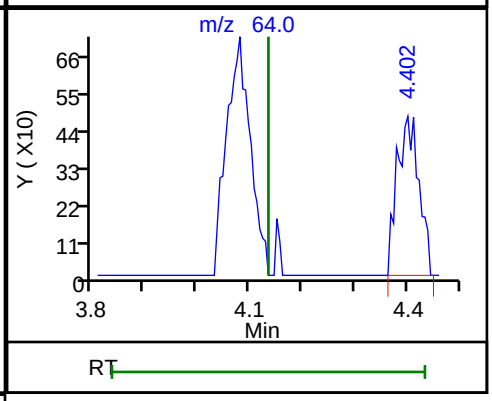
64 1,2-Dichloroethane, CAS: 107-06-2

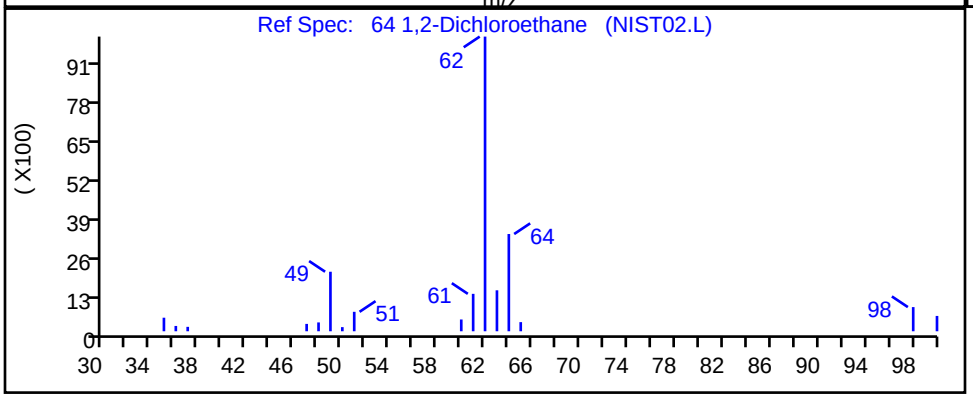
Processing Results











RT	Mass	Response	Amount
4.41	62.00	7568	1.545128
4.40	64.00	1378	

Reviewer: delpolitov, 31-Aug-2020 16:54:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

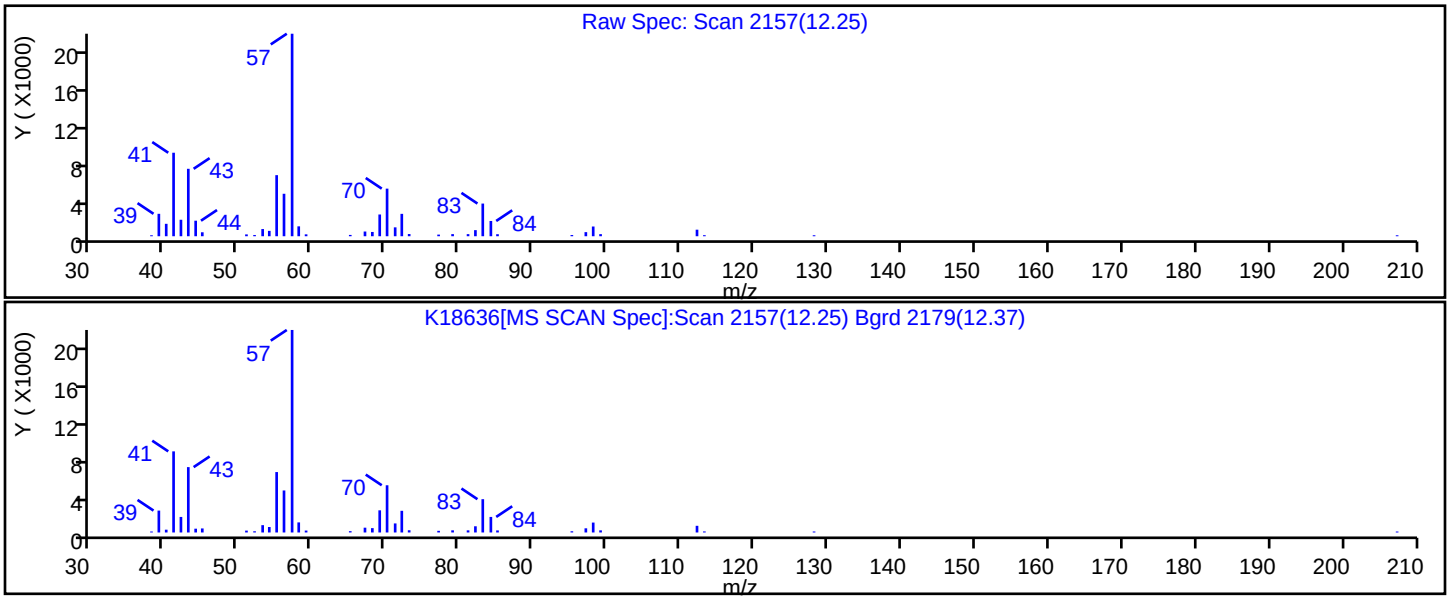
Report Date: 31-Aug-2020 16:54:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18636.D

Injection Date:	31-Aug-2020 08:51:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-C-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: K18637.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:00

Sample wt/vol: 4.10(g) Date Analyzed: 08/31/2020 09:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.6 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00029	U	0.0012	0.00029
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0012	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00037	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.00022	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.00026	U	0.0012	0.00026
75-35-4	1,1-Dichloroethene	0.00028	U	0.0012	0.00028
87-61-6	1,2,3-Trichlorobenzene	0.00022	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.00044	U	0.0012	0.00044
96-12-8	1,2-Dibromo-3-Chloropropane	0.00057	U	0.0012	0.00057
95-50-1	1,2-Dichlorobenzene	0.00018	U	0.0012	0.00018
107-06-2	1,2-Dichloroethane	0.00037	U	0.0012	0.00037
78-87-5	1,2-Dichloropropane	0.00052	U	0.0012	0.00052
541-73-1	1,3-Dichlorobenzene	0.00020	U	0.0012	0.00020
106-46-7	1,4-Dichlorobenzene	0.00028	U	0.0012	0.00028
78-93-3	2-Butanone (MEK)	0.0034	U	0.0062	0.0034
591-78-6	2-Hexanone	0.0021	U	0.0062	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0062	0.0019
67-64-1	Acetone	0.0071	U	0.0074	0.0071
71-43-2	Benzene	0.00032	U	0.0012	0.00032
75-25-2	Bromoform	0.00053	U	0.0012	0.00053
74-83-9	Bromomethane	0.00059	U	0.0012	0.00059
75-15-0	Carbon disulfide	0.00033	U	0.0012	0.00033
56-23-5	Carbon tetrachloride	0.00048	U	0.0012	0.00048
108-90-7	Chlorobenzene	0.00022	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.00035	U	0.0012	0.00035
124-48-1	Chlorodibromomethane	0.00024	U	0.0012	0.00024
75-00-3	Chloroethane	0.00065	U	0.0012	0.00065
67-66-3	Chloroform	0.00040	U	0.0012	0.00040
74-87-3	Chloromethane	0.00054	U	0.0012	0.00054
156-59-2	cis-1,2-Dichloroethene	0.00019	U	0.0012	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00034	U	0.0012	0.00034
110-82-7	Cyclohexane	0.00027	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.00032	U	0.0012	0.00032
75-71-8	Dichlorodifluoromethane	0.00042	U	0.0012	0.00042
100-41-4	Ethylbenzene	0.00025	U	0.0012	0.00025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: K18637.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:00

Sample wt/vol: 4.10(g) Date Analyzed: 08/31/2020 09:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.6 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.00016	U	0.0012	0.00016
79-20-9	Methyl acetate	0.0053	U	0.0062	0.0053
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00062	U	0.0012	0.00062
75-09-2	Methylene Chloride	0.00057	U	0.0012	0.00057
179601-23-1	m-Xylene & p-Xylene	0.00022	U	0.0012	0.00022
95-47-6	o-Xylene	0.00024	U	0.0012	0.00024
100-42-5	Styrene	0.00034	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.00018	U	0.0012	0.00018
108-88-3	Toluene	0.00029	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00030	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.00033	U	0.0012	0.00033
79-01-6	Trichloroethene	0.00018	U	0.0012	0.00018
75-69-4	Trichlorofluoromethane	0.00050	U	0.0012	0.00050
75-01-4	Vinyl chloride	0.00068	U	0.0012	0.00068
1330-20-7	Xylenes, Total	0.00022	U	0.0025	0.00022

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		77-145
460-00-4	4-Bromofluorobenzene	108		79-125
1868-53-7	Dibromofluoromethane (Surr)	114		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: K18637.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:00

Sample wt/vol: 4.10(g) Date Analyzed: 08/31/2020 09:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.6 Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18637.D
Lims ID: 460-217009-C-6-A
Client ID: SB-07_0-2_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 09:14:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-C-6-A
Misc. Info.: 460-0116031-013
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:54:27 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:54:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.400	0.011	95	498347	1000.0	
* 42 2-Butanone-d5	46	3.300	3.284	0.016	95	350969	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.747	0.011	96	201041	56.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.058	0.011	0	214340	58.8	
* 66 Fluorobenzene	96	4.408	4.397	0.011	98	519665	50.0	
* 73 1,4-Dioxane-d8	96	5.139	5.133	0.006	100	37831	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	571957	50.0	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	361995	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	96	185013	54.1	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.817	0.001	96	214332	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

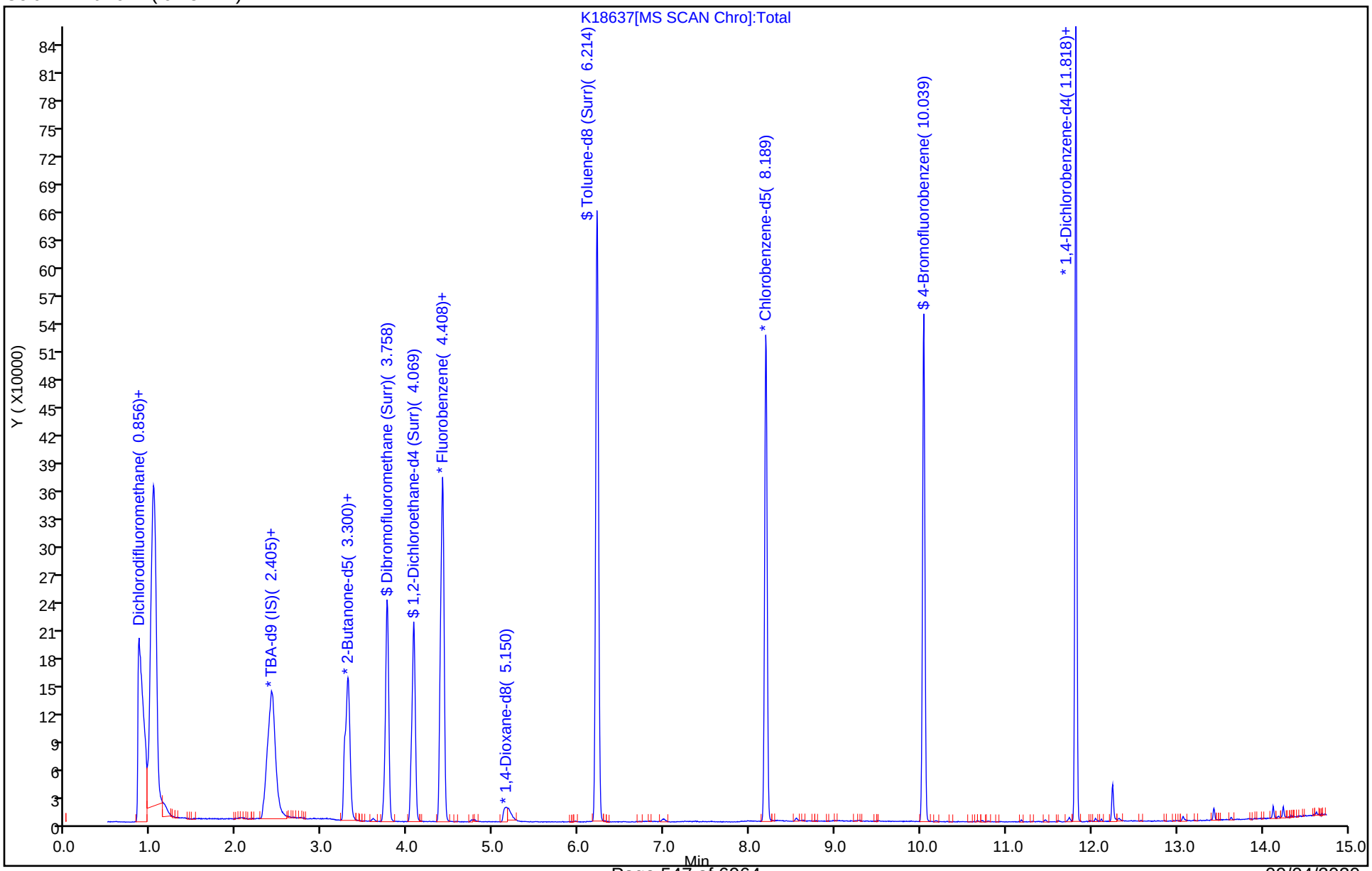
Report Date: 31-Aug-2020 16:54:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18637.D

Injection Date:	31-Aug-2020 09:14:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-C-6-A	Lab Sample ID:	460-217009-6	Worklist Smp#:	13
Client ID:	SB-07_0-2_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



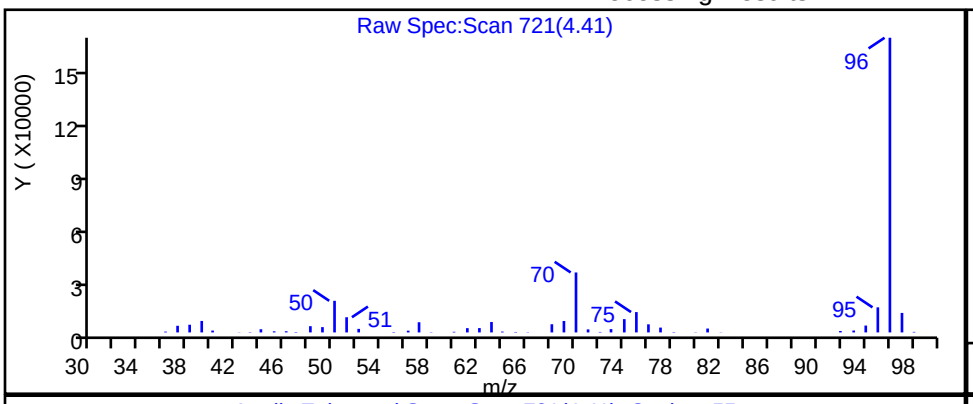
User Disabled Compound Report

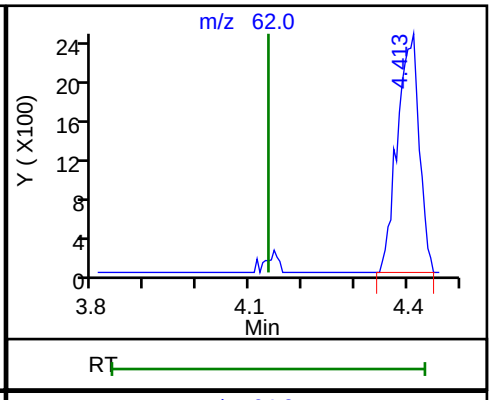
Eurofins TestAmerica, Edison

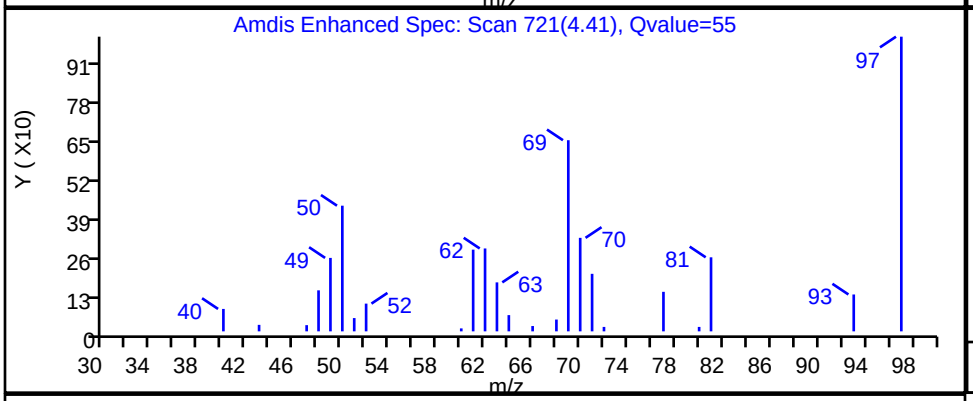
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18637.D				
Injection Date:	31-Aug-2020 09:14:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-C-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

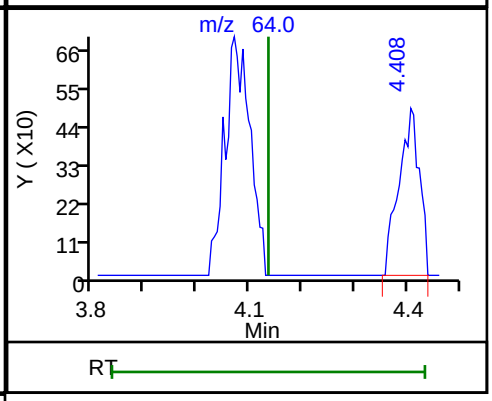
64 1,2-Dichloroethane, CAS: 107-06-2

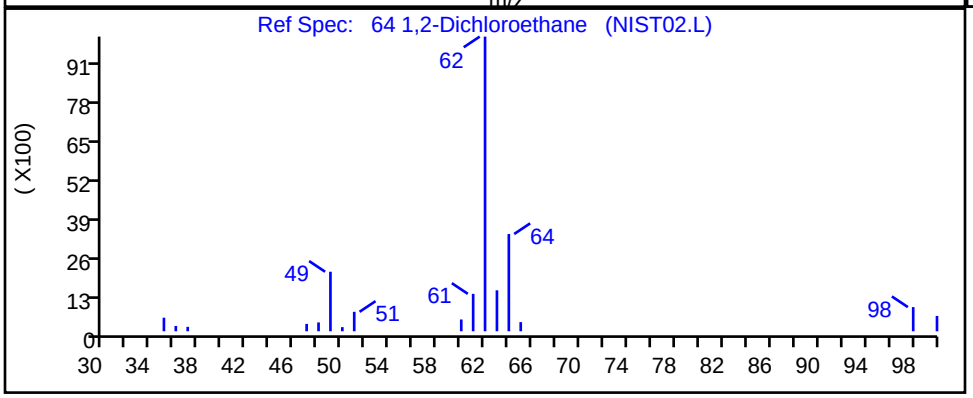
Processing Results











RT	Mass	Response	Amount
4.41	62.00	7166	1.552577
4.41	64.00	1336	

Reviewer: delpolitov, 31-Aug-2020 16:54:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: K18638.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:05

Sample wt/vol: 4.78(g) Date Analyzed: 08/31/2020 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 0.7 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00025	U	0.0011	0.00025
79-34-5	1,1,2,2-Tetrachloroethane	0.00023	U	0.0011	0.00023
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00032	U	0.0011	0.00032
79-00-5	1,1,2-Trichloroethane	0.00019	U	0.0011	0.00019
75-34-3	1,1-Dichloroethane	0.00022	U	0.0011	0.00022
75-35-4	1,1-Dichloroethene	0.00024	U	0.0011	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0011	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.00038	U	0.0011	0.00038
96-12-8	1,2-Dibromo-3-Chloropropane	0.00048	U	0.0011	0.00048
95-50-1	1,2-Dichlorobenzene	0.00015	U	0.0011	0.00015
107-06-2	1,2-Dichloroethane	0.00031	U	0.0011	0.00031
78-87-5	1,2-Dichloropropane	0.00045	U	0.0011	0.00045
541-73-1	1,3-Dichlorobenzene	0.00017	U	0.0011	0.00017
106-46-7	1,4-Dichlorobenzene	0.00024	U	0.0011	0.00024
78-93-3	2-Butanone (MEK)	0.0029	U	0.0053	0.0029
591-78-6	2-Hexanone	0.0018	U	0.0053	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0053	0.0016
67-64-1	Acetone	0.0060	U	0.0063	0.0060
71-43-2	Benzene	0.00027	U	0.0011	0.00027
75-25-2	Bromoform	0.00045	U	0.0011	0.00045
74-83-9	Bromomethane	0.00050	U	0.0011	0.00050
75-15-0	Carbon disulfide	0.00028	U	0.0011	0.00028
56-23-5	Carbon tetrachloride	0.00041	U	0.0011	0.00041
108-90-7	Chlorobenzene	0.00019	U	0.0011	0.00019
74-97-5	Chlorobromomethane	0.00030	U	0.0011	0.00030
124-48-1	Chlorodibromomethane	0.00020	U	0.0011	0.00020
75-00-3	Chloroethane	0.00055	U	0.0011	0.00055
67-66-3	Chloroform	0.00034	U	0.0011	0.00034
74-87-3	Chloromethane	0.00046	U	0.0011	0.00046
156-59-2	cis-1,2-Dichloroethene	0.00016	U	0.0011	0.00016
10061-01-5	cis-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
110-82-7	Cyclohexane	0.00023	U	0.0011	0.00023
75-27-4	Dichlorobromomethane	0.00027	U	0.0011	0.00027
75-71-8	Dichlorodifluoromethane	0.00036	U	0.0011	0.00036
100-41-4	Ethylbenzene	0.00021	U	0.0011	0.00021

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: K18638.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:05

Sample wt/vol: 4.78(g) Date Analyzed: 08/31/2020 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 0.7 Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00019	U	0.0011	0.00019
98-82-8	Isopropylbenzene	0.00013	U	0.0011	0.00013
79-20-9	Methyl acetate	0.0045	U	0.0053	0.0045
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0011	0.00013
108-87-2	Methylcyclohexane	0.00053	U	0.0011	0.00053
75-09-2	Methylene Chloride	0.00049	U	0.0011	0.00049
179601-23-1	m-Xylene & p-Xylene	0.00018	U	0.0011	0.00018
95-47-6	o-Xylene	0.00020	U	0.0011	0.00020
100-42-5	Styrene	0.00029	U	0.0011	0.00029
127-18-4	Tetrachloroethene	0.012		0.0011	0.00015
108-88-3	Toluene	0.00025	U	0.0011	0.00025
156-60-5	trans-1,2-Dichloroethene	0.00026	U	0.0011	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00028	U	0.0011	0.00028
79-01-6	Trichloroethene	0.00015	U	0.0011	0.00015
75-69-4	Trichlorofluoromethane	0.00043	U	0.0011	0.00043
75-01-4	Vinyl chloride	0.00058	U	0.0011	0.00058
1330-20-7	Xylenes, Total	0.00018	U	0.0021	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		77-145
460-00-4	4-Bromofluorobenzene	86		79-125
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: K18638.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:05

Sample wt/vol: 4.78(g) Date Analyzed: 08/31/2020 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 0.7 Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 2040

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	13.59	130	J	
	Unknown	13.96	180	J	
	Unknown	14.04	120	J	
	Unknown	14.08	140	J	
	Unknown	14.15	170	J	
	Unknown	14.31	240	J	
	Unknown	14.36	110	J	
	Unknown	14.39	120	J	
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	14.51	260	J N	93%
	Unknown	14.67	570	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D
Lims ID: 460-217009-D-7-A
Client ID: SB-07_6-8_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 09:37:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-7-A
Misc. Info.: 460-0116031-014
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:55:01 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:55:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.400	0.005	95	570076	1000.0	
* 42 2-Butanone-d5	46	3.294	3.284	0.010	95	367030	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.747	0.006	97	168968	55.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.058	0.006	0	182819	57.8	
* 66 Fluorobenzene	96	4.402	4.397	0.005	99	450904	50.0	
* 73 1,4-Dioxane-d8	96	5.155	5.133	0.022	99	43243	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	441343	47.7	
88 Tetrachloroethene	166	7.021	7.016	0.005	97	27359	11.4	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	292688	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	96	118880	43.0	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	137842	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D
Lims ID: 460-217009-D-7-A
Client ID: SB-07_6-8_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 09:37:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-7-A
Misc. Info.: 460-0116031-014
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:55:01 Calib Date: 26-Aug-2020 22:33:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:55:01

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
13.591	2205971	127.6	94					
	Unknown							
13.962	2998909	173.5	94					
	Unknown							
14.038	1917019	110.9	94					
	Unknown							
14.082	2317381	134.1	94					
	Unknown							
14.147	2781778	161.0	94					
	Unknown							
14.311	3929427	227.4	94					
	Unknown							
14.355	1778801	102.9	94					
	Unknown							
14.393	1902211	110.1	94					
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-							
14.513	4233239	244.9	94	93	20749	C11H14	146	
	Unknown							
14.671	9294265	537.8	94					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 94 Chlorobenzene-d5	8.189	864108	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

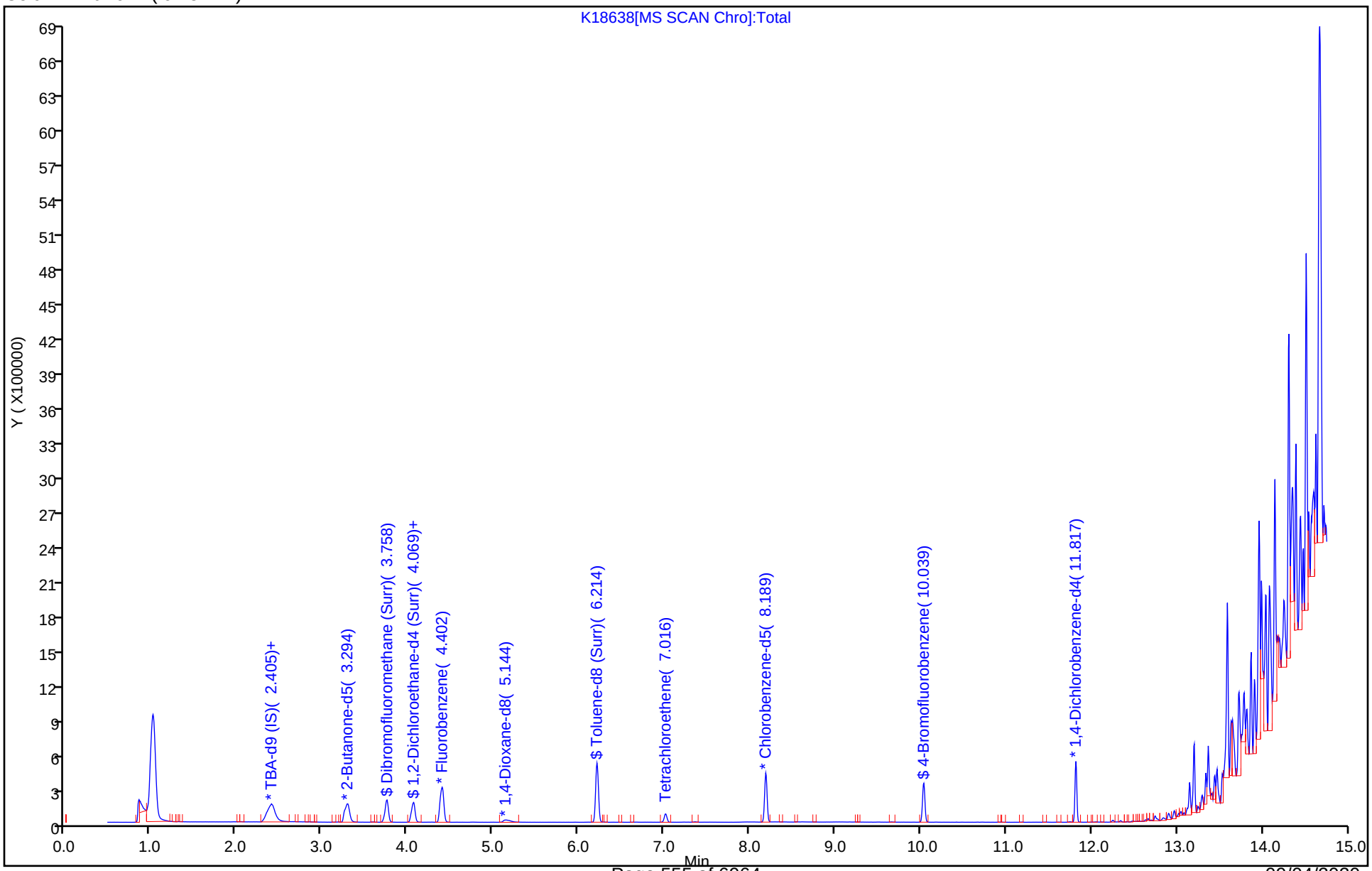
Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D

Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7	Worklist Smp#:	14
Client ID:	SB-07_6-8_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

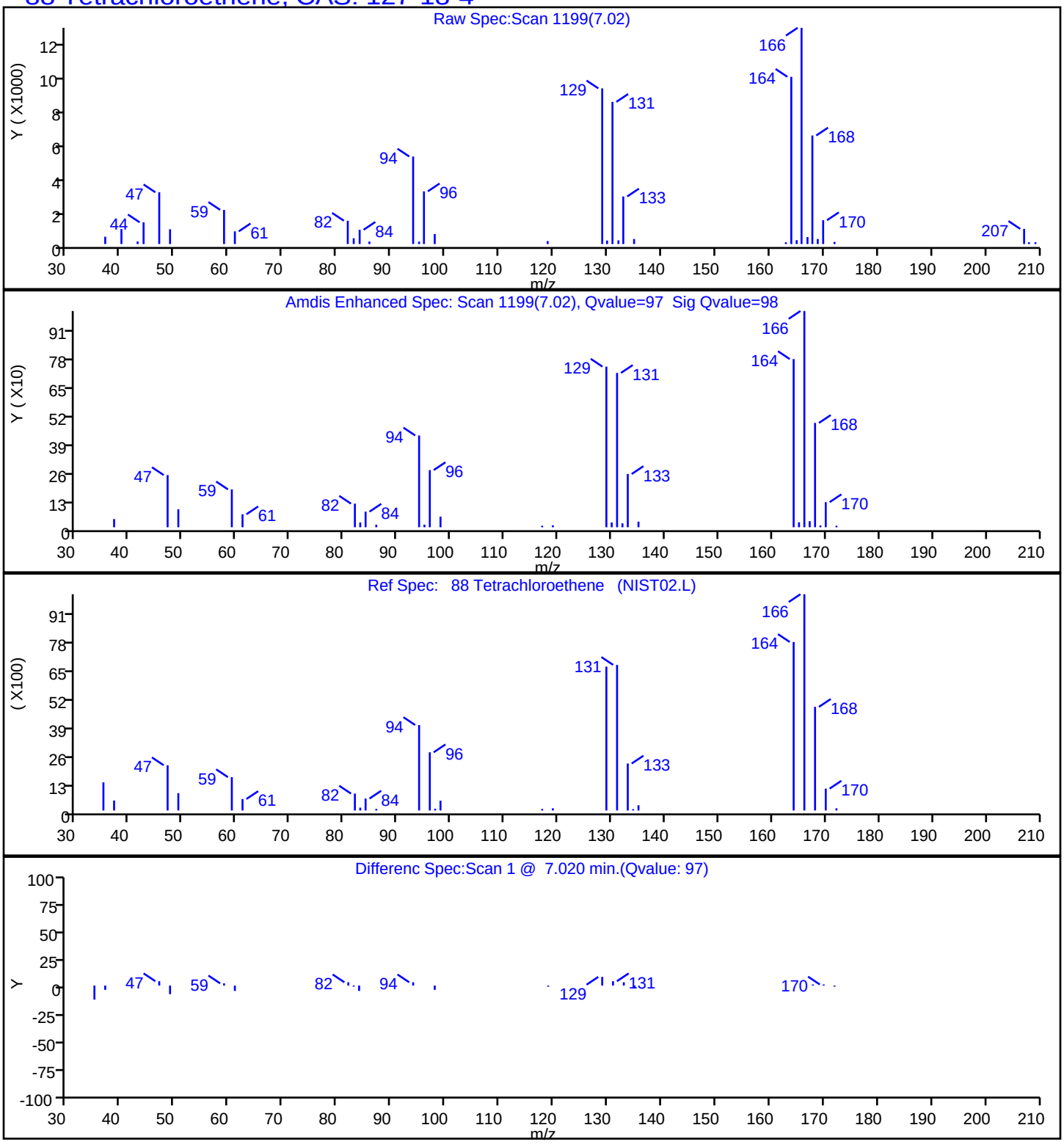
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D		
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7
Client ID:	SB-07_6-8_20200827		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



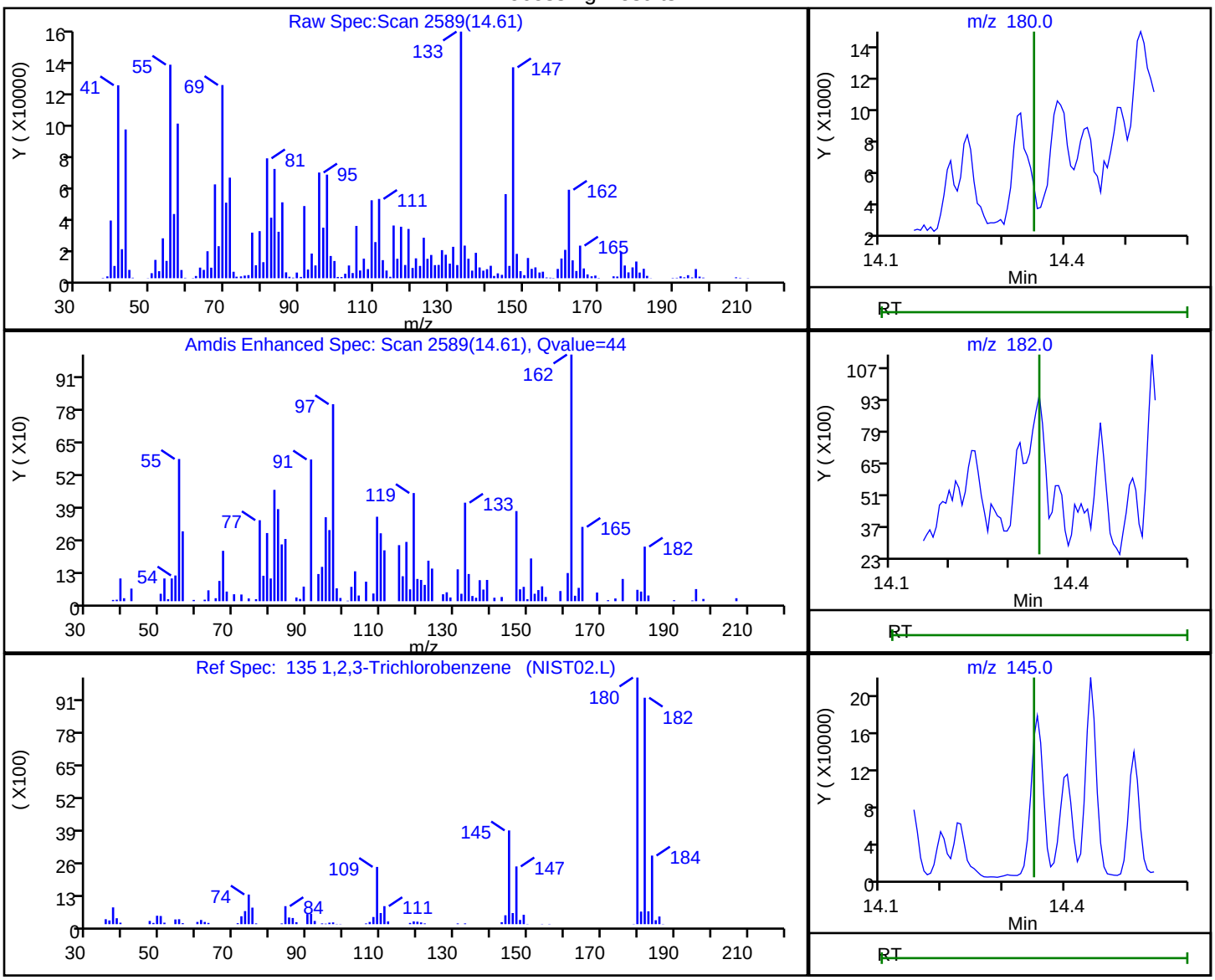
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D		
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7
Client ID:	SB-07_6-8_20200827		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
14.61	180.00	8771	1.943857
14.61	182.00	6664	
14.61	145.00	66056	

Reviewer: delpolitov, 31-Aug-2020 16:54:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

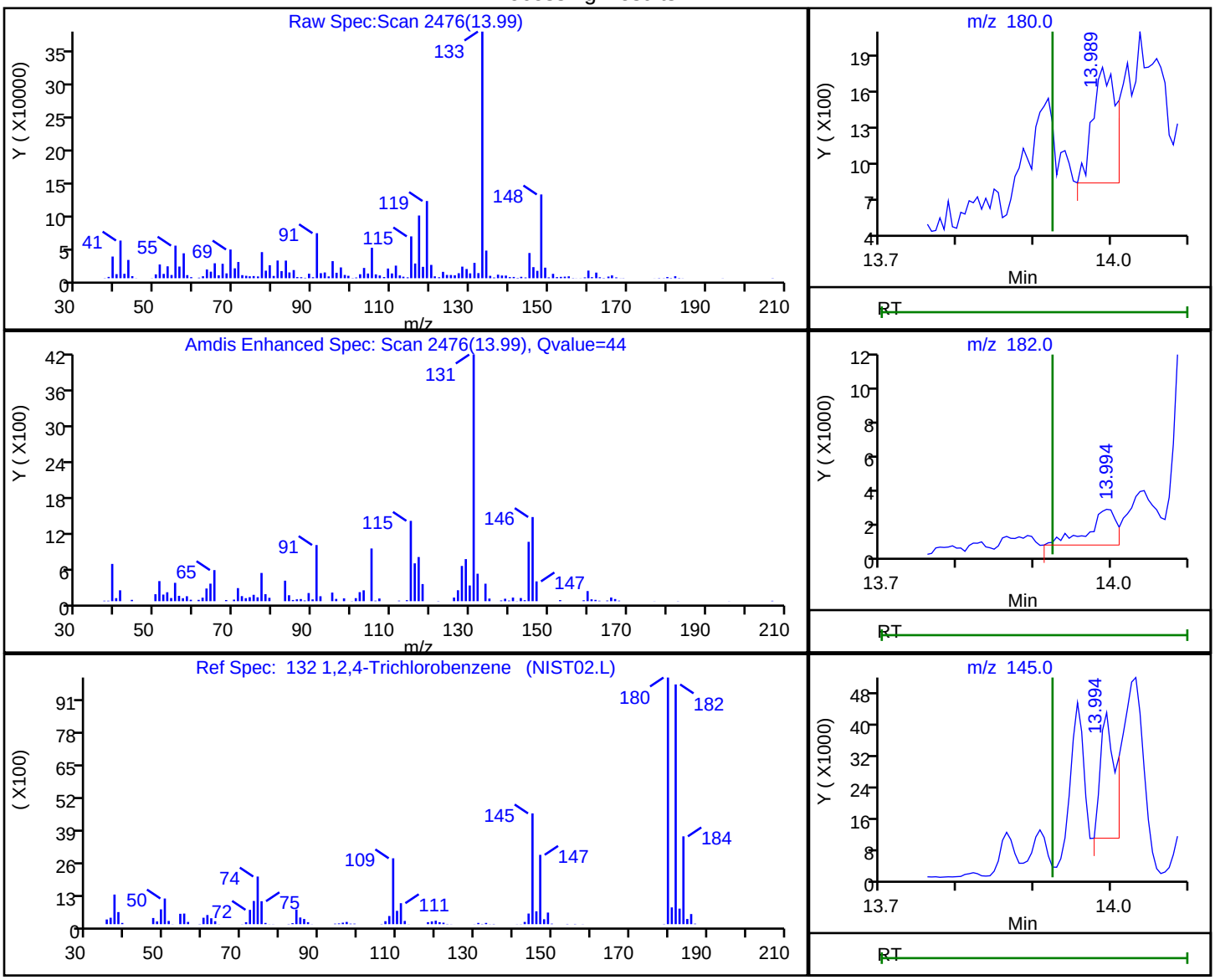
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D		
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7
Client ID:	SB-07_6-8_20200827		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.99	180.00	1940	0.462992
13.99	182.00	4858	
13.99	145.00	43389	

Reviewer: delpolitov, 31-Aug-2020 16:54:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

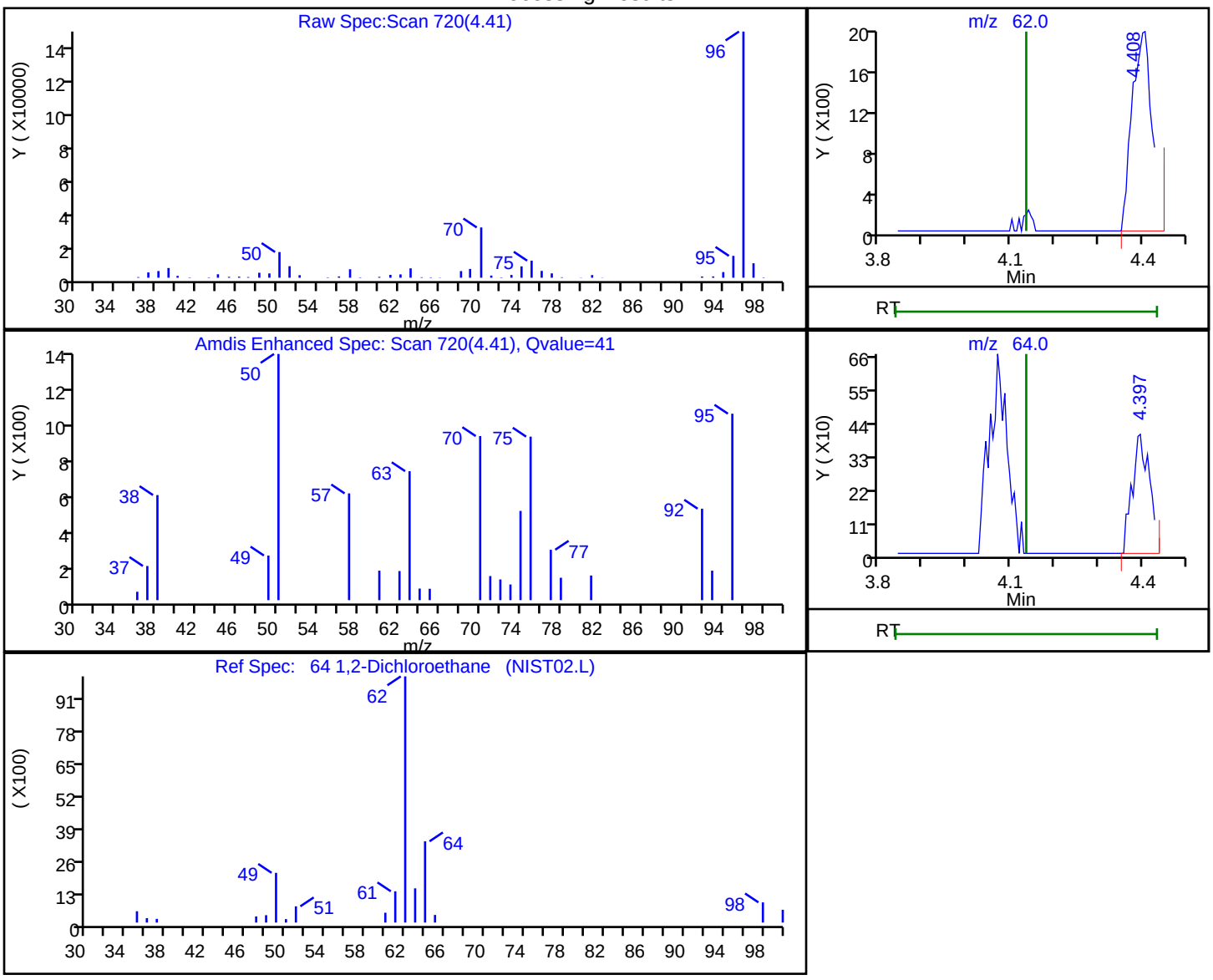
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D		
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7
Client ID:	SB-07_6-8_20200827		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.41	62.00	5861	1.463482
4.40	64.00	1068	

Reviewer: delpolitov, 31-Aug-2020 16:54:35

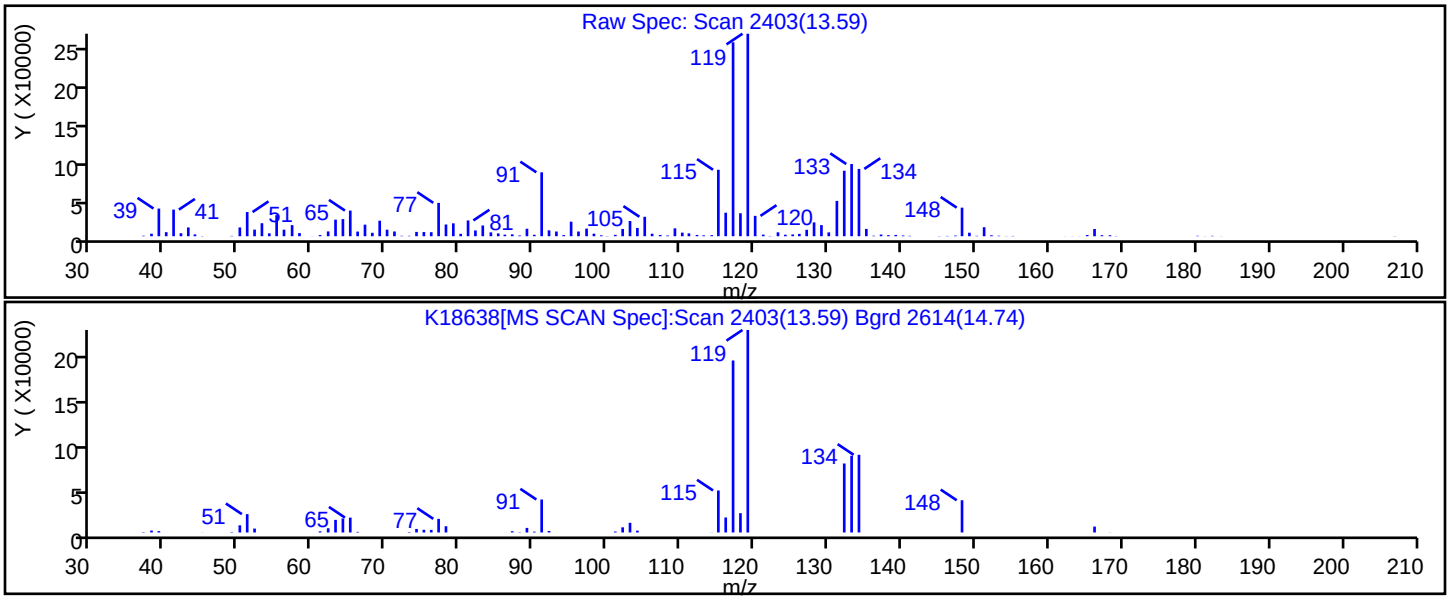
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

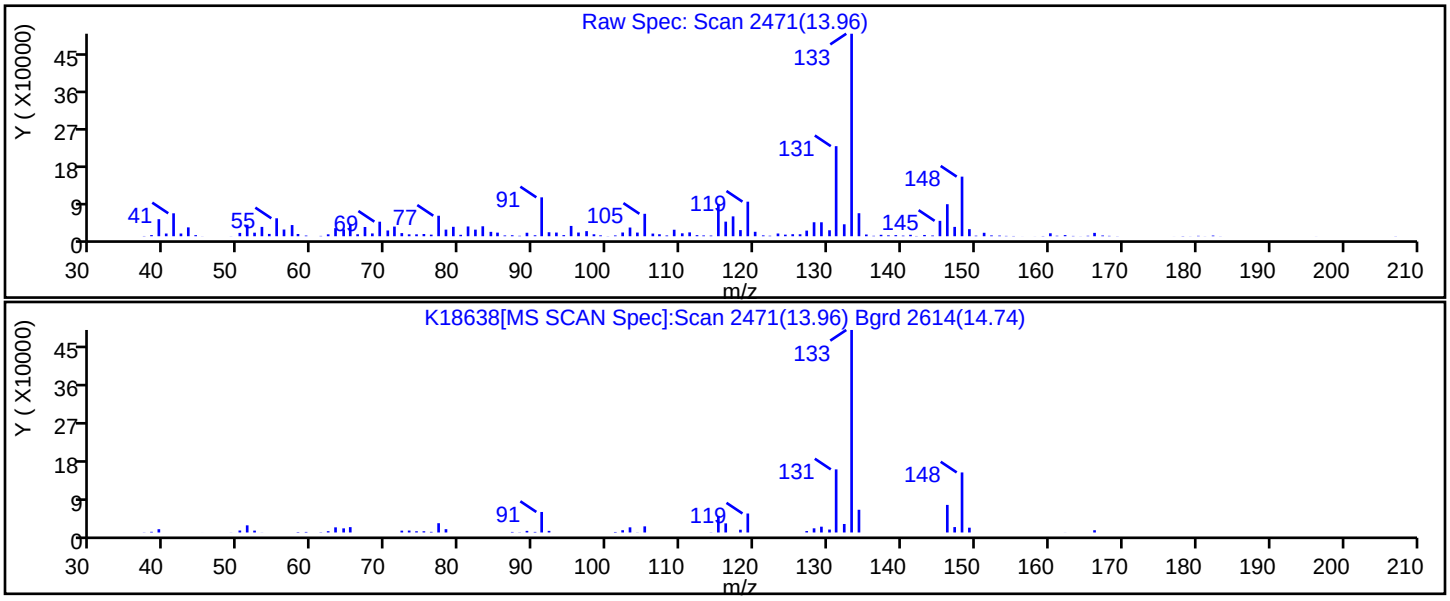


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

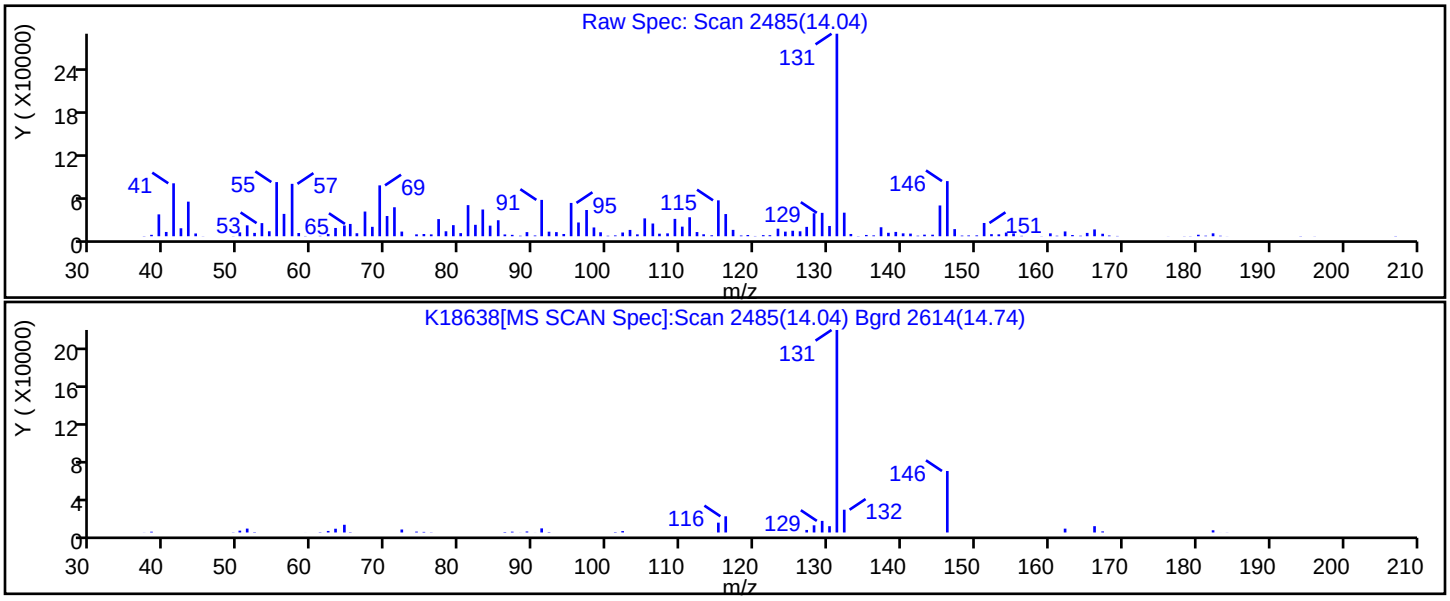


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

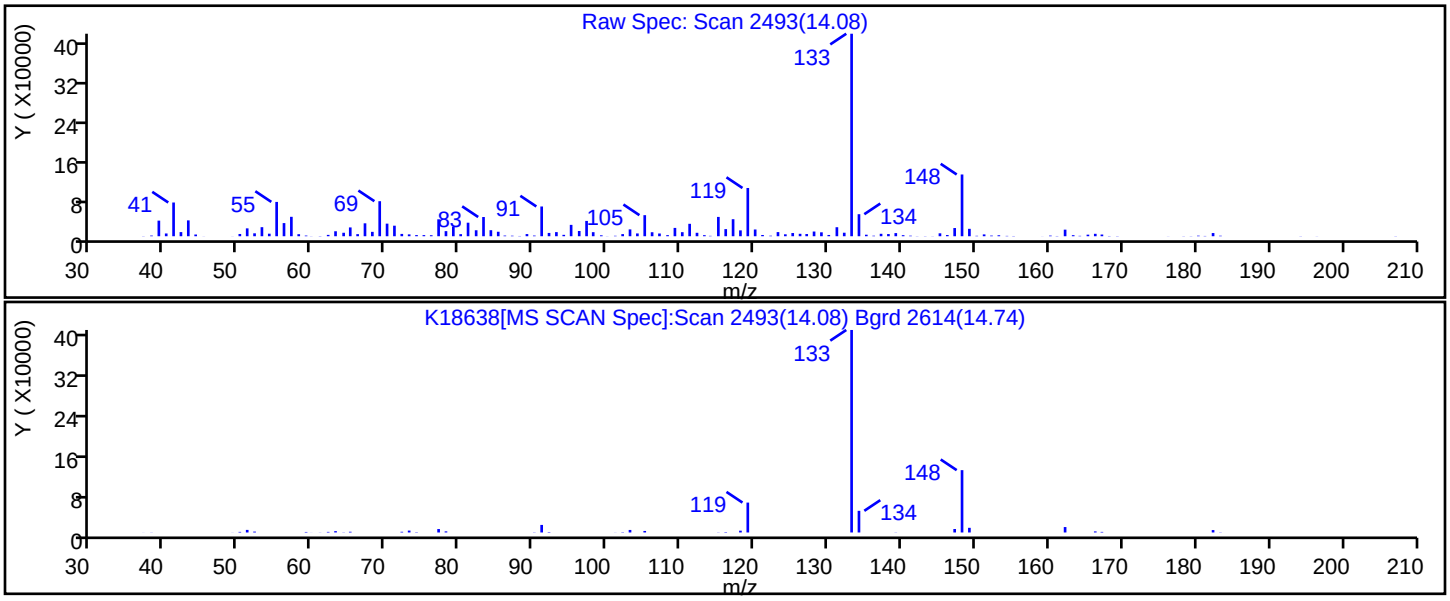


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

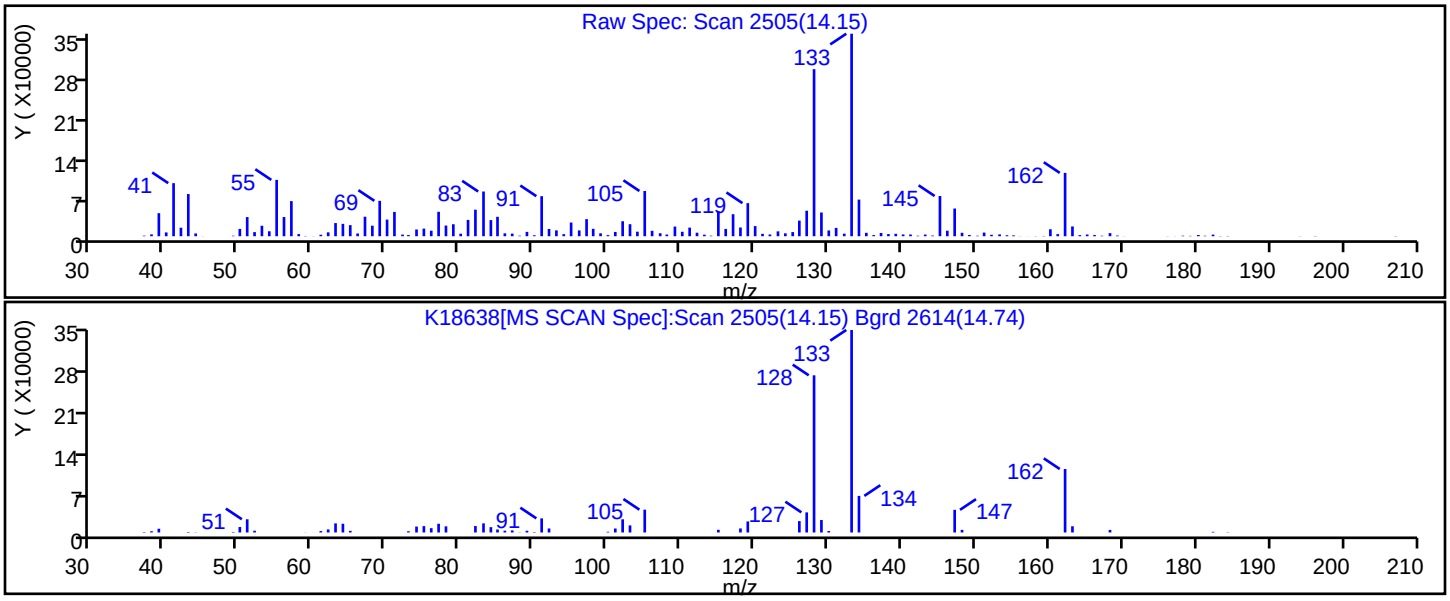


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

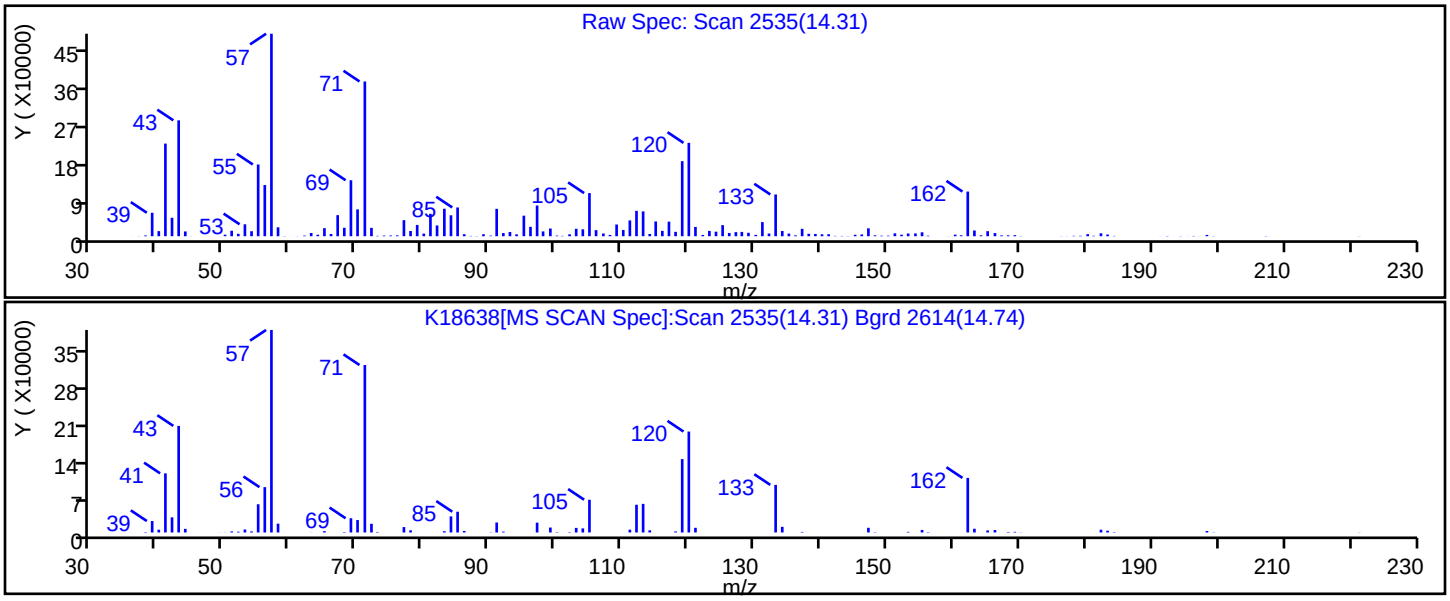


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

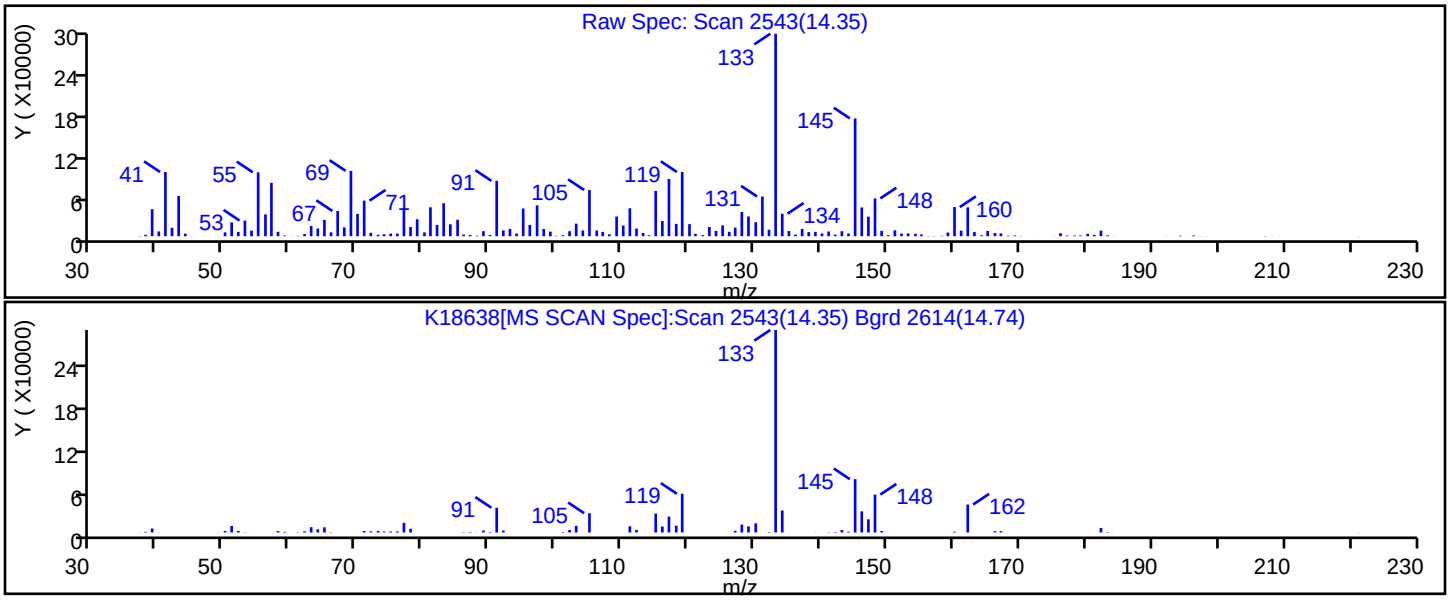


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

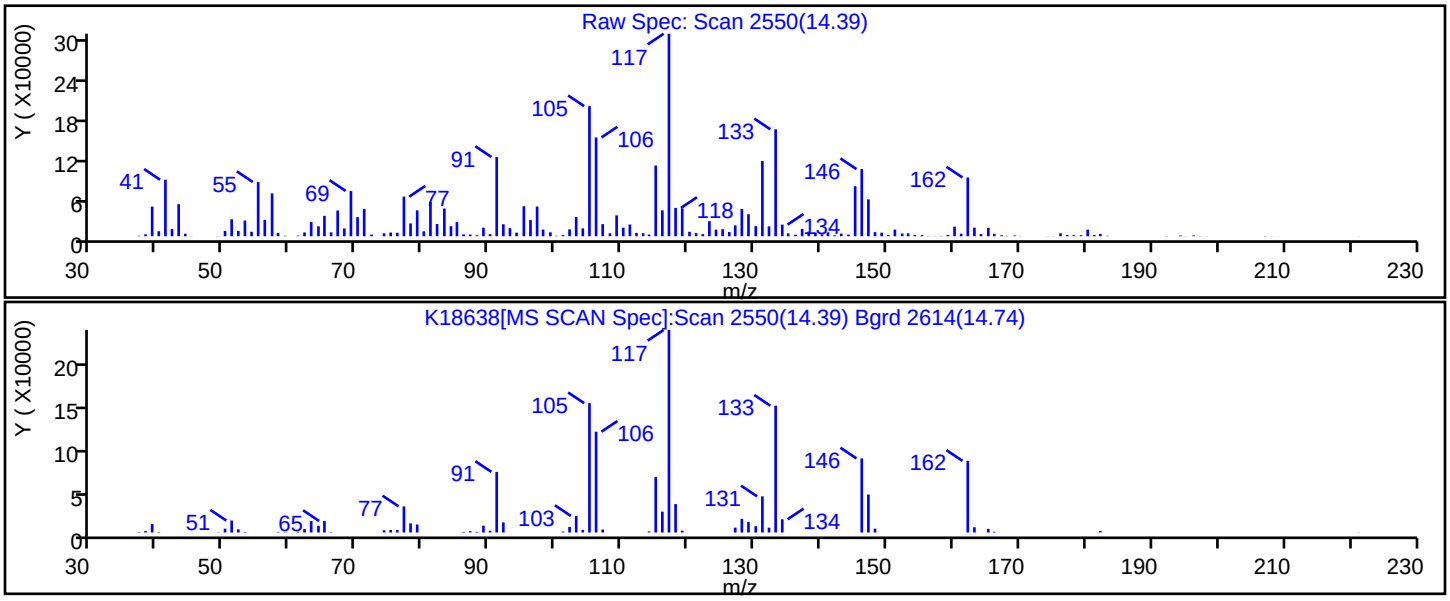


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

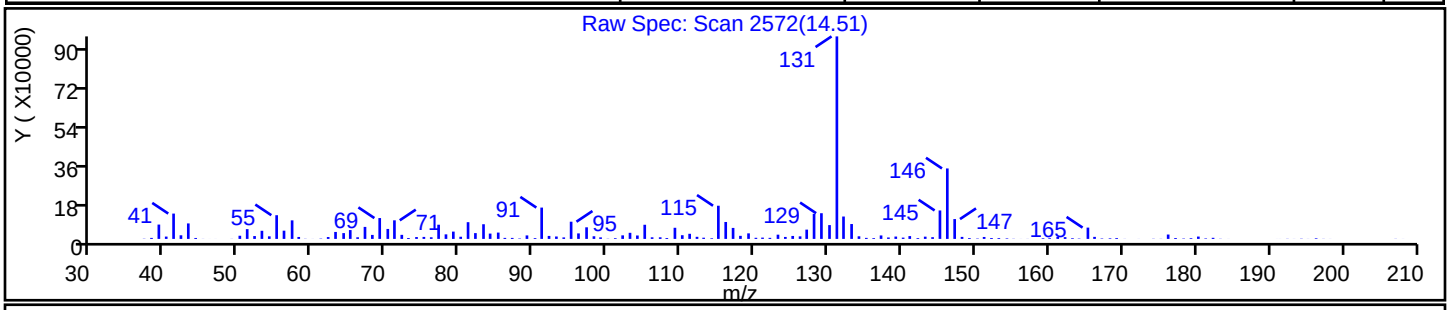
No Library Matches Found above the Threshold: 85

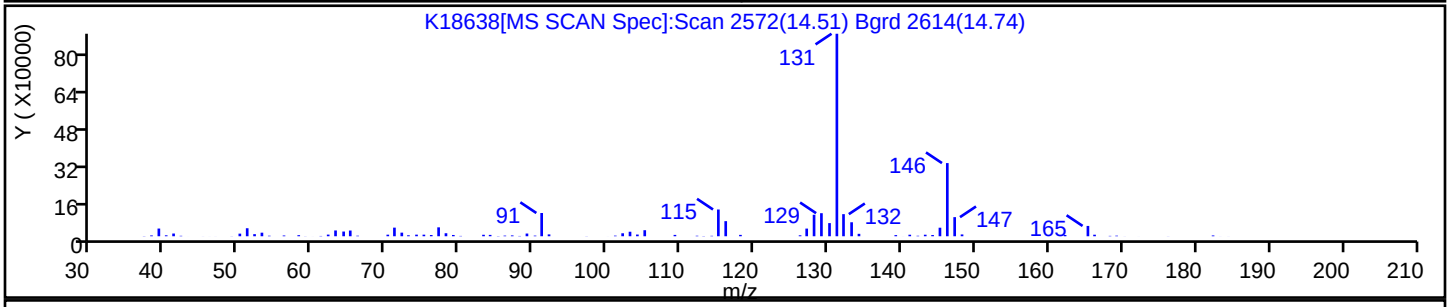


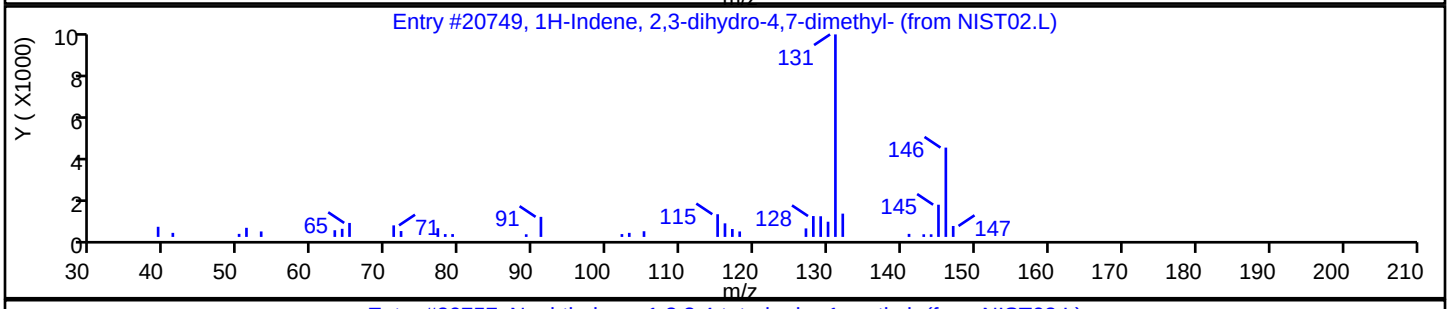
Eurofins TestAmerica, Edison

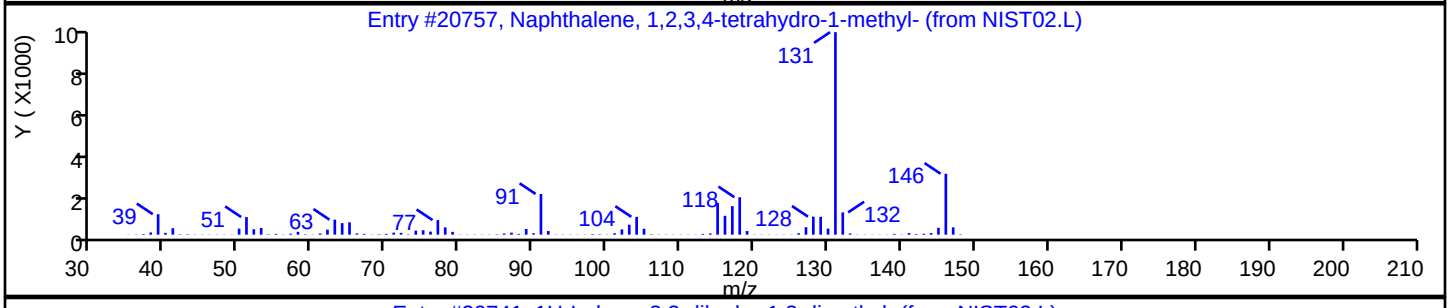
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D
Injection Date: 31-Aug-2020 09:37:30 Instrument ID: CVOAMS9
Lims ID: 460-217009-D-7-A Lab Sample ID: 460-217009-7
Client ID: SB-07_6-8_20200827
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

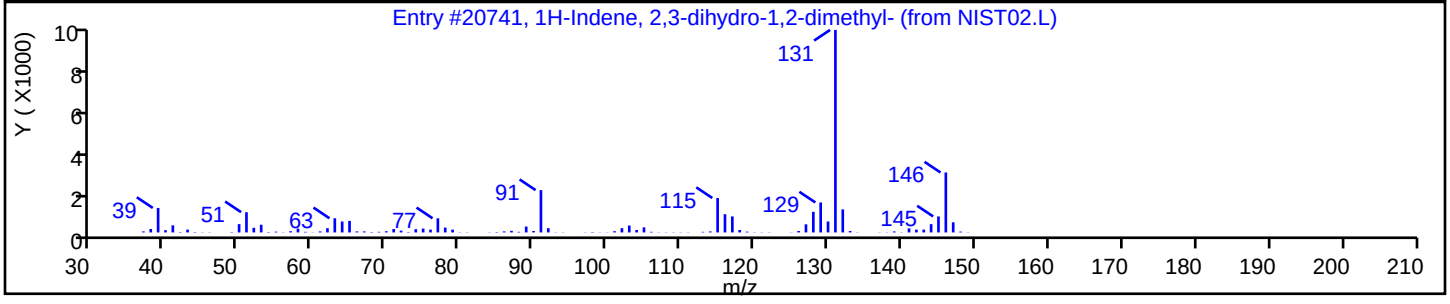
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	93
Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	1559-81-5	NIST02.L	20757	C11H14	146	90
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	C11H14	146	90









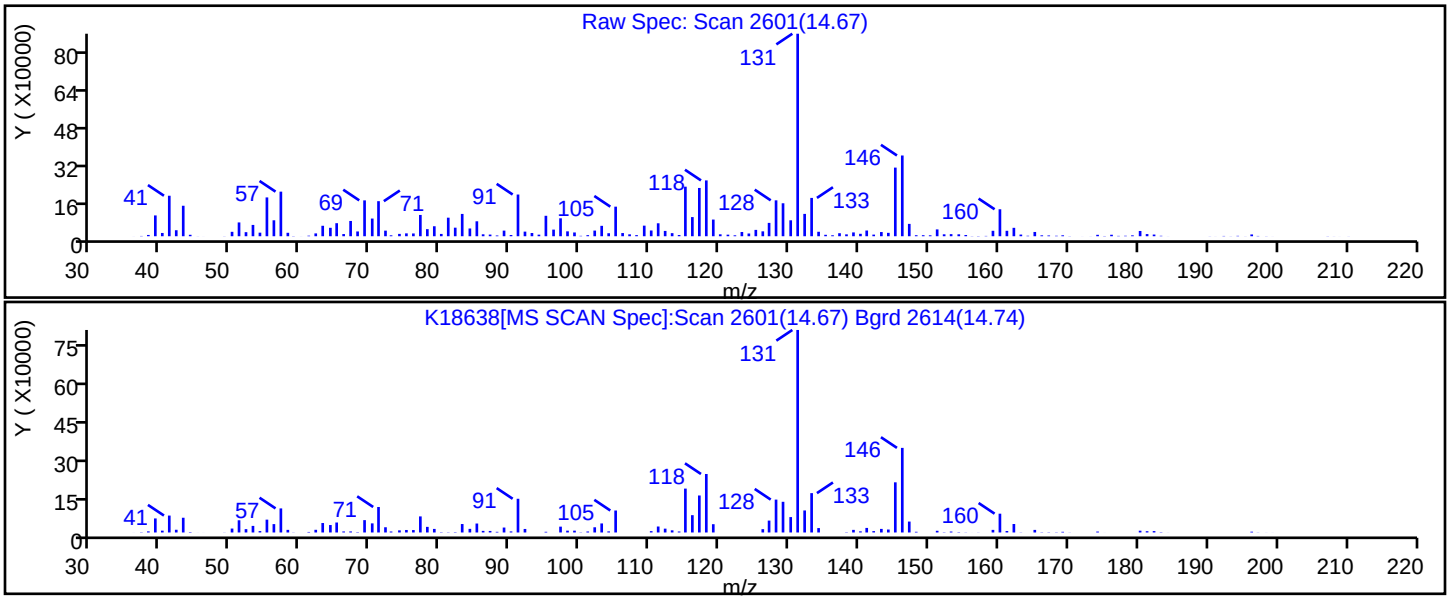


Report Date: 31-Aug-2020 16:55:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18638.D				
Injection Date:	31-Aug-2020 09:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_15-17_20200827 Lab Sample ID: 460-217009-8

Matrix: Solid Lab File ID: K18667.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:10

Sample wt/vol: 4.52(g) Date Analyzed: 09/01/2020 14:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.8 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00034	U	0.0011	0.00034
79-00-5	1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.00023	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.00025	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040
96-12-8	1,2-Dibromo-3-Chloropropane	0.00052	U	0.0011	0.00052
95-50-1	1,2-Dichlorobenzene	0.00016	U	0.0011	0.00016
107-06-2	1,2-Dichloroethane	0.00033	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.00048	U	0.0011	0.00048
541-73-1	1,3-Dichlorobenzene	0.00018	U	0.0011	0.00018
106-46-7	1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0031	U	0.0056	0.0031
591-78-6	2-Hexanone	0.0019	U	0.0056	0.0019
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0056	0.0018
67-64-1	Acetone	0.0064	U	0.0068	0.0064
71-43-2	Benzene	0.00029	U	0.0011	0.00029
75-25-2	Bromoform	0.00048	U	0.0011	0.00048
74-83-9	Bromomethane	0.00053	U	0.0011	0.00053
75-15-0	Carbon disulfide	0.00030	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.00044	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.00020	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.00032	U	0.0011	0.00032
124-48-1	Chlorodibromomethane	0.00022	U	0.0011	0.00022
75-00-3	Chloroethane	0.00059	U	0.0011	0.00059
67-66-3	Chloroform	0.00036	U	0.0011	0.00036
74-87-3	Chloromethane	0.00049	U	0.0011	0.00049
156-59-2	cis-1,2-Dichloroethene	0.00017	U	0.0011	0.00017
10061-01-5	cis-1,3-Dichloropropene	0.00031	U	0.0011	0.00031
110-82-7	Cyclohexane	0.00025	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.00029	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.00038	U	0.0011	0.00038
100-41-4	Ethylbenzene	0.00022	U	0.0011	0.00022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_15-17_20200827 Lab Sample ID: 460-217009-8

Matrix: Solid Lab File ID: K18667.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:10

Sample wt/vol: 4.52(g) Date Analyzed: 09/01/2020 14:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.8 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00020	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.00014	U	0.0011	0.00014
79-20-9	Methyl acetate	0.0048	U	0.0056	0.0048
1634-04-4	Methyl tert-butyl ether	0.00014	U	0.0011	0.00014
108-87-2	Methylcyclohexane	0.00056	U	0.0011	0.00056
75-09-2	Methylene Chloride	0.00052	U	0.0011	0.00052
179601-23-1	m-Xylene & p-Xylene	0.00020	U	0.0011	0.00020
95-47-6	o-Xylene	0.00022	U	0.0011	0.00022
100-42-5	Styrene	0.00031	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.00016	U	0.0011	0.00016
108-88-3	Toluene	0.00026	U	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.00028	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00016	U	0.0011	0.00016
75-69-4	Trichlorofluoromethane	0.00046	U	0.0011	0.00046
75-01-4	Vinyl chloride	0.00061	U	0.0011	0.00061
1330-20-7	Xylenes, Total	0.00020	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	113		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_15-17_20200827 Lab Sample ID: 460-217009-8

Matrix: Solid Lab File ID: K18667.D

Analysis Method: 8260C Date Collected: 08/27/2020 12:10

Sample wt/vol: 4.52(g) Date Analyzed: 09/01/2020 14:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.8 Level: (low/med) Low

Analysis Batch No.: 721040 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18667.D
Lims ID: 460-217009-D-8-A
Client ID: SB-07_15-17_20200827
Sample Type: Client
Inject. Date: 01-Sep-2020 14:03:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-8-A
Misc. Info.: 460-0116107-016
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:03:59 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 15:20:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.400	0.005	96	523733	1000.0	
* 42 2-Butanone-d5	46	3.300	3.289	0.011	95	354100	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	203385	56.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.064	0.005	0	212447	57.1	
* 66 Fluorobenzene	96	4.408	4.402	0.006	98	530982	50.0	
* 73 1,4-Dioxane-d8	96	5.166	5.155	0.011	99	44285	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	587677	51.3	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	88	362512	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	92	186695	54.5	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.817	0.006	96	224270	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

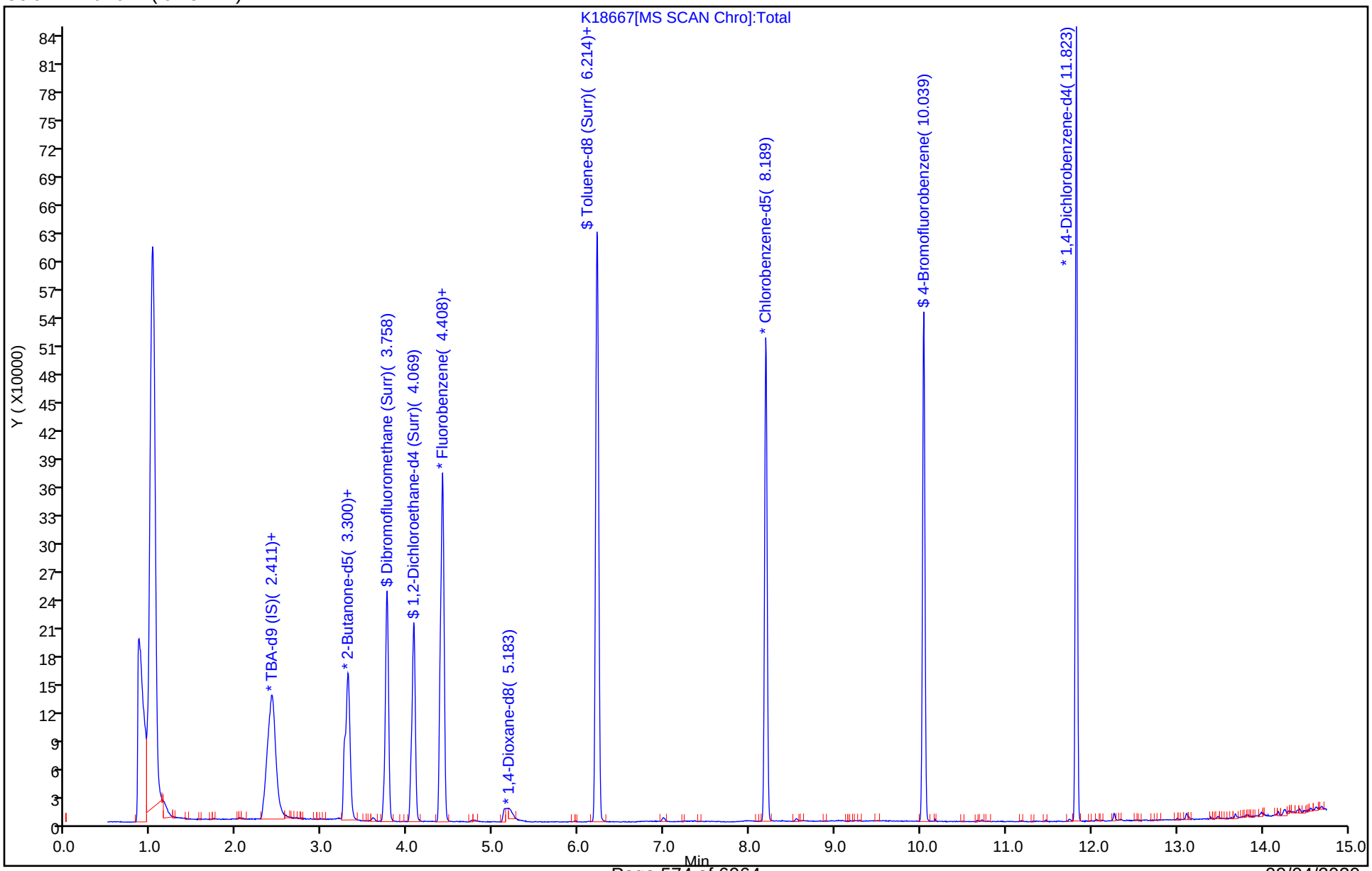
Report Date: 02-Sep-2020 13:04:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18667.D

Injection Date:	01-Sep-2020 14:03:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-D-8-A	Lab Sample ID:	460-217009-8	Worklist Smp#:	16
Client ID:	SB-07_15-17_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



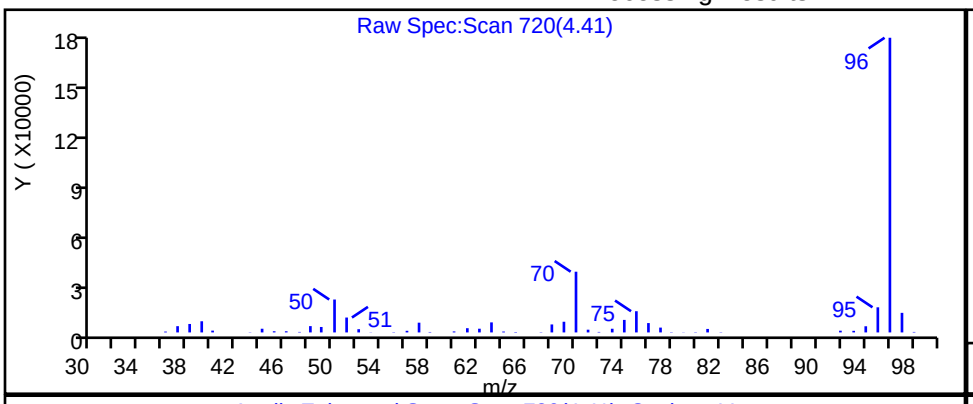
User Disabled Compound Report

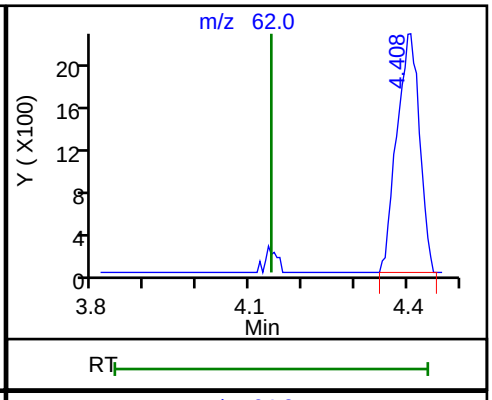
Eurofins TestAmerica, Edison

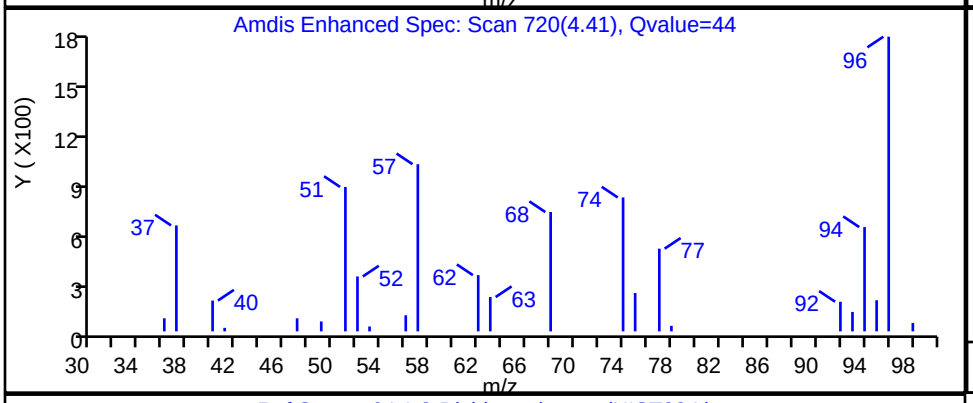
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18667.D		
Injection Date:	01-Sep-2020 14:03:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-8-A	Lab Sample ID:	460-217009-8
Client ID:	SB-07_15-17_20200827		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

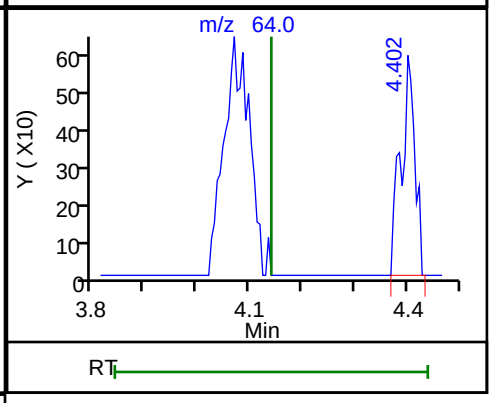
64 1,2-Dichloroethane, CAS: 107-06-2

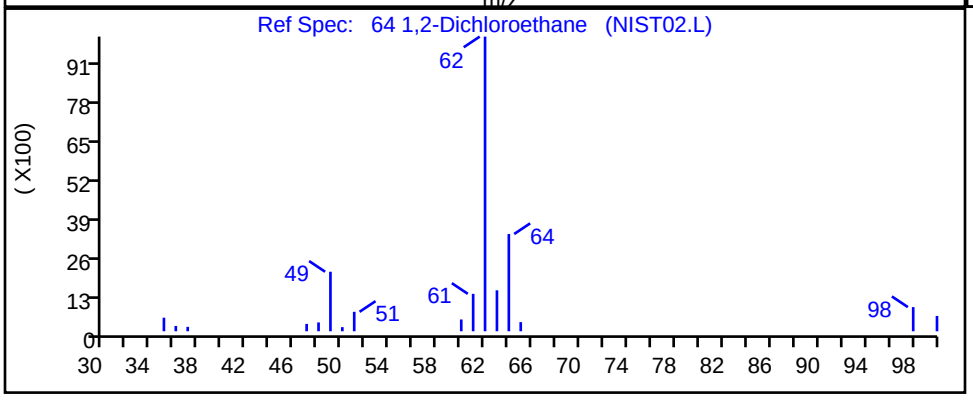
Processing Results











RT	Mass	Response	Amount
4.41	62.00	6752	1.431702
4.40	64.00	1111	

Reviewer: starzecm, 01-Sep-2020 15:17:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_3-5_20200827 Lab Sample ID: 460-217009-9

Matrix: Solid Lab File ID: K18666.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:45

Sample wt/vol: 4.95(g) Date Analyzed: 09/01/2020 13:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037
96-12-8	1,2-Dibromo-3-Chloropropane	0.00047	U	0.0010	0.00047
95-50-1	1,2-Dichlorobenzene	0.00015	U	0.0010	0.00015
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00044	U	0.0010	0.00044
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0028	U	0.0052	0.0028
591-78-6	2-Hexanone	0.0018	U	0.0052	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016
67-64-1	Acetone	0.0059	U	0.0062	0.0059
71-43-2	Benzene	0.00027	U	0.0010	0.00027
75-25-2	Bromoform	0.00044	U	0.0010	0.00044
74-83-9	Bromomethane	0.00049	U	0.0010	0.00049
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00040	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00029	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.00020	U	0.0010	0.00020
75-00-3	Chloroethane	0.00054	U	0.0010	0.00054
67-66-3	Chloroform	0.00033	U	0.0010	0.00033
74-87-3	Chloromethane	0.00045	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.00016	U	0.0010	0.00016
10061-01-5	cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
110-82-7	Cyclohexane	0.00023	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00035	U	0.0010	0.00035
100-41-4	Ethylbenzene	0.00021	U	0.0010	0.00021

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_3-5_20200827 Lab Sample ID: 460-217009-9

Matrix: Solid Lab File ID: K18666.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:45

Sample wt/vol: 4.95(g) Date Analyzed: 09/01/2020 13:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00019	U	0.0010	0.00019
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0044	U	0.0052	0.0044
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00051	U	0.0010	0.00051
75-09-2	Methylene Chloride	0.00048	U	0.0010	0.00048
179601-23-1	m-Xylene & p-Xylene	0.00018	U	0.0010	0.00018
95-47-6	o-Xylene	0.00020	U	0.0010	0.00020
100-42-5	Styrene	0.00029	U	0.0010	0.00029
127-18-4	Tetrachloroethene	0.00041	J	0.0010	0.00015
108-88-3	Toluene	0.00024	U	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00015	U	0.0010	0.00015
75-69-4	Trichlorofluoromethane	0.00042	U	0.0010	0.00042
75-01-4	Vinyl chloride	0.00056	U	0.0010	0.00056
1330-20-7	Xylenes, Total	0.00018	U	0.0021	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		77-145
460-00-4	4-Bromofluorobenzene	108		79-125
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_3-5_20200827 Lab Sample ID: 460-217009-9

Matrix: Solid Lab File ID: K18666.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:45

Sample wt/vol: 4.95(g) Date Analyzed: 09/01/2020 13:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 721040 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18666.D
Lims ID: 460-217009-D-9-A
Client ID: SB-06_3-5_20200827
Sample Type: Client
Inject. Date: 01-Sep-2020 13:40:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-9-A
Misc. Info.: 460-0116107-015
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:03:59 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 15:17:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.400	0.011	96	602399	1000.0	
* 42 2-Butanone-d5	46	3.300	3.289	0.011	95	400053	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.759	3.753	0.005	97	210361	55.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.070	4.064	0.006	0	228378	58.6	
* 66 Fluorobenzene	96	4.408	4.402	0.006	98	555490	50.0	
* 73 1,4-Dioxane-d8	96	5.177	5.155	0.022	99	49697	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	608575	50.5	
88 Tetrachloroethene	166	7.027	7.016	0.011	77	1238	0.3955	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	381524	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	93	194900	54.1	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.817	0.011	96	238469	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

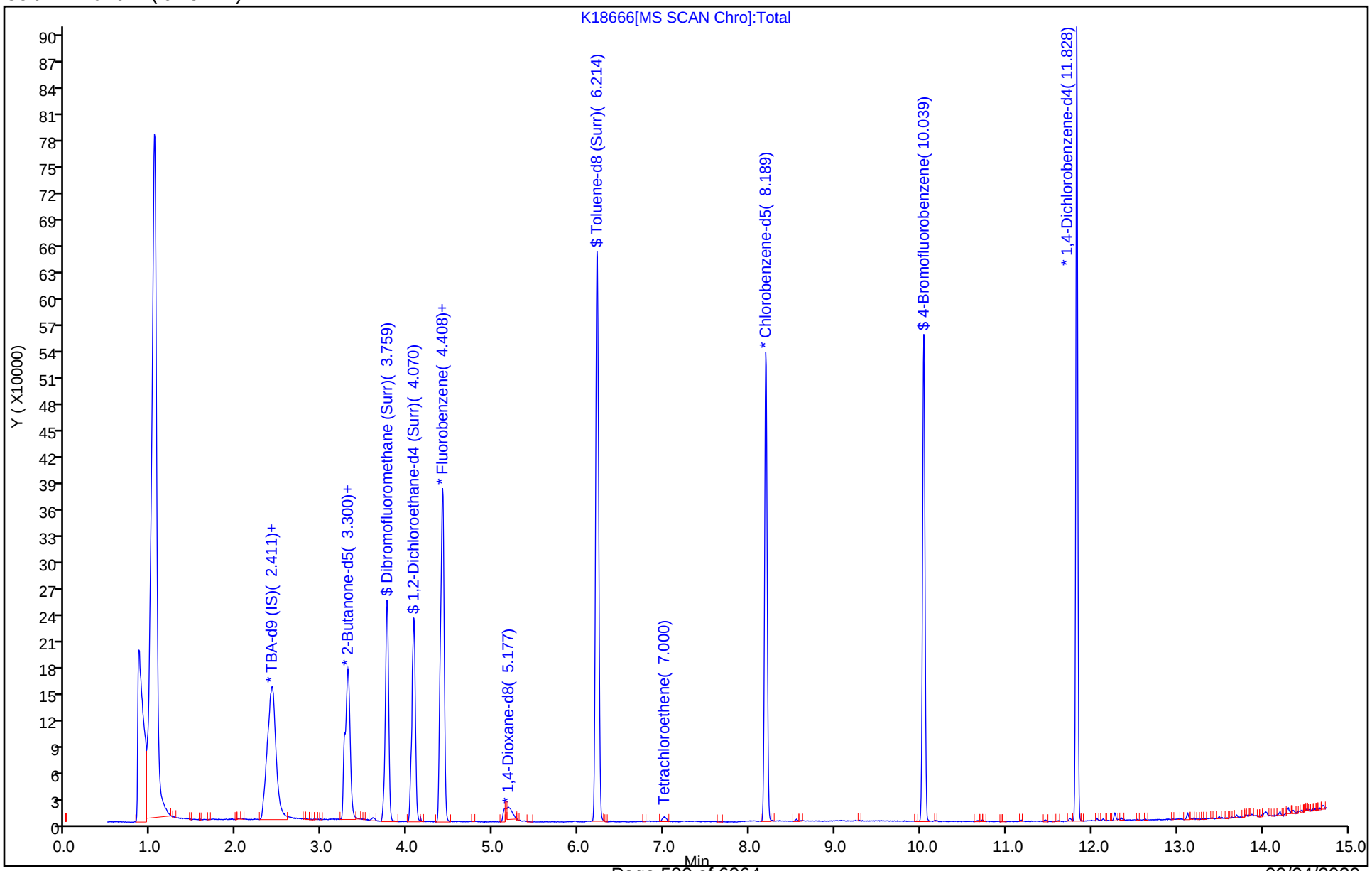
Report Date: 02-Sep-2020 13:04:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18666.D

Injection Date:	01-Sep-2020 13:40:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-D-9-A	Lab Sample ID:	460-217009-9	Worklist Smp#:	15
Client ID:	SB-06_3-5_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

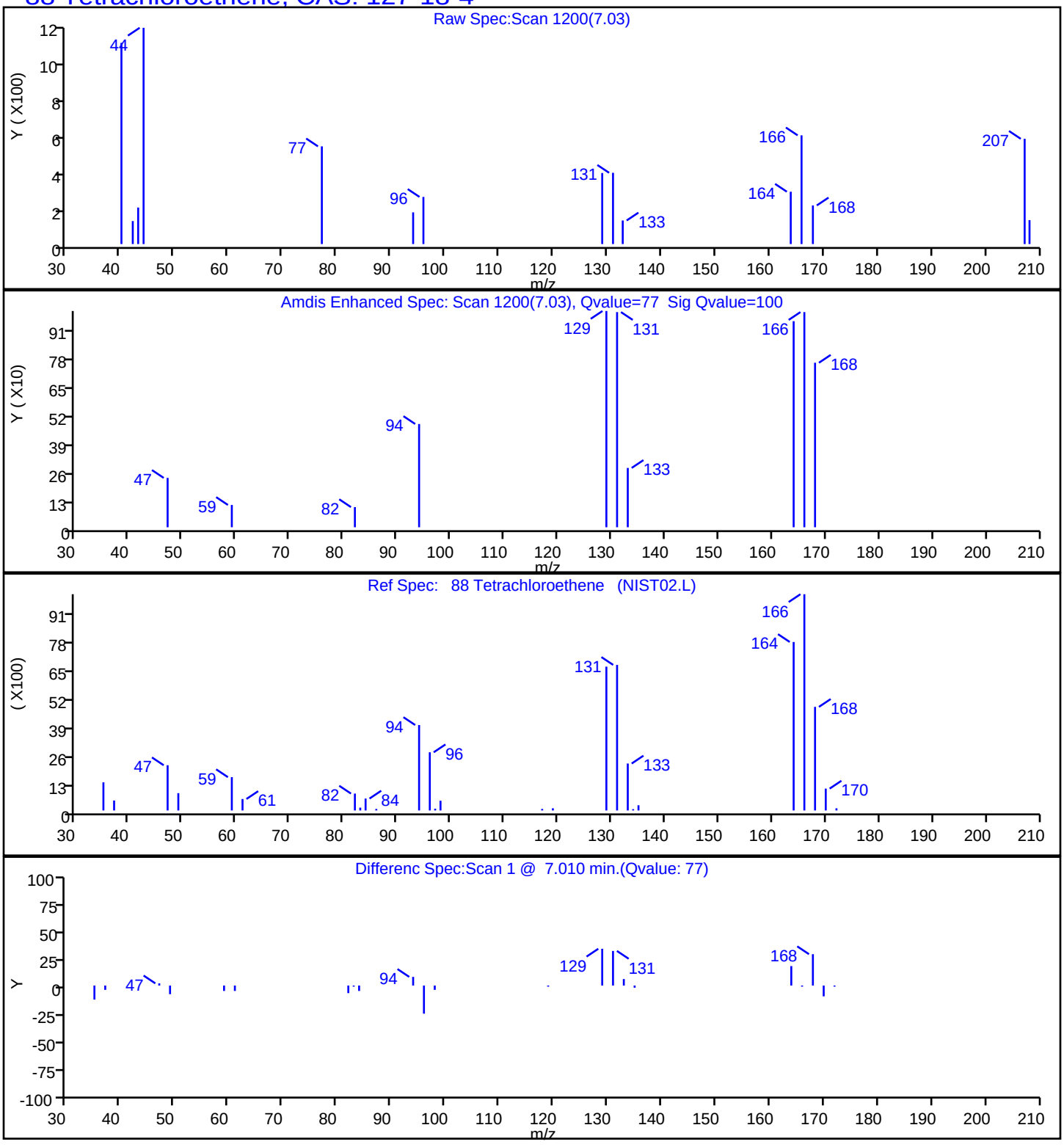
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18666.D		
Injection Date:	01-Sep-2020 13:40:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-9-A	Lab Sample ID:	460-217009-9
Client ID:	SB-06_3-5_20200827		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



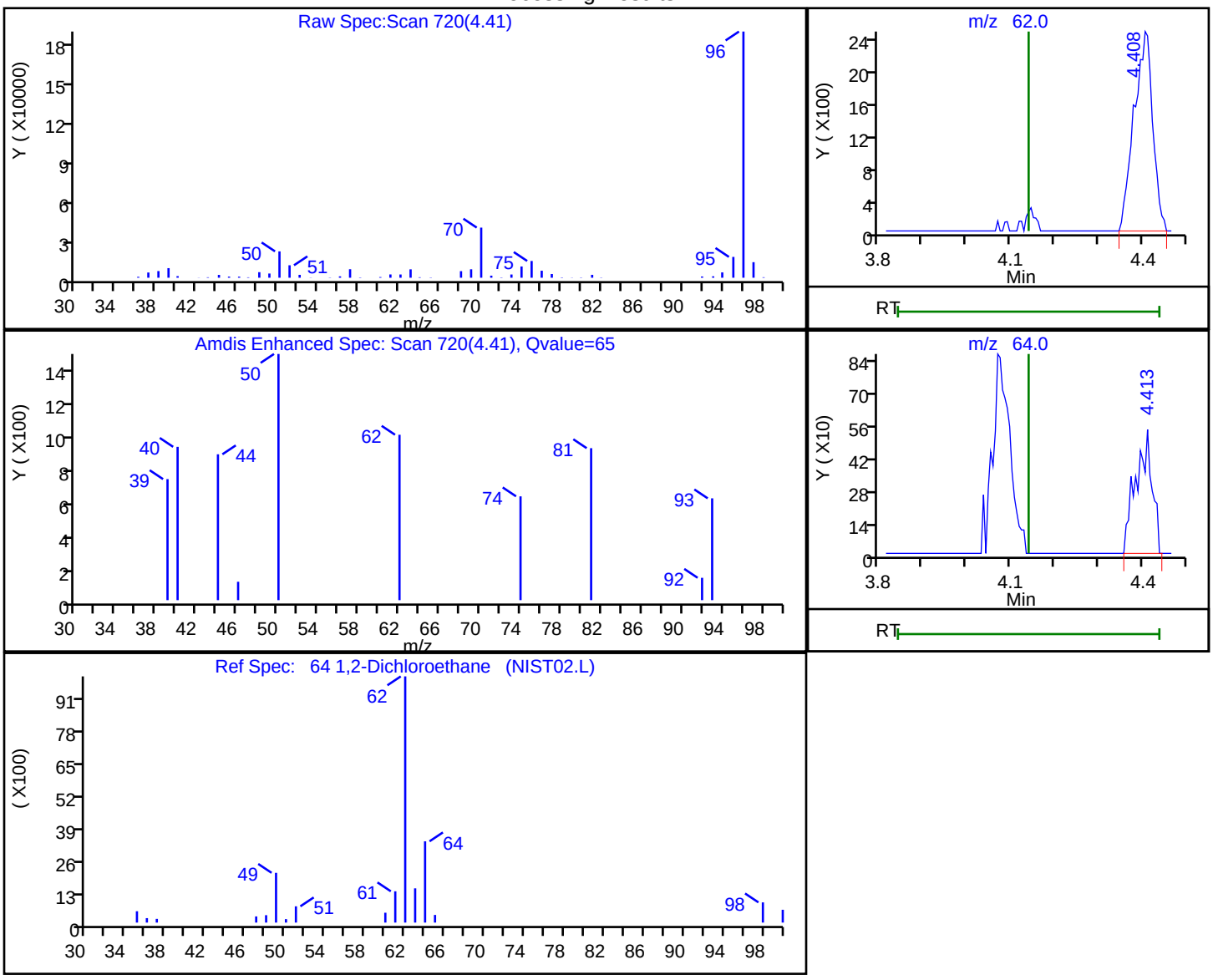
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18666.D				
Injection Date:	01-Sep-2020 13:40:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.41	62.00	7181	1.455488
4.41	64.00	1382	

Reviewer: starzecm, 01-Sep-2020 15:17:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_6-8_20200827 Lab Sample ID: 460-217009-10

Matrix: Solid Lab File ID: K18665.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:50

Sample wt/vol: 4.43(g) Date Analyzed: 09/01/2020 13:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00027	U	0.0011	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.00025	U	0.0011	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0011	0.00035
79-00-5	1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.00024	U	0.0011	0.00024
75-35-4	1,1-Dichloroethene	0.00026	U	0.0011	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.00021	U	0.0011	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.00041	U	0.0011	0.00041
96-12-8	1,2-Dibromo-3-Chloropropane	0.00053	U	0.0011	0.00053
95-50-1	1,2-Dichlorobenzene	0.00017	U	0.0011	0.00017
107-06-2	1,2-Dichloroethane	0.00034	U	0.0011	0.00034
78-87-5	1,2-Dichloropropane	0.00048	U	0.0011	0.00048
541-73-1	1,3-Dichlorobenzene	0.00018	U	0.0011	0.00018
106-46-7	1,4-Dichlorobenzene	0.00026	U	0.0011	0.00026
78-93-3	2-Butanone (MEK)	0.0031	U	0.0057	0.0031
591-78-6	2-Hexanone	0.0020	U	0.0057	0.0020
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0057	0.0018
67-64-1	Acetone	0.0066	U	0.0069	0.0066
71-43-2	Benzene	0.00030	U	0.0011	0.00030
75-25-2	Bromoform	0.00049	U	0.0011	0.00049
74-83-9	Bromomethane	0.00054	U	0.0011	0.00054
75-15-0	Carbon disulfide	0.00030	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.00044	U	0.0011	0.00044
108-90-7	Chlorobenzene	0.00020	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.00032	U	0.0011	0.00032
124-48-1	Chlorodibromomethane	0.00022	U	0.0011	0.00022
75-00-3	Chloroethane	0.00060	U	0.0011	0.00060
67-66-3	Chloroform	0.00037	U	0.0011	0.00037
74-87-3	Chloromethane	0.00050	U	0.0011	0.00050
156-59-2	cis-1,2-Dichloroethene	0.00017	U	0.0011	0.00017
10061-01-5	cis-1,3-Dichloropropene	0.00031	U	0.0011	0.00031
110-82-7	Cyclohexane	0.00025	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.00029	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.00039	U	0.0011	0.00039
100-41-4	Ethylbenzene	0.00023	U	0.0011	0.00023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_6-8_20200827 Lab Sample ID: 460-217009-10

Matrix: Solid Lab File ID: K18665.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:50

Sample wt/vol: 4.43(g) Date Analyzed: 09/01/2020 13:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00021	U	0.0011	0.00021
98-82-8	Isopropylbenzene	0.00014	U	0.0011	0.00014
79-20-9	Methyl acetate	0.0049	U	0.0057	0.0049
1634-04-4	Methyl tert-butyl ether	0.00014	U	0.0011	0.00014
108-87-2	Methylcyclohexane	0.00057	U	0.0011	0.00057
75-09-2	Methylene Chloride	0.00053	U	0.0011	0.00053
179601-23-1	m-Xylene & p-Xylene	0.00020	U	0.0011	0.00020
95-47-6	o-Xylene	0.00022	U	0.0011	0.00022
100-42-5	Styrene	0.00032	U	0.0011	0.00032
127-18-4	Tetrachloroethene	0.00016	U	0.0011	0.00016
108-88-3	Toluene	0.00027	U	0.0011	0.00027
156-60-5	trans-1,2-Dichloroethene	0.00028	U	0.0011	0.00028
10061-02-6	trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00017	U	0.0011	0.00017
75-69-4	Trichlorofluoromethane	0.00047	U	0.0011	0.00047
75-01-4	Vinyl chloride	0.00063	U	0.0011	0.00063
1330-20-7	Xylenes, Total	0.00020	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	112		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_6-8_20200827 Lab Sample ID: 460-217009-10

Matrix: Solid Lab File ID: K18665.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:50

Sample wt/vol: 4.43(g) Date Analyzed: 09/01/2020 13:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18665.D
Lims ID: 460-217009-D-10-A
Client ID: SB-06_6-8_20200827
Sample Type: Client
Inject. Date: 01-Sep-2020 13:16:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-10-A
Misc. Info.: 460-0116107-014
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:03:59 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 15:17:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.416	2.400	0.016	95	634363	1000.0	
* 42 2-Butanone-d5	46	3.305	3.289	0.016	95	403235	250.0	M
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	206568	56.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.064	0.011	0	215724	56.7	
* 66 Fluorobenzene	96	4.413	4.402	0.011	98	542084	50.0	
* 73 1,4-Dioxane-d8	96	5.171	5.155	0.016	99	50194	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	593684	49.3	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	381267	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	93	191742	53.3	
* 121 1,4-Dichlorobenzene-d4	152	11.839	11.817	0.022	96	245179	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

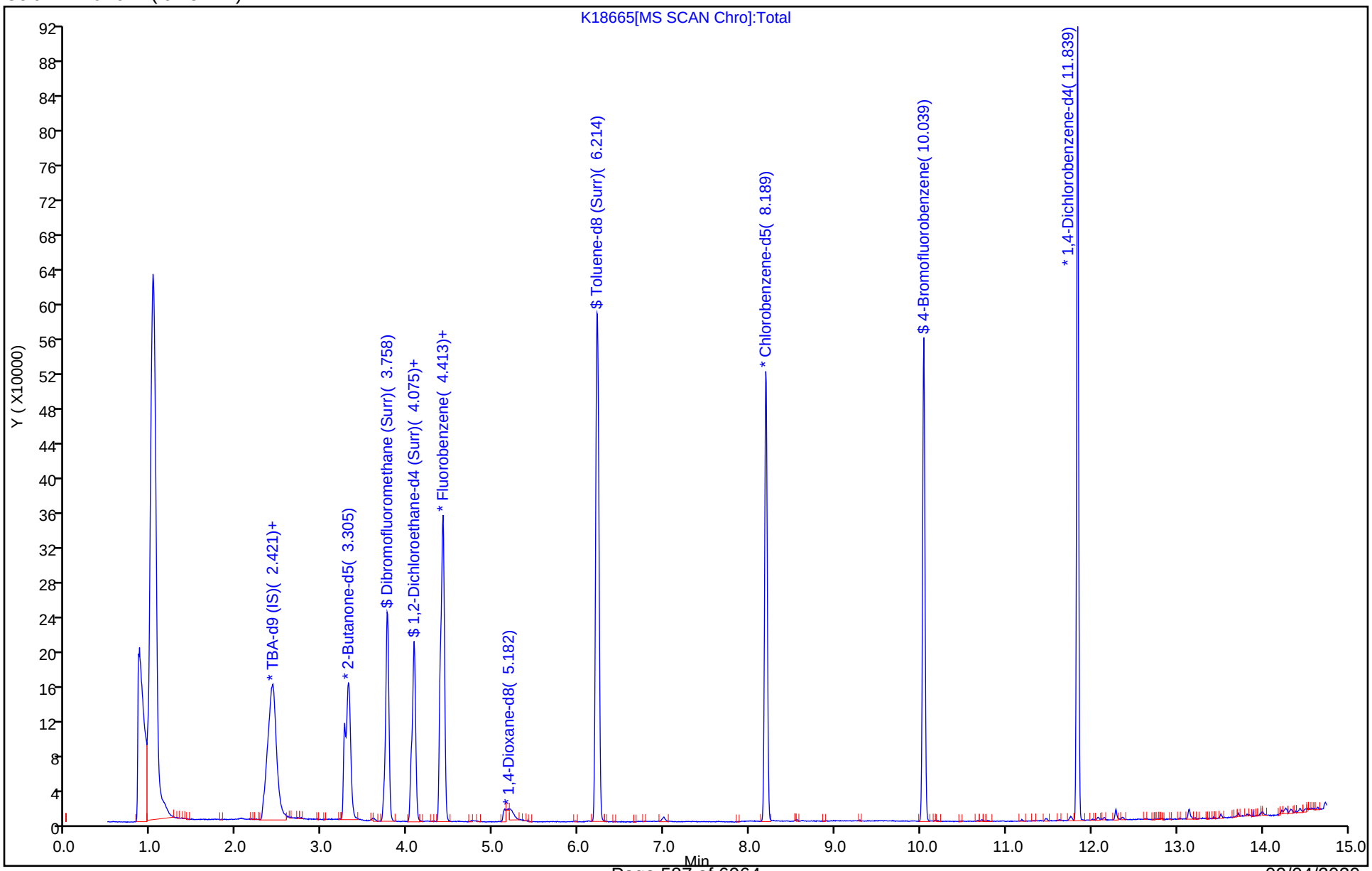
Report Date: 02-Sep-2020 13:03:59 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18665.D

Injection Date:	01-Sep-2020 13:16:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-D-10-A	Lab Sample ID:	460-217009-10	Worklist Smp#:	14
Client ID:	SB-06_6-8_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



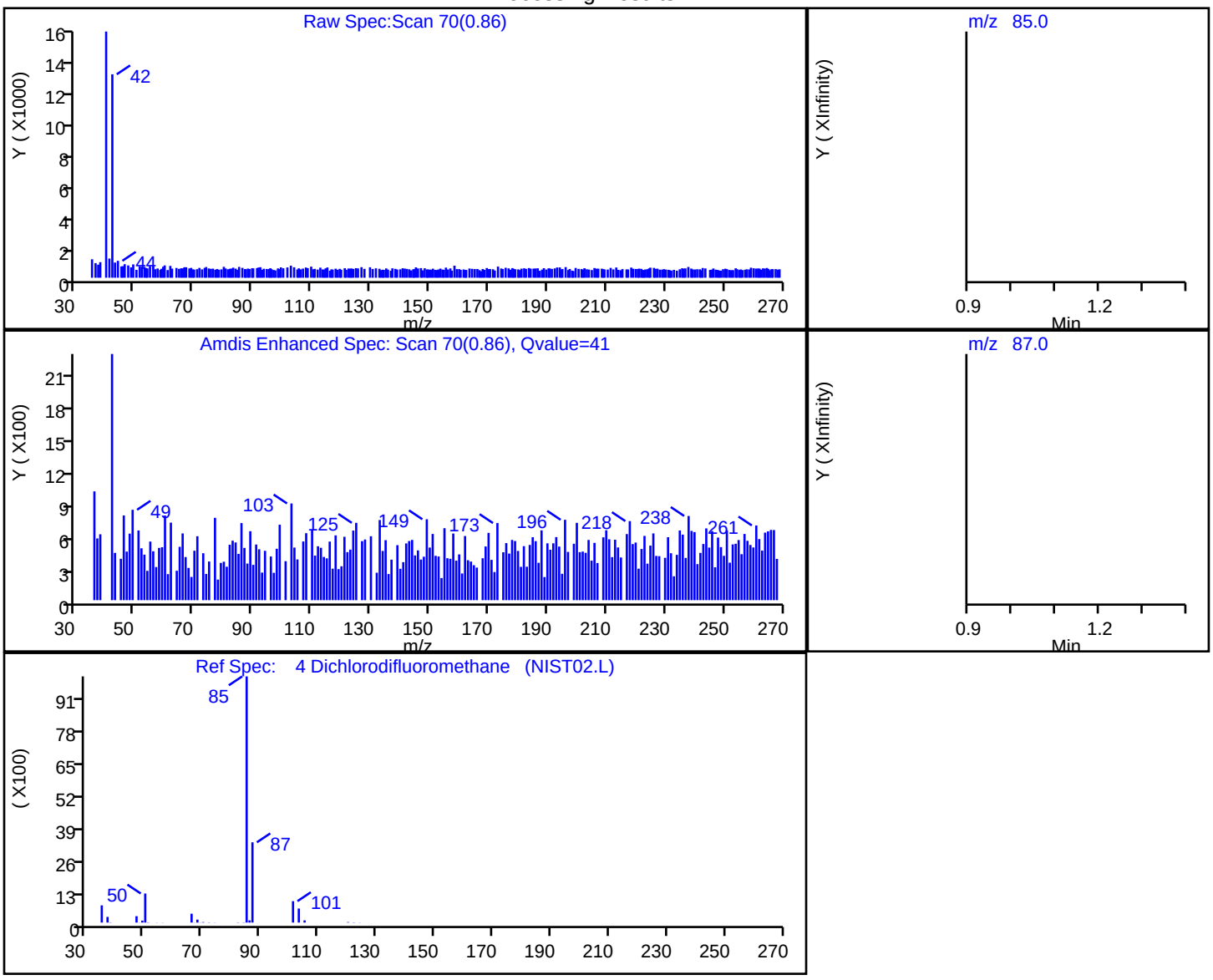
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18665.D				
Injection Date:	01-Sep-2020 13:16:30	Instrument ID:	CVOAMS9		
Lims ID:	460-217009-D-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.86	85.00	2140	0.390100
0.87	87.00	3111	

Reviewer: starzecm, 01-Sep-2020 15:16:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

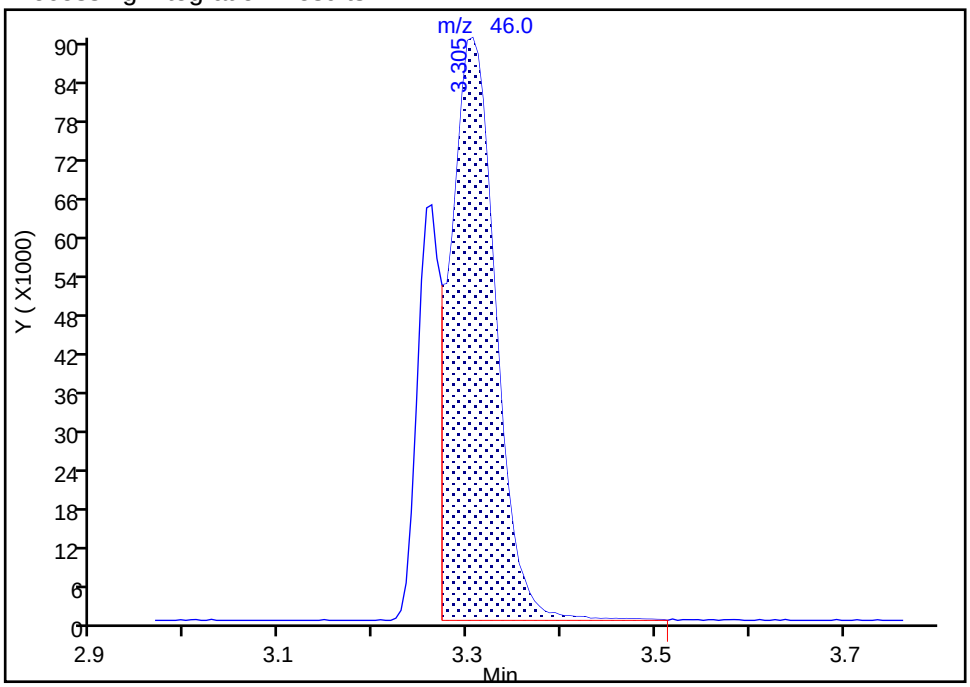
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18665.D		
Injection Date:	01-Sep-2020 13:16:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-10-A	Lab Sample ID:	460-217009-10
Client ID:	SB-06_6-8_20200827		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

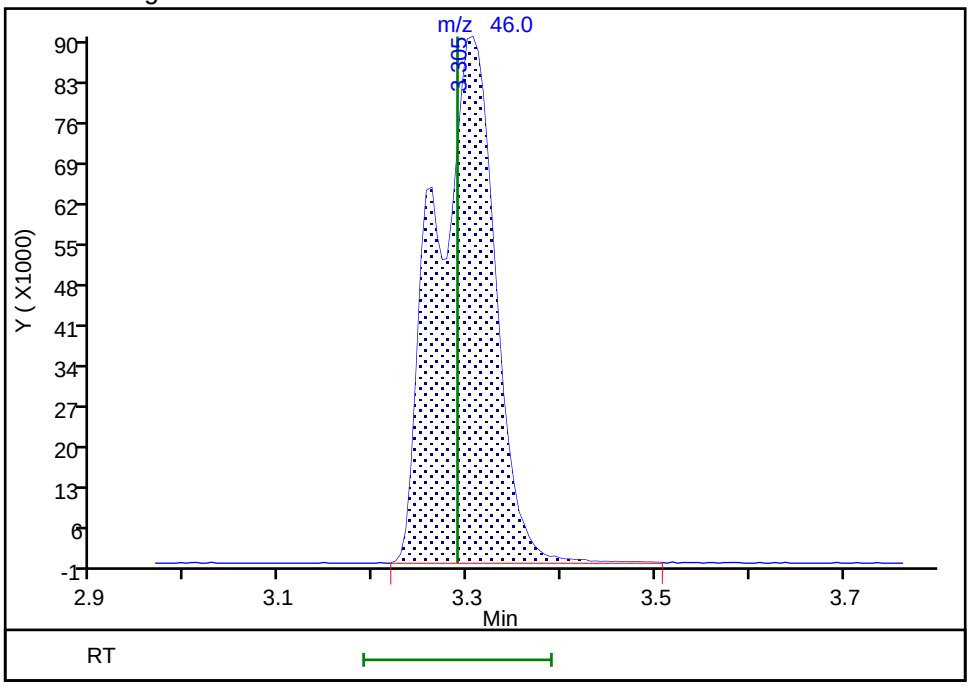
Processing Integration Results

RT: 3.31
Area: 306079
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 403235
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 13:03:35

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_17-19_20200827 Lab Sample ID: 460-217009-11

Matrix: Solid Lab File ID: K18664.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:55

Sample wt/vol: 4.39(g) Date Analyzed: 09/01/2020 12:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035
79-00-5	1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.00024	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.00026	U	0.0012	0.00026
87-61-6	1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.00042	U	0.0012	0.00042
96-12-8	1,2-Dibromo-3-Chloropropane	0.00054	U	0.0012	0.00054
95-50-1	1,2-Dichlorobenzene	0.00017	U	0.0012	0.00017
107-06-2	1,2-Dichloroethane	0.00035	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.00049	U	0.0012	0.00049
541-73-1	1,3-Dichlorobenzene	0.00019	U	0.0012	0.00019
106-46-7	1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026
78-93-3	2-Butanone (MEK)	0.0032	U	0.0058	0.0032
591-78-6	2-Hexanone	0.0020	U	0.0058	0.0020
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0058	0.0018
67-64-1	Acetone	0.0067	U	0.0070	0.0067
71-43-2	Benzene	0.00030	U	0.0012	0.00030
75-25-2	Bromoform	0.00050	U	0.0012	0.00050
74-83-9	Bromomethane	0.00055	U	0.0012	0.00055
75-15-0	Carbon disulfide	0.00031	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.00045	U	0.0012	0.00045
108-90-7	Chlorobenzene	0.00021	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.00033	U	0.0012	0.00033
124-48-1	Chlorodibromomethane	0.00023	U	0.0012	0.00023
75-00-3	Chloroethane	0.00061	U	0.0012	0.00061
67-66-3	Chloroform	0.00037	U	0.0012	0.00037
74-87-3	Chloromethane	0.00051	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.00018	U	0.0012	0.00018
10061-01-5	cis-1,3-Dichloropropene	0.00032	U	0.0012	0.00032
110-82-7	Cyclohexane	0.00026	U	0.0012	0.00026
75-27-4	Dichlorobromomethane	0.00030	U	0.0012	0.00030
75-71-8	Dichlorodifluoromethane	0.00039	U	0.0012	0.00039
100-41-4	Ethylbenzene	0.00023	U	0.0012	0.00023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_17-19_20200827 Lab Sample ID: 460-217009-11

Matrix: Solid Lab File ID: K18664.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:55

Sample wt/vol: 4.39(g) Date Analyzed: 09/01/2020 12:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00021	U	0.0012	0.00021
98-82-8	Isopropylbenzene	0.00015	U	0.0012	0.00015
79-20-9	Methyl acetate	0.0050	U	0.0058	0.0050
1634-04-4	Methyl tert-butyl ether	0.00015	U	0.0012	0.00015
108-87-2	Methylcyclohexane	0.00058	U	0.0012	0.00058
75-09-2	Methylene Chloride	0.00054	U	0.0012	0.00054
179601-23-1	m-Xylene & p-Xylene	0.00020	U	0.0012	0.00020
95-47-6	o-Xylene	0.00023	U	0.0012	0.00023
100-42-5	Styrene	0.00032	U	0.0012	0.00032
127-18-4	Tetrachloroethene	0.00017	U	0.0012	0.00017
108-88-3	Toluene	0.00027	U	0.0012	0.00027
156-60-5	trans-1,2-Dichloroethene	0.00029	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031
79-01-6	Trichloroethene	0.00017	U	0.0012	0.00017
75-69-4	Trichlorofluoromethane	0.00047	U	0.0012	0.00047
75-01-4	Vinyl chloride	0.00064	U	0.0012	0.00064
1330-20-7	Xylenes, Total	0.00020	U	0.0023	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_17-19_20200827 Lab Sample ID: 460-217009-11

Matrix: Solid Lab File ID: K18664.D

Analysis Method: 8260C Date Collected: 08/27/2020 13:55

Sample wt/vol: 4.39(g) Date Analyzed: 09/01/2020 12:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.5 Level: (low/med) Low

Analysis Batch No.: 721040 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18664.D
Lims ID: 460-217009-D-11-A
Client ID: SB-06_17-19_20200827
Sample Type: Client
Inject. Date: 01-Sep-2020 12:53:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217009-D-11-A
Misc. Info.: 460-0116107-013
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:03:24 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 15:14:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.422	2.400	0.022	96	619655	1000.0	
* 42 2-Butanone-d5	46	3.311	3.289	0.022	96	399567	250.0	M
$ 55 Dibromofluoromethane (Surr)	113	3.764	3.753	0.011	97	212890	55.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.080	4.064	0.016	0	224272	56.9	
* 66 Fluorobenzene	96	4.419	4.402	0.017	99	561713	50.0	
* 73 1,4-Dioxane-d8	96	5.188	5.155	0.033	99	49687	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.214	0.005	99	628951	49.9	
* 94 Chlorobenzene-d5	117	8.194	8.189	0.005	87	398906	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	205087	54.4	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.817	0.006	96	245267	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

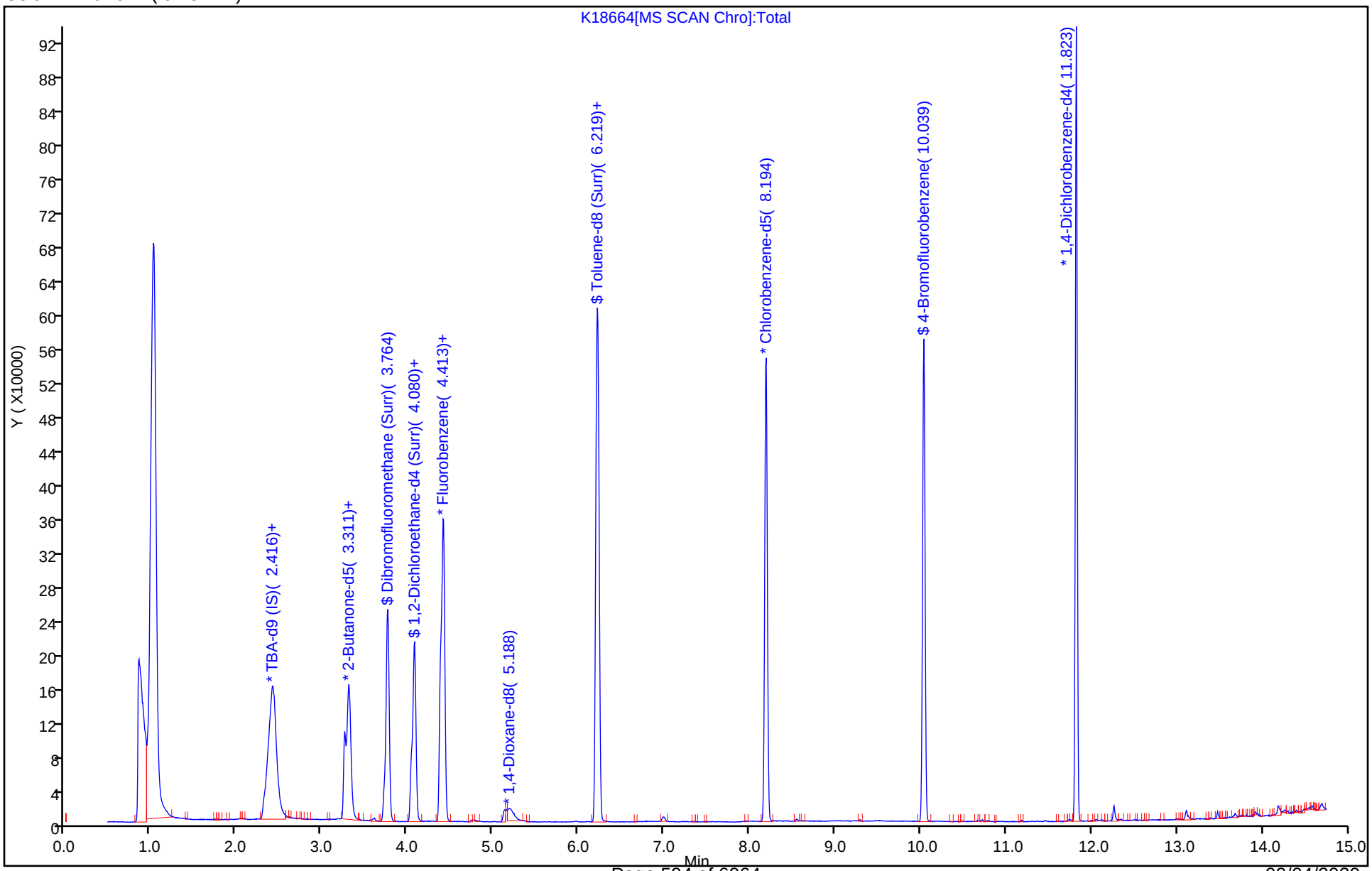
Report Date: 02-Sep-2020 13:03:25 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18664.D

Injection Date:	01-Sep-2020 12:53:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-217009-D-11-A	Lab Sample ID:	460-217009-11	Worklist Smp#:	13
Client ID:	SB-06_17-19_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



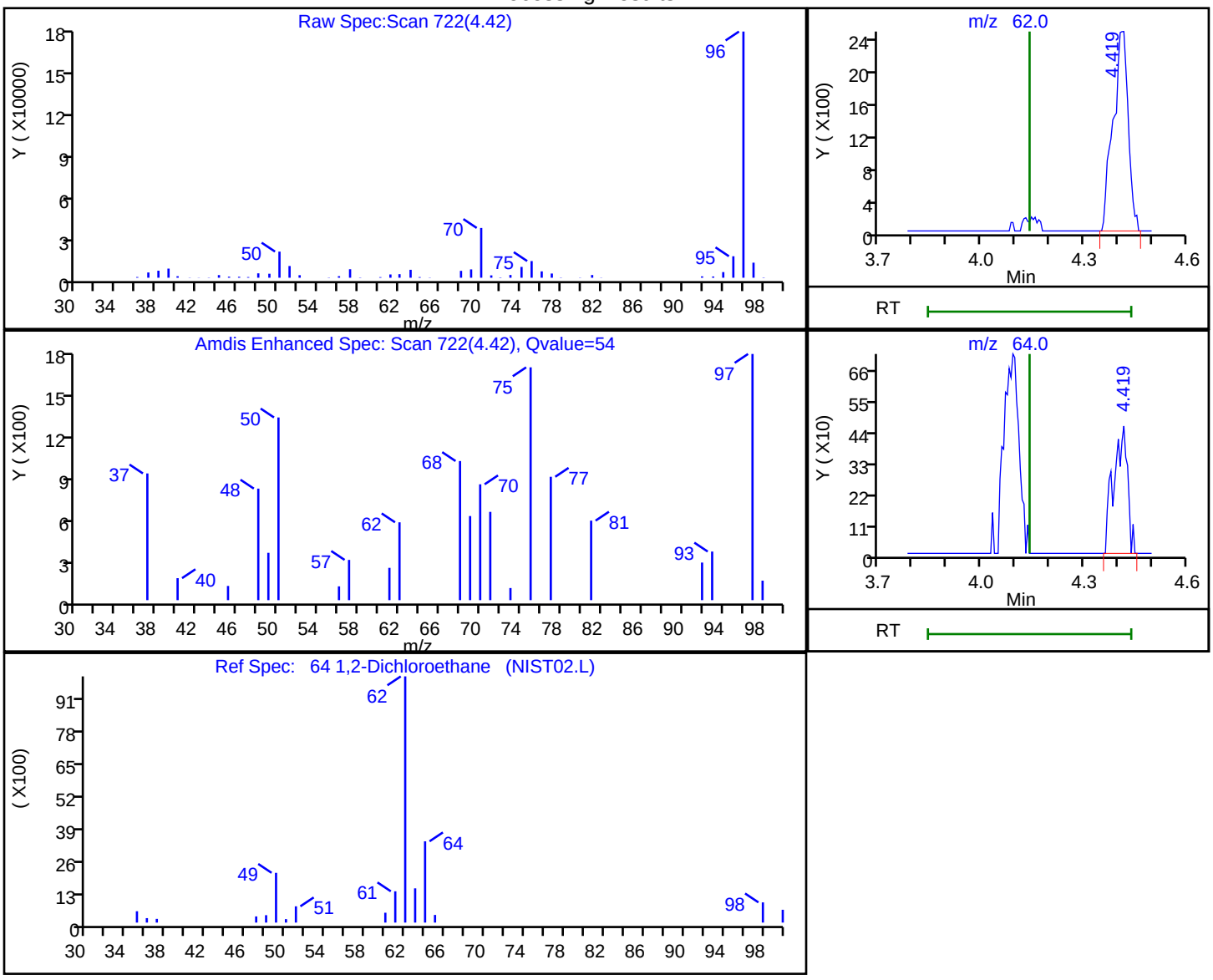
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18664.D		
Injection Date:	01-Sep-2020 12:53:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-11-A	Lab Sample ID:	460-217009-11
Client ID:	SB-06_17-19_20200827		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.42	62.00	7717	1.546799
4.42	64.00	1300	

Reviewer: starzecm, 01-Sep-2020 15:08:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

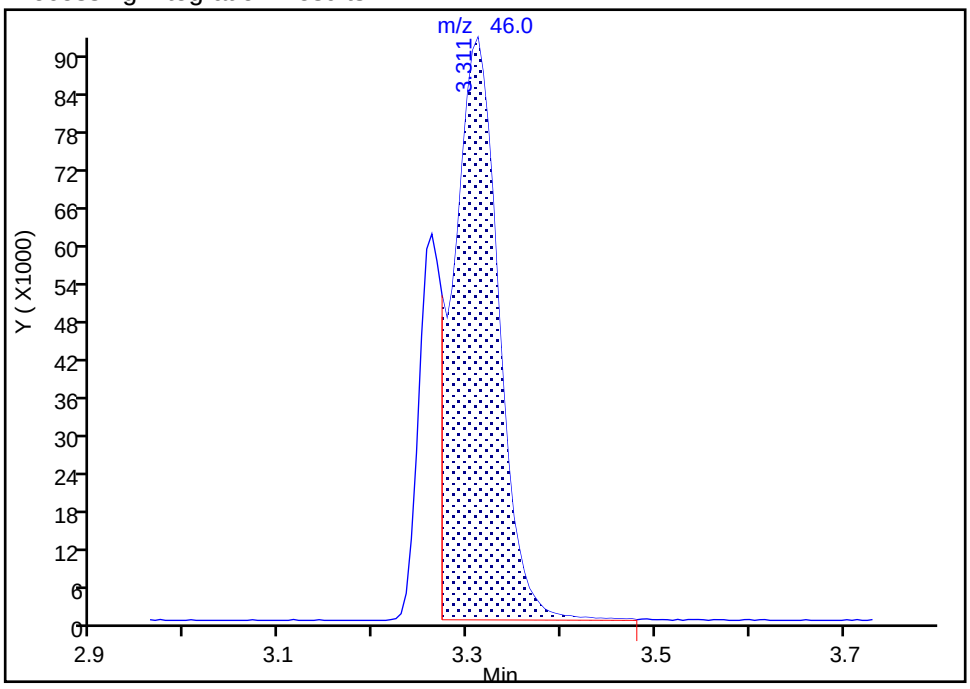
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18664.D		
Injection Date:	01-Sep-2020 12:53:30	Instrument ID:	CVOAMS9
Lims ID:	460-217009-D-11-A	Lab Sample ID:	460-217009-11
Client ID:	SB-06_17-19_20200827		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

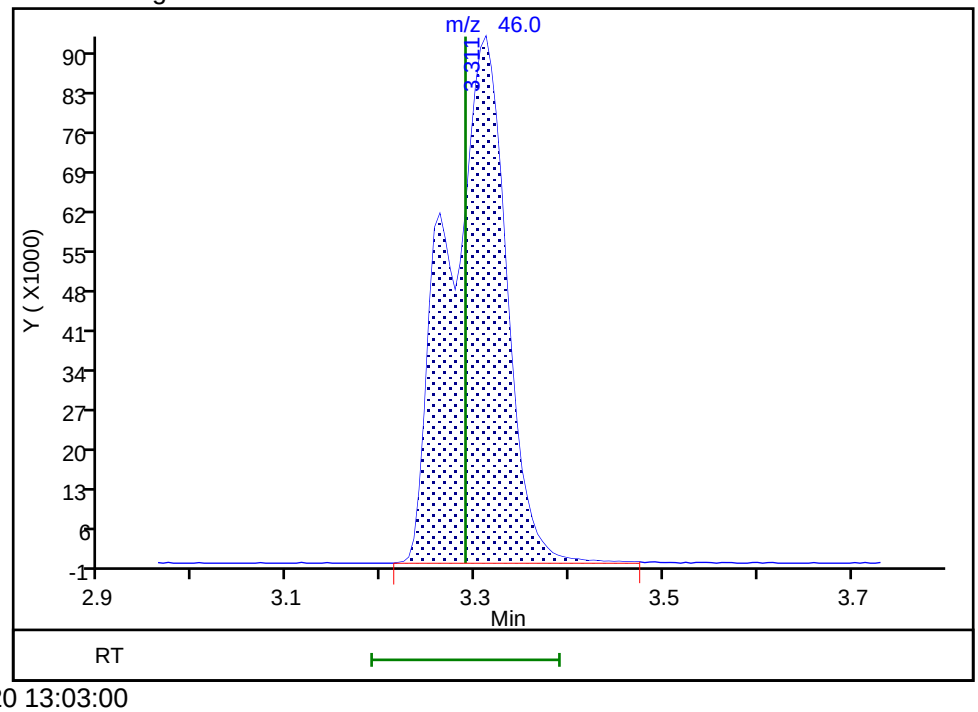
Processing Integration Results

RT: 3.31
Area: 311463
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 399567
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 13:03:00

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 Lab Sample ID: 460-217095-1

Matrix: Solid Lab File ID: D71899.D

Analysis Method: 8260C Date Collected: 08/28/2020 07:40

Sample wt/vol: 5.01(g) Date Analyzed: 08/31/2020 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026
79-34-5	1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U	0.0011	0.00033
79-00-5	1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020
75-34-3	1,1-Dichloroethane	0.00023	U	0.0011	0.00023
75-35-4	1,1-Dichloroethene	0.00025	U	0.0011	0.00025
87-61-6	1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020
120-82-1	1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040
96-12-8	1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051
95-50-1	1,2-Dichlorobenzene	0.00016	U	0.0011	0.00016
107-06-2	1,2-Dichloroethane	0.00033	U	0.0011	0.00033
78-87-5	1,2-Dichloropropane	0.00047	U	0.0011	0.00047
541-73-1	1,3-Dichlorobenzene	0.00018	U	0.0011	0.00018
106-46-7	1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025
78-93-3	2-Butanone (MEK)	0.0030	U	0.0056	0.0030
591-78-6	2-Hexanone	0.0019	U	0.0056	0.0019
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0056	0.0017
67-64-1	Acetone	0.0064	U	0.0067	0.0064
71-43-2	Benzene	0.00029	U	0.0011	0.00029
75-25-2	Bromoform	0.00047	U	0.0011	0.00047
74-83-9	Bromomethane	0.00053	U *	0.0011	0.00053
75-15-0	Carbon disulfide	0.00030	U	0.0011	0.00030
56-23-5	Carbon tetrachloride	0.00043	U	0.0011	0.00043
108-90-7	Chlorobenzene	0.00020	U	0.0011	0.00020
74-97-5	Chlorobromomethane	0.00031	U	0.0011	0.00031
124-48-1	Chlorodibromomethane	0.00022	U	0.0011	0.00022
75-00-3	Chloroethane	0.00058	U	0.0011	0.00058
67-66-3	Chloroform	0.00035	U	0.0011	0.00035
74-87-3	Chloromethane	0.00048	U	0.0011	0.00048
156-59-2	cis-1,2-Dichloroethene	0.00017	U	0.0011	0.00017
10061-01-5	cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
110-82-7	Cyclohexane	0.00025	U	0.0011	0.00025
75-27-4	Dichlorobromomethane	0.00029	U	0.0011	0.00029
75-71-8	Dichlorodifluoromethane	0.00038	U	0.0011	0.00038
100-41-4	Ethylbenzene	0.00022	U	0.0011	0.00022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 Lab Sample ID: 460-217095-1

Matrix: Solid Lab File ID: D71899.D

Analysis Method: 8260C Date Collected: 08/28/2020 07:40

Sample wt/vol: 5.01(g) Date Analyzed: 08/31/2020 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00020	U	0.0011	0.00020
98-82-8	Isopropylbenzene	0.00014	U	0.0011	0.00014
79-20-9	Methyl acetate	0.0048	U	0.0056	0.0048
1634-04-4	Methyl tert-butyl ether	0.00014	U	0.0011	0.00014
108-87-2	Methylcyclohexane	0.00056	U	0.0011	0.00056
75-09-2	Methylene Chloride	0.00052	U	0.0011	0.00052
179601-23-1	m-Xylene & p-Xylene	0.00019	U	0.0011	0.00019
95-47-6	o-Xylene	0.00022	U	0.0011	0.00022
100-42-5	Styrene	0.00031	U	0.0011	0.00031
127-18-4	Tetrachloroethene	0.0020		0.0011	0.00016
108-88-3	Toluene	0.00026	U	0.0011	0.00026
156-60-5	trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00016	U	0.0011	0.00016
75-69-4	Trichlorofluoromethane	0.00045	U	0.0011	0.00045
75-01-4	Vinyl chloride	0.00061	U	0.0011	0.00061
1330-20-7	Xylenes, Total	0.00019	U	0.0022	0.00019

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	109		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 Lab Sample ID: 460-217095-1

Matrix: Solid Lab File ID: D71899.D

Analysis Method: 8260C Date Collected: 08/28/2020 07:40

Sample wt/vol: 5.01(g) Date Analyzed: 08/31/2020 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 Level: (low/med) Low

Analysis Batch No.: 720741 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71899.D
Lims ID: 460-217095-B-1-A
Client ID: SB-12_0-2_20200828
Sample Type: Client
Inject. Date: 31-Aug-2020 13:00:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217095-B-1-A
Misc. Info.: 460-0116029-020
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 14:00:48 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 19:08:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.376	-0.007	0	208655	1000.0	
* 42 2-Butanone-d5	46	4.650	4.656	-0.006	36	202597	250.0	a
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	96	160178	53.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	97	145033	49.9	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	486104	50.0	
* 71 1,4-Dioxane-d8	96	6.850	6.857	-0.007	0	17422	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	503093	54.6	
87 Tetrachloroethene	166	8.393	8.393	0.000	96	5953	1.83	Ma
* 93 Chlorobenzene-d5	117	9.179	9.185	-0.006	86	315453	50.0	
$ 104 4-Bromofluorobenzene	174	10.142	10.149	-0.007	0	138409	53.2	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	95	149785	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

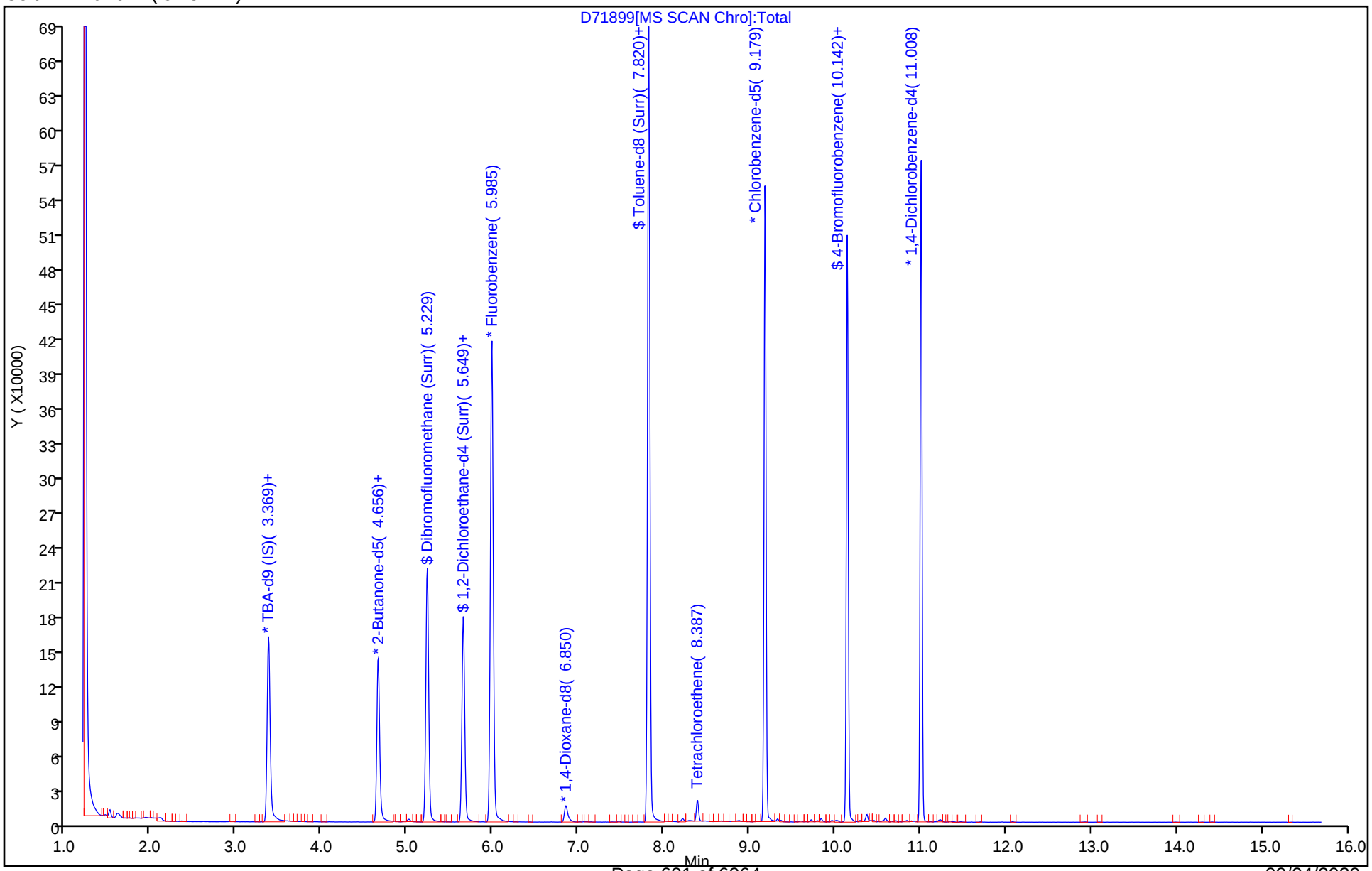
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 14:00:48 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71899.D				
Injection Date:	31-Aug-2020 13:00:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-217095-B-1-A	Lab Sample ID:	460-217095-1	Worklist Smp#:	20
Client ID:	SB-12_0-2_20200828				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

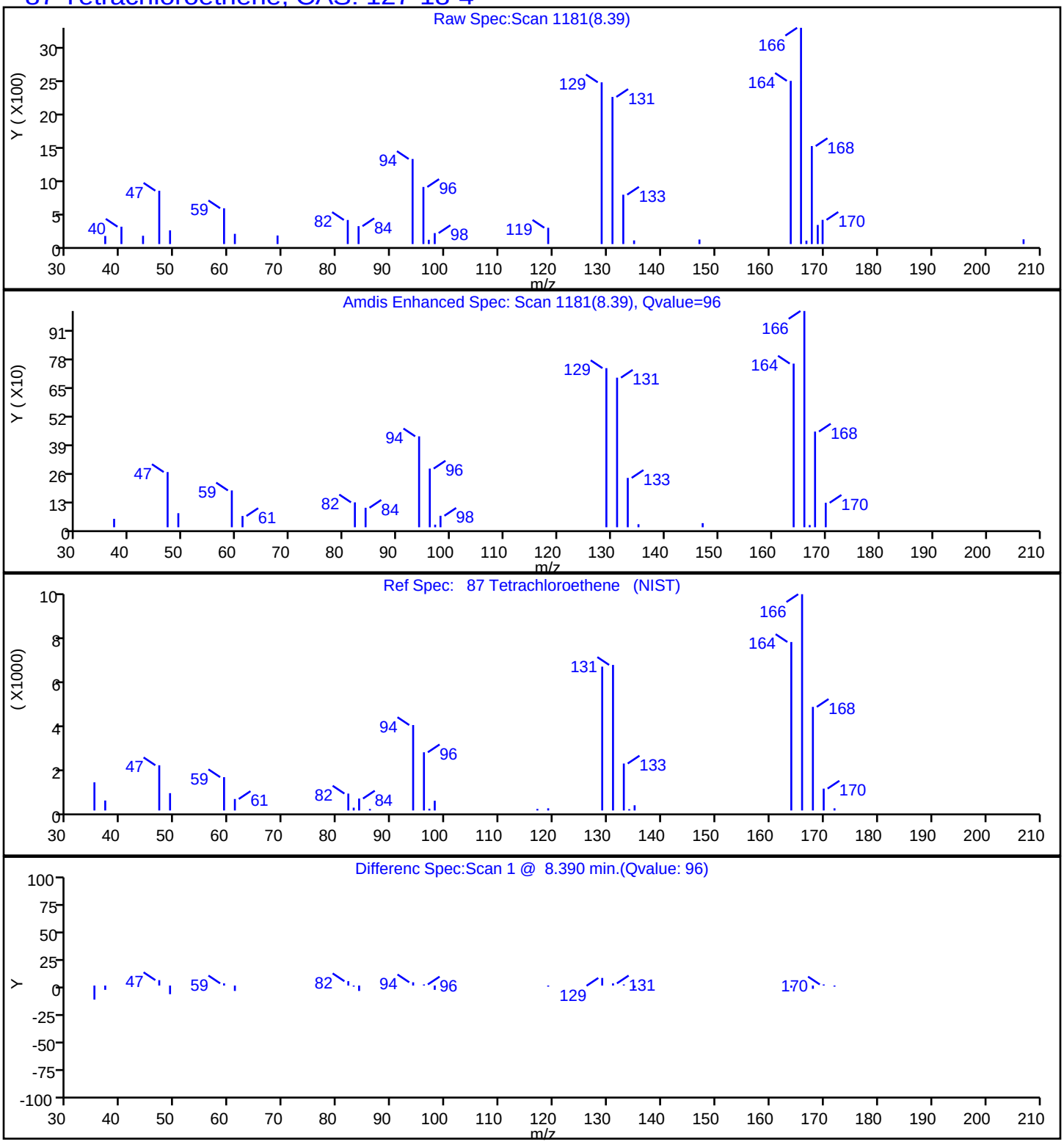
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71899.D		
Injection Date:	31-Aug-2020 13:00:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-1-A	Lab Sample ID:	460-217095-1
Client ID:	SB-12_0-2_20200828		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

87 Tetrachloroethene, CAS: 127-18-4



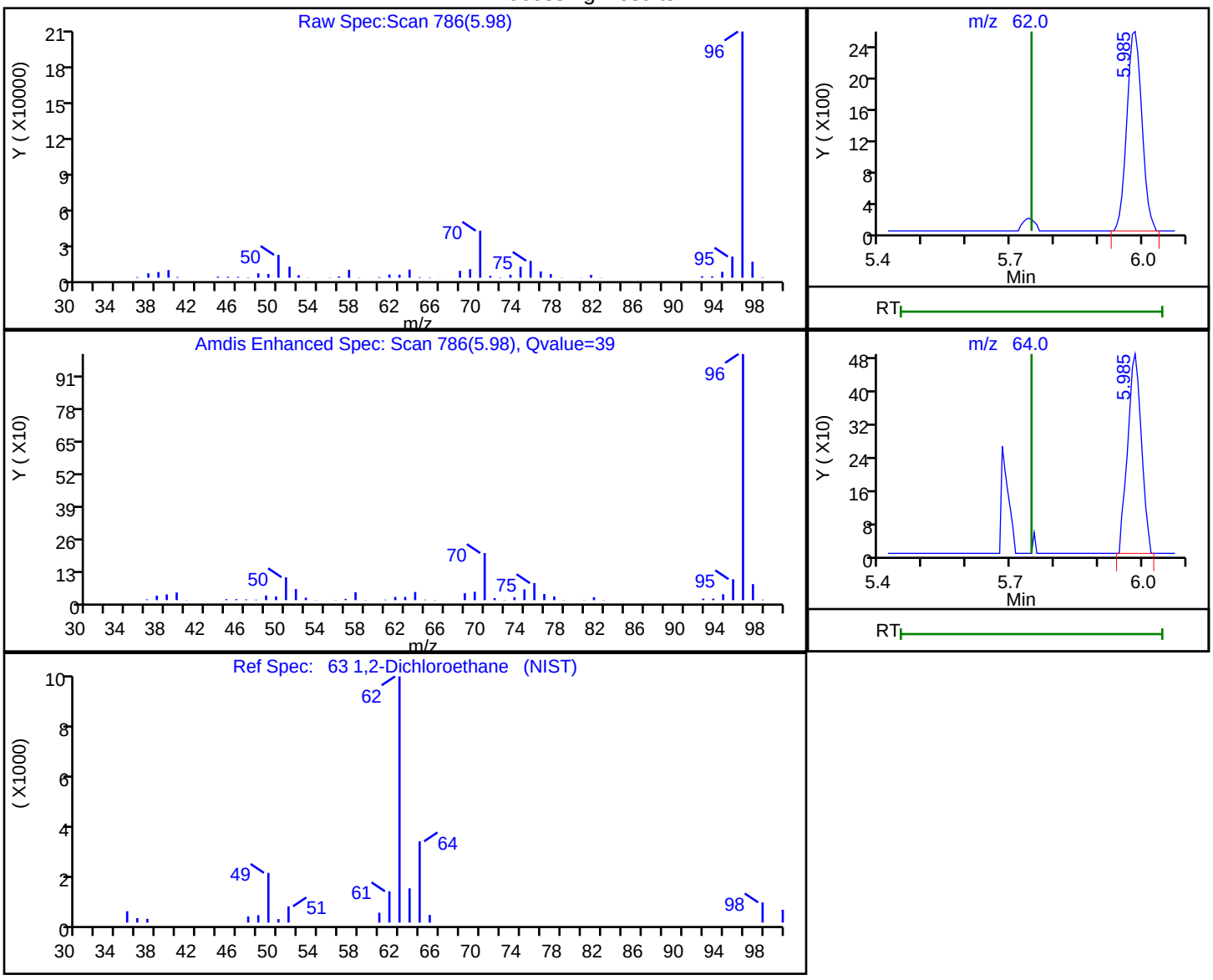
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71899.D		
Injection Date:	31-Aug-2020 13:00:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-1-A	Lab Sample ID:	460-217095-1
Client ID:	SB-12_0-2_20200828		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.98	62.00	6106	1.548804
5.98	64.00	1064	

Reviewer: parekhv, 31-Aug-2020 19:07:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

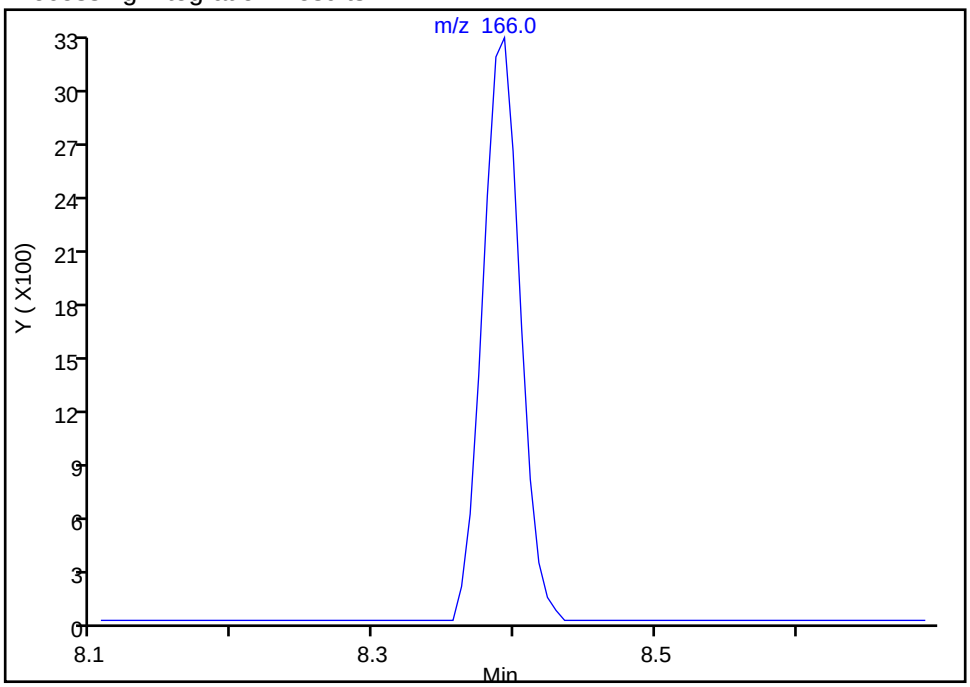
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71899.D		
Injection Date:	31-Aug-2020 13:00:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-1-A	Lab Sample ID:	460-217095-1
Client ID:	SB-12_0-2_20200828		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

87 Tetrachloroethene, CAS: 127-18-4

Signal: 1

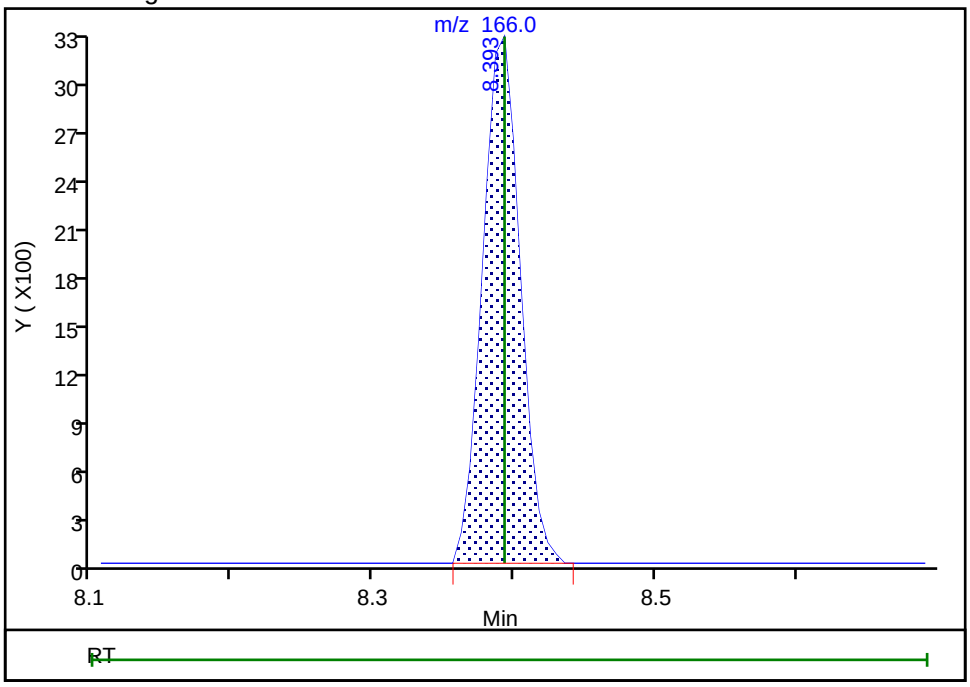
Not Detected
Expected RT: 8.39

Processing Integration Results



Manual Integration Results

RT: 8.39
Area: 5953
Amount: 1.828991
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 14:00:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

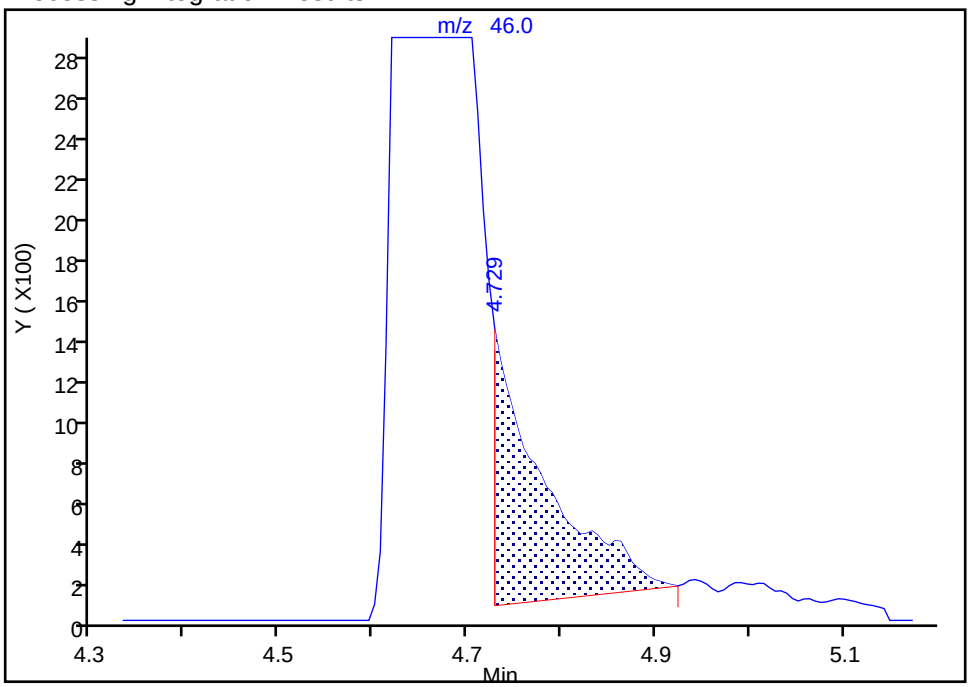
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71899.D		
Injection Date:	31-Aug-2020 13:00:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-1-A	Lab Sample ID:	460-217095-1
Client ID:	SB-12_0-2_20200828		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

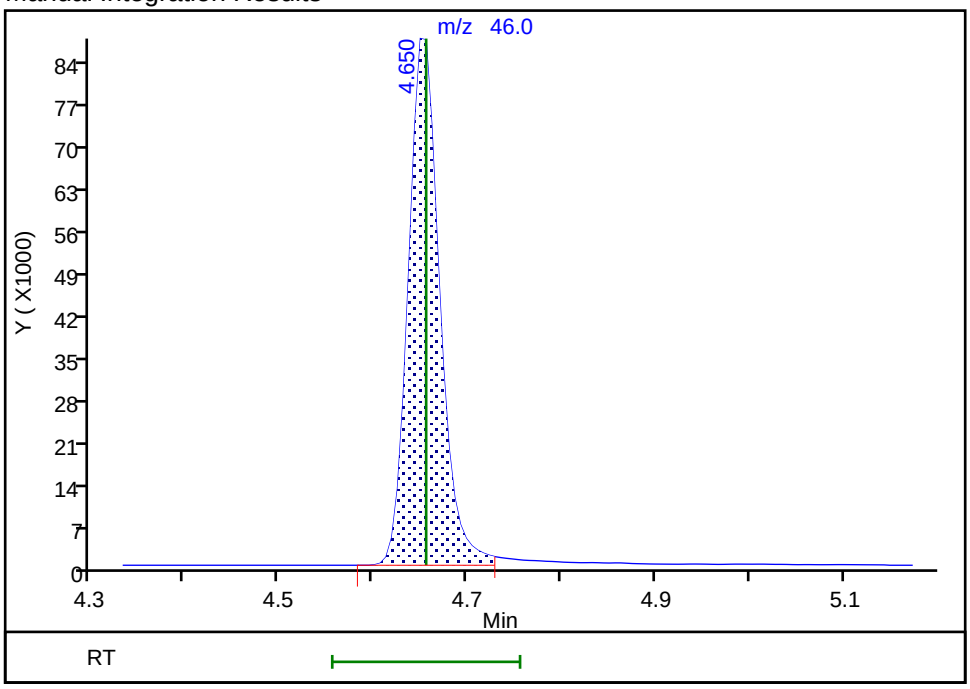
Processing Integration Results

RT: 4.73
Area: 5032
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 202597
Amount: 250.0000
Amount Units: ug/l



Reviewer: parekhv, 31-Aug-2020 19:07:54

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-13_1-3_20200828 Lab Sample ID: 460-217095-2

Matrix: Solid Lab File ID: D71900.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:10

Sample wt/vol: 3.55(g) Date Analyzed: 08/31/2020 13:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.2 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00034	U	0.0015	0.00034
79-34-5	1,1,2,2-Tetrachloroethane	0.00031	U	0.0015	0.00031
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00044	U	0.0015	0.00044
79-00-5	1,1,2-Trichloroethane	0.00026	U	0.0015	0.00026
75-34-3	1,1-Dichloroethane	0.00030	U	0.0015	0.00030
75-35-4	1,1-Dichloroethene	0.00033	U	0.0015	0.00033
87-61-6	1,2,3-Trichlorobenzene	0.00026	U	0.0015	0.00026
120-82-1	1,2,4-Trichlorobenzene	0.00052	U	0.0015	0.00052
96-12-8	1,2-Dibromo-3-Chloropropane	0.00067	U	0.0015	0.00067
95-50-1	1,2-Dichlorobenzene	0.00021	U	0.0015	0.00021
107-06-2	1,2-Dichloroethane	0.00043	U	0.0015	0.00043
78-87-5	1,2-Dichloropropane	0.00062	U	0.0015	0.00062
541-73-1	1,3-Dichlorobenzene	0.00023	U	0.0015	0.00023
106-46-7	1,4-Dichlorobenzene	0.00033	U	0.0015	0.00033
78-93-3	2-Butanone (MEK)	0.0039	U	0.0073	0.0039
591-78-6	2-Hexanone	0.0025	U	0.0073	0.0025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0073	0.0023
67-64-1	Acetone	0.0093		0.0087	0.0083
71-43-2	Benzene	0.00038	U	0.0015	0.00038
75-25-2	Bromoform	0.00062	U	0.0015	0.00062
74-83-9	Bromomethane	0.00069	U *	0.0015	0.00069
75-15-0	Carbon disulfide	0.00039	U	0.0015	0.00039
56-23-5	Carbon tetrachloride	0.00056	U	0.0015	0.00056
108-90-7	Chlorobenzene	0.00026	U	0.0015	0.00026
74-97-5	Chlorobromomethane	0.00041	U	0.0015	0.00041
124-48-1	Chlorodibromomethane	0.00028	U	0.0015	0.00028
75-00-3	Chloroethane	0.00076	U	0.0015	0.00076
67-66-3	Chloroform	0.00046	U	0.0015	0.00046
74-87-3	Chloromethane	0.00063	U	0.0015	0.00063
156-59-2	cis-1,2-Dichloroethene	0.00022	U	0.0015	0.00022
10061-01-5	cis-1,3-Dichloropropene	0.00040	U	0.0015	0.00040
110-82-7	Cyclohexane	0.00032	U	0.0015	0.00032
75-27-4	Dichlorobromomethane	0.00037	U	0.0015	0.00037
75-71-8	Dichlorodifluoromethane	0.00049	U	0.0015	0.00049
100-41-4	Ethylbenzene	0.00029	U	0.0015	0.00029

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-13_1-3_20200828 Lab Sample ID: 460-217095-2

Matrix: Solid Lab File ID: D71900.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:10

Sample wt/vol: 3.55(g) Date Analyzed: 08/31/2020 13:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.2 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00026	U	0.0015	0.00026
98-82-8	Isopropylbenzene	0.00018	U	0.0015	0.00018
79-20-9	Methyl acetate	0.0063	U	0.0073	0.0063
1634-04-4	Methyl tert-butyl ether	0.00018	U	0.0015	0.00018
108-87-2	Methylcyclohexane	0.00073	U	0.0015	0.00073
75-09-2	Methylene Chloride	0.00067	U	0.0015	0.00067
179601-23-1	m-Xylene & p-Xylene	0.00025	U	0.0015	0.00025
95-47-6	o-Xylene	0.00028	U	0.0015	0.00028
100-42-5	Styrene	0.00040	U	0.0015	0.00040
127-18-4	Tetrachloroethene	0.0055		0.0015	0.00021
108-88-3	Toluene	0.00034	U	0.0015	0.00034
156-60-5	trans-1,2-Dichloroethene	0.00036	U	0.0015	0.00036
10061-02-6	trans-1,3-Dichloropropene	0.00039	U	0.0015	0.00039
79-01-6	Trichloroethene	0.00021	U	0.0015	0.00021
75-69-4	Trichlorofluoromethane	0.00059	U	0.0015	0.00059
75-01-4	Vinyl chloride	0.00079	U	0.0015	0.00079
1330-20-7	Xylenes, Total	0.00025	U	0.0029	0.00025

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	102		48-150
2037-26-5	Toluene-d8 (Surr)	108		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-13_1-3_20200828 Lab Sample ID: 460-217095-2

Matrix: Solid Lab File ID: D71900.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:10

Sample wt/vol: 3.55(g) Date Analyzed: 08/31/2020 13:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.2 Level: (low/med) Low

Analysis Batch No.: 720741 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71900.D
Lims ID: 460-217095-B-2-A
Client ID: SB-13_1-3_20200828
Sample Type: Client
Inject. Date: 31-Aug-2020 13:28:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217095-B-2-A
Misc. Info.: 460-0116029-021
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 14:00:26 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 19:08:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.943	2.943	0.000	88	5823	6.41	
* 31 TBA-d9 (IS)	65	3.369	3.376	-0.007	0	194273	1000.0	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	76	186766	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	96	150919	51.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.650	5.649	0.001	97	137182	48.1	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	476833	50.0	
* 71 1,4-Dioxane-d8	96	6.850	6.857	-0.007	0	17288	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	488250	53.9	
87 Tetrachloroethene	166	8.393	8.393	0.000	91	12054	3.77	
* 93 Chlorobenzene-d5	117	9.179	9.185	-0.006	86	310063	50.0	
$ 104 4-Bromofluorobenzene	174	10.143	10.149	-0.006	0	133526	53.3	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	95	144072	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

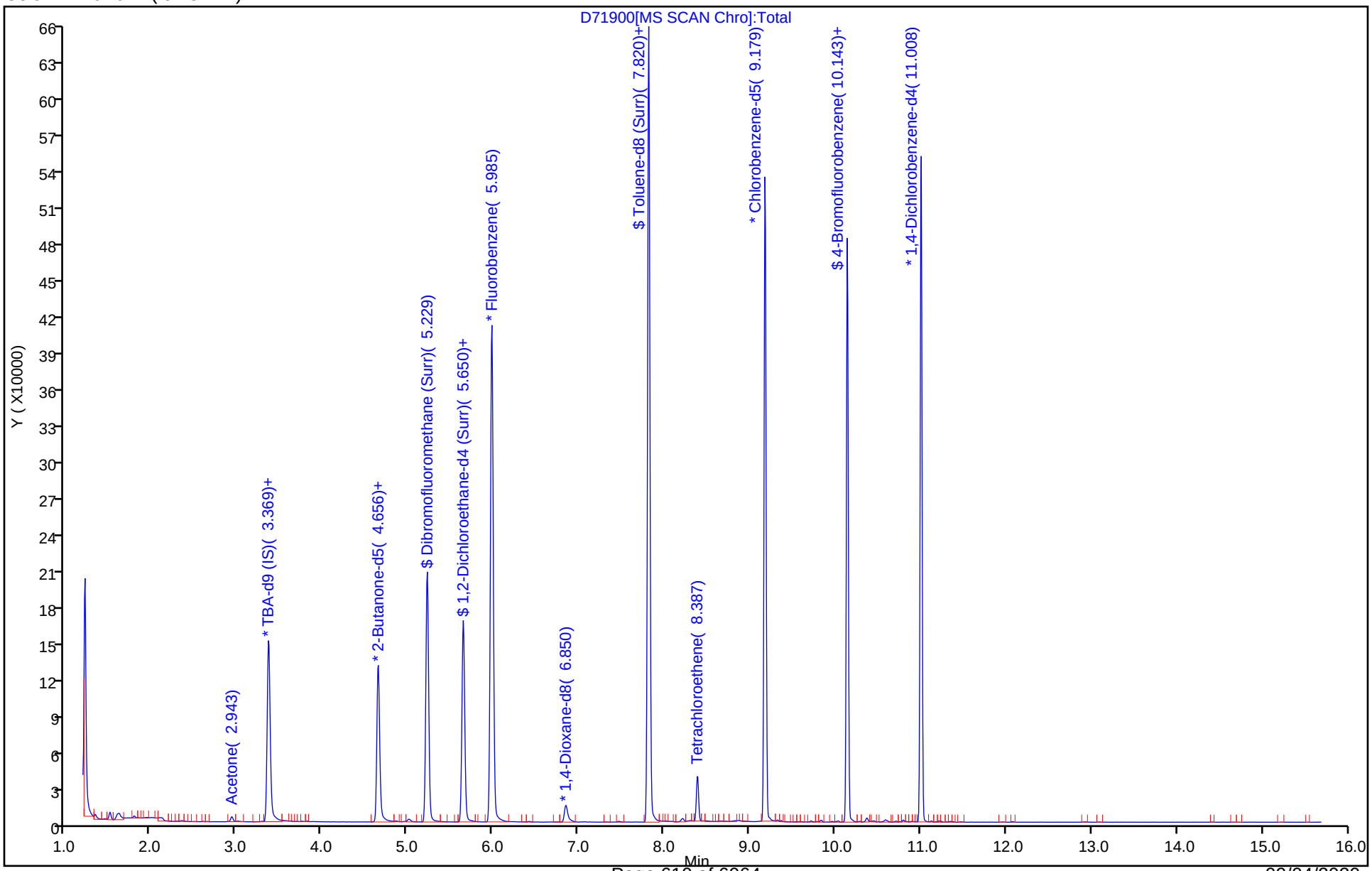
Report Date: 02-Sep-2020 14:00:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71900.D

Injection Date:	31-Aug-2020 13:28:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-217095-B-2-A	Lab Sample ID:	460-217095-2	Worklist Smp#:	21
Client ID:	SB-13_1-3_20200828				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

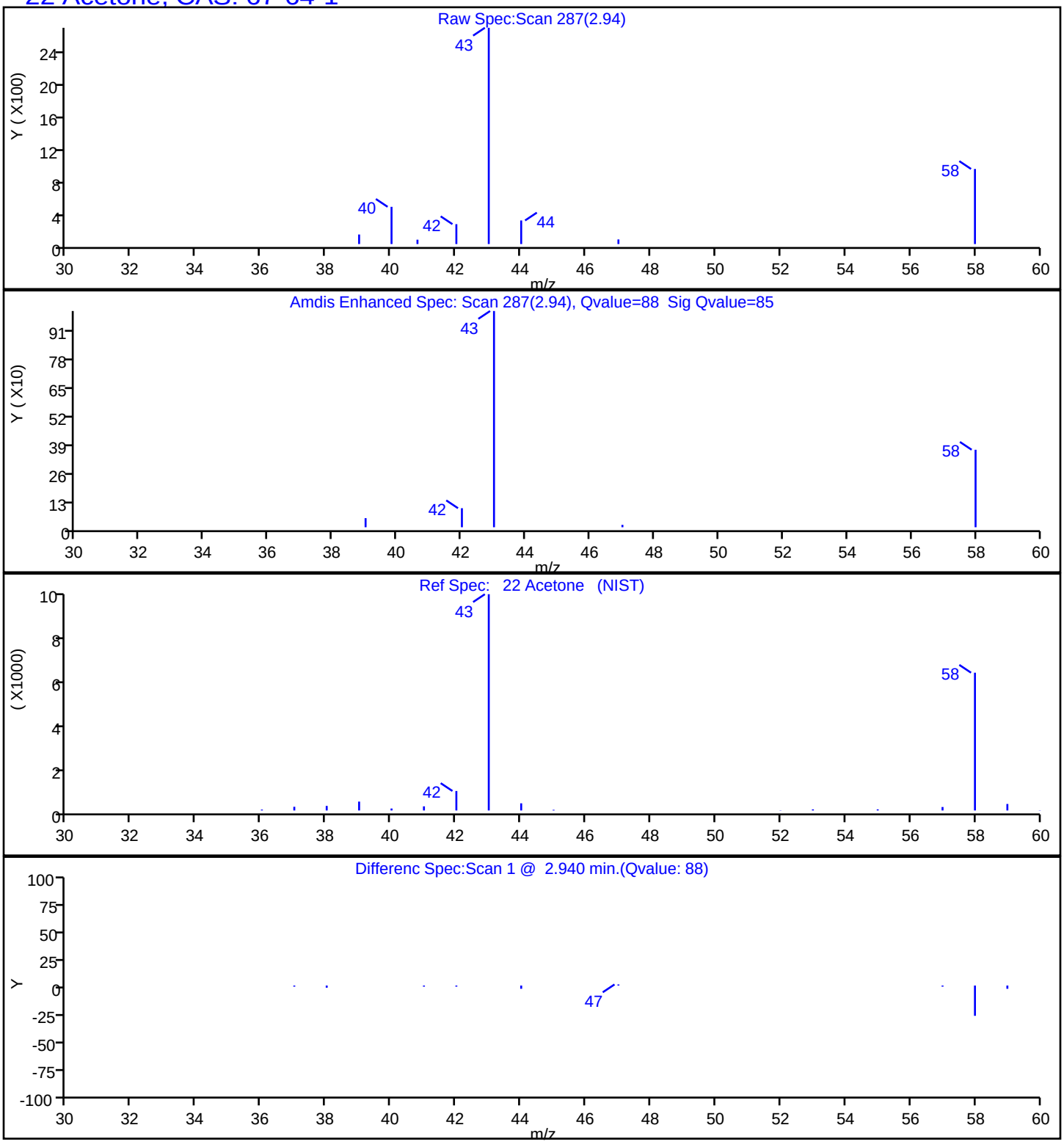
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71900.D		
Injection Date:	31-Aug-2020 13:28:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-2-A	Lab Sample ID:	460-217095-2
Client ID:	SB-13_1-3_20200828		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

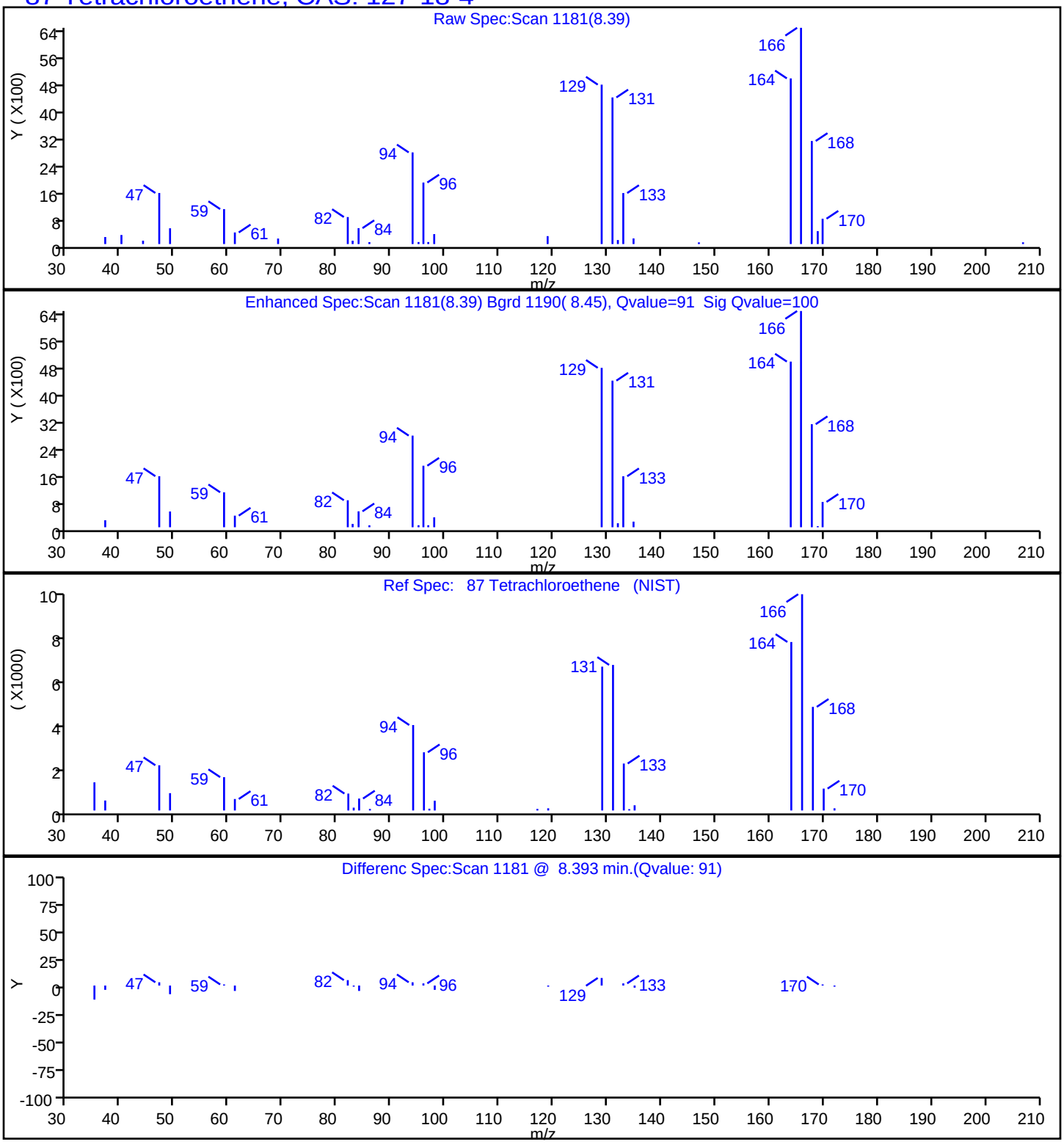
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71900.D		
Injection Date:	31-Aug-2020 13:28:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-2-A	Lab Sample ID:	460-217095-2
Client ID:	SB-13_1-3_20200828		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

87 Tetrachloroethene, CAS: 127-18-4



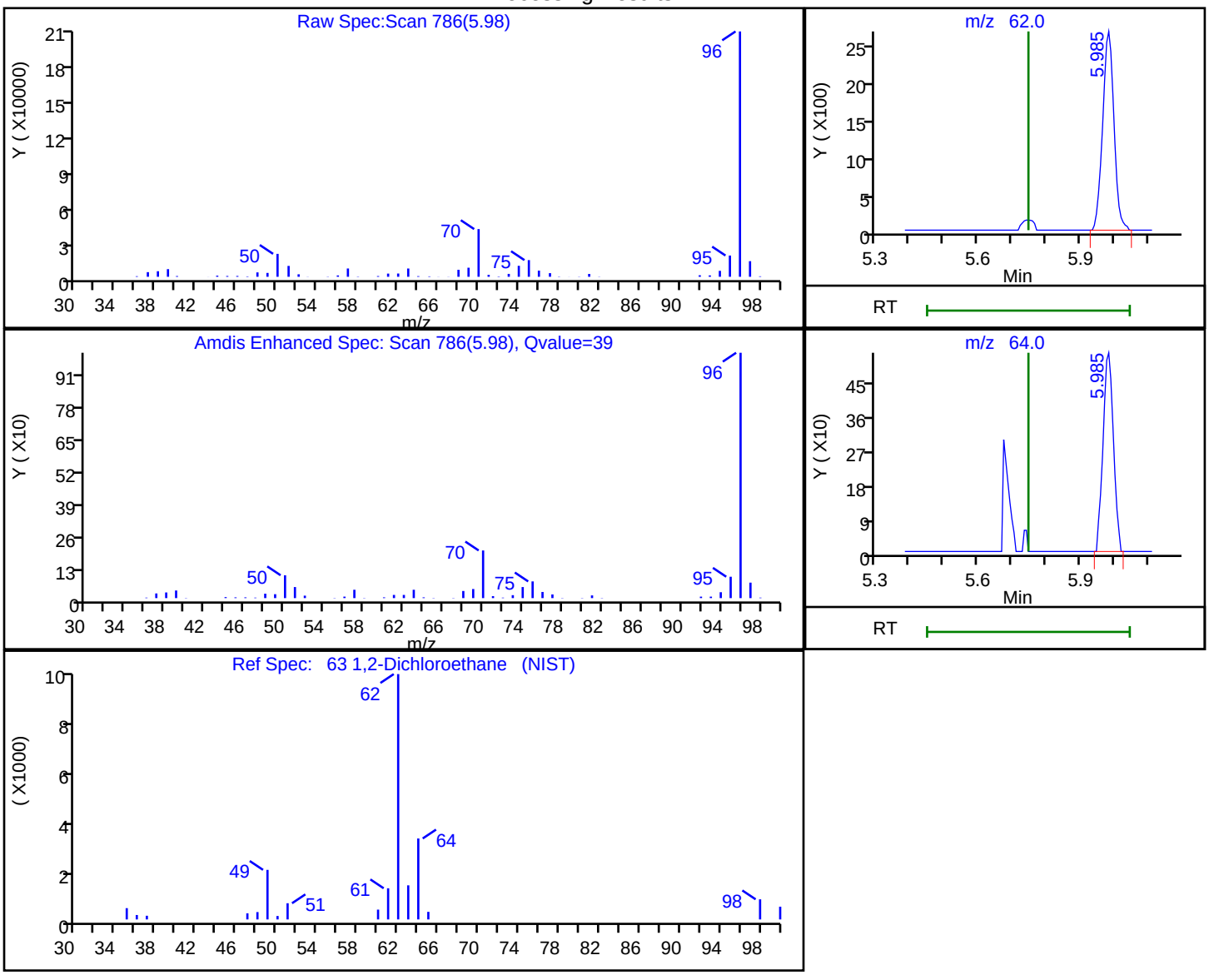
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71900.D		
Injection Date:	31-Aug-2020 13:28:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-2-A	Lab Sample ID:	460-217095-2
Client ID:	SB-13_1-3_20200828		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.98	62.00	6239	1.613309
5.98	64.00	1119	

Reviewer: parekhv, 31-Aug-2020 19:08:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-14_2-4_20200828 Lab Sample ID: 460-217095-3

Matrix: Solid Lab File ID: D71901.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:50

Sample wt/vol: 3.18(g) Date Analyzed: 08/31/2020 13:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00039	U	0.0017	0.00039
79-34-5	1,1,2,2-Tetrachloroethane	0.00036	U	0.0017	0.00036
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00050	U	0.0017	0.00050
79-00-5	1,1,2-Trichloroethane	0.00030	U	0.0017	0.00030
75-34-3	1,1-Dichloroethane	0.00034	U	0.0017	0.00034
75-35-4	1,1-Dichloroethene	0.00038	U	0.0017	0.00038
87-61-6	1,2,3-Trichlorobenzene	0.00030	U	0.0017	0.00030
120-82-1	1,2,4-Trichlorobenzene	0.00060	U	0.0017	0.00060
96-12-8	1,2-Dibromo-3-Chloropropane	0.00077	U	0.0017	0.00077
95-50-1	1,2-Dichlorobenzene	0.00024	U	0.0017	0.00024
107-06-2	1,2-Dichloroethane	0.00049	U	0.0017	0.00049
78-87-5	1,2-Dichloropropane	0.00071	U	0.0017	0.00071
541-73-1	1,3-Dichlorobenzene	0.00027	U	0.0017	0.00027
106-46-7	1,4-Dichlorobenzene	0.00038	U	0.0017	0.00038
78-93-3	2-Butanone (MEK)	0.0045	U	0.0083	0.0045
591-78-6	2-Hexanone	0.0029	U	0.0083	0.0029
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0026	U	0.0083	0.0026
67-64-1	Acetone	0.0095	U	0.010	0.0095
71-43-2	Benzene	0.00043	U	0.0017	0.00043
75-25-2	Bromoform	0.00071	U	0.0017	0.00071
74-83-9	Bromomethane	0.00079	U *	0.0017	0.00079
75-15-0	Carbon disulfide	0.00044	U	0.0017	0.00044
56-23-5	Carbon tetrachloride	0.00065	U	0.0017	0.00065
108-90-7	Chlorobenzene	0.00030	U	0.0017	0.00030
74-97-5	Chlorobromomethane	0.00047	U	0.0017	0.00047
124-48-1	Chlorodibromomethane	0.00032	U	0.0017	0.00032
75-00-3	Chloroethane	0.00087	U	0.0017	0.00087
67-66-3	Chloroform	0.00053	U	0.0017	0.00053
74-87-3	Chloromethane	0.00073	U	0.0017	0.00073
156-59-2	cis-1,2-Dichloroethene	0.00025	U	0.0017	0.00025
10061-01-5	cis-1,3-Dichloropropene	0.00046	U	0.0017	0.00046
110-82-7	Cyclohexane	0.00037	U	0.0017	0.00037
75-27-4	Dichlorobromomethane	0.00043	U	0.0017	0.00043
75-71-8	Dichlorodifluoromethane	0.00056	U	0.0017	0.00056
100-41-4	Ethylbenzene	0.00033	U	0.0017	0.00033

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-14_2-4_20200828 Lab Sample ID: 460-217095-3

Matrix: Solid Lab File ID: D71901.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:50

Sample wt/vol: 3.18(g) Date Analyzed: 08/31/2020 13:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00030	U	0.0017	0.00030
98-82-8	Isopropylbenzene	0.00021	U	0.0017	0.00021
79-20-9	Methyl acetate	0.0072	U	0.0083	0.0072
1634-04-4	Methyl tert-butyl ether	0.00021	U	0.0017	0.00021
108-87-2	Methylcyclohexane	0.00083	U	0.0017	0.00083
75-09-2	Methylene Chloride	0.00077	U	0.0017	0.00077
179601-23-1	m-Xylene & p-Xylene	0.00029	U	0.0017	0.00029
95-47-6	o-Xylene	0.00032	U	0.0017	0.00032
100-42-5	Styrene	0.00046	U	0.0017	0.00046
127-18-4	Tetrachloroethene	0.0057		0.0017	0.00024
108-88-3	Toluene	0.00039	U	0.0017	0.00039
156-60-5	trans-1,2-Dichloroethene	0.00041	U	0.0017	0.00041
10061-02-6	trans-1,3-Dichloropropene	0.00044	U	0.0017	0.00044
79-01-6	Trichloroethene	0.00088	J	0.0017	0.00024
75-69-4	Trichlorofluoromethane	0.00068	U	0.0017	0.00068
75-01-4	Vinyl chloride	0.00091	U	0.0017	0.00091
1330-20-7	Xylenes, Total	0.00029	U	0.0033	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	111		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-14_2-4_20200828 Lab Sample ID: 460-217095-3

Matrix: Solid Lab File ID: D71901.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:50

Sample wt/vol: 3.18(g) Date Analyzed: 08/31/2020 13:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Low

Analysis Batch No.: 720741 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71901.D
Lims ID: 460-217095-B-3-A
Client ID: SB-14_2-4_20200828
Sample Type: Client
Inject. Date: 31-Aug-2020 13:55:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217095-B-3-A
Misc. Info.: 460-0116029-022
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 14:00:15 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 19:08:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.376	-0.007	0	192593	1000.0	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	36	189715	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	96	157717	53.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	96	139881	49.2	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	474903	50.0	
67 Trichloroethene	95	6.423	6.424	-0.001	97	1697	0.5261	
* 71 1,4-Dioxane-d8	96	6.850	6.857	-0.007	0	16329	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	502043	55.4	
87 Tetrachloroethene	166	8.393	8.393	0.000	92	10877	3.40	
* 93 Chlorobenzene-d5	117	9.179	9.185	-0.006	86	310195	50.0	
$ 104 4-Bromofluorobenzene	174	10.142	10.149	-0.007	0	136332	54.5	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	96	144021	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

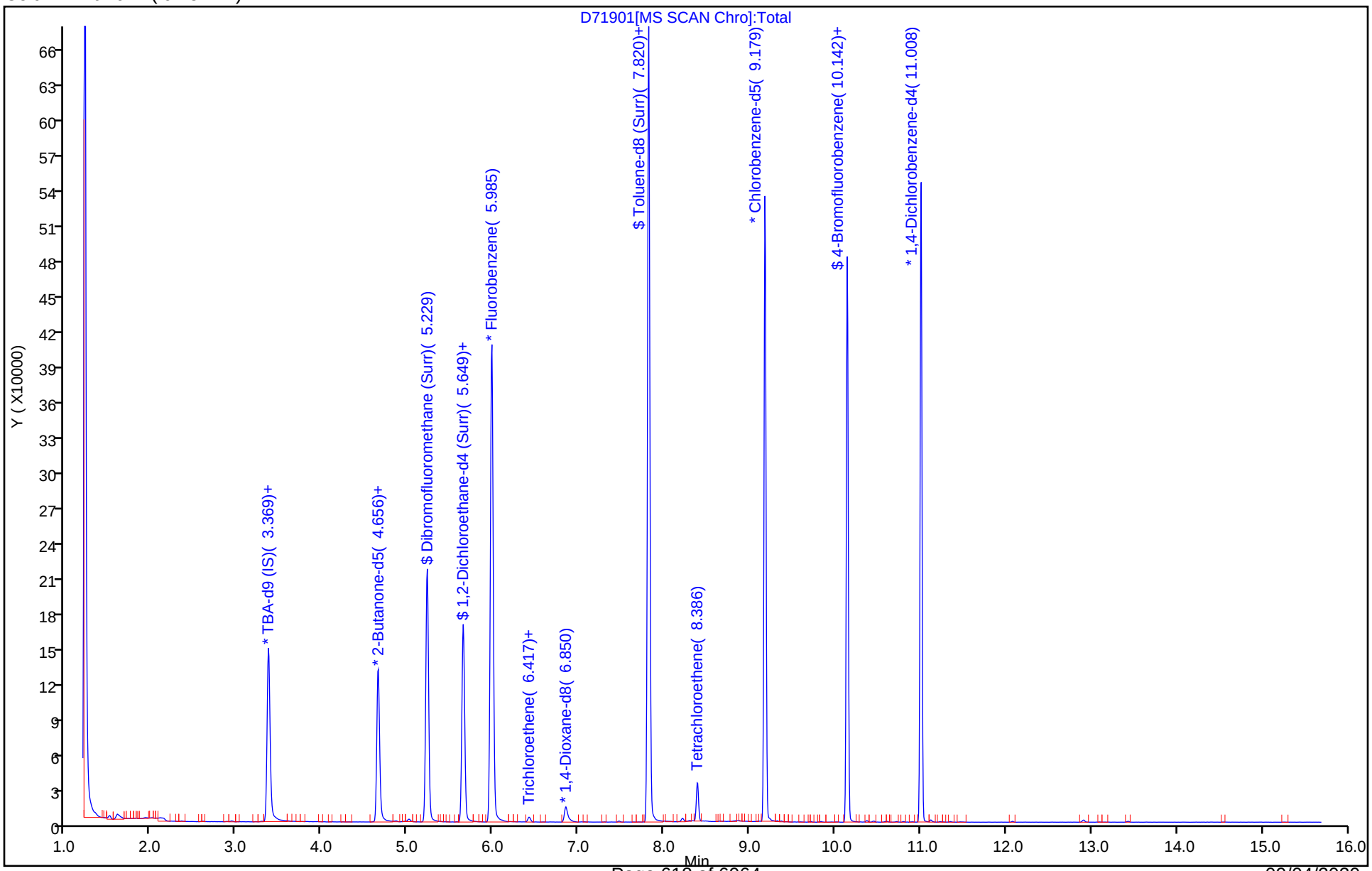
Report Date: 02-Sep-2020 14:00:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71901.D

Injection Date:	31-Aug-2020 13:55:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-217095-B-3-A	Lab Sample ID:	460-217095-3	Worklist Smp#:	22
Client ID:	SB-14_2-4_20200828				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

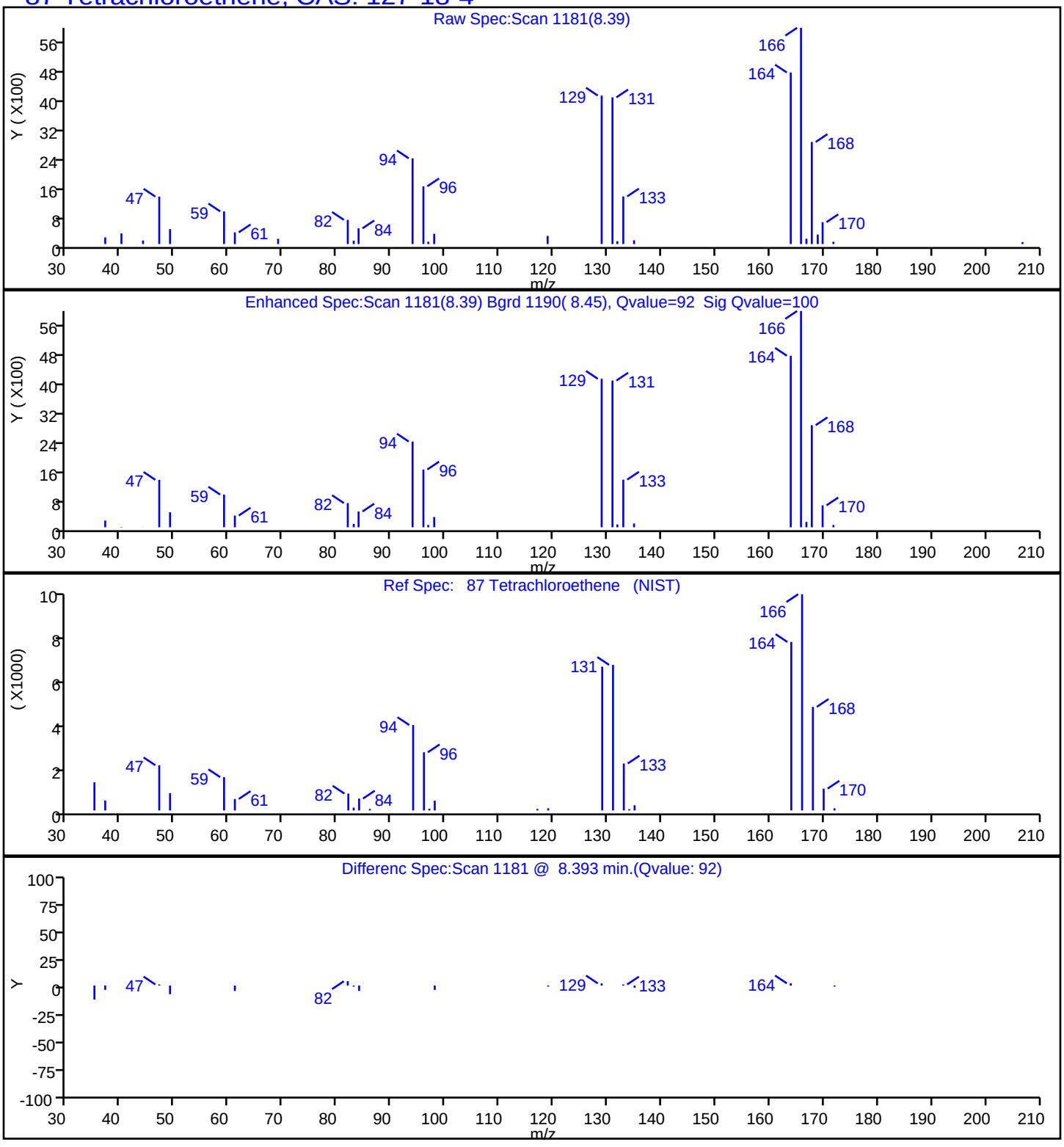
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71901.D				
Injection Date:	31-Aug-2020 13:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-217095-B-3-A	Lab Sample ID:	460-217095-3		
Client ID:	SB-14_2-4_20200828				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

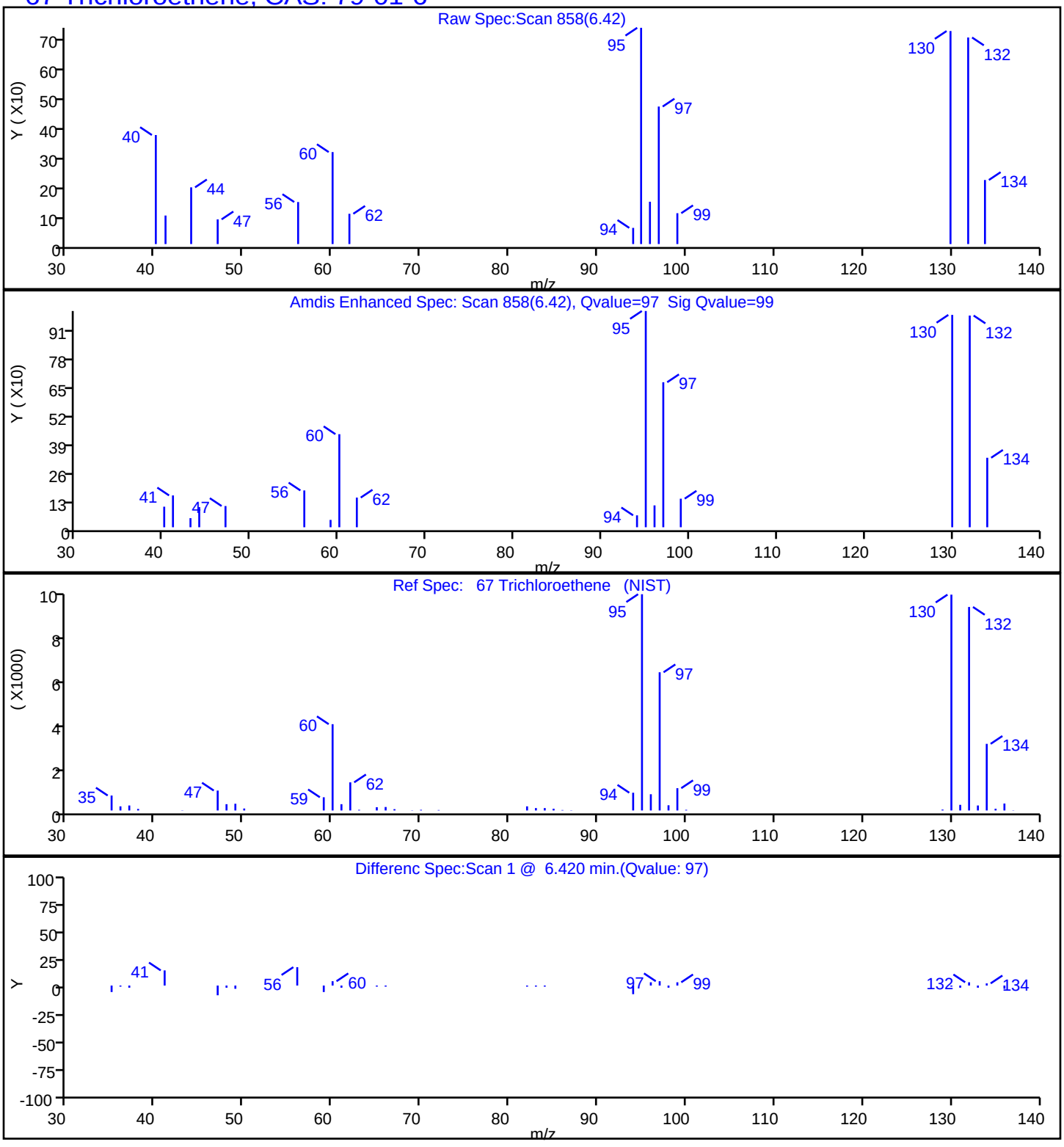
87 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71901.D		
Injection Date:	31-Aug-2020 13:55:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-3-A	Lab Sample ID:	460-217095-3
Client ID:	SB-14_2-4_20200828		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



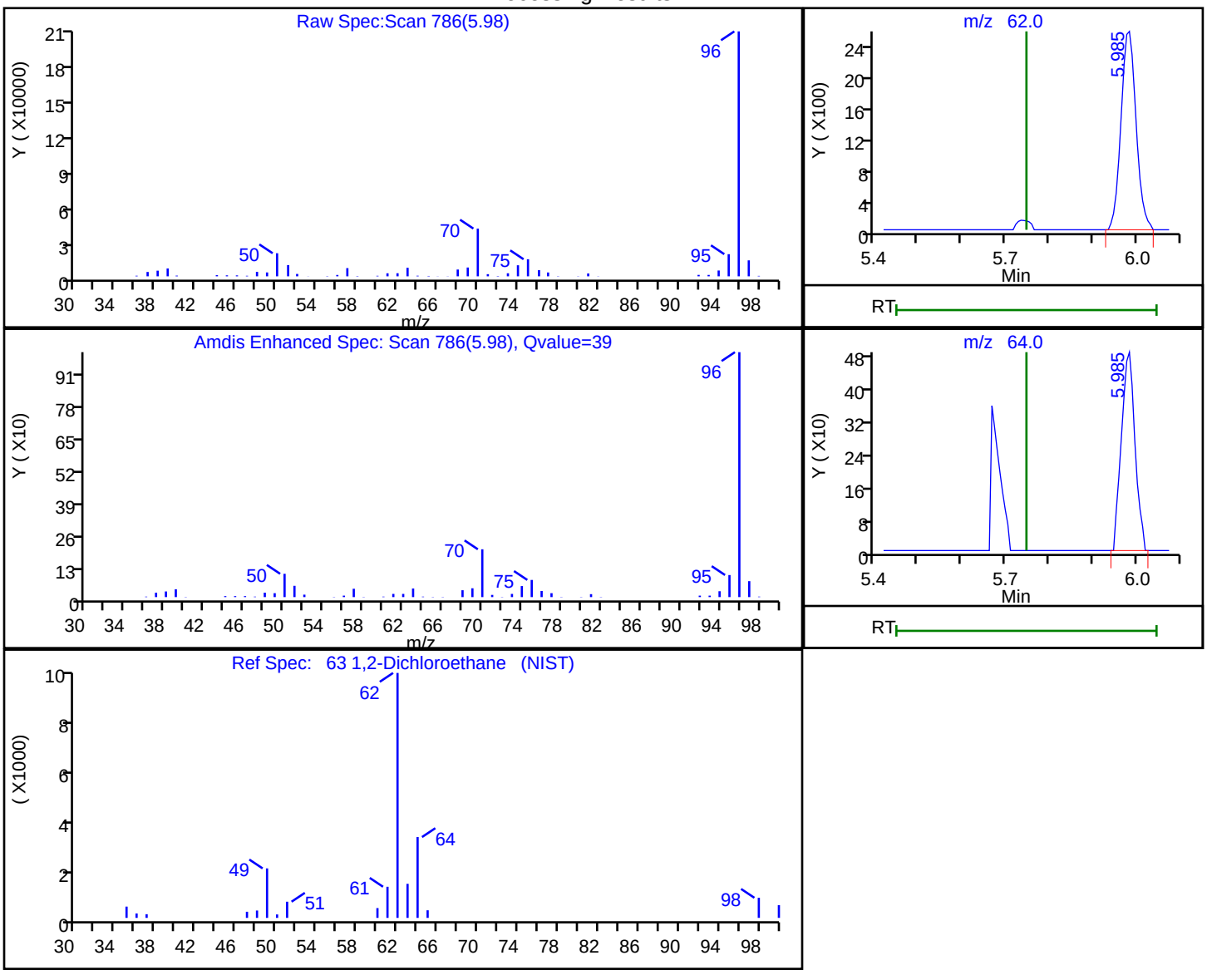
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71901.D		
Injection Date:	31-Aug-2020 13:55:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-3-A	Lab Sample ID:	460-217095-3
Client ID:	SB-14_2-4_20200828		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.98	62.00	6105	1.585075
5.98	64.00	1064	

Reviewer: parekhv, 31-Aug-2020 19:08:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-11_3-5_20200828 Lab Sample ID: 460-217095-4

Matrix: Solid Lab File ID: D71902.D

Analysis Method: 8260C Date Collected: 08/28/2020 10:15

Sample wt/vol: 5.18(g) Date Analyzed: 08/31/2020 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.7 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037
96-12-8	1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048
95-50-1	1,2-Dichlorobenzene	0.00015	U	0.0010	0.00015
107-06-2	1,2-Dichloroethane	0.00031	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.00044	U	0.0010	0.00044
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0028	U	0.0052	0.0028
591-78-6	2-Hexanone	0.0018	U	0.0052	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0052	0.0016
67-64-1	Acetone	0.0059	U	0.0062	0.0059
71-43-2	Benzene	0.00027	U	0.0010	0.00027
75-25-2	Bromoform	0.00044	U	0.0010	0.00044
74-83-9	Bromomethane	0.00049	U *	0.0010	0.00049
75-15-0	Carbon disulfide	0.00028	U	0.0010	0.00028
56-23-5	Carbon tetrachloride	0.00040	U	0.0010	0.00040
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00029	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.00020	U	0.0010	0.00020
75-00-3	Chloroethane	0.00054	U	0.0010	0.00054
67-66-3	Chloroform	0.00033	U	0.0010	0.00033
74-87-3	Chloromethane	0.00045	U	0.0010	0.00045
156-59-2	cis-1,2-Dichloroethene	0.00016	U	0.0010	0.00016
10061-01-5	cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
110-82-7	Cyclohexane	0.00023	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.00027	U	0.0010	0.00027
75-71-8	Dichlorodifluoromethane	0.00035	U	0.0010	0.00035
100-41-4	Ethylbenzene	0.00021	U	0.0010	0.00021

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-11_3-5_20200828 Lab Sample ID: 460-217095-4

Matrix: Solid Lab File ID: D71902.D

Analysis Method: 8260C Date Collected: 08/28/2020 10:15

Sample wt/vol: 5.18(g) Date Analyzed: 08/31/2020 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.7 Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00019	U	0.0010	0.00019
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0044	U	0.0052	0.0044
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00052	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.00048	U	0.0010	0.00048
179601-23-1	m-Xylene & p-Xylene	0.00018	U	0.0010	0.00018
95-47-6	o-Xylene	0.00020	U	0.0010	0.00020
100-42-5	Styrene	0.00029	U	0.0010	0.00029
127-18-4	Tetrachloroethene	0.00015	U	0.0010	0.00015
108-88-3	Toluene	0.00024	U	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
79-01-6	Trichloroethene	0.00015	U	0.0010	0.00015
75-69-4	Trichlorofluoromethane	0.00042	U	0.0010	0.00042
75-01-4	Vinyl chloride	0.00056	U	0.0010	0.00056
1330-20-7	Xylenes, Total	0.00018	U	0.0021	0.00018

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	108		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-11_3-5_20200828 Lab Sample ID: 460-217095-4

Matrix: Solid Lab File ID: D71902.D

Analysis Method: 8260C Date Collected: 08/28/2020 10:15

Sample wt/vol: 5.18(g) Date Analyzed: 08/31/2020 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.7 Level: (low/med) Low

Analysis Batch No.: 720741 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71902.D
Lims ID: 460-217095-B-4-A
Client ID: SB-11_3-5_20200828
Sample Type: Client
Inject. Date: 31-Aug-2020 14:23:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217095-B-4-A
Misc. Info.: 460-0116029-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 14:00:48 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 19:08:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.376	-0.007	0	189145	1000.0	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	36	185557	250.0	a
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	96	155864	52.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.650	5.649	0.001	96	137406	47.8	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	479998	50.0	
* 71 1,4-Dioxane-d8	96	6.850	6.857	-0.007	0	16628	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	494807	54.2	
* 93 Chlorobenzene-d5	117	9.179	9.185	-0.006	86	312450	50.0	
$ 104 4-Bromofluorobenzene	174	10.143	10.149	-0.006	0	135587	53.1	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	96	146934	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

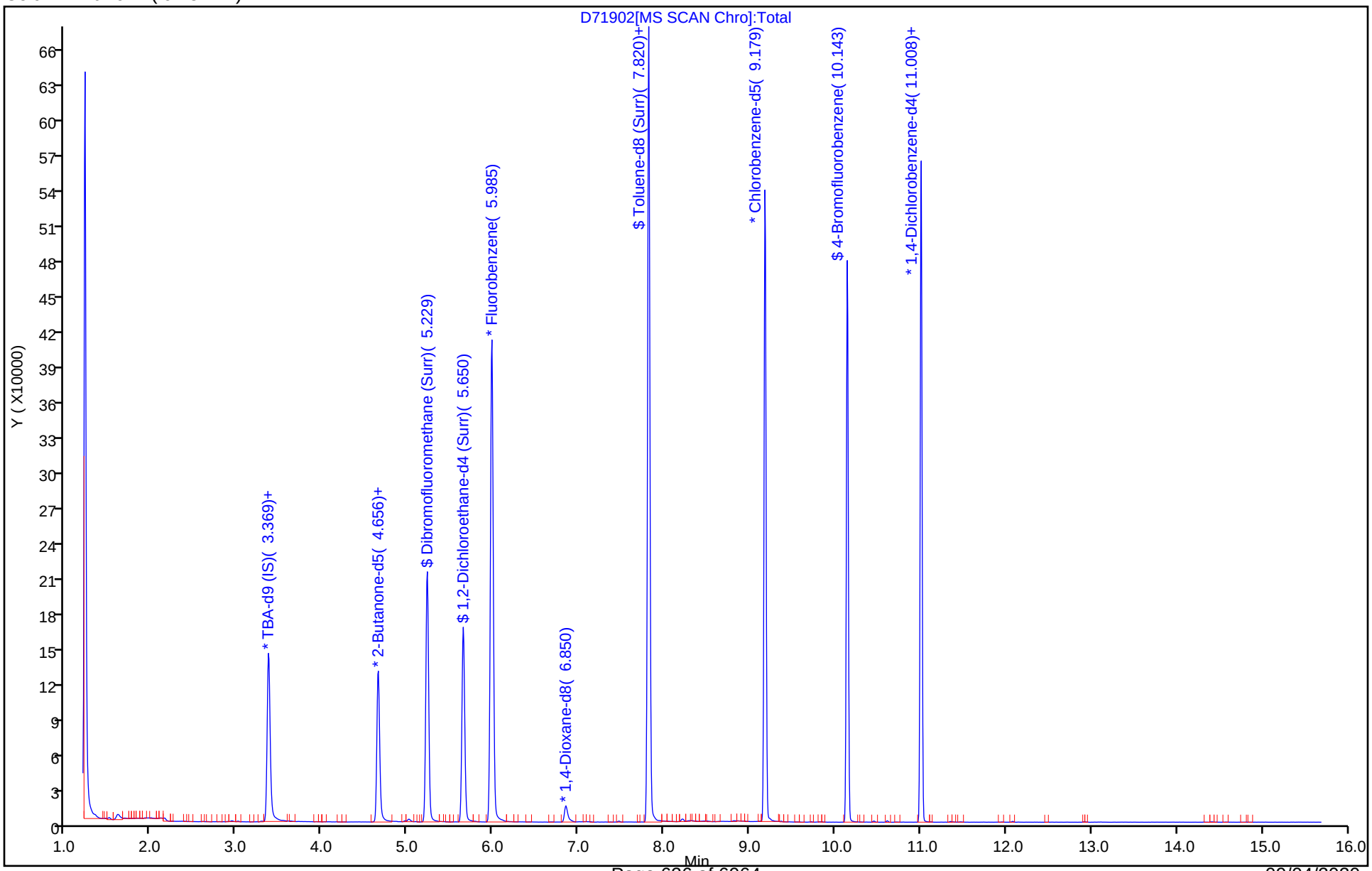
Report Date: 02-Sep-2020 14:01:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71902.D

Injection Date:	31-Aug-2020 14:23:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-217095-B-4-A	Lab Sample ID:	460-217095-4	Worklist Smp#:	23
Client ID:	SB-11_3-5_20200828				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



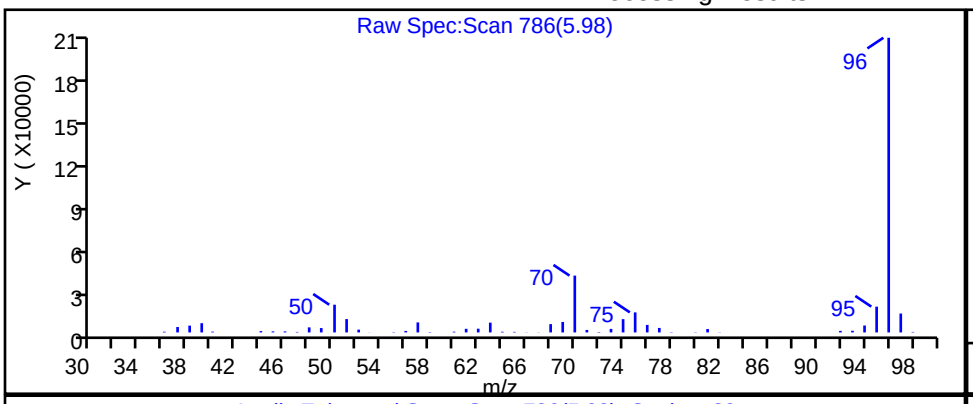
User Disabled Compound Report

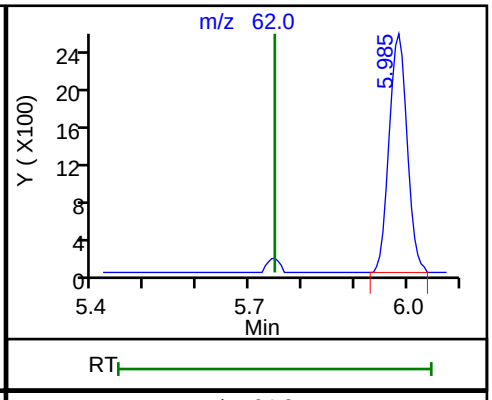
Eurofins TestAmerica, Edison

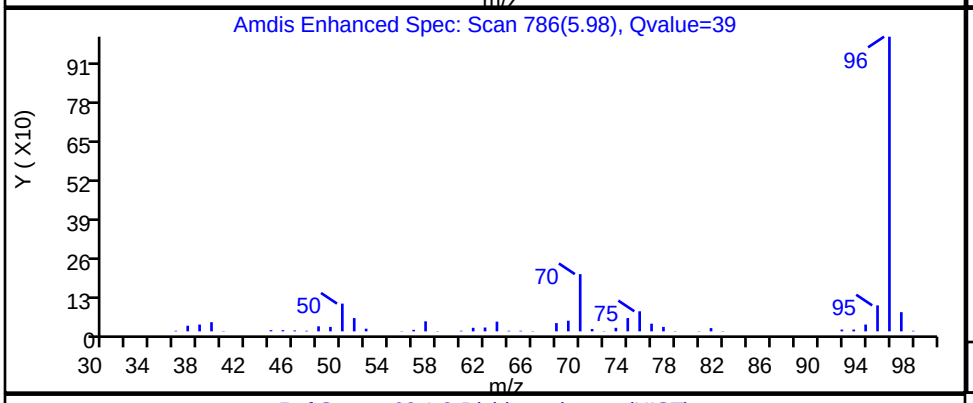
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71902.D		
Injection Date:	31-Aug-2020 14:23:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-4-A	Lab Sample ID:	460-217095-4
Client ID:	SB-11_3-5_20200828		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

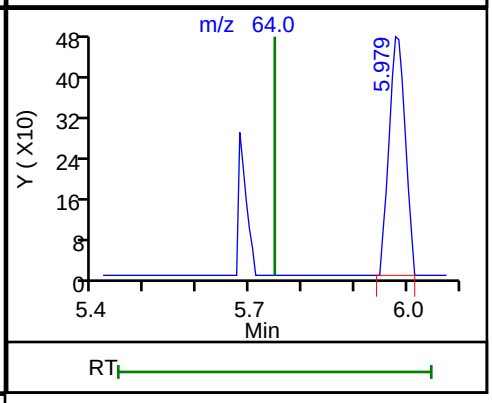
63 1,2-Dichloroethane, CAS: 107-06-2

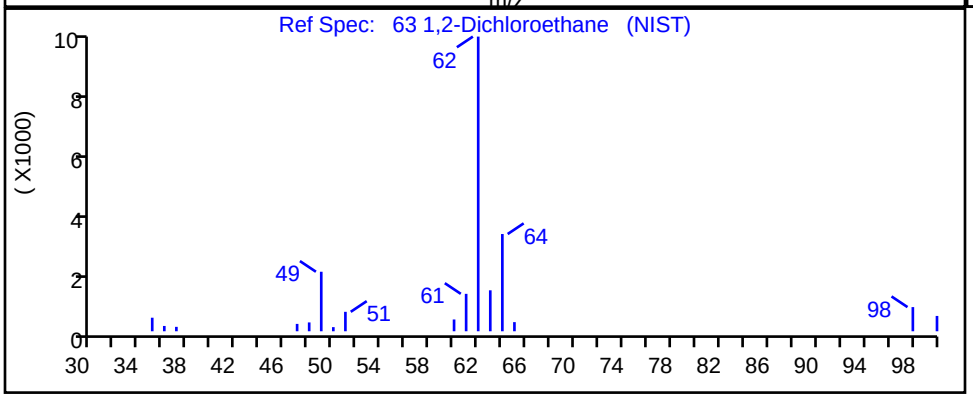
Processing Results











RT	Mass	Response	Amount
5.98	62.00	6167	1.584176
5.98	64.00	1028	

Reviewer: parekhv, 31-Aug-2020 19:08:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

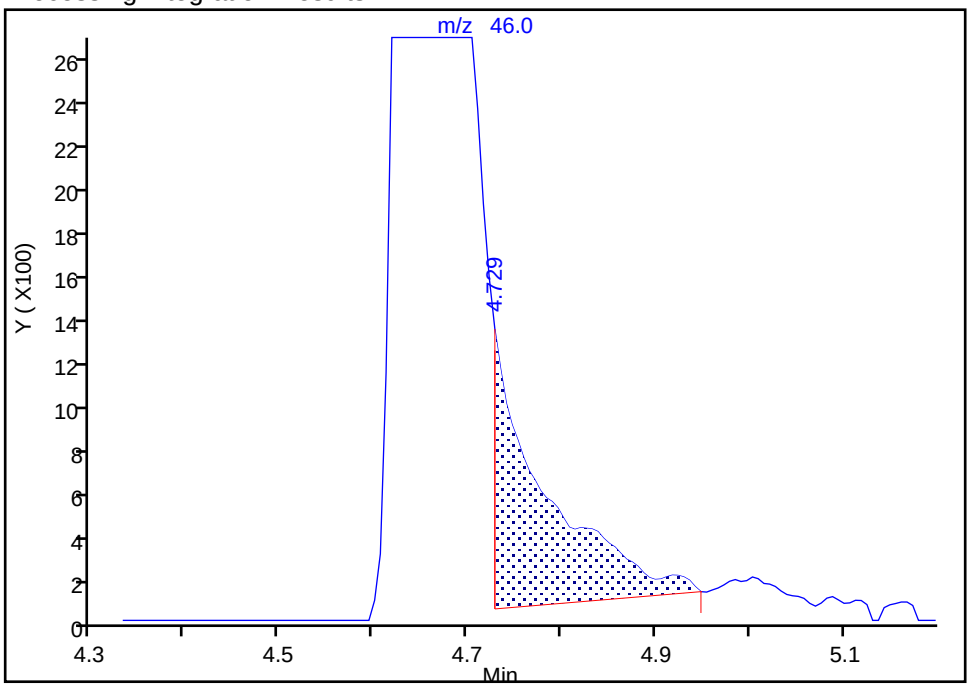
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71902.D		
Injection Date:	31-Aug-2020 14:23:30	Instrument ID:	CVOAMS4
Lims ID:	460-217095-B-4-A	Lab Sample ID:	460-217095-4
Client ID:	SB-11_3-5_20200828		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

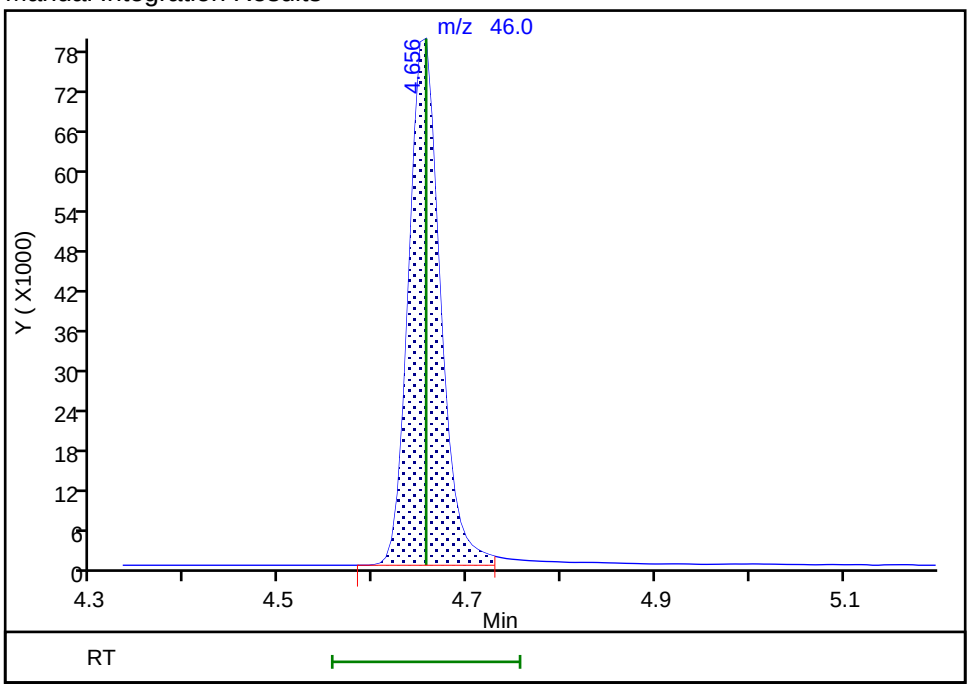
Processing Integration Results

RT: 4.73
Area: 4920
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.66
Area: 185557
Amount: 250.0000
Amount Units: ug/l



Reviewer: parekhv, 31-Aug-2020 19:08:32

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TB_20200828 Lab Sample ID: 460-217095-5

Matrix: Water Lab File ID: J05421.D

Analysis Method: 8260C Date Collected: 08/28/2020 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 13:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	12		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TB_20200828 Lab Sample ID: 460-217095-5

Matrix: Water Lab File ID: J05421.D

Analysis Method: 8260C Date Collected: 08/28/2020 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 13:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05421.D
Lims ID: 460-217095-A-5
Client ID: TB_20200828
Sample Type: Client
Inject. Date: 30-Aug-2020 13:13:30 ALS Bottle#: 19 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217095-A-5
Misc. Info.: 460-0116011-011
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 08:14:32 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1055

First Level Reviewer: boykink Date: 30-Aug-2020 22:54:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.643	2.643	0.000	84	6081	11.7	
* 31 TBA-d9 (IS)	65	2.985	2.986	-0.001	75	147093	1000.0	
* 43 2-Butanone-d5	46	4.058	4.059	-0.001	86	219751	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.526	4.527	-0.001	95	77630	48.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.880	4.881	-0.001	0	110464	43.6	
* 66 Fluorobenzene	96	5.154	5.155	-0.001	97	345043	50.0	
* 72 1,4-Dioxane-d8	96	5.874	5.874	0.000	0	15217	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.833	6.833	0.000	97	250799	46.1	
* 94 Chlorobenzene-d5	117	8.648	8.648	0.000	90	240021	50.0	
$ 105 4-Bromofluorobenzene	174	9.984	9.984	0.000	87	66410	50.2	
* 121 1,4-Dichlorobenzene-d4	152	10.897	10.897	0.000	97	94436	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

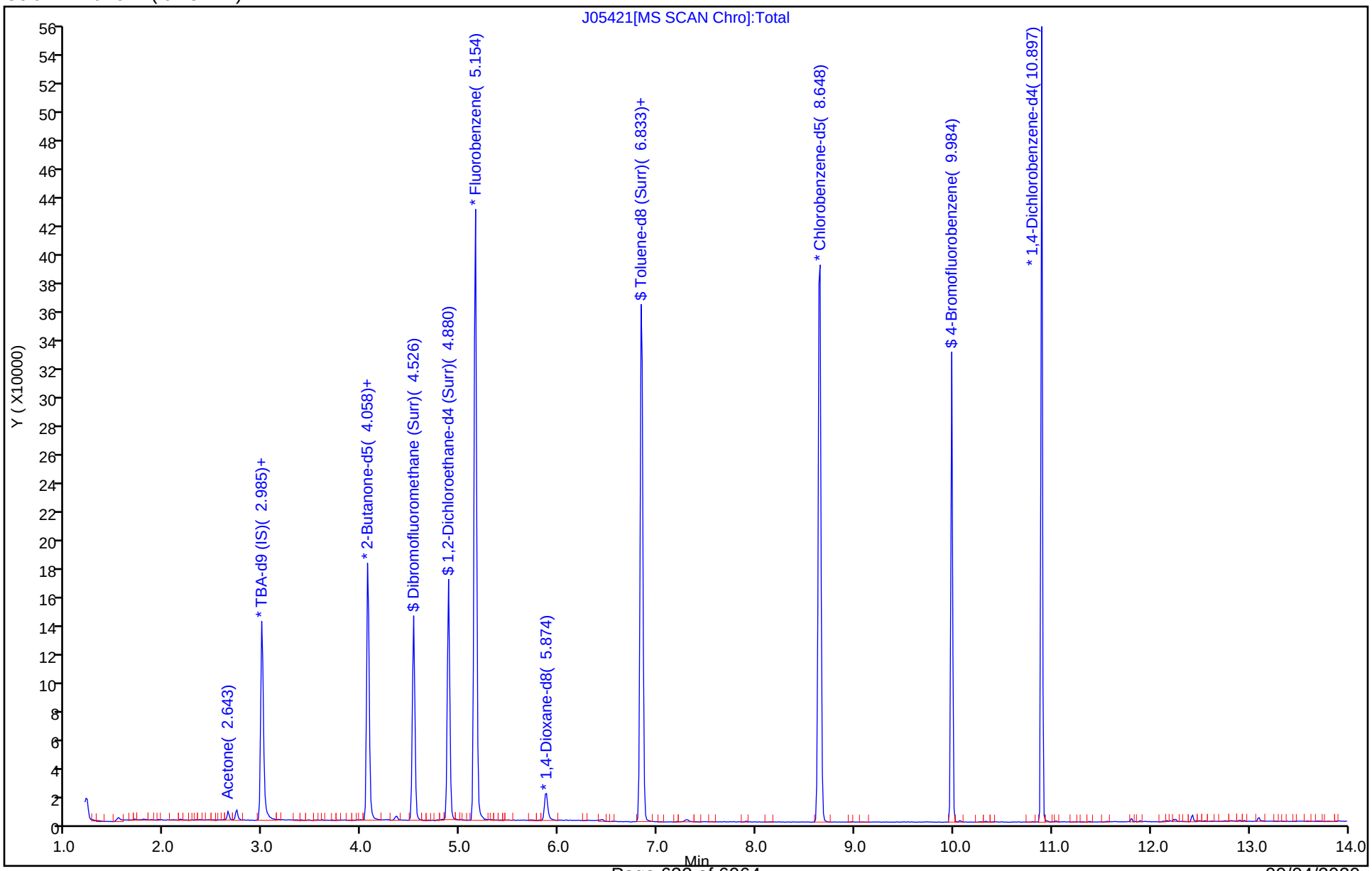
Report Date: 31-Aug-2020 08:14:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05421.D

Injection Date:	30-Aug-2020 13:13:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-217095-A-5	Lab Sample ID:	460-217095-5	Worklist Smp#:	11
Client ID:	TB_20200828				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

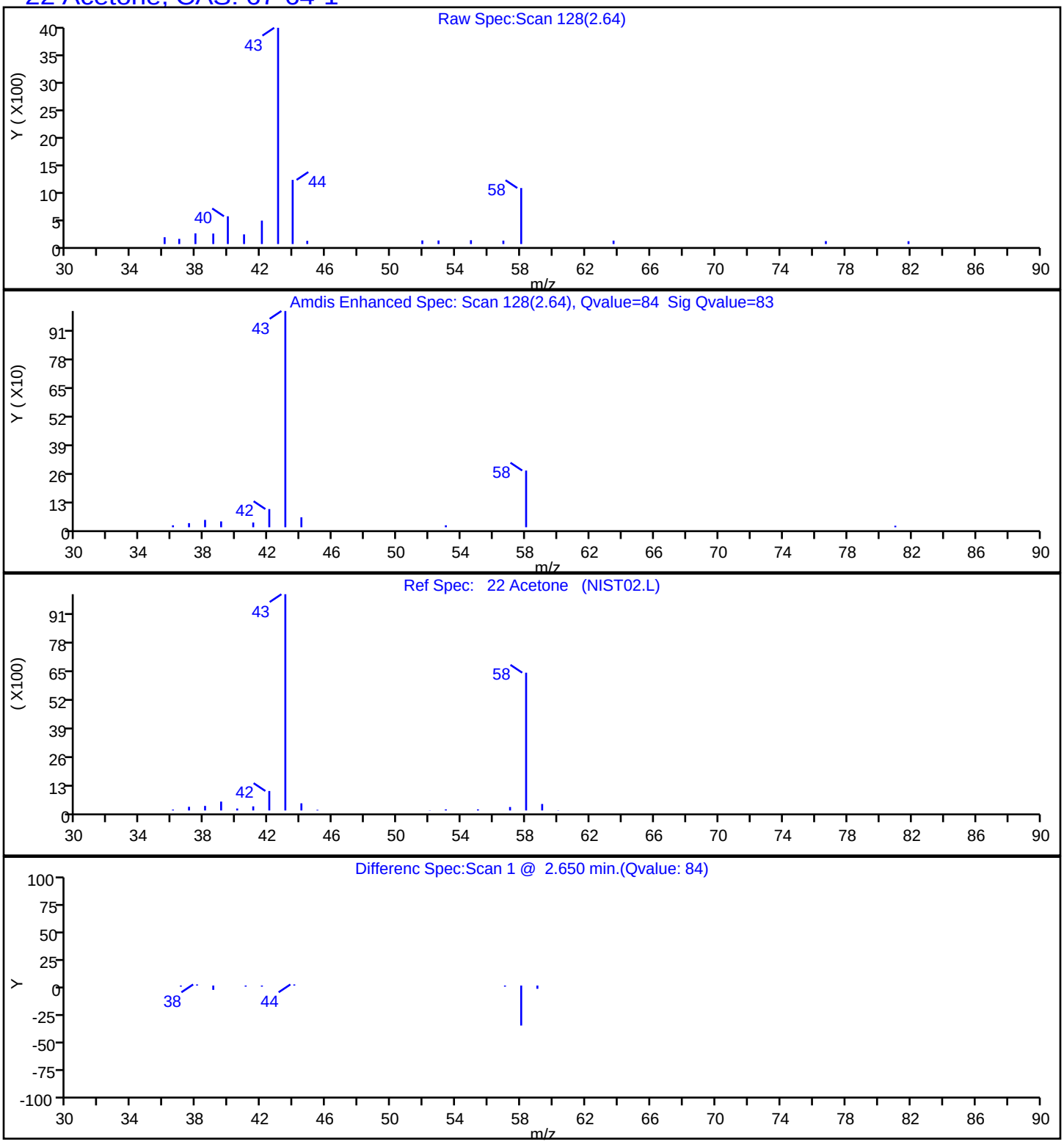
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05421.D				
Injection Date:	30-Aug-2020 13:13:30	Instrument ID:	CVOAMS8		
Lims ID:	460-217095-A-5	Lab Sample ID:	460-217095-5		
Client ID:	TB_20200828				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



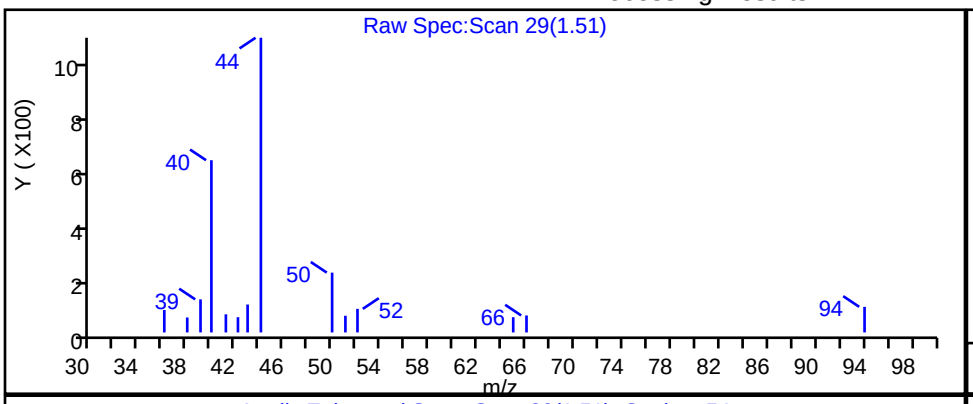
User Disabled Compound Report

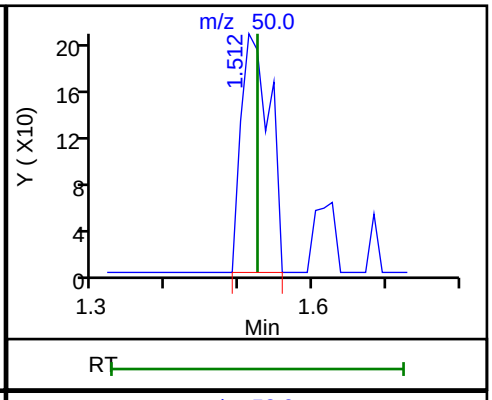
Eurofins TestAmerica, Edison

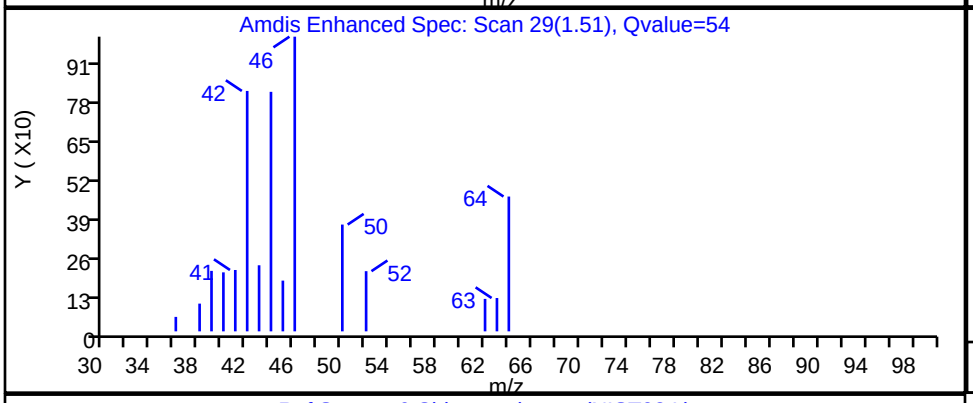
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05421.D		
Injection Date:	30-Aug-2020 13:13:30	Instrument ID:	CVOAMS8
Lims ID:	460-217095-A-5	Lab Sample ID:	460-217095-5
Client ID:	TB_20200828		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

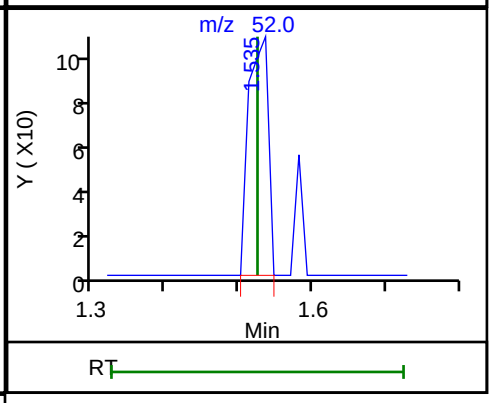
6 Chloromethane, CAS: 74-87-3

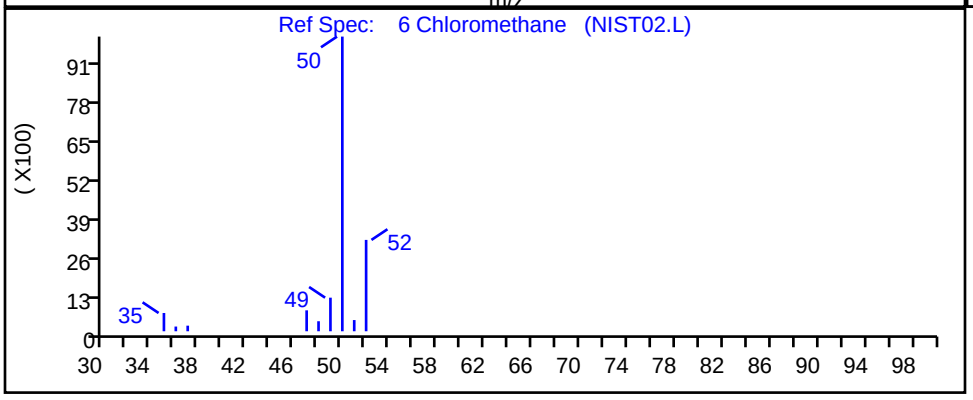
Processing Results











RT	Mass	Response	Amount
1.51	50.00	564	0.214921
1.54	52.00	188	

Reviewer: boykink, 30-Aug-2020 22:54:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-04_20200827 Lab Sample ID: 460-217143-1

Matrix: Water Lab File ID: P79281.D

Analysis Method: 8260C Date Collected: 08/27/2020 14:20

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	1.3		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-04_20200827 Lab Sample ID: 460-217143-1

Matrix: Water Lab File ID: P79281.D

Analysis Method: 8260C Date Collected: 08/27/2020 14:20

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.63	J	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D
Lims ID: 460-217143-B-1
Client ID: TW-04_20200827
Sample Type: Client
Inject. Date: 02-Sep-2020 16:58:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217143-B-1
Misc. Info.: 460-0116151-025
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 12:03:20 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1008

First Level Reviewer: sgroa Date: 02-Sep-2020 16:37:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.860	1.859	0.001	100	134467	1000.0	
46 Chloroform	83	2.655	2.647	0.008	96	6707	1.30	M
$ 51 Dibromofluoromethane (Surr)	113	2.777	2.776	0.001	98	126521	48.4	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	99	145616	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	124787	39.8	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	559531	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	62	17389	1000.0	M
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	542291	52.3	
86 Tetrachloroethene	166	5.370	5.362	0.008	93	1948	0.6262	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	427723	50.0	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	95	169155	49.4	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	246974	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

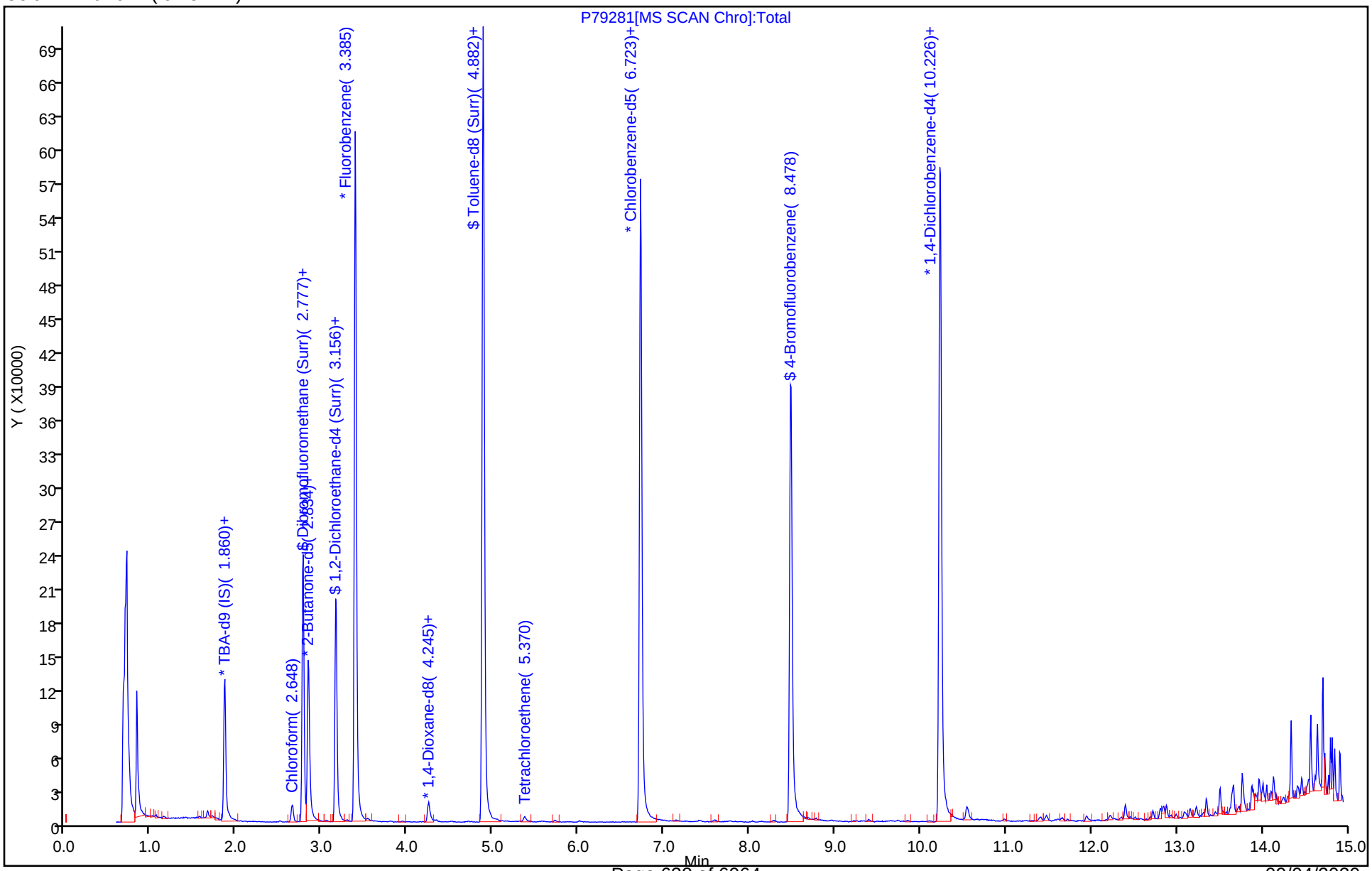
Report Date: 03-Sep-2020 12:03:21 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D

Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1	Worklist Smp#:	25
Client ID:	TW-04_20200827				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

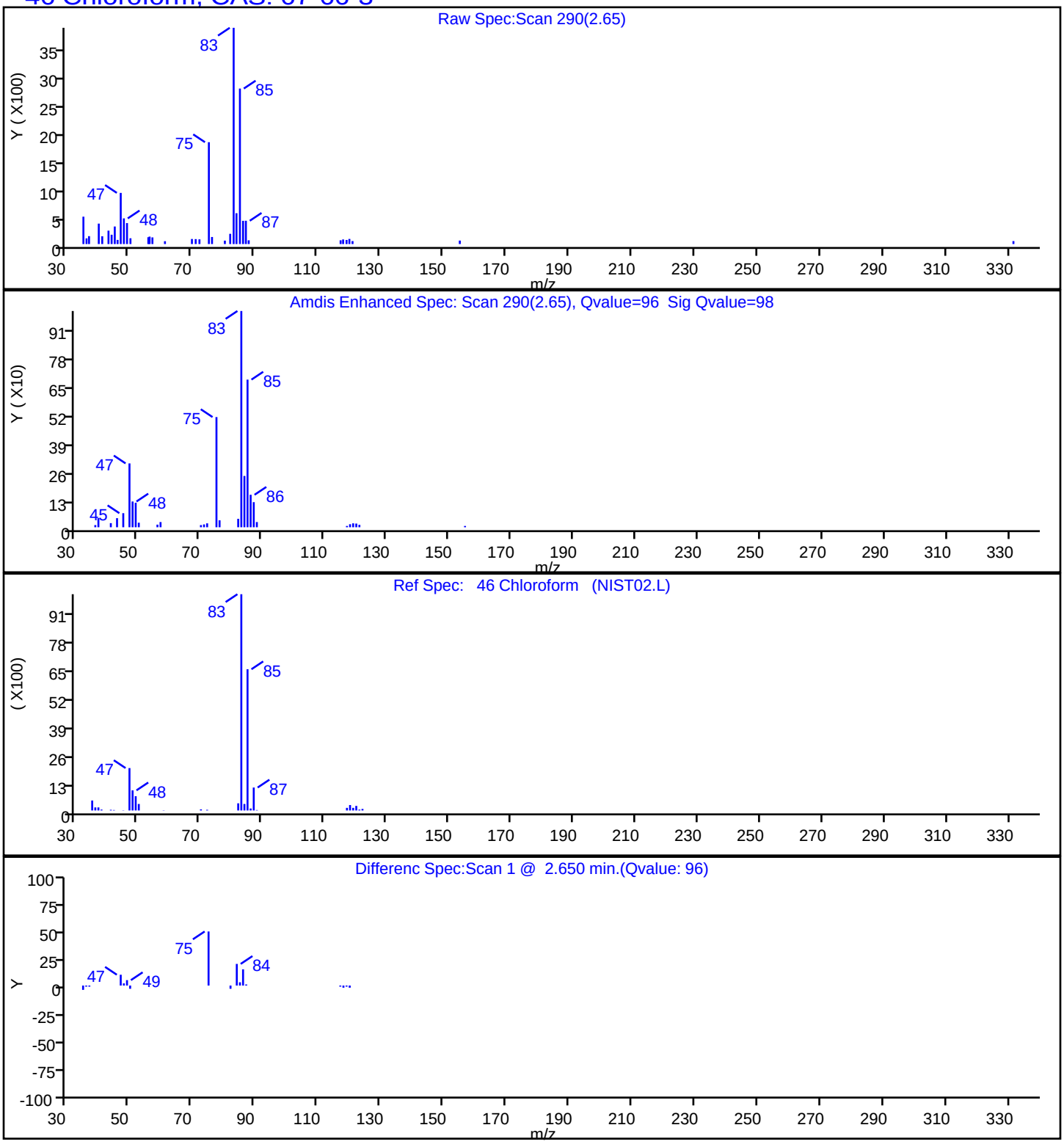
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D		
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1
Client ID:	TW-04_20200827		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

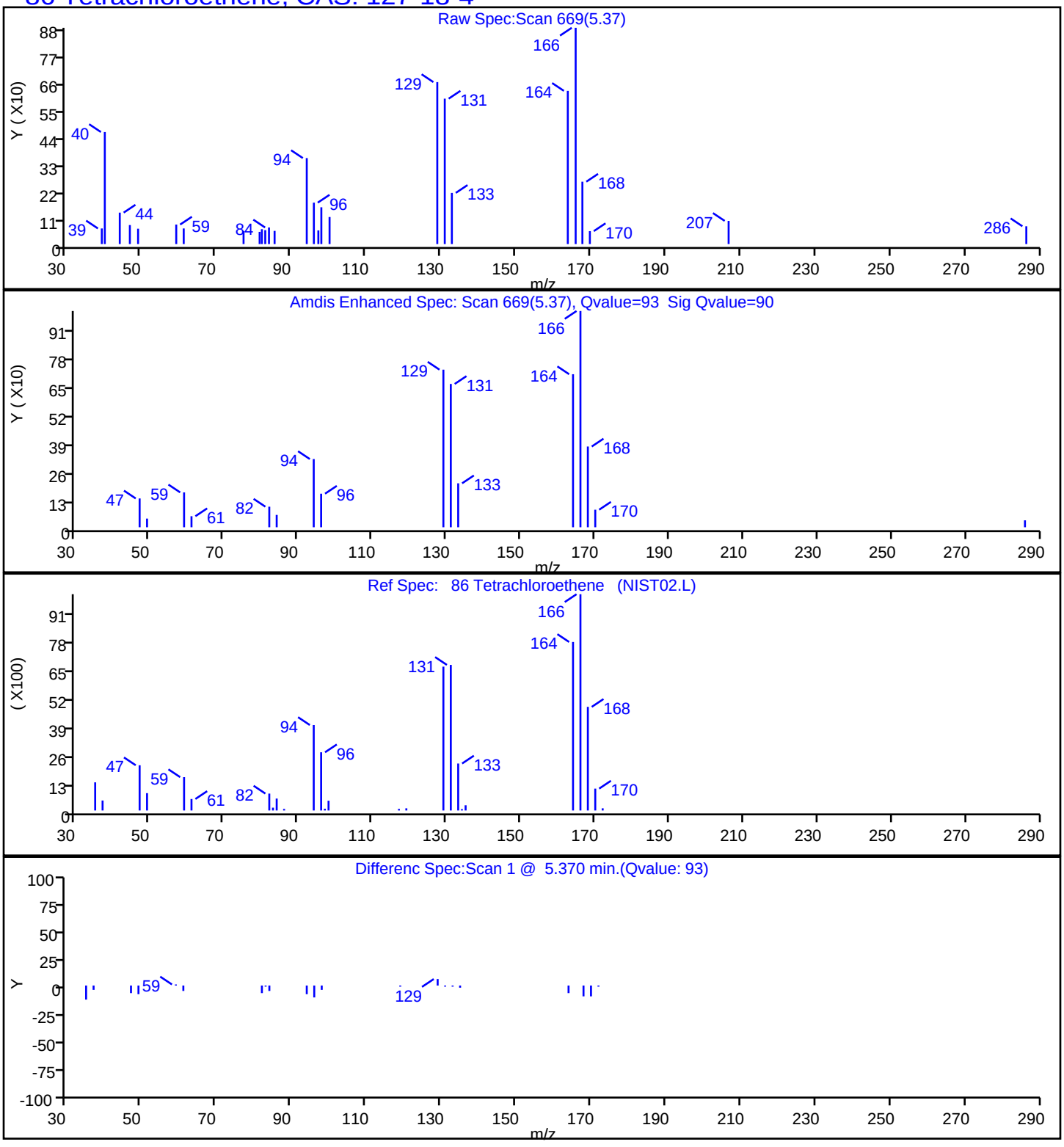
46 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D		
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1
Client ID:	TW-04_20200827		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



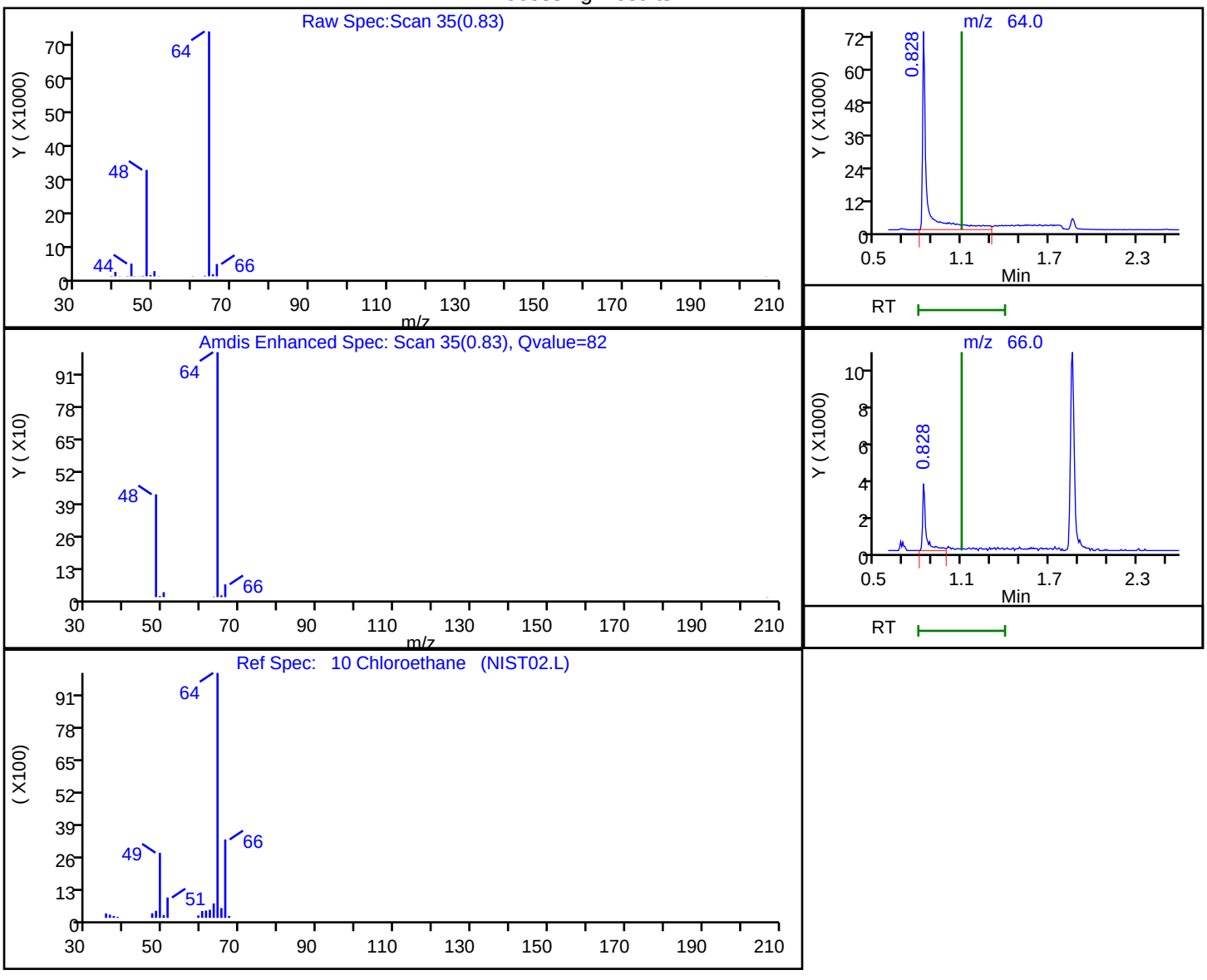
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D				
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13		
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1		
Client ID:	TW-04_20200827				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.83	64.00	149767	48.248526
0.83	66.00	6092	

Reviewer: sgroa, 02-Sep-2020 16:37:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

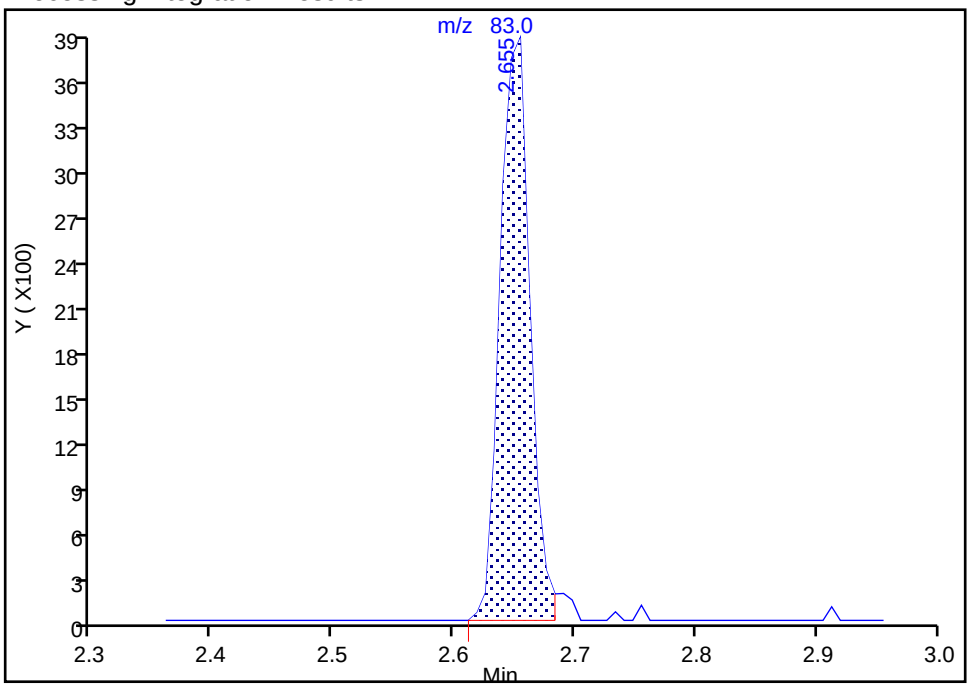
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D		
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1
Client ID:	TW-04_20200827		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

46 Chloroform, CAS: 67-66-3

Signal: 1

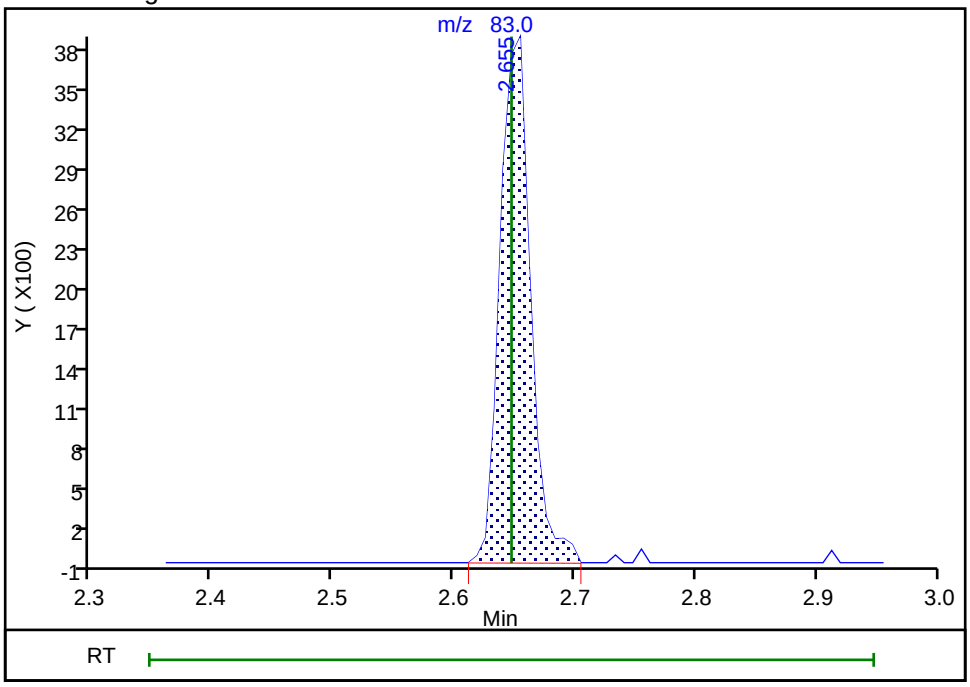
Processing Integration Results

RT: 2.65
Area: 6557
Amount: 1.266756
Amount Units: ug/l



Manual Integration Results

RT: 2.65
Area: 6707
Amount: 1.295735
Amount Units: ug/l



Reviewer: asfawa, 03-Sep-2020 10:48:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

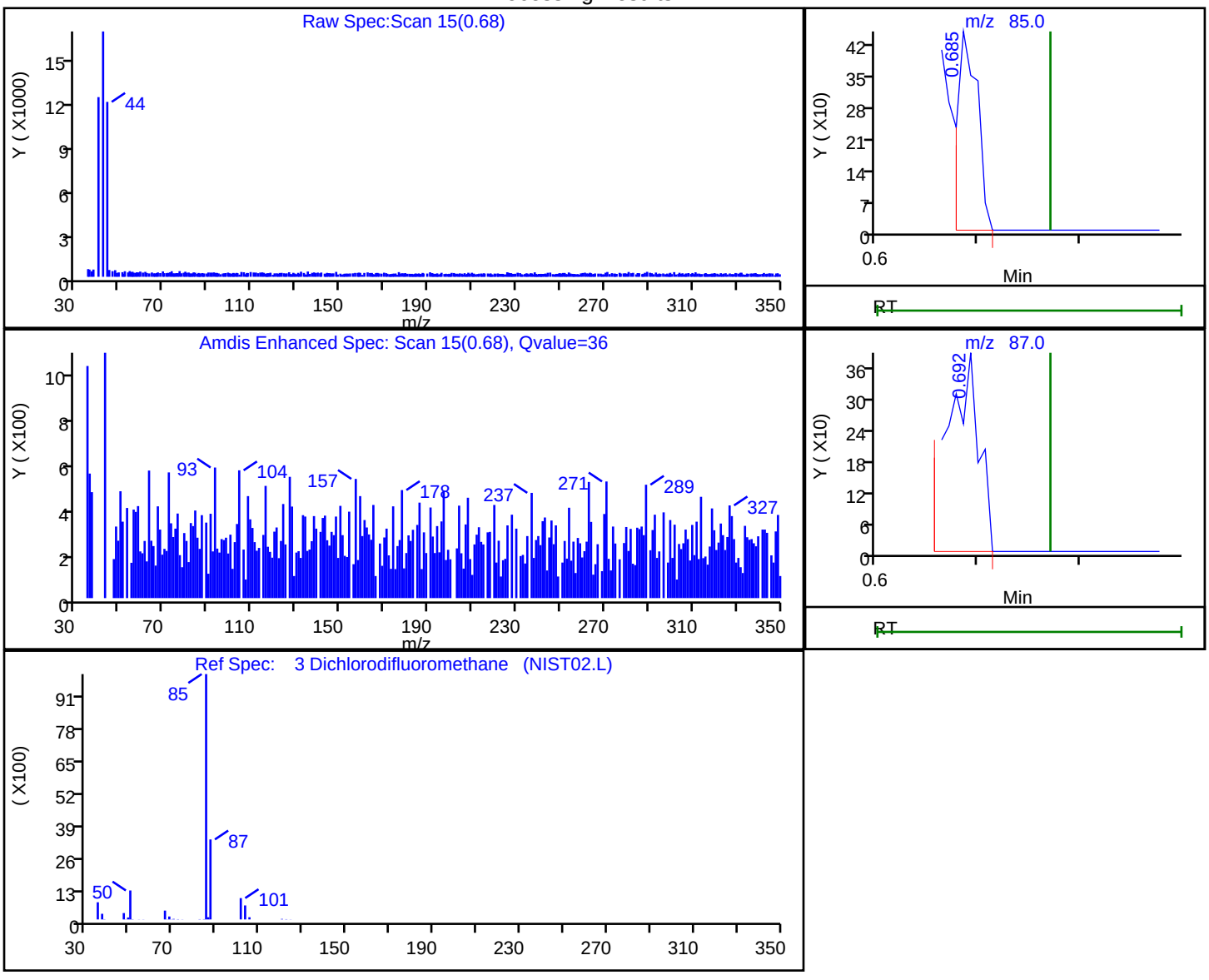
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D		
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1
Client ID:	TW-04_20200827		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.68	85.00	606	0.133945
0.69	87.00	756	

Reviewer: sgroa, 02-Sep-2020 16:37:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

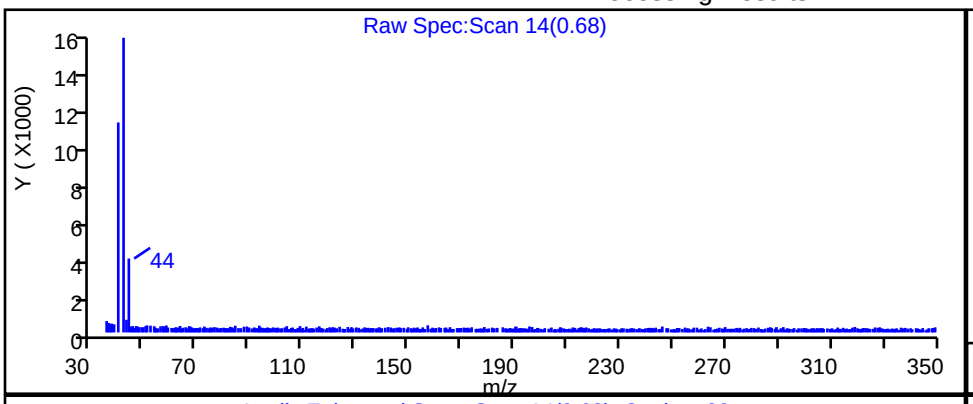
User Disabled Compound Report

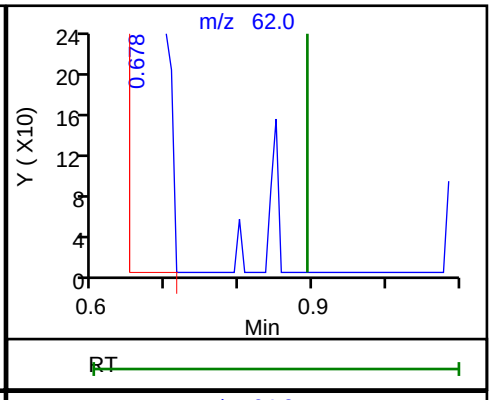
Eurofins TestAmerica, Edison

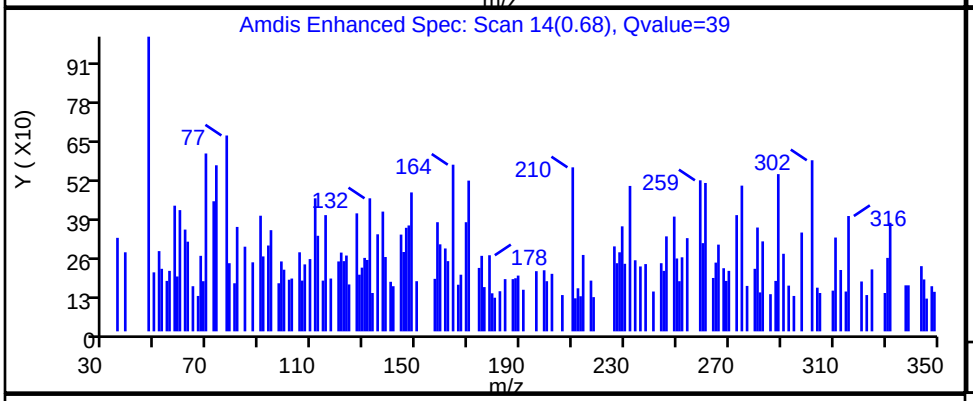
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D		
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1
Client ID:	TW-04_20200827		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

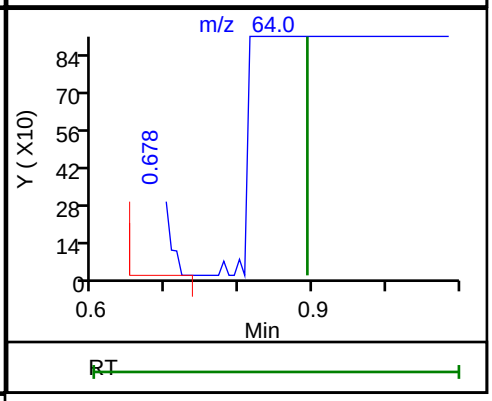
7 Vinyl chloride, CAS: 75-01-4

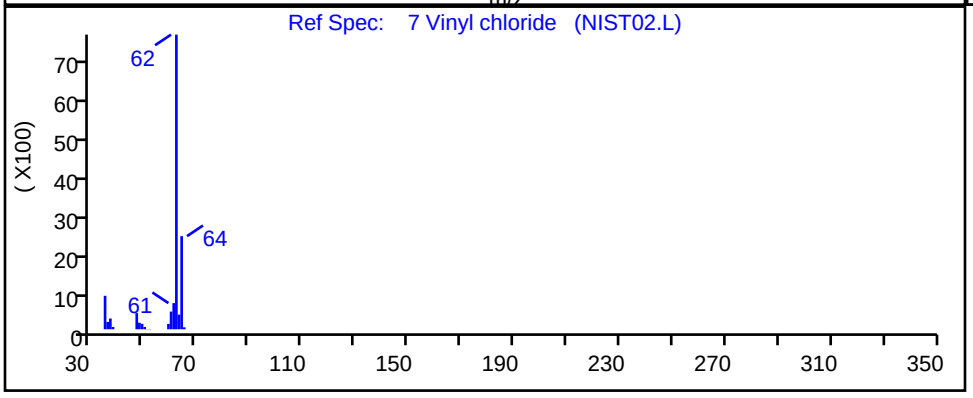
Processing Results











RT	Mass	Response	Amount
0.68	62.00	969	0.227798
0.68	64.00	862	

Reviewer: sgroa, 02-Sep-2020 16:37:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

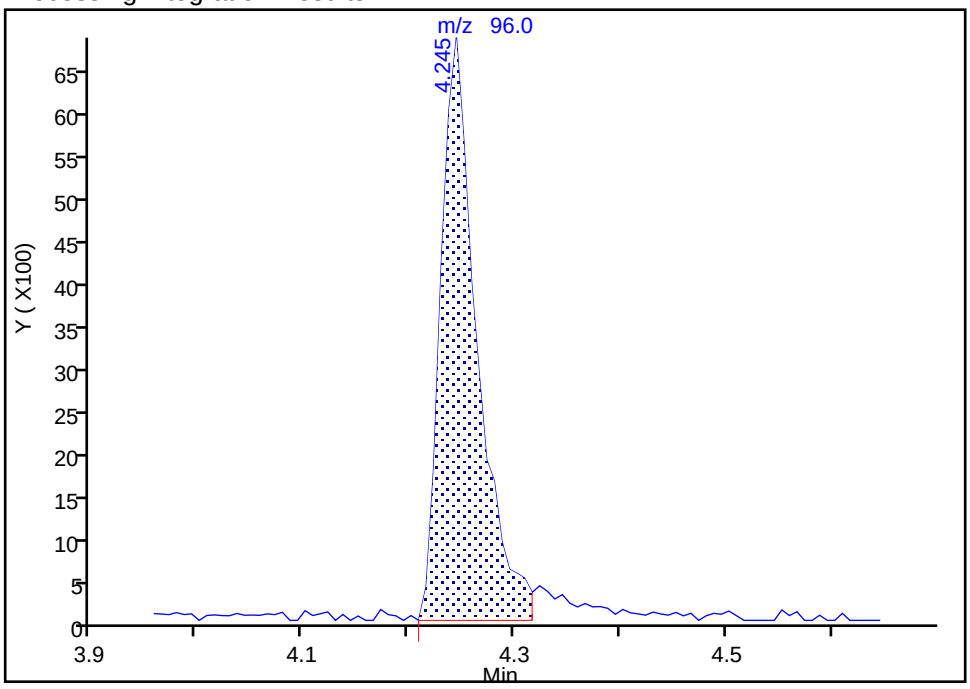
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79281.D		
Injection Date:	02-Sep-2020 16:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-217143-B-1	Lab Sample ID:	460-217143-1
Client ID:	TW-04_20200827		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

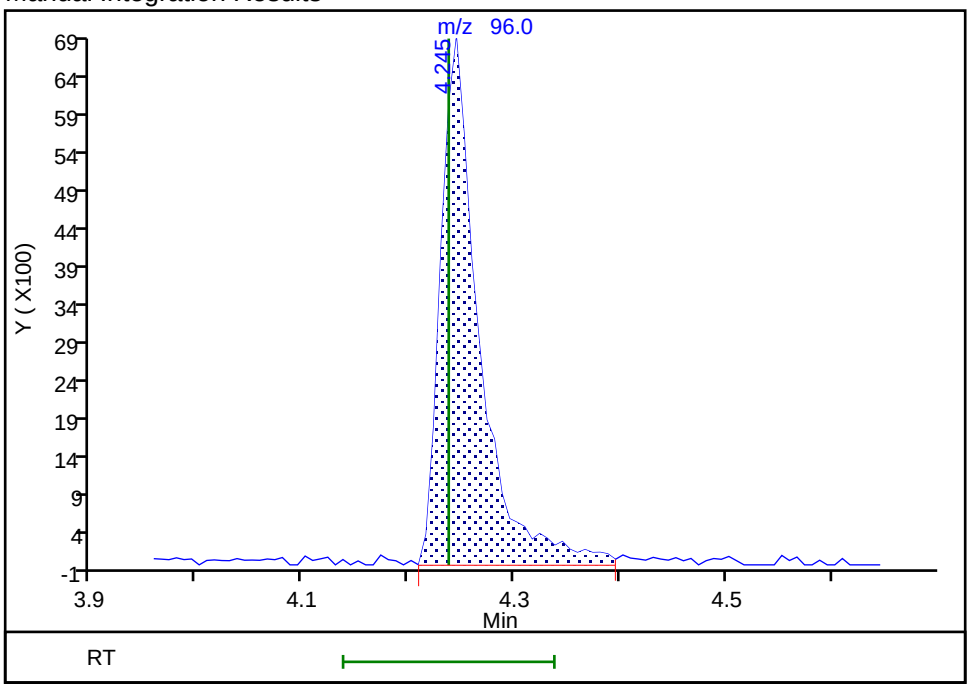
Processing Integration Results

RT: 4.24
Area: 16307
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 17389
Amount: 1000.0000
Amount Units: ug/l



Reviewer: asfawa, 03-Sep-2020 10:48:19

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-01_20200828 Lab Sample ID: 460-217163-1

Matrix: Water Lab File ID: TT129160.D

Analysis Method: 8260C Date Collected: 08/28/2020 06:53

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 22:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	5.2		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	1.1		1.0	0.33
74-87-3	Chloromethane	0.90	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-01_20200828 Lab Sample ID: 460-217163-1

Matrix: Water Lab File ID: TT129160.D

Analysis Method: 8260C Date Collected: 08/28/2020 06:53

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 22:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.78	J	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D
Lims ID: 460-217163-B-1
Client ID: TW-01_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 22:22:30 ALS Bottle#: 11 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-B-1
Misc. Info.: 460-0116195-009
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 11:22:42 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 23:01:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.458	1.470	-0.012	98	4820	0.9048	
22 Acetone	43	2.397	2.397	0.000	91	4467	5.23	
* 31 TBA-d9 (IS)	66	2.695	2.702	-0.007	99	41501	1000.0	
* 42 2-Butanone-d5	46	3.652	3.659	-0.007	100	268469	250.0	
52 Chloroform	83	3.933	3.939	-0.006	98	5732	1.13	
$ 55 Dibromofluoromethane (Surr)	113	4.079	4.086	-0.006	96	134722	49.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.396	4.403	-0.007	97	145360	49.3	
* 66 Fluorobenzene	96	4.652	4.659	-0.007	99	532176	50.0	
* 72 1,4-Dioxane-d8	96	5.323	5.305	0.018	90	21033	1000.0	s
$ 83 Toluene-d8 (Surr)	98	6.237	6.238	-0.001	100	431614	51.2	
88 Tetrachloroethene	166	6.890	6.890	0.000	88	1992	0.7785	
* 94 Chlorobenzene-d5	117	7.956	7.957	-0.001	86	329396	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.475	0.006	0	118398	46.1	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	175179	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 11:25:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D

Injection Date: 02-Sep-2020 22:22:30 Instrument ID: CVOAMS17

Lims ID: 460-217163-B-1 Lab Sample ID: 460-217163-1

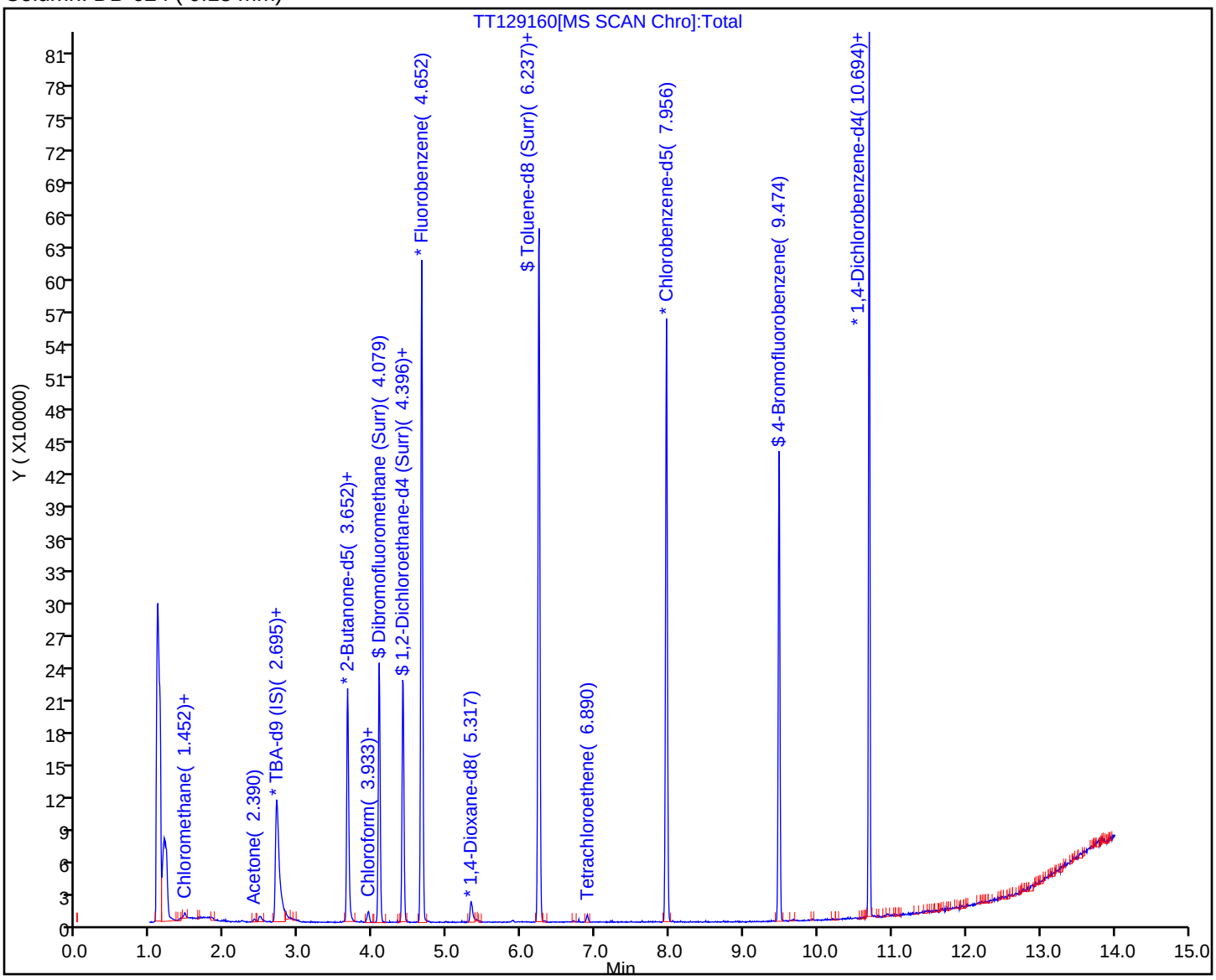
Client ID: TW-01_20200828

Operator ID: ALS Bottle#: 11 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

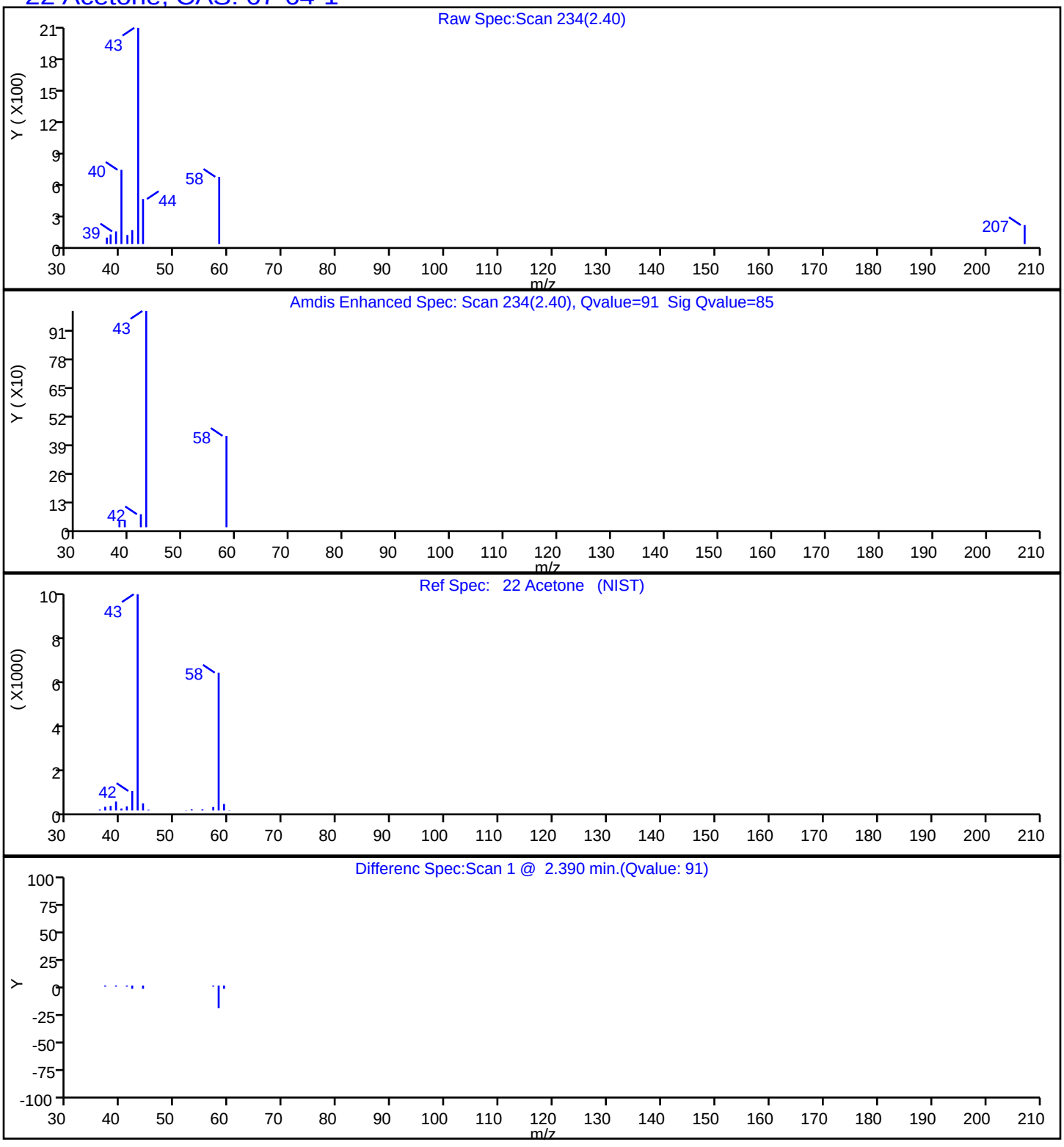
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D		
Injection Date:	02-Sep-2020 22:22:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-1	Lab Sample ID:	460-217163-1
Client ID:	TW-01_20200828		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

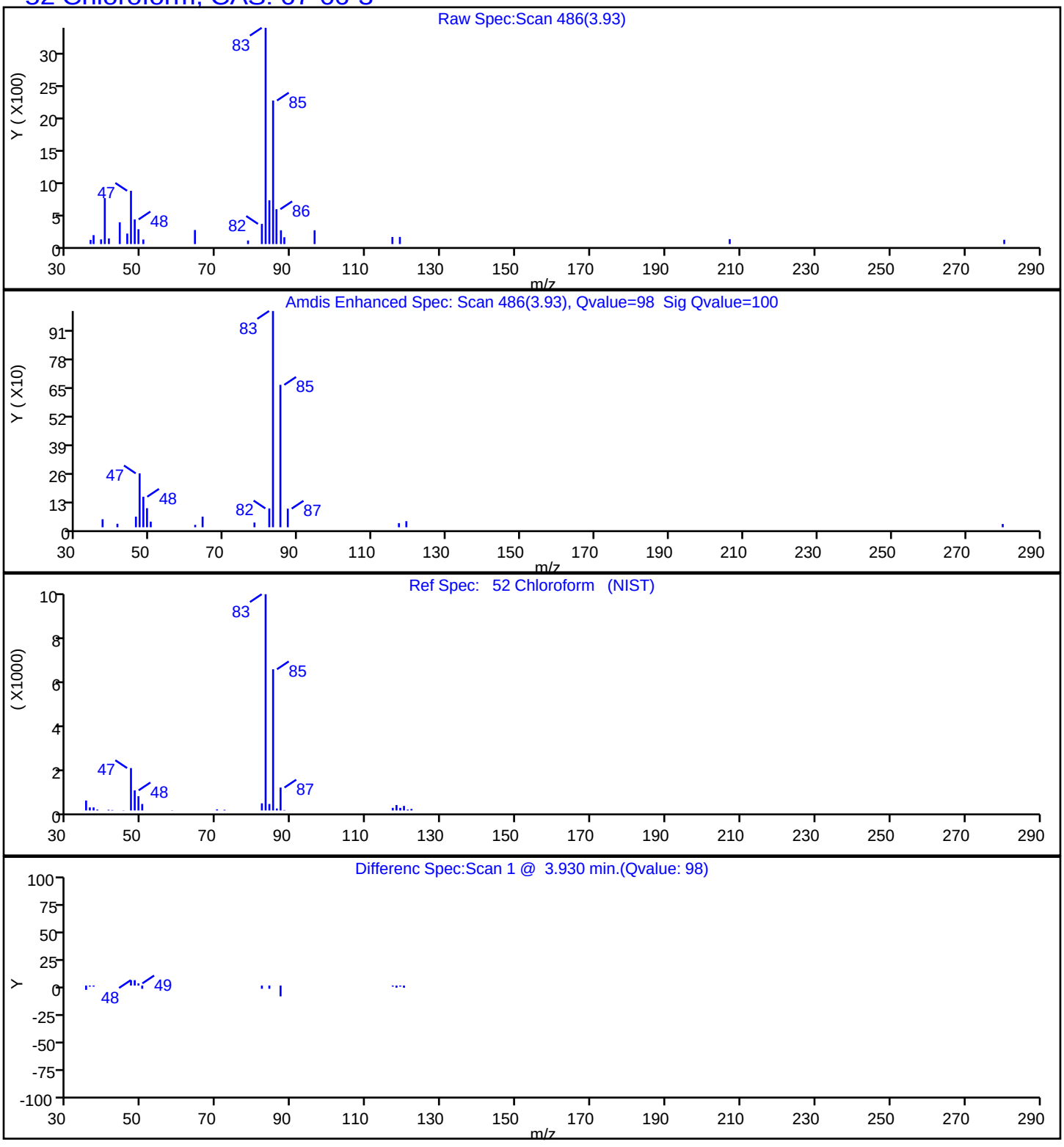
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D				
Injection Date:	02-Sep-2020 22:22:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-1	Lab Sample ID:	460-217163-1		
Client ID:	TW-01_20200828				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

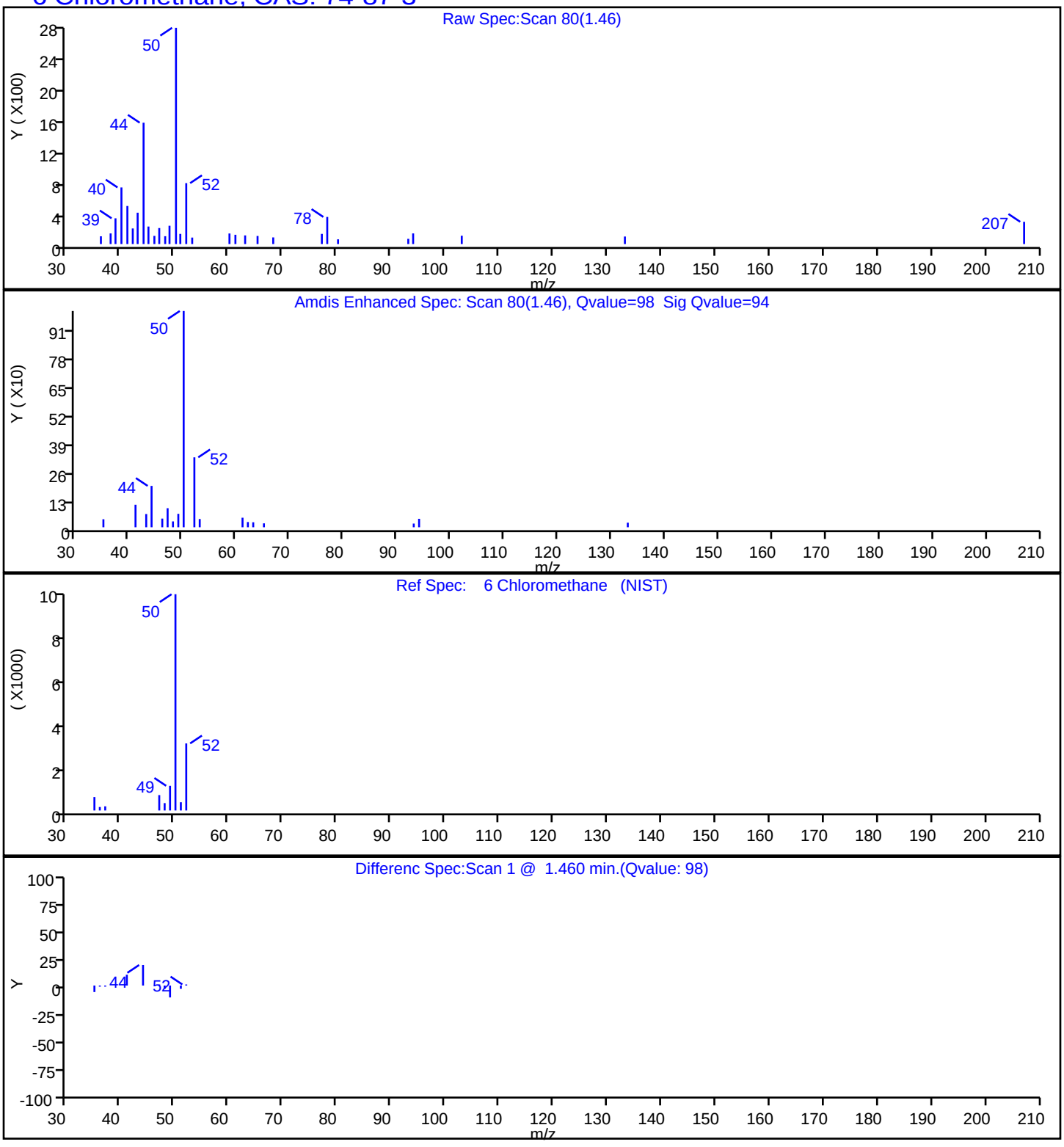
52 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D				
Injection Date:	02-Sep-2020 22:22:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-1	Lab Sample ID:	460-217163-1		
Client ID:	TW-01_20200828				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

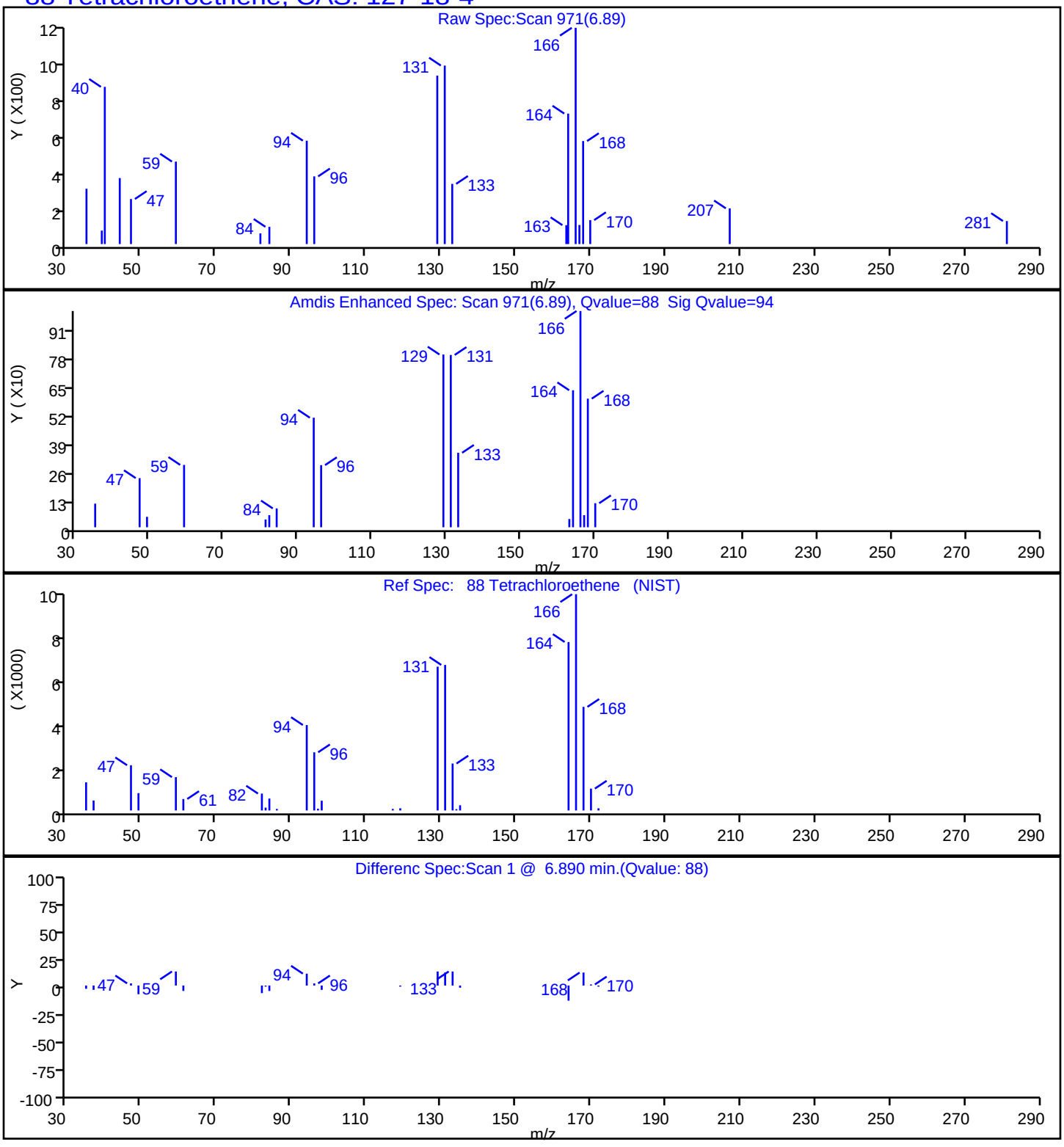
6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D		
Injection Date:	02-Sep-2020 22:22:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-1	Lab Sample ID:	460-217163-1
Client ID:	TW-01_20200828		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



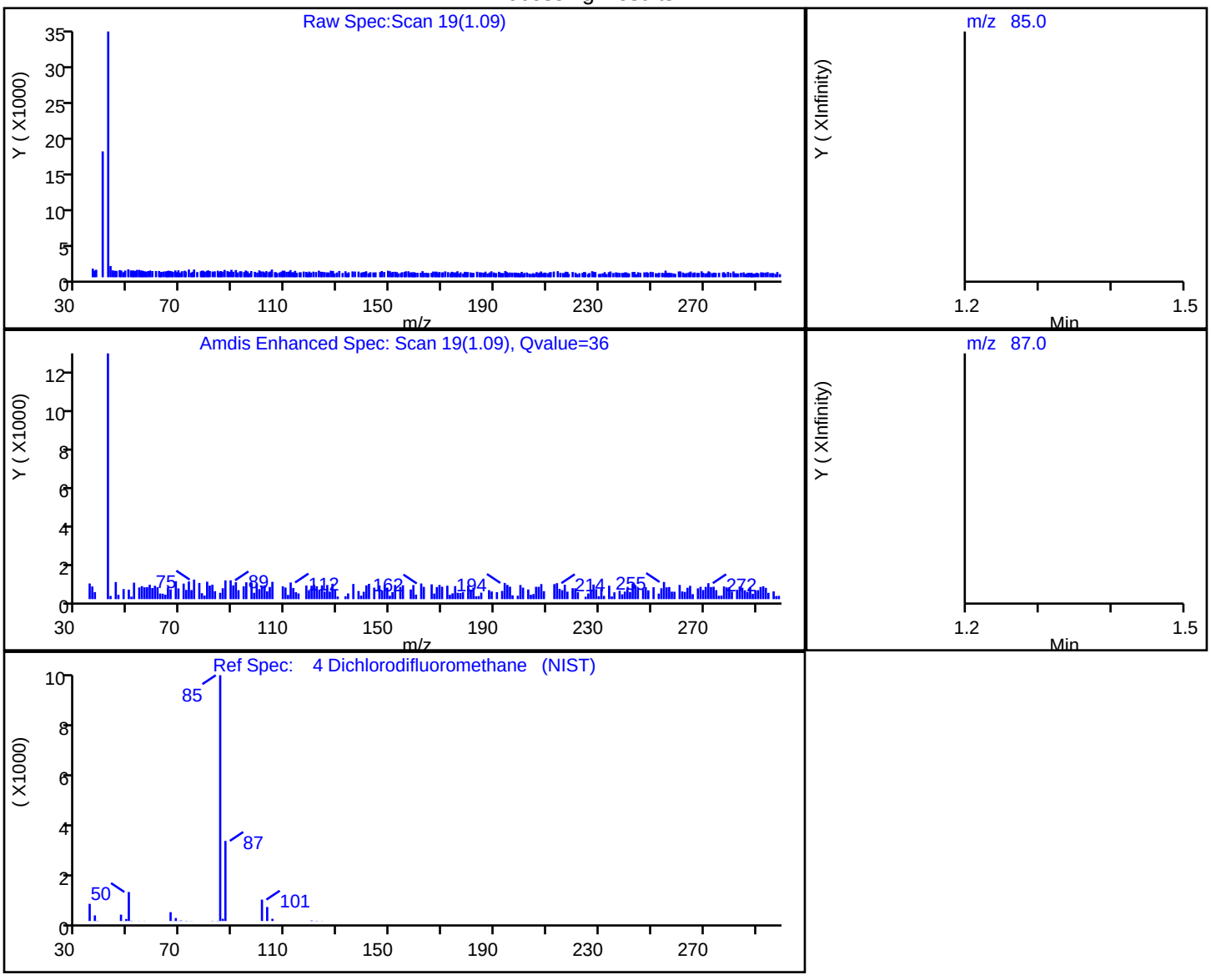
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129160.D				
Injection Date:	02-Sep-2020 22:22:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-1	Lab Sample ID:	460-217163-1		
Client ID:	TW-01_20200828				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.09	85.00	1816	0.334808
1.09	87.00	3010	

Reviewer: parekhv, 02-Sep-2020 23:01:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-18_20200828 Lab Sample ID: 460-217163-2

Matrix: Water Lab File ID: TT129141.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:07

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 14:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.5	J	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.56	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-18_20200828 Lab Sample ID: 460-217163-2

Matrix: Water Lab File ID: TT129141.D

Analysis Method: 8260C Date Collected: 08/28/2020 08:07

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 14:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	3.6		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.40	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D
Lims ID: 460-217163-B-2
Client ID: TW-18_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 14:59:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-B-2
Misc. Info.: 460-0116143-025
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:30:07 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: xuyvo Date: 03-Sep-2020 10:30:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.476	1.458	0.018	94	2823	0.5620	
22 Acetone	43	2.415	2.397	0.018	84	3674	4.55	Ma
* 31 TBA-d9 (IS)	66	2.714	2.701	0.013	99	41711	1000.0	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	100	254101	250.0	
52 Chloroform	83	3.945	3.939	0.006	95	1482	0.3102	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	96	127822	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.409	4.402	0.006	97	141986	51.0	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	501795	50.0	
68 Trichloroethene	95	4.982	4.981	0.001	90	1158	0.4006	
* 72 1,4-Dioxane-d8	96	5.323	5.317	0.006	90	23509	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	405991	49.7	
88 Tetrachloroethene	166	6.890	6.890	0.000	95	8935	3.60	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	86	319171	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	114711	46.1	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	170471	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 10:30:07 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D

Injection Date: 02-Sep-2020 14:59:30 Instrument ID: CVOAMS17

Lims ID: 460-217163-B-2 Lab Sample ID: 460-217163-2

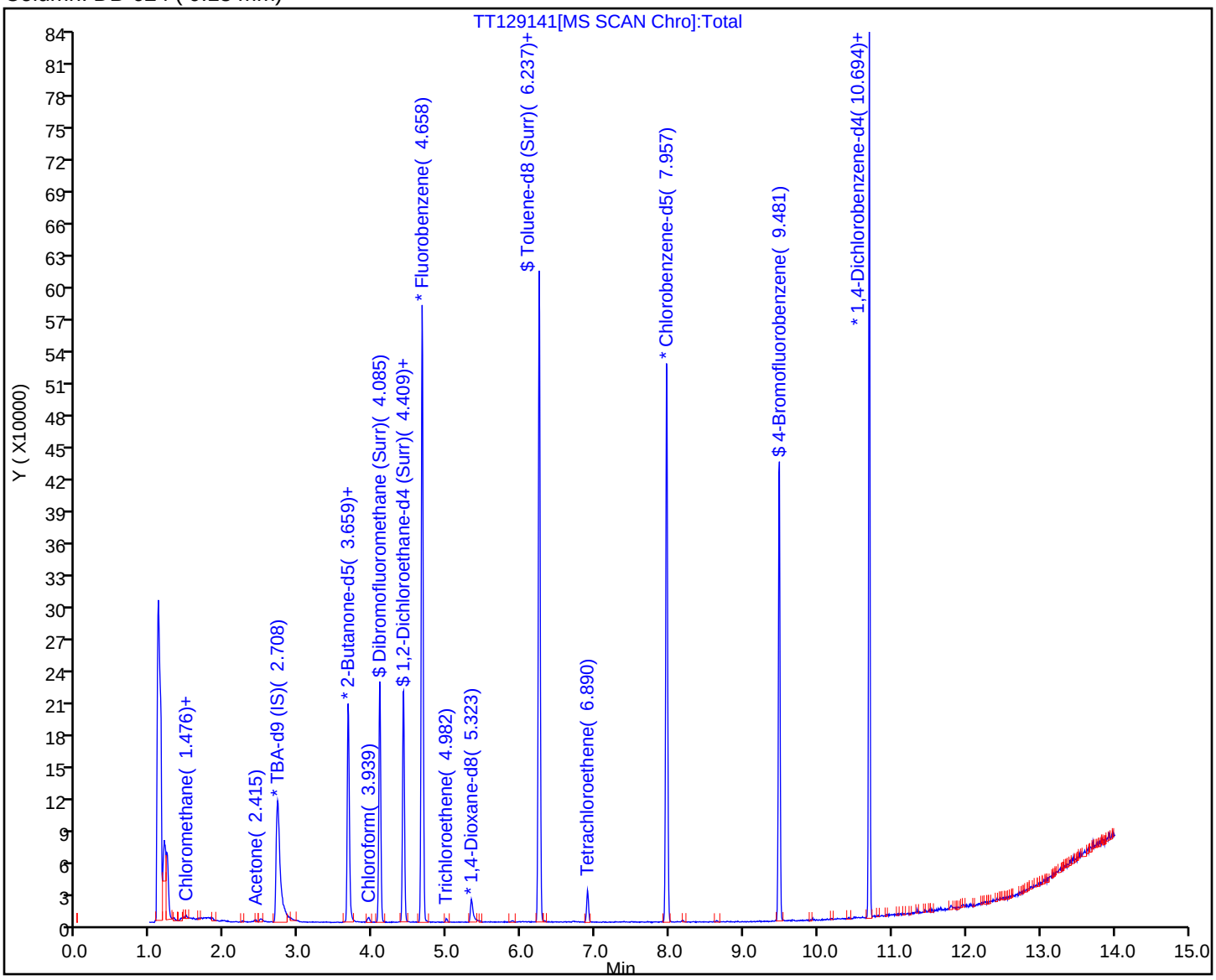
Client ID: TW-18_20200828

Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

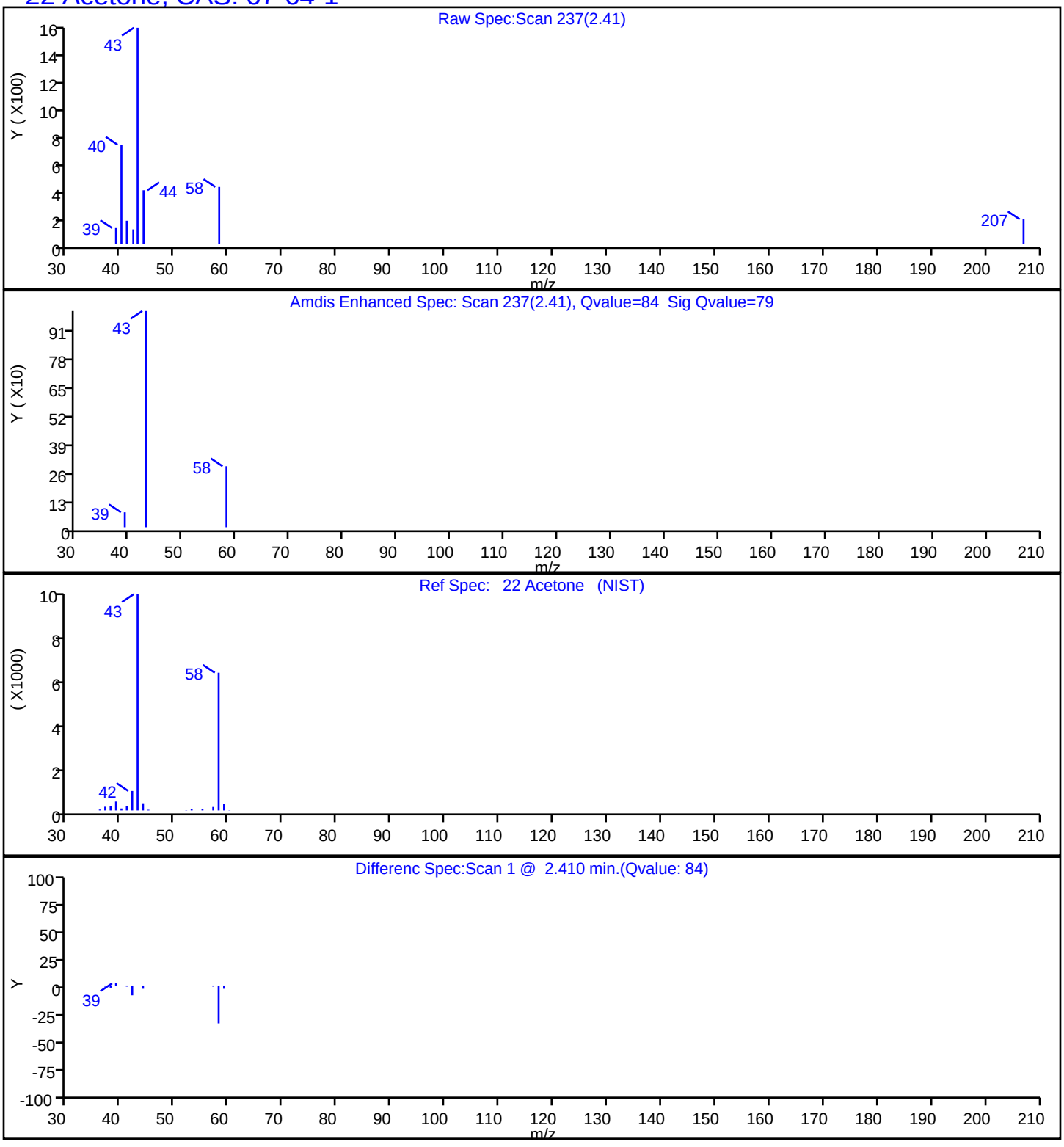
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D		
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2
Client ID:	TW-18_20200828		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

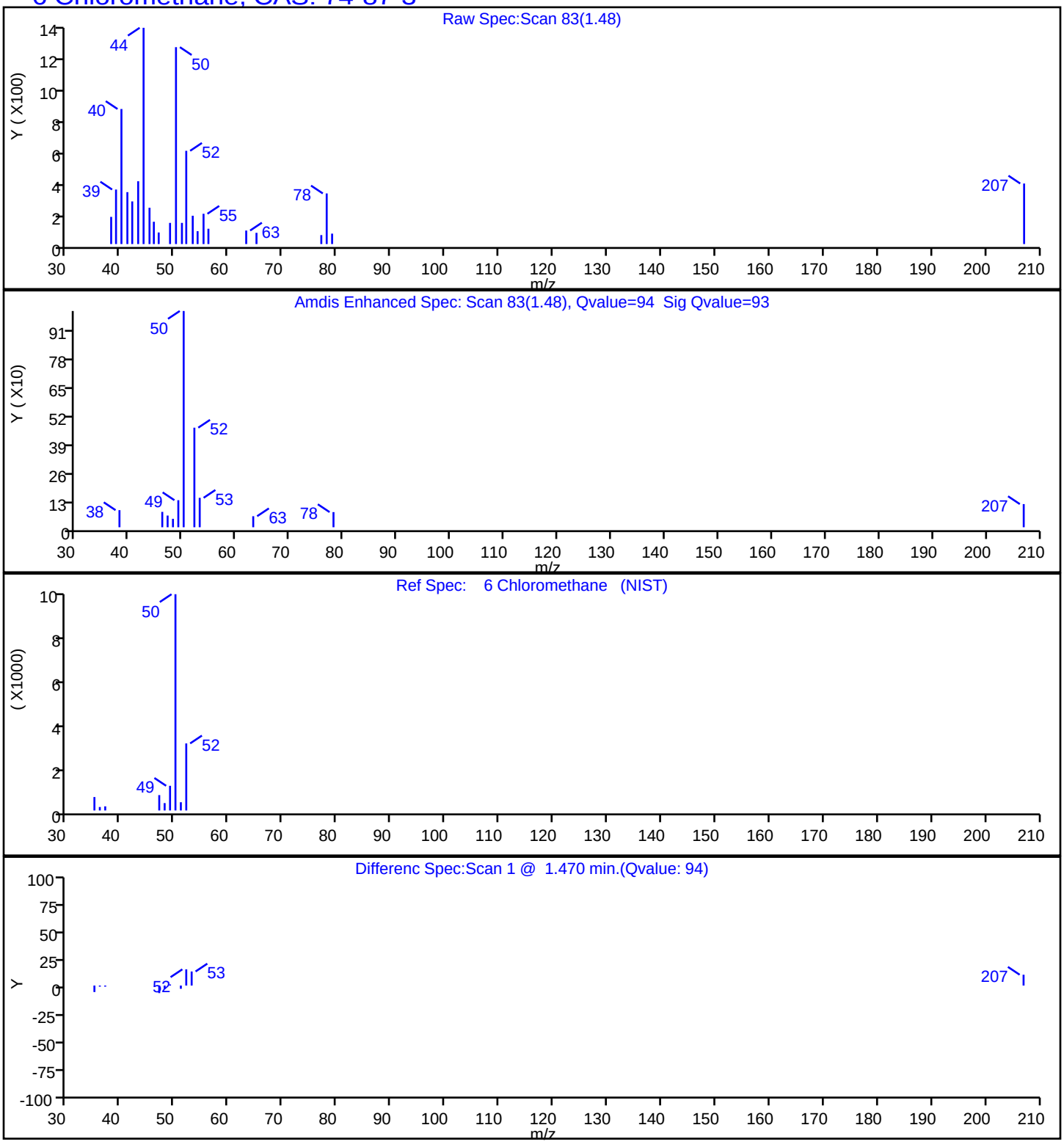
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D		
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2
Client ID:	TW-18_20200828		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

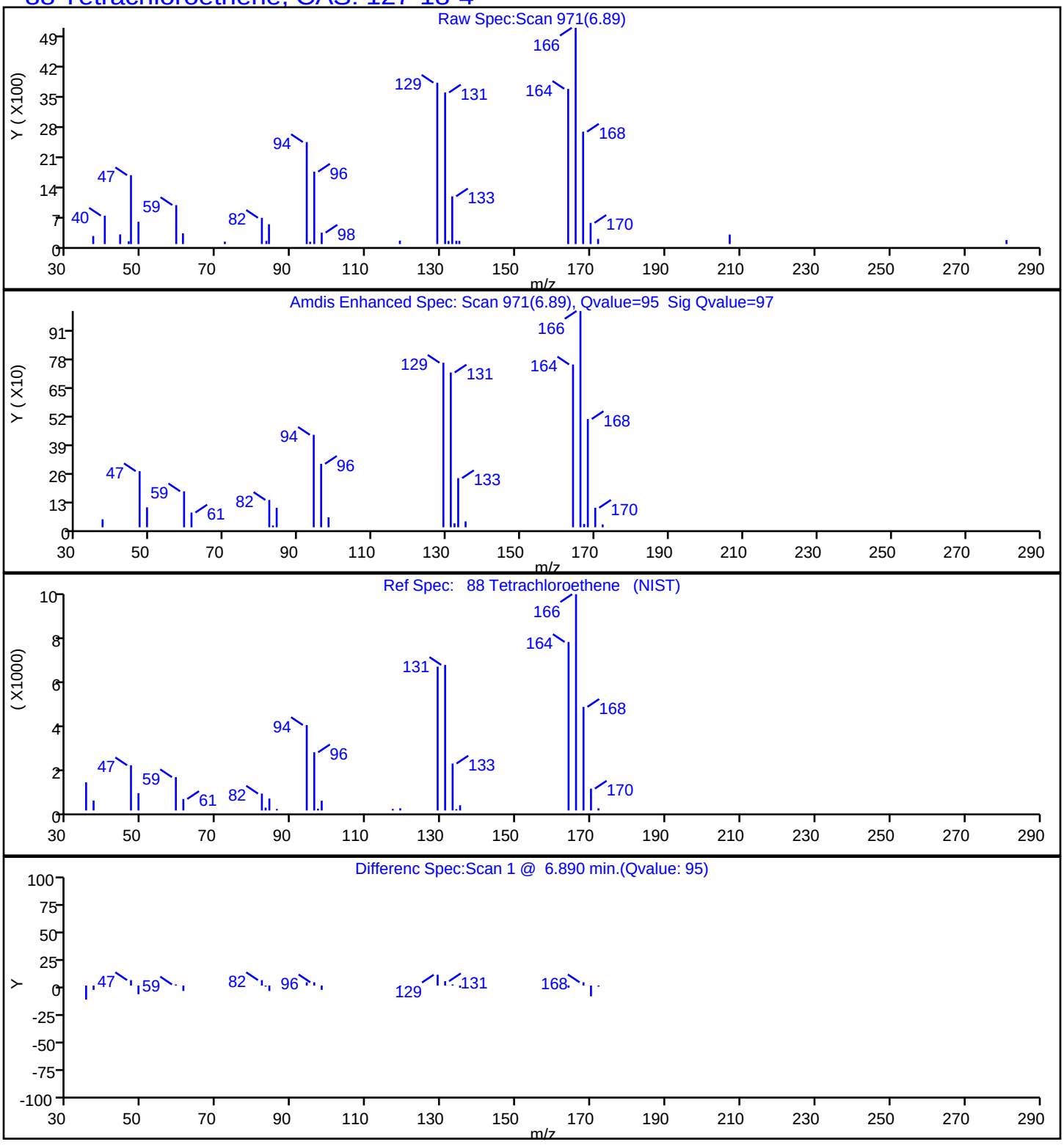
6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D		
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2
Client ID:	TW-18_20200828		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

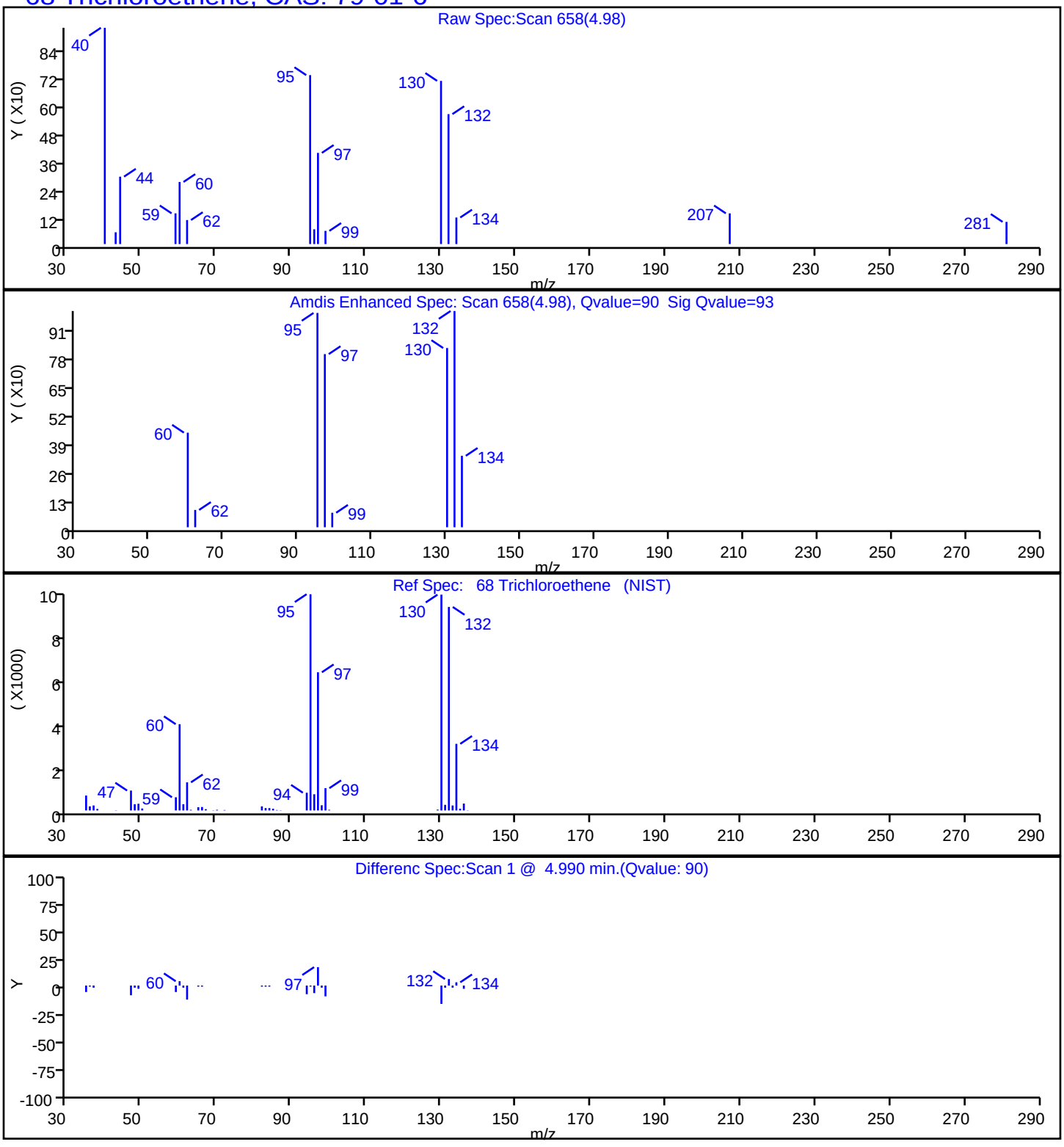
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D		
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2
Client ID:	TW-18_20200828		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



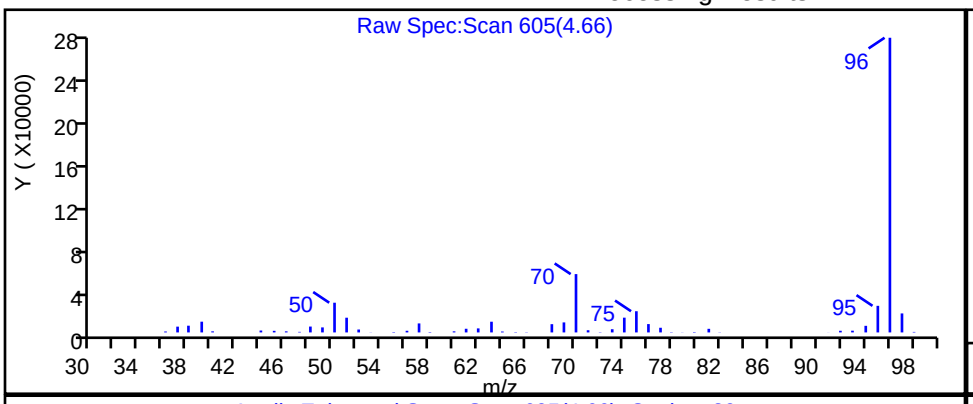
User Disabled Compound Report

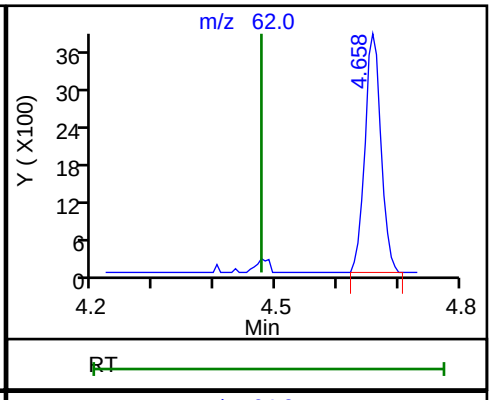
Eurofins TestAmerica, Edison

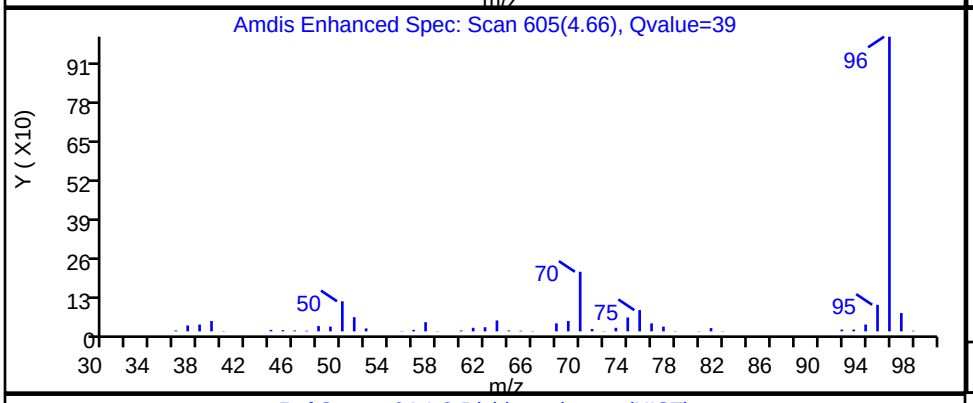
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D		
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2
Client ID:	TW-18_20200828		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

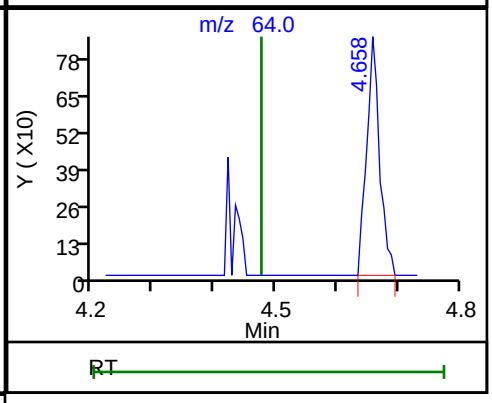
64 1,2-Dichloroethane, CAS: 107-06-2

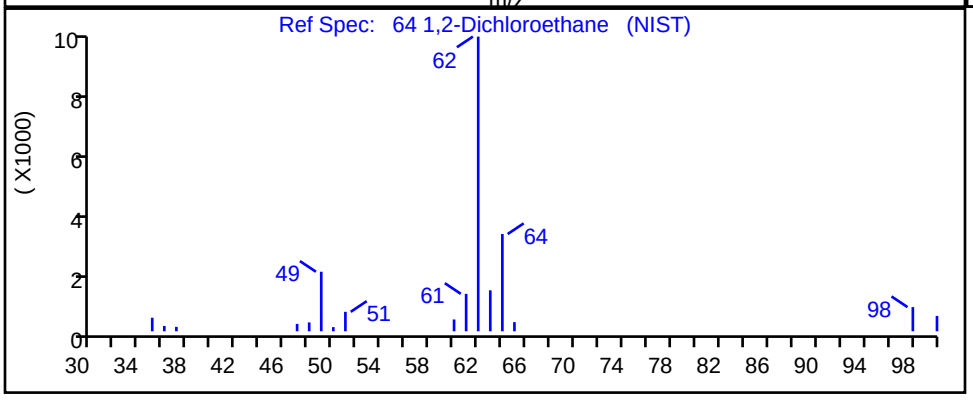
Processing Results











RT	Mass	Response	Amount
4.66	62.00	7001	1.979966
4.66	64.00	1260	

Reviewer: parekhv, 02-Sep-2020 16:53:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

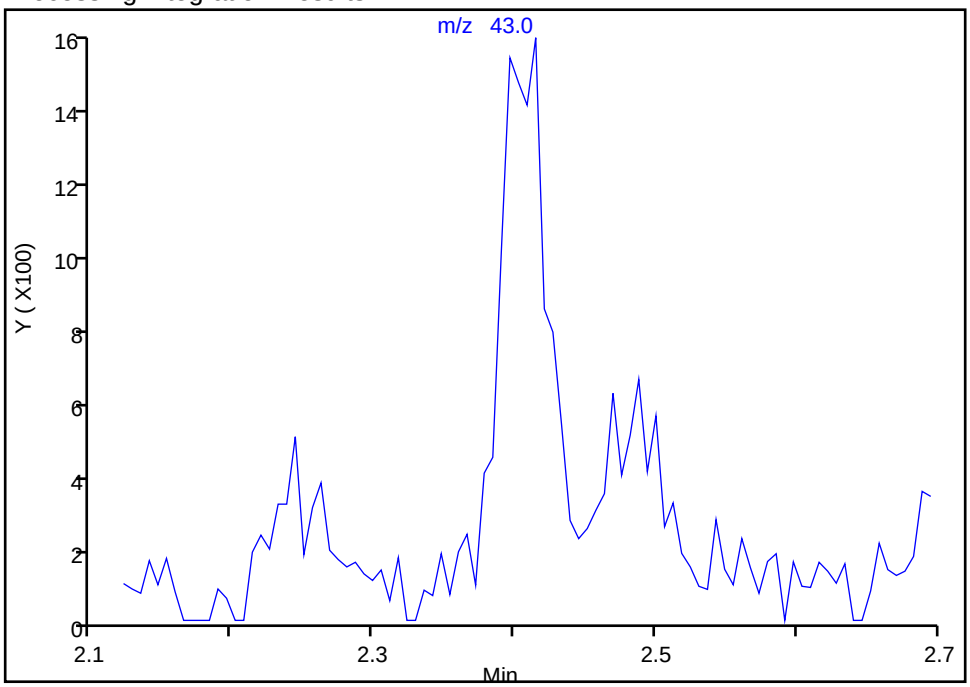
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D		
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2
Client ID:	TW-18_20200828		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

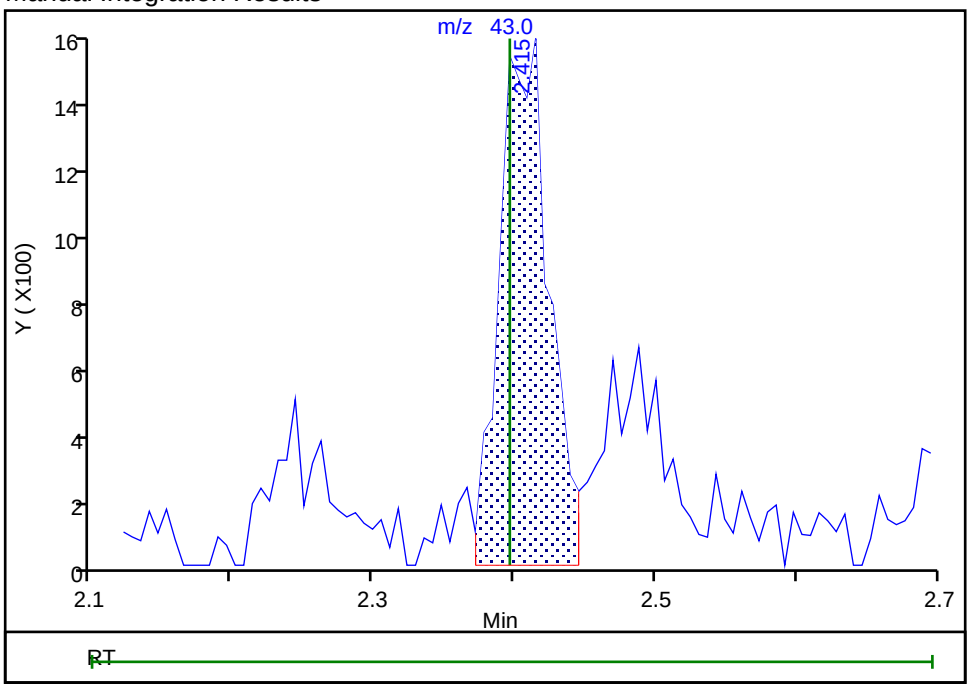
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.41
Area: 3674
Amount: 4.545064
Amount Units: ug/l



Reviewer: xuyvo, 03-Sep-2020 10:29:53
Audit Action: Assigned New Baseline Audit Reason: Assign Peak

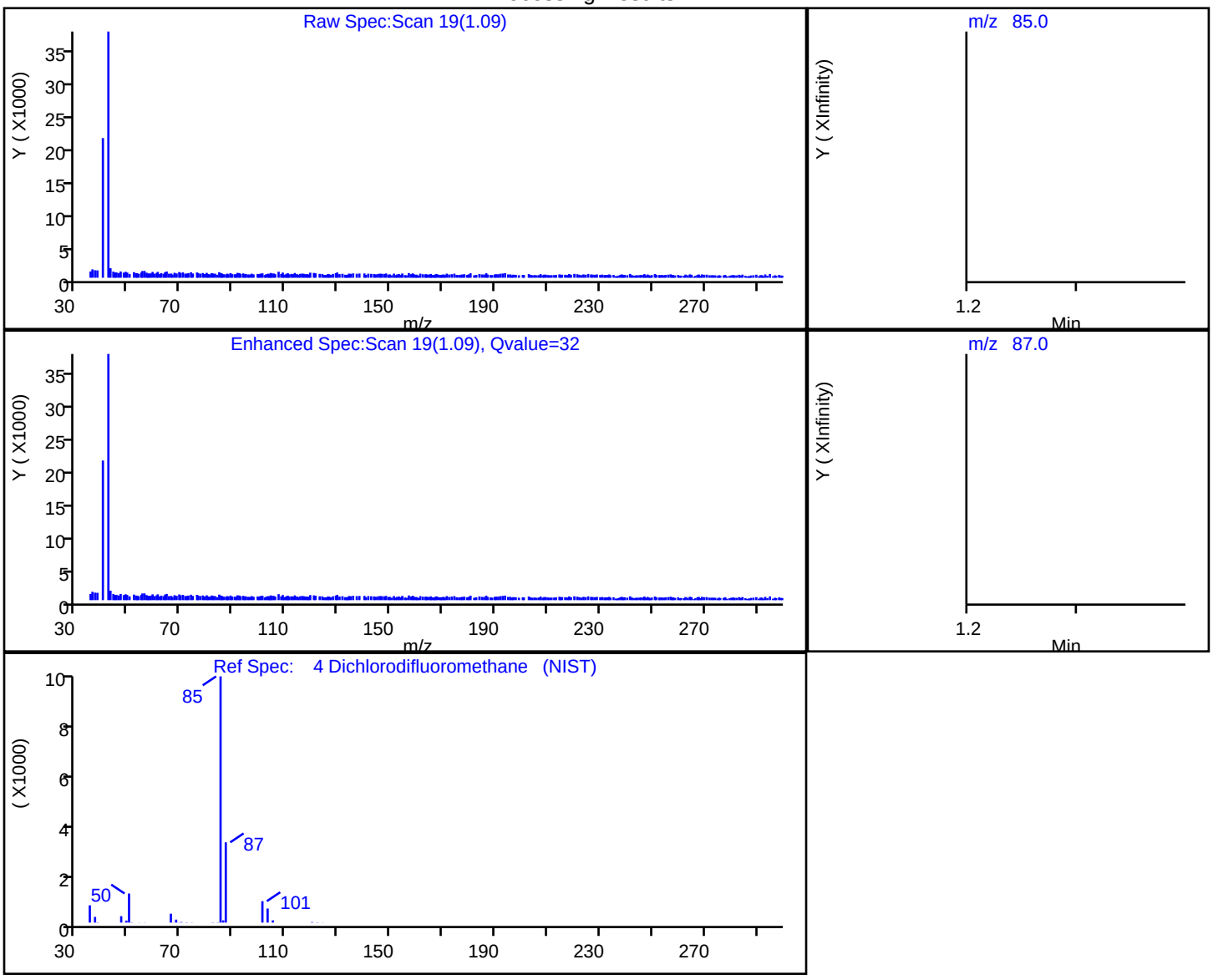
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129141.D				
Injection Date:	02-Sep-2020 14:59:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-2	Lab Sample ID:	460-217163-2		
Client ID:	TW-18_20200828				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.09	85.00	875	0.171087
1.09	87.00	2091	

Reviewer: parekhv, 02-Sep-2020 16:53:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-16_20200828 Lab Sample ID: 460-217163-3

Matrix: Water Lab File ID: TT129142.D

Analysis Method: 8260C Date Collected: 08/28/2020 13:22

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 15:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-16_20200828 Lab Sample ID: 460-217163-3

Matrix: Water Lab File ID: TT129142.D

Analysis Method: 8260C Date Collected: 08/28/2020 13:22

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 15:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	1.3		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129142.D
Lims ID: 460-217163-B-3
Client ID: TW-16_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 15:19:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-B-3
Misc. Info.: 460-0116143-026
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:30:07 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 16:53:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.714	2.701	0.013	99	41380	1000.0	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	99	260398	250.0	
52 Chloroform	83	3.939	3.939	0.000	97	3423	0.6787	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	96	133952	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.408	4.402	0.006	96	147549	50.2	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	529748	50.0	
* 72 1,4-Dioxane-d8	96	5.323	5.317	0.006	90	24596	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	431796	50.9	
88 Tetrachloroethene	166	6.890	6.890	0.000	97	3439	1.33	
* 94 Chlorobenzene-d5	117	7.963	7.956	0.007	87	332007	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	121002	46.8	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	176500	50.0	

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 10:30:30 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129142.D

Injection Date: 02-Sep-2020 15:19:30 Instrument ID: CVOAMS17

Lims ID: 460-217163-B-3 Lab Sample ID: 460-217163-3

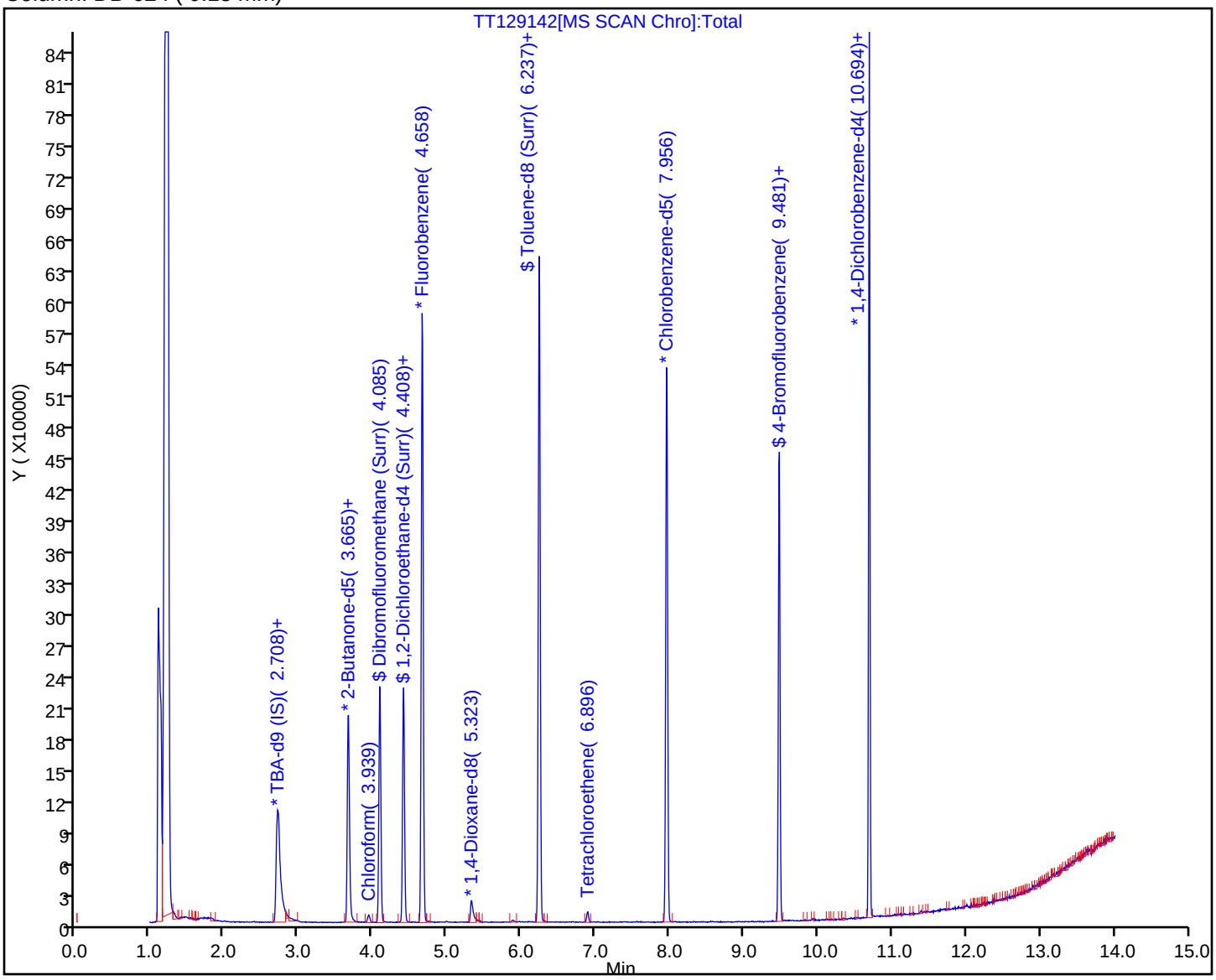
Client ID: TW-16_20200828

Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

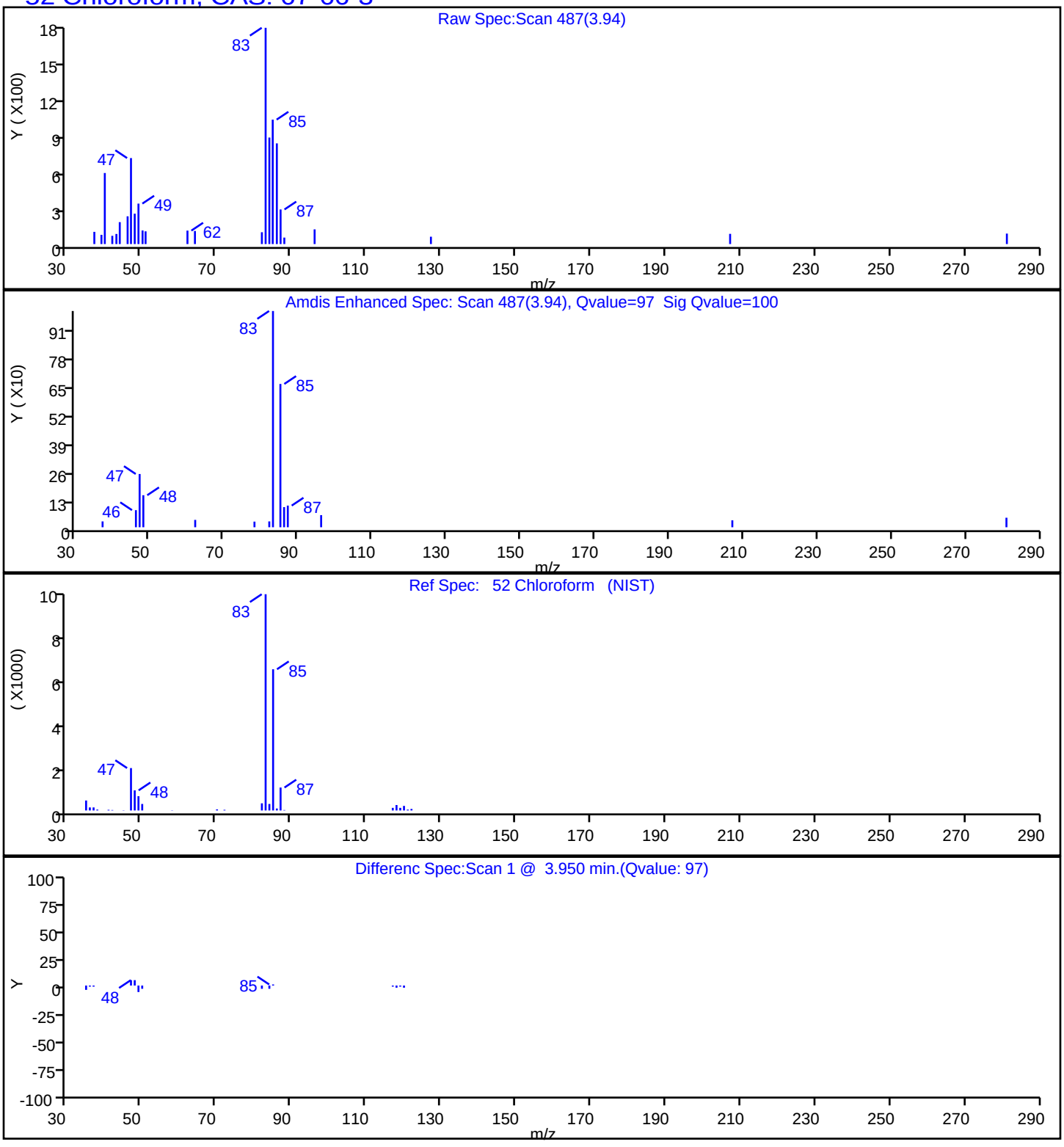
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129142.D				
Injection Date:	02-Sep-2020 15:19:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-3	Lab Sample ID:	460-217163-3		
Client ID:	TW-16_20200828				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

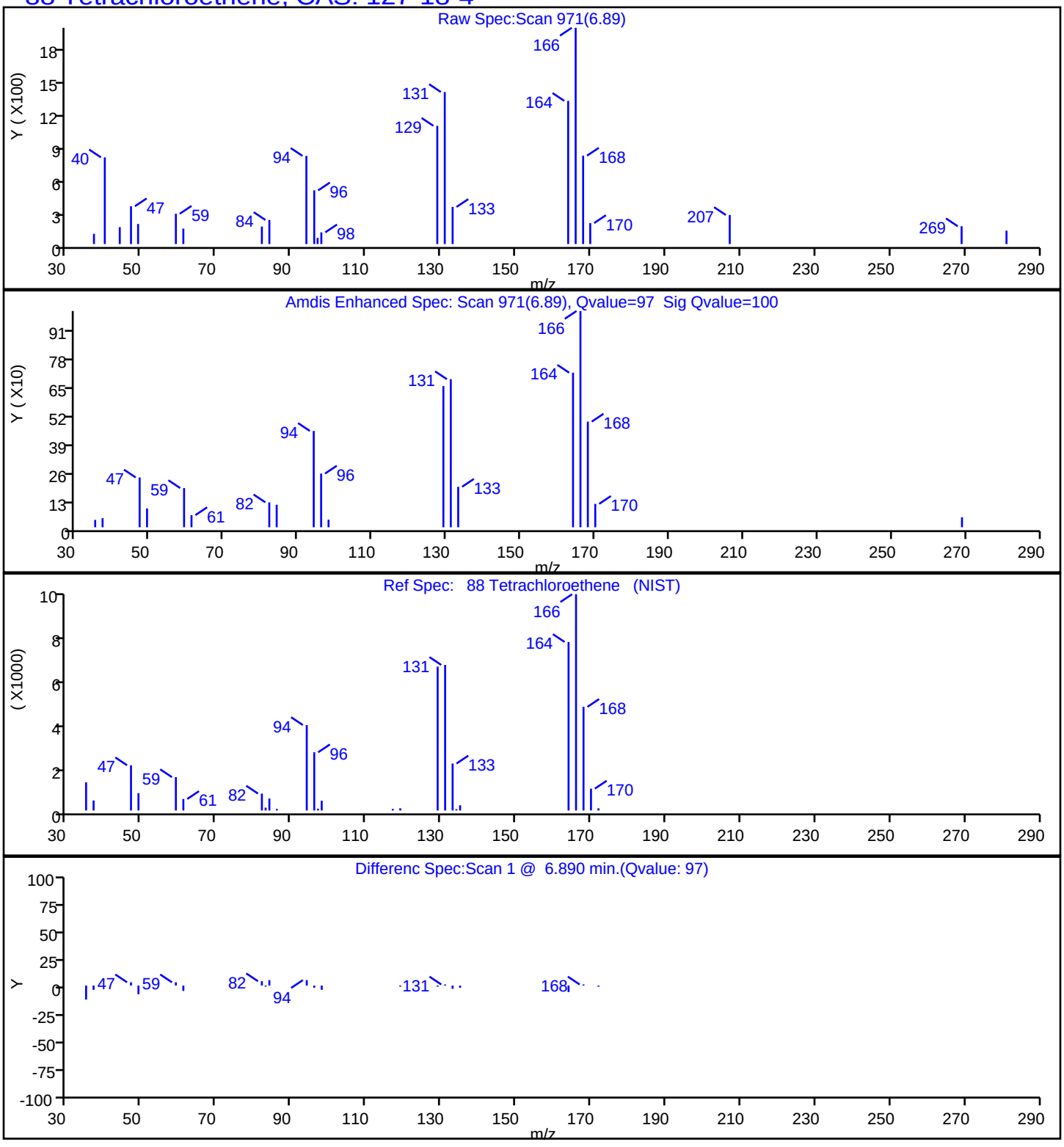
52 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129142.D		
Injection Date:	02-Sep-2020 15:19:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-3	Lab Sample ID:	460-217163-3
Client ID:	TW-16_20200828		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



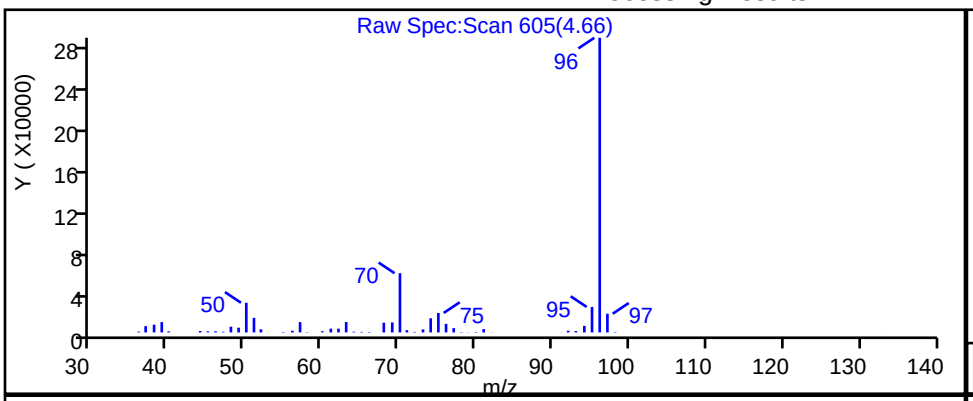
User Disabled Compound Report

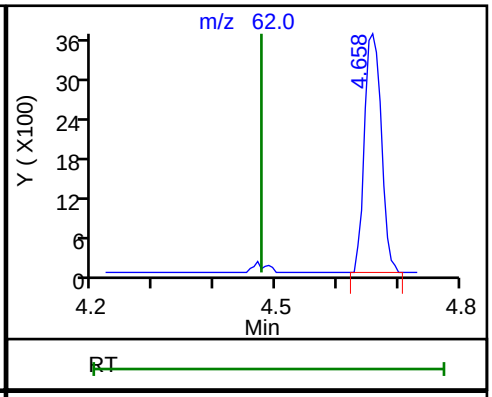
Eurofins TestAmerica, Edison

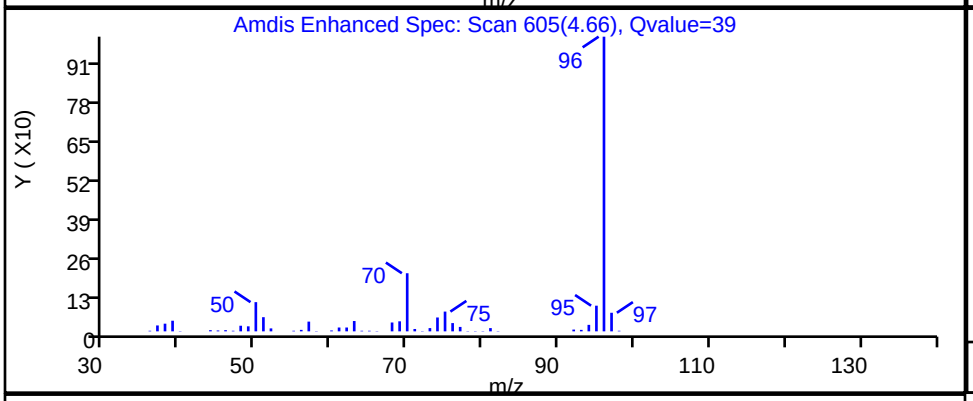
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129142.D		
Injection Date:	02-Sep-2020 15:19:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-B-3	Lab Sample ID:	460-217163-3
Client ID:	TW-16_20200828		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

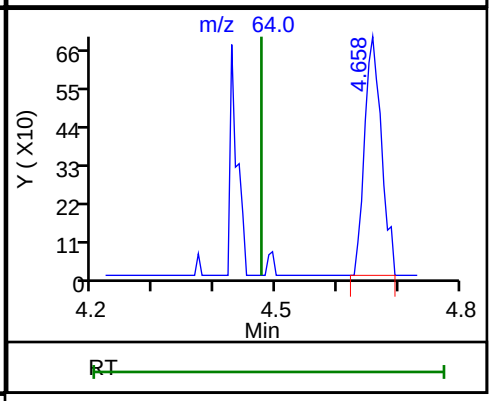
64 1,2-Dichloroethane, CAS: 107-06-2

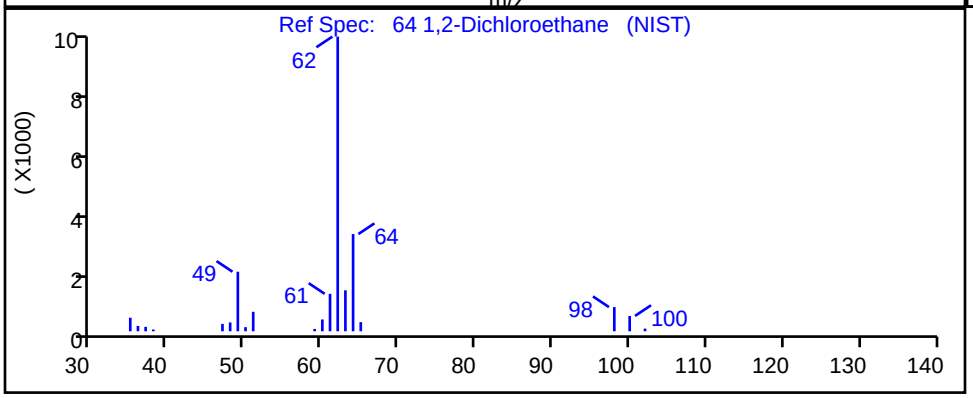
Processing Results











RT	Mass	Response	Amount
4.66	62.00	6955	1.863167
4.66	64.00	1340	

Reviewer: parekhv, 02-Sep-2020 16:53:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-13_20200828 Lab Sample ID: 460-217163-4

Matrix: Water Lab File ID: TT129143.D

Analysis Method: 8260C Date Collected: 08/28/2020 12:37

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 15:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	1.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-13_20200828 Lab Sample ID: 460-217163-4

Matrix: Water Lab File ID: TT129143.D

Analysis Method: 8260C Date Collected: 08/28/2020 12:37

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 15:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	4.0		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D
Lims ID: 460-217163-B-4
Client ID: TW-13_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 15:40:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-B-4
Misc. Info.: 460-0116143-027
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:30:07 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 16:53:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.458	1.458	0.000	98	5563	1.12	
* 31 TBA-d9 (IS)	66	2.702	2.701	0.001	100	40610	1000.0	
* 42 2-Butanone-d5	46	3.653	3.659	-0.006	100	246123	250.0	
44 cis-1,2-Dichloroethene	96	3.683	3.683	0.000	96	4484	1.33	
$ 55 Dibromofluoromethane (Surr)	113	4.079	4.085	-0.006	96	125220	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.402	4.402	0.000	97	141806	51.7	
* 66 Fluorobenzene	96	4.659	4.658	0.000	99	494874	50.0	
* 72 1,4-Dioxane-d8	96	5.317	5.317	0.000	89	22562	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	397170	49.9	
88 Tetrachloroethene	166	6.890	6.890	0.000	96	9594	3.96	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	86	311515	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	112058	46.2	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	167162	50.0	

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 10:30:50 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D

Injection Date: 02-Sep-2020 15:40:30 Instrument ID: CVOAMS17

Lims ID: 460-217163-B-4 Lab Sample ID: 460-217163-4

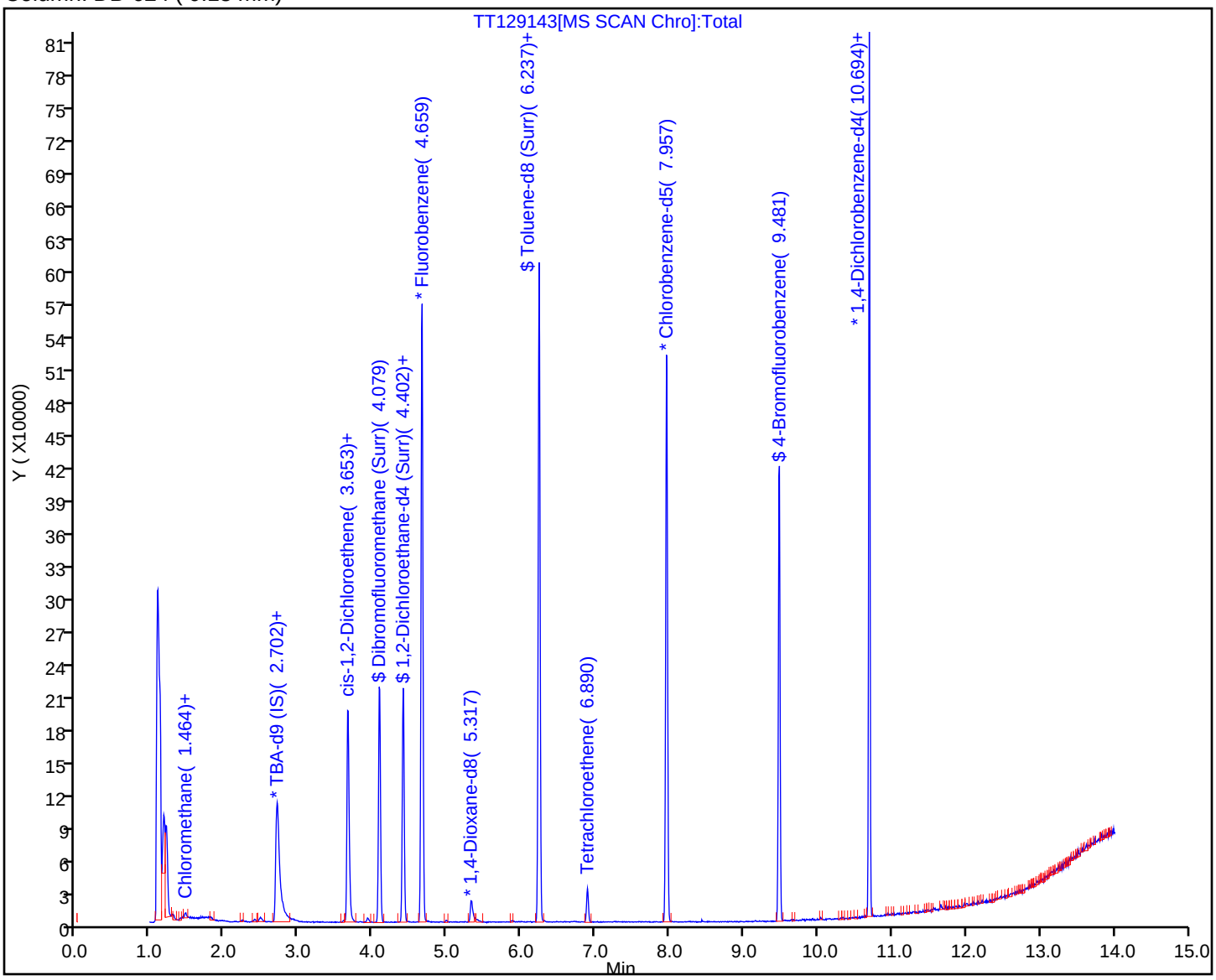
Client ID: TW-13_20200828

Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

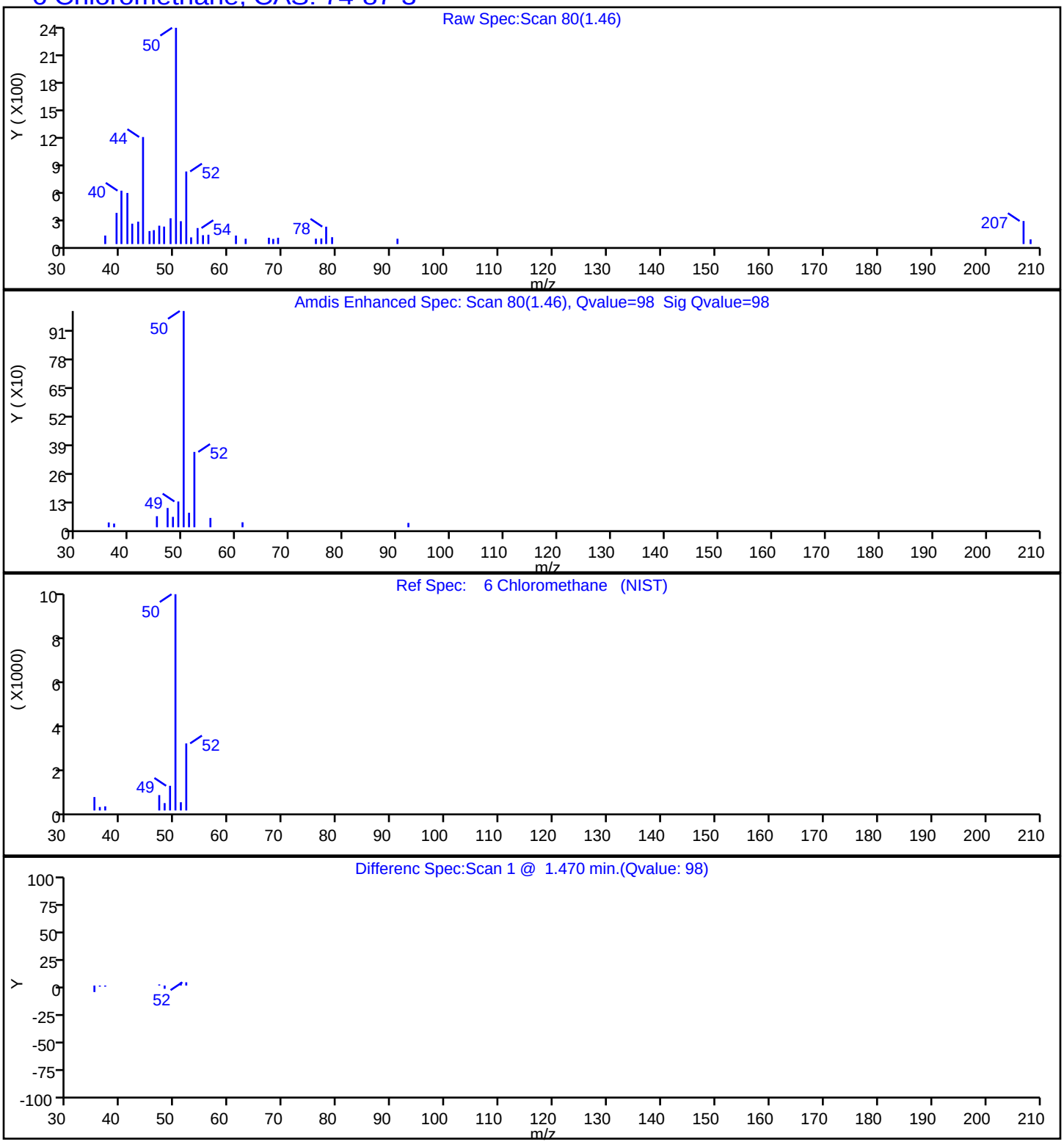
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D				
Injection Date:	02-Sep-2020 15:40:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-4	Lab Sample ID:	460-217163-4		
Client ID:	TW-13_20200828				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

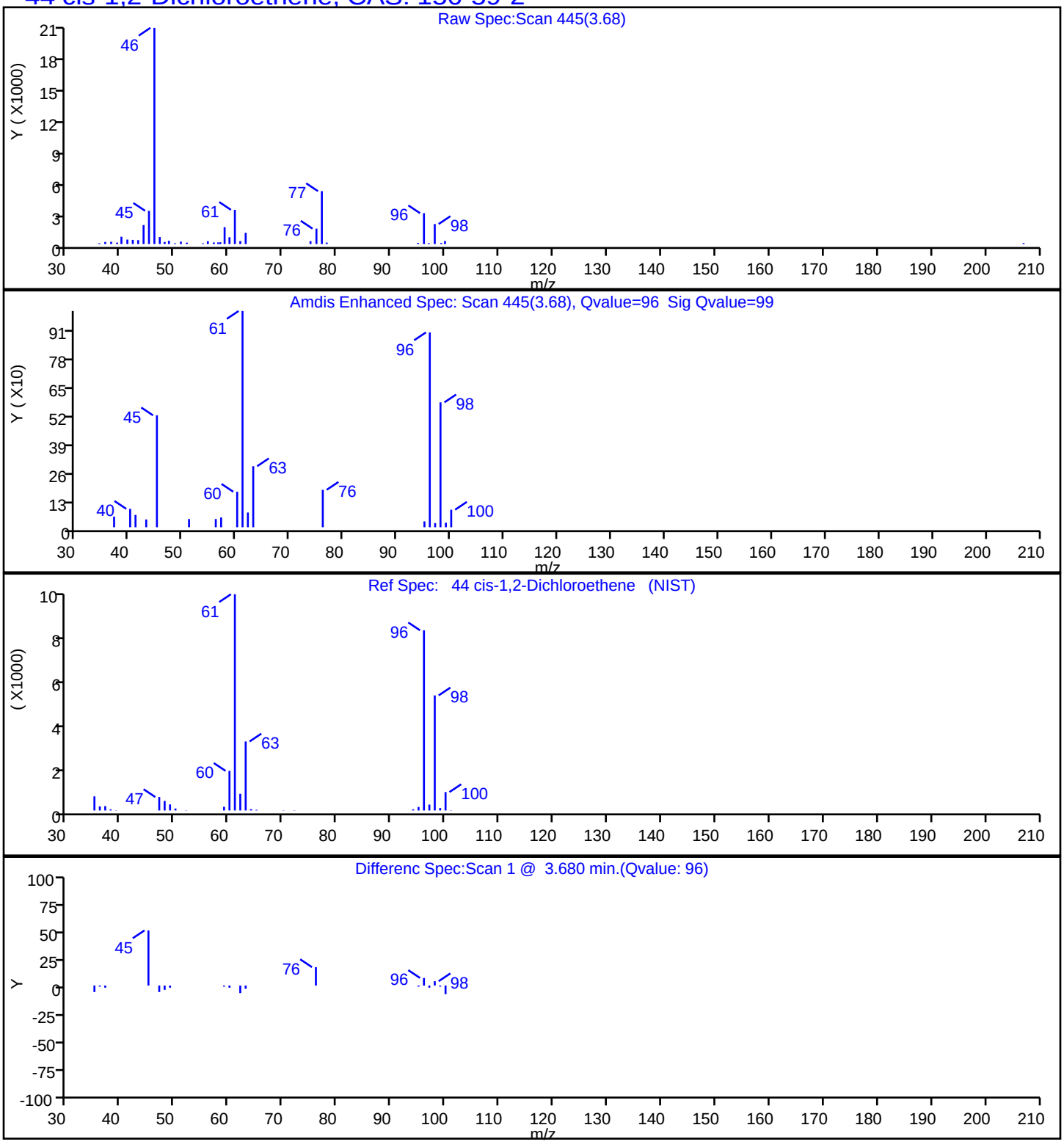
6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D				
Injection Date:	02-Sep-2020 15:40:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-4	Lab Sample ID:	460-217163-4		
Client ID:	TW-13_20200828				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

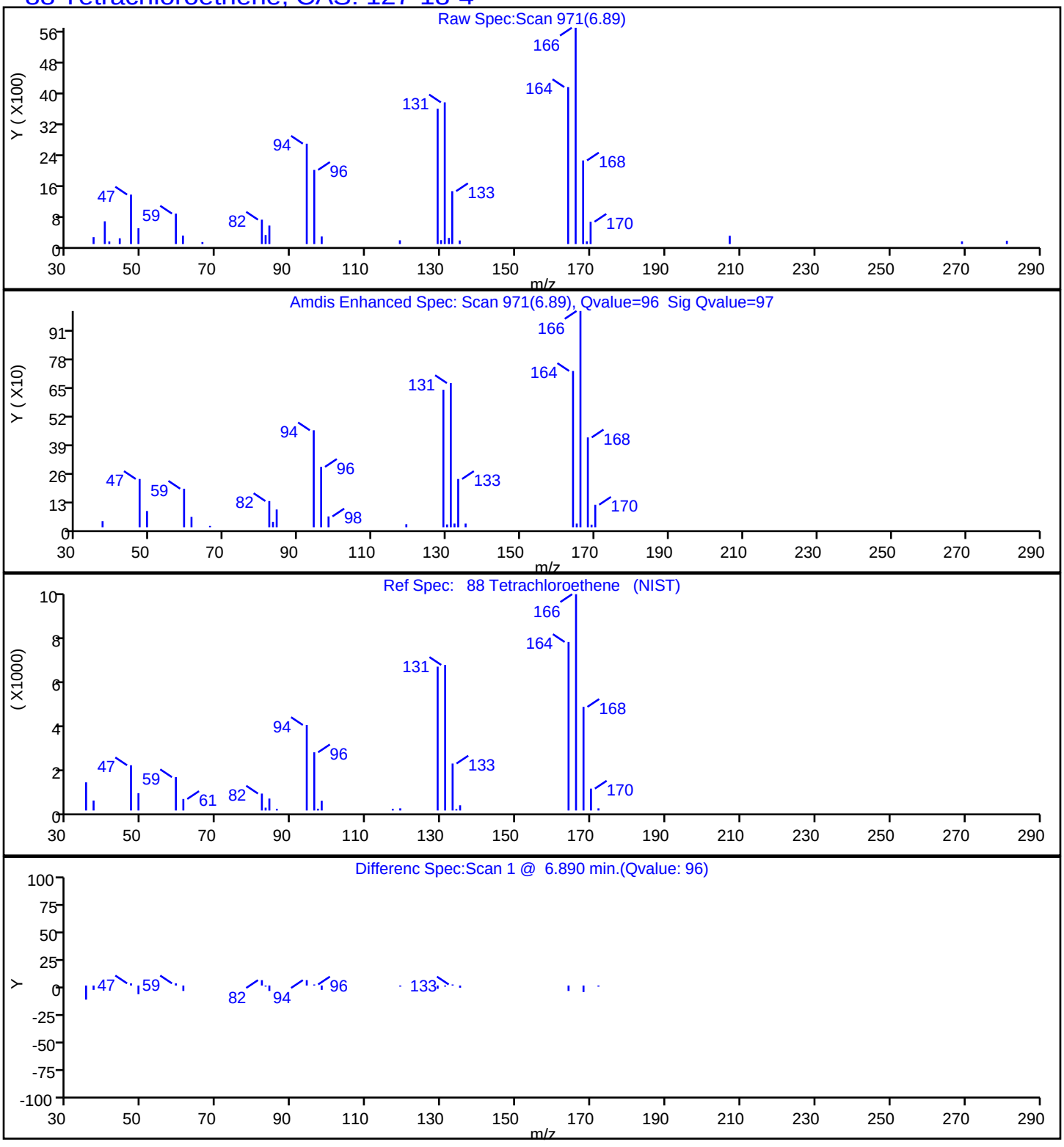
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D				
Injection Date:	02-Sep-2020 15:40:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-4	Lab Sample ID:	460-217163-4		
Client ID:	TW-13_20200828				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



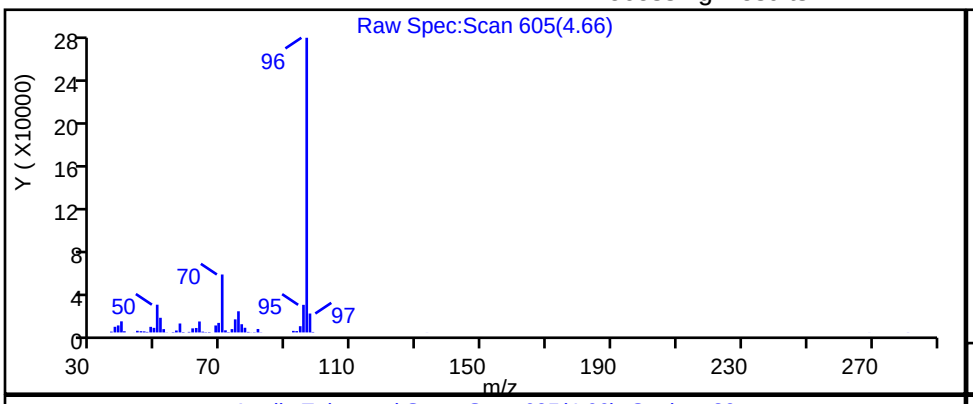
User Disabled Compound Report

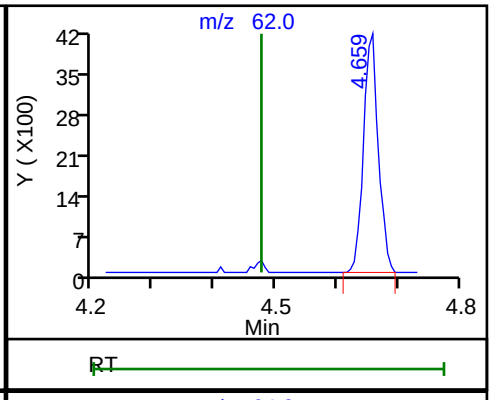
Eurofins TestAmerica, Edison

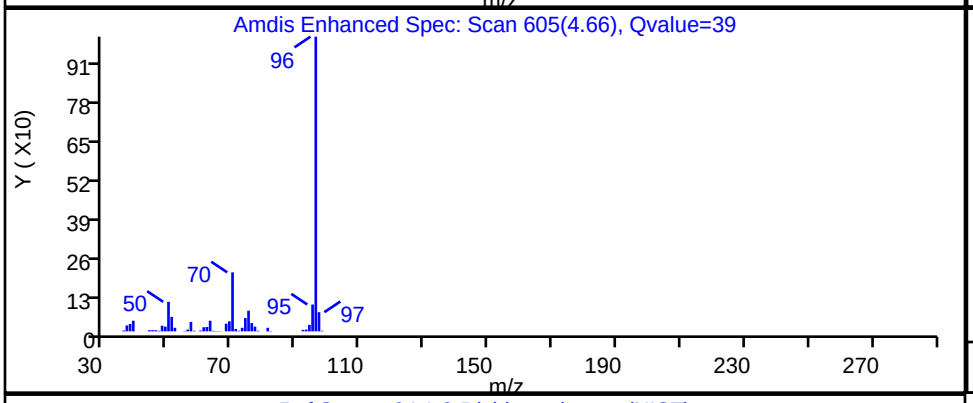
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D				
Injection Date:	02-Sep-2020 15:40:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-4	Lab Sample ID:	460-217163-4		
Client ID:	TW-13_20200828				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

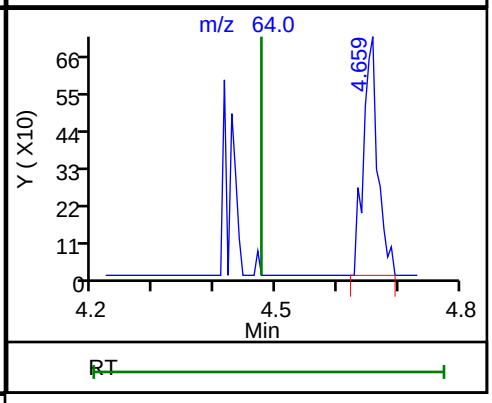
64 1,2-Dichloroethane, CAS: 107-06-2

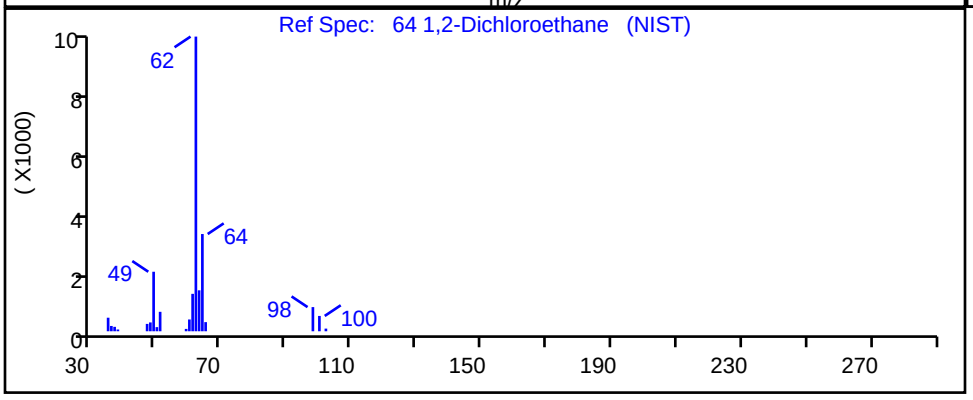
Processing Results











RT	Mass	Response	Amount
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4.66	64.00	1161	

Reviewer: parekhv, 02-Sep-2020 16:53:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

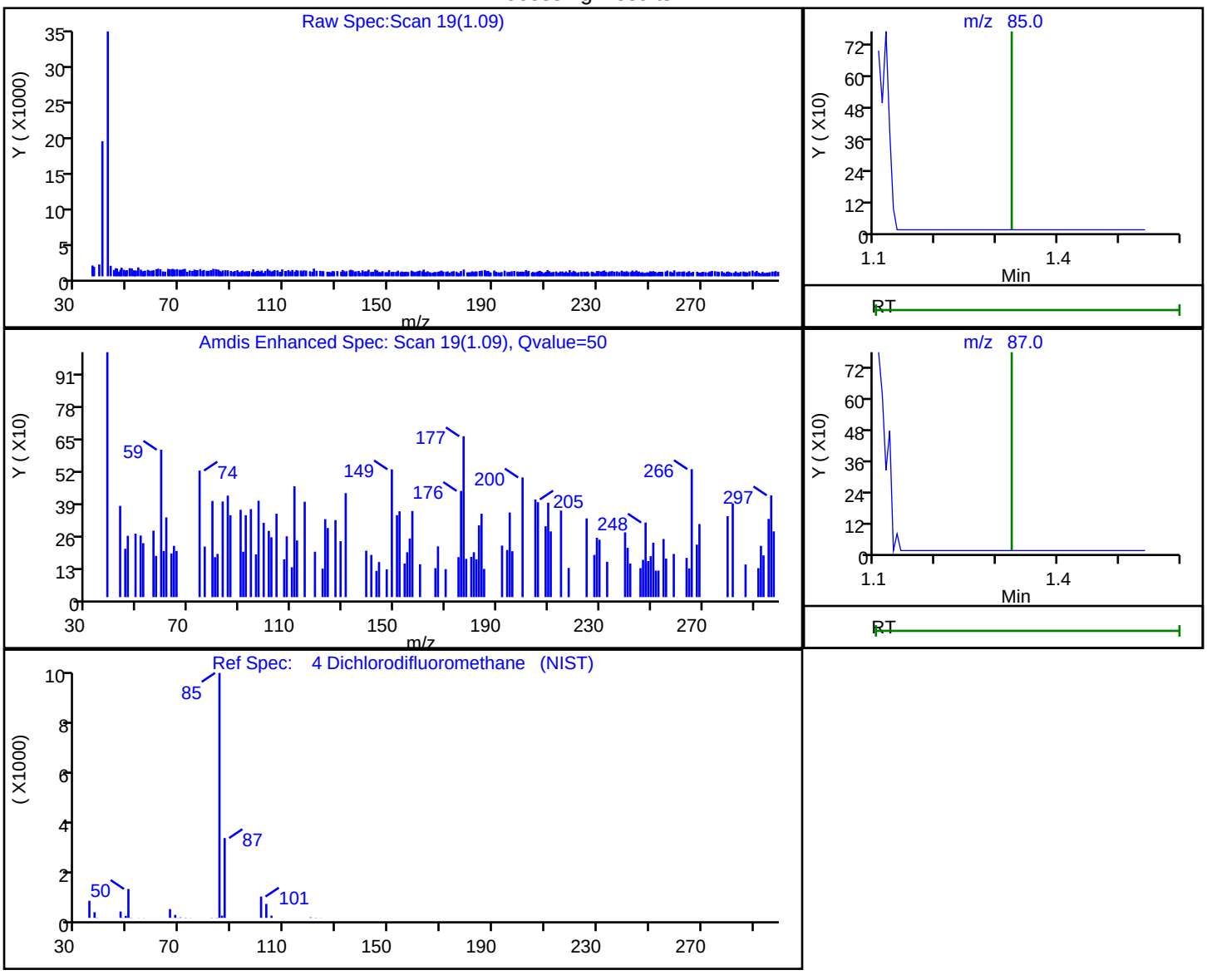
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129143.D				
Injection Date:	02-Sep-2020 15:40:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-B-4	Lab Sample ID:	460-217163-4		
Client ID:	TW-13_20200828				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.09	85.00	2694	0.534119
1.09	87.00	990	

Reviewer: parekhv, 02-Sep-2020 16:53:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-07_20200828 Lab Sample ID: 460-217163-5

Matrix: Water Lab File ID: TT129144.D

Analysis Method: 8260C Date Collected: 08/28/2020 11:27

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.53	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-07_20200828 Lab Sample ID: 460-217163-5

Matrix: Water Lab File ID: TT129144.D

Analysis Method: 8260C Date Collected: 08/28/2020 11:27

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.67	J	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129144.D
Lims ID: 460-217163-A-5
Client ID: TW-07_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 16:01:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-A-5
Misc. Info.: 460-0116143-028
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 09:52:21 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1016

First Level Reviewer: parekhv Date: 02-Sep-2020 16:54:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.470	1.458	0.012	97	2718	0.5321	
* 31 TBA-d9 (IS)	66	2.714	2.701	0.013	99	42304	1000.0	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	100	262561	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	96	130074	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.402	4.402	0.000	96	144743	51.2	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	510287	50.0	
* 72 1,4-Dioxane-d8	96	5.329	5.317	0.012	90	23449	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	415419	50.0	
88 Tetrachloroethene	166	6.896	6.890	0.006	95	1700	0.6730	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	86	325174	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	115217	45.5	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	175596	50.0	

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 09:55:41 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129144.D

Injection Date: 02-Sep-2020 16:01:30 Instrument ID: CVOAMS17

Lims ID: 460-217163-A-5 Lab Sample ID: 460-217163-5

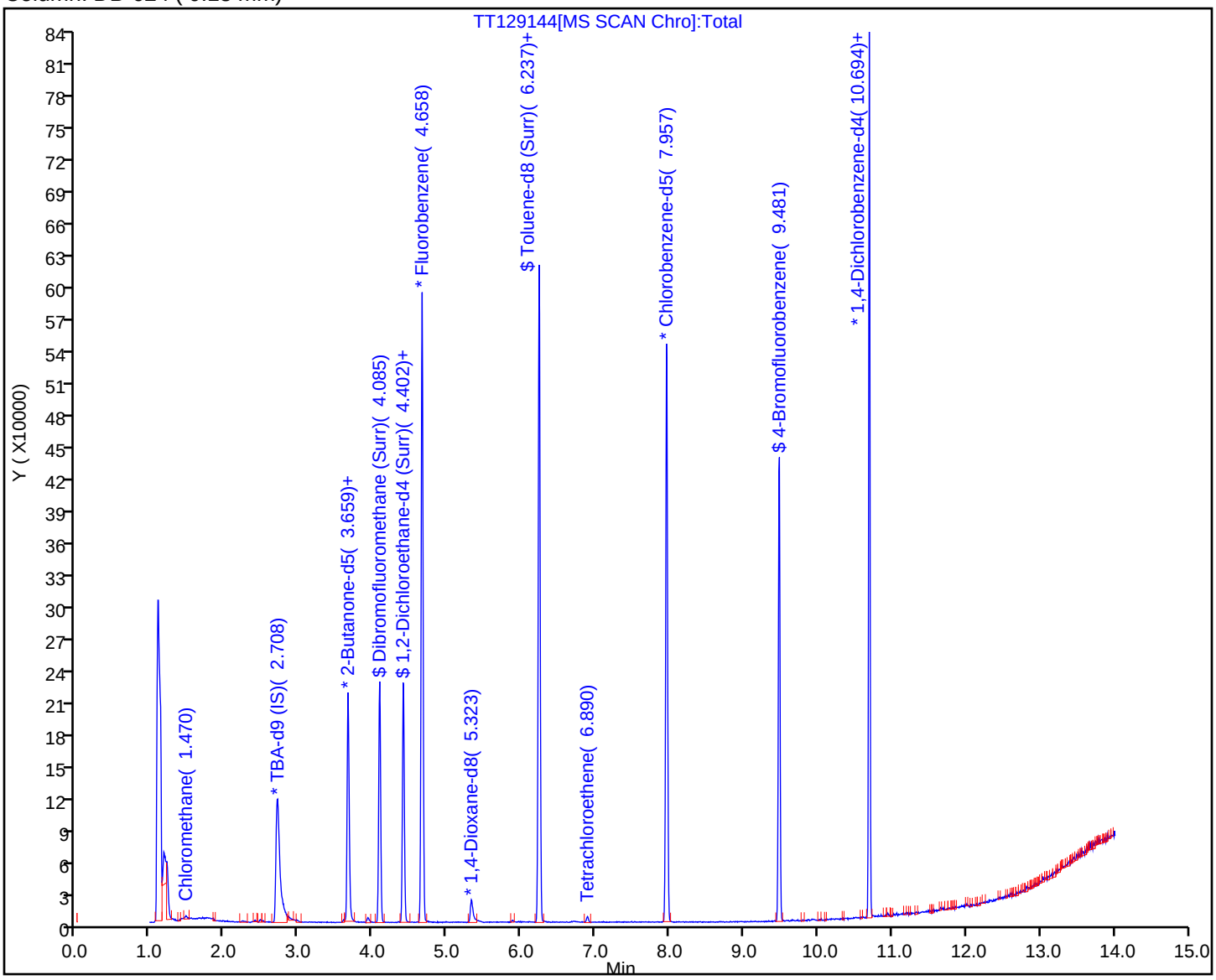
Client ID: TW-07_20200828

Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

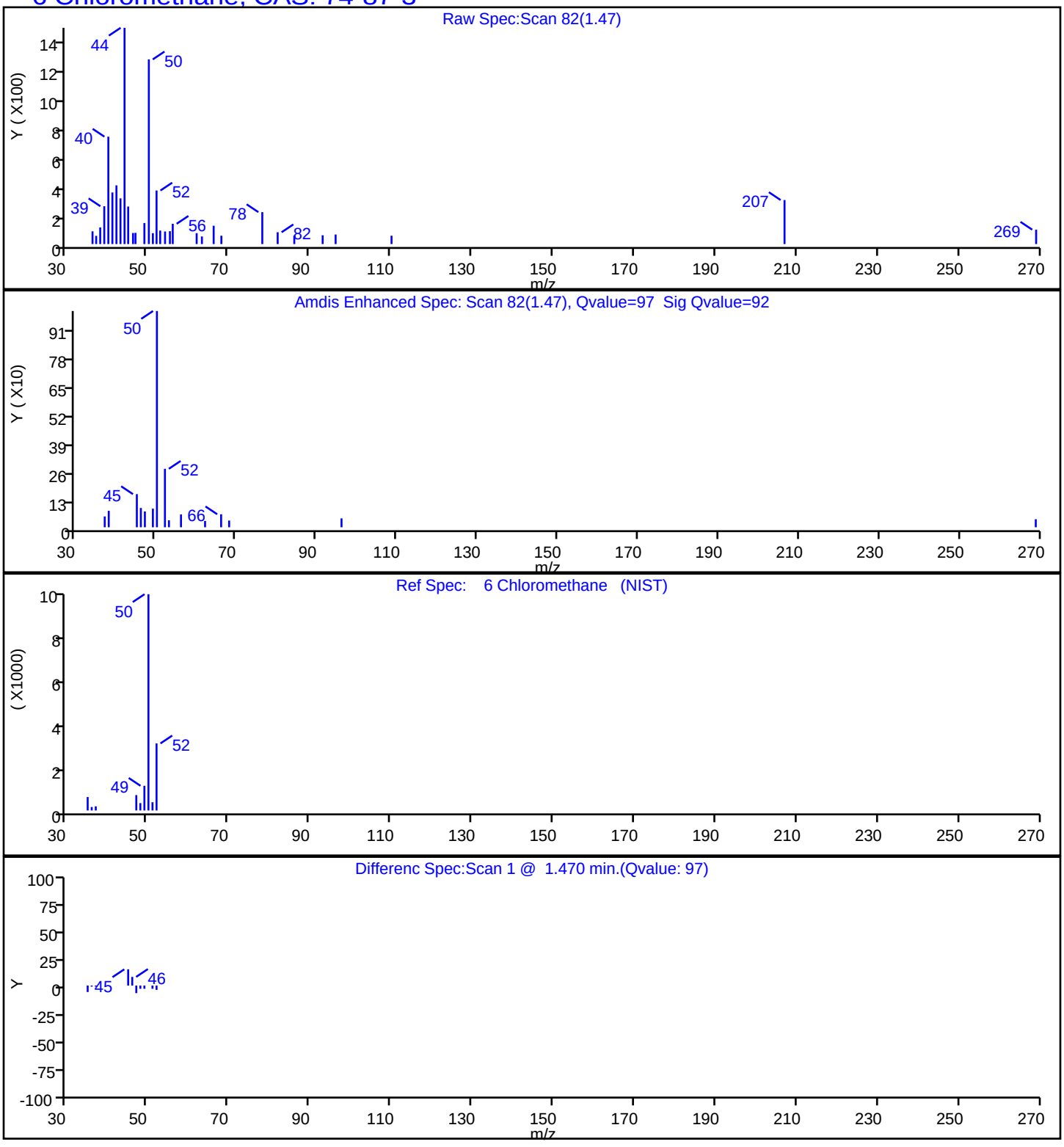
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129144.D		
Injection Date:	02-Sep-2020 16:01:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-5	Lab Sample ID:	460-217163-5
Client ID:	TW-07_20200828		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

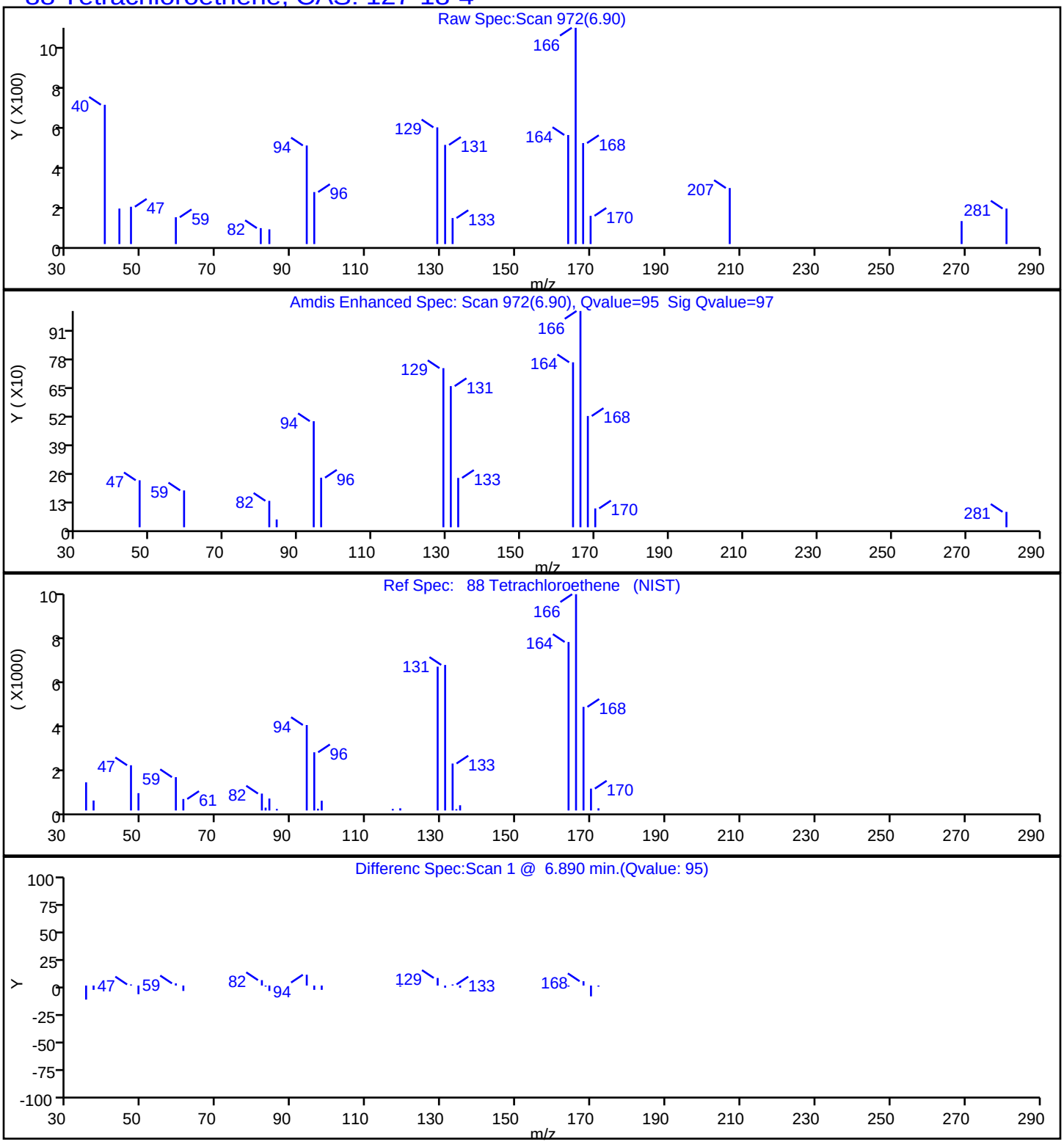
6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129144.D				
Injection Date:	02-Sep-2020 16:01:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-A-5	Lab Sample ID:	460-217163-5		
Client ID:	TW-07_20200828				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



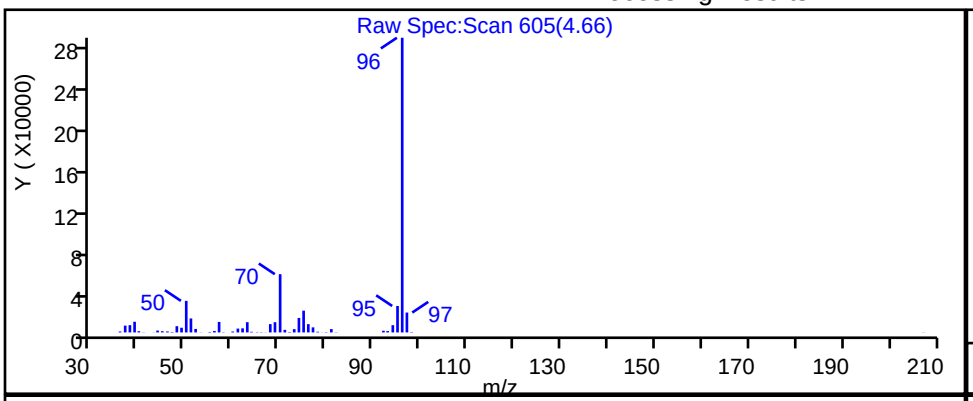
User Disabled Compound Report

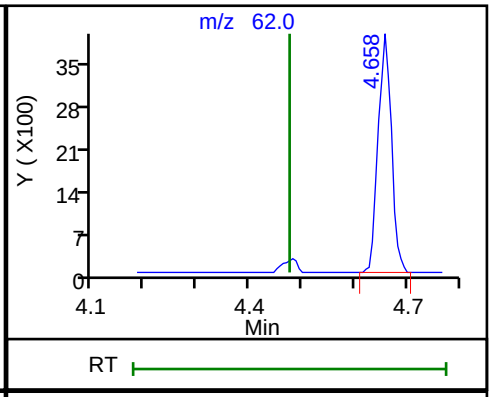
Eurofins TestAmerica, Edison

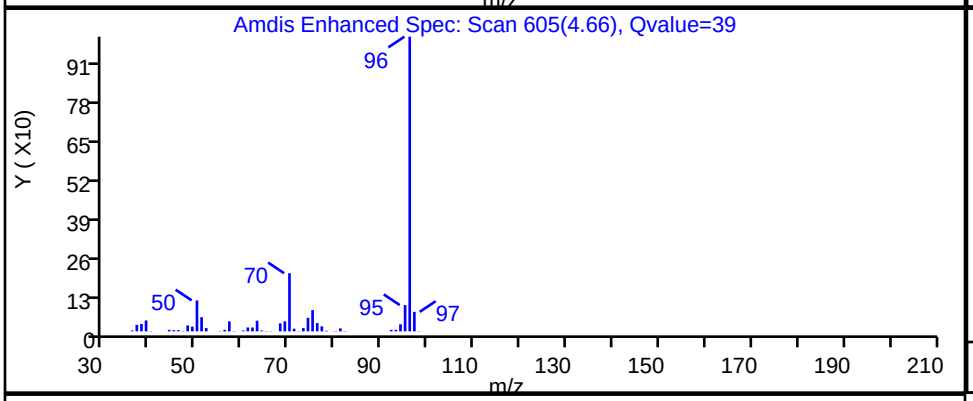
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129144.D		
Injection Date:	02-Sep-2020 16:01:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-5	Lab Sample ID:	460-217163-5
Client ID:	TW-07_20200828		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

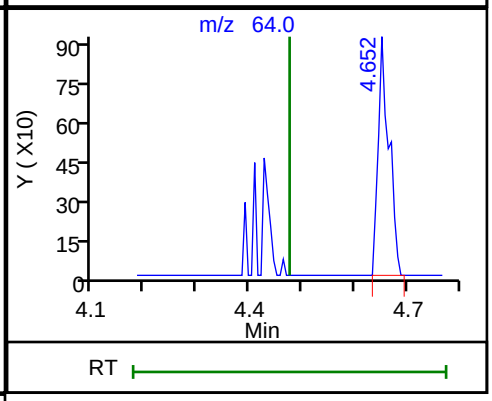
64 1,2-Dichloroethane, CAS: 107-06-2

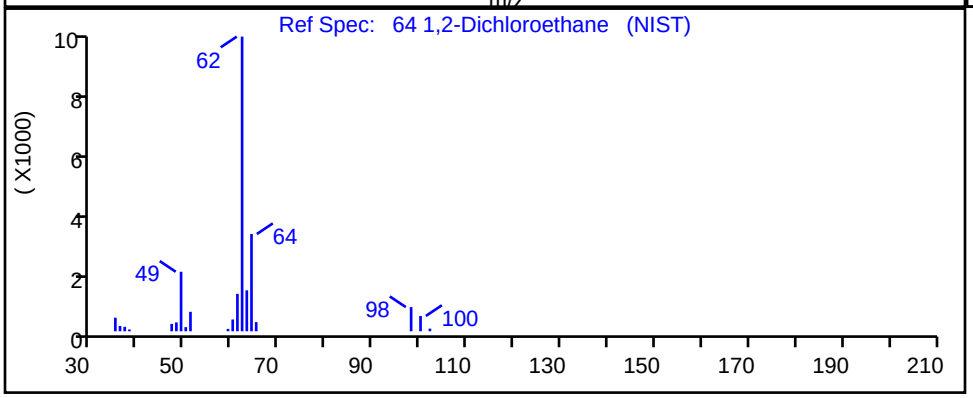
Processing Results











RT	Mass	Response	Amount
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4.65	64.00	1336	

Reviewer: parekhv, 02-Sep-2020 16:54:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

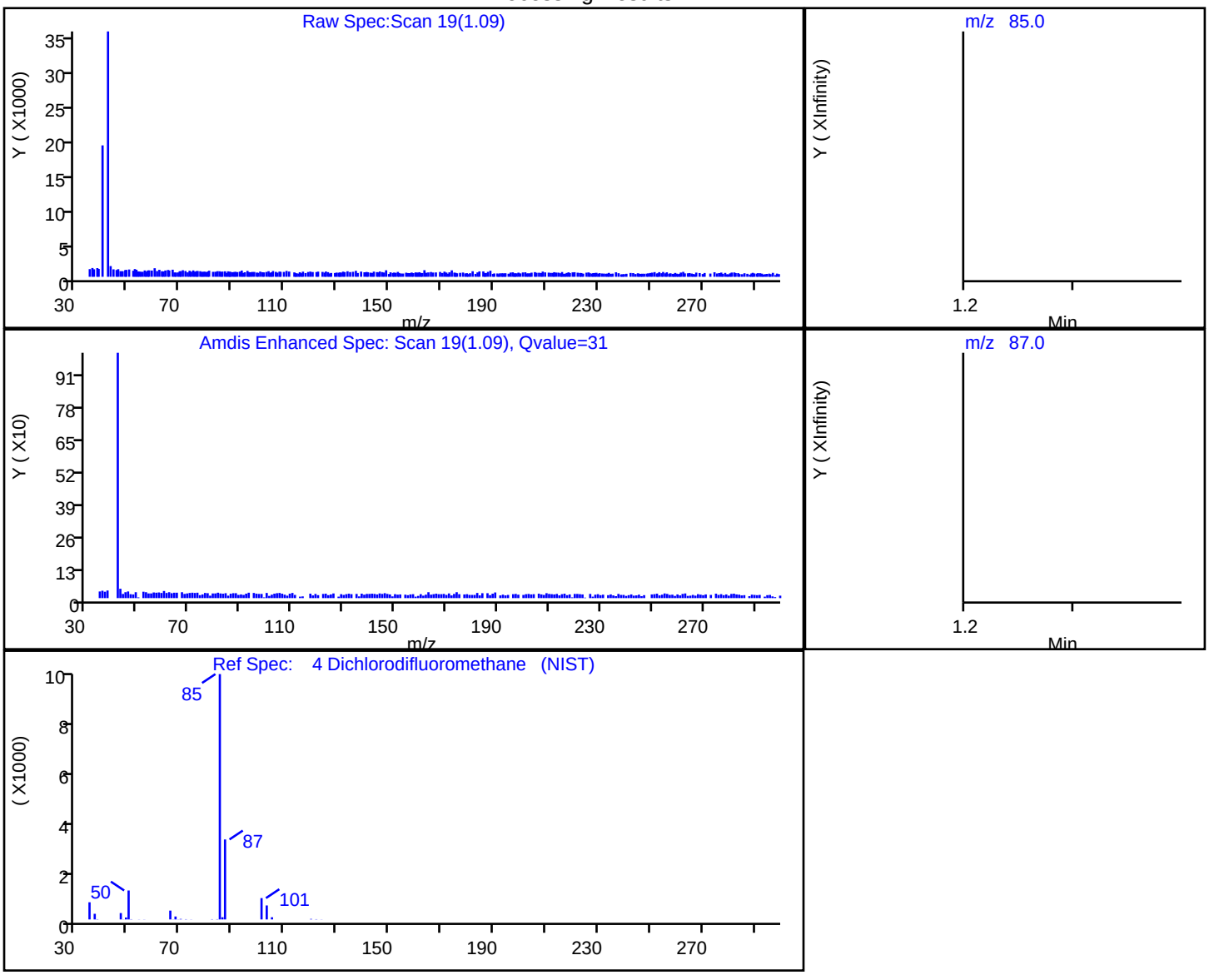
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129144.D				
Injection Date:	02-Sep-2020 16:01:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-A-5	Lab Sample ID:	460-217163-5		
Client ID:	TW-07_20200828				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
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1.09	87.00	2688	

Reviewer: parekhv, 02-Sep-2020 16:54:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-10_20200828 Lab Sample ID: 460-217163-6

Matrix: Water Lab File ID: TT129145.D

Analysis Method: 8260C Date Collected: 08/28/2020 09:53

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.43	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-10_20200828 Lab Sample ID: 460-217163-6

Matrix: Water Lab File ID: TT129145.D

Analysis Method: 8260C Date Collected: 08/28/2020 09:53

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	4.6		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D
Lims ID: 460-217163-A-6
Client ID: TW-10_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 16:22:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-A-6
Misc. Info.: 460-0116143-029
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:30:07 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 16:54:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.464	1.458	0.006	32	2193	0.4301	
* 31 TBA-d9 (IS)	66	2.708	2.701	0.007	99	41363	1000.0	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	100	257913	250.0	
44 cis-1,2-Dichloroethene	96	3.689	3.683	0.006	94	4425	1.28	
52 Chloroform	83	3.939	3.939	0.000	64	1075	0.2217	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	96	128660	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.402	4.402	0.000	96	144344	51.1	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	509323	50.0	
68 Trichloroethene	95	4.982	4.981	0.001	94	697	0.2376	
* 72 1,4-Dioxane-d8	96	5.323	5.317	0.006	89	23547	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	412164	50.1	
88 Tetrachloroethene	166	6.890	6.890	0.000	97	11462	4.59	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	86	321685	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	115345	46.0	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	169159	50.0	

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

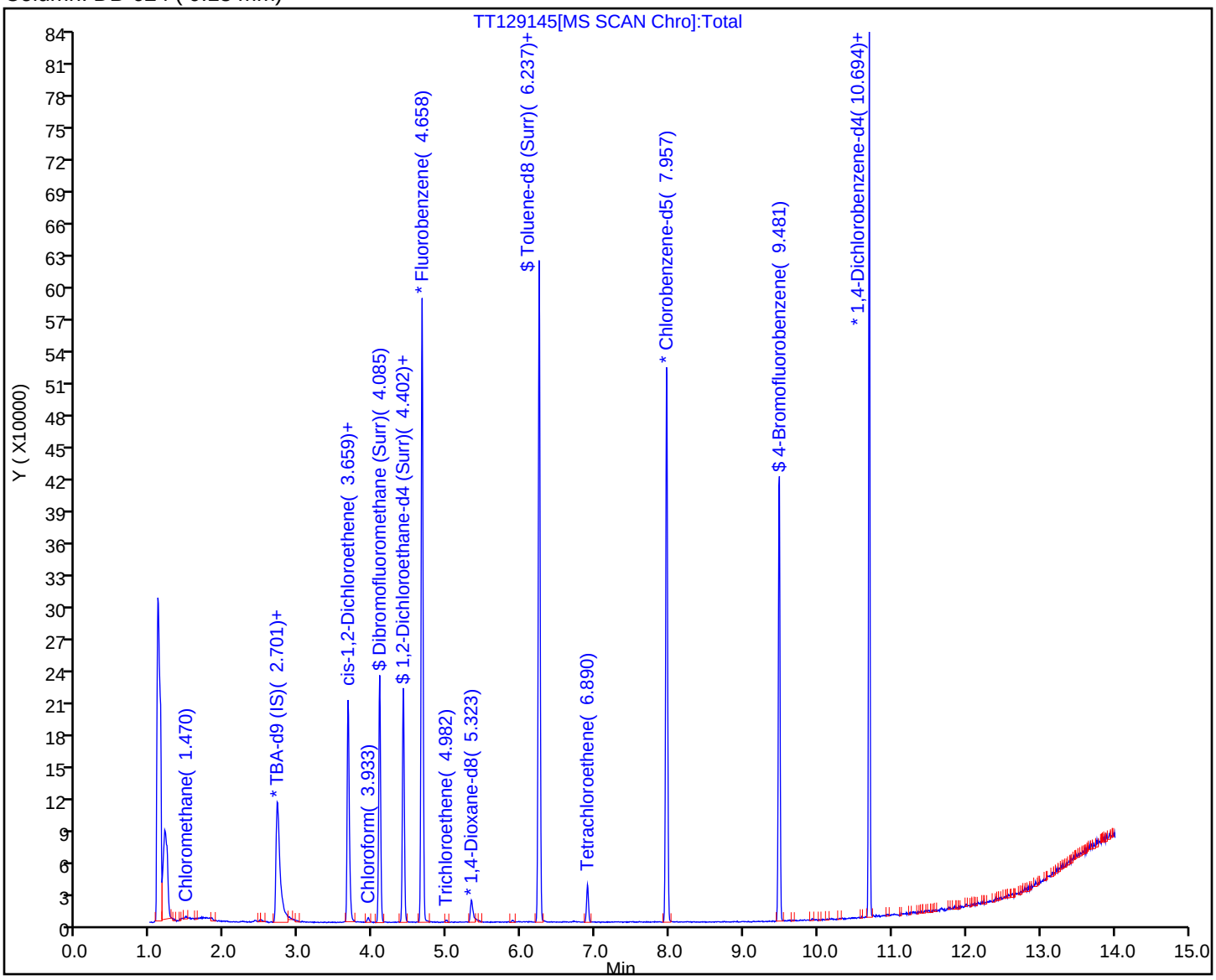
Report Date: 03-Sep-2020 10:31:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D

Injection Date:	02-Sep-2020 16:22:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-A-6	Lab Sample ID:	460-217163-6		
Client ID:	TW-10_20200828				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		

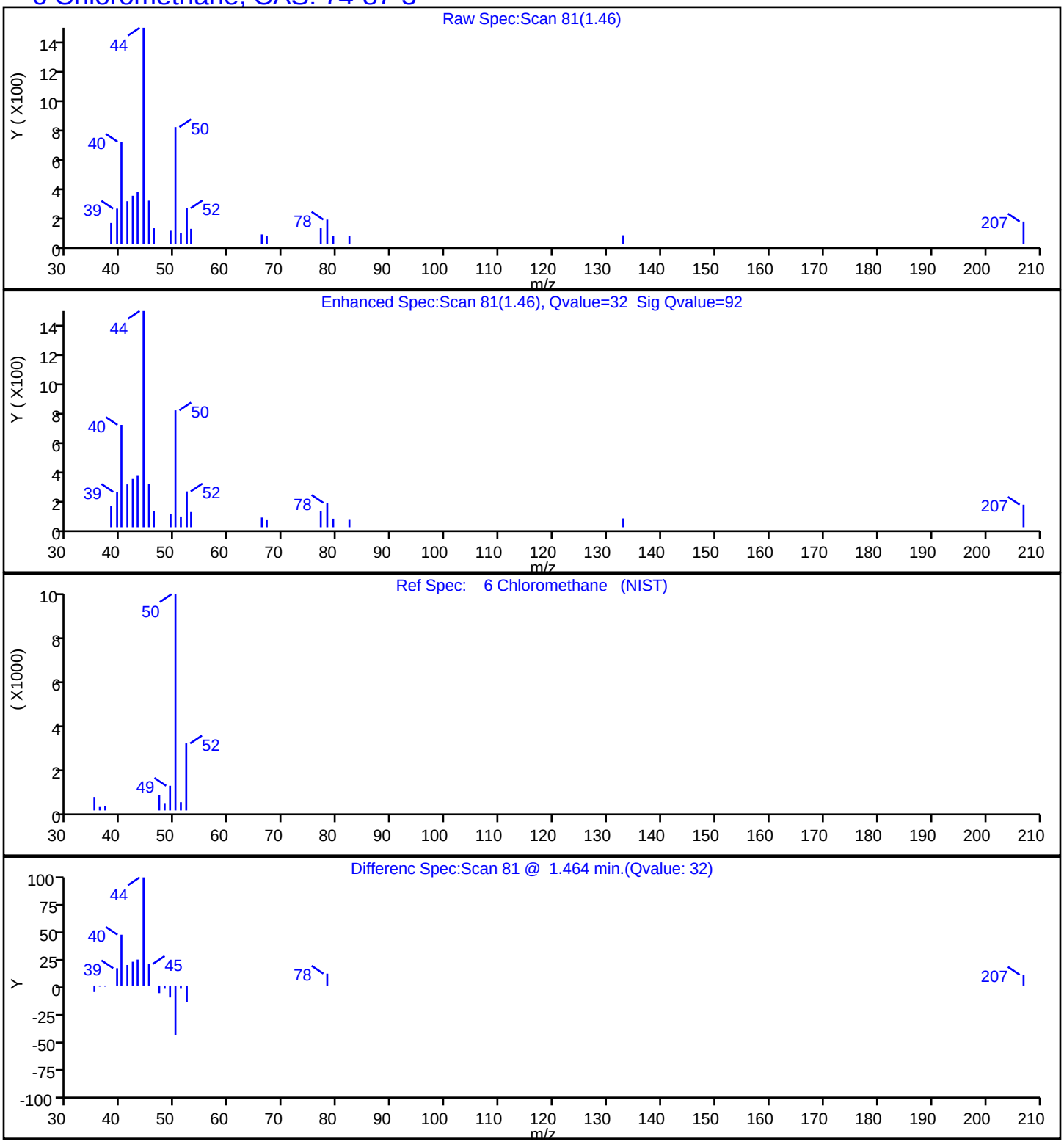
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D		
Injection Date:	02-Sep-2020 16:22:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-6	Lab Sample ID:	460-217163-6
Client ID:	TW-10_20200828		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

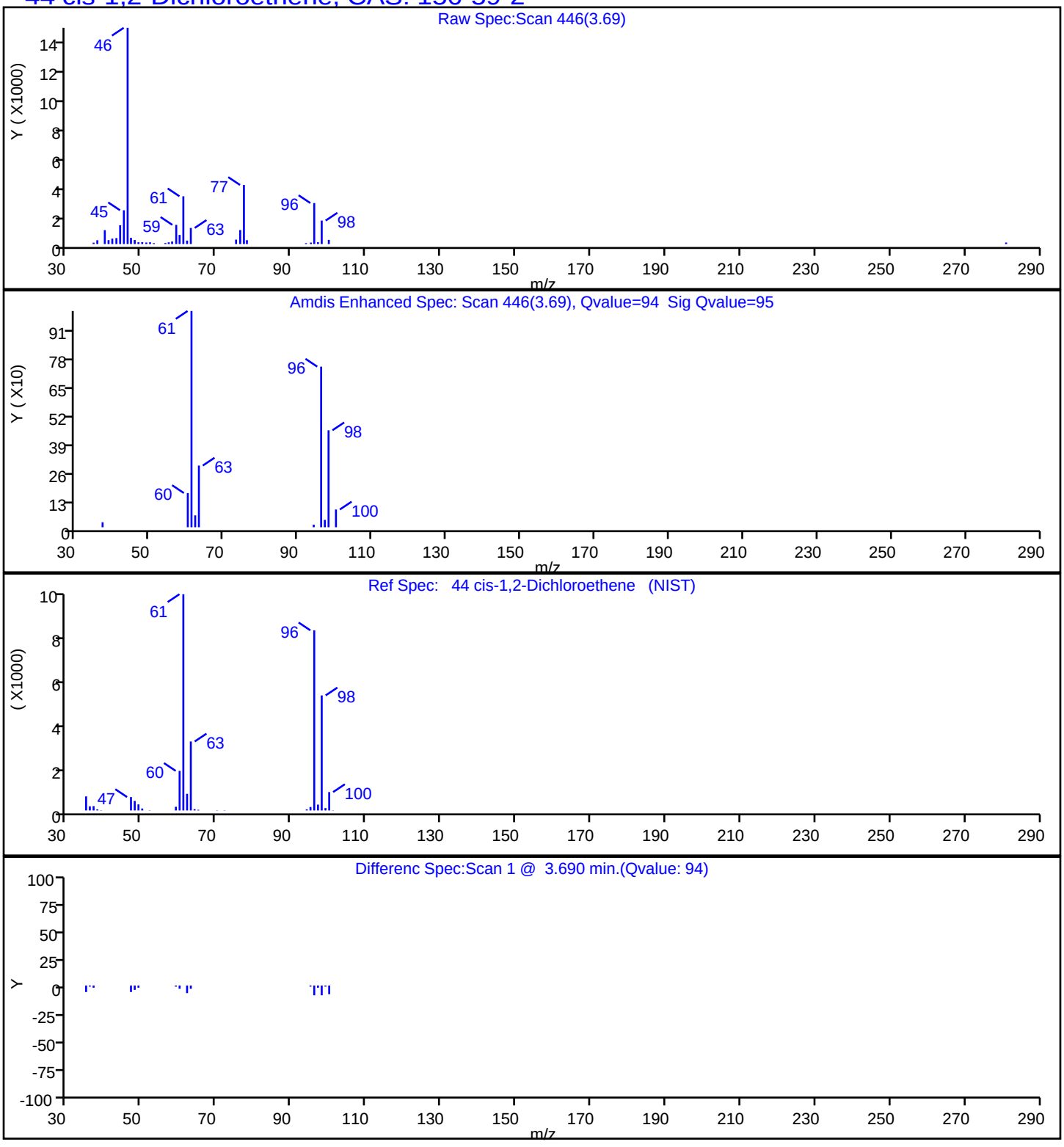
6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D		
Injection Date:	02-Sep-2020 16:22:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-6	Lab Sample ID:	460-217163-6
Client ID:	TW-10_20200828		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

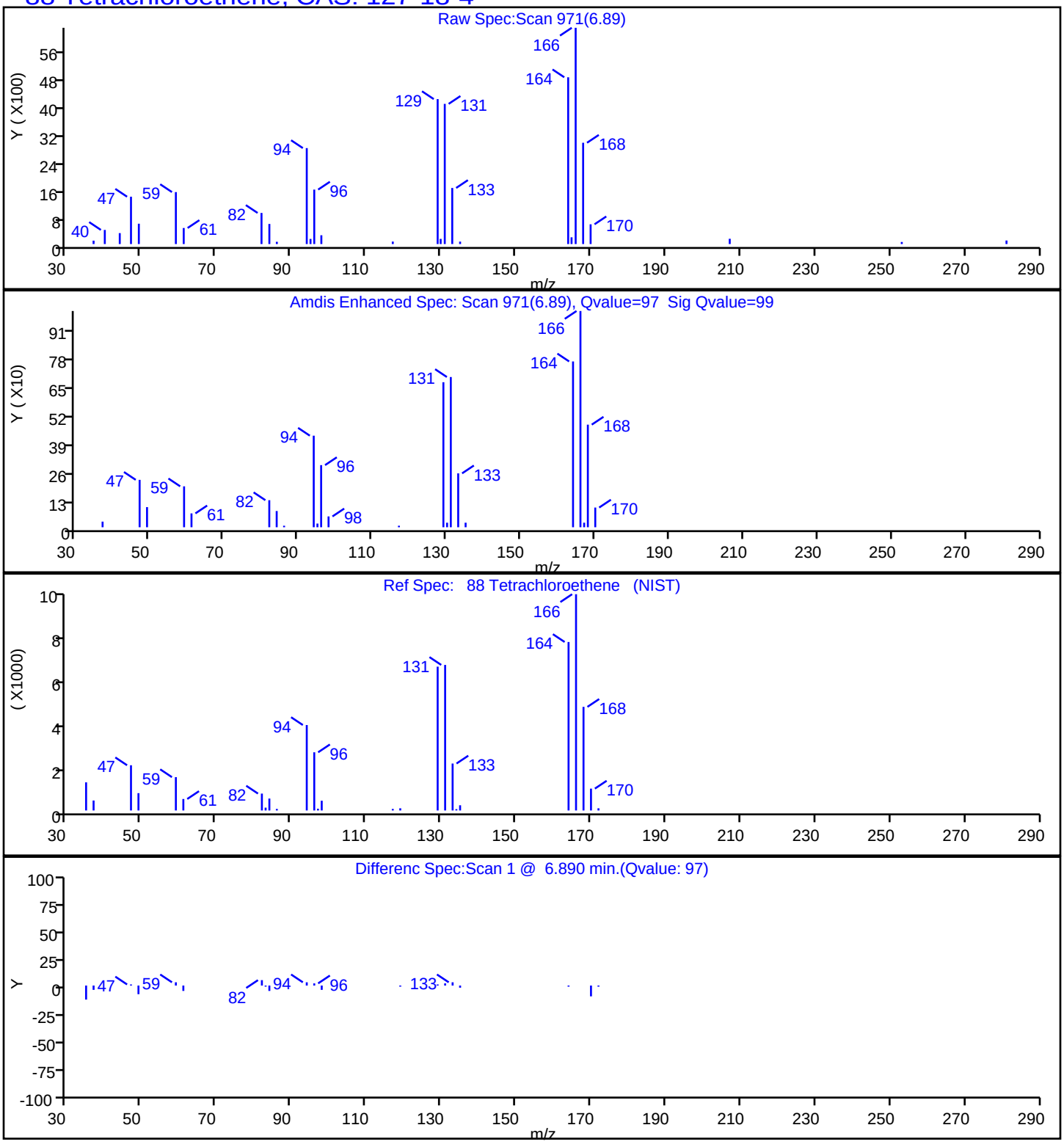
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D		
Injection Date:	02-Sep-2020 16:22:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-6	Lab Sample ID:	460-217163-6
Client ID:	TW-10_20200828		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



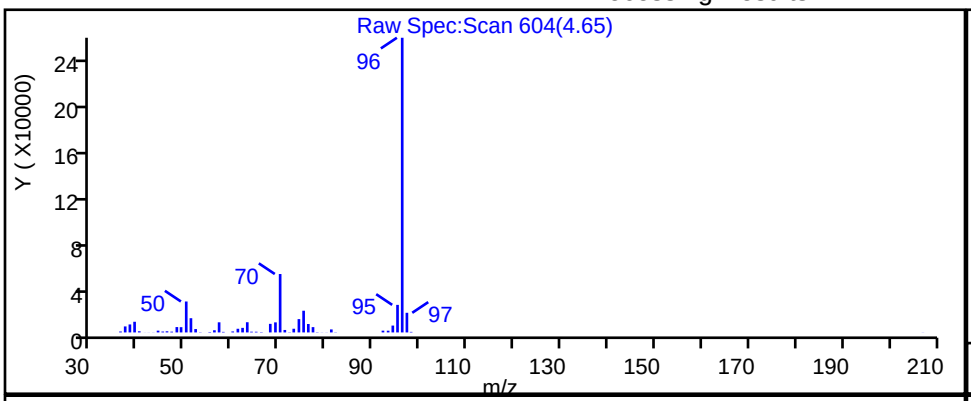
User Disabled Compound Report

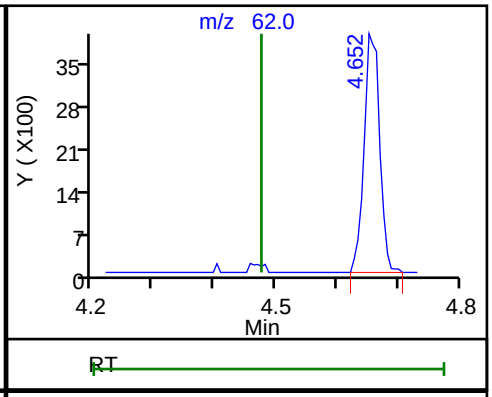
Eurofins TestAmerica, Edison

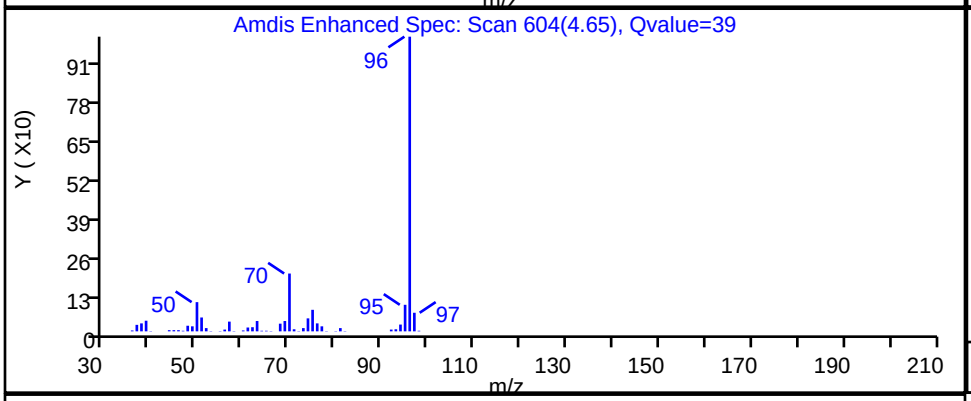
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D				
Injection Date:	02-Sep-2020 16:22:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-A-6	Lab Sample ID:	460-217163-6		
Client ID:	TW-10_20200828				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

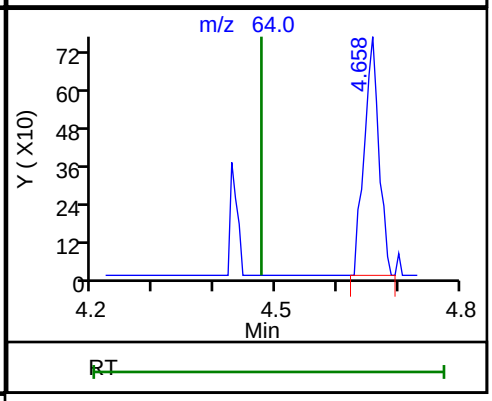
64 1,2-Dichloroethane, CAS: 107-06-2

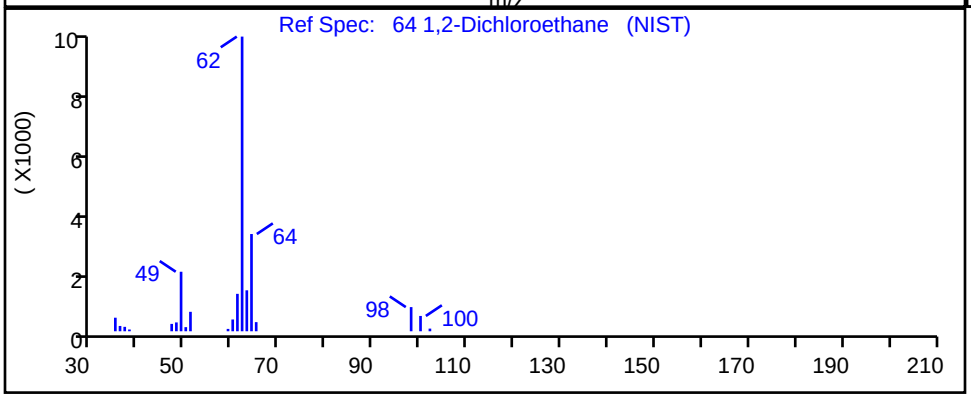
Processing Results











RT	Mass	Response	Amount
4.65	62.00	7005	1.951816
4.66	64.00	1277	

Reviewer: parekhv, 02-Sep-2020 16:54:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

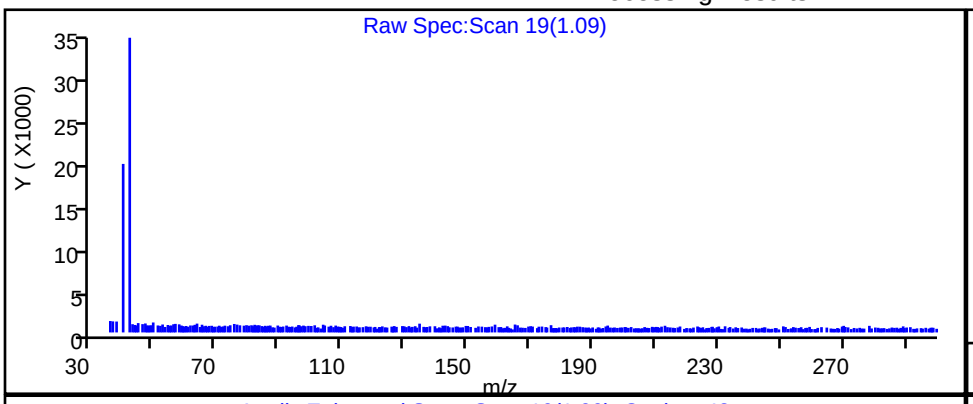
User Disabled Compound Report

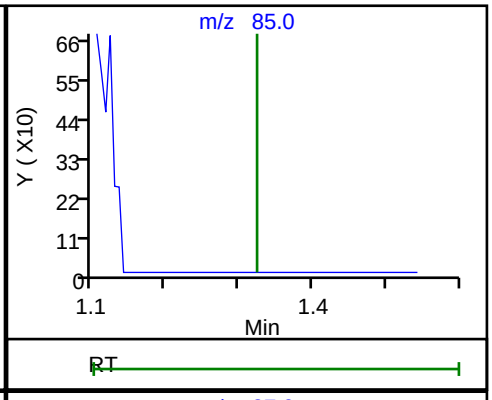
Eurofins TestAmerica, Edison

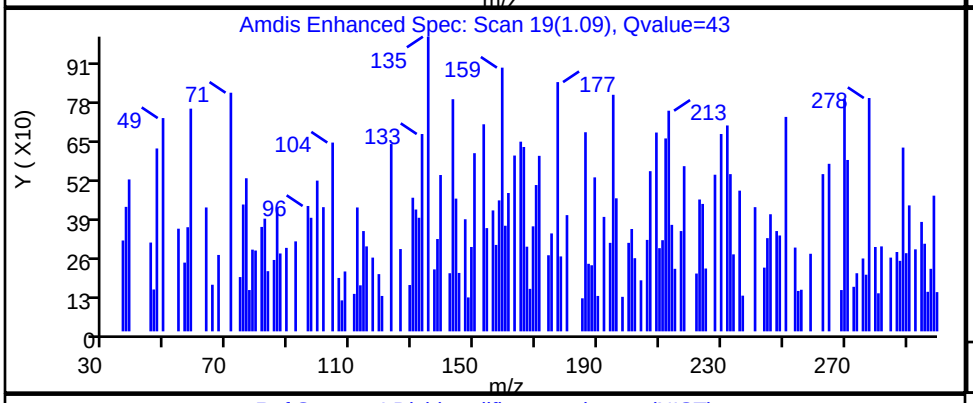
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129145.D				
Injection Date:	02-Sep-2020 16:22:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-A-6	Lab Sample ID:	460-217163-6		
Client ID:	TW-10_20200828				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

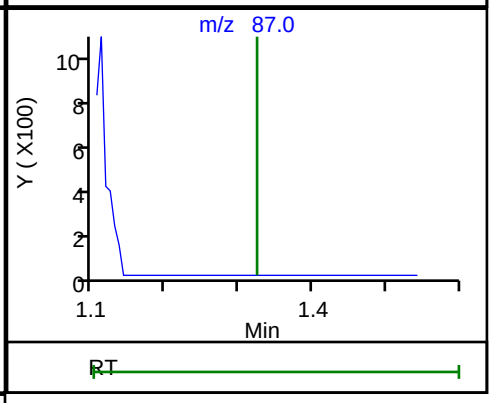
4 Dichlorodifluoromethane, CAS: 75-71-8

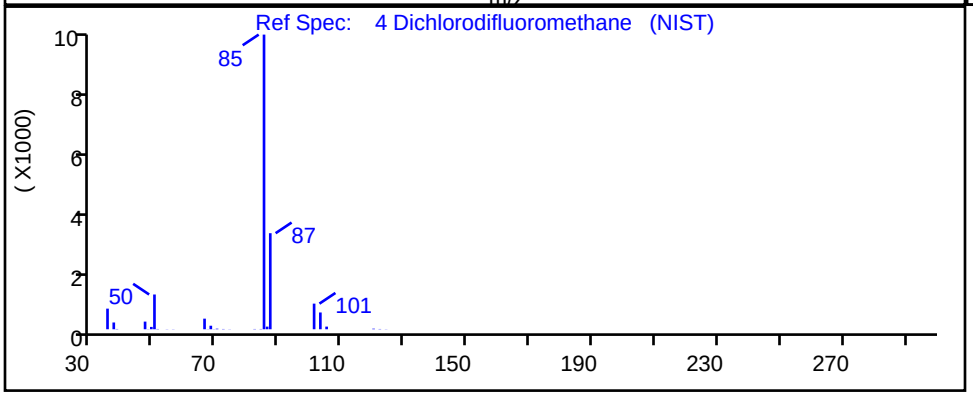
Processing Results











RT	Mass	Response	Amount
1.09	85.00	2623	0.505289
1.09	87.00	868	

Reviewer: parekhv, 02-Sep-2020 16:54:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-09_20200828 Lab Sample ID: 460-217163-7

Matrix: Water Lab File ID: TT129146.D

Analysis Method: 8260C Date Collected: 08/28/2020 09:12

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.34	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-09_20200828 Lab Sample ID: 460-217163-7

Matrix: Water Lab File ID: TT129146.D

Analysis Method: 8260C Date Collected: 08/28/2020 09:12

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 16:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	3.1		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129146.D
Lims ID: 460-217163-A-7
Client ID: TW-09_20200828
Sample Type: Client
Inject. Date: 02-Sep-2020 16:43:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217163-A-7
Misc. Info.: 460-0116143-030
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:30:07 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 17:04:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.701	2.701	0.000	99	40105	1000.0	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	100	246561	250.0	
52 Chloroform	83	3.945	3.939	0.006	90	1623	0.3352	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	96	131360	50.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.408	4.402	0.006	96	142043	50.4	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	508545	50.0	
* 72 1,4-Dioxane-d8	96	5.323	5.317	0.006	90	22105	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	408669	50.8	
88 Tetrachloroethene	166	6.896	6.890	0.006	96	7606	3.11	
* 94 Chlorobenzene-d5	117	7.963	7.956	0.007	87	314376	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	114060	46.6	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	168388	50.0	

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 10:31:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129146.D

Injection Date: 02-Sep-2020 16:43:30 Instrument ID: CVOAMS17

Lims ID: 460-217163-A-7 Lab Sample ID: 460-217163-7

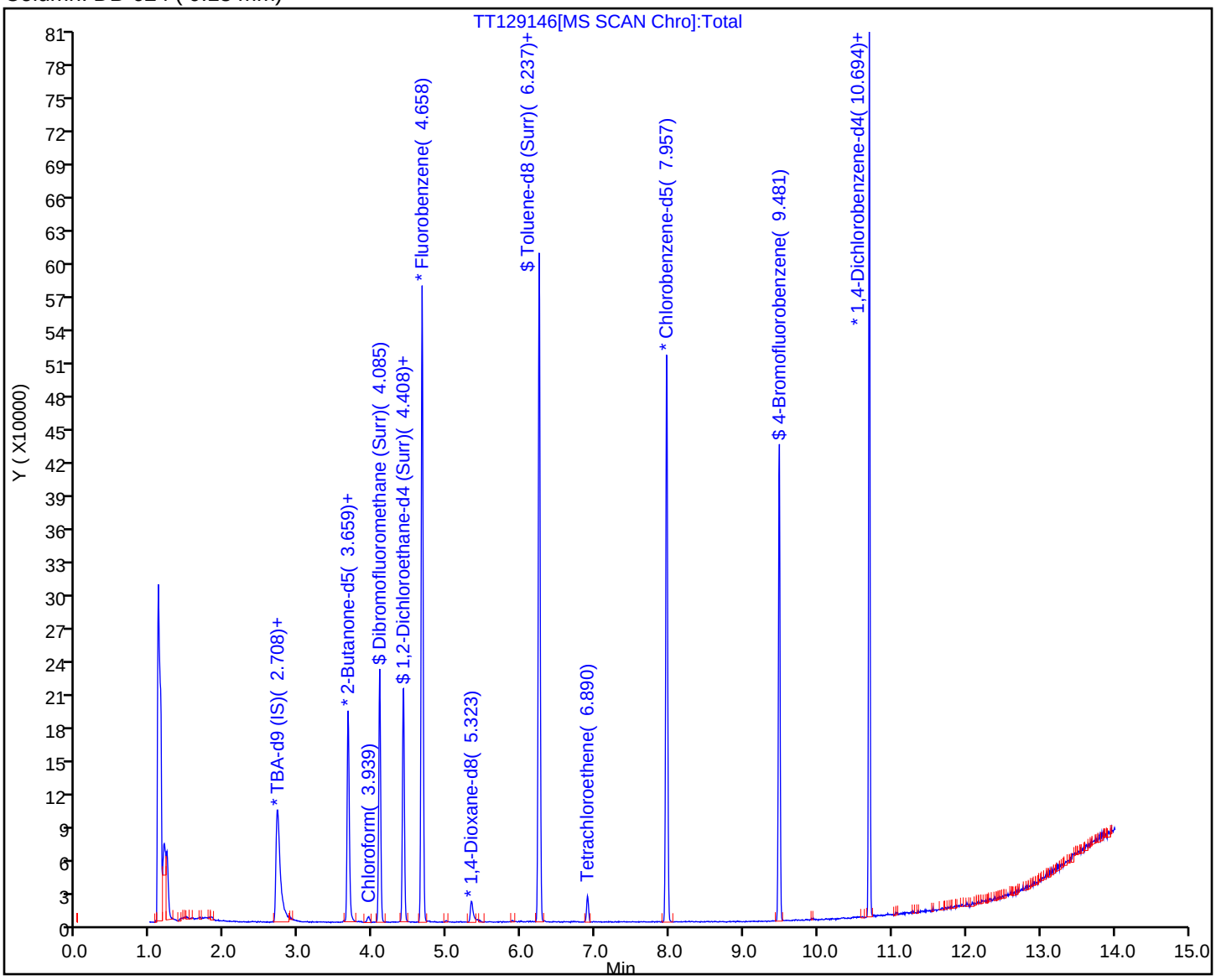
Client ID: TW-09_20200828

Operator ID: ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

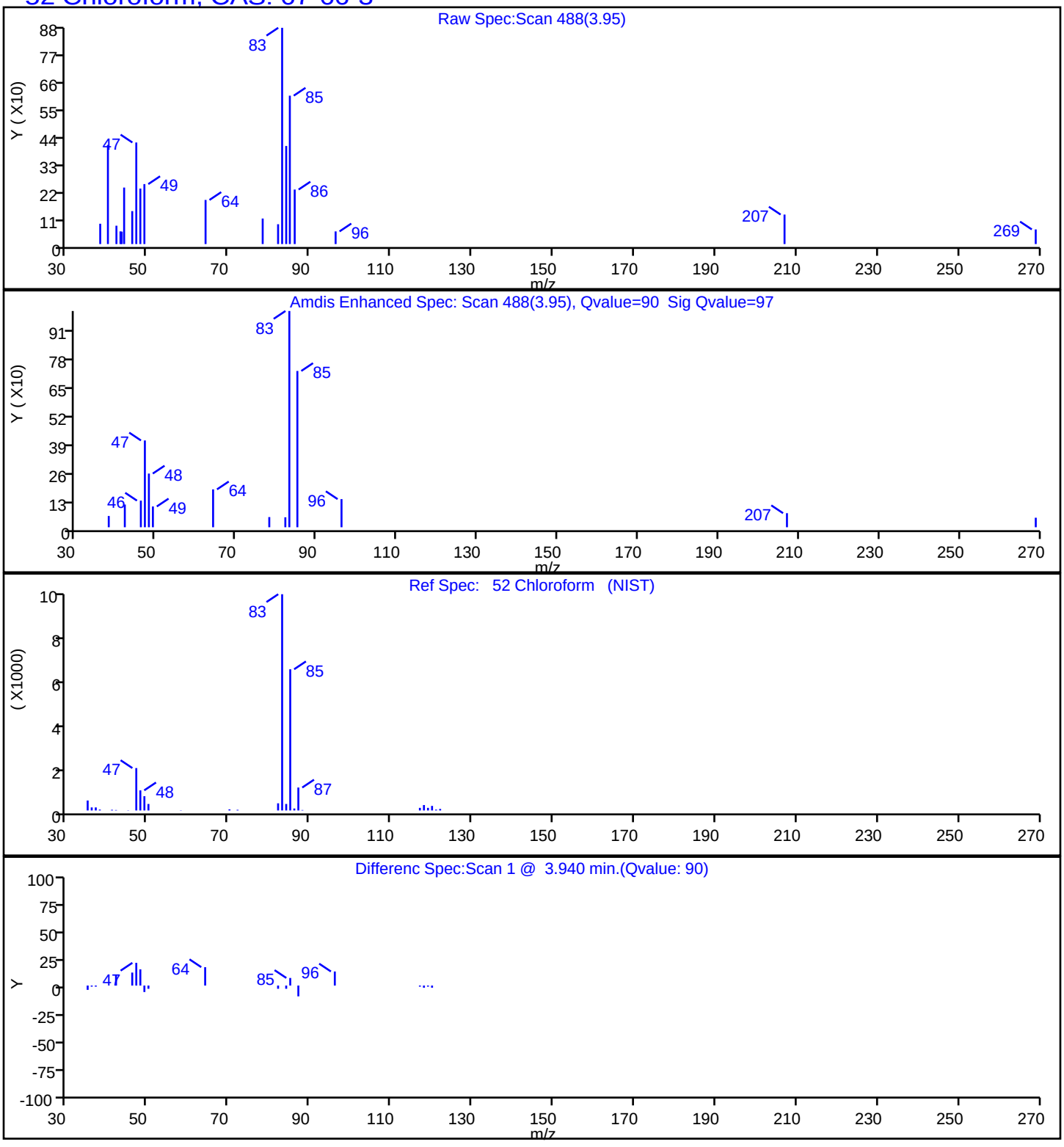
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129146.D		
Injection Date:	02-Sep-2020 16:43:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-7	Lab Sample ID:	460-217163-7
Client ID:	TW-09_20200828		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

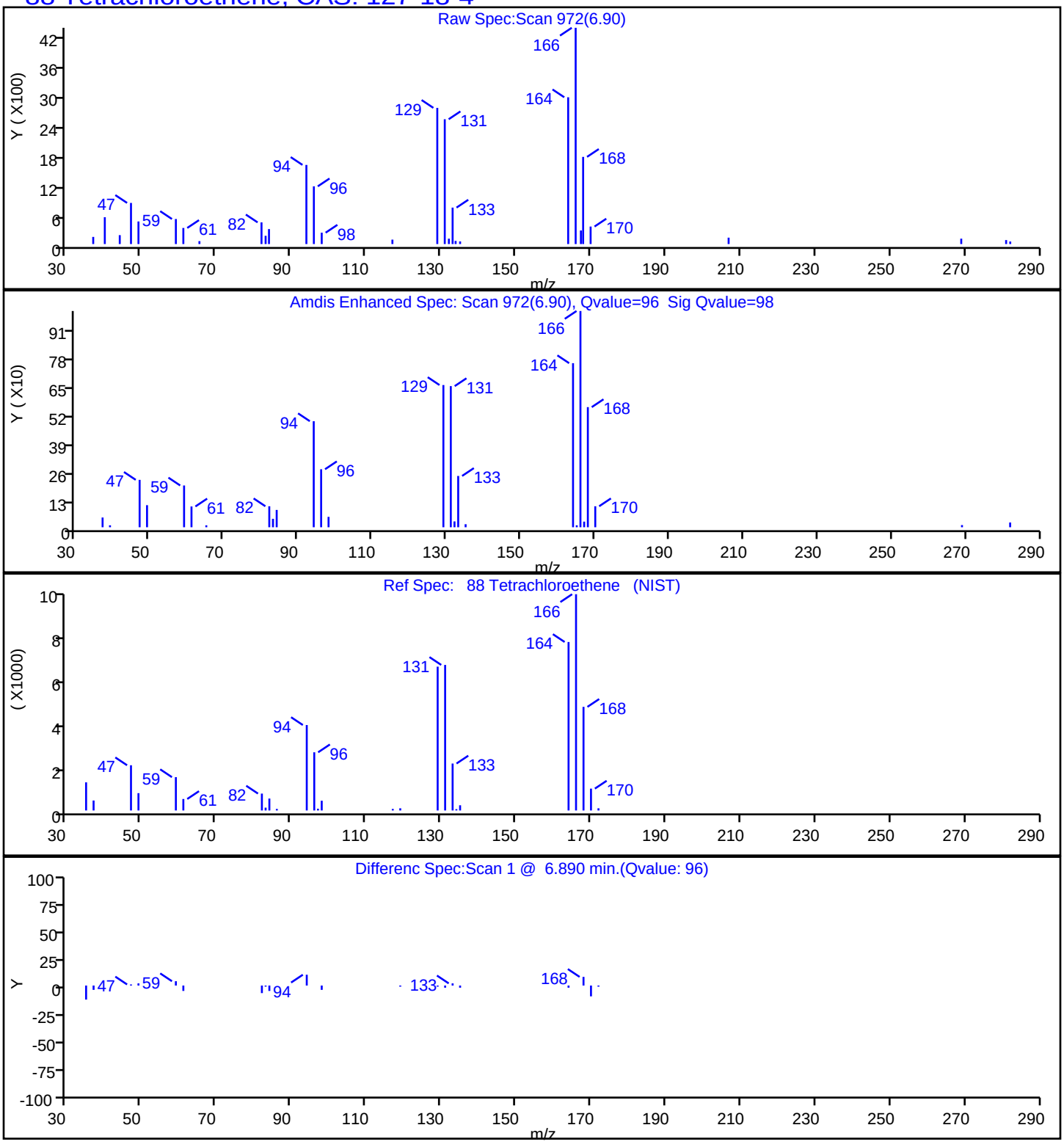
52 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129146.D		
Injection Date:	02-Sep-2020 16:43:30	Instrument ID:	CVOAMS17
Lims ID:	460-217163-A-7	Lab Sample ID:	460-217163-7
Client ID:	TW-09_20200828		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



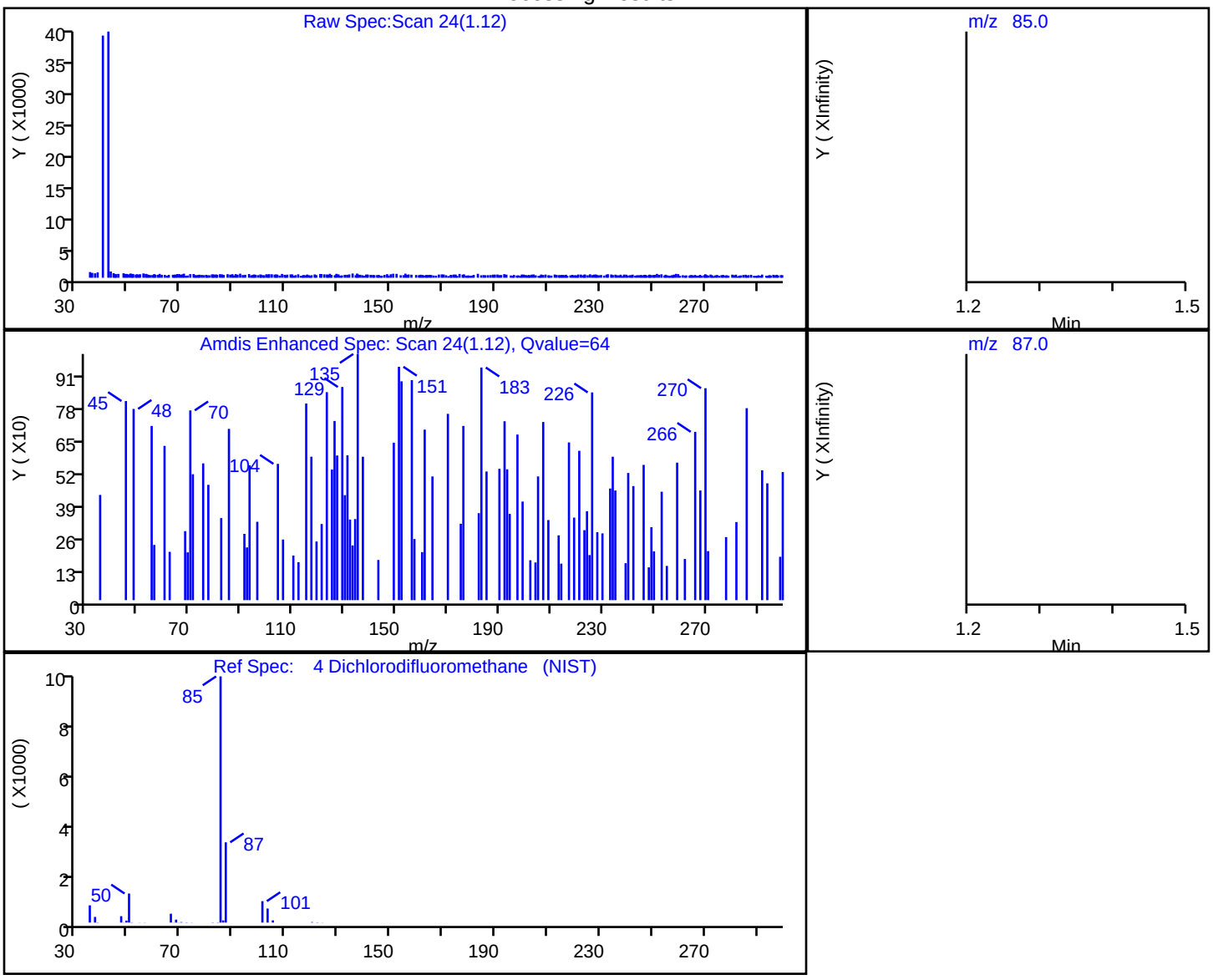
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129146.D				
Injection Date:	02-Sep-2020 16:43:30	Instrument ID:	CVOAMS17		
Lims ID:	460-217163-A-7	Lab Sample ID:	460-217163-7		
Client ID:	TW-09_20200828				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.12	85.00	1228	0.236921
1.13	87.00	572	

Reviewer: parekhv, 02-Sep-2020 17:04:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-706917/3	P76752.D
Level 2	STD1 460-706917/17	P76766.D
Level 3	STD5 460-706917/5	P76754.D
Level 4	STD20 460-706917/6	P76755.D
Level 5	STD50 460-706917/7	P76756.D
Level 6	STD200 460-706917/8	P76757.D
Level 7	STD500 460-706917/9	P76758.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0783	0.0806 0.0823	0.0711	0.0766	0.0656	Ave		0.0757				8.3		20.0			
Monochloropentafluoroethane	+++++ 0.0137	+++++ 0.0134	0.0201	0.0200	0.0154	Ave		0.0165				19.9		20.0			
Dichlorodifluoromethane	+++++ 0.3438	0.4659 0.3445	0.4694	0.4232	0.3790	Ave		0.4043			0.1000	14.1		20.0			
1,1-Difluoroethane	+++++ 0.1333	0.1954 0.1278	0.1504	0.1433	0.1360	Ave		0.1477				16.7		20.0			
Chlorodifluoromethane	+++++ 0.0508	0.0710 0.0492	0.0593	0.0546	0.0515	Ave		0.0560				14.5		20.0			
Vinyl chloride	+++++ 0.3503	0.4346 0.3523	0.4035	0.3750	0.3649	Ave		0.3801			0.1000	8.7		20.0			
Butadiene	0.3275 0.3265	0.3582 0.3497	0.3440	0.3491	0.3284	Ave		0.3405				3.8		20.0			
Chloromethane	+++++ 0.4714	0.5664 0.4795	0.5538	0.4864	0.4905	Ave		0.5080			0.1000	8.1		20.0			
Bromomethane	+++++ 2.3085	2.6450 1.9305	1.6317	1.6086	1.7118	QuaF		2.4304	-0.000991		0.1000				0.9980		0.9900
Chloroethane	+++++ 0.2735	0.3276 0.1800	0.2697	0.3276	0.2860	Ave		0.2774			0.1000	19.5		20.0			
Pentane	+++++ 3.1924	3.5738 1.9365	3.2509	3.2305	3.0721	Ave		3.0427				18.6		20.0			
Trichlorofluoromethane	+++++ 0.4953	0.4617 0.4190	0.5063	0.5206	0.5145	Ave		0.4862			0.1000	8.0		20.0			
Dichlorofluoromethane	+++++ 0.5878	0.6013 0.5215	0.6115	0.5937	0.6138	Ave		0.5883				5.8		20.0			
2-Methyl-1,3-butadiene	+++++ 0.4994	0.4682 0.5364	0.4764	0.4895	0.5068	Ave		0.4961				4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2706	0.2523 0.2729	0.2710	0.2649	0.2670	Ave		0.2665				2.8		20.0			
1,1-Dichloroethene	+++++ 0.2807	0.3213 0.2865	0.2719	0.2652	0.2717	Ave		0.2829			0.1000	7.2		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.4432	0.4924 0.4316	0.3690	0.4336	0.4185	Ave		0.4314				9.2		20.0			
Ethanol	+++++ 0.0809	0.1299 0.0806	0.0744	0.0656	0.0784	QuaF		0.0803	0						1.0000		0.9900
Carbon disulfide	+++++ 1.0400	1.2128 1.0634	1.0068	0.9772	0.9960	Ave		1.0494			0.1000	8.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2807	0.2949 0.2881	0.2994	0.2824	0.2592	Ave		0.2841			0.1000	5.0		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4471	0.5134 0.4592	0.4274	0.4258	0.4176	Ave		0.4484				7.9		20.0			
Iodomethane	+++++ 0.3444	0.1201 0.3165	0.1189	0.1768	0.2361	QuaF		0.3417	-0.000049						0.9980		0.9900
Cyclopentene	+++++ 0.7720	0.8232 0.8310	0.7734	0.7668	0.7505	Ave		0.7861				4.2		20.0			
Acrolein	+++++ 1.5079	1.4537 1.5097	1.4864	1.4127	1.4204	Ave		1.4651				2.9		20.0			
Allyl chloride	+++++ 0.1808	0.1803 0.1722	0.1802	0.1699	0.1733	Ave		0.1761				2.8		20.0			
Isopropyl alcohol	+++++ 0.7468	0.7867 0.7090	0.7695	0.7985	0.7598	Ave		0.7617				4.2		20.0			
Methylene Chloride	+++++ 0.3309	0.3761 0.3202	0.3629	0.3405	0.3255	Ave		0.3427			0.1000	6.5		20.0			
Acetone	+++++ 0.8286	1.1714 0.8730	0.8982	0.8009	0.7586	Ave		0.8884			0.0500	16.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.2985	0.3808 0.3051	0.3192	0.2932	0.2910	Ave		0.3146			0.1000	10.8		20.0			
Methyl acetate	+++++ 8.1317	9.1681 5.3665	8.8197	8.5715	8.7217	Ave		8.1299			0.1000	17.2		20.0			
Hexane	+++++ 0.0737	0.0667 0.0793	0.0781	0.0704	0.0676	Ave		0.0726				7.3		20.0			
Methyl tert-butyl ether	+++++ 0.8297	0.7107 0.8155	0.7992	0.8030	0.7886	Ave		0.7911			0.1000	5.3		20.0			
2-Methyl-2-propanol	+++++ 1.1181	1.8467 1.0919	1.2311	1.1334	1.1126	QuaF		1.1332	-0.000008						1.0000		0.9900
Acetonitrile	+++++ 1.5358	1.5712 1.4119	1.5633	1.4996	1.4650	Ave		1.5078				4.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	+++++ 0.8807	0.7713 0.8943	0.8251	0.8315	0.8460	Ave		0.8415				5.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2383	0.2678 0.2470	0.2404	0.2282	0.2280	Ave		0.2416				6.1		20.0			
1,1-Dichloroethane	+++++ 0.4813	0.5095 0.4930	0.4952	0.4878	0.4674	Ave		0.4890			0.2000	2.9		20.0			
Acrylonitrile	0.0858 0.0791	0.0707 0.0840	0.0795	0.0820	0.0780	Ave		0.0799				6.1		20.0			
Tert-butyl ethyl ether	+++++ 0.8283	0.6614 0.9070	0.7219	0.7450	0.7666	Ave		0.7717				11.1		20.0			
Vinyl acetate	+++++ 0.5154	0.4299 0.6144	0.4640	0.5056	0.4984	Ave		0.5046				12.4		20.0			
cis-1,2-Dichloroethene	+++++ 0.2779	0.3292 0.2771	0.2979	0.2664	0.2763	Ave		0.2875			0.1000	8.0		20.0			
2,2-Dichloropropane	+++++ 0.3425	0.3696 0.3453	0.3212	0.3346	0.3221	Ave		0.3392				5.3		20.0			
Cyclohexane	+++++ 0.4319	0.4476 0.4582	0.4401	0.4310	0.4005	Ave		0.4349			0.1000	4.5		20.0			
Chlorobromomethane	+++++ 0.1340	0.1489 0.0987	0.1407	0.1357	0.1304	Ave		0.1314				13.1		20.0			
Chloroform	+++++ 0.4487	0.4911 0.4535	0.4921	0.4498	0.4402	Ave		0.4625			0.2000	4.9		20.0			
Carbon tetrachloride	+++++ 0.2968	0.2870 0.3163	0.2777	0.2760	0.2786	Ave		0.2887			0.1000	5.4		20.0			
Ethyl acetate	+++++ 0.3031	0.3451 0.3181	0.3060	0.2870	0.2901	Ave		0.3082				6.9		20.0			
Methyl acrylate	+++++ 0.1923	0.1337 0.2032	0.1724	0.1806	0.1866	Ave		0.1781				13.6		20.0			
Tetrahydrofuran	+++++ 1.0322	1.1791 1.0842	1.0240	0.9778	0.9959	Ave		1.0489				7.0		20.0			
1,1,1-Trichloroethane	+++++ 0.3729	0.3742 0.3808	0.3783	0.3673	0.3620	Ave		0.3726			0.1000	1.9		20.0			
2-Butanone (MEK)	+++++ 0.3410	0.3379 0.3451	0.3256	0.3112	0.3203	Ave		0.3302			0.0500	4.0		20.0			
1,1-Dichloropropene	+++++ 0.3569	0.4411 0.3662	0.3807	0.3599	0.3560	Ave		0.3768				8.7		20.0			
2,2,4-Trimethylpentane	+++++ 0.6389	0.6954 0.6356	0.6691	0.6306	0.5747	Ave		0.6407				6.4		20.0			
n-Heptane	+++++ 0.1547	0.1862 0.1715	0.1596	0.1492	0.1416	Ave		0.1605				10.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	+++++ 1.5021	1.5310 1.5164	1.5460	1.5207	1.5168	Ave		1.5222			0.5000	1.0		20.0			
Propionitrile	+++++ 1.5803	1.7087 1.7648	1.5318	1.4984	1.4602	Ave		1.5907				7.6		20.0			
Methacrylonitrile	+++++ 0.0980	0.0661 0.1099	0.0893	0.0911	0.0922	Ave		0.0911				15.7		20.0			
Tert-amyl methyl ether	+++++ 0.7055	0.5349 0.7712	0.5981	0.6044	0.6511	Ave		0.6442				13.1		20.0			
1,2-Dichloroethane	+++++ 0.3381	0.3855 0.3495	0.3459	0.3372	0.3289	Ave		0.3475			0.1000	5.7		20.0			
Isobutyl alcohol	+++++ 0.4069	0.3577 0.4263	0.3251	0.3461	0.3687	Ave		0.3718				10.2		20.0			
Isopropyl acetate	+++++ 0.4212	0.2979 0.4607	0.3751	0.3945	0.4194	Ave		0.3948				14.1		20.0			
Methylcyclohexane	+++++ 0.4218	0.3868 0.4506	0.4168	0.3870	0.3842	Ave		0.4079			0.1000	6.5		20.0			
Trichloroethene	+++++ 0.2726	0.2543 0.2784	0.2810	0.2560	0.2607	Ave		0.2672			0.2000	4.4		20.0			
Dibromomethane	+++++ 0.1527	0.1463 0.1546	0.1532	0.1494	0.1486	Ave		0.1508				2.1		20.0			
n-Butanol	+++++ 0.2618	0.0651 0.2762	0.1629	0.2010	0.2212	QuaF		0.2462	0.0000024						1.0000		0.9900
1,2-Dichloropropane	+++++ 0.2722	0.2444 0.2735	0.2644	0.2677	0.2653	Ave		0.2646			0.1000	4.0		20.0			
Dichlorobromomethane	+++++ 0.3471	0.3103 0.3527	0.3232	0.3152	0.3283	Ave		0.3295			0.2000	5.2		20.0			
Ethyl acrylate	+++++ 0.2768	0.1621 0.2956	0.1688	0.2256	0.2521	Qua2	-0.070	0.2237	0.0001642						0.9900		0.9900
Methyl methacrylate	+++++ 0.0581	0.0363 0.0605	0.0474	0.0513	0.0559	Ave		0.0516				17.2		20.0			
1,4-Dioxane	+++++ 1.2345	1.4177 1.4036	1.4362	1.2425	1.2496	Ave		1.3307				7.3		20.0			
n-Propyl acetate	+++++ 0.2915	0.1468 0.3014	0.2022	0.2519	0.2736	Qua2	-0.114	0.2546	0.0001091						0.9960		0.9900
2-Chloroethyl vinyl ether	+++++ 0.0432	+++++ 0.0668	0.0115	0.0132	0.0212	Ave		0.0312				75.6	*	20.0			
cis-1,3-Dichloropropene	+++++ 0.5821	0.4335 0.5821	0.4842	0.5167	0.5568	Ave		0.5259			0.2000	11.3		20.0			
Toluene	+++++ 1.5525	1.6394 1.5548	1.5473	1.5002	1.5484	Ave		1.5571			0.4000	2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	+++++ 0.1753	0.0881 0.2012	0.0839	0.1144	0.1432	Ave		0.1344				35.4	*	20.0			
2-Nitropropane	+++++ 0.0526	0.0445 0.0583	0.0362	0.0408	0.0468	Ave		0.0465				17.1		20.0			
Tetrachloroethene	+++++ 0.3660	0.3810 0.3598	0.3558	0.3527	0.3666	Ave		0.3637			0.2000	2.8		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.3990	1.6369 2.5580	1.9810	2.1517	2.3213	Ave		2.1746			0.0500	15.2		20.0			
trans-1,3-Dichloropropene	+++++ 0.5357	0.3231 0.5557	0.4154	0.4607	0.5023	Ave		0.4655			0.1000	18.5		20.0			
1,1,2-Trichloroethane	+++++ 0.2546	0.2184 0.2508	0.2577	0.2462	0.2546	Ave		0.2471			0.1000	5.9		20.0			
Ethyl methacrylate	+++++ 0.2787	0.1181 0.2848	0.2158	0.2553	0.2620	Qua2	-0.143	0.2582	0.0000616						0.9990		0.9900
Chlorodibromomethane	+++++ 0.3369	0.2149 0.3345	0.2832	0.2989	0.3213	Ave		0.2983			0.1000	15.4		20.0			
1,3-Dichloropropane	+++++ 0.5279	0.4455 0.5084	0.4921	0.5200	0.5349	Ave		0.5048				6.5		20.0			
Ethylene Dibromide	+++++ 0.3017	0.1813 0.2941	0.2594	0.2883	0.3056	Ave		0.2717			0.1000	17.4		20.0			
n-Butyl acetate	+++++ 0.4298	0.2144 0.4288	0.3400	0.3813	0.3966	Qua2	-0.181	0.3918	0.0000914						0.9990		0.9900
2-Hexanone	+++++ 1.6638	0.8616 1.7307	1.3450	1.5080	1.5939	QuaF		1.6111	0.0000479		0.0500				1.0000		0.9900
Chlorobenzene	+++++ 0.9592	1.0723 0.9642	0.9725	0.9452	0.9423	Ave		0.9760			0.5000	5.0		20.0			
Ethylbenzene	+++++ 0.5378	0.5375 0.5697	0.5427	0.5246	0.5292	Ave		0.5403			0.1000	2.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3388	0.2404 0.3497	0.2844	0.2883	0.3203	Ave		0.3037				13.4		20.0			
m-Xylene & p-Xylene	+++++ 0.6548	0.6618 0.6499	0.6328	0.6267	0.6640	Ave		0.6483			0.1000	2.4		20.0			
o-Xylene	+++++ 0.6329	0.5316 0.6313	0.5831	0.6158	0.6285	Ave		0.6039			0.3000	6.6		20.0			
Bromoform	+++++ 0.2091	0.1209 0.2172	0.1387	0.1589	0.1833	Qua2	-0.050	0.1667	0.0001179		0.1000				0.9940		0.9900
Styrene	+++++ 1.0866	0.7336 1.0868	0.9385	0.9986	1.0614	Ave		0.9843			0.3000	13.8		20.0			
n-Butyl acrylate	+++++ 0.2349	0.0641 0.2396	0.1536	0.2015	0.2162	Qua2	-0.146	0.2054	0.0000816						0.9960		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	+++++ 1.6684	1.5635 1.6740	1.5815	1.6362	1.6572	Ave		1.6301			0.1000	2.9		20.0			
Amyl acetate (mixed isomers)	+++++ 0.9602	0.4350 1.0355	0.7440	0.8649	0.9294	Qua2	-0.459	0.8841	0.0003223						0.9990		0.9900
Bromobenzene	+++++ 0.7525	0.7886 0.7735	0.7761	0.7530	0.7473	Ave		0.7652				2.2		20.0			
N-Propylbenzene	+++++ 3.6244	3.3356 3.7118	3.6355	3.5410	3.6077	Ave		3.5760				3.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6452	0.5179 0.7223	0.6271	0.6150	0.6219	Ave		0.6249			0.3000	10.5		20.0			
2-Chlorotoluene	+++++ 2.4987	2.4585 2.6851	2.4936	2.4002	2.4664	Ave		2.5004				3.9		20.0			
4-Ethyltoluene	+++++ 3.0549	2.7439 3.1910	2.9472	2.9265	3.0087	Ave		2.9787				5.0		20.0			
1,2,3-Trichloropropane	+++++ 0.1786	0.1505 0.1869	0.1805	0.1792	0.1795	Ave		0.1758				7.3		20.0			
1,3,5-Trimethylbenzene	+++++ 2.5339	2.4734 2.6256	2.3898	2.3965	2.4732	Ave		2.4821				3.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1840	0.0425 0.2079	0.0787	0.1252	0.1556	QuaF		0.1647	0.0000866						1.0000		0.9900
4-Chlorotoluene	+++++ 2.2925	2.1647 2.3640	2.1088	2.1993	2.2510	Ave		2.2300				4.1		20.0			
tert-Butylbenzene	+++++ 2.0694	2.0267 2.1159	2.0217	2.0349	2.0764	Ave		2.0575				1.8		20.0			
1,2,4-Trimethylbenzene	+++++ 2.7192	2.2058 2.8204	2.3809	2.4455	2.5431	Ave		2.5191				8.9		20.0			
Butyl Methacrylate	+++++ 0.9314	0.3774 1.0211	0.5608	0.6982	0.7769	Qua2	-0.355	0.7147	0.0006840						0.9950		0.9900
sec-Butylbenzene	+++++ 3.2672	3.3156 3.2644	3.1214	3.1172	3.1629	Ave		3.2081				2.6		20.0			
1,3-Dichlorobenzene	+++++ 1.4768	1.4242 1.5076	1.4156	1.4121	1.4693	Ave		1.4509			0.6000	2.7		20.0			
4-Isopropyltoluene	+++++ 2.7671	2.4024 2.8308	2.4729	2.5781	2.6805	Ave		2.6219				6.4		20.0			
1,4-Dichlorobenzene	+++++ 1.5045	1.9029 1.5088	1.5918	1.5098	1.5123	Ave		1.5884			0.5000	9.9		20.0			
1,2,3-Trimethylbenzene	+++++ 2.7807	2.4269 2.8515	2.5560	2.5758	2.6689	Ave		2.6433				5.9		20.0			
Indan	+++++ 2.7279	2.4947 2.7049	2.5871	2.5957	2.6647	Ave		2.6292				3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	+++++ 0.2413	0.0721 0.2745	0.1326	0.1634	0.1927	Qua2	-0.105	0.1728	0.0002244						0.9940		0.9900
p-Diethylbenzene	+++++ 1.4549	1.1970 1.4682	1.2439	1.2869	1.3670	Ave		1.3363				8.4		20.0			
n-Butylbenzene	+++++ 2.6661	2.3374 2.6443	2.4440	2.3720	2.5055	Ave		2.4949				5.5		20.0			
1,2-Dichlorobenzene	+++++ 1.4859	1.4954 1.4627	1.4235	1.4117	1.4539	Ave		1.4555			0.4000	2.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6306	2.2085 2.6292	2.2092	2.4316	2.5375	Ave		2.4411				8.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1270	0.0840 0.1303	0.1045	0.1214	0.1243	Ave		0.1152			0.0500	15.4		20.0			
1,3,5-Trichlorobenzene	+++++ 1.1095	1.2363 1.0881	1.0493	1.0809	1.1122	Ave		1.1127				5.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.9825	0.9180 0.9722	0.9754	0.9745	1.0035	Ave		0.9710			0.2000	2.9		20.0			
Hexachlorobutadiene	+++++ 0.3471	0.4100 0.3281	0.3741	0.3510	0.3552	Ave		0.3609				7.8		20.0			
Naphthalene	+++++ 2.0842	1.5419 2.0919	1.8317	2.0980	2.1140	Ave		1.9603				11.8		20.0			
1,2,3-Trichlorobenzene	+++++ 0.8768	0.9991 0.8567	0.9493	0.9007	0.8882	Ave		0.9118				5.8		20.0			
Dibromofluoromethane (Surr)	0.2482 0.2289	0.2354 0.2308	0.2373	0.2313	0.2240	Ave		0.2337				3.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2869 0.2818	0.2623 0.3122	0.2770	0.2792	0.2624	Ave		0.2803				6.0		20.0			
Toluene-d8 (Surr)	1.2077 1.2300	1.2171 1.1591	1.2248	1.2156	1.2324	Ave		1.2124				2.1		20.0			
4-Bromofluorobenzene	0.3783 0.4066	0.3877 0.3919	0.4126	0.4122	0.4108	Ave		0.4000				3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-706917/3	P76752.D
Level 2	STD1 460-706917/17	P76766.D
Level 3	STD5 460-706917/5	P76754.D
Level 4	STD20 460-706917/6	P76755.D
Level 5	STD50 460-706917/7	P76756.D
Level 6	STD200 460-706917/8	P76757.D
Level 7	STD500 460-706917/9	P76758.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 210958	929 633950	4087	18254	41703	+++++ 200	1.00 500	5.00	20.0	50.0
Monochloropentafluoroethane	FB	Ave	+++++ 36921	+++++ 103425	1153	4759	9778	+++++ 200	+++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 926541	5371 2654914	26993	100863	240897	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	+++++ 359256	2252 985181	8651	34157	86439	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 136972	818 378913	3409	13012	32721	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 944080	5010 2715278	23206	89392	231960	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	884 880003	4129 2694930	19782	83207	208727	0.250 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1270504	6529 3695587	31846	115930	311761	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	QuaF	+++++ 510330	2131 1232710	7879	32803	89207	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 737107	3776 1387146	15511	78077	181764	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 336798	1362 617563	7519	31155	76767	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1334838	5322 3229431	29115	124084	327025	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1584197	6932 4019458	35162	141519	390146	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 1346019	5397 4133773	27398	116683	322121	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 729232	2909 2102952	15584	63153	169703	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	+++++ 756586	3704 2207777	15638	63216	172686	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 1194476	5676 3326387	21221	103350	265989	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	QuaF	+++++ 170592	990 513937	3440	12644	39163	+++++ 8000	40.0 20000	200	800	2000
Carbon disulfide	FB	Ave	+++++ 2803044	13981 8195378	57897	232917	633042	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 756495	3400 2220108	17220	67314	164736	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 1205033	5919 3538923	24580	101505	265441	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	QuaF	+++++ 928245	1384 2438951	6839	42142	150049	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 2080605	9490 6404280	44474	182766	477023	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 79542	1108 192588	6876	13624	35494	+++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	+++++ 487404	2079 1326902	10360	40489	110168	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 393953	1499 1130584	8899	38505	94937	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 891892	4336 2467497	20870	81158	206890	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 915863	4719 2787295	21685	81656	197662	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 804605	4390 2351596	18353	69882	184981	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 857882	3494 1711415	20399	82664	217944	+++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	+++++ 198616	769 611512	4489	16785	42991	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 2236030	8193 6285219	45957	191395	501216	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	QuaF	+++++ 589791	3519 1741147	14237	54651	139016	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 810110	2994 2251404	18079	72311	183048	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 2373654	8891 6892582	47446	198190	537744	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 642115	3087 1903790	13826	54384	144909	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	+++++ 1297156	5874 3799536	28478	116262	297078	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1852 2130580	8156 6470044	45697	195368	495928	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	+++++ 2232497	7625 6989930	41514	177567	487287	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 2778013	9911 9469553	53370	241008	633567	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 749020	3795 2135653	17131	63489	175607	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 923033	4261 2660899	18469	79755	204731	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1163988	5160 3531140	25309	102728	254593	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 361079	1717 760884	8092	32336	82889	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1209229	5661 3495185	28296	107212	279795	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 799899	3308 2437560	15969	65776	177079	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 133991	556 406223	2955	11704	30231	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 518354	1541 1565903	9914	43059	118600	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 456372	1900 1384528	9889	39877	103799	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1005073	4314 2934830	21756	87559	230098	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 376866	1361 1101763	7861	31732	83469	+++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	+++++ 961863	5085 2822171	21892	85782	226309	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 1721821	8016 4898819	38477	150312	365296	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 416923	2146 1321710	9179	35561	90003	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2907166	12345 8554209	62674	256703	675339	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	+++++ 833620	3256 2814076	17715	72252	182440	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 2641849	7625 8471211	51325	217139	585995	+++++ 2000	10.0 5000	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	+++++ 1901391	6166 5943408	34393	144066	413821	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 911148	4444 2693895	19894	80376	209063	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 536648	1704 1699495	9400	41718	115174	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 1135087	3434 3550476	21568	94028	266567	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1136795	4459 3472986	23968	92234	244206	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 734821	2932 2145799	16159	61023	165675	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 411556	1686 1191809	8809	35611	94428	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 345195	310 1101198	4709	24225	69085	+++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	+++++ 733515	2817 2107720	15206	63808	168644	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 935502	3577 2718285	18588	75130	208685	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	+++++ 746067	1869 2278436	9706	53765	160249	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 312979	836 932802	5452	24463	71093	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 128381	1410 373673	3164	11722	29996	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Qua2	+++++ 785712	1692 2322572	11629	60031	173895	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 116735	+++++ 515973	665	3150	13488	+++++ 200	+++++ 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1126673	3495 3283927	19628	87216	247910	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	+++++ 3004811	13219 8771046	62726	253243	689416	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	+++++ 775187	1420 2569334	8106	46672	149274	+++++ 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Ave	+++++ 283645	1025 898689	4169	19466	59466	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZ d5	Ave	+++++ 708370	3072 2029624	14425	59540	163236	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2651666	6594 8166806	47828	219384	604856	+++++ 1000	5.00 2500	25.0	100	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1036825	2605 3134655	16839	77775	223621	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 492730	1761 1414917	10448	41567	113366	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Qua2	+++++ 751130	1361 2195144	12409	60848	166545	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 652001	1733 1887216	11482	50459	143046	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1021792	3592 2868130	19948	87777	238154	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 583888	1462 1658821	10516	48667	136045	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Qua2	+++++ 831753	1729 2418753	13783	64369	176576	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	+++++ 1839092	3471 5525557	32473	153754	415314	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 1856451	8646 5439462	39424	159559	419539	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1040894	4334 3213969	22001	88554	235614	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 655793	1938 1972829	11528	48669	142631	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1267399	5336 3666152	25653	105785	295638	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1224952	4286 3561229	23640	103945	279851	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Qua2	+++++ 404601	975 1225478	5622	26830	81630	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 2102932	5915 6130837	38048	168569	472593	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Qua2	+++++ 454680	517 1351344	6225	34008	96252	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3228998	12607 9443384	64113	276192	737860	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Qua2	+++++ 1067680	1936 3208338	16400	82415	233594	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 836738	3510 2396410	17109	71752	187832	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 4030225	14847 11499943	80141	337429	906751	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 717403	2305 2237847	13825	58604	156301	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCBd 4	Ave	+++++ 2778464	10943 8319166	54970	228717	619899	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 3396942	12213 9886501	64970	278872	756188	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 198565	670 579031	3978	17072	45104	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2817651	11009 8134740	52681	228368	621596	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	+++++ 204631	189 644017	1735	11927	39108	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2549234	9635 7324306	46486	209577	565747	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2301077	9021 6555446	44568	193910	521875	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3023621	9818 8738279	52486	233031	639182	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	+++++ 1035669	1680 3163616	12363	66529	195255	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 3633016	14758 10113977	68809	297039	794959	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1642154	6339 4671068	31206	134558	369280	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 3076905	10693 8770578	54513	245666	673695	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1673004	8470 4674539	35091	143873	380084	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 3092023	10802 8834776	56346	245455	670779	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 3033315	11104 8380343	57031	247343	669740	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Qua2	+++++ 268300	321 850576	2923	15569	48424	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 1617831	5328 4548722	27421	122626	343584	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 2964654	10404 8192713	53877	226033	629710	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1652273	6656 4531871	31381	134524	365424	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 2925186	9830 8145875	48700	231706	637766	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 141172	374 403654	2304	11564	31232	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 706917

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 1233706	5503 3371079	23131	102998	279540	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 1092552	4086 3012061	21503	92866	252221	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 385966	1825 1016581	8247	33445	89286	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2317587	6863 6481265	40378	199924	531313	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 974994	4447 2654121	20926	85825	223239	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	134026 154205	135665 177838	136439	137859	142358	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	154902 189891	151167 240617	159309	166387	166791	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	486379 595123	490691 653868	496544	513010	548701	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	152331 196751	156314 221083	167254	173964	182918	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 09-Jul-2020 04:40:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0112940-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:42:59 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: baronm Date: 09-Jul-2020 10:07:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.900	0.900	0.000	83	884	0.2500	0.2405	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	98	215513	1000.0	1000.0	
39 Acrylonitrile	53	2.175	2.168	0.007	96	1852	2.00	2.15	
$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	97	134026	50.0	53.1	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	226009	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	154902	50.0	51.2	
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	539897	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	63	19760	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	98	486379	50.0	49.8	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	402725	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	91	152331	50.0	47.3	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	97	211465	50.0	50.0	

Reagents:

8260MIX1COMB_00120	Amount Added:	0.00	Units: uL	
ACROLEIN W_00108	Amount Added:	0.00	Units: uL	
GASES Li_00376	Amount Added:	2.50	Units: uL	
GAS Hi_00365	Amount Added:	0.00	Units: uL	
524freon_00024	Amount Added:	0.00	Units: uL	
8FreonHi_00020	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00075	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00100	Amount Added:	0.00	Units: uL	
MIX I Hi_00127	Amount Added:	0.00	Units: uL	
Ethanol mix_00041	Amount Added:	0.00	Units: uL	
14DIOXINTER_00116	Amount Added:	0.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:43:00 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13 Operator ID:

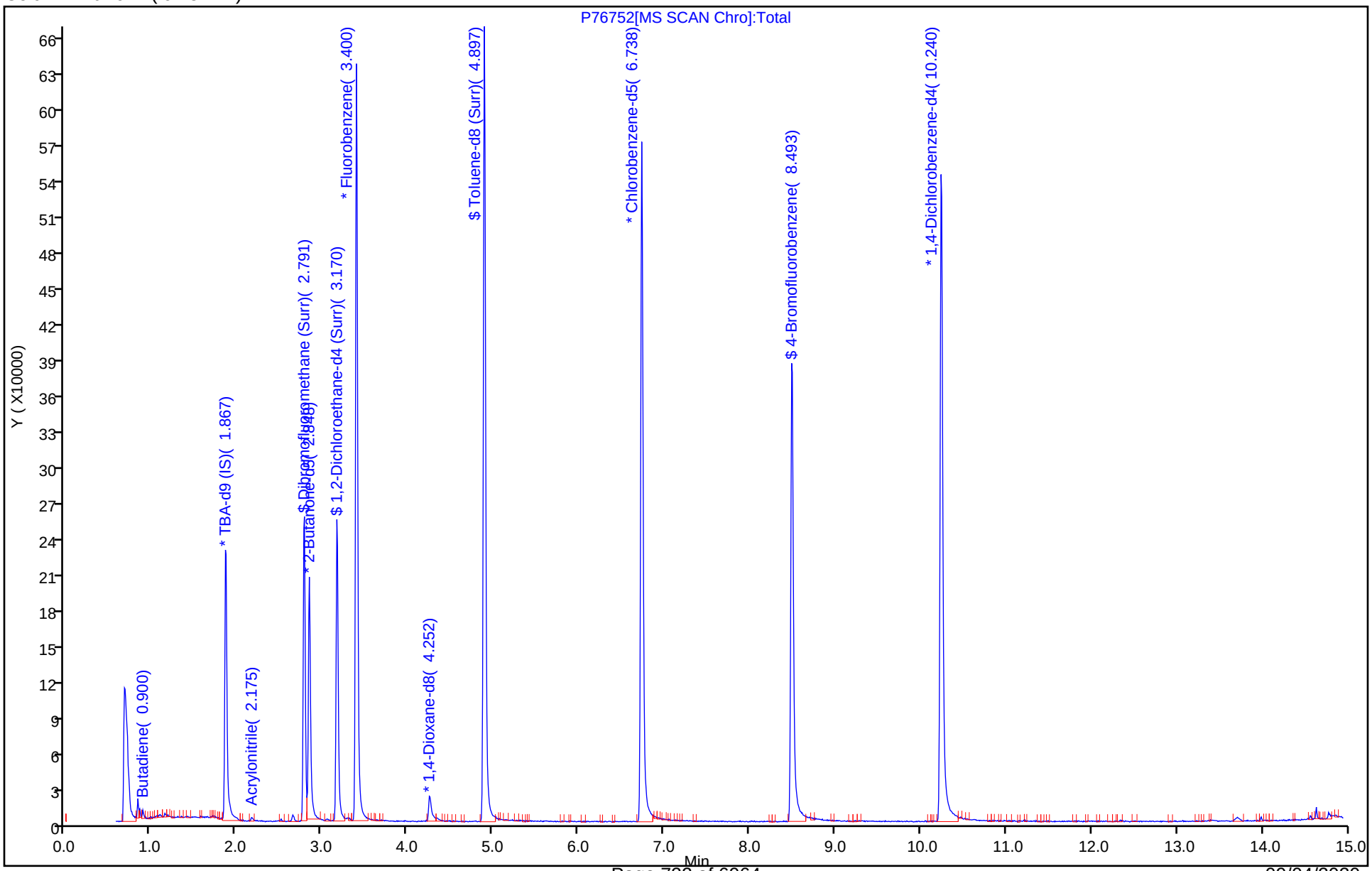
Lims ID: STD7 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



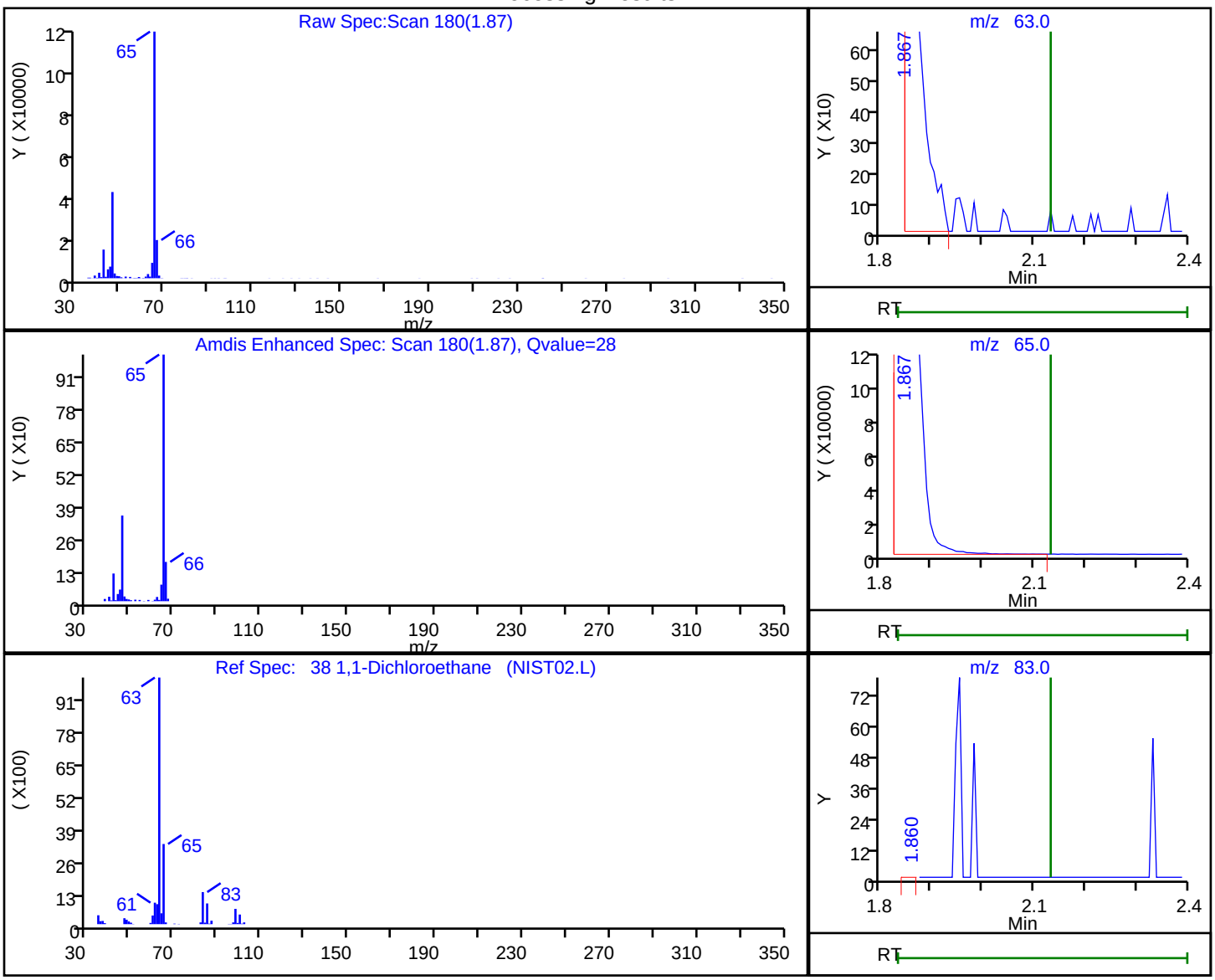
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
1.87	63.00	1520	0.296443
1.87	65.00	219404	
1.86	83.00	45	

Reviewer: baronm, 09-Jul-2020 10:06:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

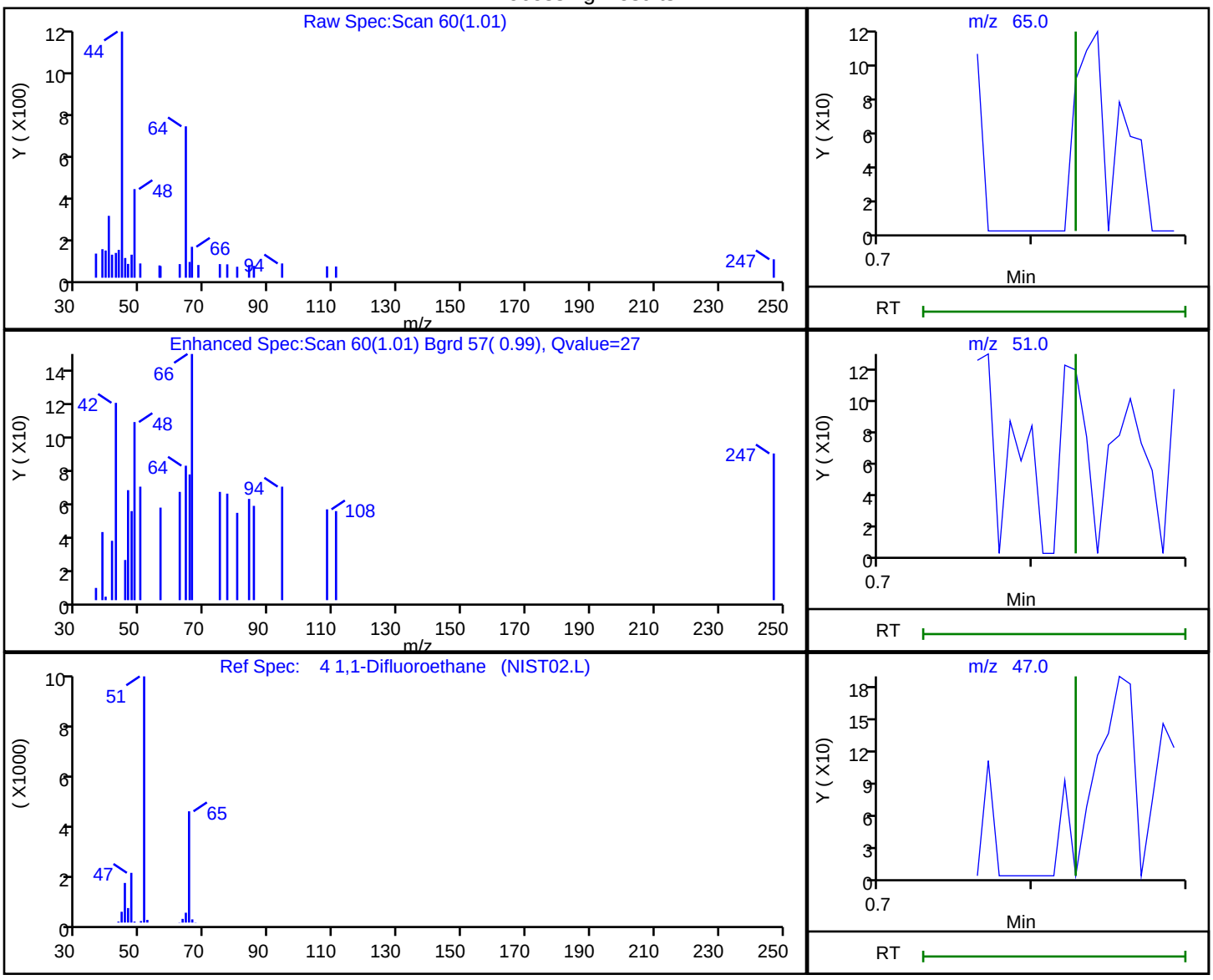
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
1.01	65.00	53	0.036902
1.00	51.00	33	
1.01	47.00	148	

Reviewer: baronm, 09-Jul-2020 10:03:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

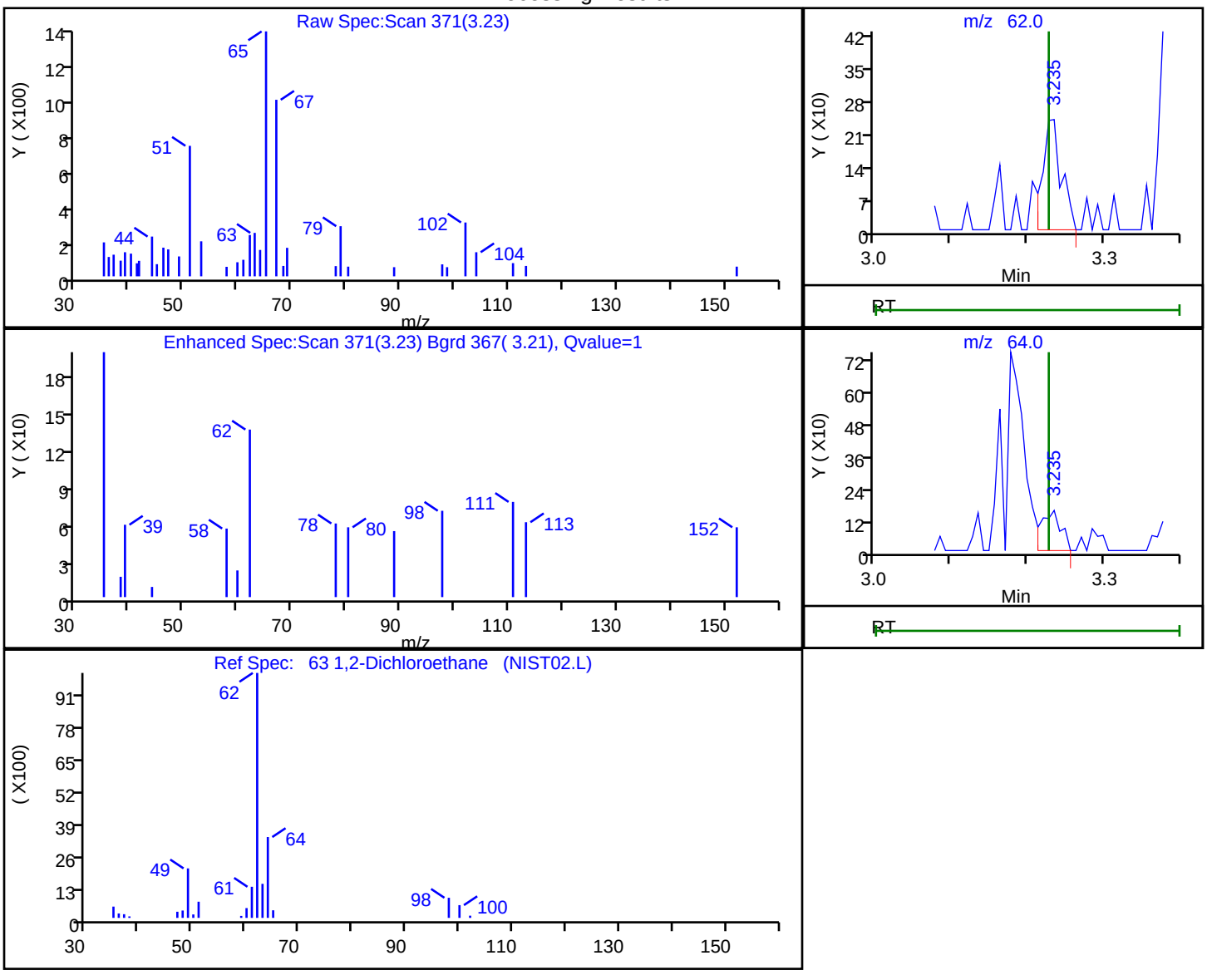
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.23	62.00	400	0.109733
3.23	64.00	272	

Reviewer: baronm, 09-Jul-2020 10:06:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

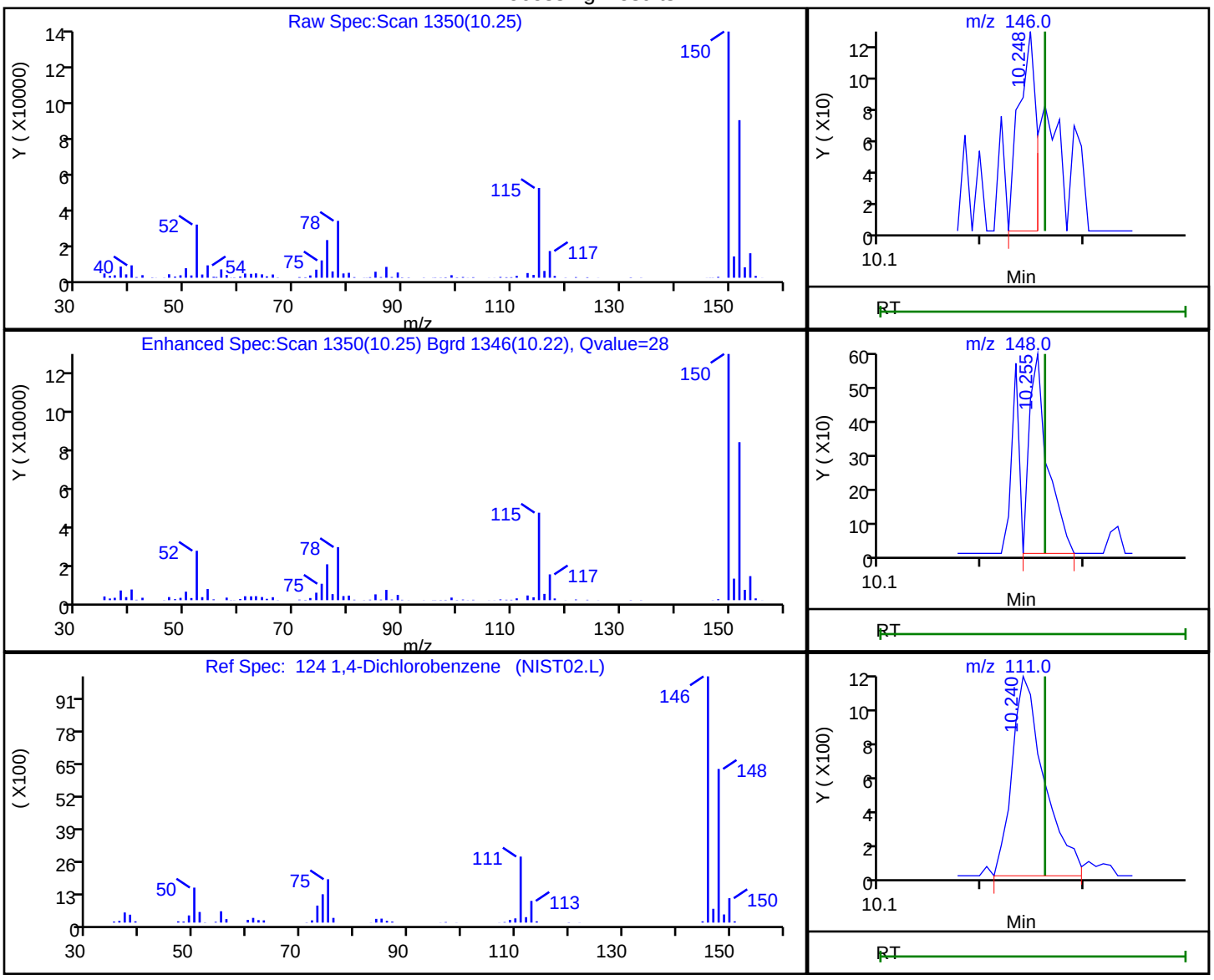
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.25	146.00	151	0.023872
10.25	148.00	748	
10.24	111.00	2557	

Reviewer: baronm, 09-Jul-2020 10:07:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

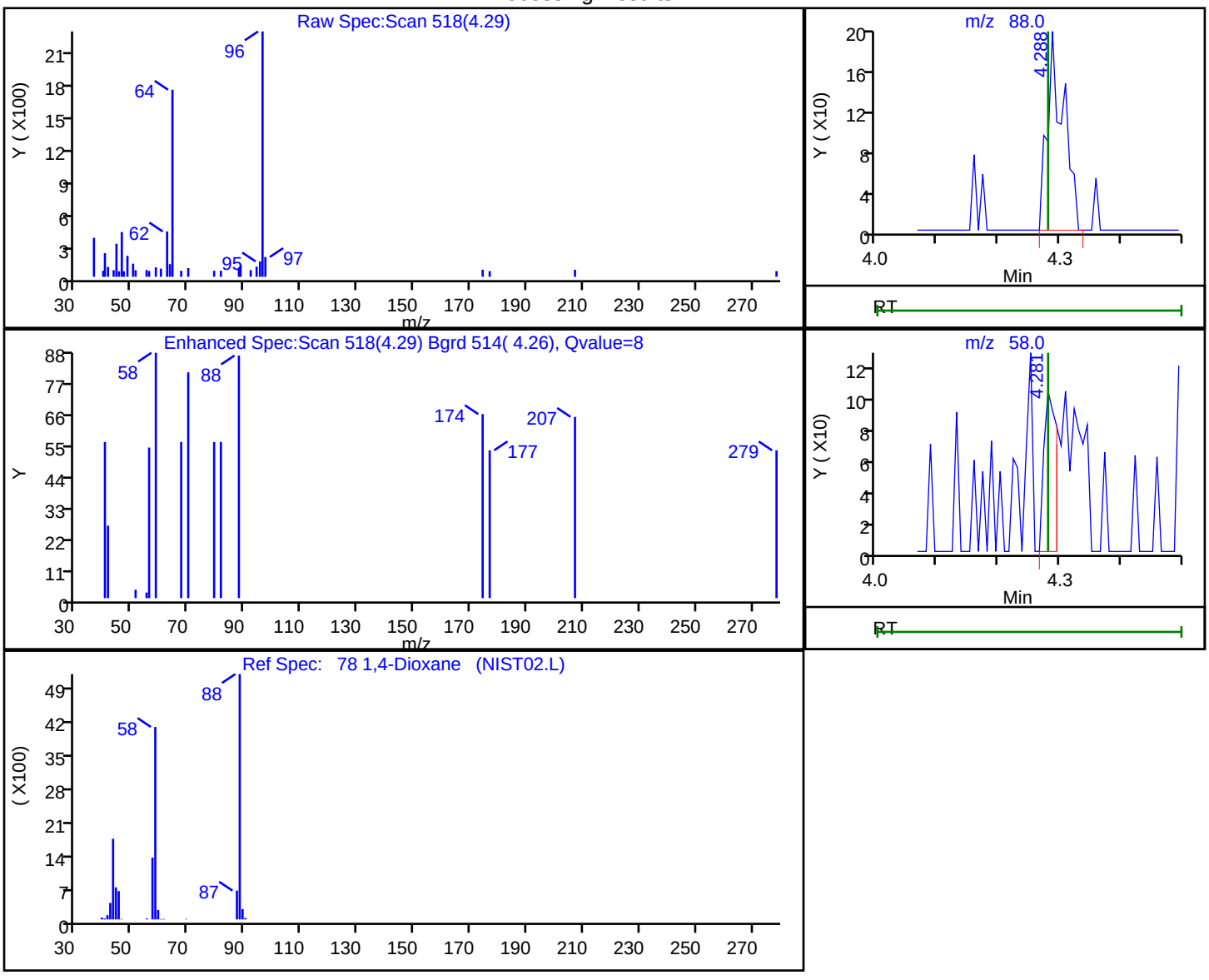
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
4.29	88.00	363	16.137432
4.28	58.00	142	

Reviewer: baronm, 09-Jul-2020 10:06:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

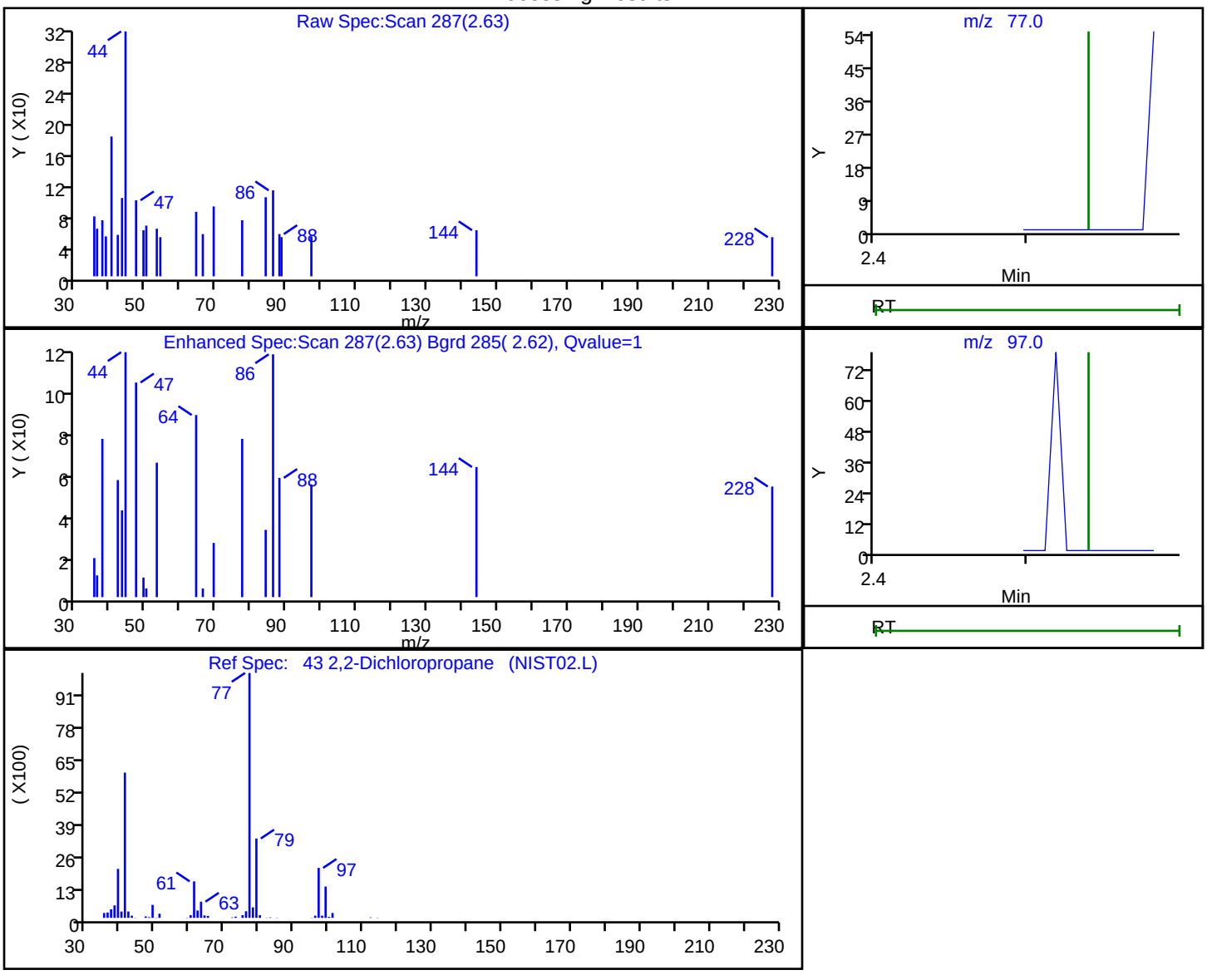
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.63	77.00	31	0.008774
2.63	97.00	44	

Reviewer: baronm, 09-Jul-2020 10:06:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

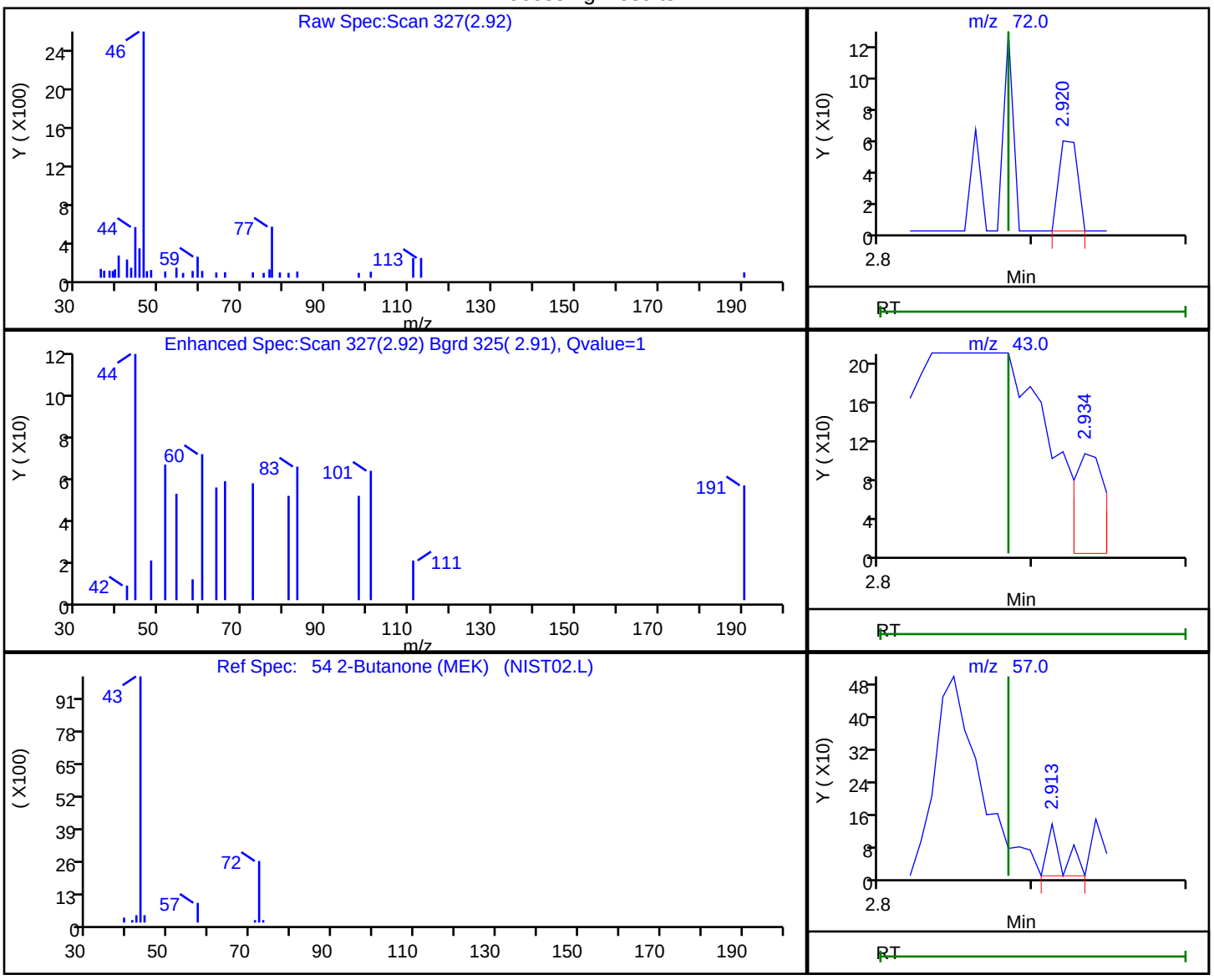
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.92	72.00	48	0.165772
2.93	43.00	143	
2.91	57.00	89	

Reviewer: baronm, 09-Jul-2020 10:06:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

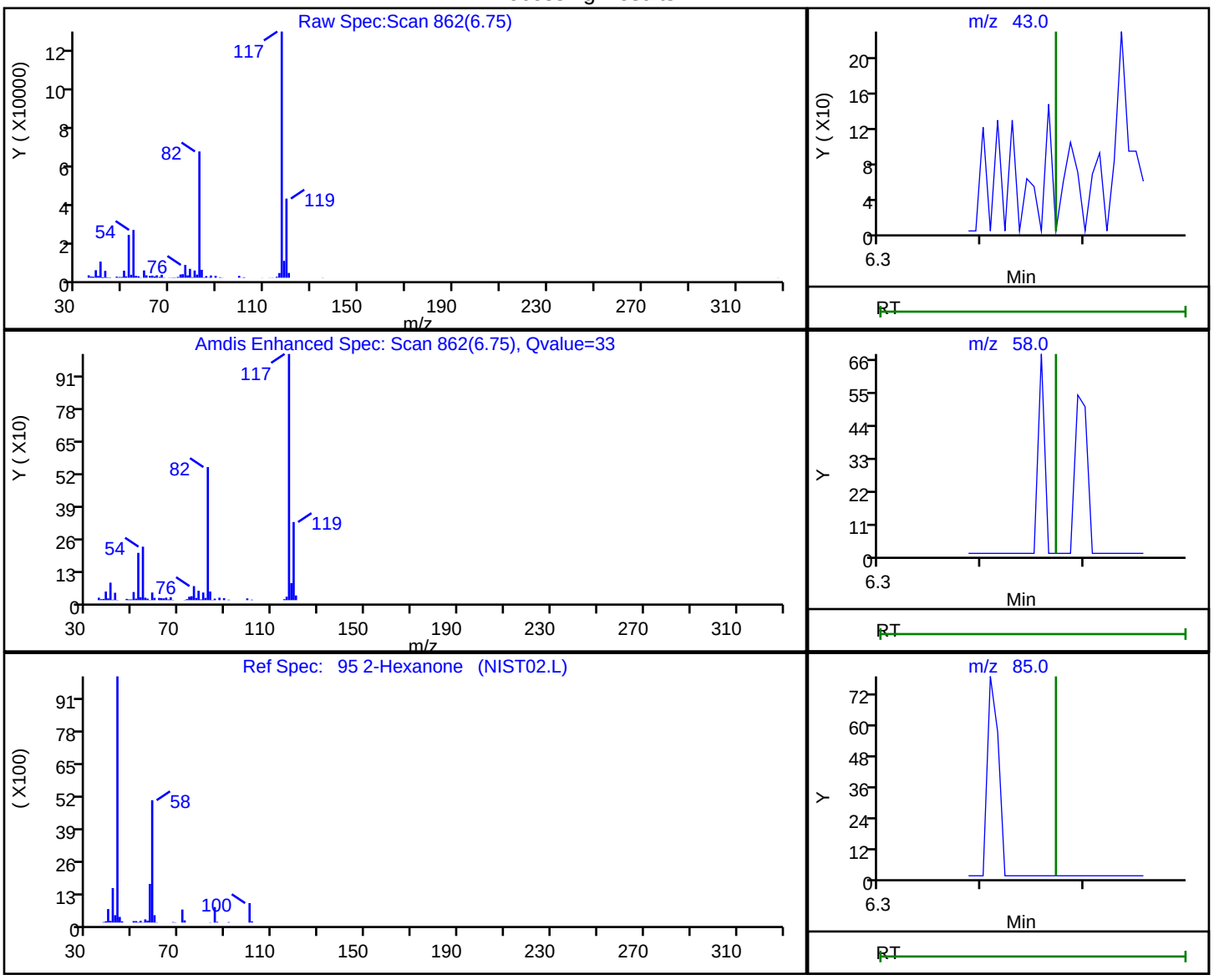
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.75	43.00	323	0.221760
6.74	58.00	11782	
6.74	85.00	2159	
6.76	100.00	52	

Reviewer: baronm, 09-Jul-2020 10:07:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

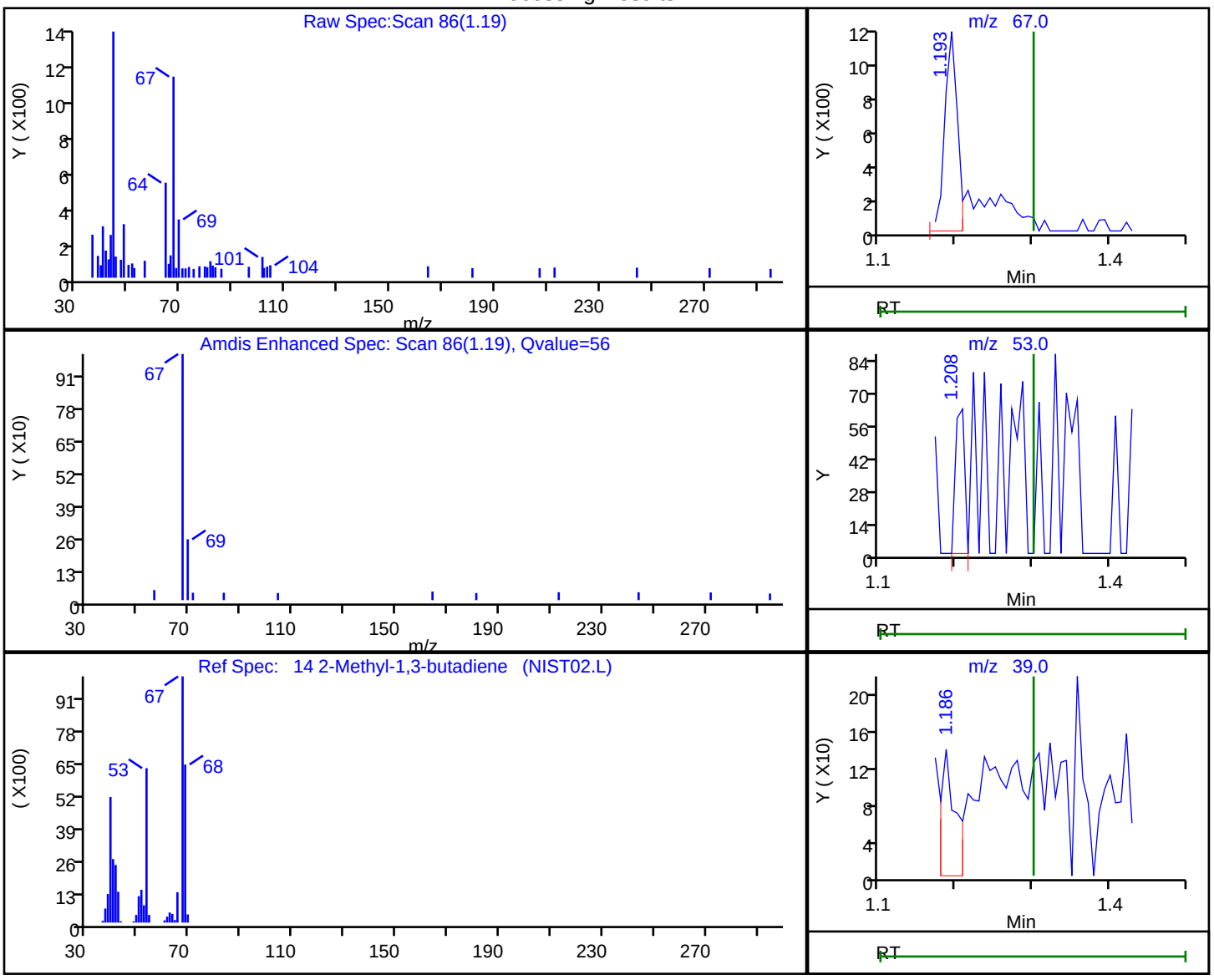
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.19	67.00	1314	0.251379
1.21	53.00	52	
1.19	39.00	179	

Reviewer: baronm, 09-Jul-2020 10:04:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

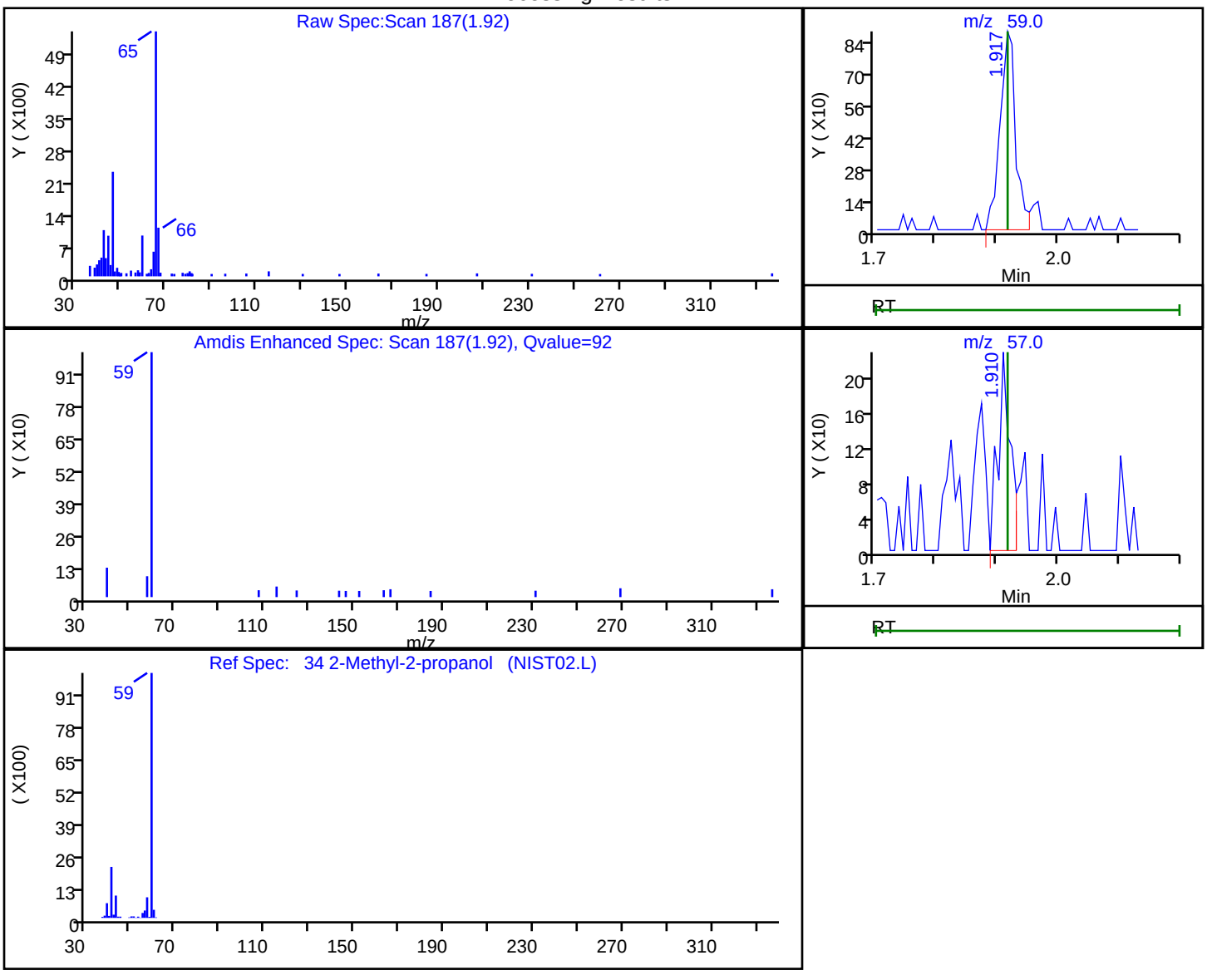
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
1.92	59.00	1580	1.458438
1.91	57.00	320	

Reviewer: baronm, 09-Jul-2020 10:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

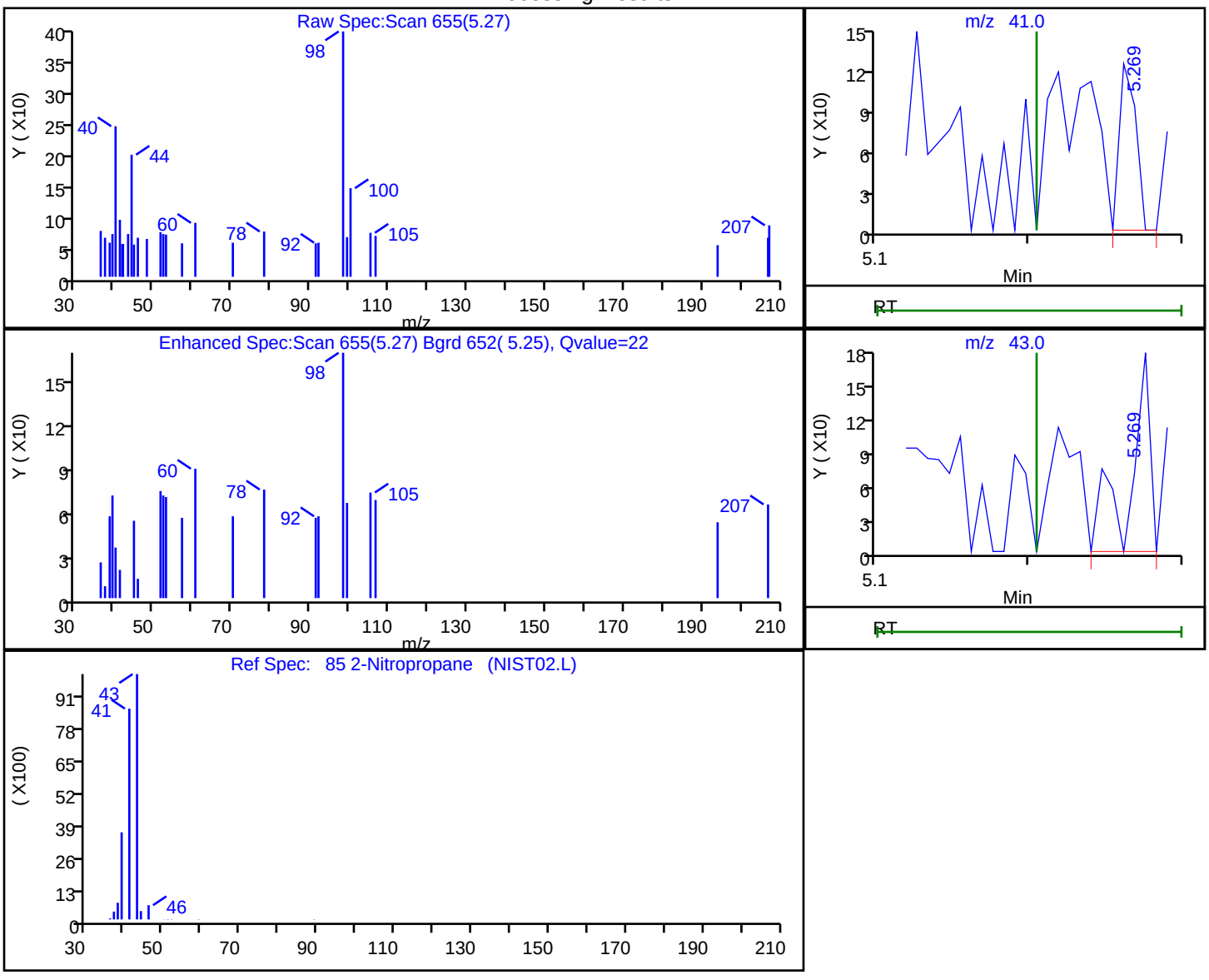
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.27	41.00	92	0.176710
5.27	43.00	158	

Reviewer: baronm, 09-Jul-2020 10:06:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

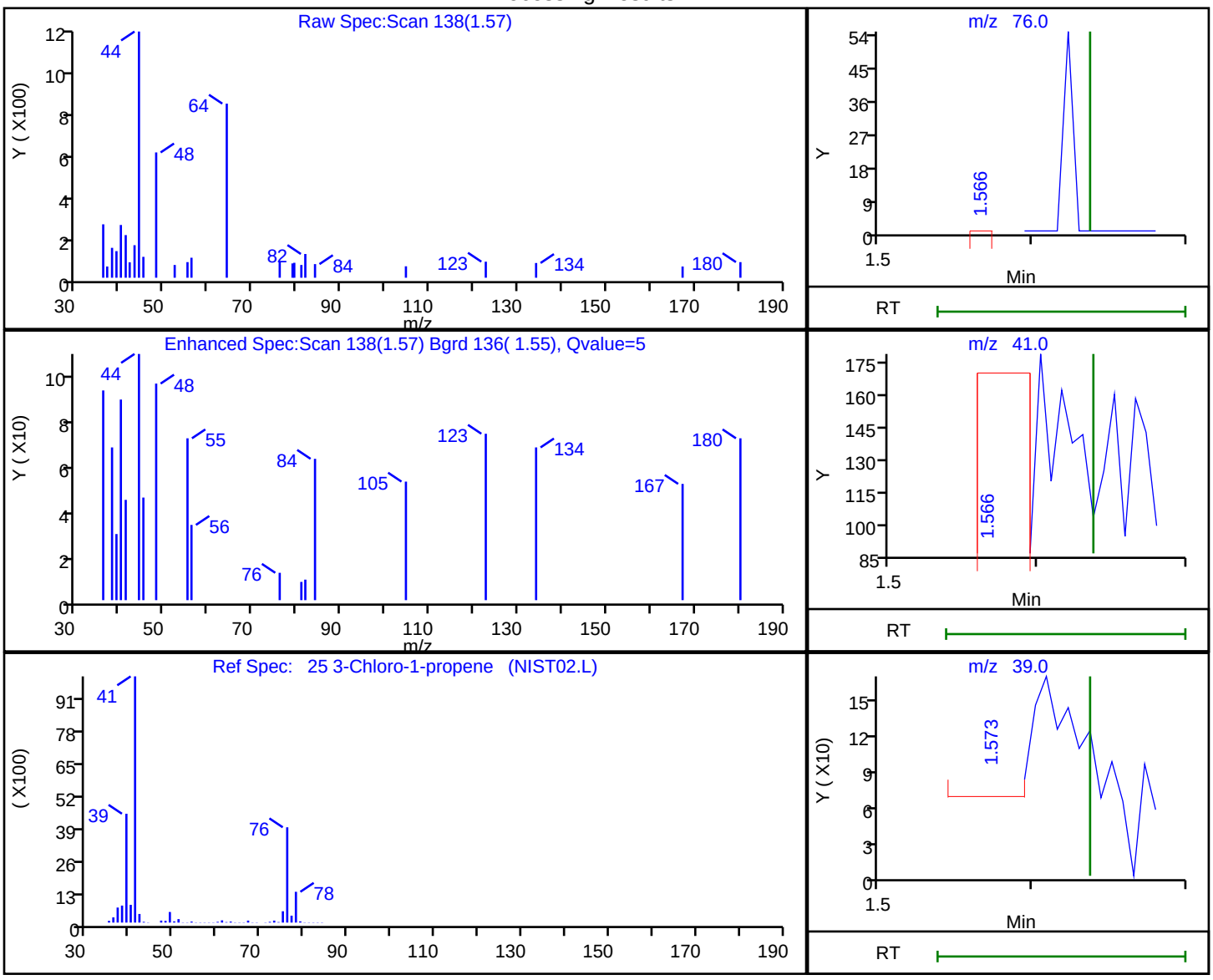
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.57	76.00	31	0.017328
1.57	41.00	341	
1.57	39.00	126	

Reviewer: baronm, 09-Jul-2020 10:04:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

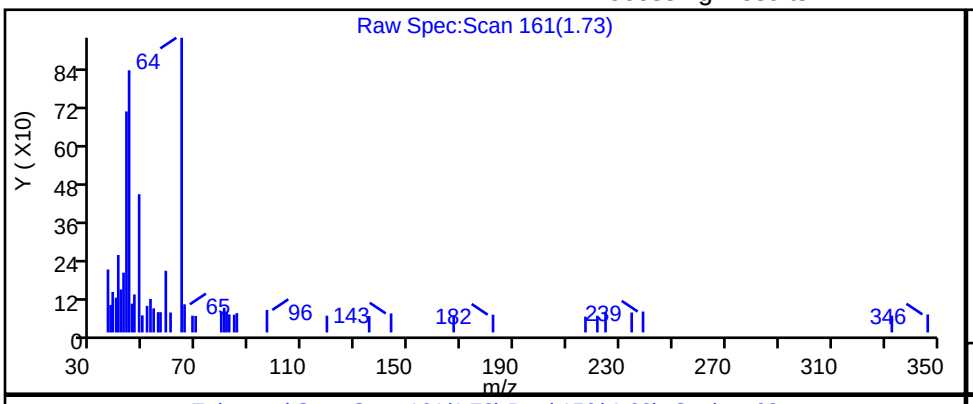
User Disabled Compound Report

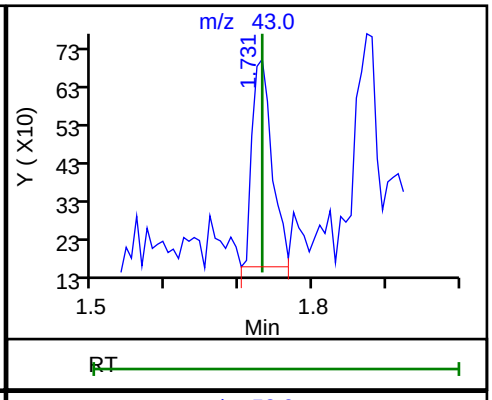
Eurofins TestAmerica, Edison

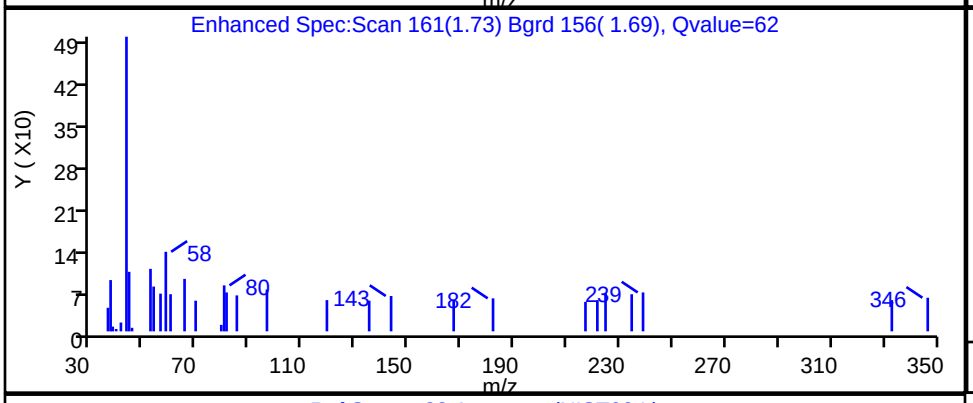
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

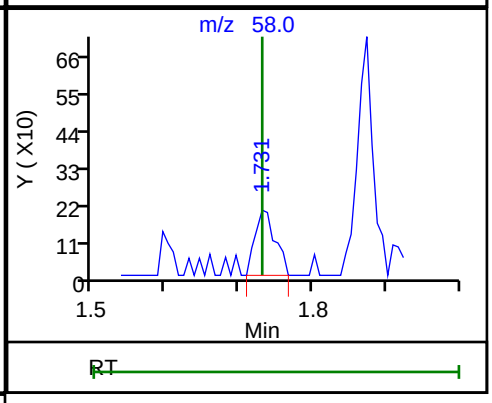
28 Acetone, CAS: 67-64-1

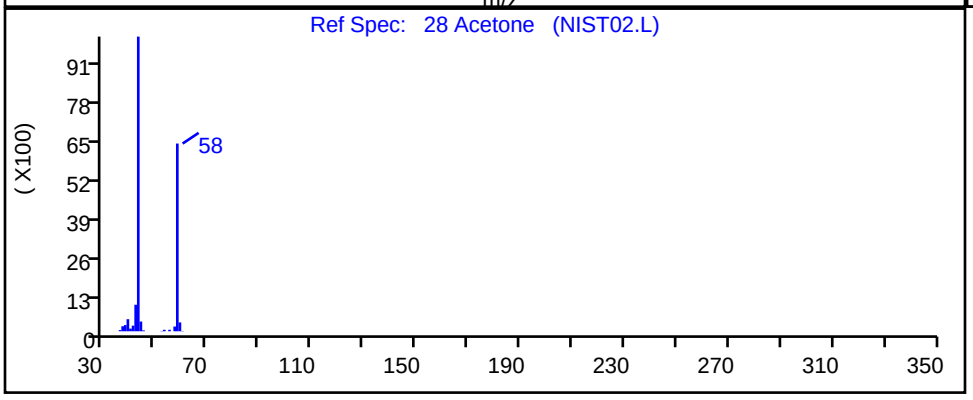
Processing Results











RT	Mass	Response	Amount
1.73	43.00	1043	1.047880
1.73	58.00	376	

Reviewer: baronm, 09-Jul-2020 10:04:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

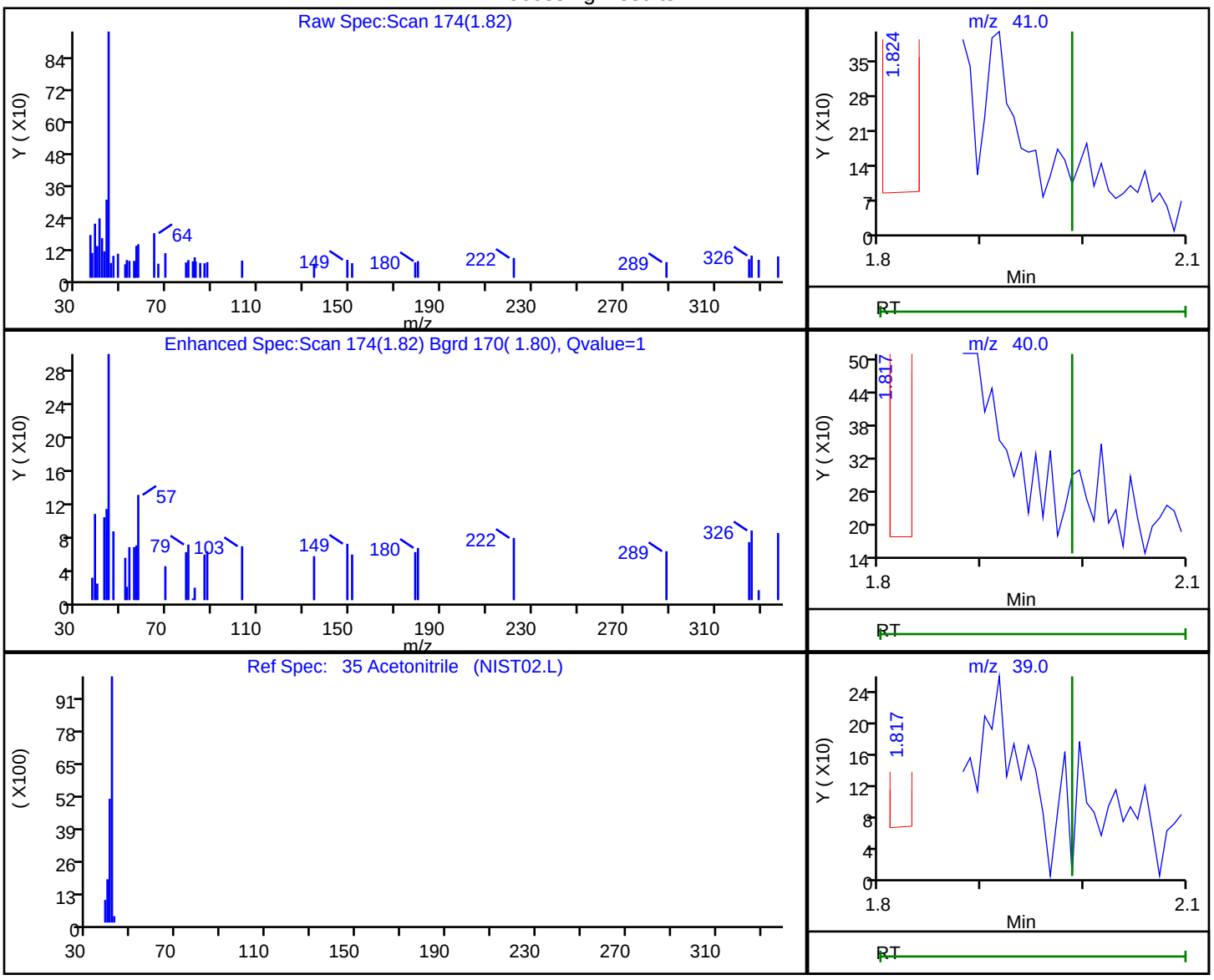
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.82	41.00	81	0.253722
1.82	40.00	163	
1.82	39.00	89	
1.82	38.00	64	

Reviewer: baronm, 09-Jul-2020 10:05:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

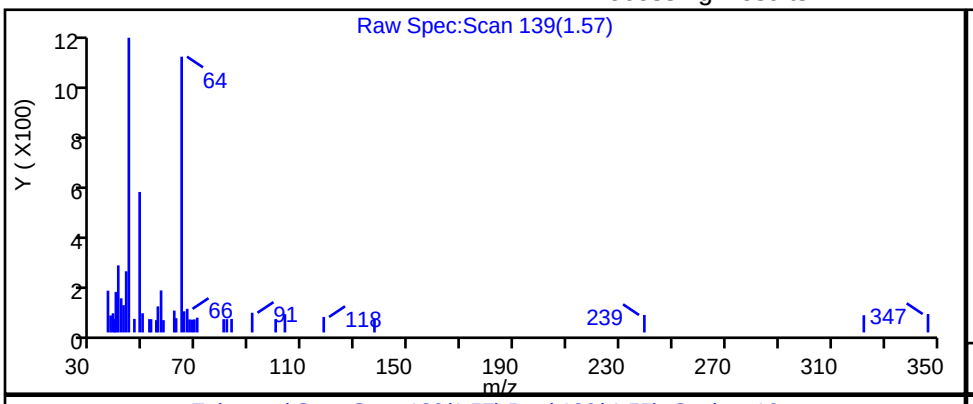
User Disabled Compound Report

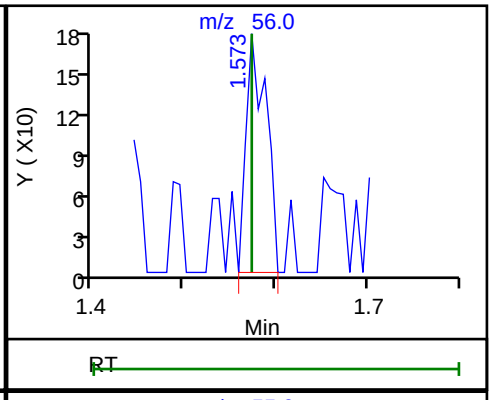
Eurofins TestAmerica, Edison

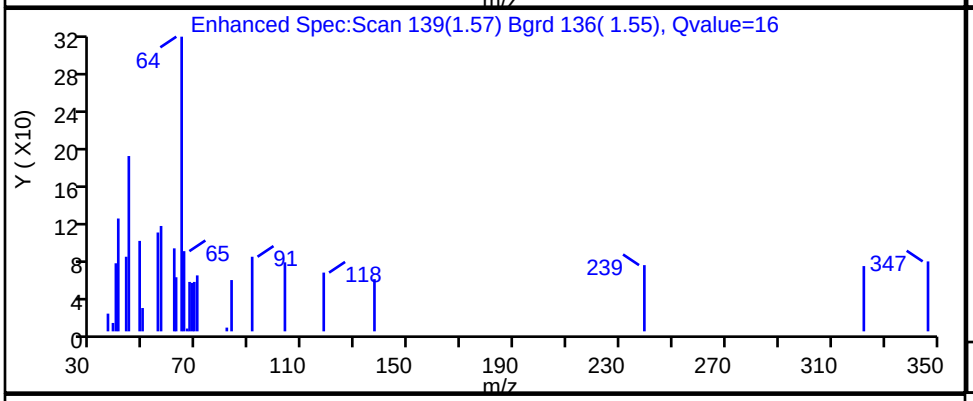
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

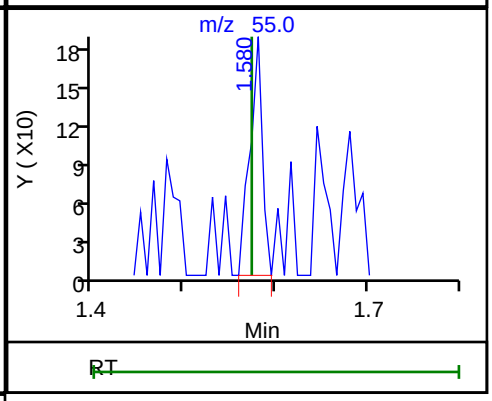
24 Acrolein, CAS: 107-02-8

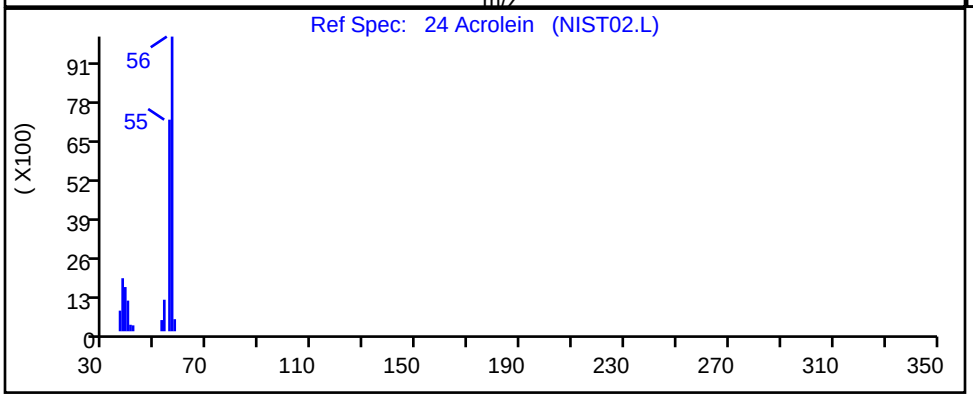
Processing Results











RT	Mass	Response	Amount
1.57	56.00	260	0.840547
1.58	55.00	180	

Reviewer: baronm, 09-Jul-2020 10:04:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

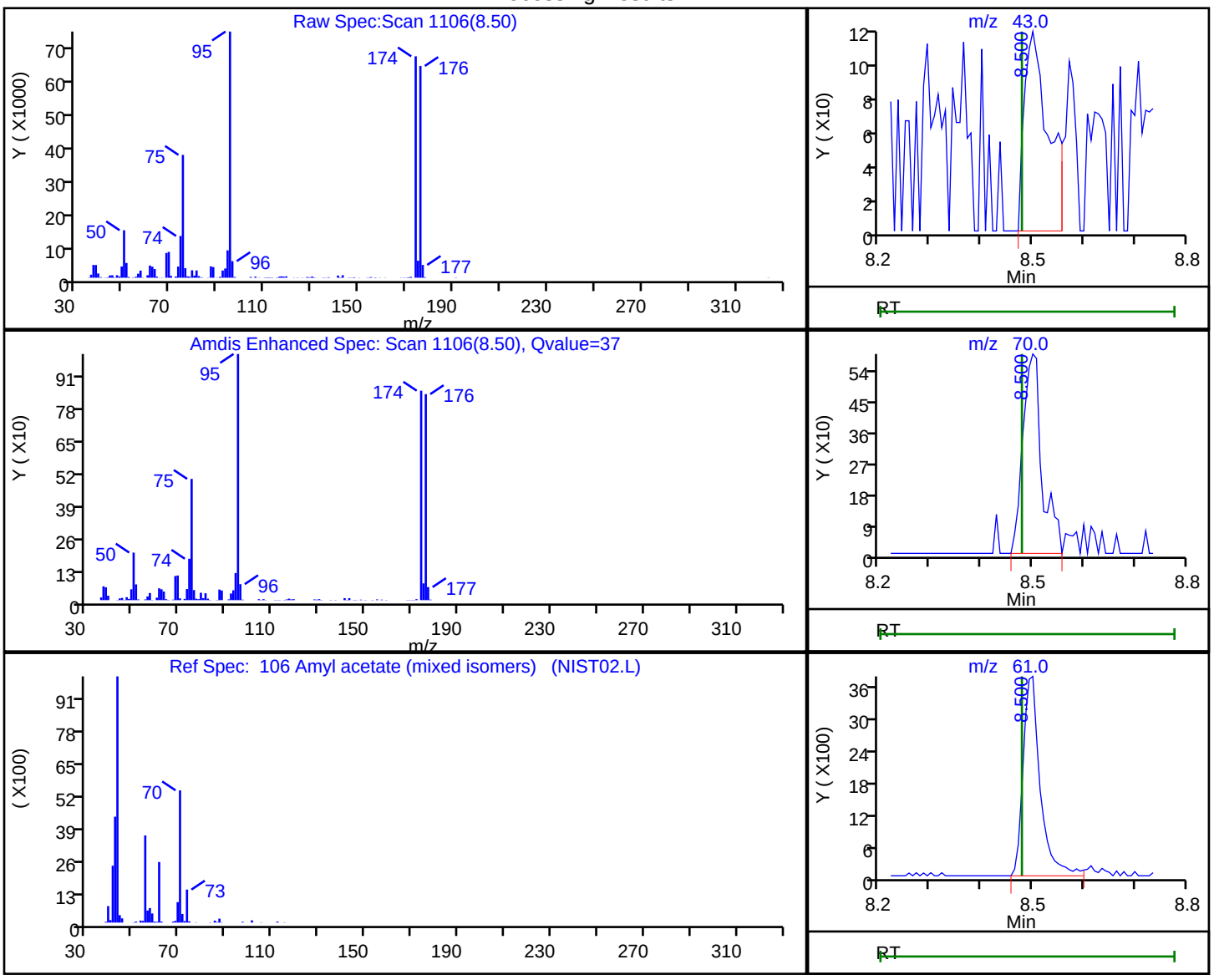
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.50	43.00	373	0.096977
8.50	70.00	1524	
8.50	61.00	8722	

Reviewer: baronm, 09-Jul-2020 10:07:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

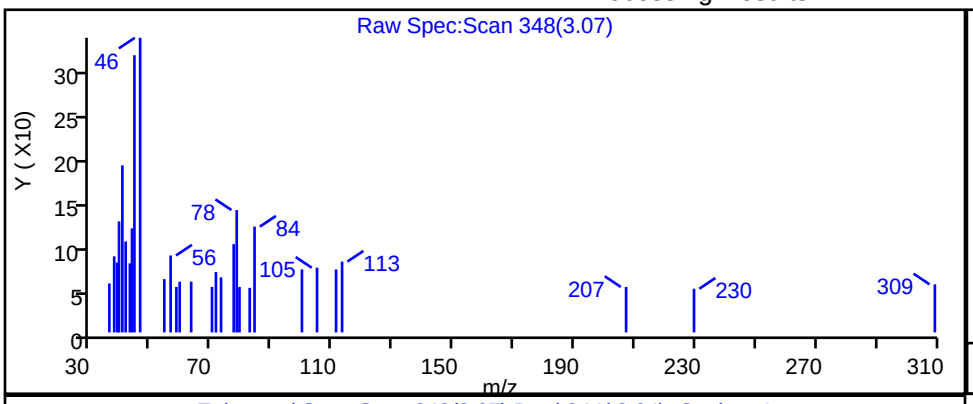
User Disabled Compound Report

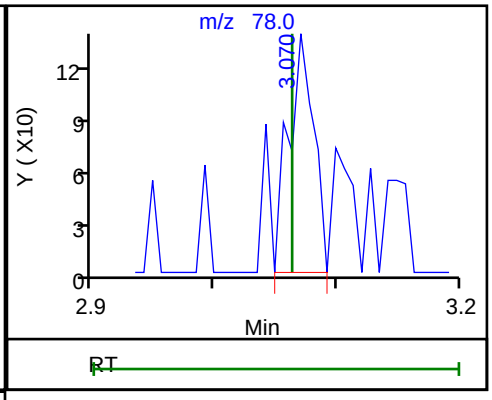
Eurofins TestAmerica, Edison

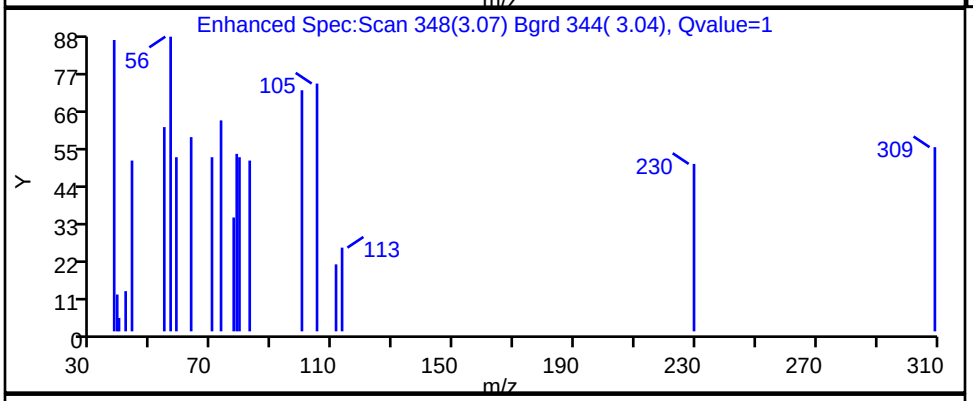
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

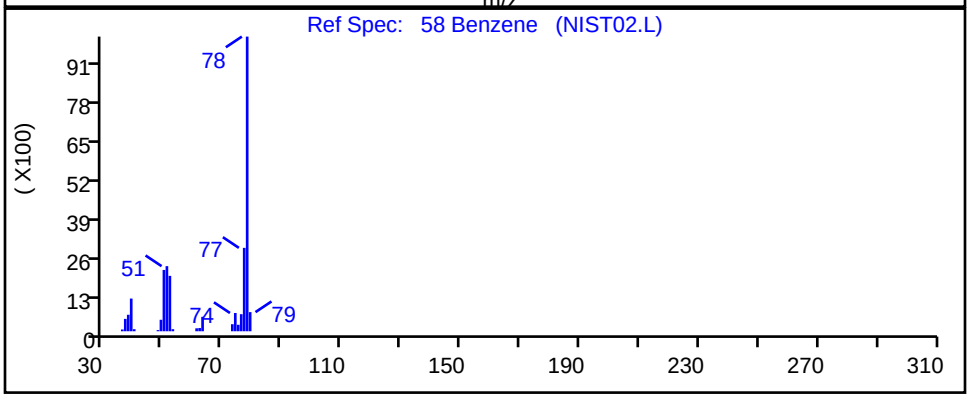
58 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.07	78.00	202	0.016919

Reviewer: baronm, 09-Jul-2020 10:06:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

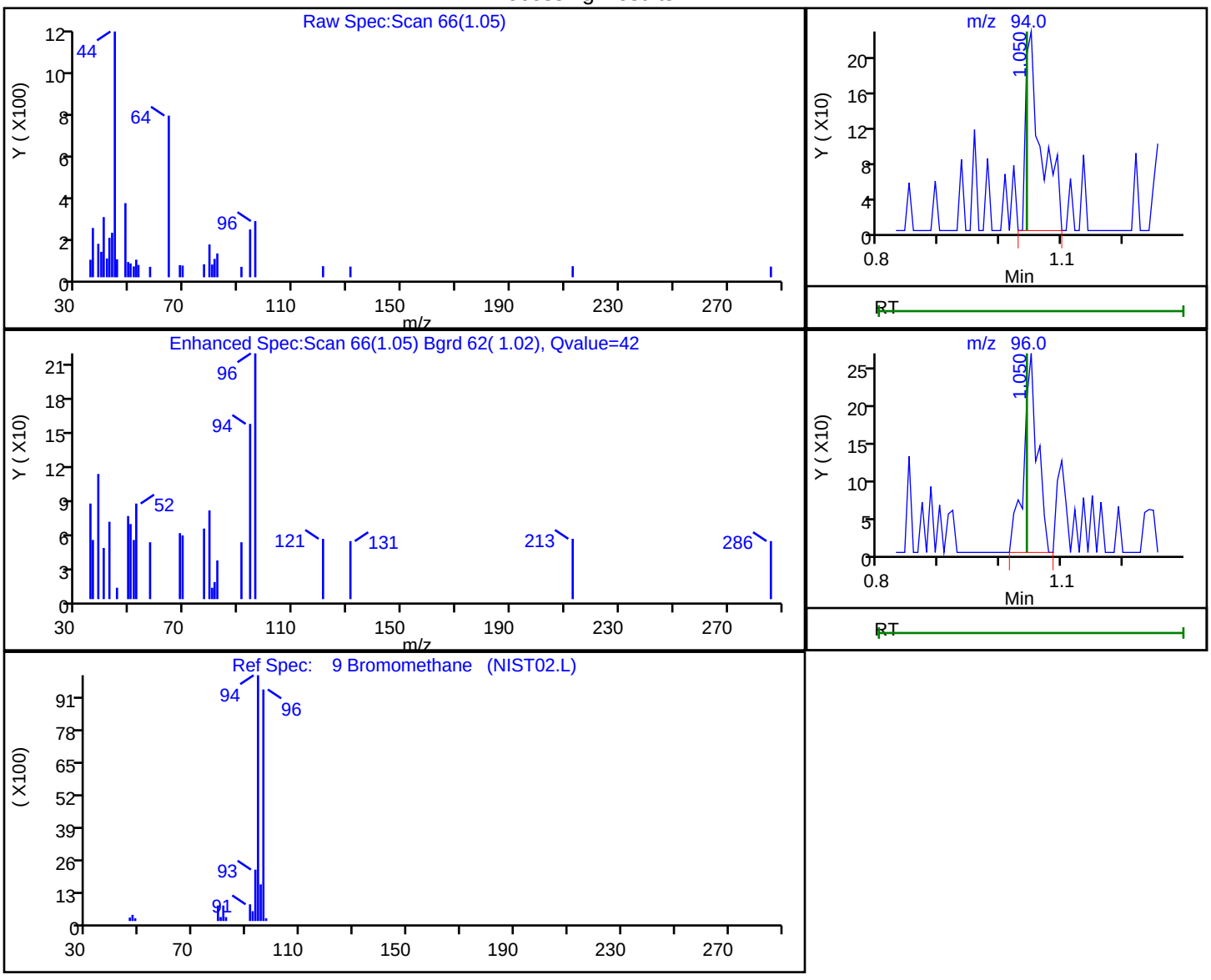
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.05	94.00	405	0.265832
1.05	96.00	420	

Reviewer: baronm, 09-Jul-2020 10:03:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

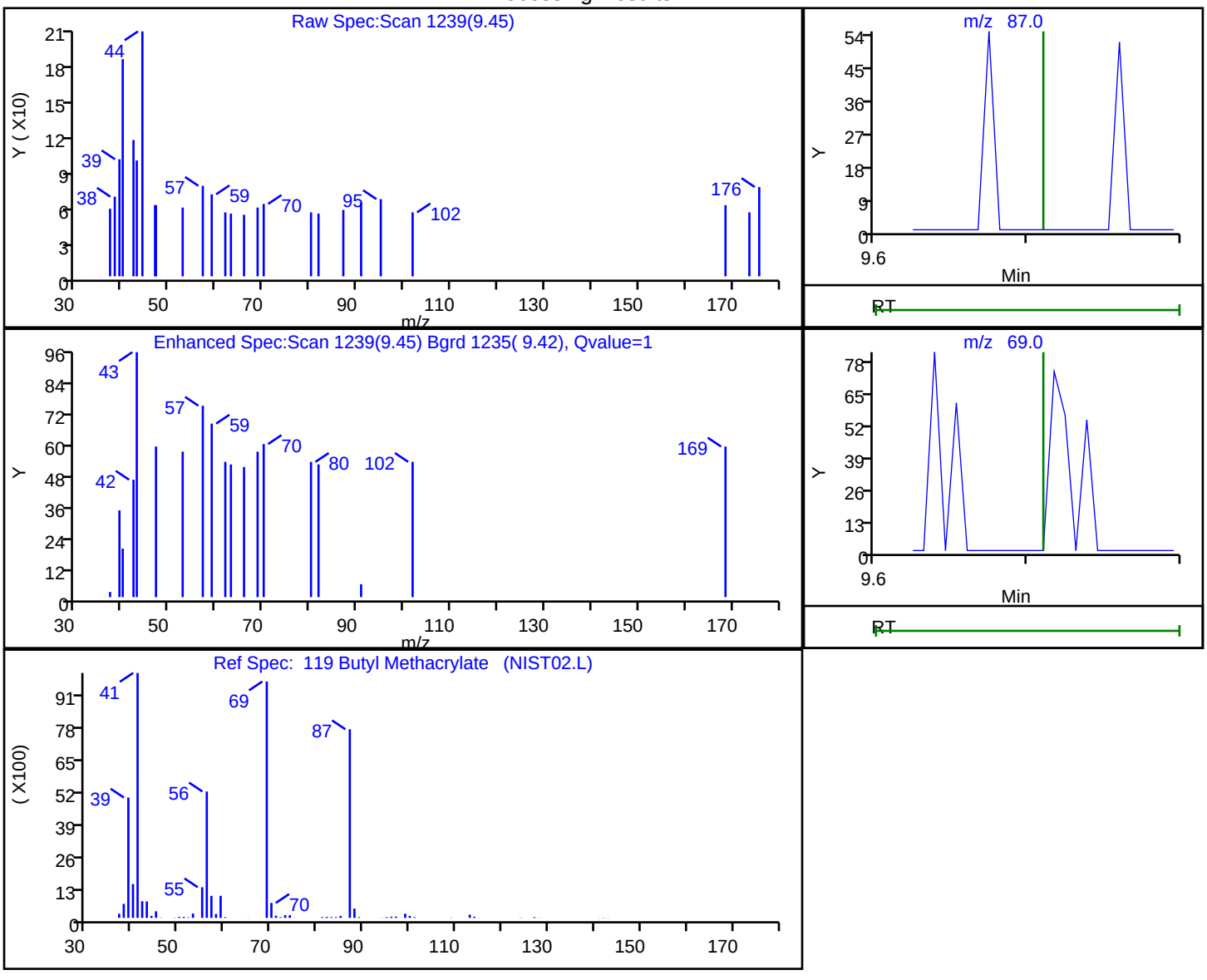
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
9.45	87.00	46	0.012767
9.45	69.00	49	

Reviewer: baronm, 09-Jul-2020 10:07:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

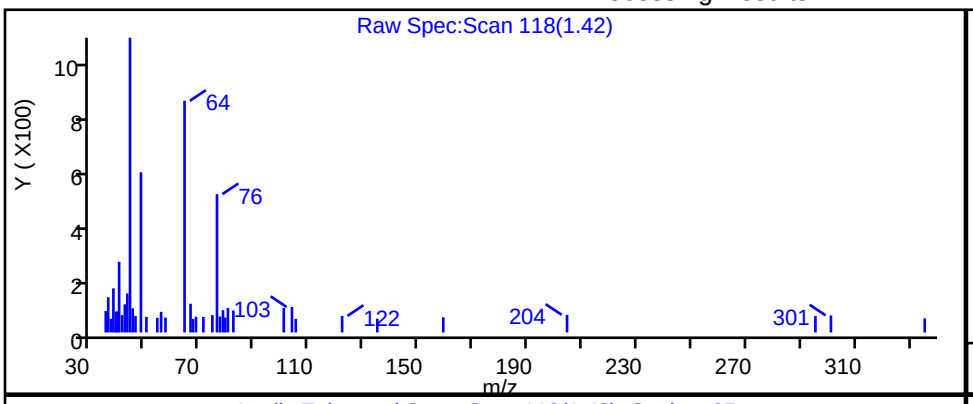
User Disabled Compound Report

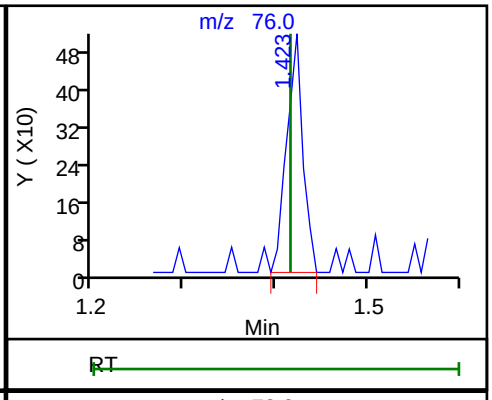
Eurofins TestAmerica, Edison

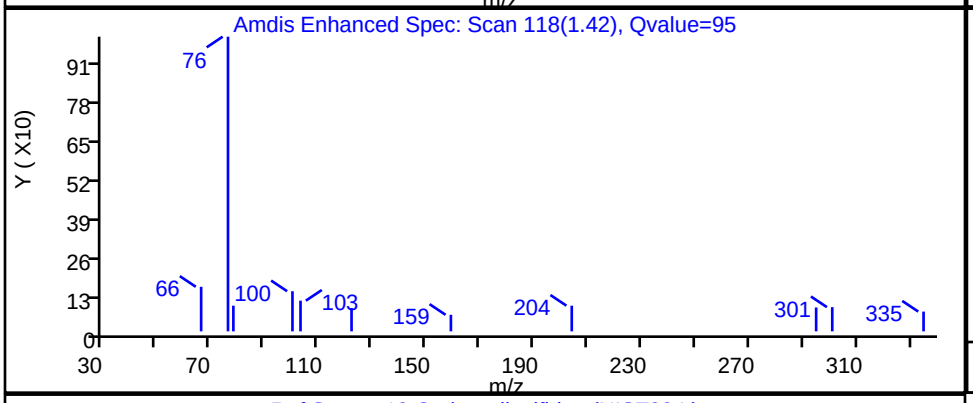
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

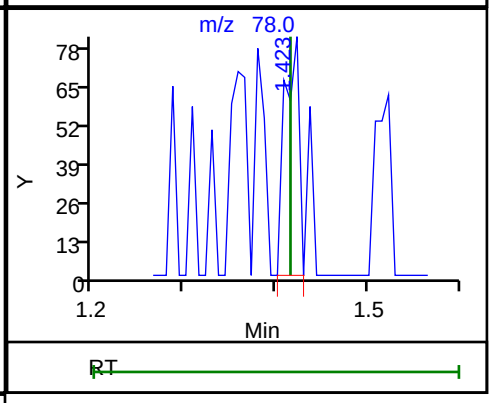
19 Carbon disulfide, CAS: 75-15-0

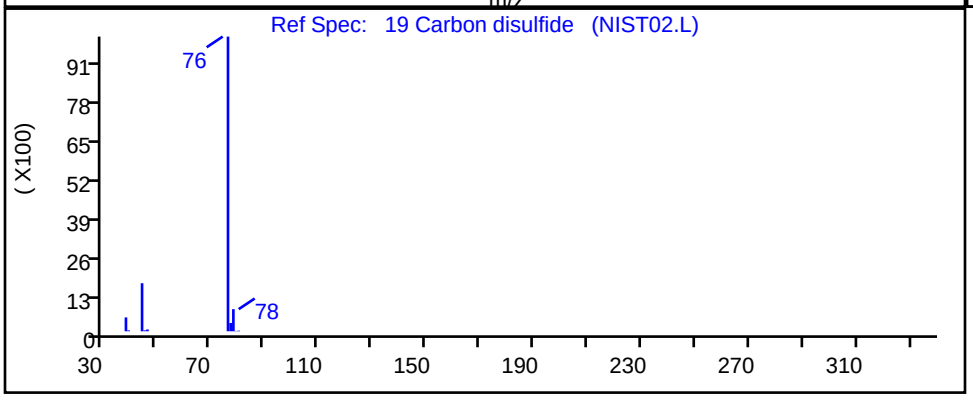
Processing Results











RT	Mass	Response	Amount
1.42	76.00	630	0.058744
1.42	78.00	90	

Reviewer: baronm, 09-Jul-2020 10:04:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

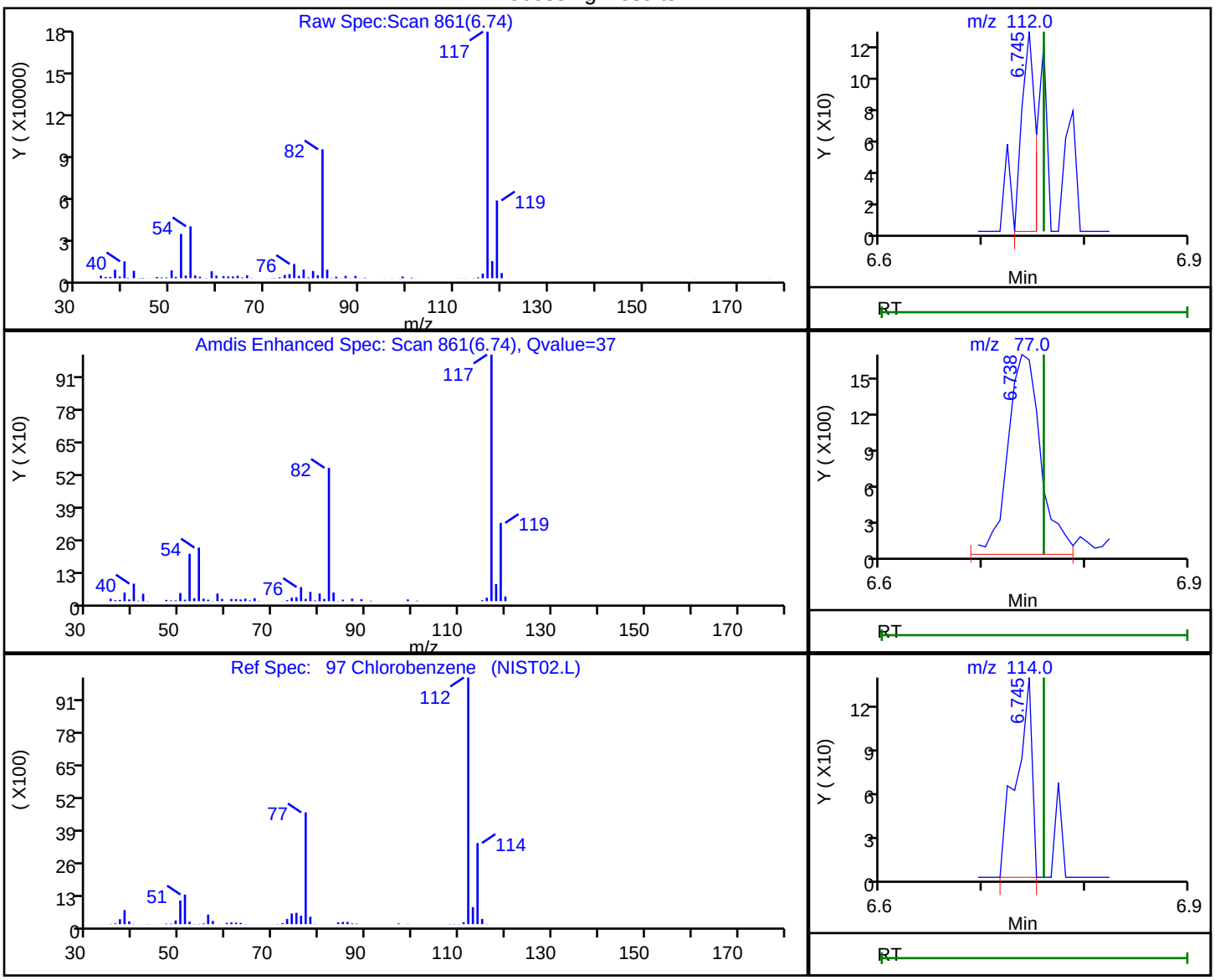
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
6.74	112.00	114	0.015165
6.74	77.00	3679	
6.74	114.00	140	

Reviewer: baronm, 09-Jul-2020 10:07:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

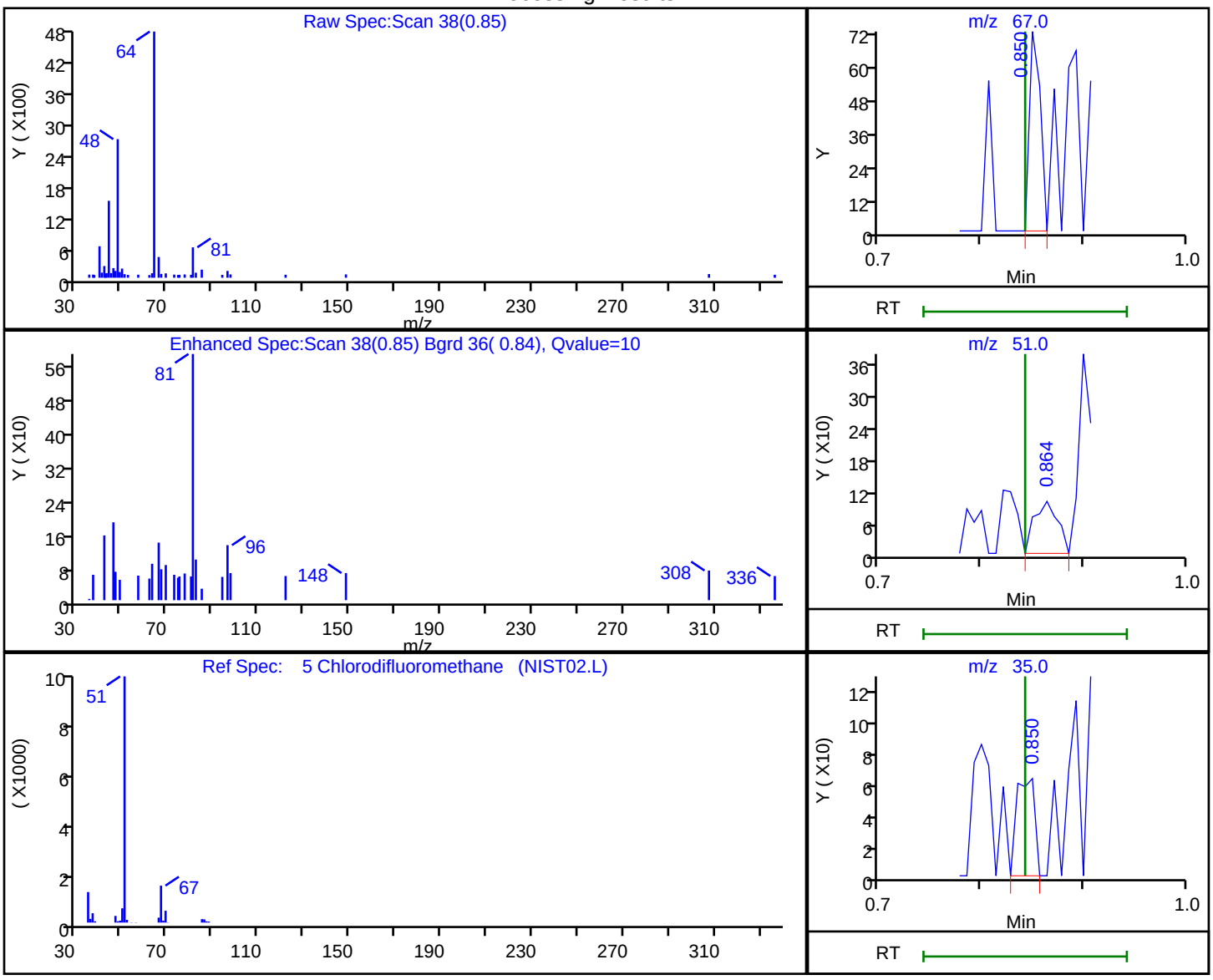
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.85	67.00	54	0.126913
0.86	51.00	155	
0.85	35.00	74	

Reviewer: baronm, 09-Jul-2020 10:03:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

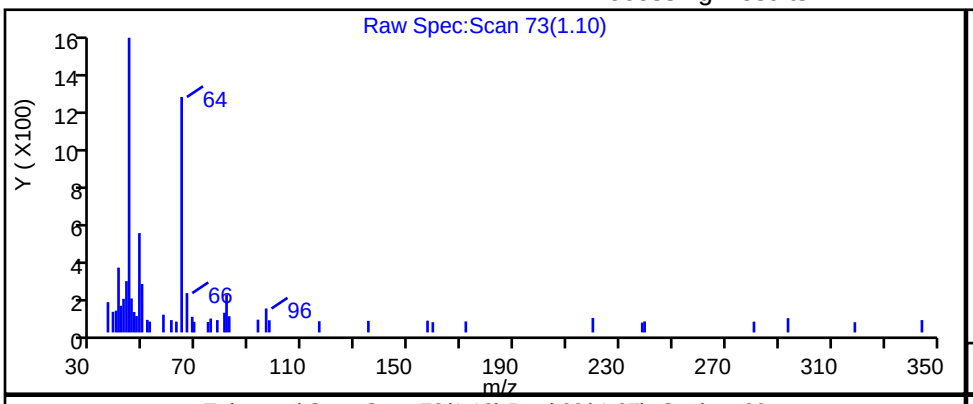
User Disabled Compound Report

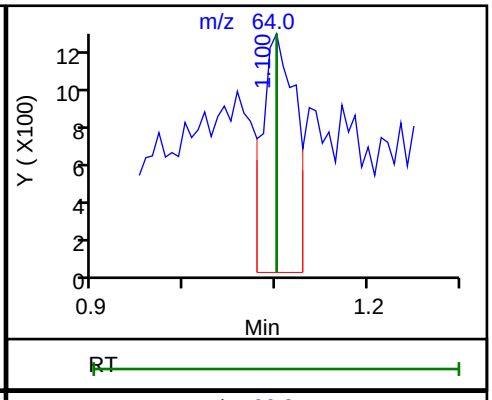
Eurofins TestAmerica, Edison

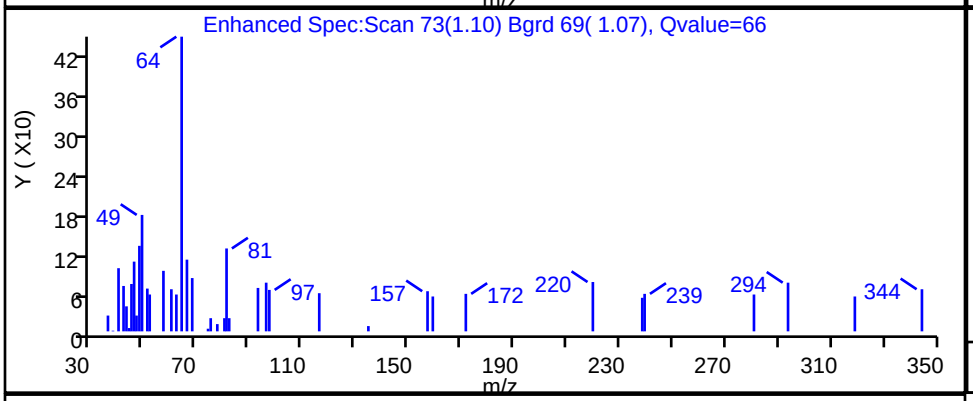
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

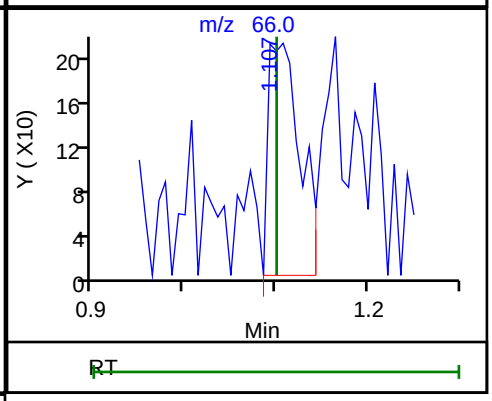
10 Chloroethane, CAS: 75-00-3

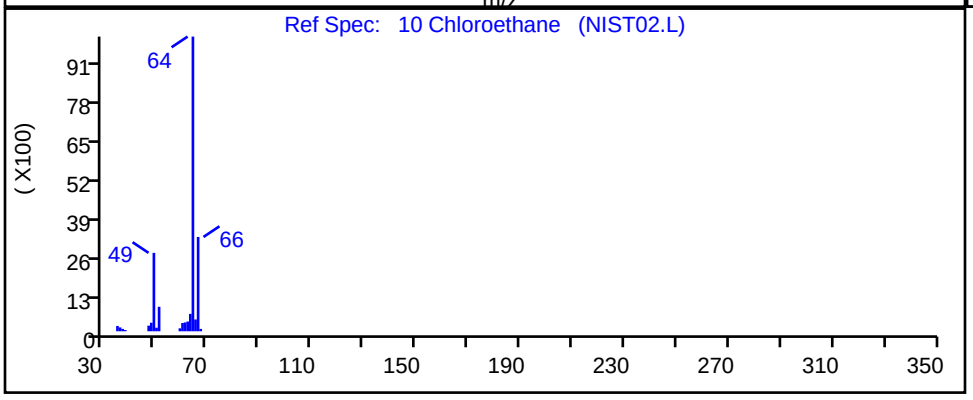
Processing Results











RT	Mass	Response	Amount
1.10	64.00	3162	0.816683
1.11	66.00	515	

Reviewer: baronm, 09-Jul-2020 10:04:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

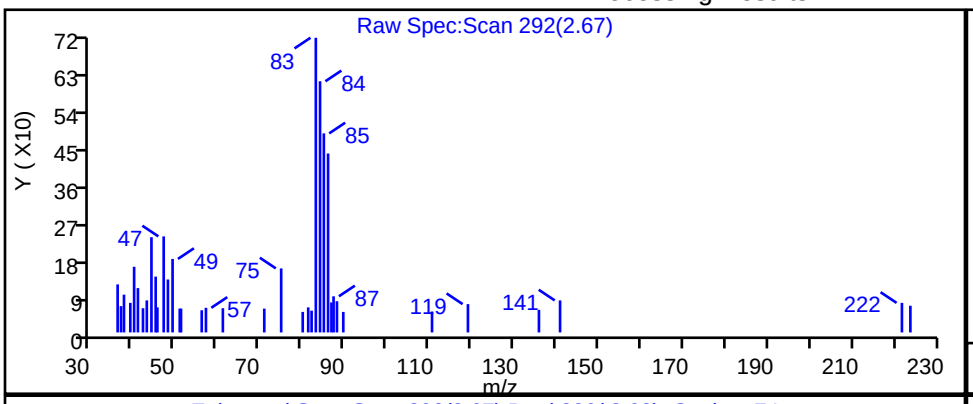
User Disabled Compound Report

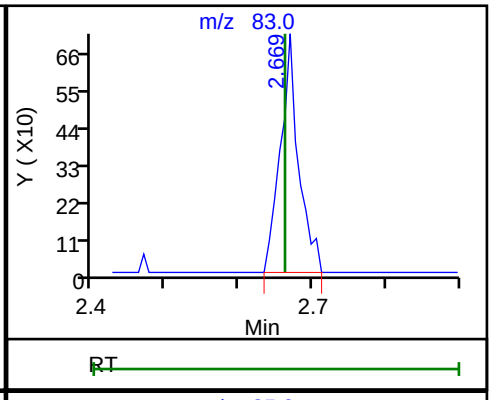
Eurofins TestAmerica, Edison

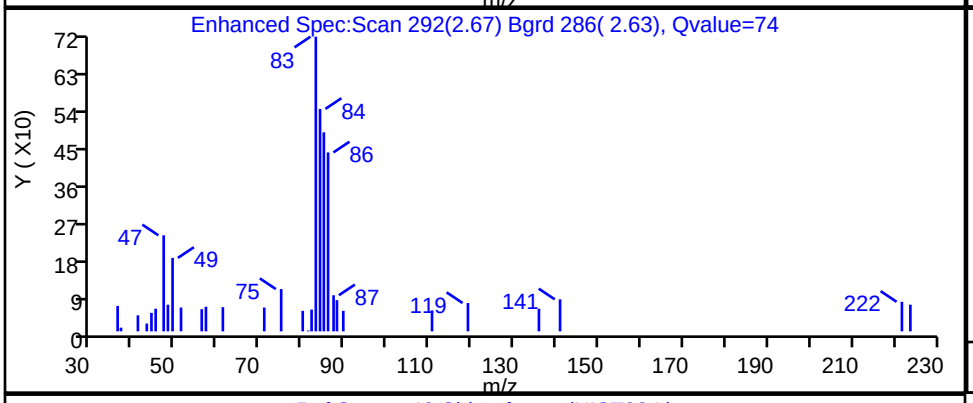
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

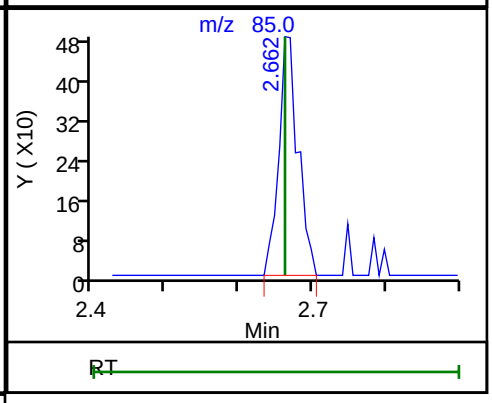
46 Chloroform, CAS: 67-66-3

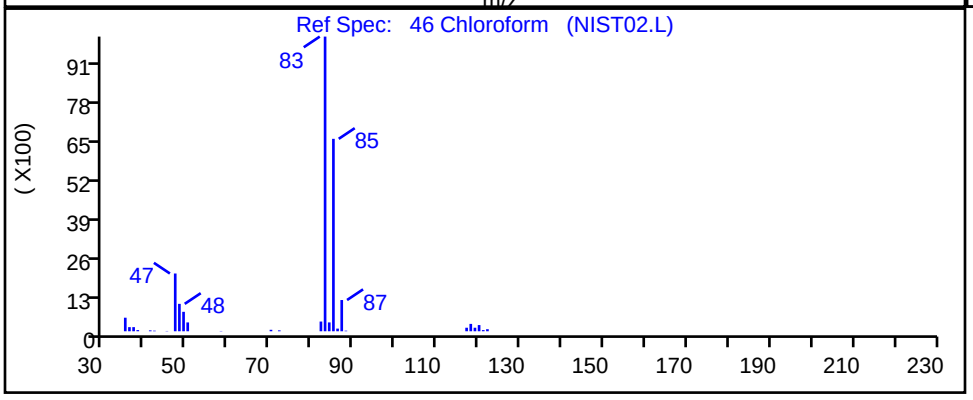
Processing Results











RT	Mass	Response	Amount
2.67	83.00	1244	0.249400
2.66	85.00	891	

Reviewer: baronm, 09-Jul-2020 10:06:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

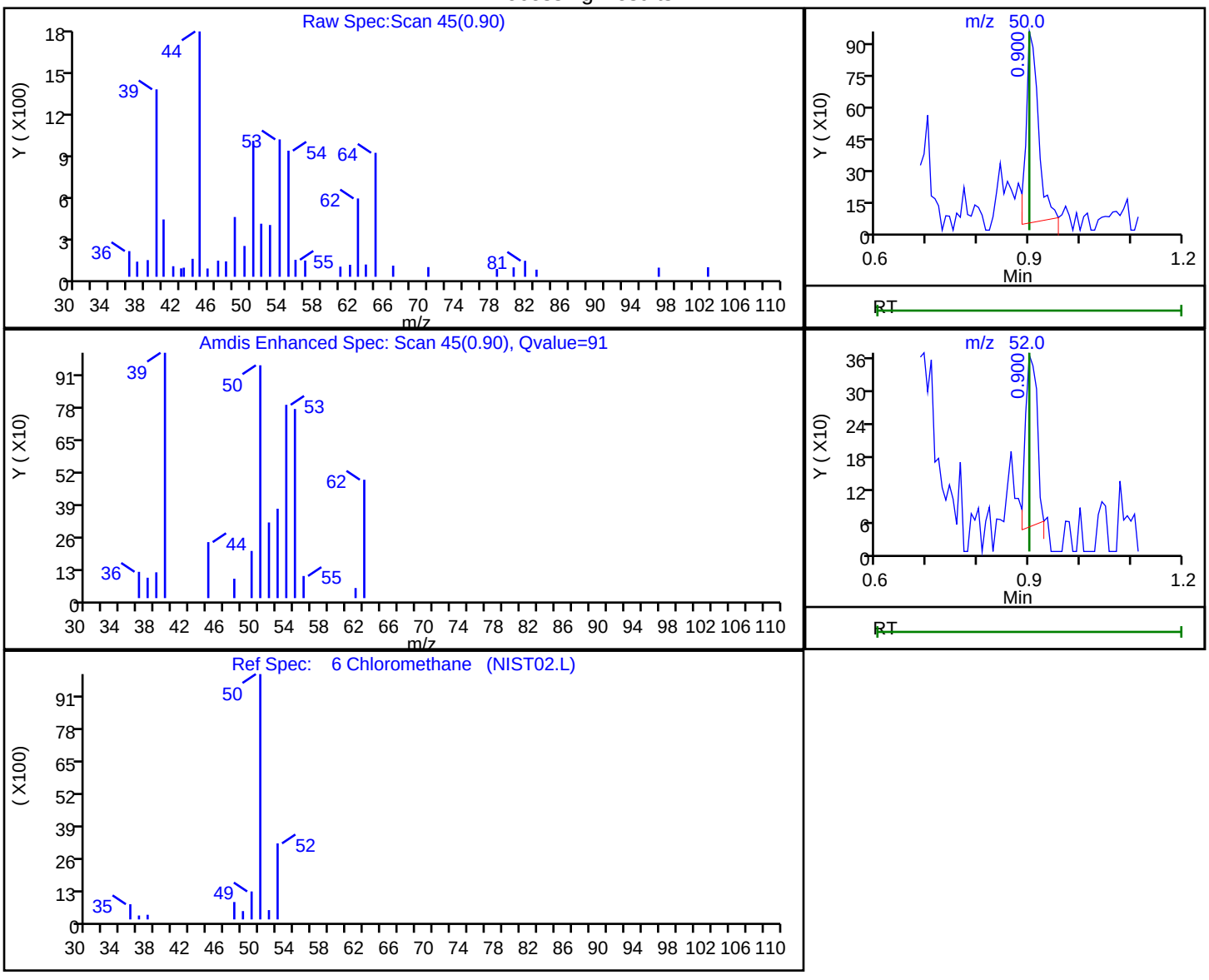
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.90	50.00	1523	0.284805
0.90	52.00	497	

Reviewer: baronm, 09-Jul-2020 10:03:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

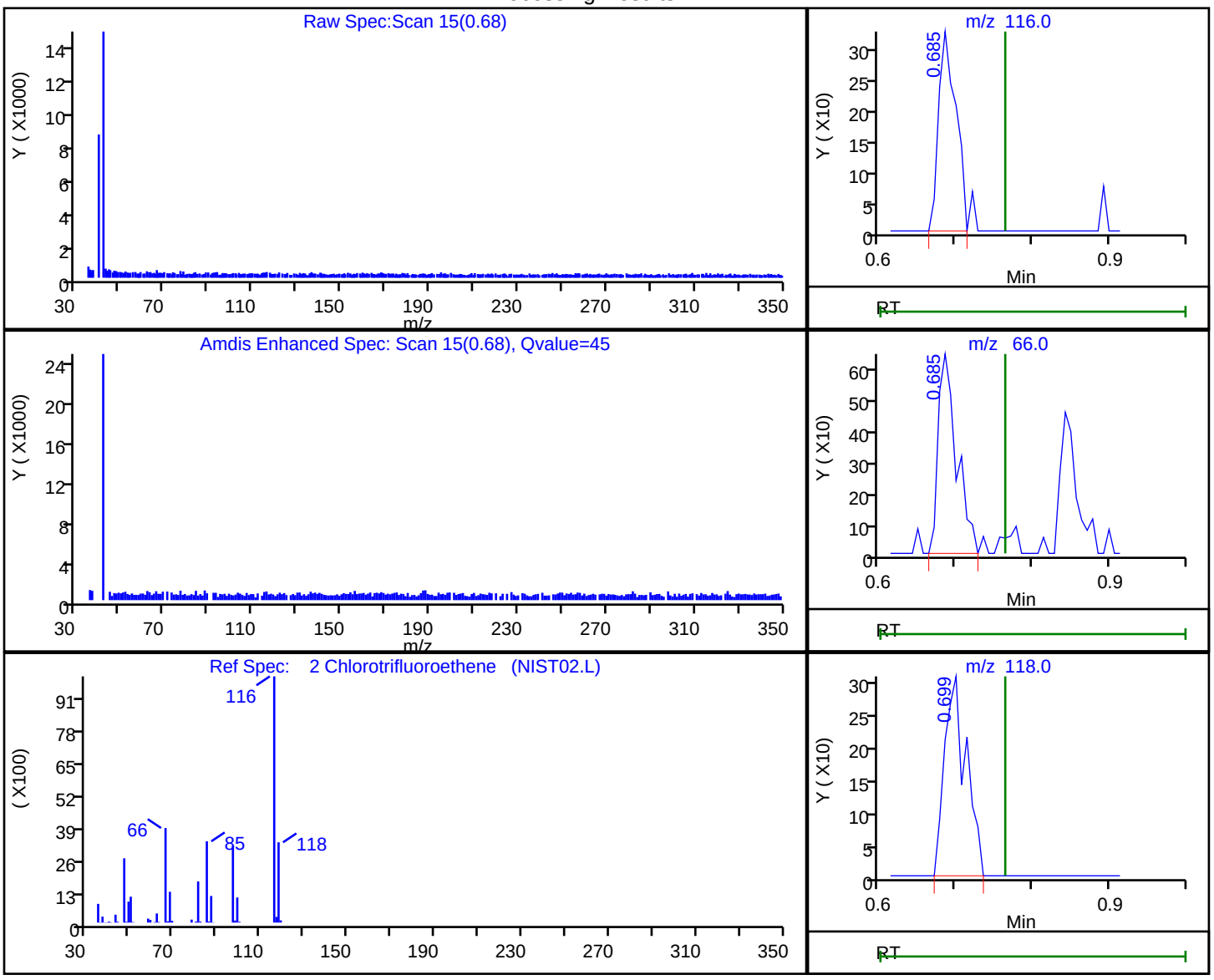
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.68	116.00	522	0.651684
0.68	66.00	1091	
0.70	118.00	609	

Reviewer: baronm, 09-Jul-2020 10:03:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

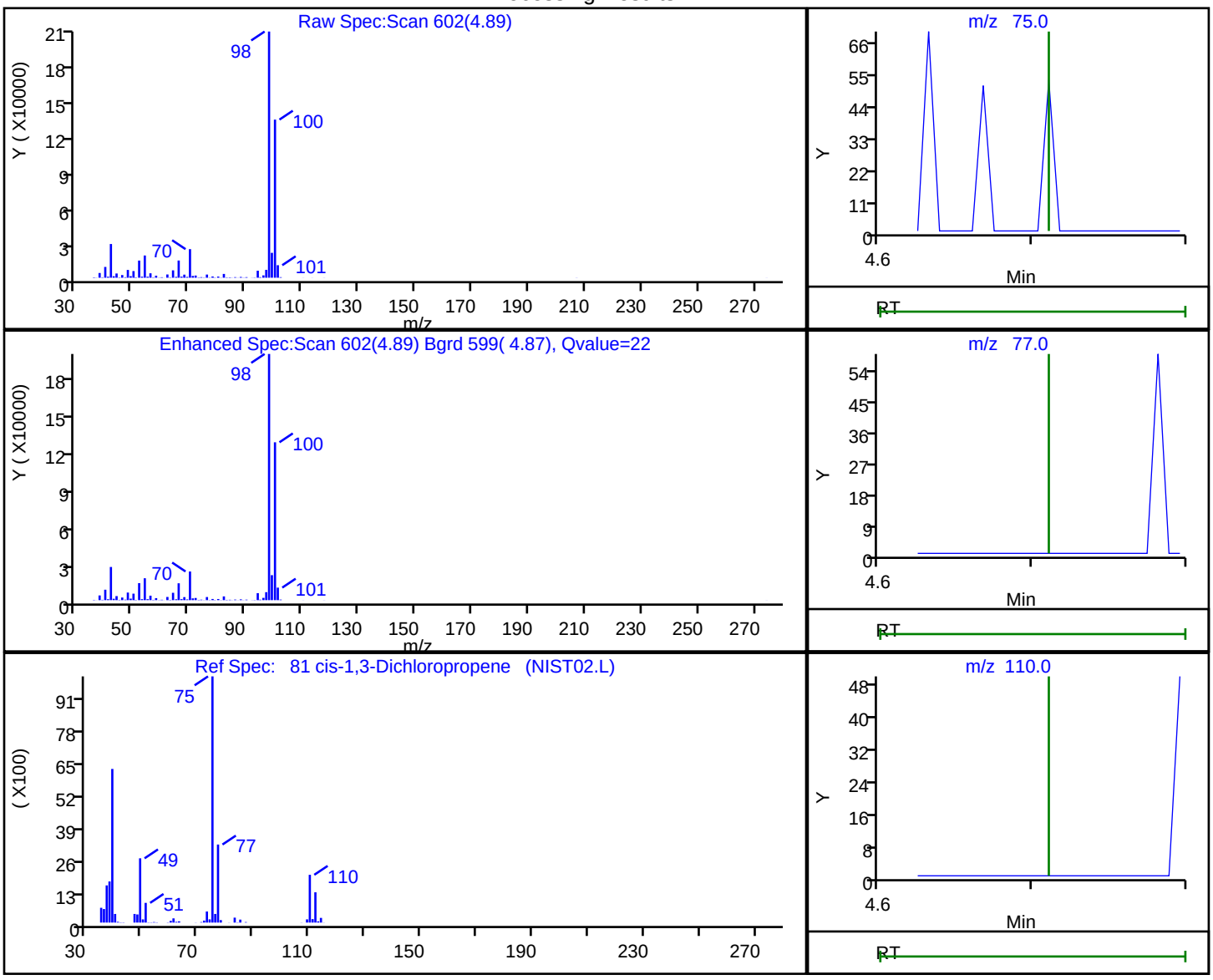
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D		
Injection Date:	09-Jul-2020 04:40:30	Instrument ID:	CVOAMS13
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
4.89	75.00	180	0.038732
4.90	77.00	437	
4.90	110.00	108	

Reviewer: baronm, 09-Jul-2020 10:06:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

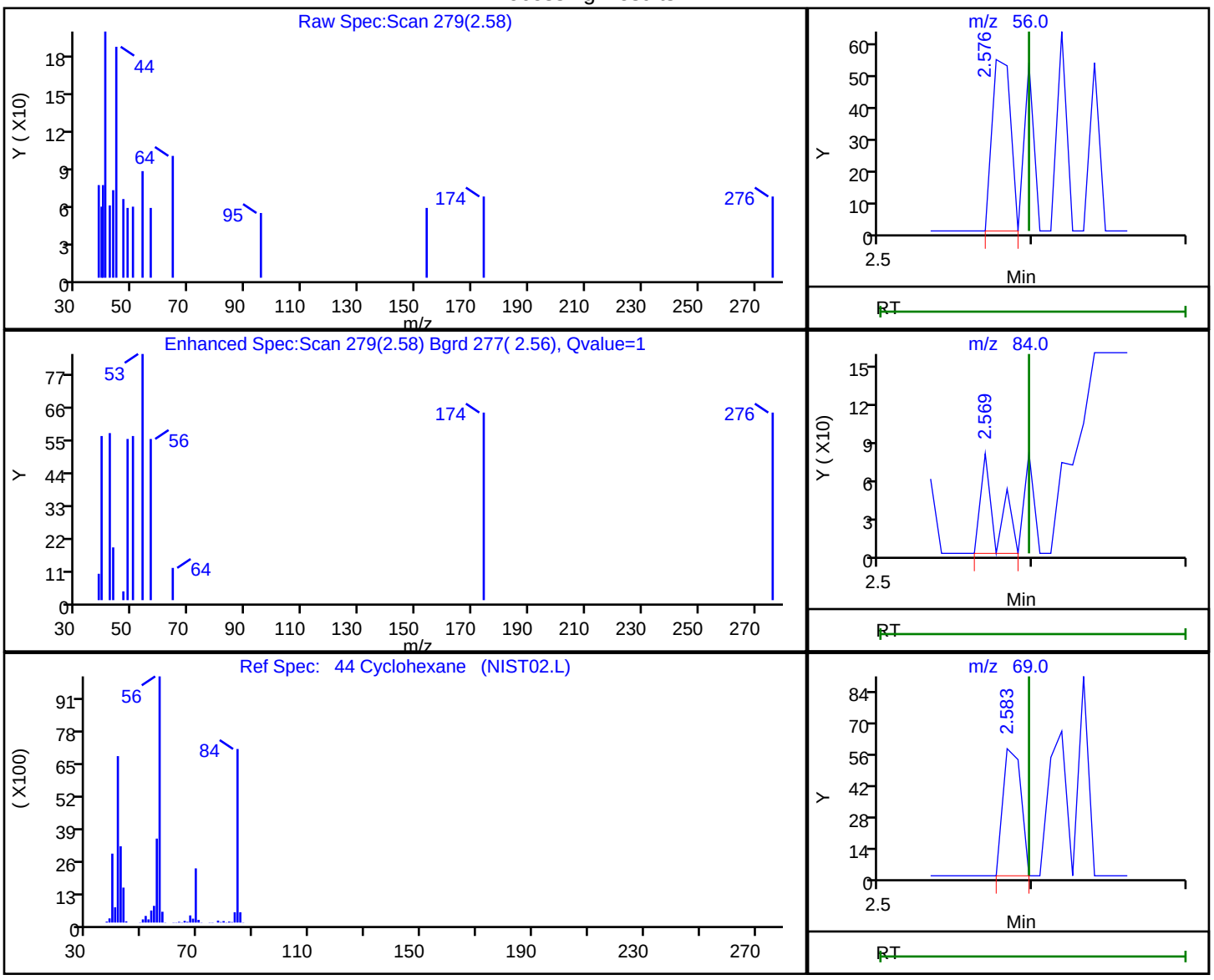
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.58	56.00	46	0.010364
2.57	84.00	56	
2.58	69.00	48	

Reviewer: baronm, 09-Jul-2020 10:06:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

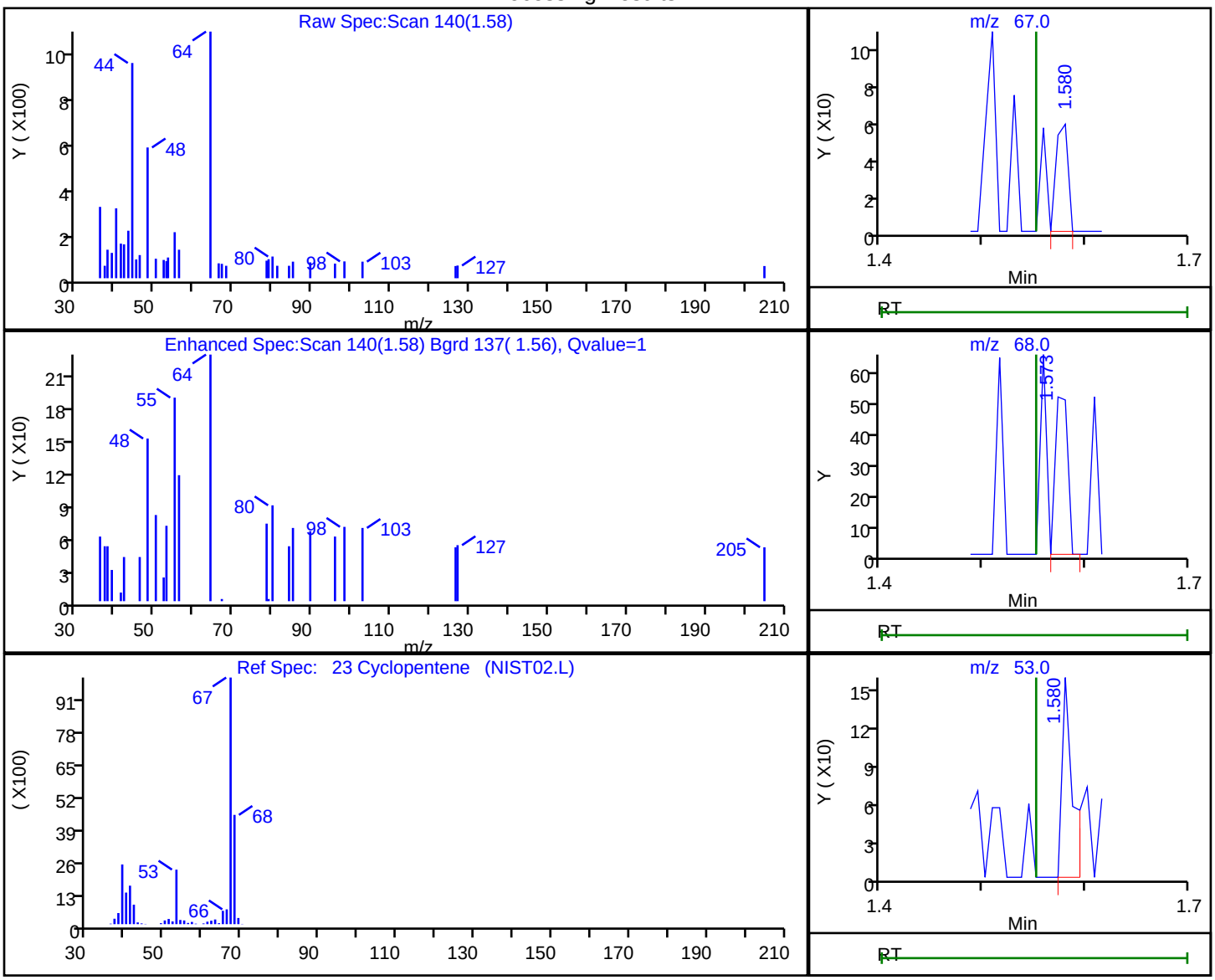
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.58	67.00	48	0.005897
1.57	68.00	44	
1.58	53.00	113	

Reviewer: baronm, 09-Jul-2020 10:04:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

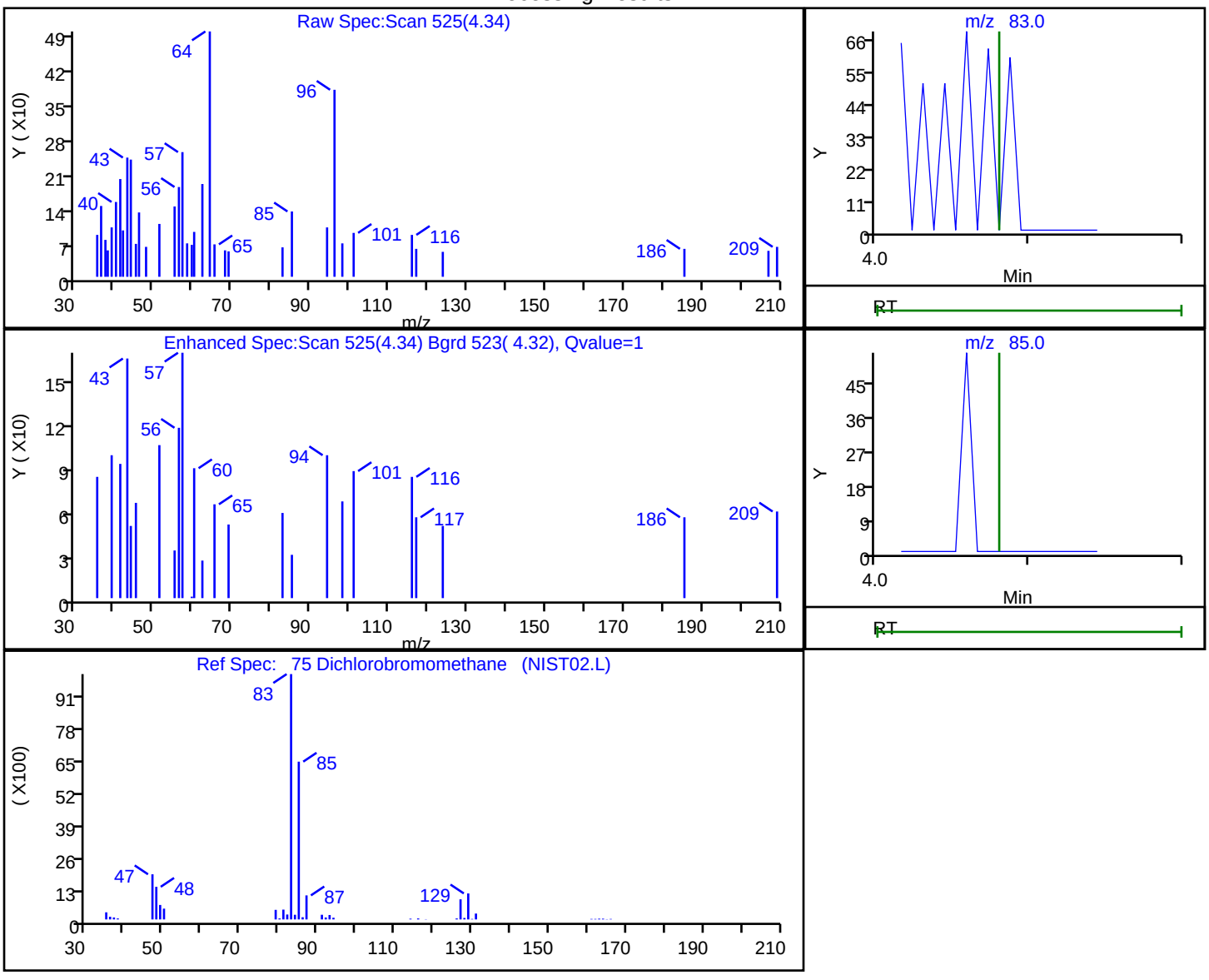
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.34	83.00	48	0.014092
4.35	85.00	479	

Reviewer: baronm, 09-Jul-2020 10:06:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

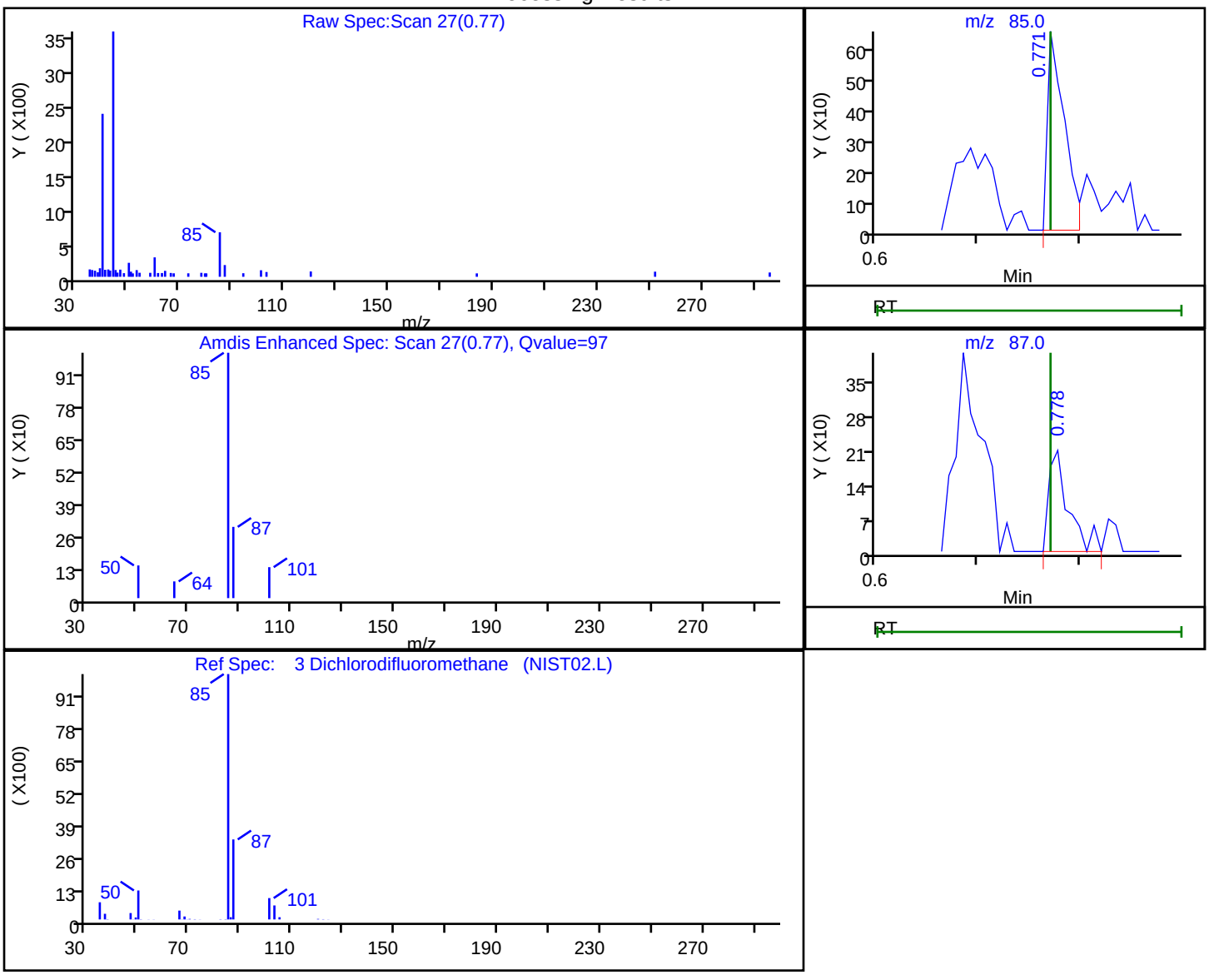
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.77	85.00	762	0.190486
0.78	87.00	275	

Reviewer: baronm, 09-Jul-2020 10:03:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

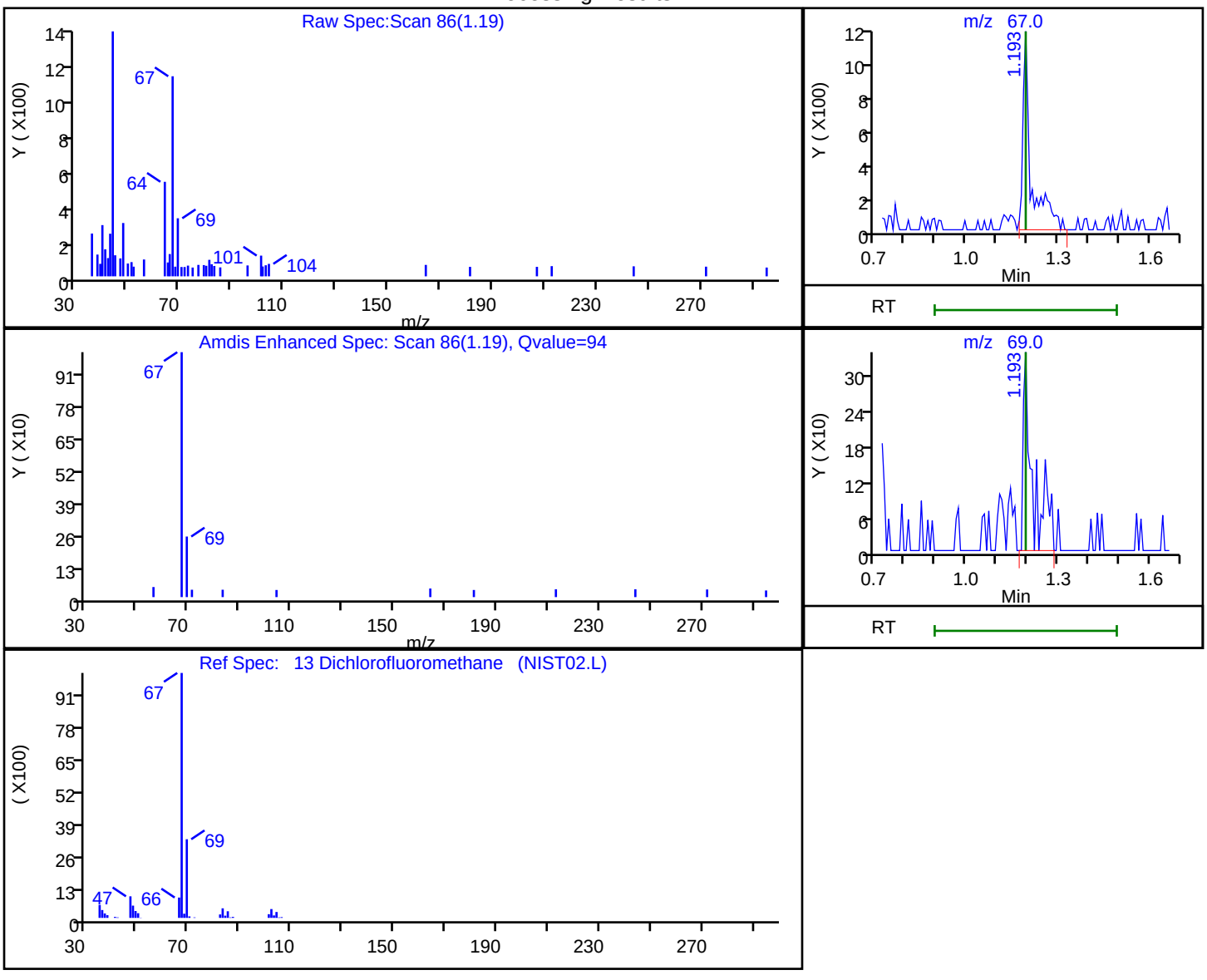
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.19	67.00	2148	0.326814
1.19	69.00	724	

Reviewer: baronm, 09-Jul-2020 10:04:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

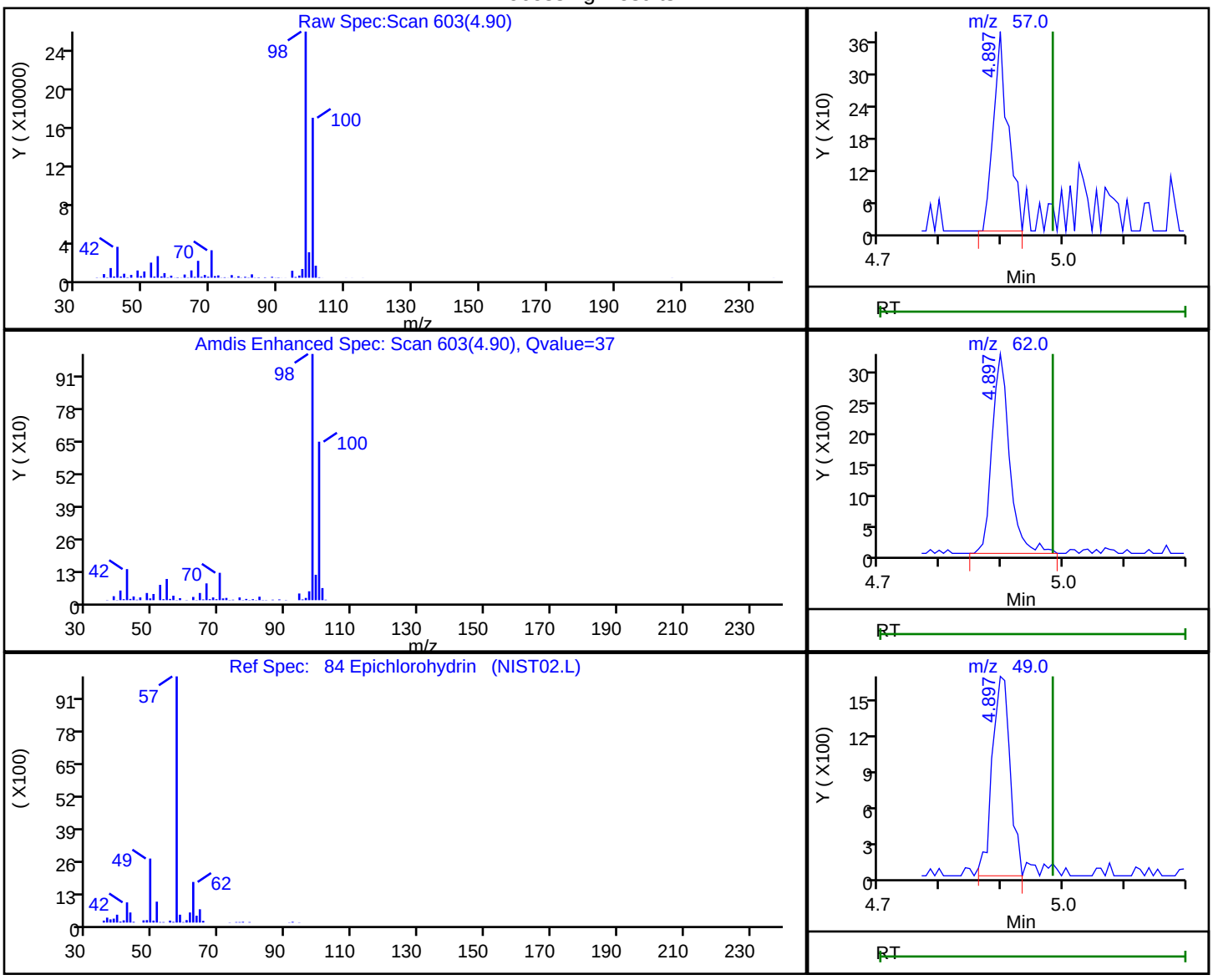
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
4.90	57.00	636	4.558809
4.90	62.00	6467	
4.90	49.00	3317	

Reviewer: baronm, 09-Jul-2020 20:09:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

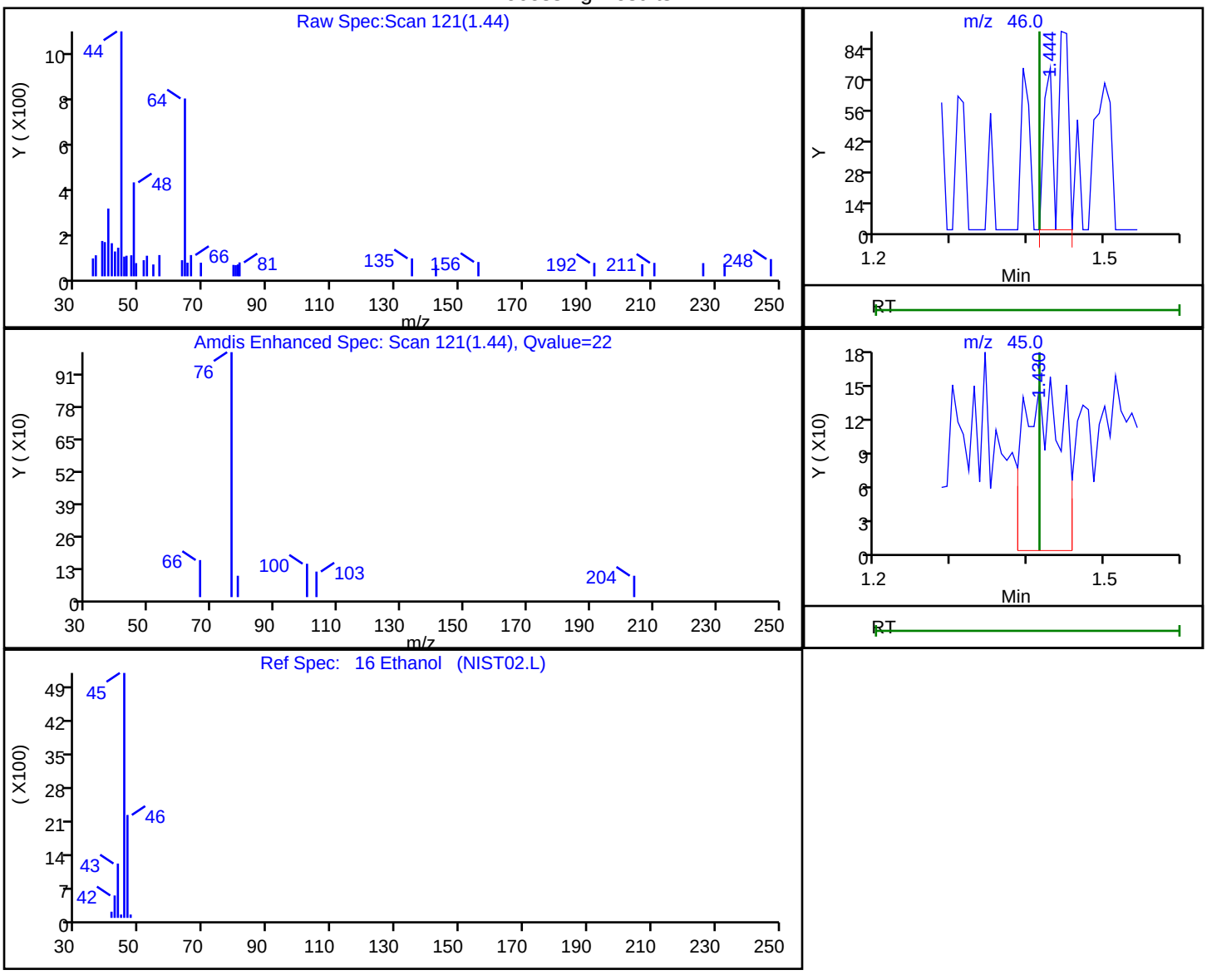
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.44	46.00	137	9.953077
1.43	45.00	521	

Reviewer: baronm, 09-Jul-2020 10:04:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

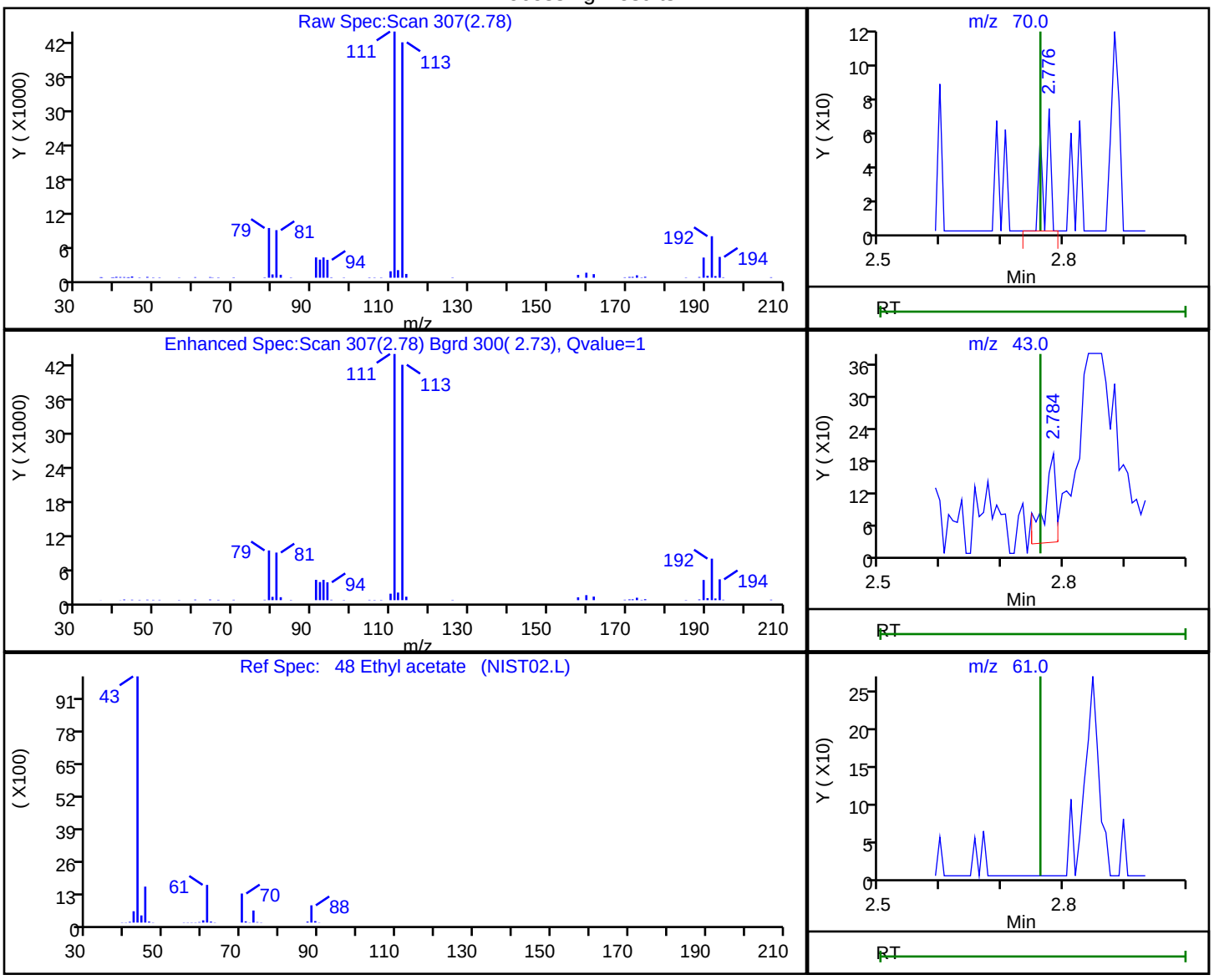
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.78	70.00	54	0.561564
2.78	43.00	229	
2.85	61.00	0	

Reviewer: baronm, 09-Jul-2020 10:06:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

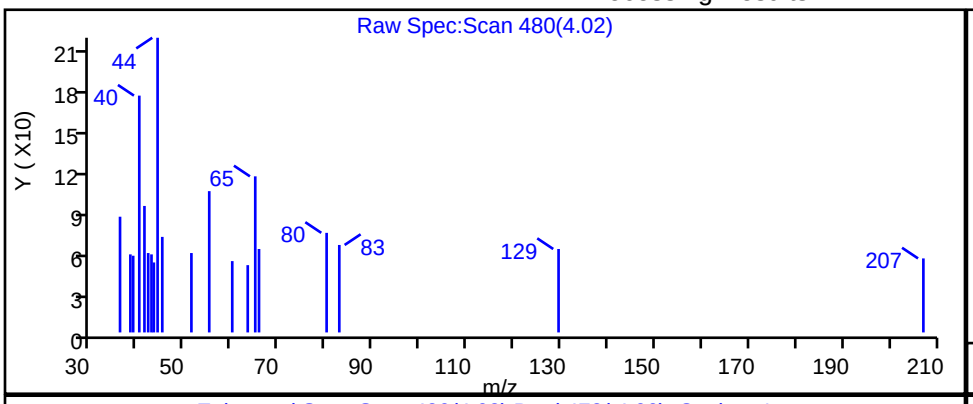
User Disabled Compound Report

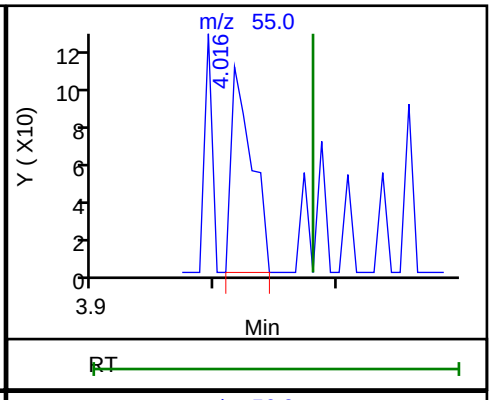
Eurofins TestAmerica, Edison

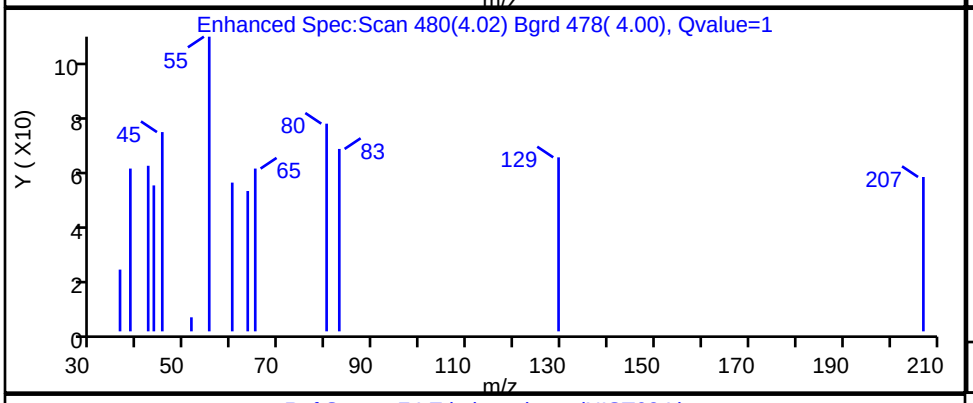
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

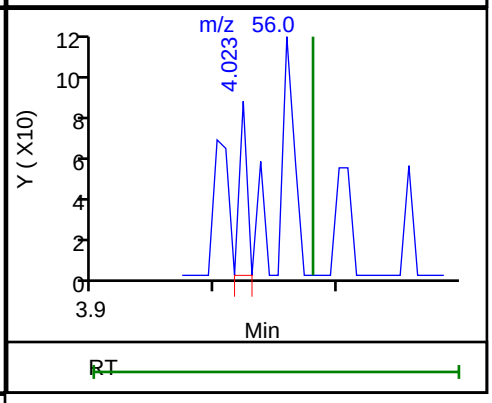
74 Ethyl acrylate, CAS: 140-88-5

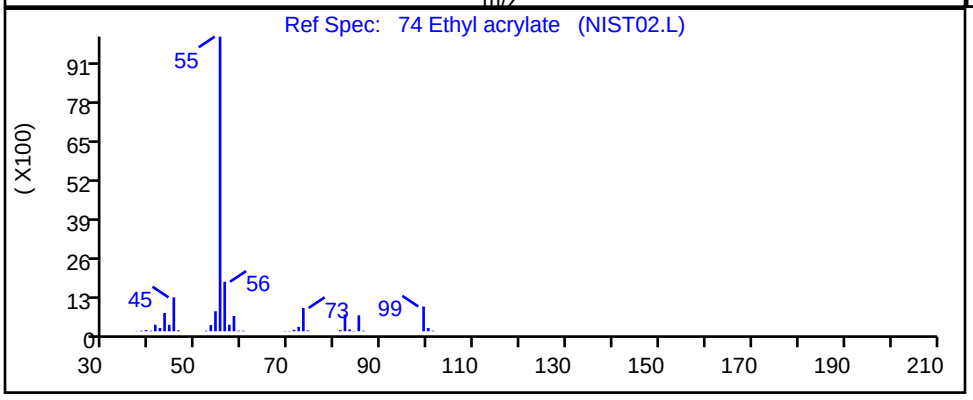
Processing Results











RT	Mass	Response	Amount
4.02	55.00	124	1.032948
4.02	56.00	35	

Reviewer: baronm, 09-Jul-2020 10:06:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

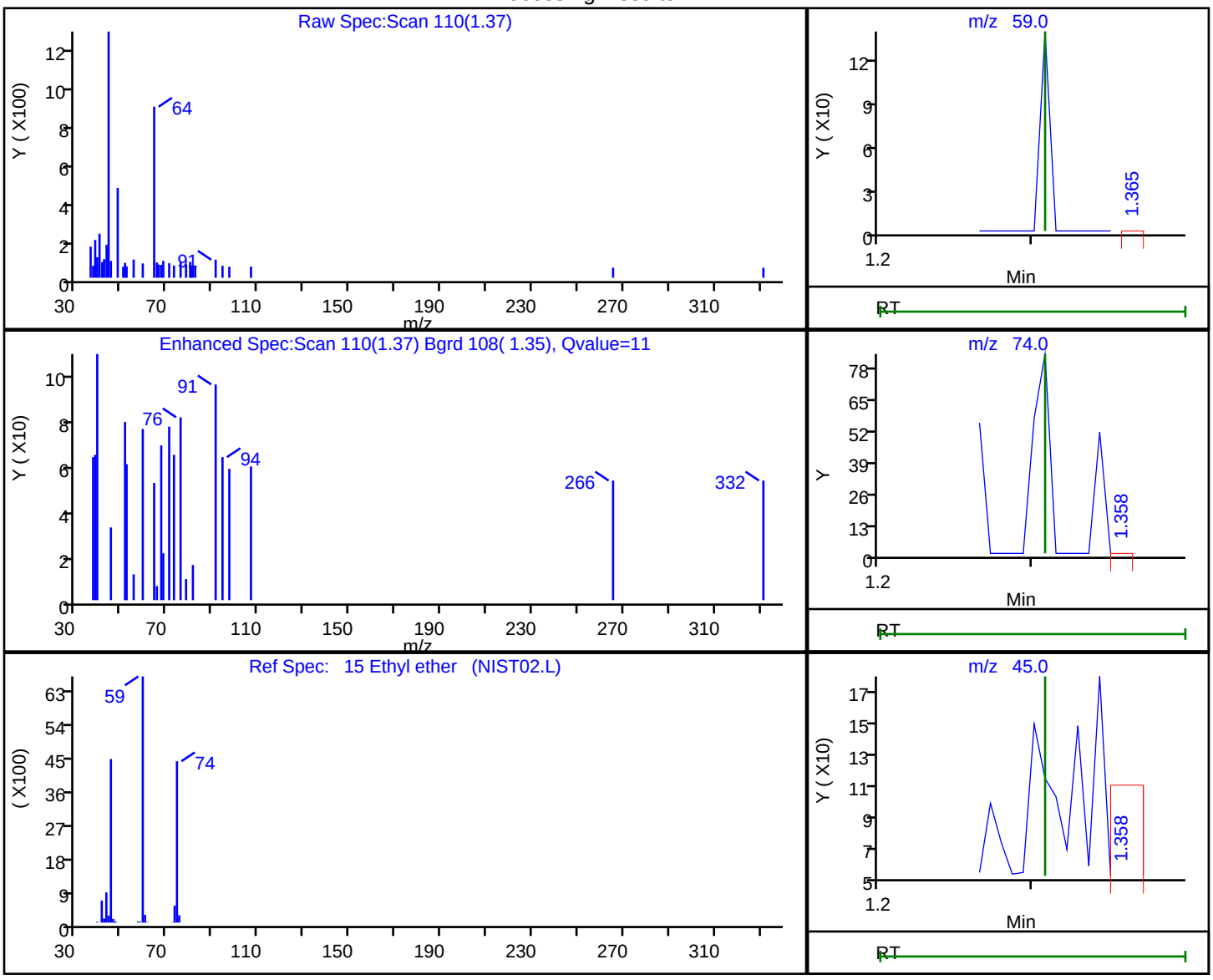
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.37	59.00	31	0.011058
1.36	74.00	25	
1.36	45.00	141	

Reviewer: baronm, 09-Jul-2020 10:04:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

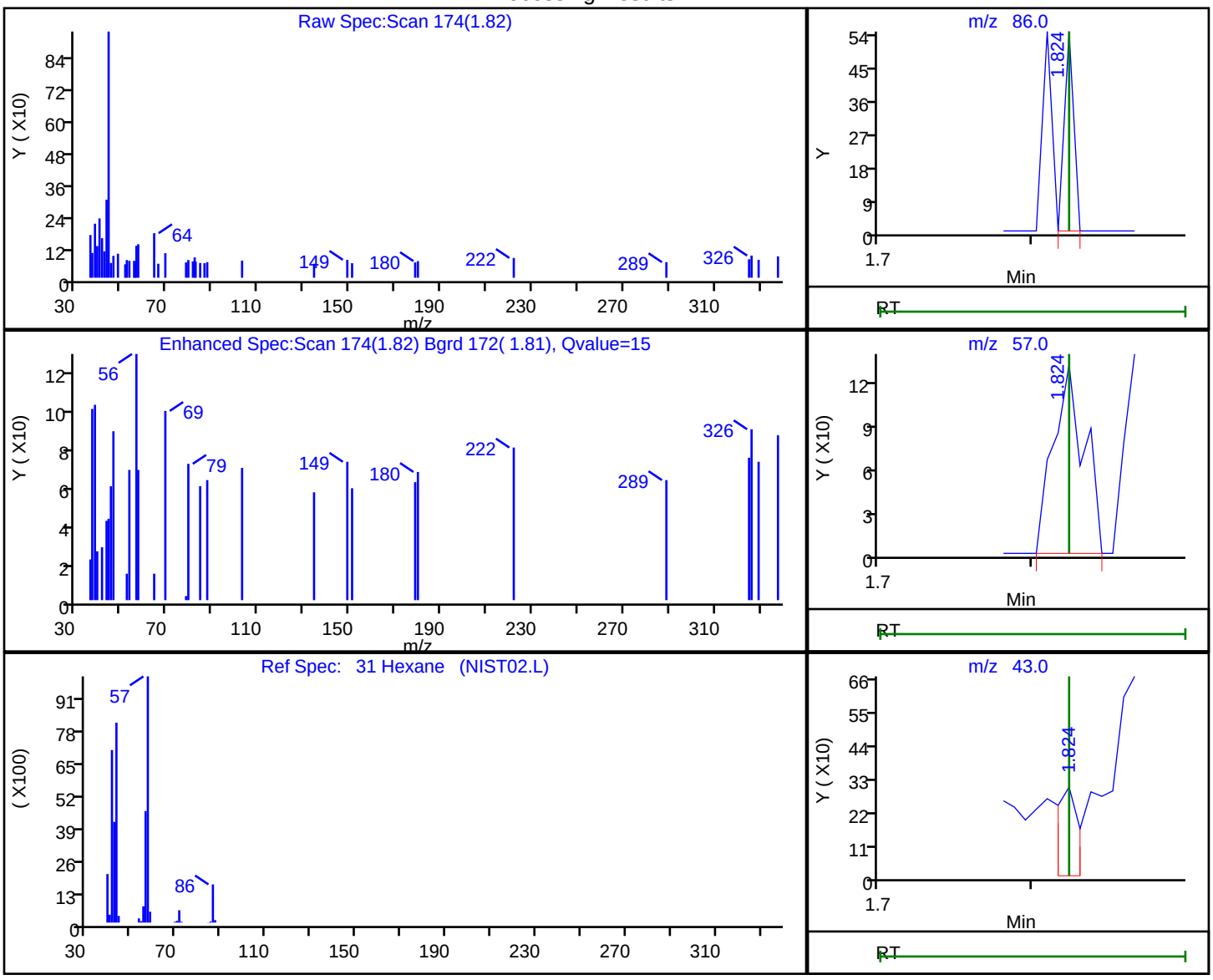
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
1.82	86.00	24	0.031980
1.82	57.00	178	
1.82	43.00	296	
1.82	56.00	101	

Reviewer: baronm, 09-Jul-2020 10:04:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

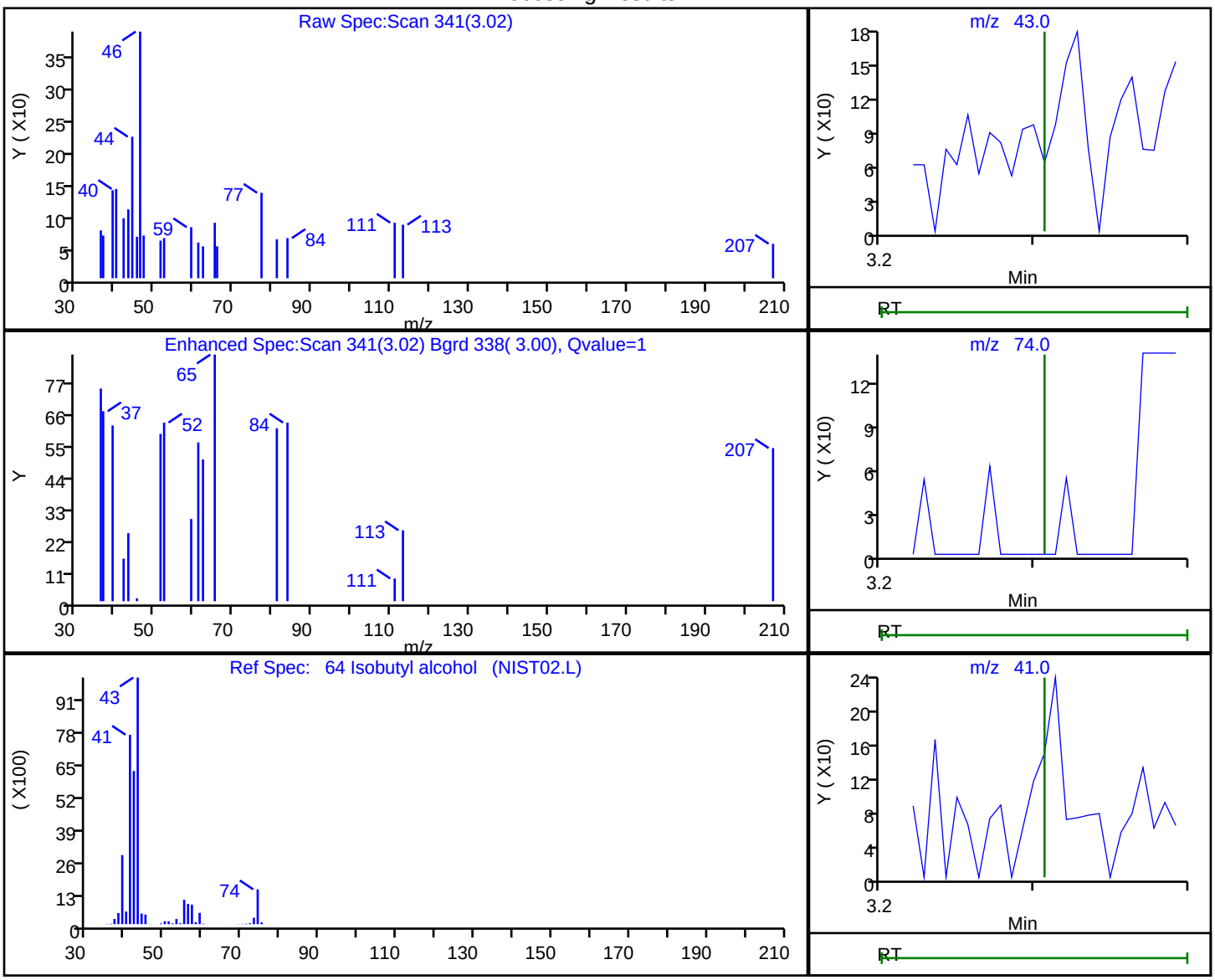
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.02	43.00	90	1.476731
3.01	74.00	29	
3.01	41.00	101	
3.02	39.00	147	

Reviewer: baronm, 09-Jul-2020 10:06:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

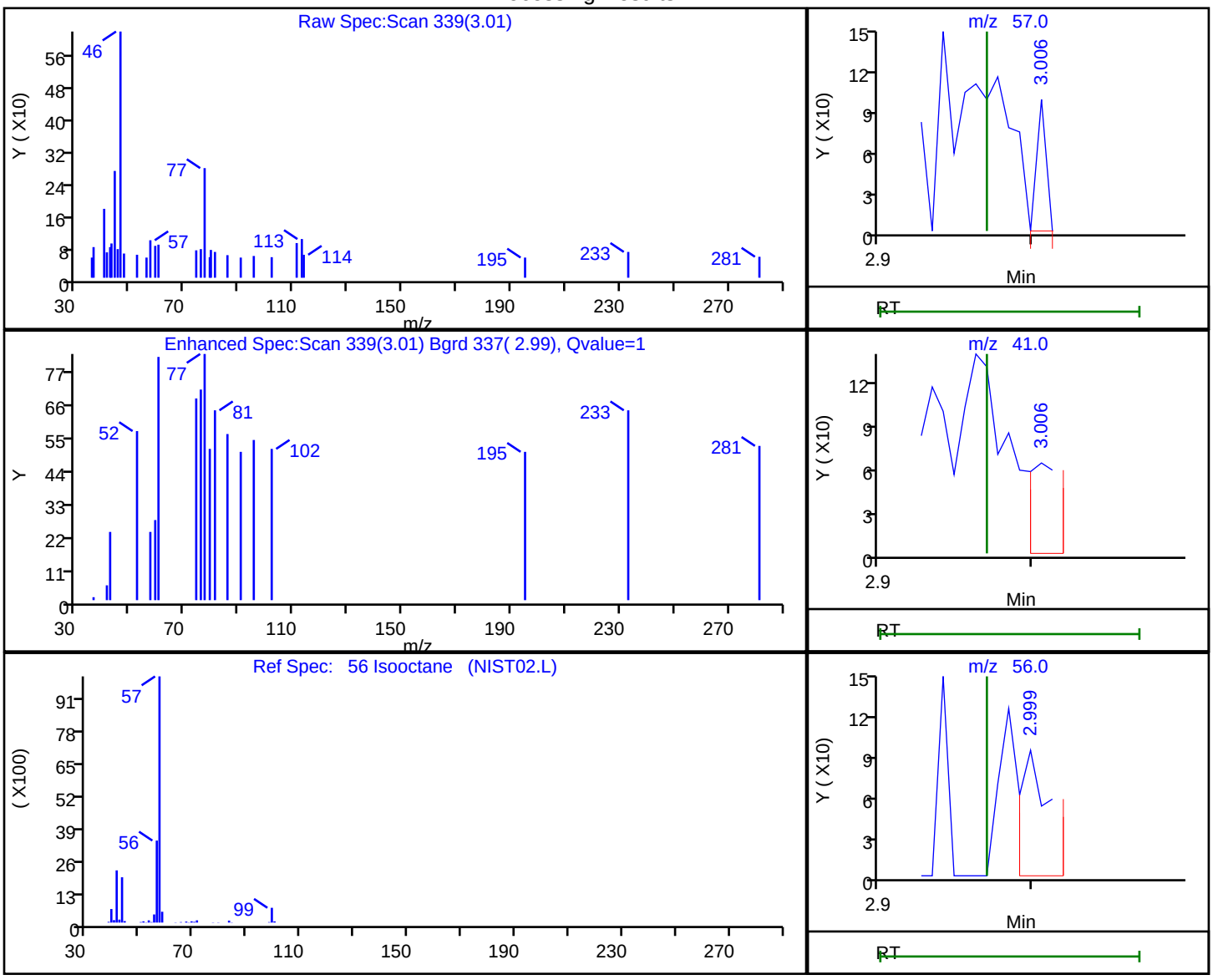
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.01	57.00	40	0.006103
3.01	41.00	76	
3.00	56.00	109	

Reviewer: baronm, 09-Jul-2020 10:06:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

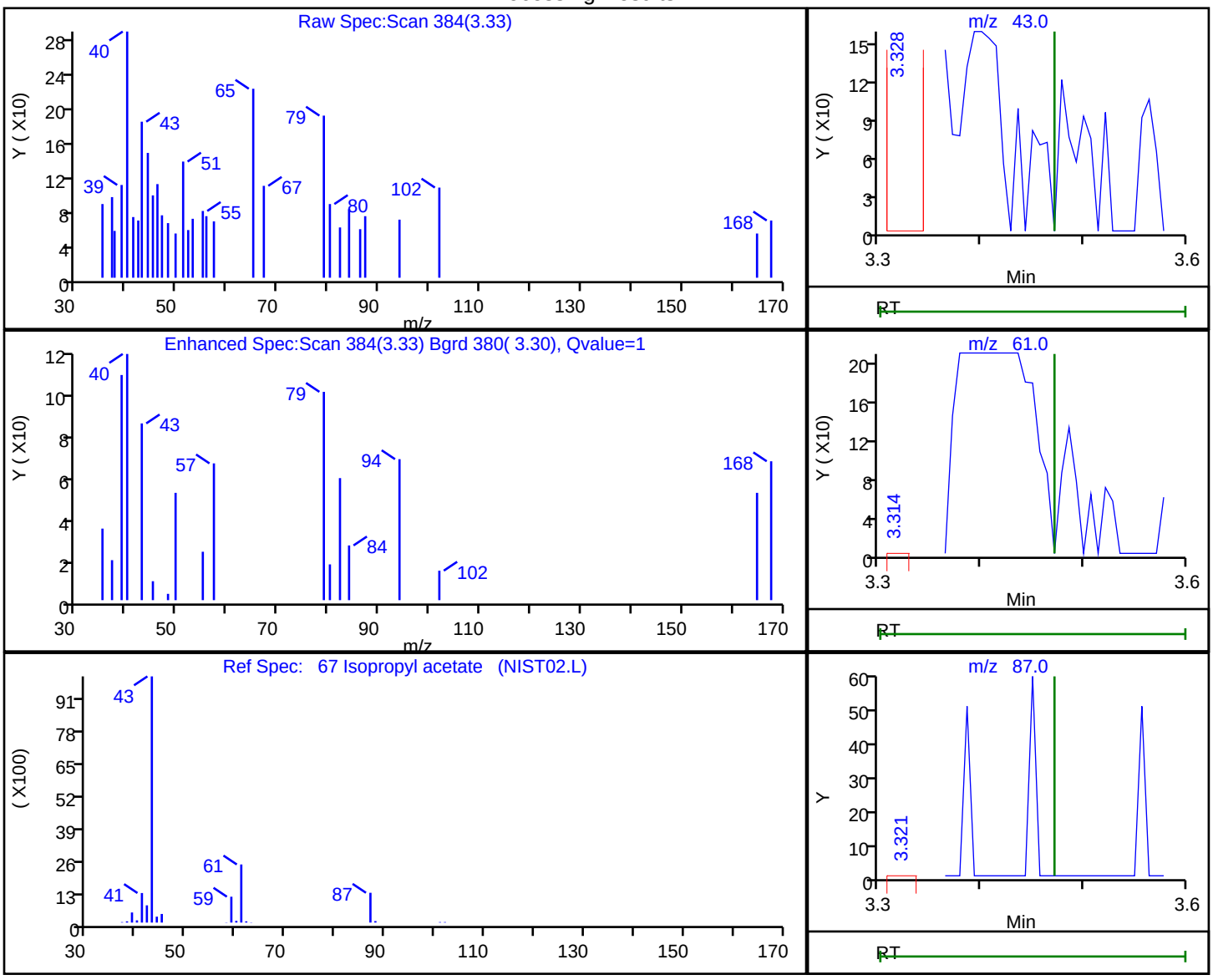
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.33	43.00	243	0.057022
3.31	61.00	84	
3.32	87.00	153	

Reviewer: baronm, 09-Jul-2020 10:06:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

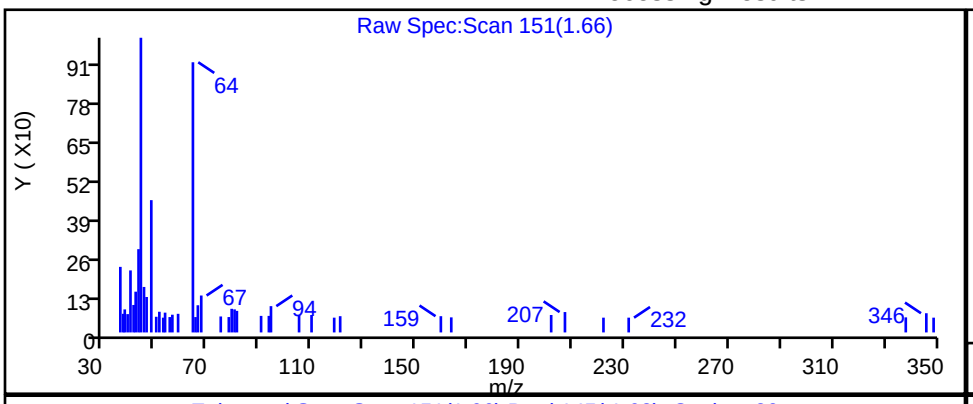
User Disabled Compound Report

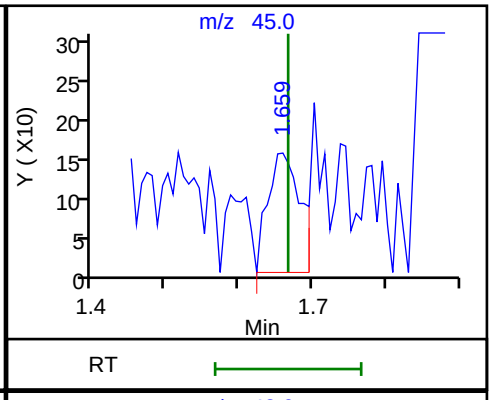
Eurofins TestAmerica, Edison

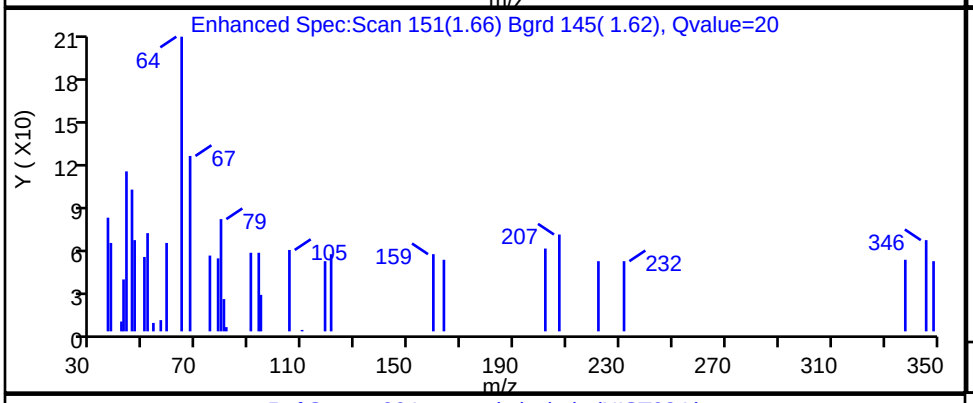
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

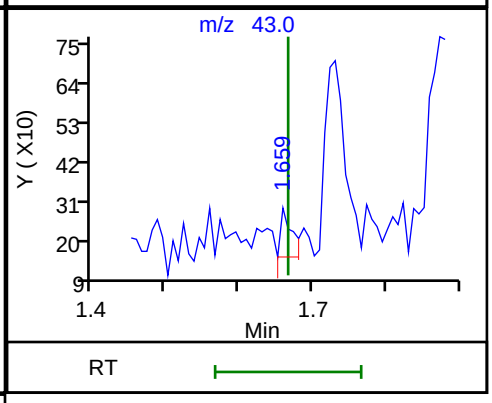
26 Isopropyl alcohol, CAS: 67-63-0

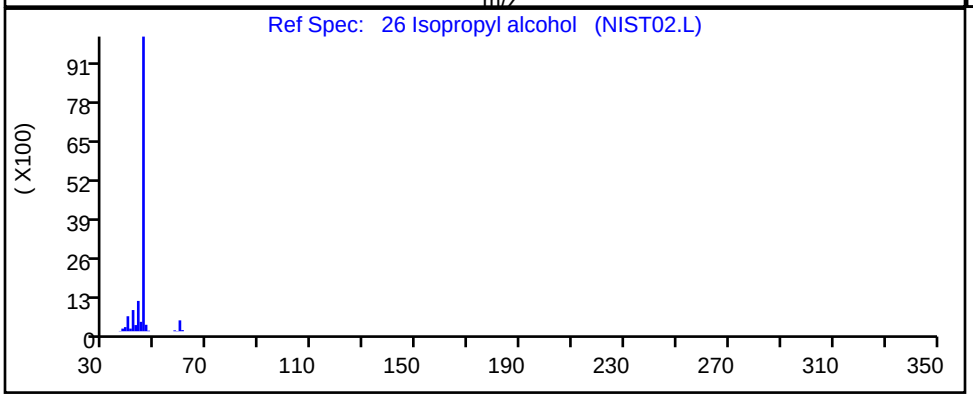
Processing Results











RT	Mass	Response	Amount
1.66	45.00	477	2.977872
1.66	43.00	147	

Reviewer: baronm, 09-Jul-2020 10:04:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

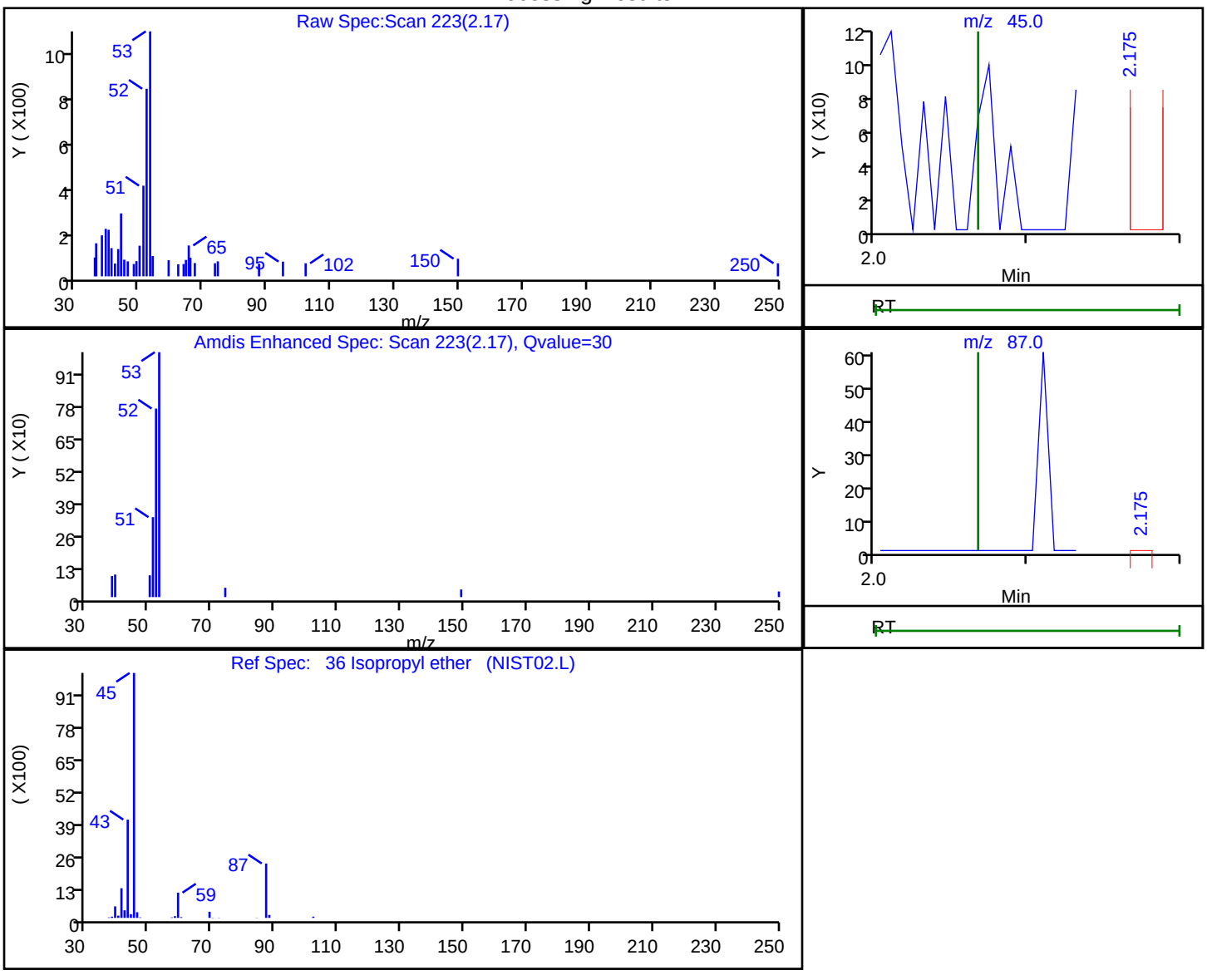
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.17	45.00	59	0.006635
2.17	87.00	22	

Reviewer: baronm, 09-Jul-2020 10:06:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

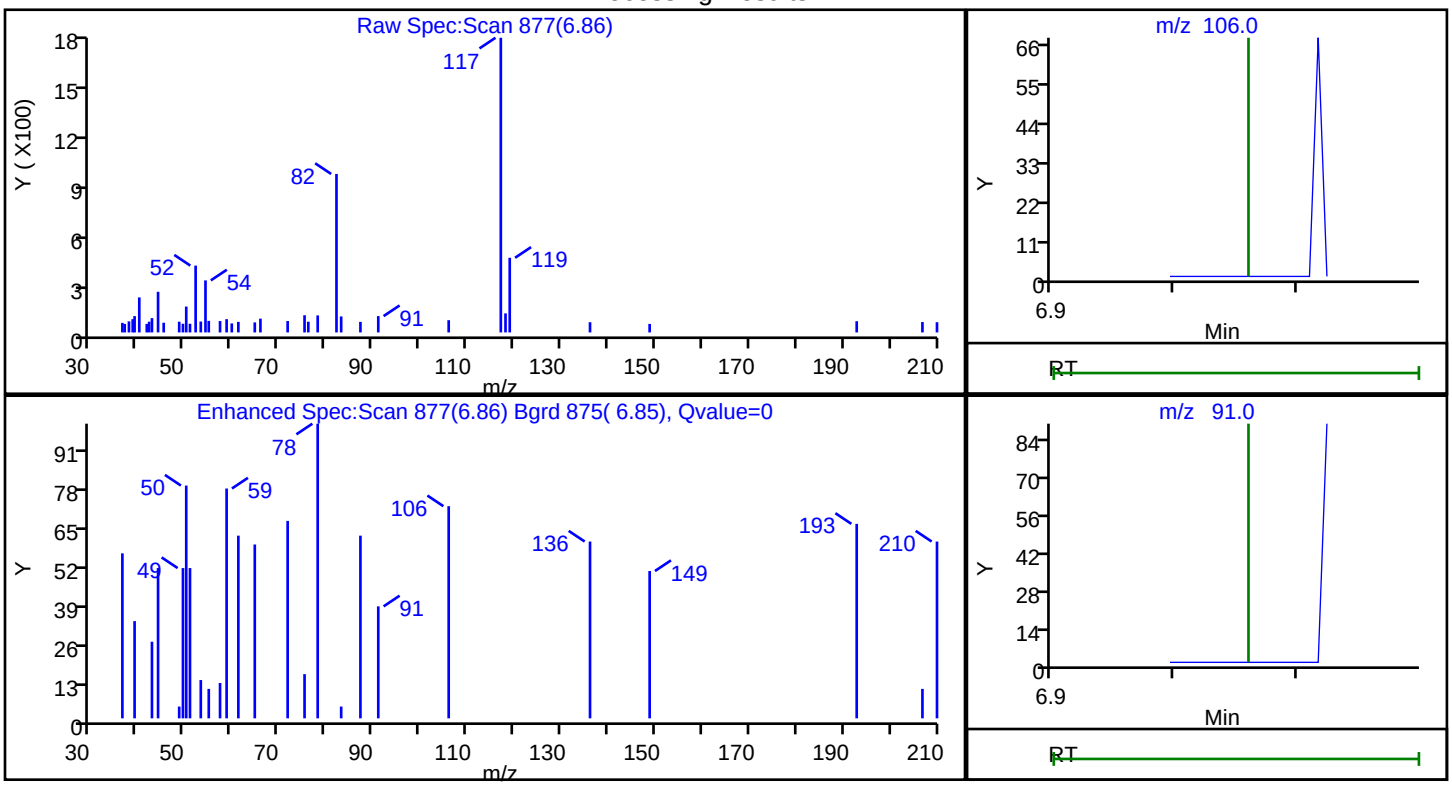
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
6.86	106.00	55	0.010374
6.85	91.00	221	

Reviewer: baronm, 09-Jul-2020 10:07:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

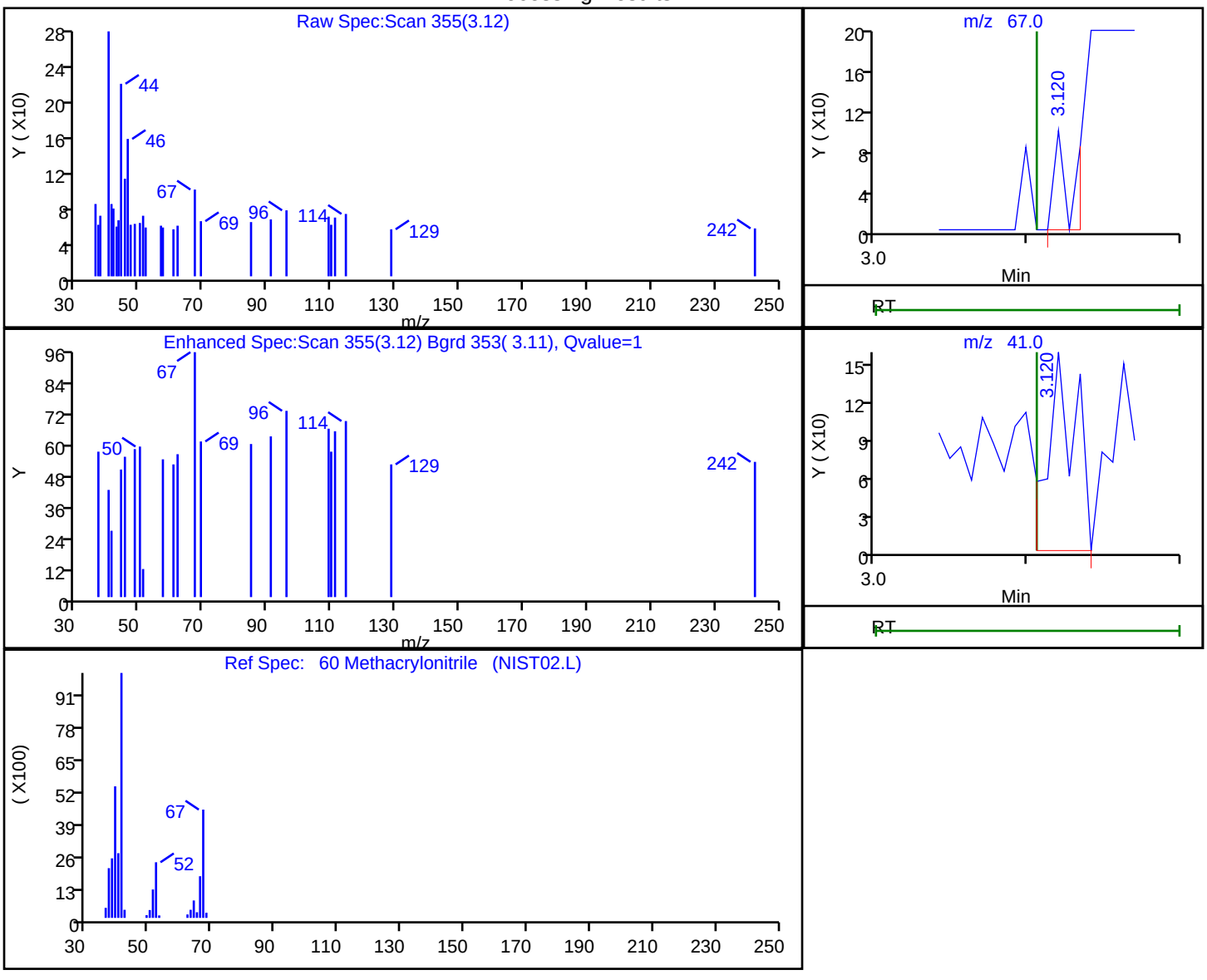
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.12	67.00	76	0.077953
3.12	41.00	198	

Reviewer: baronm, 09-Jul-2020 10:06:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

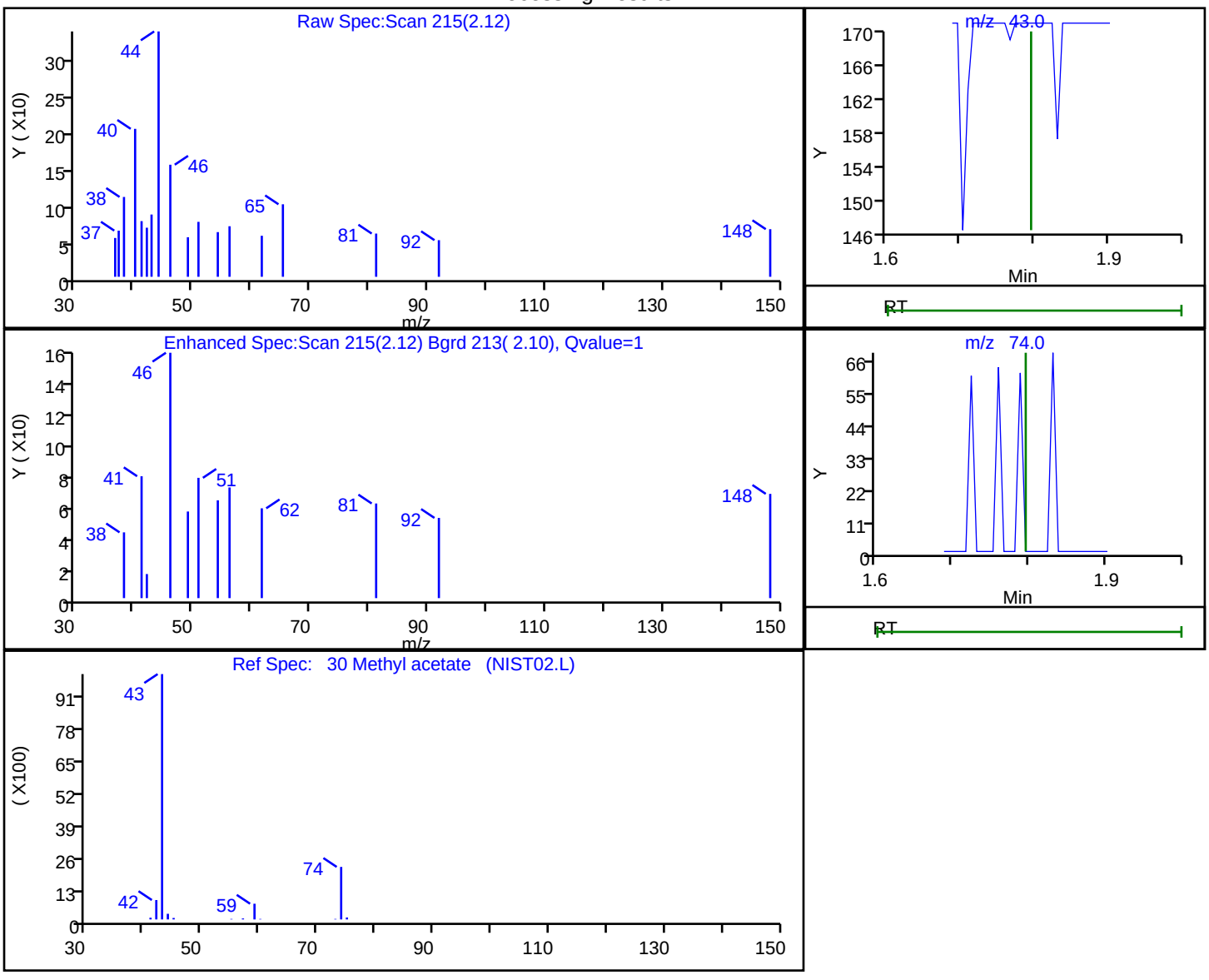
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.12	43.00	121	0.072450
2.13	74.00	45	

Reviewer: baronm, 09-Jul-2020 10:04:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

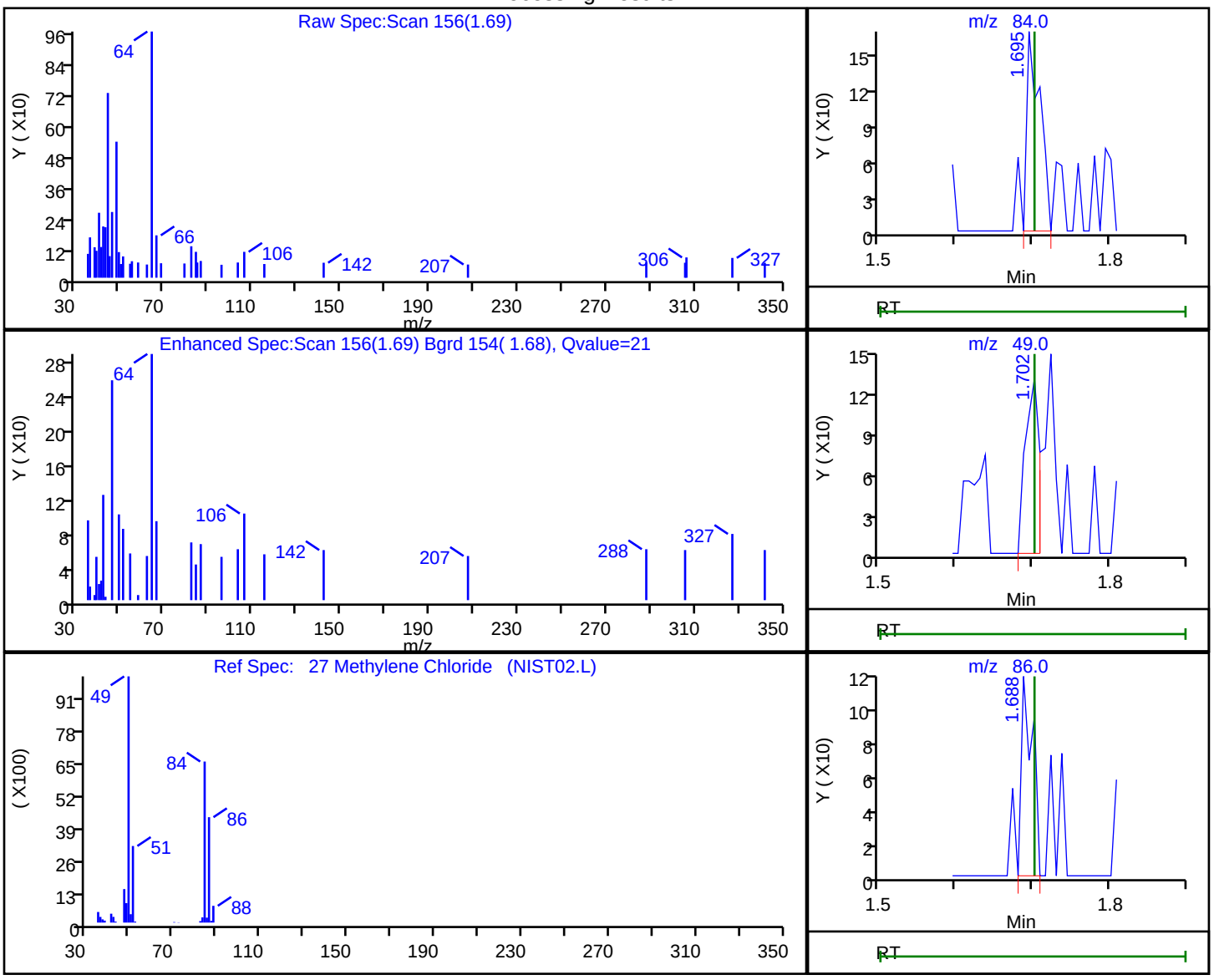
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.69	84.00	194	0.055765
1.70	49.00	162	
1.69	86.00	116	

Reviewer: baronm, 09-Jul-2020 10:04:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

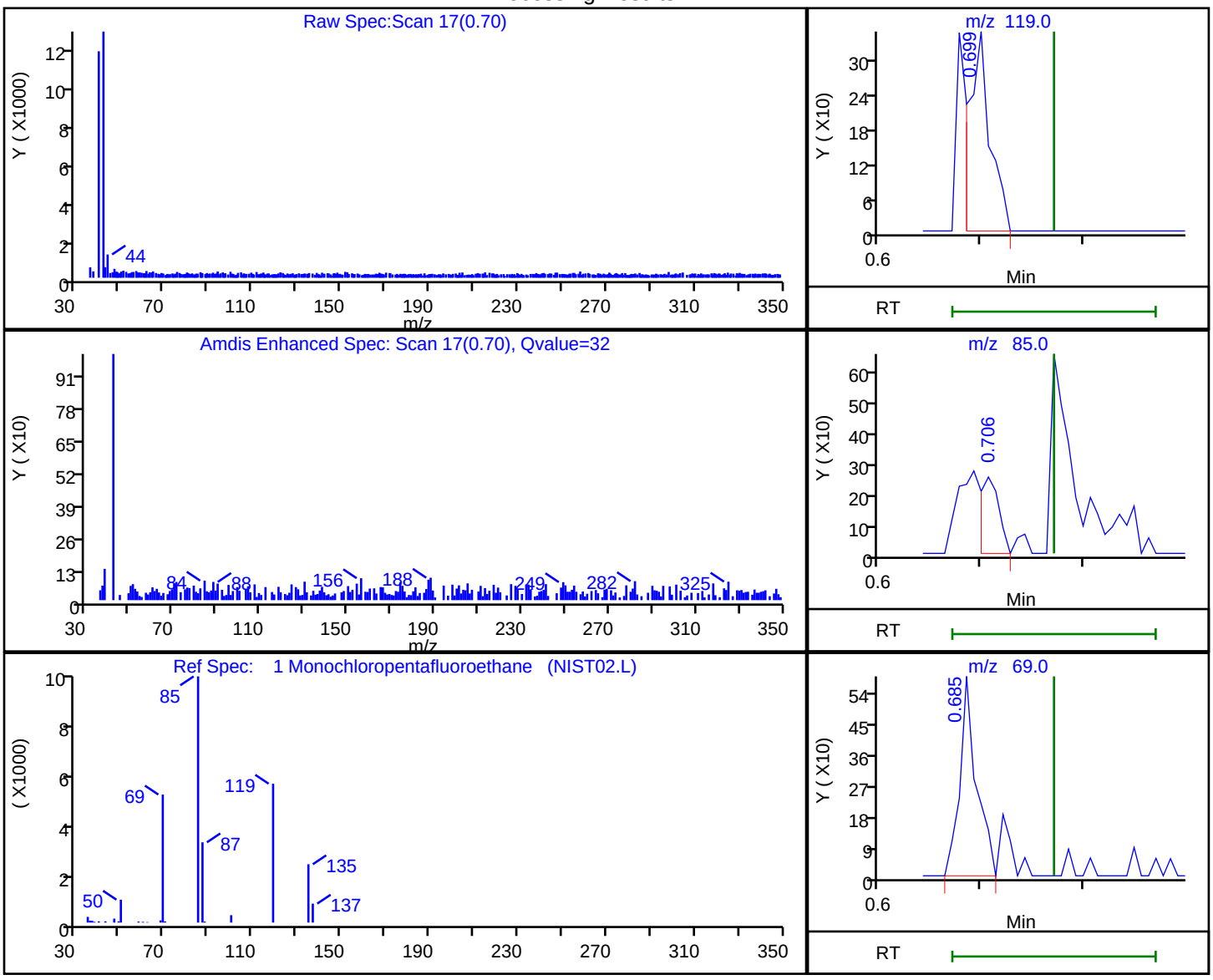
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.70	119.00	487	6.415670
0.71	85.00	318	
0.68	69.00	661	
0.70	135.00	207	

Reviewer: baronm, 09-Jul-2020 10:03:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

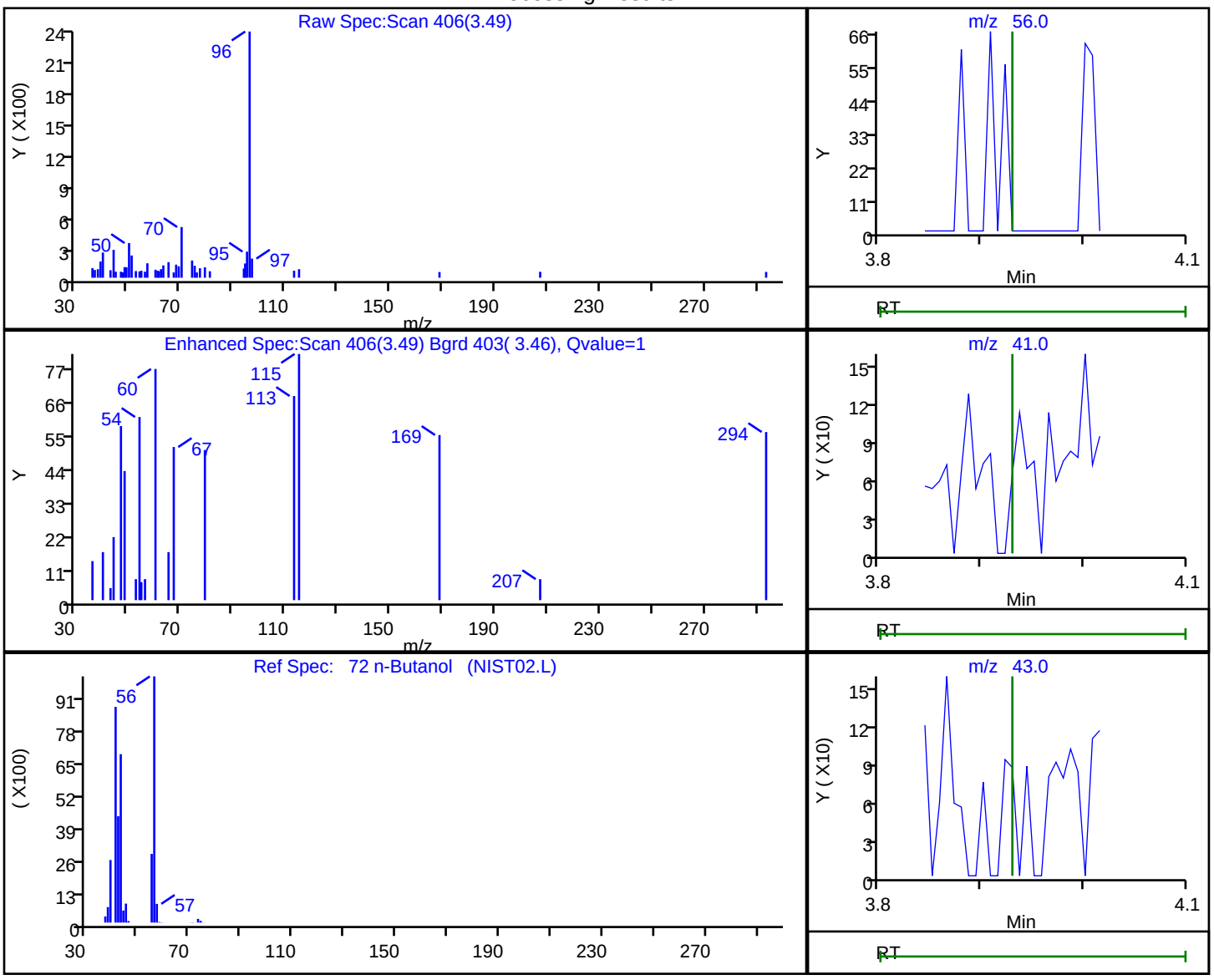
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
3.49	56.00	48	0.904631
3.49	41.00	211	
3.50	43.00	172	

Reviewer: baronm, 09-Jul-2020 10:06:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

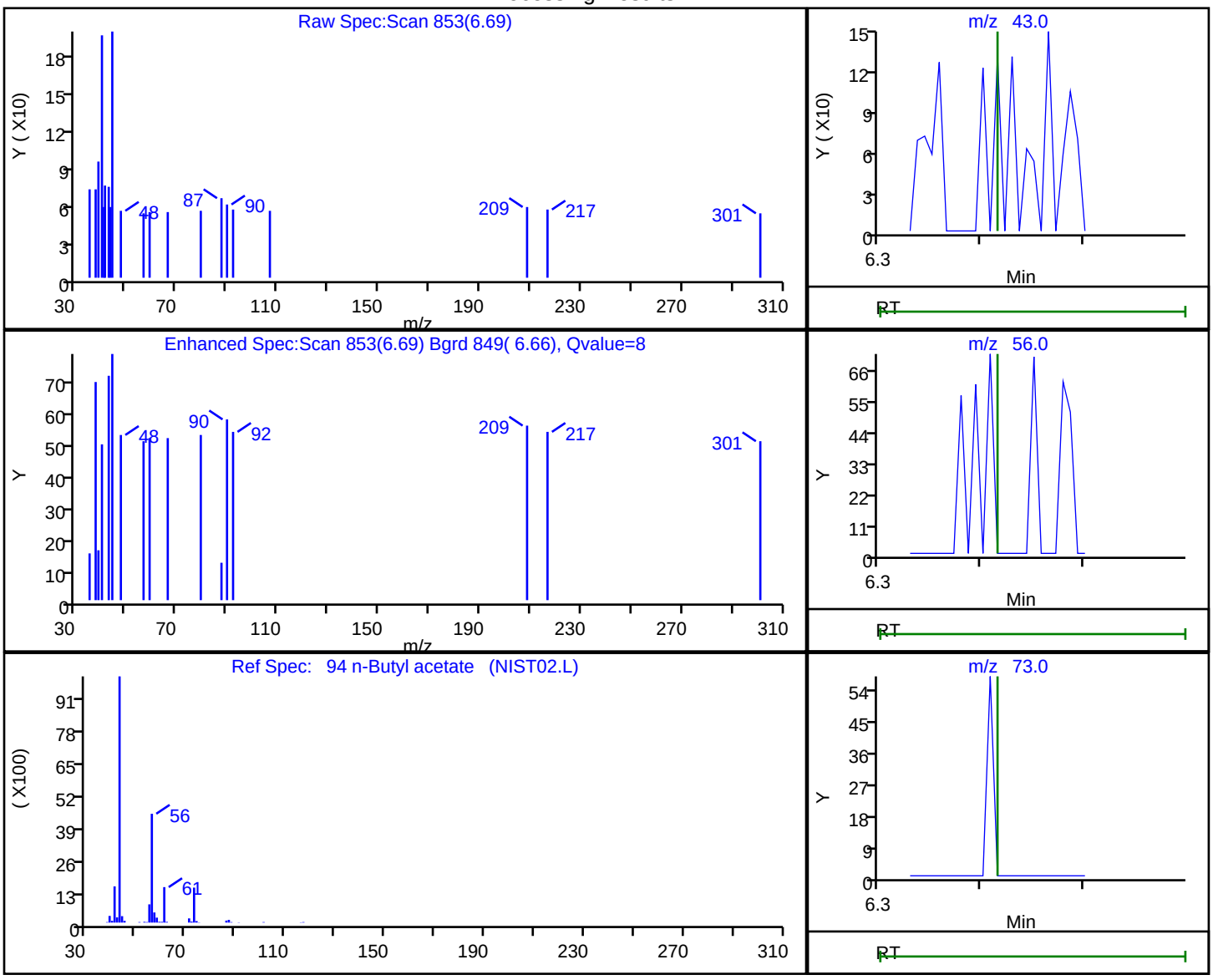
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.69	43.00	101	0.029538
6.69	56.00	22	
6.67	73.00	21	

Reviewer: baronm, 09-Jul-2020 10:07:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

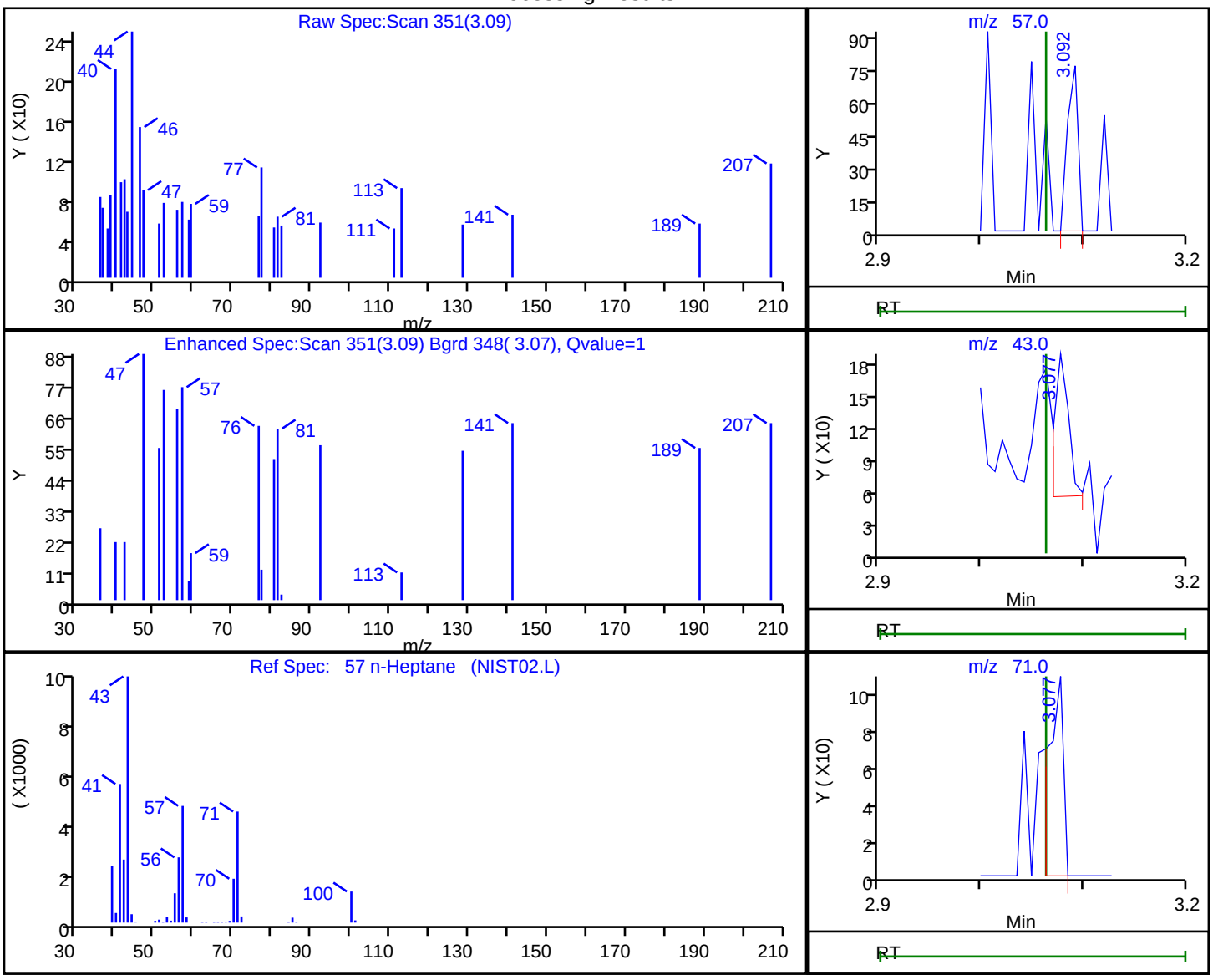
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.09	57.00	55	0.034247
3.08	43.00	129	
3.08	71.00	101	

Reviewer: baronm, 09-Jul-2020 10:06:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

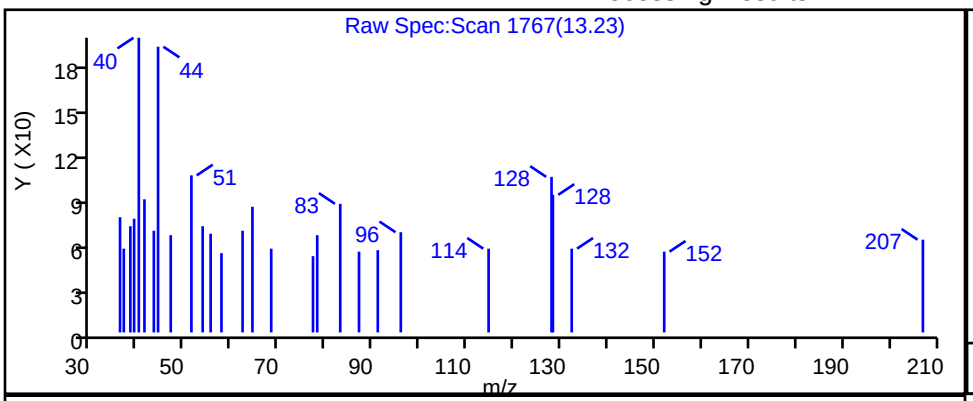
User Disabled Compound Report

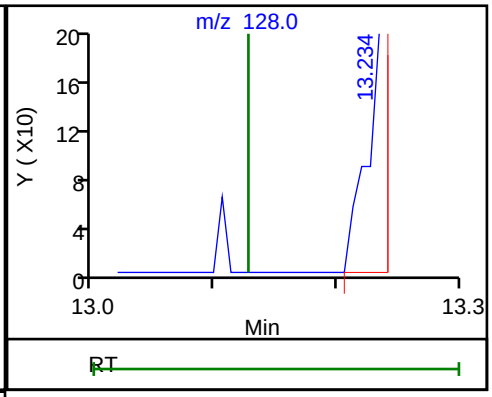
Eurofins TestAmerica, Edison

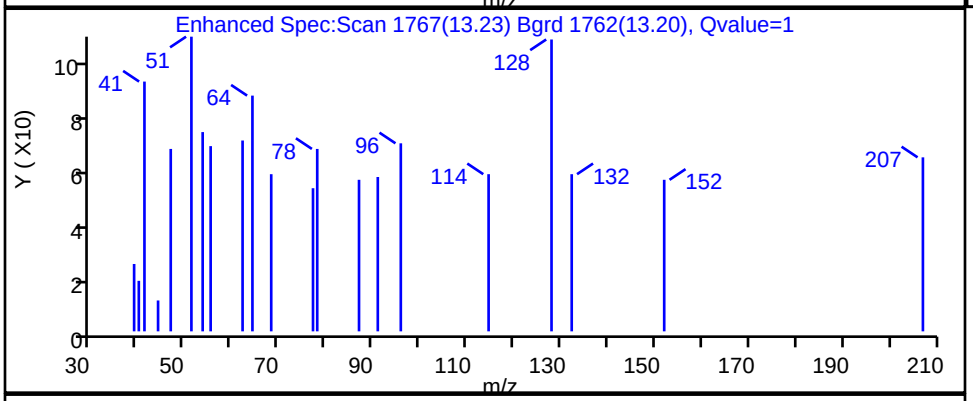
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

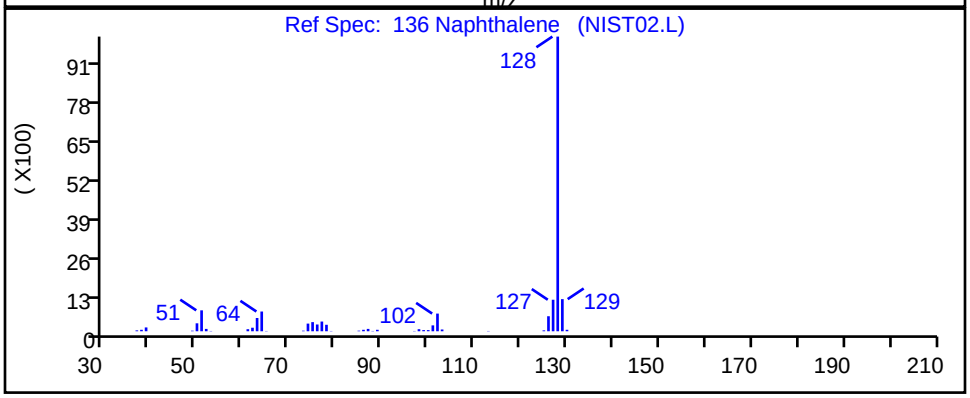
136 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.23	128.00	219	0.024851

Reviewer: baronm, 09-Jul-2020 10:07:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

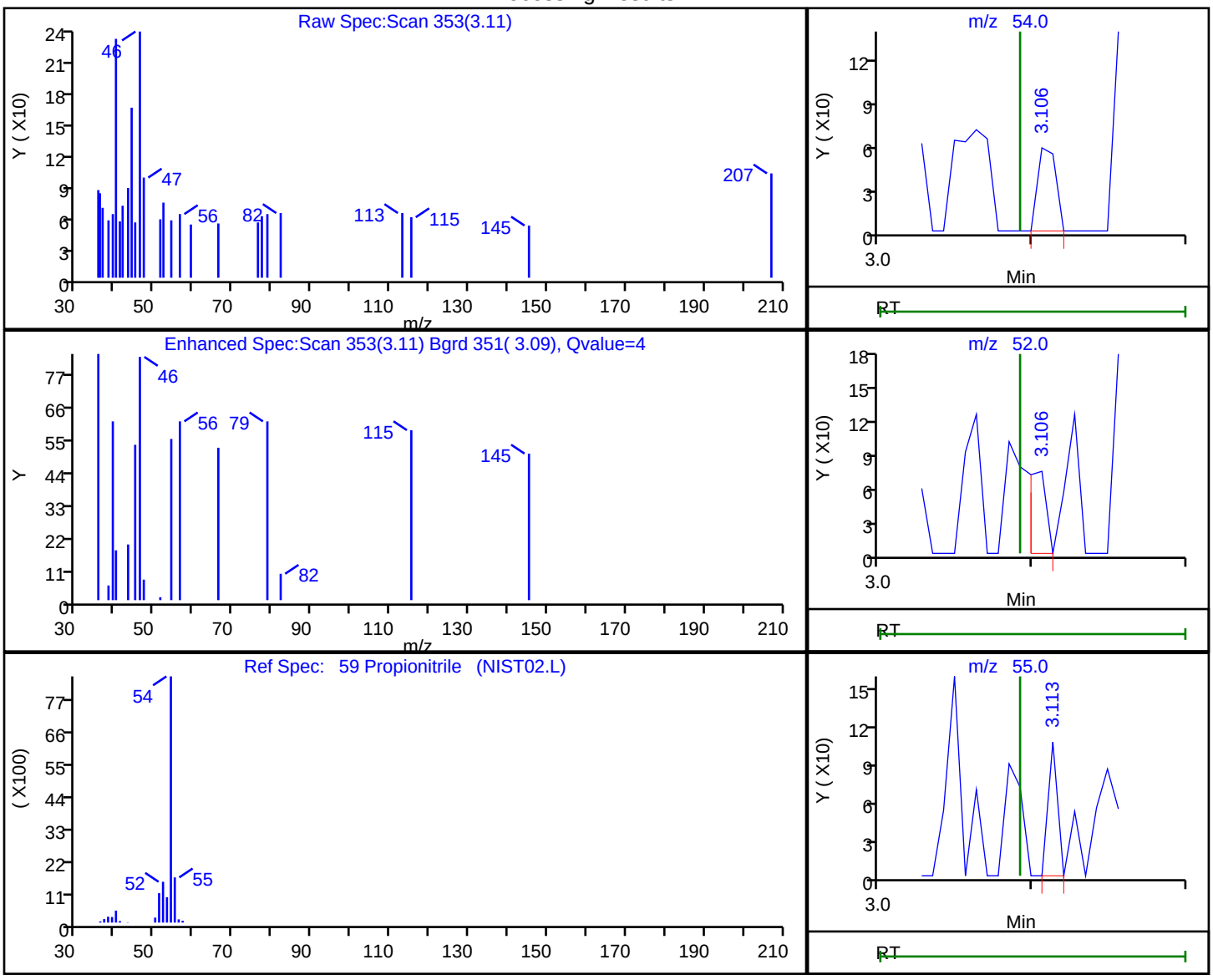
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.11	54.00	46	0.141486
3.11	52.00	61	
3.11	55.00	45	

Reviewer: baronm, 09-Jul-2020 10:06:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

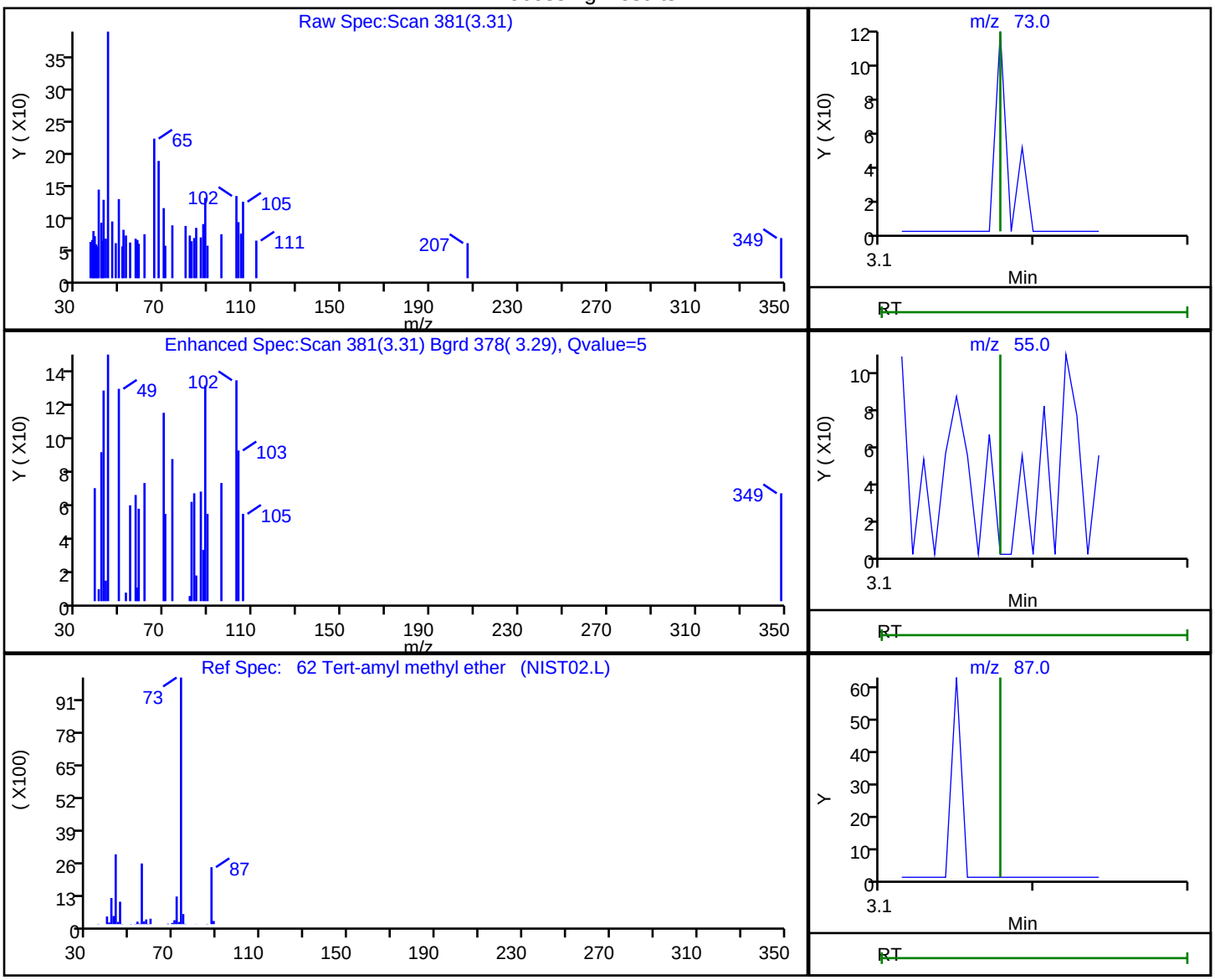
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.31	73.00	60	0.008791
3.29	55.00	53	
3.30	87.00	218	

Reviewer: baronm, 09-Jul-2020 10:06:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

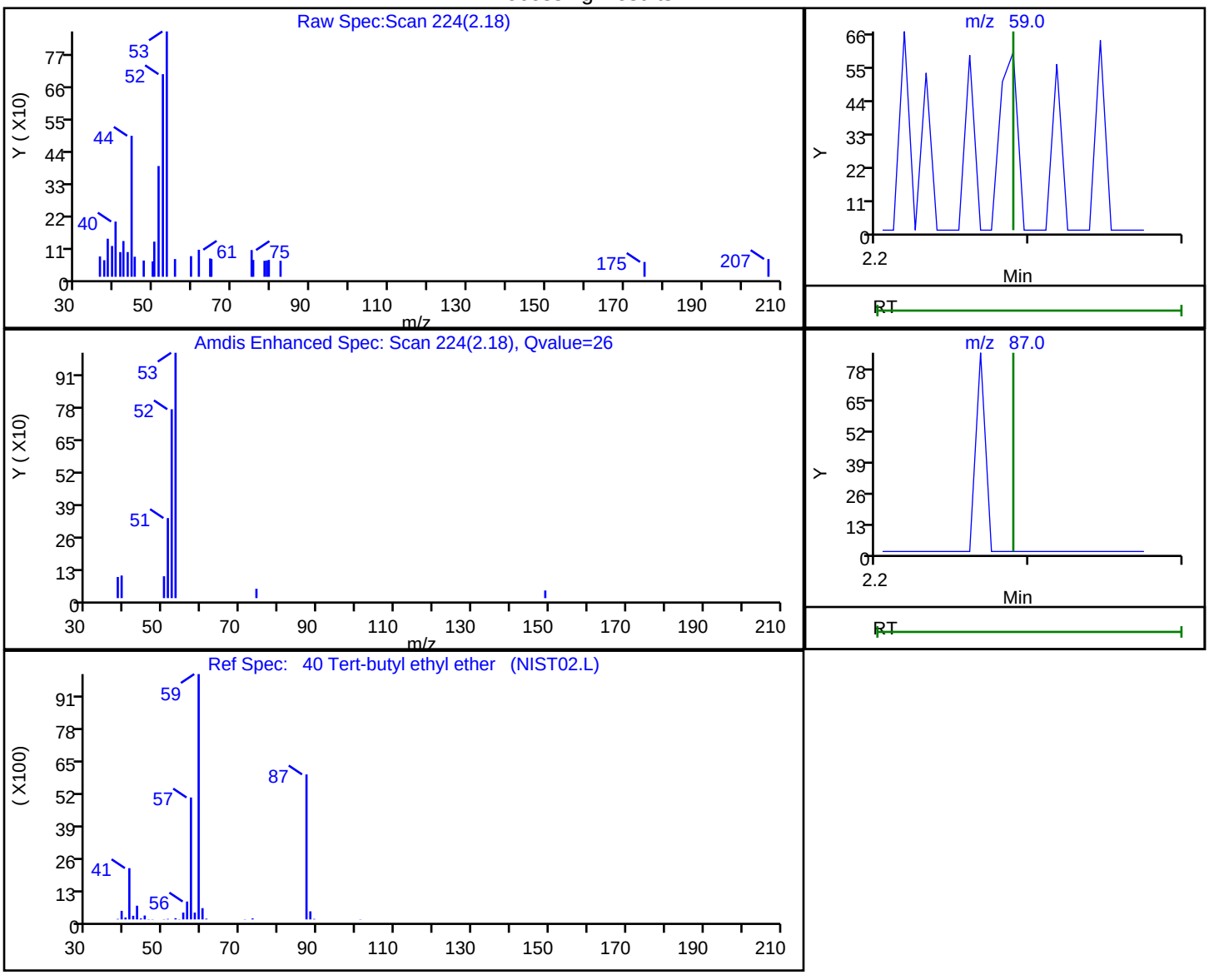
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
2.18	59.00	83	0.010190
2.17	87.00	22	

Reviewer: baronm, 09-Jul-2020 10:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

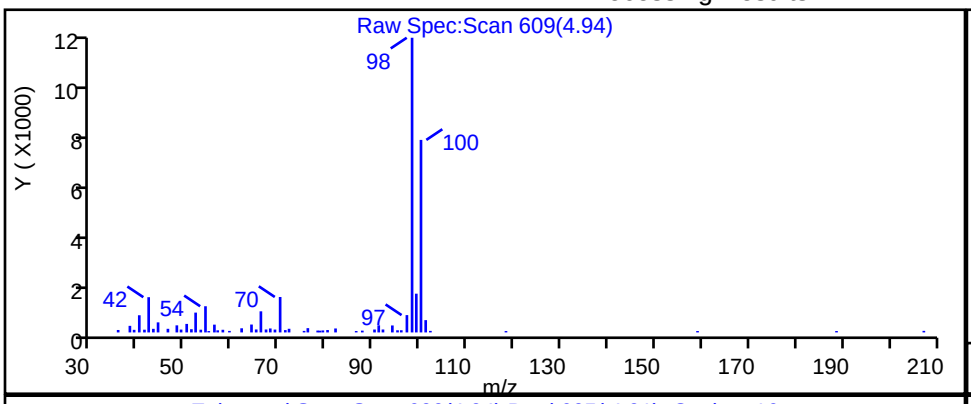
User Disabled Compound Report

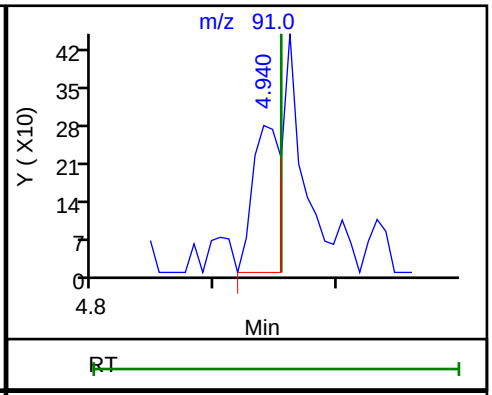
Eurofins TestAmerica, Edison

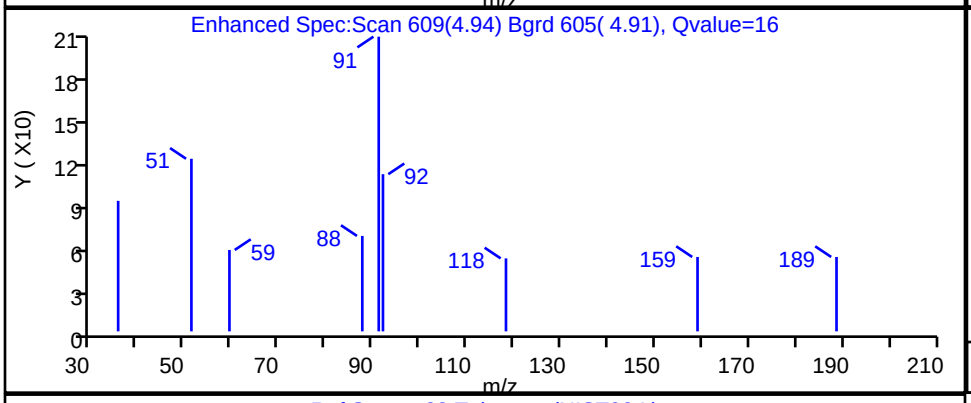
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

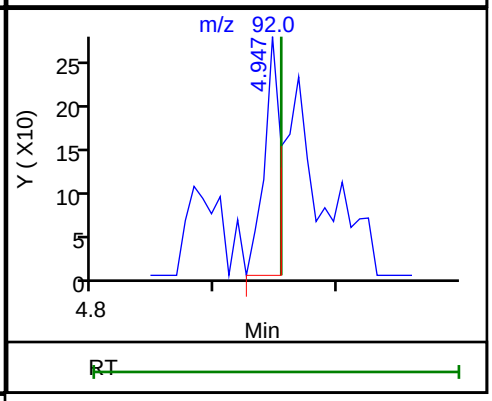
83 Toluene, CAS: 108-88-3

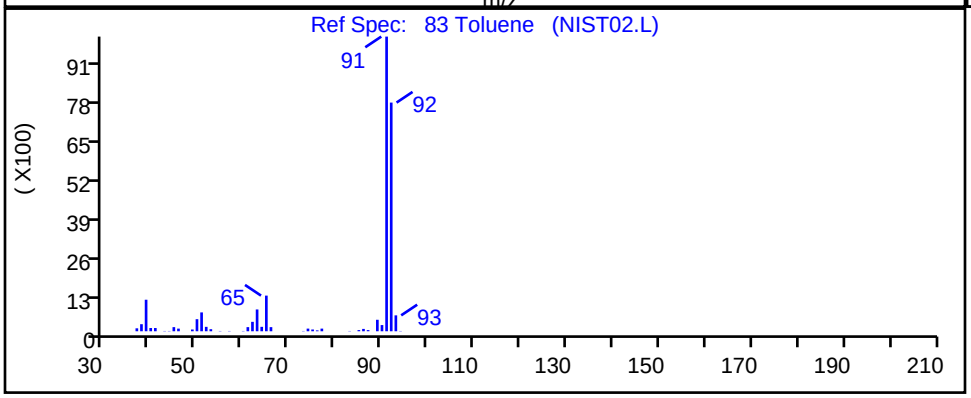
Processing Results











RT	Mass	Response	Amount
4.94	91.00	443	0.036484
4.95	92.00	255	

Reviewer: baronm, 09-Jul-2020 10:06:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

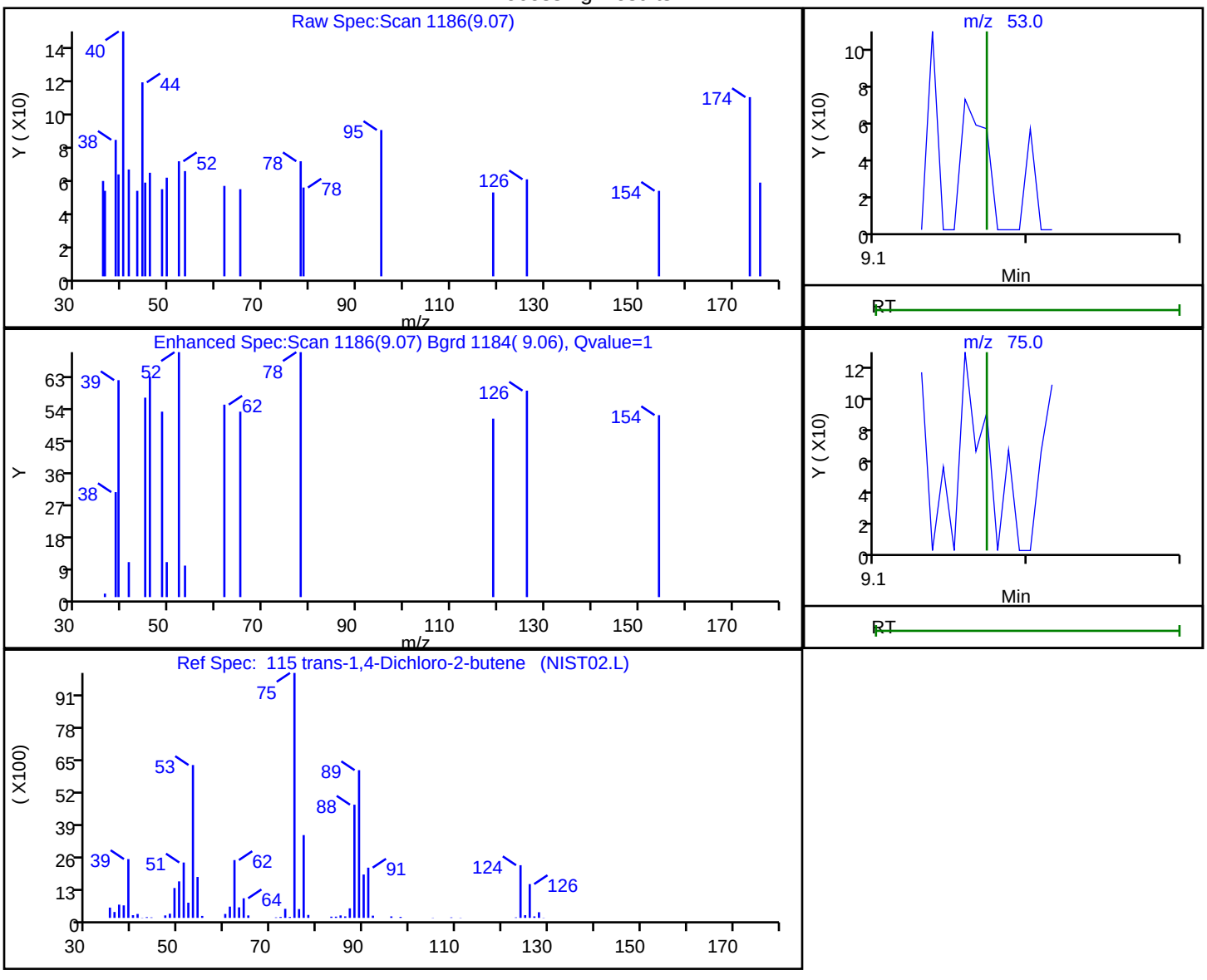
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.07	53.00	27	0.047191
9.08	75.00	233	

Reviewer: baronm, 09-Jul-2020 10:07:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

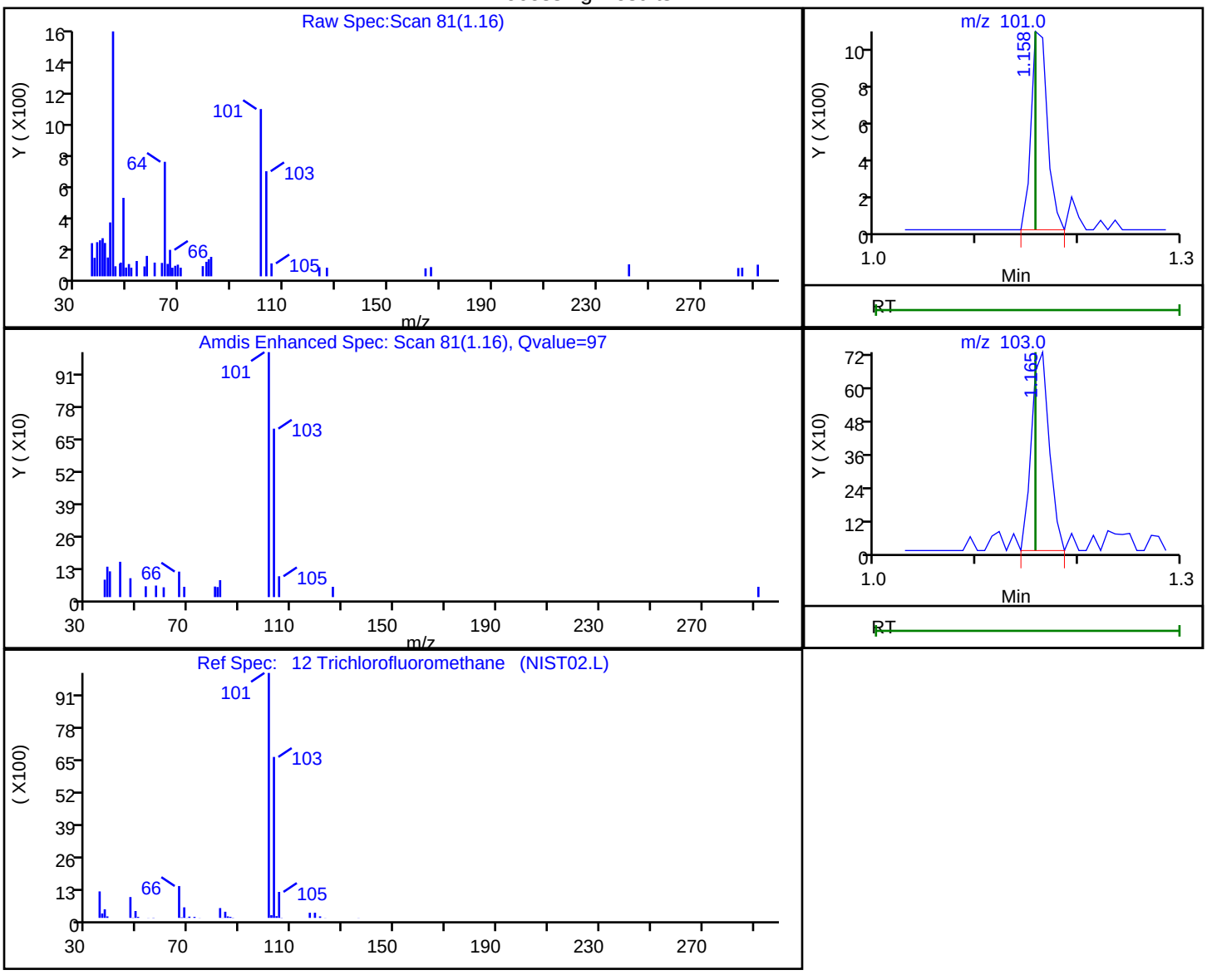
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.16	101.00	1171	0.231736
1.16	103.00	890	

Reviewer: baronm, 09-Jul-2020 10:04:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

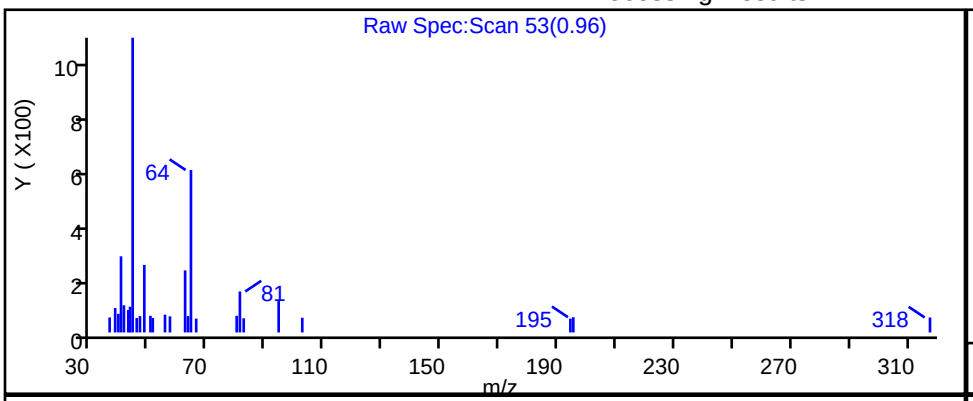
User Disabled Compound Report

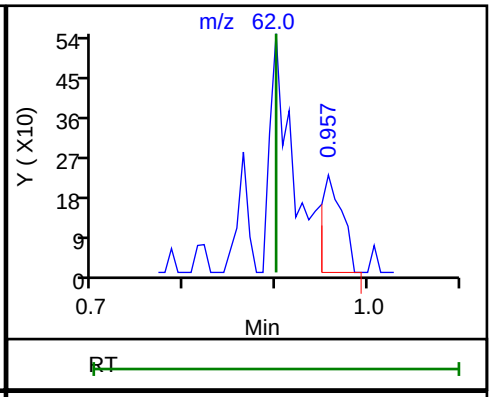
Eurofins TestAmerica, Edison

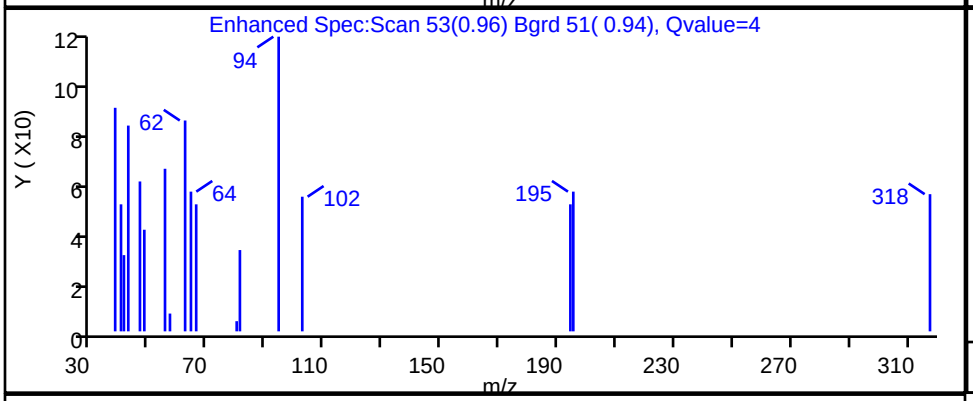
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

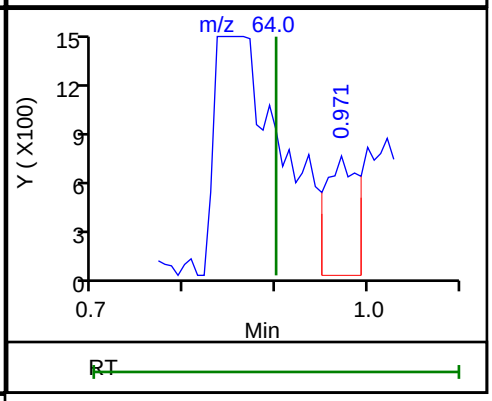
7 Vinyl chloride, CAS: 75-01-4

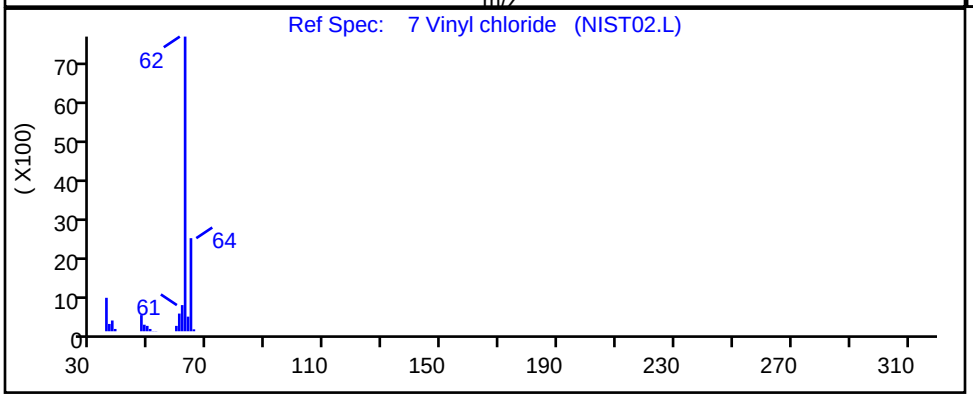
Processing Results











RT	Mass	Response	Amount
0.96	62.00	343	0.076729
0.97	64.00	1801	

Reviewer: baronm, 09-Jul-2020 10:03:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-Jul-2020 05:33:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0112940-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:43:09 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: starzecm Date: 09-Jul-2020 09:35:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	87	4087	5.00	4.69	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	67	1153	5.00	6.07	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	26993	5.00	5.81	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	95	8651	5.00	5.09	a
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	95	3409	5.00	5.29	a
7 Vinyl chloride	62	0.900	0.900	0.000	58	23206	5.00	5.31	M
6 Chloromethane	50	0.900	0.900	0.000	75	31846	5.00	5.45	
8 Butadiene	54	0.900	0.900	0.000	94	19782	5.00	5.05	
9 Bromomethane	94	1.043	1.043	0.000	99	7879	5.00	3.36	
10 Chloroethane	64	1.100	1.100	0.000	99	15511	5.00	4.86	
11 Pentane	72	1.158	1.158	0.000	96	7519	10.0	10.7	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	97	29115	5.00	5.21	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	98	35162	5.00	5.20	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	98	27398	5.00	4.80	
15 Ethyl ether	59	1.308	1.308	0.000	97	15584	5.00	5.09	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	81	21221	5.00	4.28	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	15638	5.00	4.81	
19 Carbon disulfide	76	1.416	1.415	0.001	100	57897	5.00	4.80	
16 Ethanol	46	1.416	1.415	0.001	25	3440	200.0	185.2	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	85	17220	5.00	5.27	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	24580	5.00	4.77	
22 Iodomethane	142	1.473	1.473	0.000	96	6839	5.00	1.74	
23 Cyclopentene	67	1.552	1.552	0.000	96	44474	5.00	4.92	
24 Acrolein	56	1.573	1.573	0.000	96	6876	20.0	20.3	
25 3-Chloro-1-propene	76	1.638	1.638	0.000	90	10360	5.00	5.11	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	8899	50.0	50.5	
27 Methylene Chloride	84	1.702	1.702	0.000	95	20870	5.00	5.30	
28 Acetone	43	1.724	1.731	-0.007	86	21685	25.0	25.3	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	18353	5.00	5.07	
30 Methyl acetate	43	1.795	1.795	0.000	99	20399	10.0	10.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	91	4489	5.00	5.37	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	96	45957	5.00	5.05	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	98	231289	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	14237	50.0	54.3	
35 Acetonitrile	41	1.989	1.989	0.000	99	18079	50.0	51.8	
36 Isopropyl ether	45	2.067	2.067	0.000	94	47446	5.00	4.90	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	13826	5.00	4.98	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	28478	5.00	5.06	
39 Acrylonitrile	53	2.168	2.168	0.000	93	45697	50.0	49.8	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	41514	5.00	4.68	
41 Vinyl acetate	43	2.297	2.297	0.000	99	53370	10.0	9.20	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	17131	5.00	5.18	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	92	18469	5.00	4.73	
44 Cyclohexane	56	2.597	2.597	0.000	92	25309	5.00	5.06	
45 Chlorobromomethane	128	2.605	2.605	0.000	90	8092	5.00	5.35	
46 Chloroform	83	2.662	2.662	0.000	98	28296	5.00	5.32	
47 Carbon tetrachloride	117	2.748	2.748	0.000	96	15969	5.00	4.81	
49 Methyl acrylate	55	2.769	2.762	0.007	72	9914	5.00	4.84	
48 Ethyl acetate	70	2.762	2.762	0.000	97	2955	10.0	9.93	
50 Tetrahydrofuran	42	2.769	2.769	0.000	92	9889	10.0	9.76	
$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	136439	50.0	50.8	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	21756	5.00	5.08	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	100	241436	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	96	7861	25.0	24.7	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	93	21892	5.00	5.05	a
56 Isooctane	57	2.970	2.970	0.000	97	38477	5.00	5.22	
58 Benzene	78	3.070	3.063	0.007	97	62674	5.00	5.08	
57 n-Heptane	57	3.063	3.063	0.000	93	9179	5.00	4.97	
59 Propionitrile	54	3.092	3.092	0.000	97	17715	50.0	48.1	
60 Methacrylonitrile	67	3.106	3.106	0.000	92	51325	50.0	49.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	159309	50.0	49.4	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	96	34393	5.00	4.64	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	96	19894	5.00	4.98	
64 Isobutyl alcohol	43	3.307	3.307	0.000	98	9400	125.0	109.3	
65 t-Amyl alcohol	59	3.378	3.371	0.007	86	6053	50.0	42.9	a
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	575055	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	97	21568	5.00	4.75	
68 Methylcyclohexane	83	3.529	3.521	0.008	95	23968	5.00	5.11	
69 Trichloroethene	130	3.550	3.550	0.000	96	16159	5.00	5.26	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	29733	5.00	4.56	
71 Dibromomethane	93	3.915	3.908	0.007	92	8809	5.00	5.08	
72 n-Butanol	56	3.944	3.930	0.014	91	4709	125.0	82.6	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	90	15206	5.00	5.00	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	18588	5.00	4.91	
74 Ethyl acrylate	55	4.094	4.080	0.014	75	9706	5.00	4.07	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	67	22031	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	91	5452	10.0	9.19	
78 1,4-Dioxane	88	4.281	4.281	0.000	39	3164	100.0	107.9	
79 n-Propyl acetate	43	4.438	4.431	0.007	98	11629	5.00	4.41	
80 2-Chloroethyl vinyl ether	63	4.703	4.696	0.007	32	665	5.01	1.85	
81 cis-1,3-Dichloropropene	75	4.718	4.710	0.008	95	19628	5.00	4.60	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	496544	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	62726	5.00	4.97	
84 Epichlorohydrin	57	4.997	4.983	0.014	97	8106	100.0	62.5	
85 2-Nitropropane	41	5.205	5.205	0.000	98	4169	10.0	7.79	
86 Tetrachloroethene	166	5.377	5.369	0.008	96	14425	5.00	4.89	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	47828	25.0	22.8	
88 trans-1,3-Dichloropropene	75	5.463	5.455	0.008	97	16839	5.00	4.46	
89 1,1,2-Trichloroethane	83	5.627	5.620	0.007	93	10448	5.00	5.22	
90 Ethyl methacrylate	69	5.721	5.713	0.007	90	12409	5.00	4.73	
91 Chlorodibromomethane	129	5.821	5.814	0.007	95	11482	5.00	4.75	
92 1,3-Dichloropropane	76	5.935	5.928	0.007	95	19948	5.00	4.87	
93 Ethylene Dibromide	107	6.071	6.057	0.014	97	10516	5.00	4.77	
94 n-Butyl acetate	43	6.422	6.415	0.007	96	13783	5.00	4.79	
95 2-Hexanone	43	6.480	6.473	0.007	96	32473	25.0	20.9	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	86	405394	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	39424	5.00	4.98	
98 Ethylbenzene	106	6.845	6.845	0.000	99	22001	5.00	5.02	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	91	11528	5.00	4.68	
100 m-Xylene & p-Xylene	106	7.067	7.060	0.007	0	25653	5.00	4.88	
101 o-Xylene	106	7.647	7.640	0.007	93	23640	5.00	4.83	
102 Bromoform	173	7.712	7.705	0.007	90	5622	5.00	4.44	
103 Styrene	104	7.740	7.733	0.007	94	38048	5.00	4.77	
104 n-Butyl acrylate	73	8.084	8.070	0.014	96	6225	5.00	4.44	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	64113	5.00	4.85	
106 Amyl acetate (mixed isomers)	43	8.493	8.478	0.015	41	16400	5.00	4.72	
$ 107 4-Bromofluorobenzene	174	8.493	8.493	0.000	91	167254	50.0	51.6	
108 Bromobenzene	156	8.600	8.600	0.000	96	17109	5.00	5.07	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	80141	5.00	5.08	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	13825	5.00	5.02	
111 2-Chlorotoluene	91	8.930	8.922	0.008	97	54970	5.00	4.99	
112 4-Ethyltoluene	105	8.951	8.944	0.007	98	64970	5.00	4.95	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	3978	5.00	5.13	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	94	52681	5.00	4.81	
115 trans-1,4-Dichloro-2-butene	53	9.209	9.173	0.036	54	1735	5.00	2.39	
116 4-Chlorotoluene	91	9.195	9.187	0.008	98	46486	5.00	4.73	
117 tert-Butylbenzene	119	9.567	9.560	0.007	94	44568	5.00	4.91	
118 1,2,4-Trimethylbenzene	105	9.703	9.696	0.007	98	52486	5.00	4.73	
119 Butyl Methacrylate	87	9.717	9.710	0.007	95	12363	5.00	4.40	
120 sec-Butylbenzene	105	9.854	9.854	0.000	98	68809	5.00	4.86	
121 1,3-Dichlorobenzene	146	10.126	10.111	0.015	95	31206	5.00	4.88	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	98	54513	5.00	4.72	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	220443	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	93	35091	5.00	5.01	
125 1,2,3-Trimethylbenzene	105	10.376	10.369	0.007	98	56346	5.00	4.83	
126 2,3-Dihydroindene	117	10.548	10.541	0.007	93	57031	5.00	4.92	
127 Benzyl chloride	126	10.735	10.727	0.008	94	2923	5.00	4.42	
128 p-Diethylbenzene	119	10.749	10.742	0.007	86	27421	5.00	4.65	
129 n-Butylbenzene	91	10.835	10.828	0.007	98	53877	5.00	4.90	
130 1,2-Dichlorobenzene	146	10.935	10.928	0.007	95	31381	5.00	4.89	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	98	48700	5.00	4.52	
132 1,2-Dibromo-3-Chloropropane	157	12.088	12.081	0.007	92	2304	5.00	4.53	
133 1,3,5-Trichlorobenzene	180	12.139	12.131	0.008	97	23131	5.00	4.72	
134 1,2,4-Trichlorobenzene	180	12.833	12.826	0.007	93	21503	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	8247	5.00	5.18	
136 Naphthalene	128	13.141	13.127	0.014	99	40378	5.00	4.67	
137 1,2,3-Trichlorobenzene	180	13.313	13.306	0.007	96	20926	5.00	5.21	
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 139 1,3-Dichloropropene, Total	100				0		10.0	9.07	
S 140 Xylenes, Total	100				0		10.0	9.71	
S 142 Total BTEX	1				0		25.0	24.8	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added:	10.00	Units: uL	
ACROLEIN W_00108	Amount Added:	4.00	Units: uL	
GASES Li_00376	Amount Added:	10.00	Units: uL	
524freon_00024	Amount Added:	10.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:43:11 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D

Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13 Operator ID:

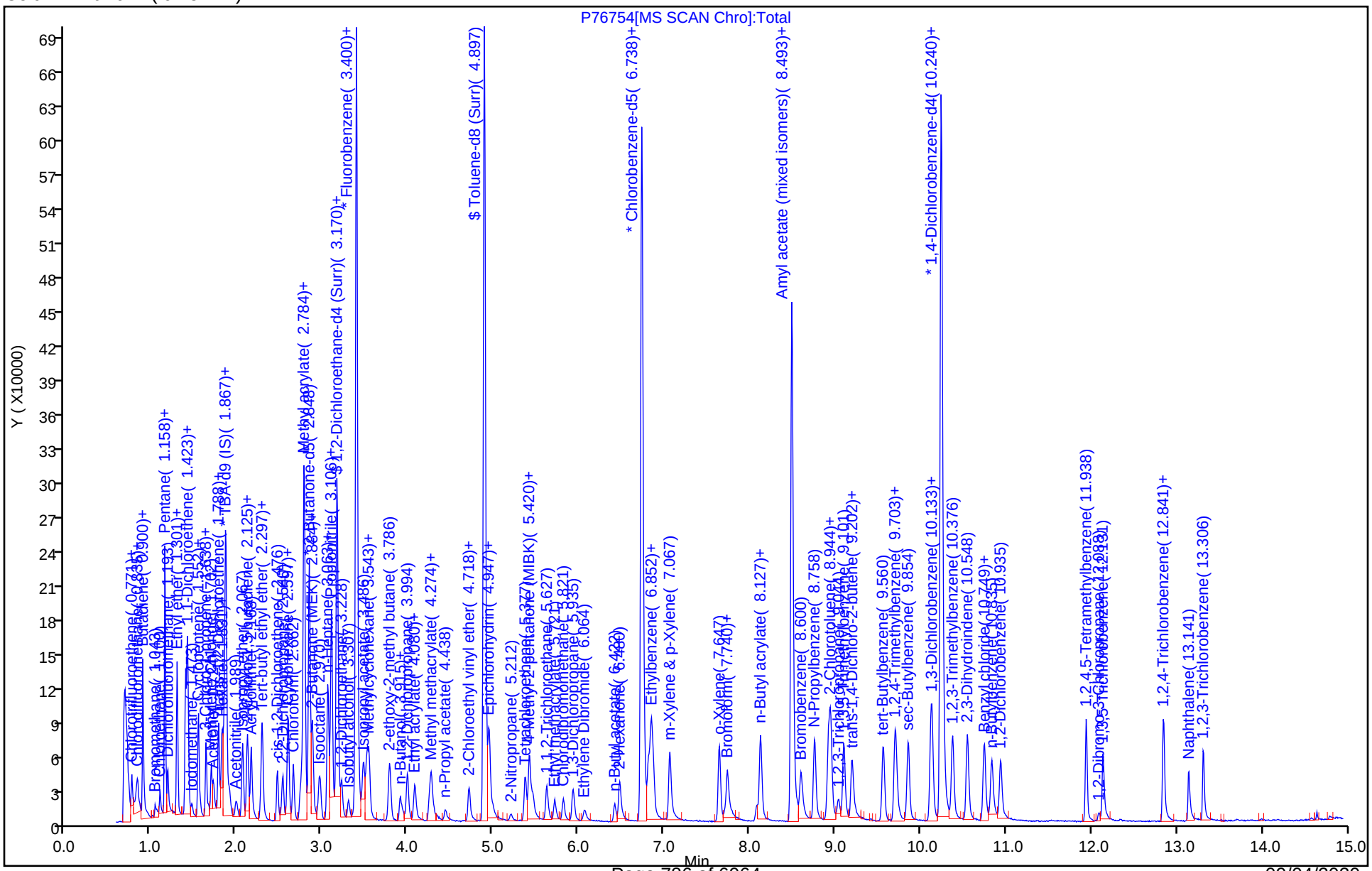
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

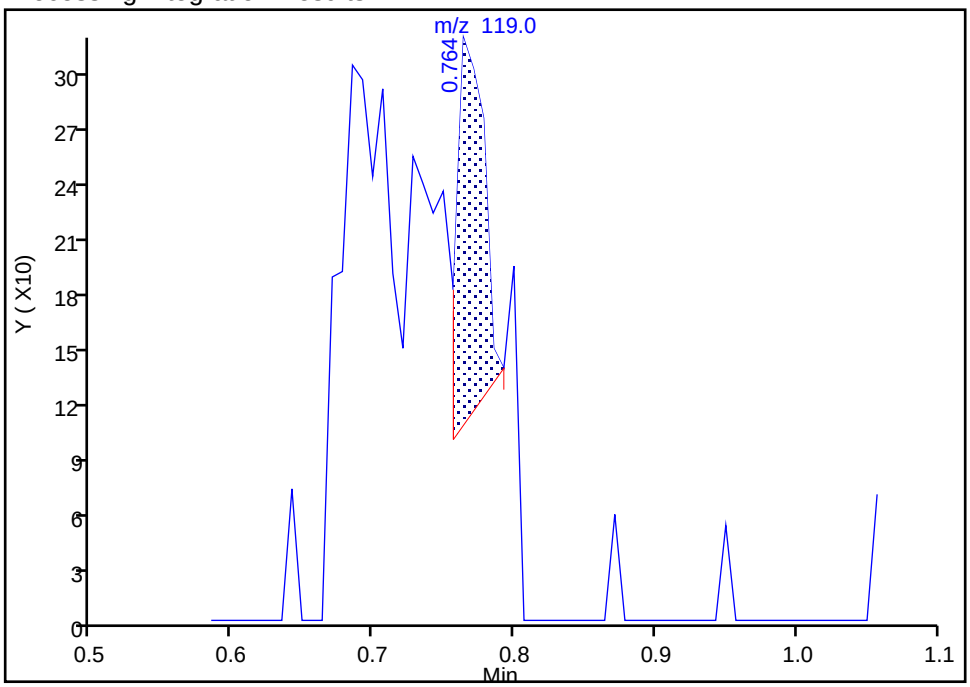
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

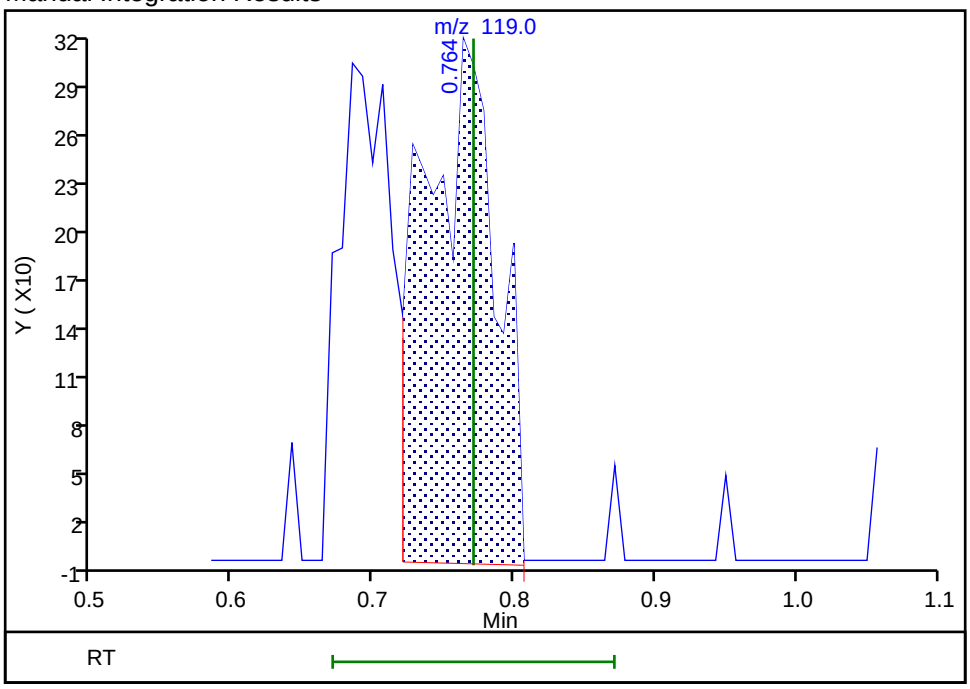
Processing Integration Results

RT: 0.76
Area: 281
Amount: 1.442590
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 1153
Amount: 6.074483
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:06:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

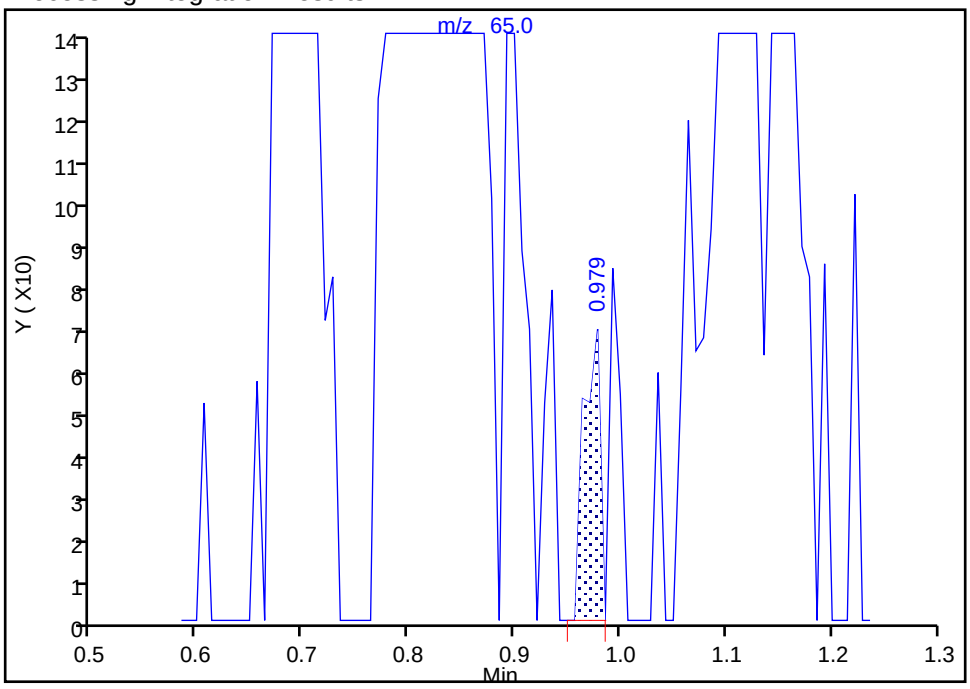
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

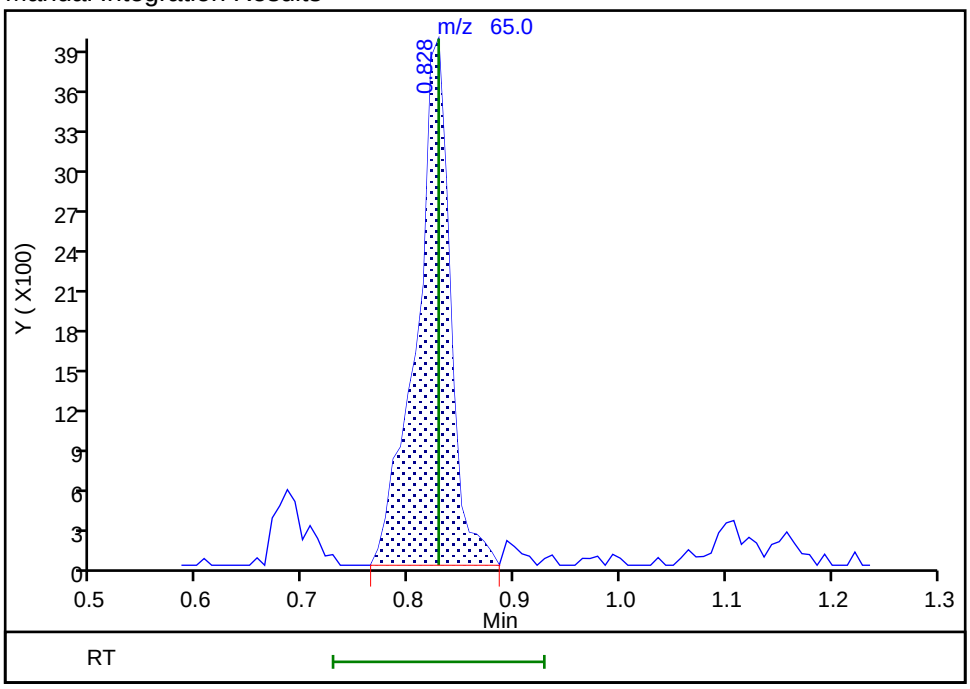
Processing Integration Results

RT: 0.98
Area: 72
Amount: 0.057887
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 8651
Amount: 5.092619
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:35:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

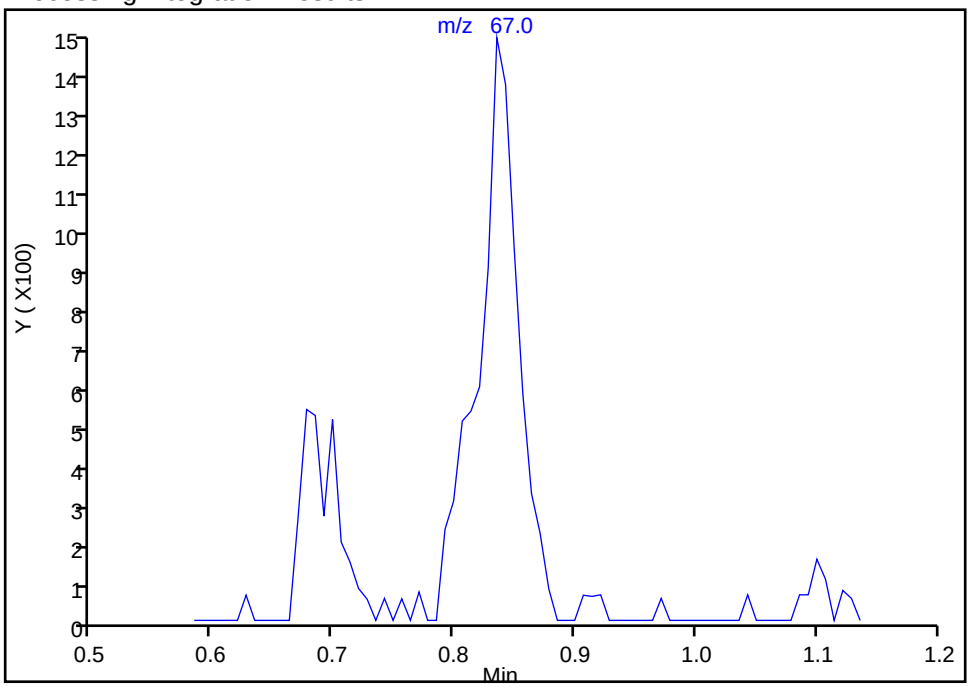
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

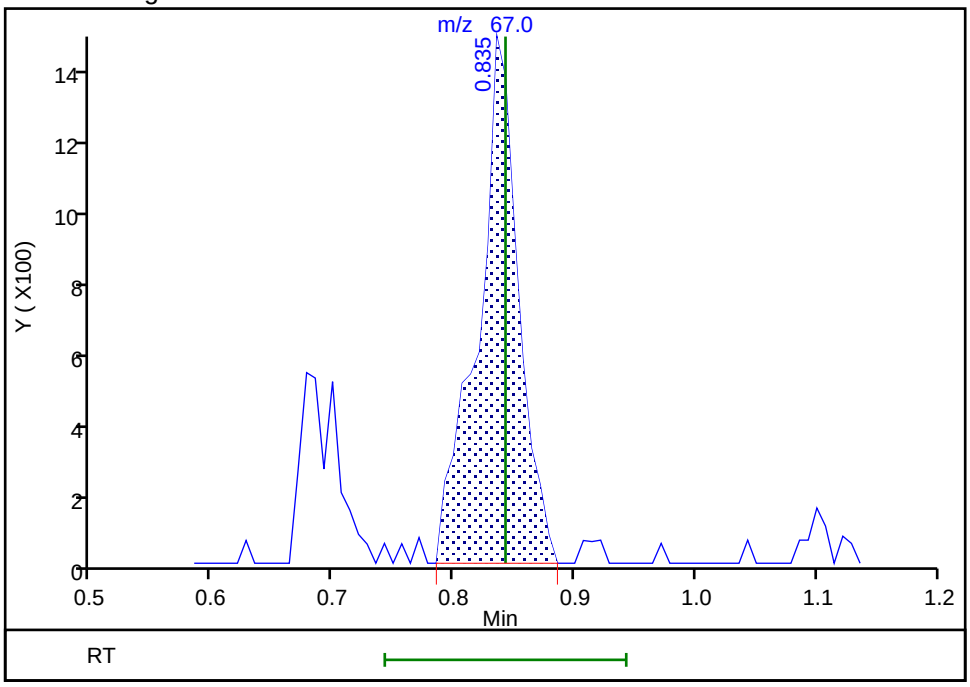
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 3409
Amount: 5.288320
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:34:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

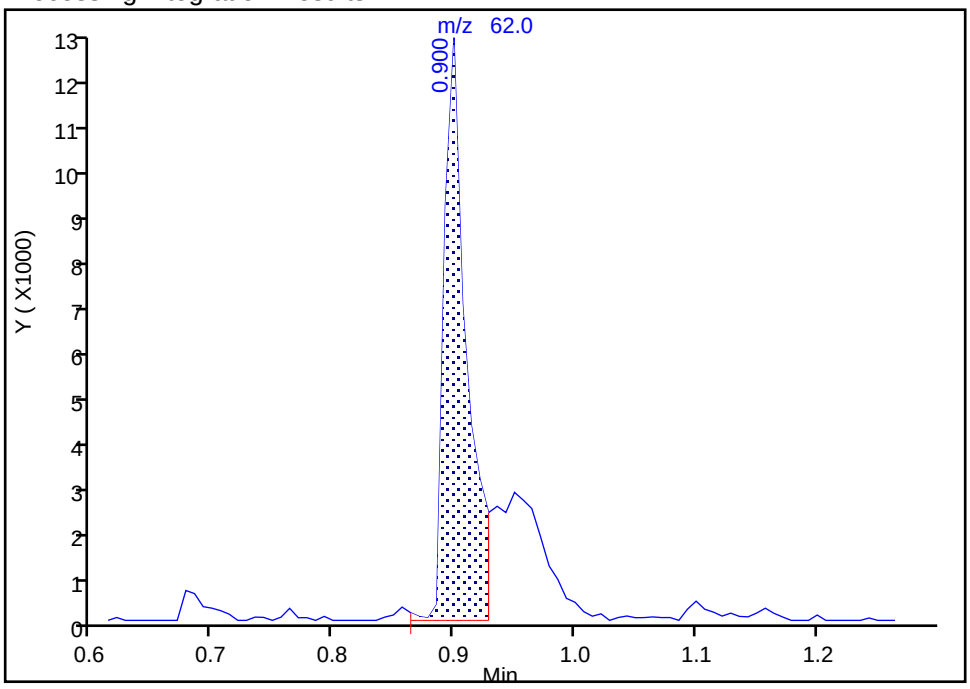
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

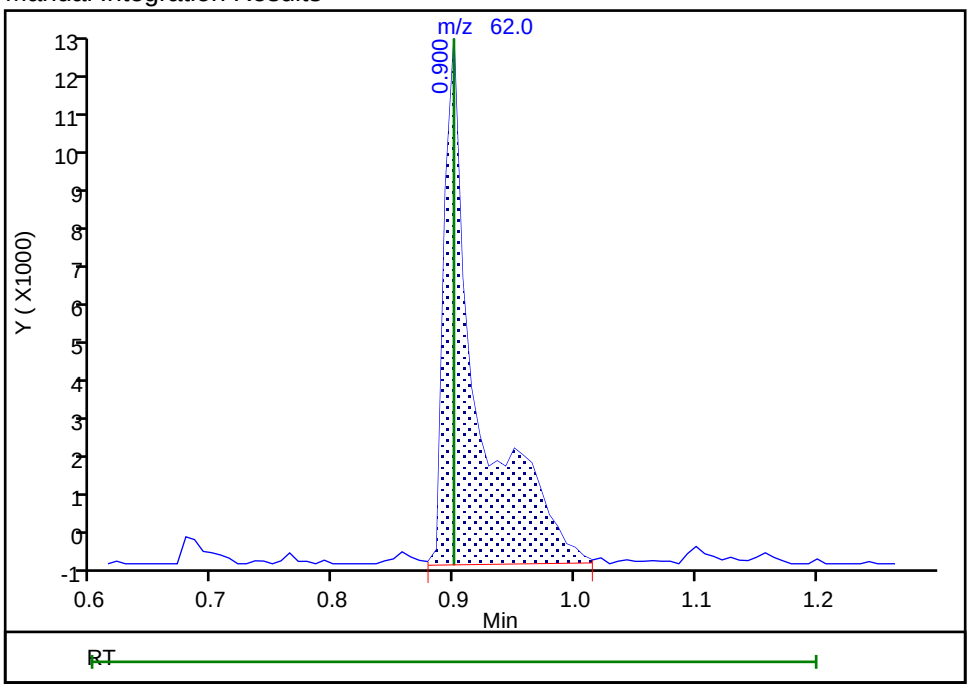
Processing Integration Results

RT: 0.90
Area: 15974
Amount: 3.365687
Amount Units: ug/l



Manual Integration Results

RT: 0.90
Area: 23206
Amount: 5.308124
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:09:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

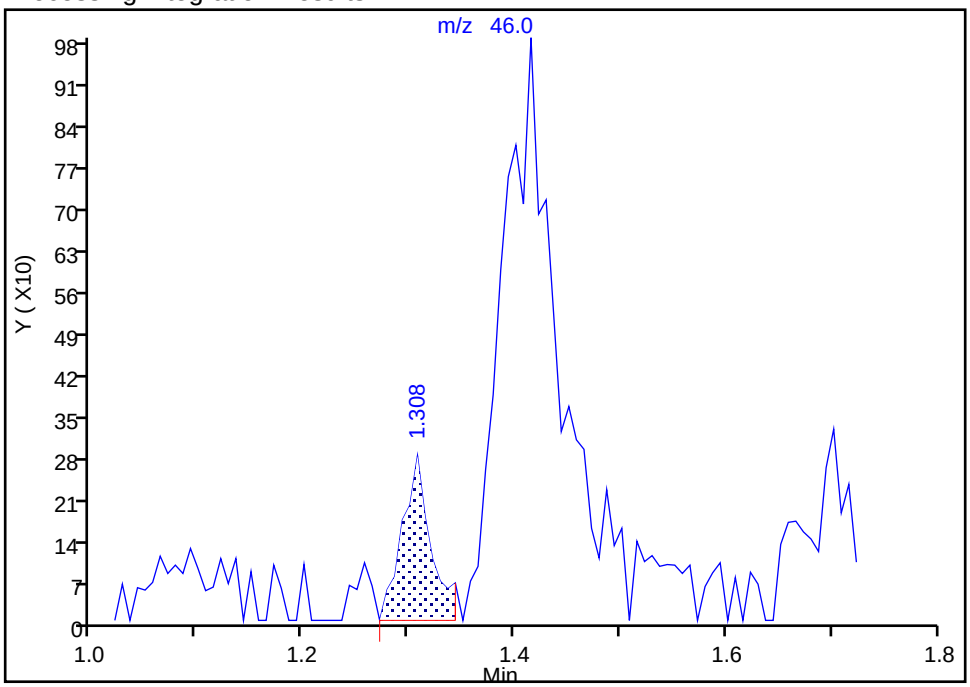
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

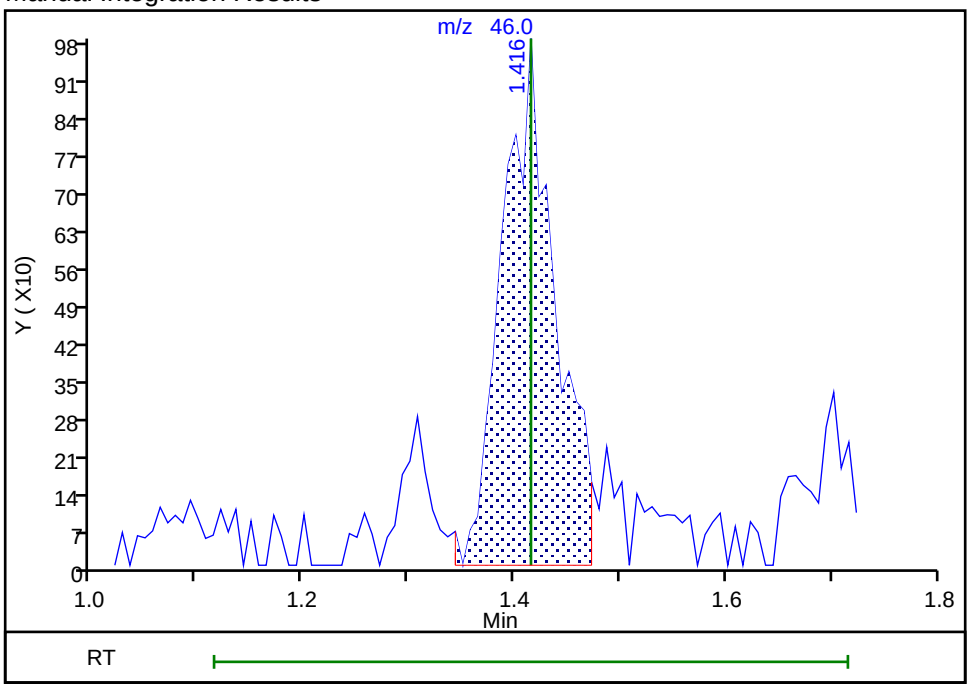
Processing Integration Results

RT: 1.31
Area: 527
Amount: 35.675158
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 3440
Amount: 185.1968
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:09:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

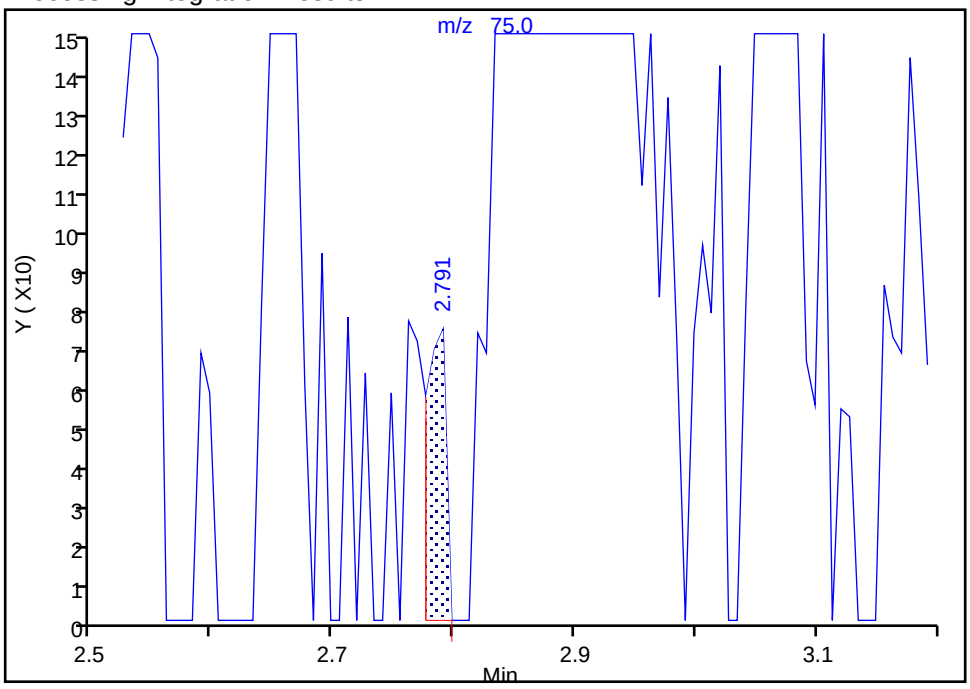
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

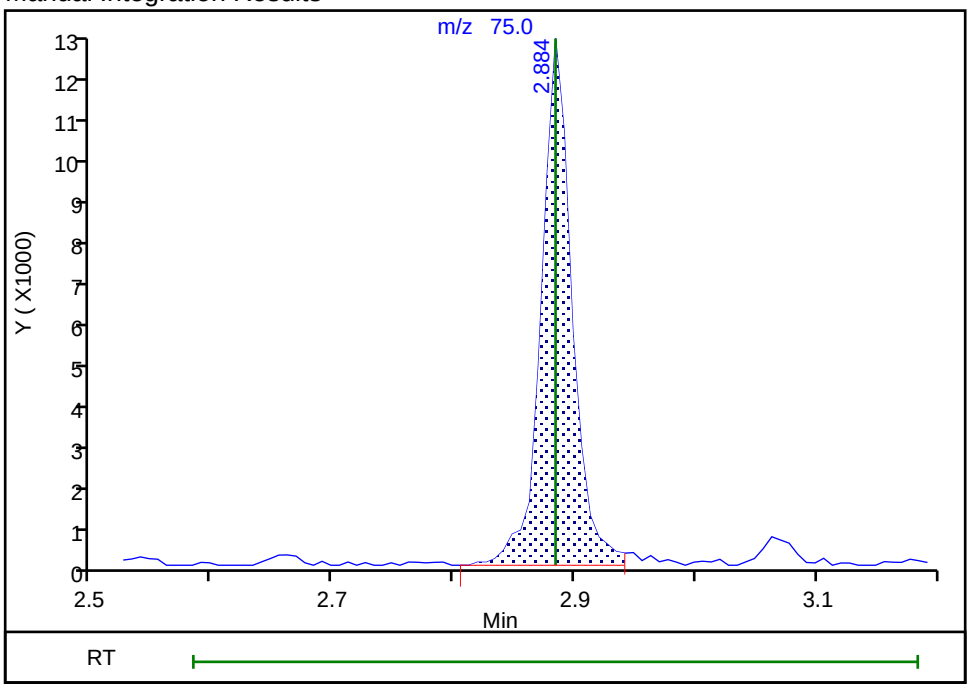
Processing Integration Results

RT: 2.79
Area: 85
Amount: 0.030156
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 21892
Amount: 5.051665
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:09:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 09-Jul-2020 05:59:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0112940-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:43:26 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: starzecm Date: 09-Jul-2020 09:32:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	18254	20.0	20.2	
1 Monochloropentafluoroethane	119	0.771	0.771	0.000	68	4759	20.0	24.2	Ma
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	100863	20.0	20.9	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	94	34157	20.0	19.4	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	13012	20.0	19.5	a
7 Vinyl chloride	62	0.900	0.900	0.000	95	89392	20.0	19.7	M
6 Chloromethane	50	0.900	0.900	0.000	99	115930	20.0	19.1	
8 Butadiene	54	0.900	0.900	0.000	95	83207	20.0	20.5	
9 Bromomethane	94	1.043	1.043	0.000	99	32803	20.0	13.3	
10 Chloroethane	64	1.100	1.100	0.000	100	78077	20.0	23.6	
11 Pentane	72	1.158	1.158	0.000	96	31155	40.0	42.5	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	97	124084	20.0	21.4	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	99	141519	20.0	20.2	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	116683	20.0	19.7	a
15 Ethyl ether	59	1.308	1.308	0.000	94	63153	20.0	19.9	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	63216	20.0	18.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	82	103350	20.0	20.1	
19 Carbon disulfide	76	1.415	1.415	0.000	100	232917	20.0	18.6	
16 Ethanol	46	1.415	1.415	0.000	25	12644	800.0	653.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	85	67314	20.0	19.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	101505	20.0	19.0	
22 Iodomethane	142	1.473	1.473	0.000	99	42142	20.0	10.4	M
23 Cyclopentene	67	1.552	1.552	0.000	97	182766	20.0	19.5	
24 Acrolein	56	1.573	1.573	0.000	95	13624	40.0	38.6	
25 3-Chloro-1-propene	76	1.638	1.638	0.000	90	40489	20.0	19.3	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	38505	200.0	209.7	
27 Methylene Chloride	84	1.702	1.702	0.000	95	81158	20.0	19.9	
28 Acetone	43	1.731	1.731	0.000	86	81656	100.0	90.1	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	96	69882	20.0	18.6	
30 Methyl acetate	43	1.795	1.795	0.000	100	82664	40.0	42.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	88	16785	20.0	19.4	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	94	191395	20.0	20.3	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	98	241100	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	54651	200.0	200.3	
35 Acetonitrile	41	1.989	1.989	0.000	99	72311	200.0	198.9	
36 Isopropyl ether	45	2.067	2.067	0.000	96	198190	20.0	19.8	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	54384	20.0	18.9	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	99	116262	20.0	19.9	
39 Acrylonitrile	53	2.168	2.168	0.000	93	195368	200.0	205.3	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	177567	20.0	19.3	
41 Vinyl acetate	43	2.297	2.297	0.000	100	241008	40.0	40.1	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	63489	20.0	18.5	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	95	79755	20.0	19.7	
44 Cyclohexane	56	2.597	2.597	0.000	94	102728	20.0	19.8	
45 Chlorobromomethane	128	2.605	2.605	0.000	90	32336	20.0	20.6	
46 Chloroform	83	2.662	2.662	0.000	98	107212	20.0	19.4	
47 Carbon tetrachloride	117	2.748	2.748	0.000	96	65776	20.0	19.1	
49 Methyl acrylate	55	2.762	2.762	0.000	52	43059	20.0	20.3	
48 Ethyl acetate	70	2.762	2.762	0.000	98	11704	40.0	37.2	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	39877	40.0	37.3	
$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	97	137859	50.0	49.5	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	87559	20.0	19.7	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	254900	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	97	31732	100.0	94.3	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	94	85782	20.0	19.1	
56 Isooctane	57	2.970	2.970	0.000	98	150312	20.0	19.7	
58 Benzene	78	3.063	3.063	0.000	96	256703	20.0	20.0	
57 n-Heptane	57	3.063	3.063	0.000	90	35561	20.0	18.6	
59 Propionitrile	54	3.092	3.092	0.000	93	72252	200.0	188.4	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	217139	200.0	200.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	166387	50.0	49.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	97	144066	20.0	18.8	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	80376	20.0	19.4	
64 Isobutyl alcohol	43	3.307	3.307	0.000	97	41718	500.0	465.4	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	88	25067	200.0	170.3	
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	595897	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	94028	20.0	20.0	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	92234	20.0	19.0	
69 Trichloroethene	130	3.550	3.550	0.000	98	61023	20.0	19.2	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	125791	20.0	18.6	
71 Dibromomethane	93	3.908	3.908	0.000	96	35611	20.0	19.8	
72 n-Butanol	56	3.930	3.930	0.000	93	24225	500.0	406.5	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	90	63808	20.0	20.2	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	75130	20.0	19.1	
74 Ethyl acrylate	55	4.080	4.080	0.000	99	53765	20.0	20.2	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	92	23586	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	89	24463	40.0	39.8	
78 1,4-Dioxane	88	4.281	4.281	0.000	37	11722	400.0	373.5	
79 n-Propyl acetate	43	4.431	4.431	0.000	98	60031	20.0	20.1	
80 2-Chloroethyl vinyl ether	63	4.696	4.696	0.000	90	3150	20.0	8.48	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	87216	20.0	19.6	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	513010	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	92	253243	20.0	19.3	
84 Epichlorohydrin	57	4.983	4.983	0.000	98	46672	400.0	340.7	
85 2-Nitropropane	41	5.205	5.205	0.000	100	19466	40.0	35.1	
86 Tetrachloroethene	166	5.369	5.369	0.000	97	59540	20.0	19.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	98	219384	100.0	98.9	
88 trans-1,3-Dichloropropene	75	5.455	5.455	0.000	98	77775	20.0	19.8	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	41567	20.0	19.9	
90 Ethyl methacrylate	69	5.713	5.713	0.000	89	60848	20.0	20.2	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	50459	20.0	20.0	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	87777	20.0	20.6	
93 Ethylene Dibromide	107	6.057	6.057	0.000	99	48667	20.0	21.2	
94 n-Butyl acetate	43	6.415	6.415	0.000	99	64369	20.0	19.8	
95 2-Hexanone	43	6.473	6.473	0.000	97	153754	100.0	93.3	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	422008	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	159559	20.0	19.4	
98 Ethylbenzene	106	6.845	6.845	0.000	99	88554	20.0	19.4	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	93	48669	20.0	19.0	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	105785	20.0	19.3	
101 o-Xylene	106	7.640	7.640	0.000	94	103945	20.0	20.4	
102 Bromoform	173	7.705	7.705	0.000	94	26830	20.0	19.1	
103 Styrene	104	7.733	7.733	0.000	95	168569	20.0	20.3	
104 n-Butyl acrylate	73	8.070	8.070	0.000	97	34008	20.0	20.2	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	276192	20.0	20.1	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	91	82415	20.0	19.9	
$ 107 4-Bromofluorobenzene	174	8.493	8.493	0.000	90	173964	50.0	51.5	
108 Bromobenzene	156	8.600	8.600	0.000	96	71752	20.0	19.7	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	337429	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	98	58604	20.0	19.7	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	228717	20.0	19.2	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	278872	20.0	19.6	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	17072	20.0	20.4	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	228368	20.0	19.3	
115 trans-1,4-Dichloro-2-butene	53	9.173	9.173	0.000	45	11927	20.0	15.1	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	209577	20.0	19.7	
117 tert-Butylbenzene	119	9.560	9.560	0.000	94	193910	20.0	19.8	
118 1,2,4-Trimethylbenzene	105	9.696	9.696	0.000	98	233031	20.0	19.4	
119 Butyl Methacrylate	87	9.710	9.710	0.000	96	66529	20.0	19.7	
120 sec-Butylbenzene	105	9.854	9.854	0.000	99	297039	20.0	19.4	
121 1,3-Dichlorobenzene	146	10.111	10.111	0.000	96	134558	20.0	19.5	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	245666	20.0	19.7	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	238228	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	94	143873	20.0	19.0	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	245455	20.0	19.5	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	247343	20.0	19.7	
127 Benzyl chloride	126	10.727	10.727	0.000	97	15569	20.0	19.0	
128 p-Diethylbenzene	119	10.742	10.742	0.000	93	122626	20.0	19.3	
129 n-Butylbenzene	91	10.828	10.828	0.000	99	226033	20.0	19.0	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	134524	20.0	19.4	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	231706	20.0	19.9	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	91	11564	20.0	21.1	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	102998	20.0	19.4	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	92866	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	94	33445	20.0	19.4	
136 Naphthalene	128	13.127	13.127	0.000	99	199924	20.0	21.4	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	95	85825	20.0	19.8	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.4	
S 140 Xylenes, Total	100				0		40.0	39.7	
S 142 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added:	20.00	Units: uL	
ACROLEIN W_00108	Amount Added:	4.00	Units: uL	
GASES Li_00376	Amount Added:	20.00	Units: uL	
524freon_00024	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:43:31 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D

Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13 Operator ID:

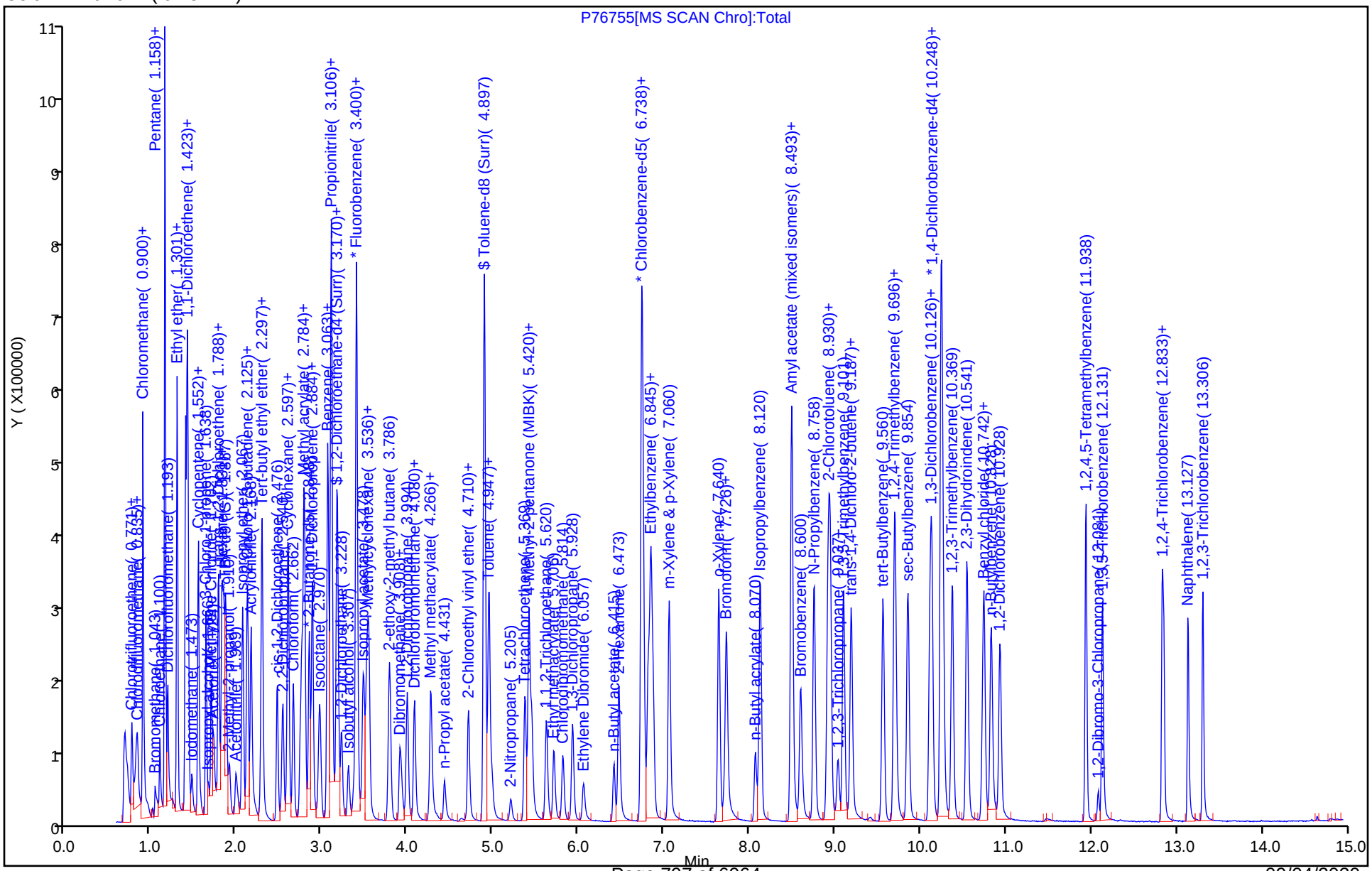
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

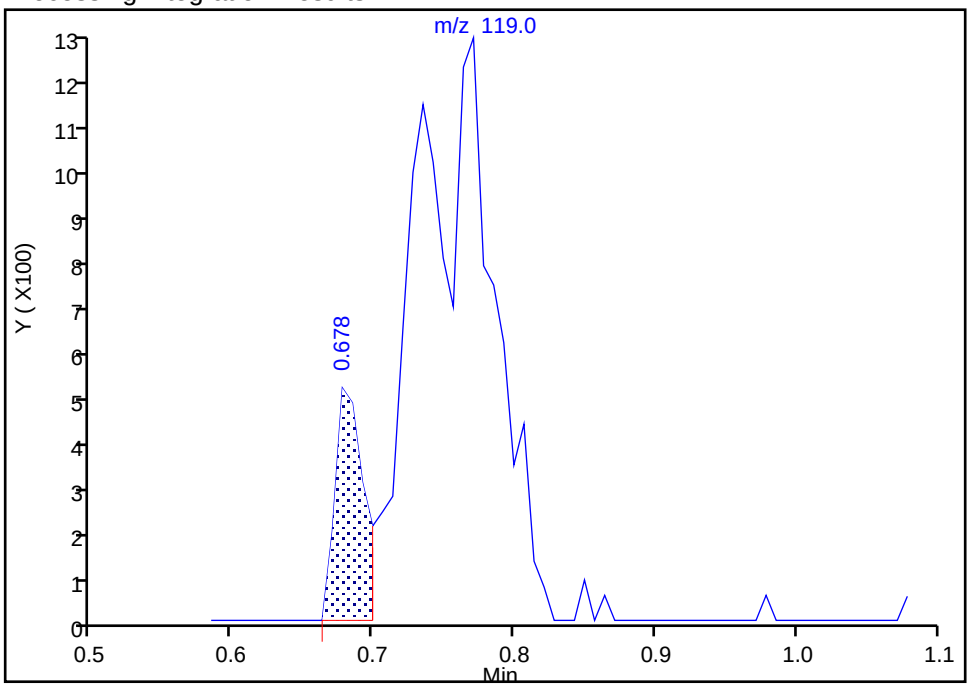
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

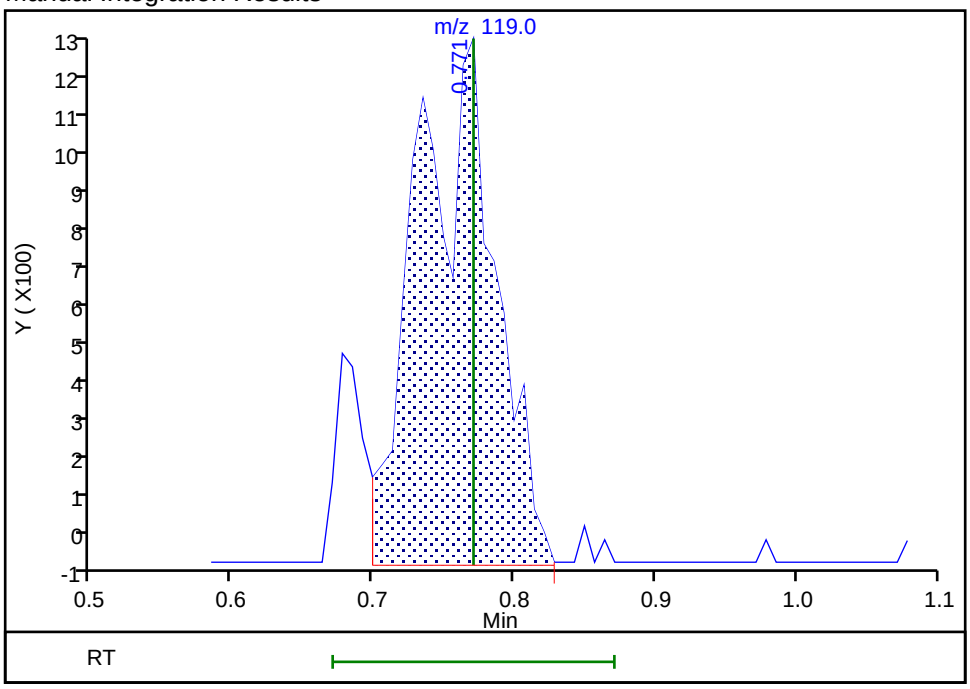
Processing Integration Results

RT: 0.68
Area: 689
Amount: 4.131603
Amount Units: ug/l



Manual Integration Results

RT: 0.77
Area: 4759
Amount: 24.195460
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:06:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

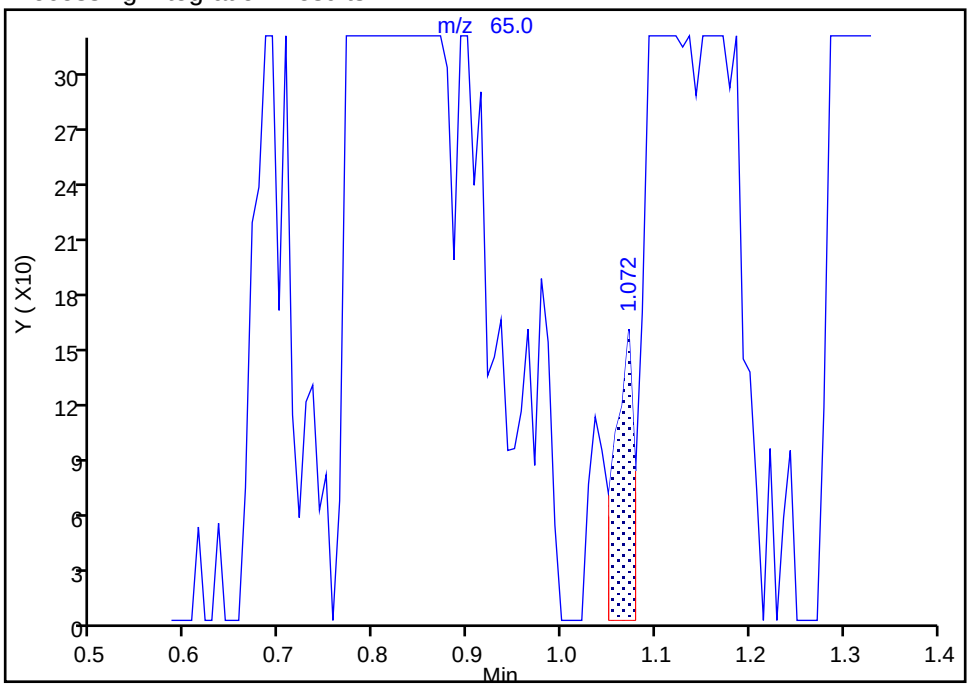
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

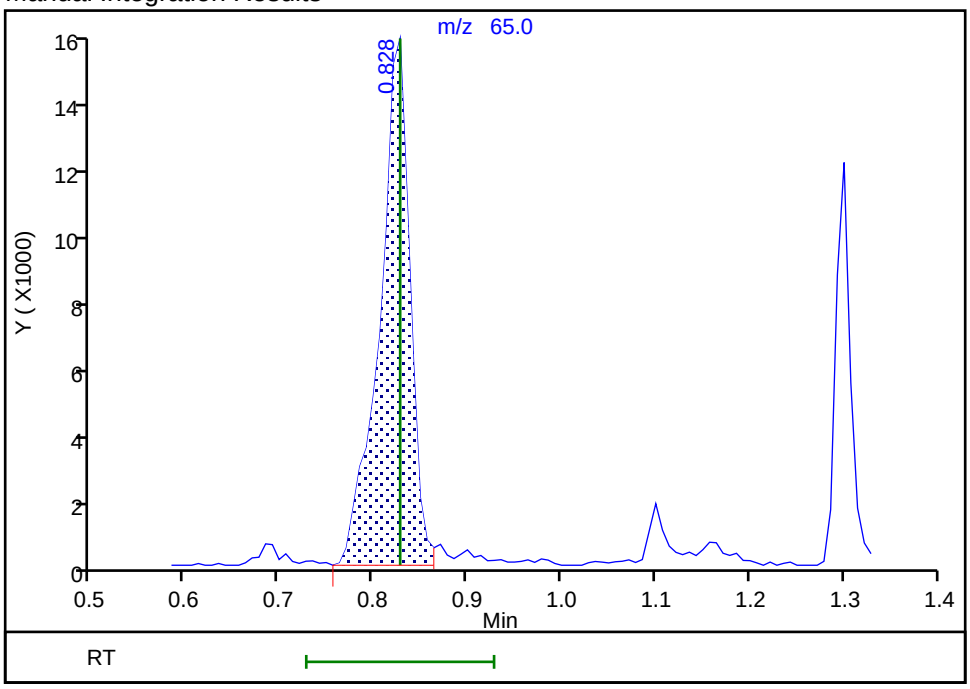
Processing Integration Results

RT: 1.07
Area: 223
Amount: 0.302647
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 34157
Amount: 19.404067
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:32:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

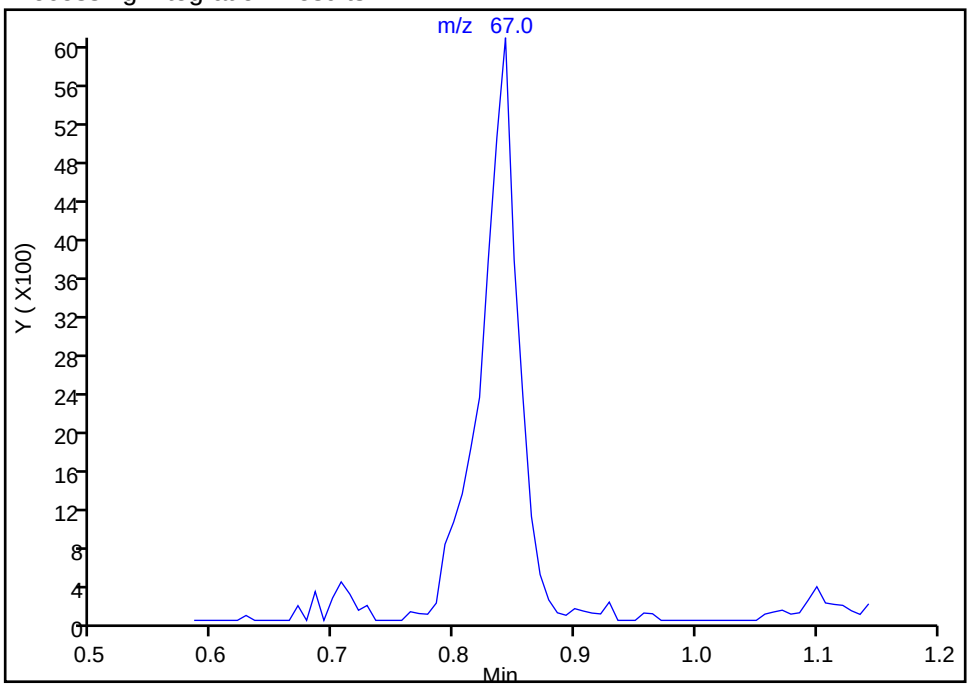
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

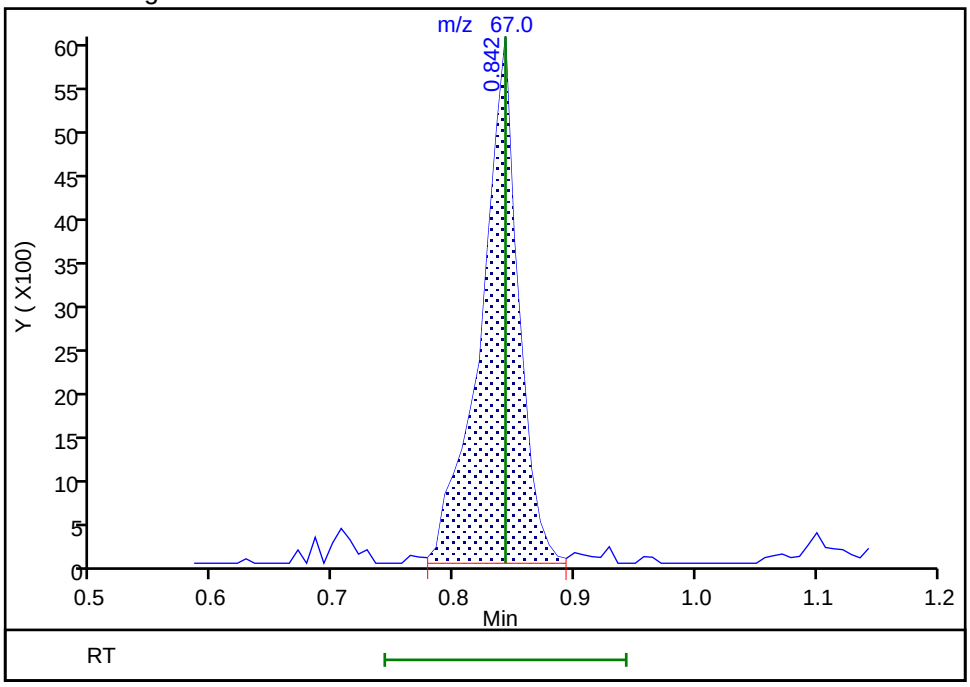
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 13012
Amount: 19.479283
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:32:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

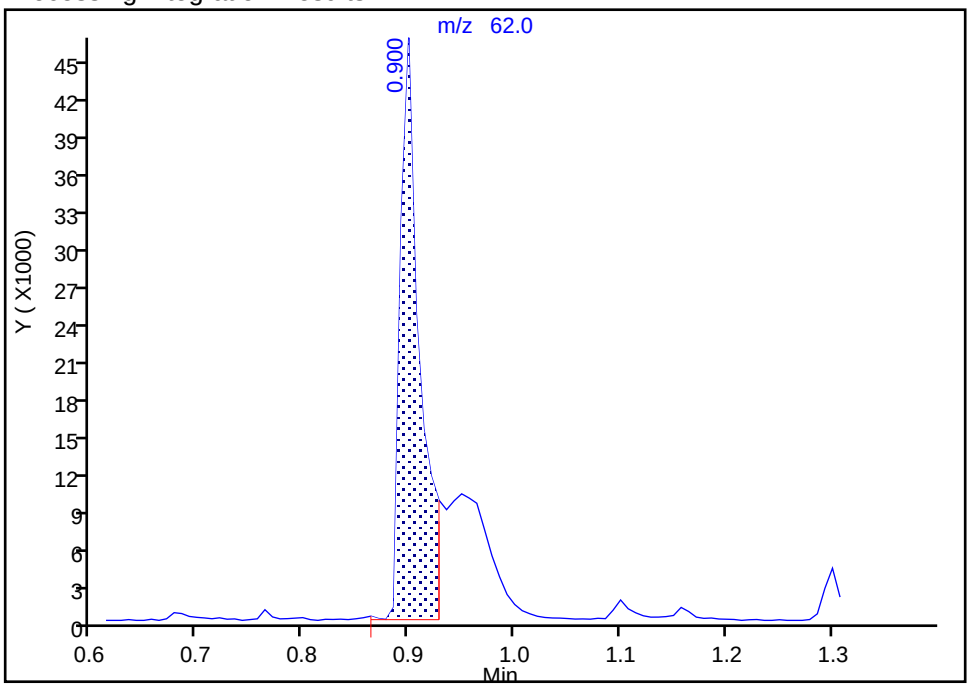
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

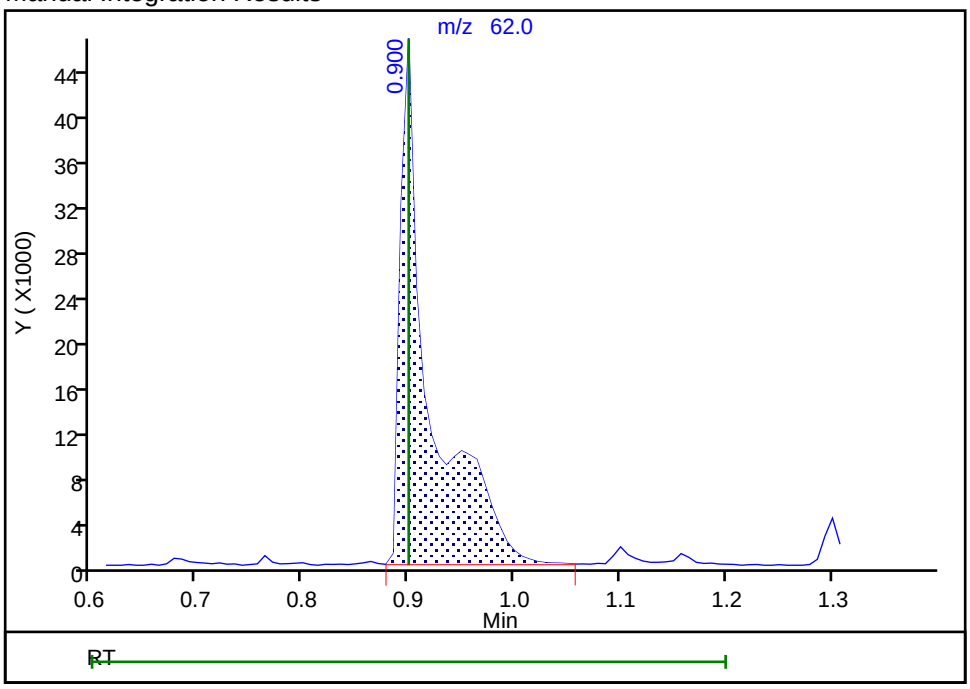
Processing Integration Results

RT: 0.90
Area: 60188
Amount: 12.340852
Amount Units: ug/l



Manual Integration Results

RT: 0.90
Area: 89392
Amount: 19.732297
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:11:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

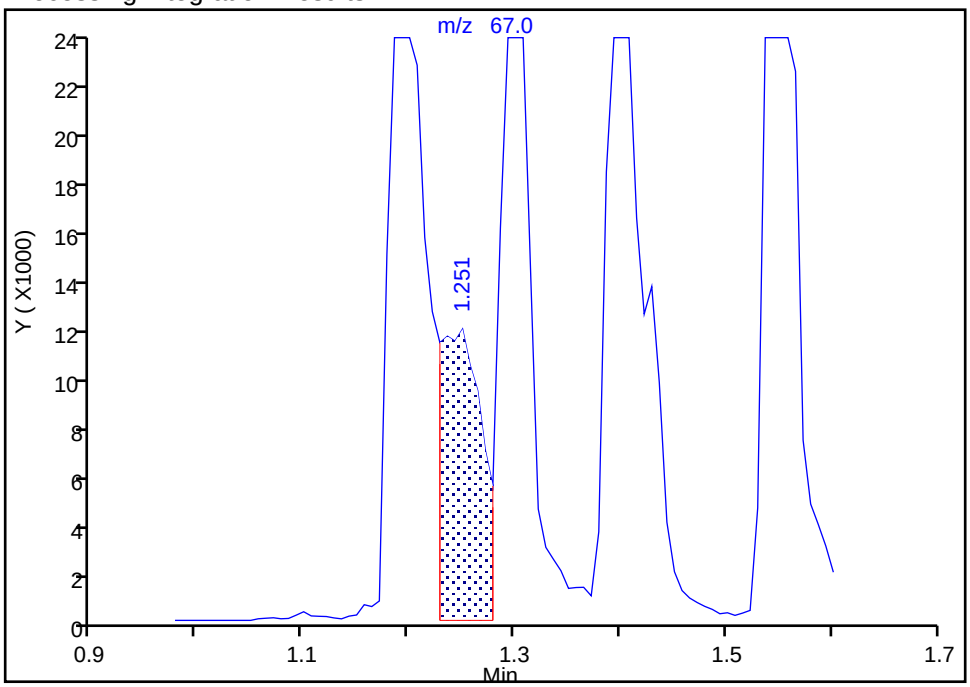
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

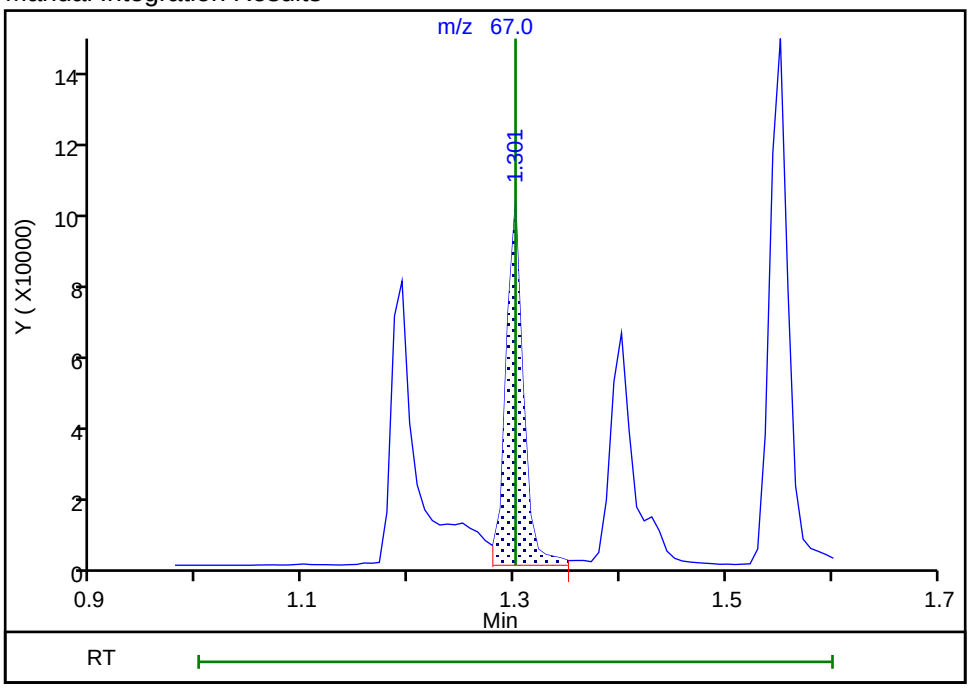
Processing Integration Results

RT: 1.25
Area: 33516
Amount: 5.967561
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 116683
Amount: 19.734228
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:32:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

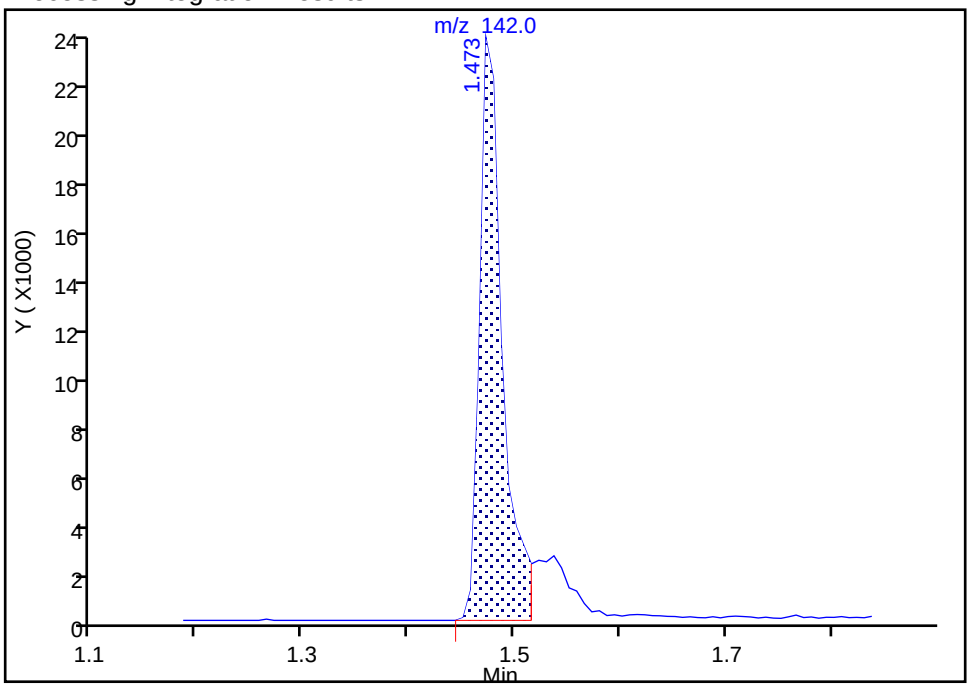
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

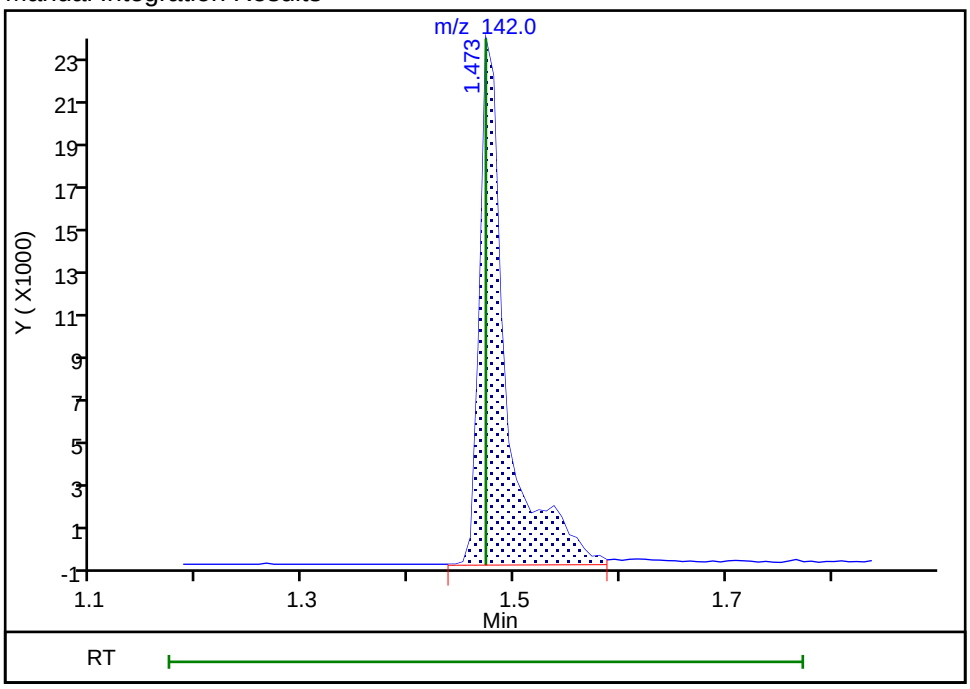
Processing Integration Results

RT: 1.47
Area: 35898
Amount: 11.549856
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 42142
Amount: 10.363655
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:11:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

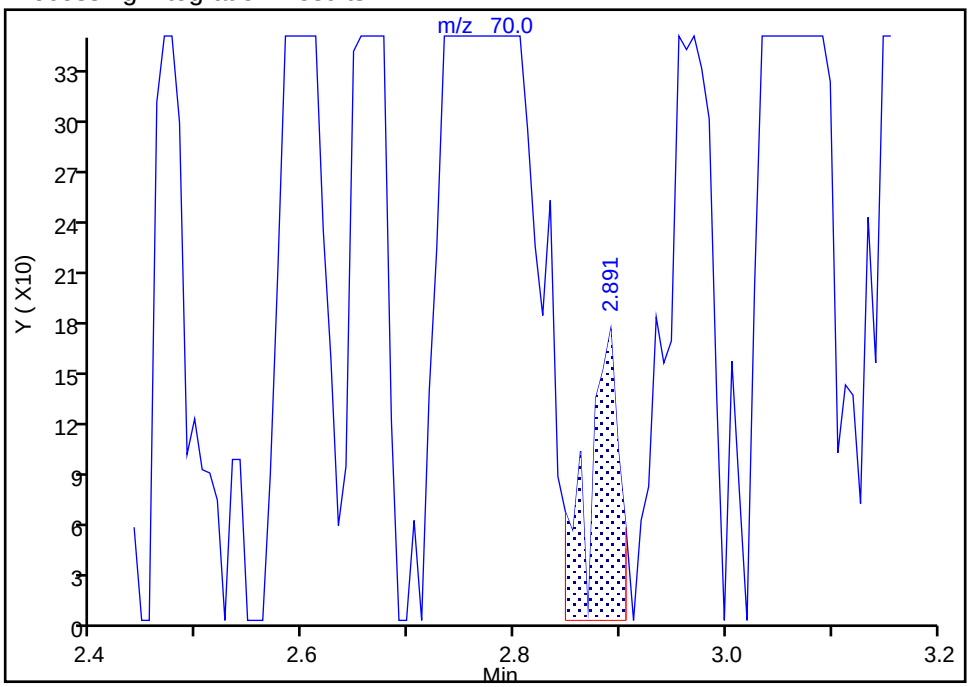
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

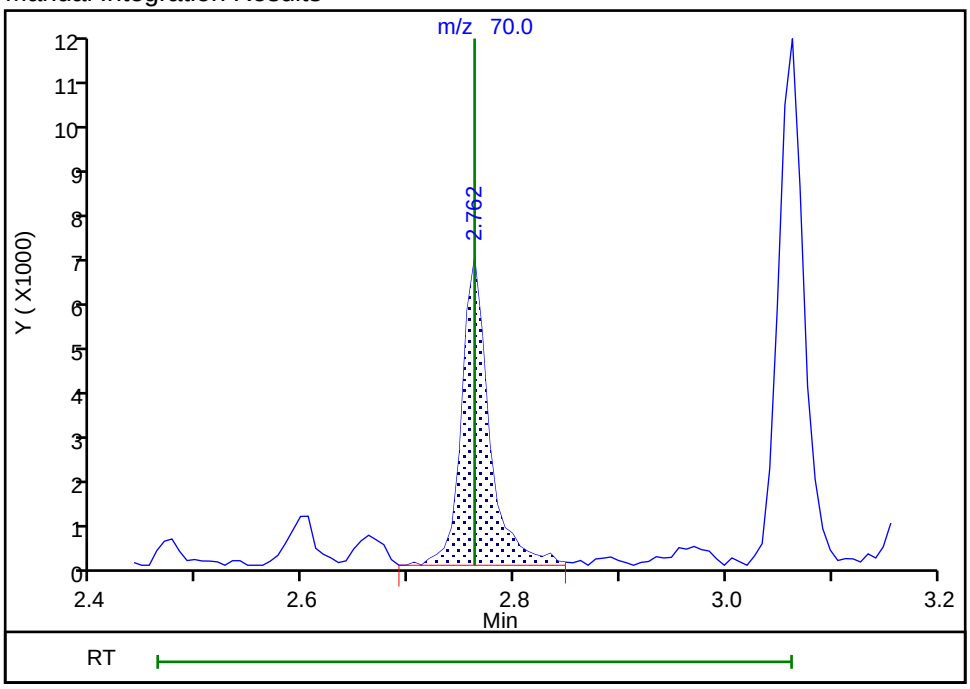
Processing Integration Results

RT: 2.89
Area: 353
Amount: 3.254891
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 11704
Amount: 37.245083
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:12:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

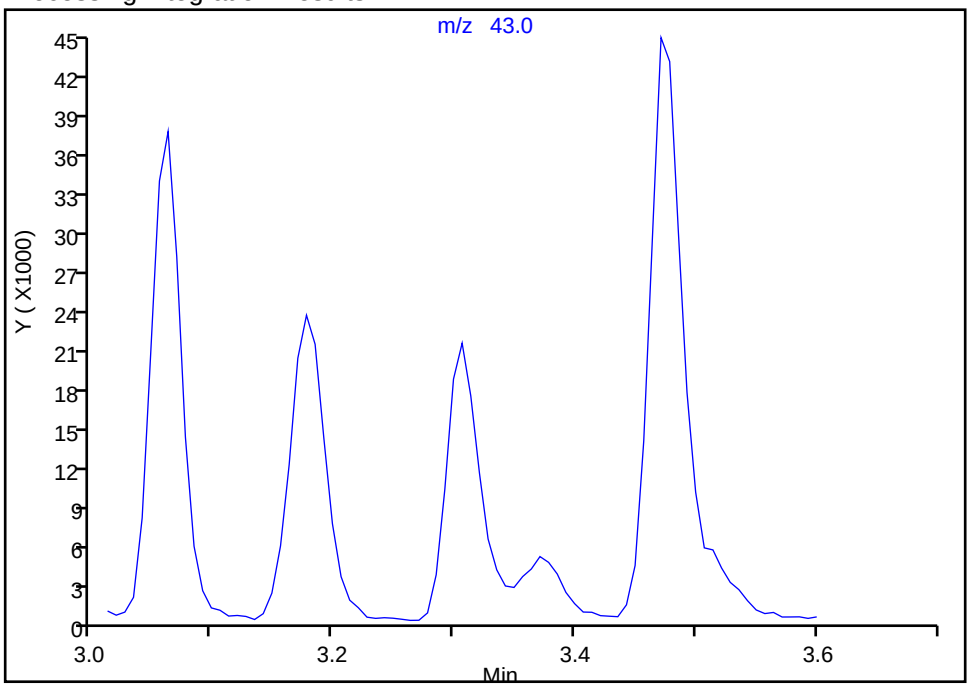
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

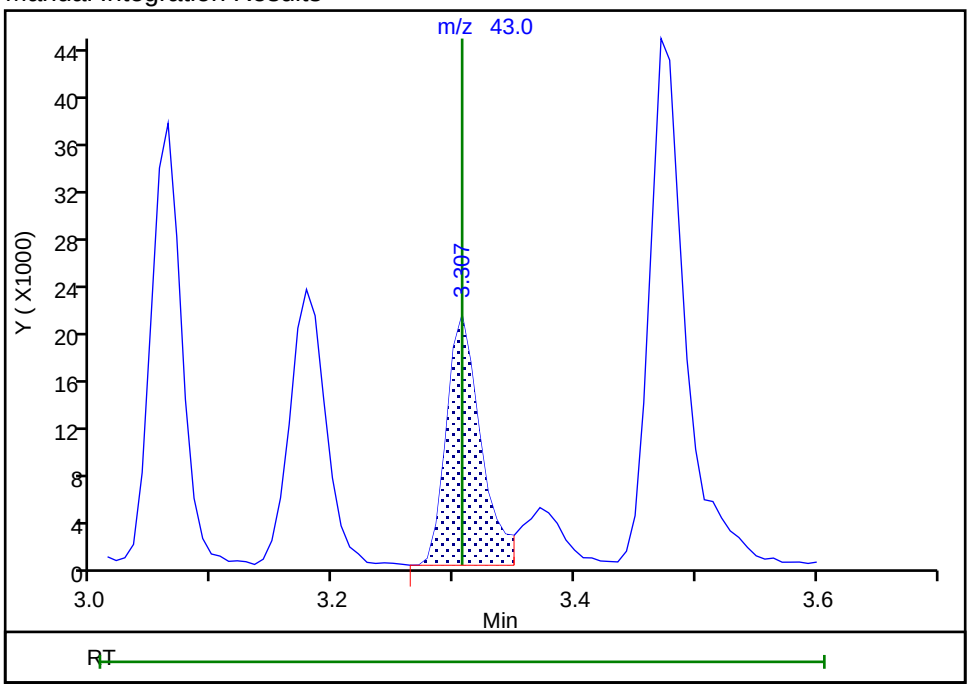
Not Detected
Expected RT: 3.31

Processing Integration Results



Manual Integration Results

RT: 3.31
Area: 41718
Amount: 465.3713
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:31:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 09-Jul-2020 06:26:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0112940-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:43:46 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: starzecm Date: 09-Jul-2020 09:33:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	41703	50.0	43.3	
1 Monochloropentafluoroethane	119	0.771	0.771	0.000	74	9778	50.0	46.6	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	240897	50.0	46.9	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	98	86439	50.0	46.0	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	97	32721	50.0	45.9	a
7 Vinyl chloride	62	0.900	0.900	0.000	98	231960	50.0	48.0	M
6 Chloromethane	50	0.900	0.900	0.000	99	311761	50.0	48.3	
8 Butadiene	54	0.900	0.900	0.000	94	208727	50.0	48.2	
9 Bromomethane	94	1.043	1.043	0.000	99	89207	50.0	35.7	
10 Chloroethane	64	1.100	1.100	0.000	100	181764	50.0	51.5	
11 Pentane	72	1.158	1.158	0.000	96	76767	100.0	101.0	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	78	327025	50.0	52.9	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	390146	50.0	52.2	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	322121	50.0	51.1	
15 Ethyl ether	59	1.308	1.308	0.000	94	169703	50.0	50.1	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	81	265989	50.0	48.5	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	99	172686	50.0	48.0	
19 Carbon disulfide	76	1.415	1.415	0.000	100	633042	50.0	47.5	
16 Ethanol	46	1.415	1.415	0.000	27	39163	2000.0	1950.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	87	164736	50.0	45.6	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	265441	50.0	46.6	
22 Iodomethane	142	1.473	1.473	0.000	98	150049	50.0	34.7	M
23 Cyclopentene	67	1.544	1.552	-0.008	97	477023	50.0	47.7	
24 Acrolein	56	1.573	1.573	0.000	96	35494	100.0	96.9	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	90	110168	50.0	49.2	
26 Isopropyl alcohol	45	1.673	1.666	0.007	97	94937	500.0	498.8	
27 Methylene Chloride	84	1.702	1.702	0.000	94	206890	50.0	47.5	
28 Acetone	43	1.731	1.731	0.000	85	197662	250.0	213.5	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	97	184981	50.0	46.2	
30 Methyl acetate	43	1.795	1.795	0.000	100	217944	100.0	107.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	90	42991	50.0	46.6	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	94	501216	50.0	49.8	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	249888	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	139016	500.0	492.7	
35 Acetonitrile	41	1.988	1.989	-0.001	99	183048	500.0	485.8	
36 Isopropyl ether	45	2.067	2.067	0.000	95	537744	50.0	50.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	144909	50.0	47.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	297078	50.0	47.8	
39 Acrylonitrile	53	2.168	2.168	0.000	93	495928	500.0	488.6	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	487287	50.0	49.7	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	633567	100.0	98.8	
42 cis-1,2-Dichloroethene	96	2.468	2.476	-0.008	98	175607	50.0	48.1	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	96	204731	50.0	47.5	
44 Cyclohexane	56	2.597	2.597	0.000	92	254593	50.0	46.1	
45 Chlorobromomethane	128	2.604	2.605	-0.001	92	82889	50.0	49.6	
46 Chloroform	83	2.662	2.662	0.000	98	279795	50.0	47.6	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	177079	50.0	48.2	
49 Methyl acrylate	55	2.762	2.762	0.000	60	118600	50.0	52.4	
48 Ethyl acetate	70	2.762	2.762	0.000	97	30231	100.0	94.1	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	103799	100.0	95.0	
$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	142358	50.0	47.9	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	230098	50.0	48.6	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	100	260566	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	99	83469	250.0	242.6	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	94	226309	50.0	47.2	
56 Isooctane	57	2.970	2.970	0.000	98	365296	50.0	44.8	
58 Benzene	78	3.063	3.063	0.000	97	675339	50.0	49.8	
57 n-Heptane	57	3.063	3.063	0.000	90	90003	50.0	44.1	
59 Propionitrile	54	3.092	3.092	0.000	92	182440	500.0	459.0	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	585995	500.0	506.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	166791	50.0	46.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	413821	50.0	50.5	
63 1,2-Dichloroethane	62	3.221	3.228	-0.008	97	209063	50.0	47.3	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	115174	1250.0	1239.6	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	92	72180	500.0	473.1	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	635615	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	266567	50.0	53.1	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	244206	50.0	47.1	
69 Trichloroethene	130	3.543	3.550	-0.007	97	165675	50.0	48.8	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	360722	50.0	50.0	
71 Dibromomethane	93	3.901	3.908	-0.007	97	94428	50.0	49.3	
72 n-Butanol	56	3.922	3.930	-0.008	93	69085	1250.0	1110.8	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	88	168644	50.0	50.1	
75 Dichlorobromomethane	83	4.073	4.080	-0.007	99	208685	50.0	49.8	
74 Ethyl acrylate	55	4.073	4.080	-0.007	77	160249	50.0	54.5	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	72	24005	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	90	71093	100.0	108.4	
78 1,4-Dioxane	88	4.281	4.281	0.000	95	29996	1000.0	939.1	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	173895	50.0	53.0	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	96	13488	50.1	34.0	
81 cis-1,3-Dichloropropene	75	4.703	4.710	-0.007	96	247910	50.0	52.9	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	548701	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.947	4.954	-0.007	93	689416	50.0	49.7	
84 Epichlorohydrin	57	4.983	4.983	0.000	99	149274	1000.0	1065.8	
85 2-Nitropropane	41	5.205	5.205	0.000	99	59466	100.0	100.5	
86 Tetrachloroethene	166	5.369	5.369	0.000	98	163236	50.0	50.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	96	604856	250.0	266.9	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	96	223621	50.0	54.0	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	113366	50.0	51.5	
90 Ethyl methacrylate	69	5.706	5.713	-0.007	89	166545	50.0	50.7	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	143046	50.0	53.9	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	238154	50.0	53.0	
93 Ethylene Dibromide	107	6.050	6.057	-0.007	97	136045	50.0	56.2	
94 n-Butyl acetate	43	6.408	6.415	-0.007	98	176576	50.0	50.5	
95 2-Hexanone	43	6.465	6.473	-0.008	97	415314	250.0	245.5	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	445237	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	419539	50.0	48.3	
98 Ethylbenzene	106	6.845	6.845	0.000	99	235614	50.0	49.0	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	142631	50.0	52.7	
100 m-Xylene & p-Xylene	106	7.053	7.060	-0.007	0	295638	50.0	51.2	
101 o-Xylene	106	7.640	7.640	0.000	94	279851	50.0	52.0	
102 Bromoform	173	7.705	7.705	0.000	94	81630	50.0	53.3	
103 Styrene	104	7.726	7.733	-0.007	95	472593	50.0	53.9	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	97	96252	50.0	52.2	
105 Isopropylbenzene	105	8.120	8.127	-0.007	96	737860	50.0	50.8	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	90	233594	50.0	52.1	
$ 107 4-Bromofluorobenzene	174	8.493	8.493	-0.001	90	182918	50.0	51.4	
108 Bromobenzene	156	8.593	8.600	-0.007	97	187832	50.0	48.8	
109 N-Propylbenzene	91	8.750	8.758	-0.008	99	906751	50.0	50.4	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	156301	50.0	49.8	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	619899	50.0	49.3	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	756188	50.0	50.5	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	45104	50.0	51.0	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	621596	50.0	49.8	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	84	39108	50.0	46.1	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	565747	50.0	50.5	
117 tert-Butylbenzene	119	9.560	9.560	0.000	94	521875	50.0	50.5	
118 1,2,4-Trimethylbenzene	105	9.689	9.696	-0.007	98	639182	50.0	50.5	
119 Butyl Methacrylate	87	9.703	9.710	-0.007	96	195255	50.0	52.2	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	99	794959	50.0	49.3	
121 1,3-Dichlorobenzene	146	10.104	10.111	-0.007	96	369280	50.0	50.6	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	673695	50.0	51.1	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	251336	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	96	380084	50.0	47.6	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	670779	50.0	50.5	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	669740	50.0	50.7	
127 Benzyl chloride	126	10.720	10.727	-0.007	98	48424	50.0	52.8	
128 p-Diethylbenzene	119	10.742	10.742	0.000	94	343584	50.0	51.1	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	629710	50.0	50.2	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	365424	50.0	49.9	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	98	637766	50.0	52.0	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	93	31232	50.0	53.9	
133 1,3,5-Trichlorobenzene	180	12.124	12.131	-0.007	97	279540	50.0	50.0	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	252221	50.0	51.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	89286	50.0	49.2	
136 Naphthalene	128	13.127	13.127	0.000	99	531313	50.0	53.9	
137 1,2,3-Trichlorobenzene	180	13.299	13.306	-0.007	95	223239	50.0	48.7	
S 138 1,2-Dichloroethene, Total	100				0		100.0	94.3	
S 139 1,3-Dichloropropene, Total	100				0		100.0	106.9	
S 140 Xylenes, Total	100				0		100.0	103.3	
S 142 Total BTEX	1				0		250.0	251.8	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added:	50.00	Units: uL	
ACROLEIN W_00108	Amount Added:	10.00	Units: uL	
GASES Li_00376	Amount Added:	50.00	Units: uL	
524freon_00024	Amount Added:	50.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:43:51 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D

Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13 Operator ID:

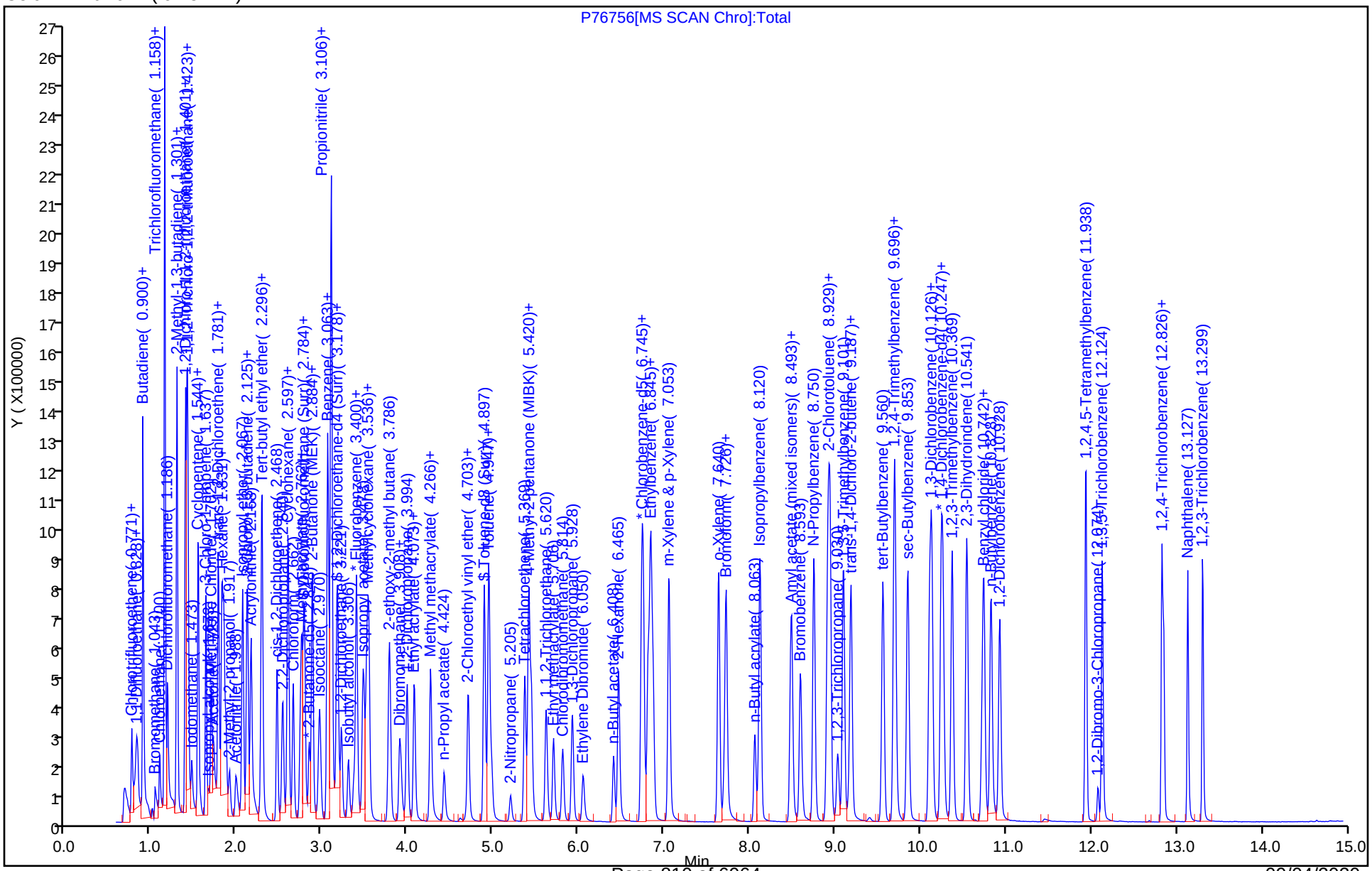
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

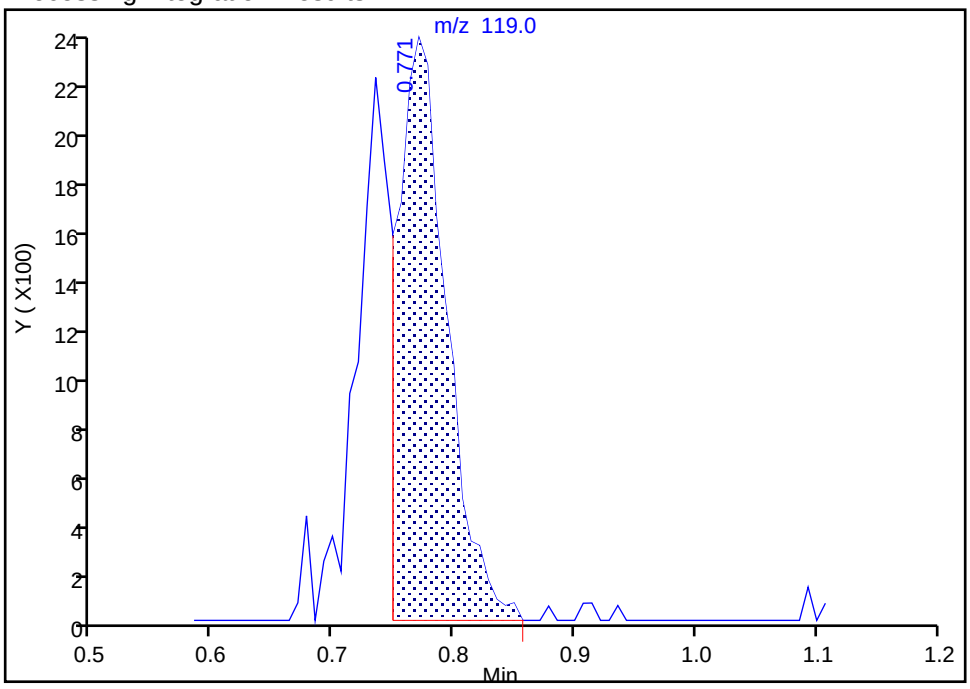
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

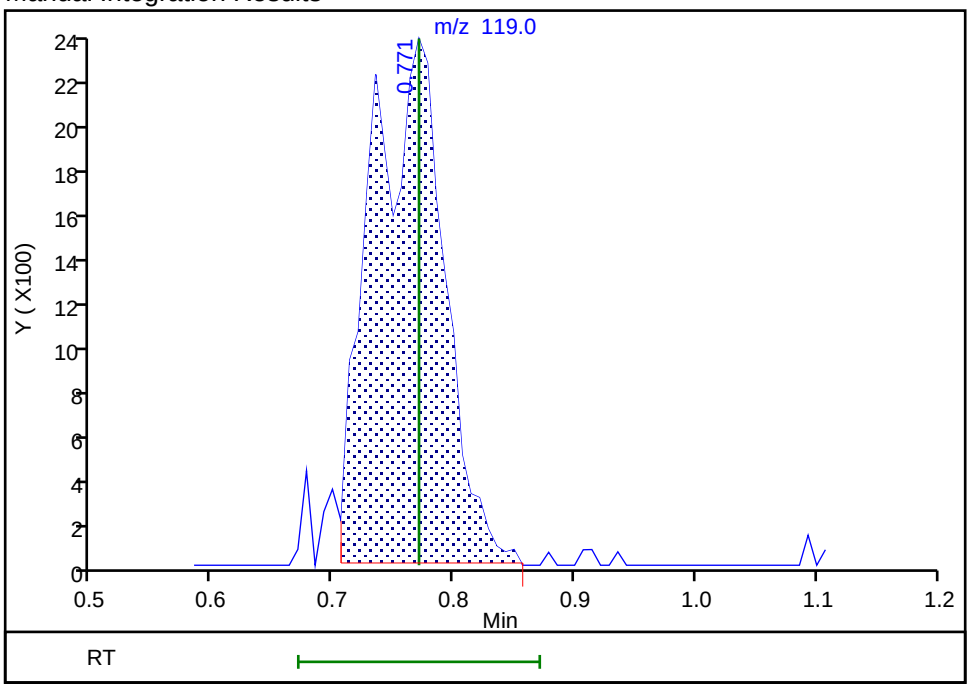
Processing Integration Results

RT: 0.77
Area: 6542
Amount: 36.952072
Amount Units: ug/l



Manual Integration Results

RT: 0.77
Area: 9778
Amount: 46.606370
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:05:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

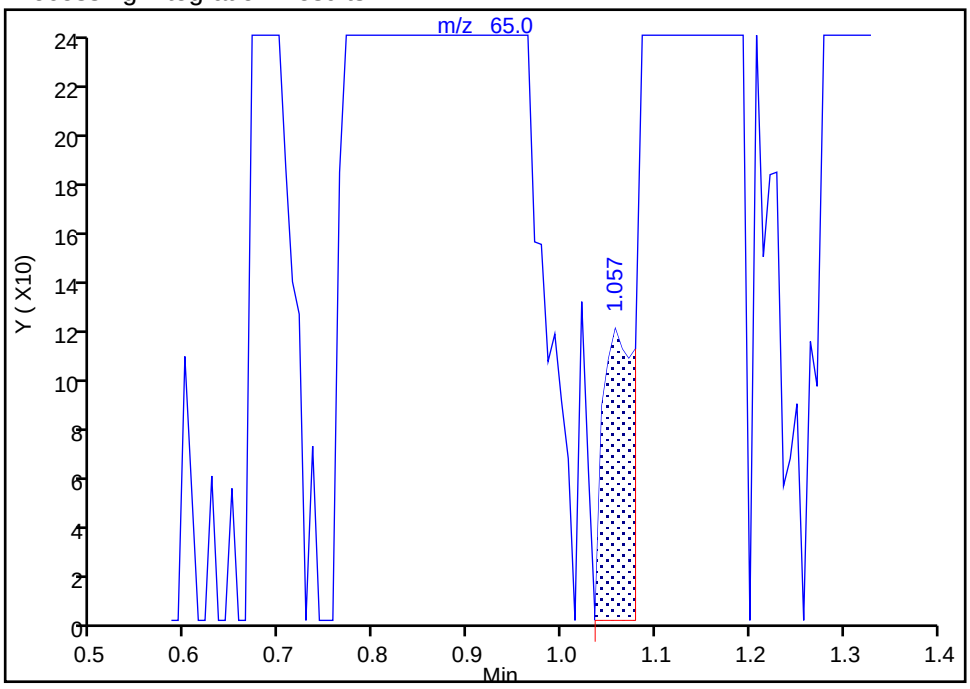
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

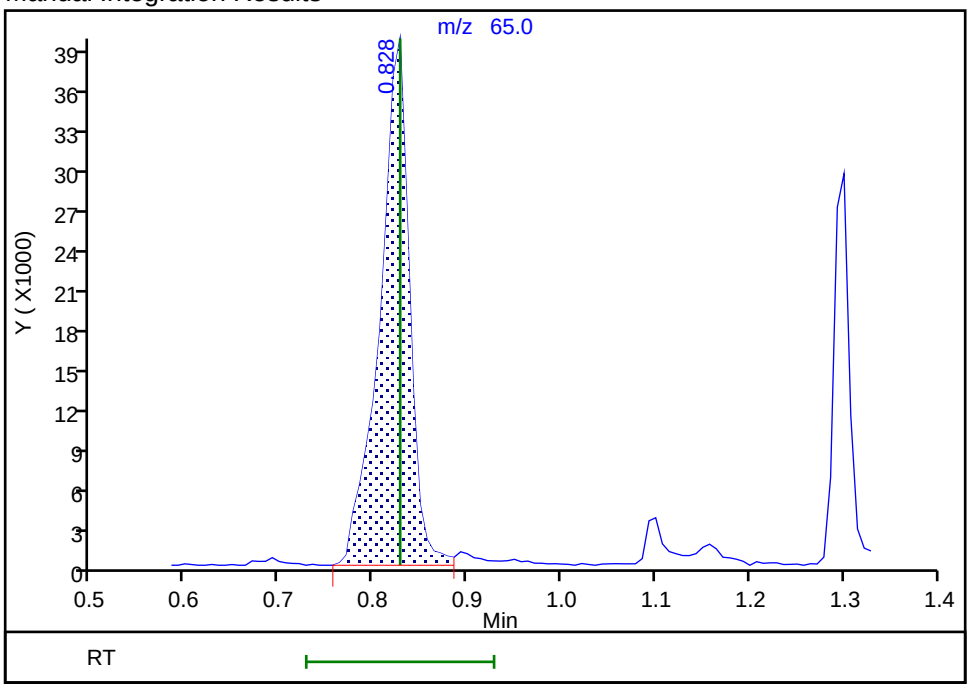
Processing Integration Results

RT: 1.06
Area: 271
Amount: 0.249178
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 86439
Amount: 46.036240
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:33:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

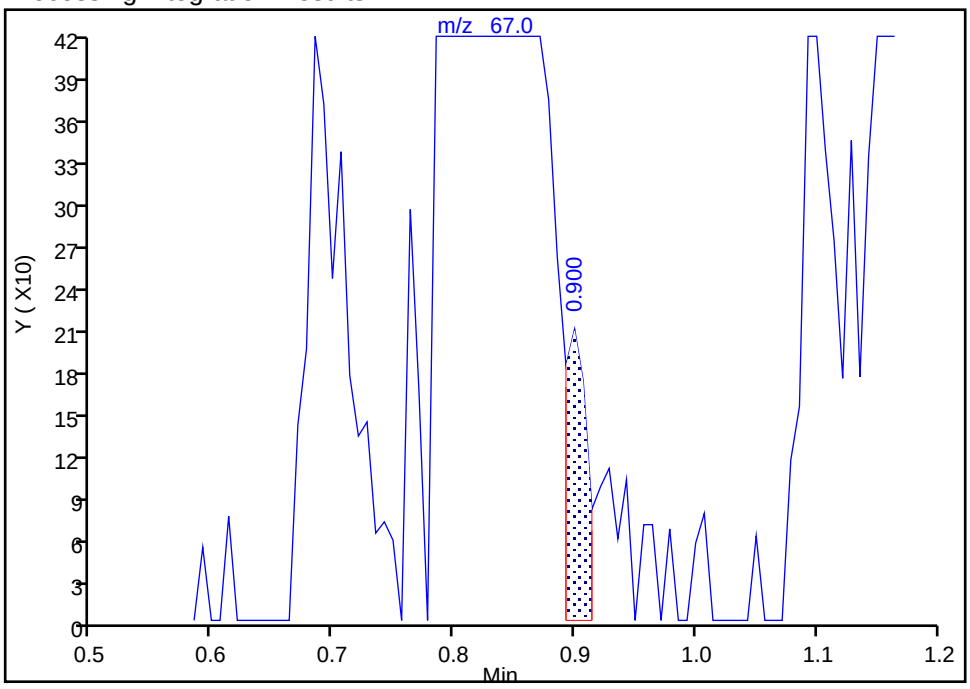
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

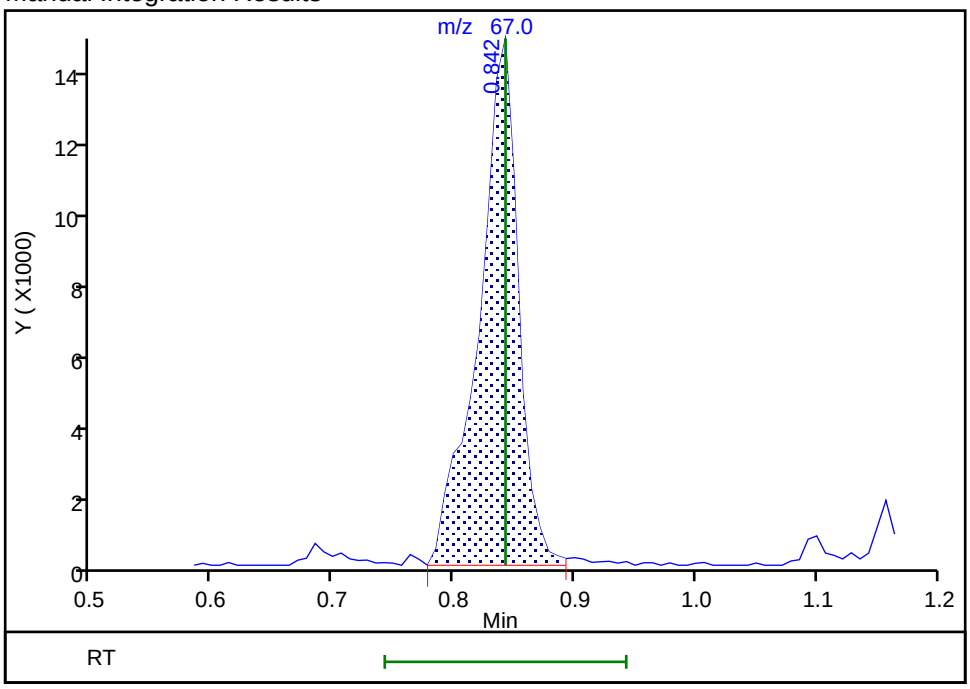
Processing Integration Results

RT: 0.90
Area: 274
Amount: 0.546990
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 32721
Amount: 45.923242
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:21:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

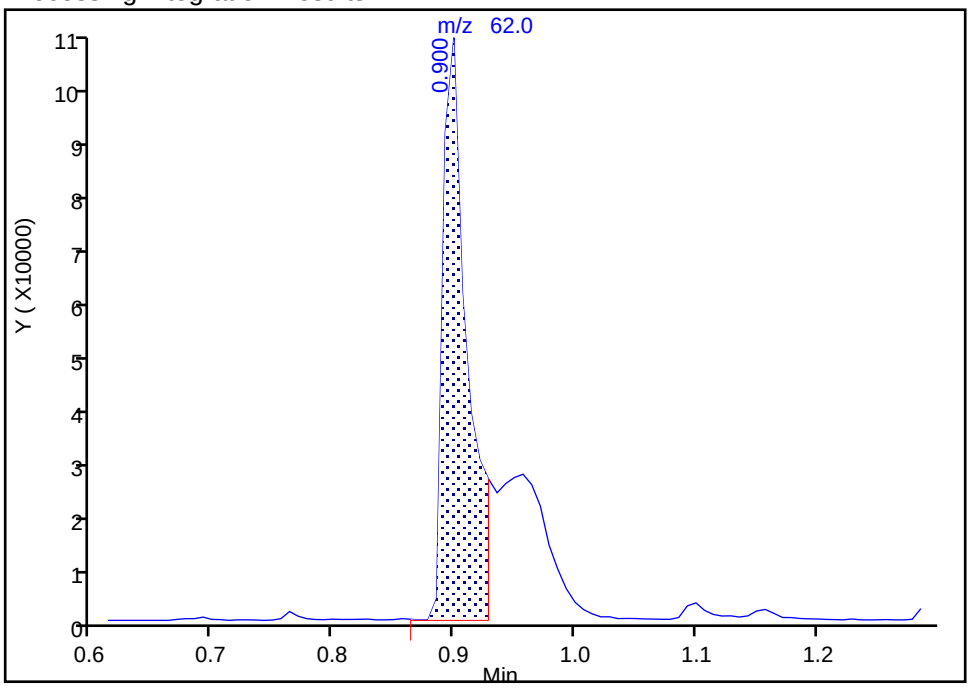
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

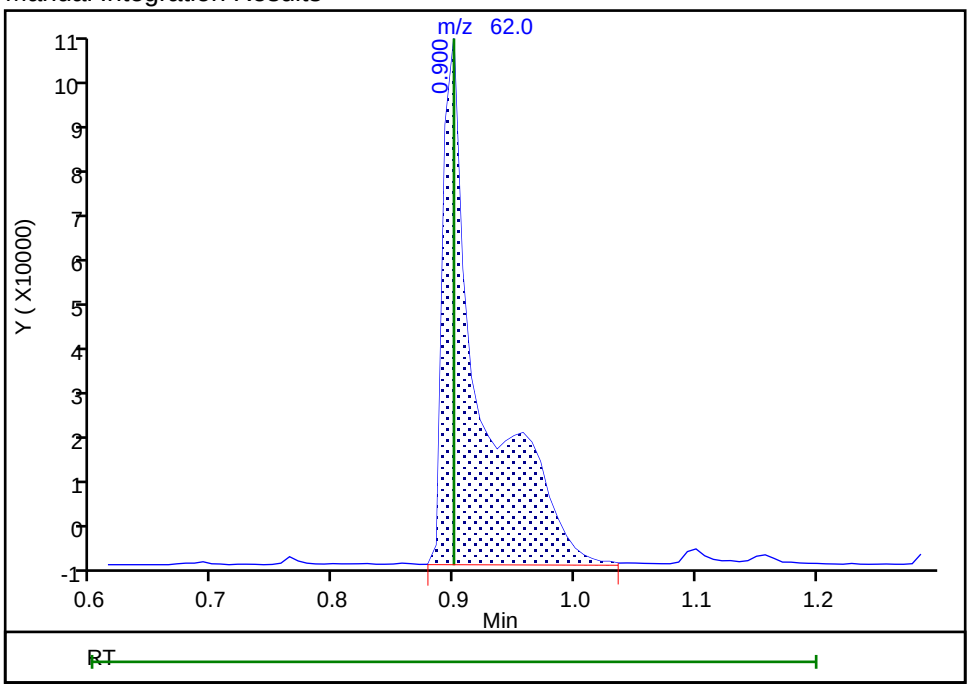
Processing Integration Results

RT: 0.90
Area: 152232
Amount: 29.572713
Amount Units: ug/l



Manual Integration Results

RT: 0.90
Area: 231960
Amount: 48.003085
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:13:12
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

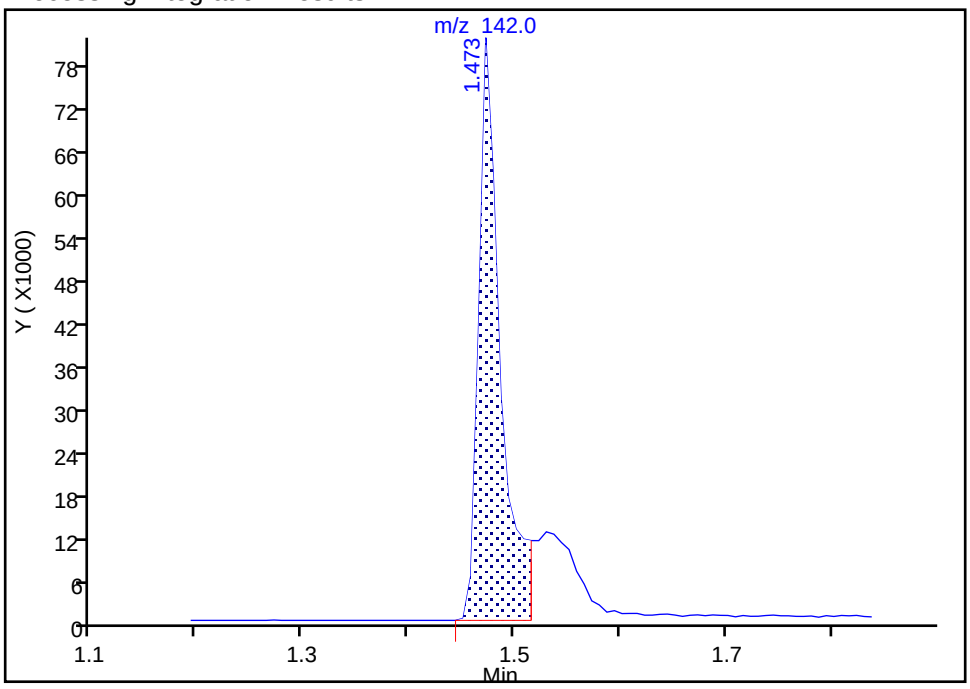
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

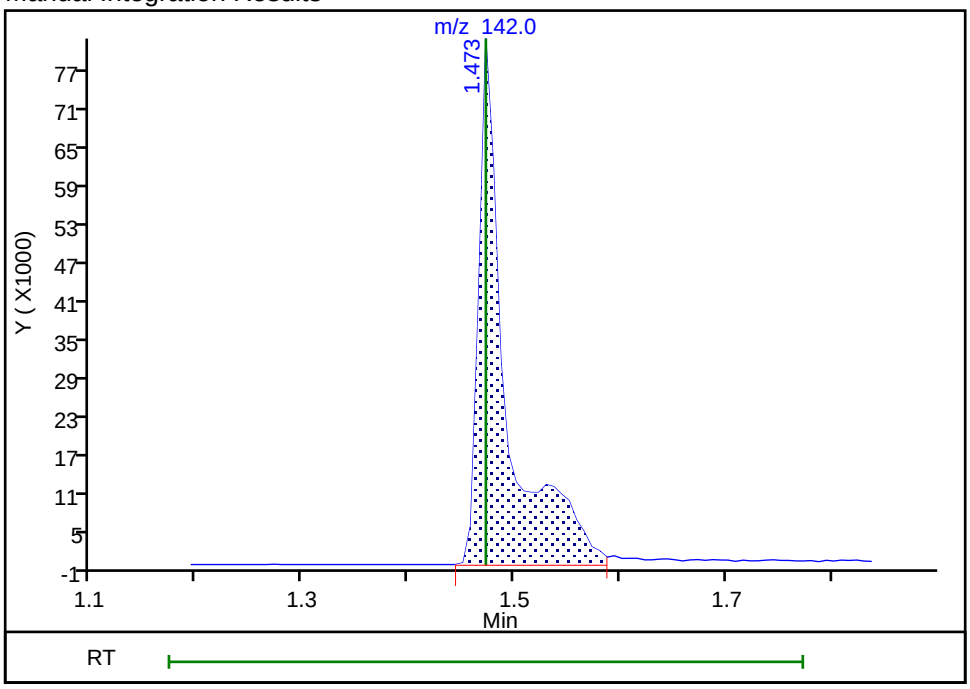
Processing Integration Results

RT: 1.47
Area: 117177
Amount: 35.520111
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 150049
Amount: 34.716250
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:13:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

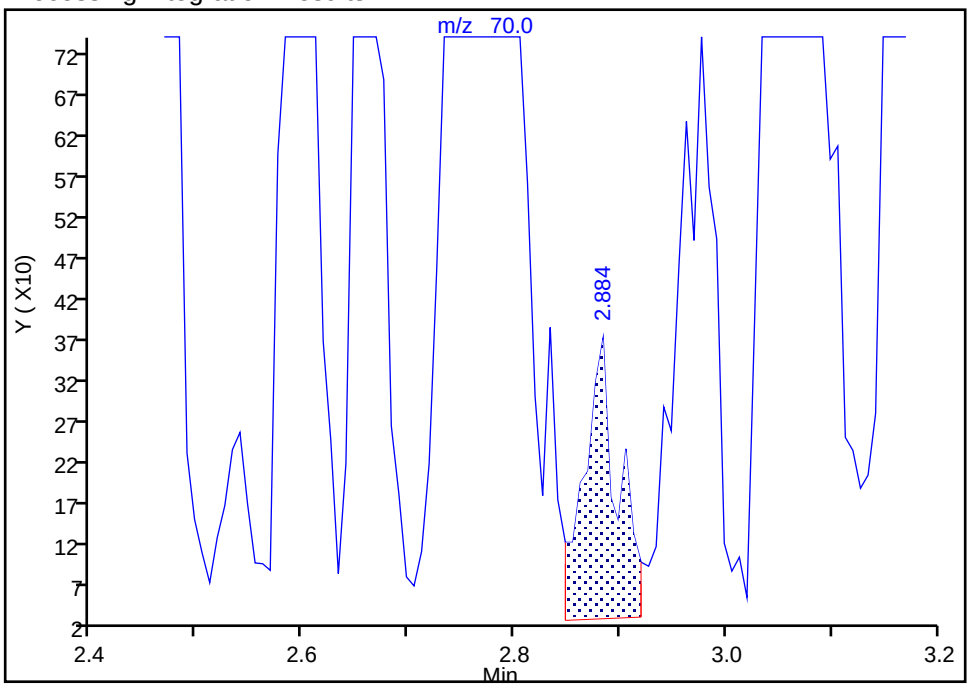
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

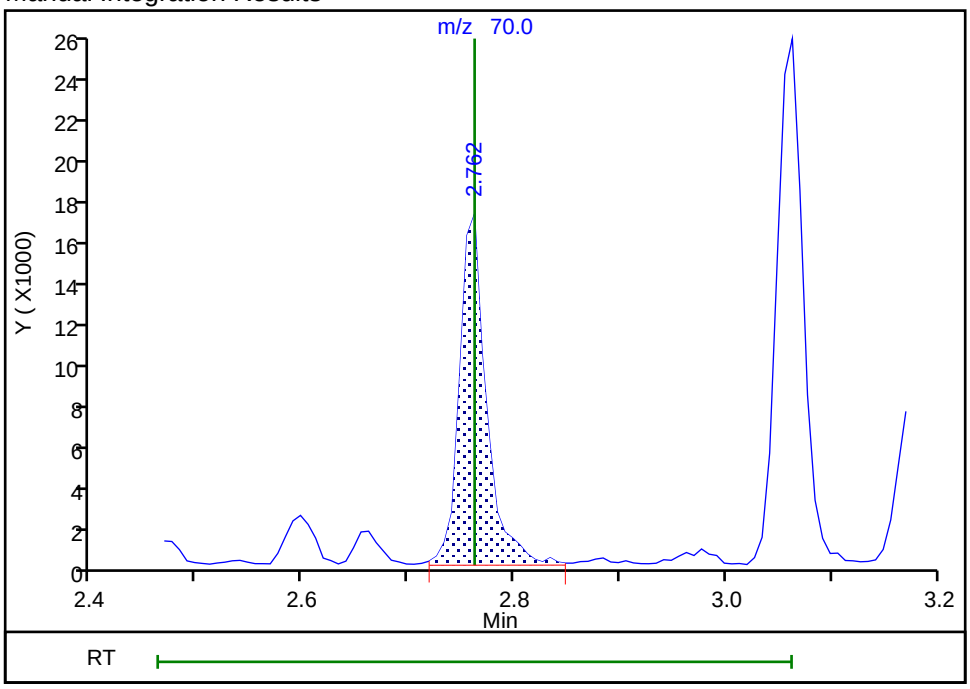
Processing Integration Results

RT: 2.88
Area: 777
Amount: 4.880346
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 30231
Amount: 94.110750
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:13:38
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

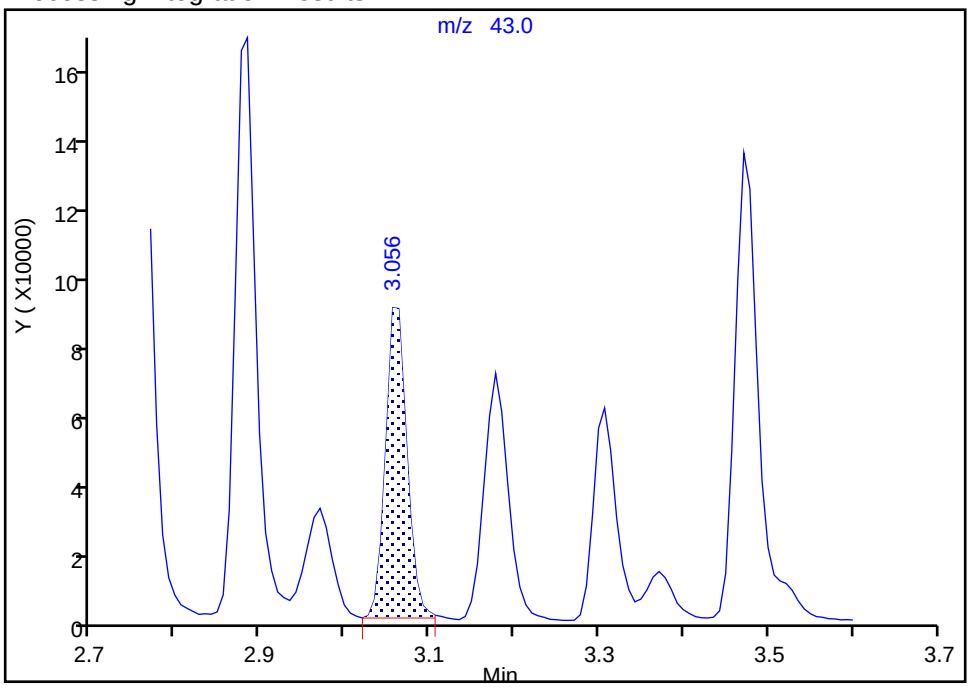
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

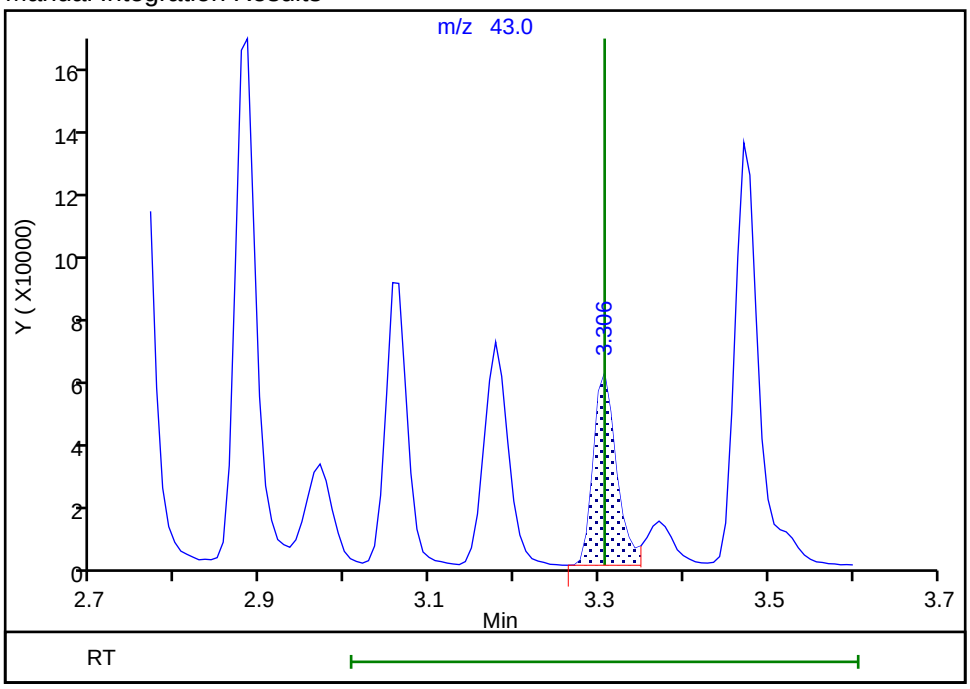
Processing Integration Results

RT: 3.06
Area: 154103
Amount: 1793.3839
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 115174
Amount: 1239.6024
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:33:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-Jul-2020 06:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0112940-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:44:06 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: starzecm Date: 09-Jul-2020 09:31:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	90	210958	200.0	206.7	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	68	36921	200.0	166.0	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	926541	200.0	170.1	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	97	359256	200.0	180.5	a
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	96	136972	200.0	181.3	a
7 Vinyl chloride	62	0.900	0.900	0.000	98	944080	200.0	184.3	
6 Chloromethane	50	0.907	0.900	0.007	97	1270504	200.0	185.6	
8 Butadiene	54	0.907	0.900	0.007	87	880003	200.0	191.8	
9 Bromomethane	94	1.043	1.043	0.000	99	510330	200.0	207.5	
10 Chloroethane	64	1.100	1.100	0.000	100	737107	200.0	197.2	
11 Pentane	72	1.158	1.158	0.000	96	336798	400.0	419.7	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	98	1334838	200.0	203.7	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	1584197	200.0	199.8	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	1346019	200.0	201.3	
15 Ethyl ether	59	1.308	1.308	0.000	94	729232	200.0	203.1	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	756586	200.0	198.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	84	1194476	200.0	205.5	
19 Carbon disulfide	76	1.423	1.415	0.008	100	2803044	200.0	198.2	
16 Ethanol	46	1.415	1.415	0.000	30	170592	8000.0	8042.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	67	756495	200.0	197.6	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	1205033	200.0	199.4	a
22 Iodomethane	142	1.473	1.473	0.000	99	928245	200.0	207.8	M
23 Cyclopentene	67	1.552	1.552	0.000	97	2080605	200.0	196.4	
24 Acrolein	56	1.573	1.573	0.000	95	79542	200.0	205.8	
25 3-Chloro-1-propene	76	1.645	1.638	0.007	90	487404	200.0	205.4	
26 Isopropyl alcohol	45	1.673	1.666	0.007	97	393953	2000.0	1960.9	
27 Methylene Chloride	84	1.702	1.702	0.000	95	891892	200.0	193.1	
28 Acetone	43	1.731	1.731	0.000	86	915863	1000.0	932.6	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	98	804605	200.0	189.8	
30 Methyl acetate	43	1.795	1.795	0.000	99	857882	400.0	400.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	89	198616	200.0	202.9	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	91	2236030	200.0	209.7	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	263746	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	589791	2000.0	2002.5	
35 Acetonitrile	41	1.988	1.989	-0.001	99	810110	2000.0	2037.1	
36 Isopropyl ether	45	2.067	2.067	0.000	95	2373654	200.0	209.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	642115	200.0	197.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	1297156	200.0	196.8	
39 Acrylonitrile	53	2.168	2.168	0.000	92	2130580	2000.0	1980.0	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	2232497	200.0	214.7	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	2778013	400.0	408.5	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	98	749020	200.0	193.4	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	97	923033	200.0	201.9	
44 Cyclohexane	56	2.597	2.597	0.000	93	1163988	200.0	198.6	
45 Chlorobromomethane	128	2.604	2.605	-0.001	90	361079	200.0	203.9	
46 Chloroform	83	2.662	2.662	0.000	98	1209229	200.0	194.0	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	799899	200.0	205.6	
49 Methyl acrylate	55	2.762	2.762	0.000	58	518354	200.0	215.9	
48 Ethyl acetate	70	2.762	2.762	0.000	99	133991	400.0	393.3	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	96	456372	400.0	393.7	
$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	96	154205	50.0	49.0	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	1005073	200.0	200.2	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	276331	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	100	376866	1000.0	1032.6	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	96	961863	200.0	189.4	
56 Isooctane	57	2.970	2.970	0.000	98	1721821	200.0	199.4	
58 Benzene	78	3.070	3.063	0.007	97	2907166	200.0	197.4	
57 n-Heptane	57	3.063	3.063	0.000	92	416923	200.0	192.8	
59 Propionitrile	54	3.099	3.092	0.007	90	833620	2000.0	1987.0	
60 Methacrylonitrile	67	3.113	3.106	0.007	93	2641849	2000.0	2151.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	189891	50.0	50.3	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	1901391	200.0	219.0	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	911148	200.0	194.6	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	536648	5000.0	5472.4	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	94	358171	2000.0	2224.4	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	673782	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	99	1135087	200.0	213.4	
68 Methylcyclohexane	83	3.529	3.521	0.008	96	1136795	200.0	206.8	
69 Trichloroethene	130	3.543	3.550	-0.007	98	734821	200.0	204.1	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	1667231	200.0	218.2	
71 Dibromomethane	93	3.901	3.908	-0.007	97	411556	200.0	202.5	
72 n-Butanol	56	3.922	3.930	-0.008	90	345195	5000.0	5064.1	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	88	733515	200.0	205.7	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	935502	200.0	210.7	
74 Ethyl acrylate	55	4.073	4.080	-0.007	98	746067	200.0	214.1	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	70	25999	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	89	312979	400.0	450.3	
78 1,4-Dioxane	88	4.281	4.281	0.000	94	128381	4000.0	3710.9	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	785712	200.0	210.5	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	97	116735	200.5	277.8	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	1126673	200.0	221.4	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	595123	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	3004811	200.0	199.4	
84 Epichlorohydrin	57	4.983	4.983	0.000	100	775187	4000.0	5219.2	
85 2-Nitropropane	41	5.205	5.205	0.000	98	283645	400.0	452.3	
86 Tetrachloroethene	166	5.369	5.369	0.000	98	708370	200.0	201.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	2651666	1000.0	1103.2	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	96	1036825	200.0	230.2	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	492730	200.0	206.1	
90 Ethyl methacrylate	69	5.706	5.713	-0.007	89	751130	200.0	206.3	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	652001	200.0	225.9	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	1021792	200.0	209.2	
93 Ethylene Dibromide	107	6.050	6.057	-0.007	98	583888	200.0	222.1	
94 n-Butyl acetate	43	6.408	6.415	-0.007	98	831753	200.0	209.6	
95 2-Hexanone	43	6.465	6.473	-0.008	96	1839092	1000.0	1002.8	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	483854	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	1856451	200.0	196.6	
98 Ethylbenzene	106	6.845	6.845	0.000	99	1040894	200.0	199.1	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	655793	200.0	223.2	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	1267399	200.0	202.0	
101 o-Xylene	106	7.640	7.640	0.000	94	1224952	200.0	209.6	
102 Bromoform	173	7.705	7.705	0.000	94	404601	200.0	217.6	
103 Styrene	104	7.726	7.733	-0.007	94	2102932	200.0	220.8	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	96	454680	200.0	211.6	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	3228998	200.0	204.7	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	90	1067680	200.0	202.7	
$ 107 4-Bromofluorobenzene	174	8.493	8.493	-0.001	89	196751	50.0	50.8	
108 Bromobenzene	156	8.593	8.600	-0.007	97	836738	200.0	196.7	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	4030225	200.0	202.7	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	717403	200.0	206.5	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	2778464	200.0	199.9	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	3396942	200.0	205.1	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	198565	200.0	203.1	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	2817651	200.0	204.2	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	88	204631	200.0	202.0	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	2549234	200.0	205.6	
117 tert-Butylbenzene	119	9.560	9.560	0.000	93	2301077	200.0	201.2	
118 1,2,4-Trimethylbenzene	105	9.696	9.696	0.000	98	3023621	200.0	215.9	
119 Butyl Methacrylate	87	9.710	9.710	0.000	96	1035669	200.0	216.3	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	98	3633016	200.0	203.7	
121 1,3-Dichlorobenzene	146	10.104	10.111	-0.007	96	1642154	200.0	203.6	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	3076905	200.0	211.1	
* 123 1,4-Dichlorobenzene-d4	152	10.247	10.240	0.007	96	277992	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.269	10.262	0.007	94	1673004	200.0	189.4	
125 1,2,3-Trimethylbenzene	105	10.376	10.369	0.007	99	3092023	200.0	210.4	
126 2,3-Dihydroindene	117	10.548	10.541	0.007	94	3033315	200.0	207.5	
127 Benzyl chloride	126	10.720	10.727	-0.007	98	268300	200.0	218.1	
128 p-Diethylbenzene	119	10.742	10.742	0.000	92	1617831	200.0	217.8	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	2964654	200.0	213.7	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	95	1652273	200.0	204.2	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	2925186	200.0	215.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.081	-0.007	95	141172	200.0	220.3	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	1233706	200.0	199.4	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	1092552	200.0	202.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	94	385966	200.0	192.3	
136 Naphthalene	128	13.127	13.127	0.000	99	2317587	200.0	212.6	
137 1,2,3-Trichlorobenzene	180	13.299	13.306	-0.007	96	974994	200.0	192.3	
S 138 1,2-Dichloroethene, Total	100				0		400.0	383.1	
S 139 1,3-Dichloropropene, Total	100				0		400.0	451.6	
S 140 Xylenes, Total	100				0		400.0	411.6	
S 142 Total BTEX	1				0		1000.0	1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00108	Amount Added:	20.00	Units: uL	
GAS Hi_00365	Amount Added:	20.00	Units: uL	
8FreonHi_00020	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00100	Amount Added:	20.00	Units: uL	
MIX I Hi_00127	Amount Added:	20.00	Units: uL	
Ethanol mix_00041	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:44:08 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D

Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13 Operator ID:

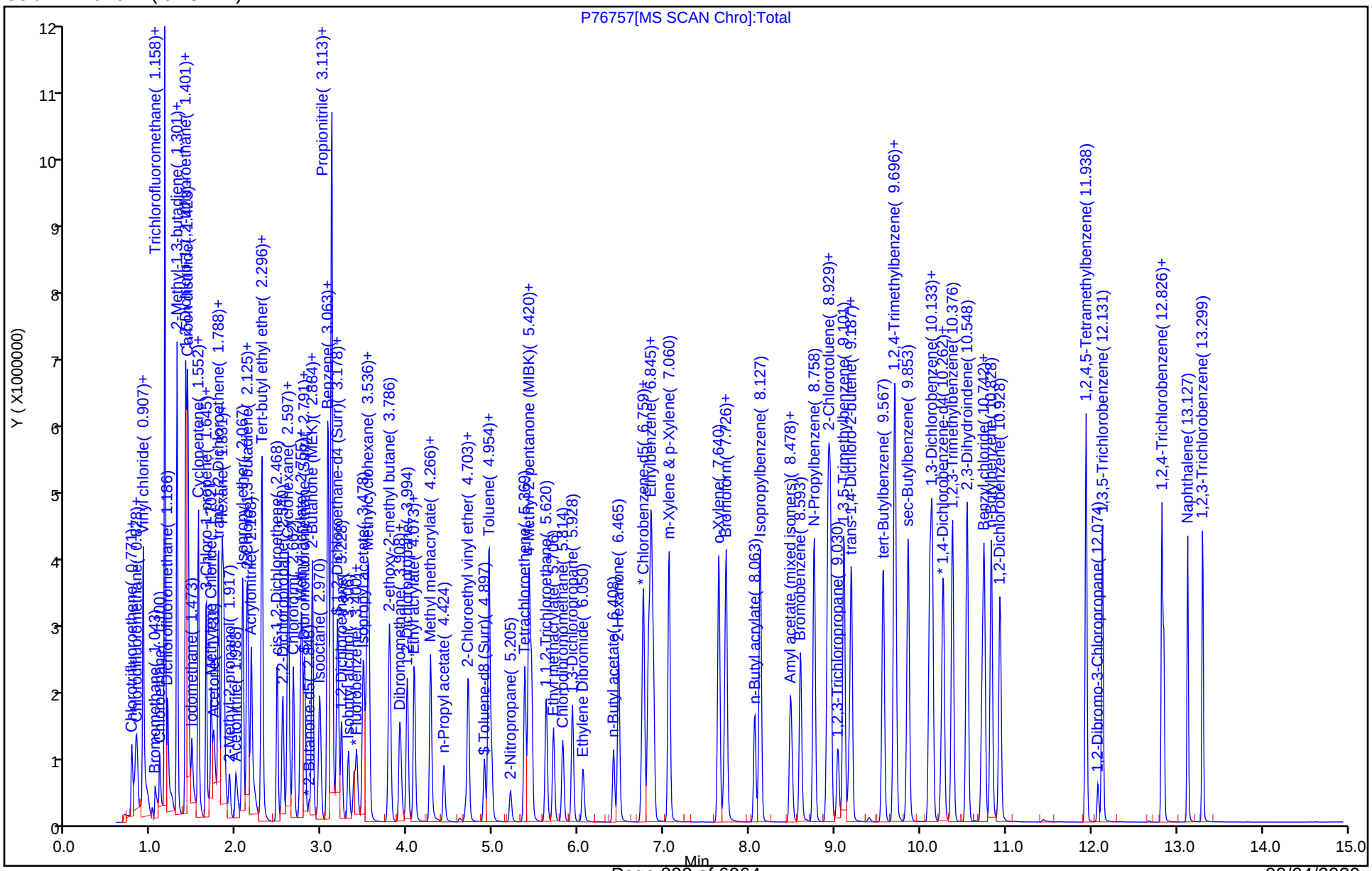
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

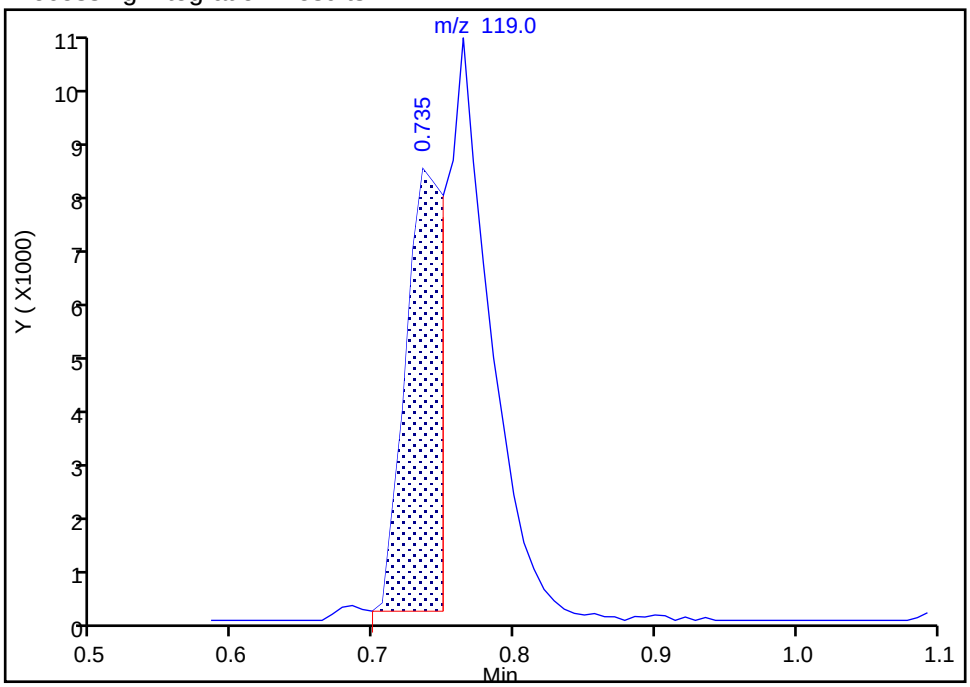
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

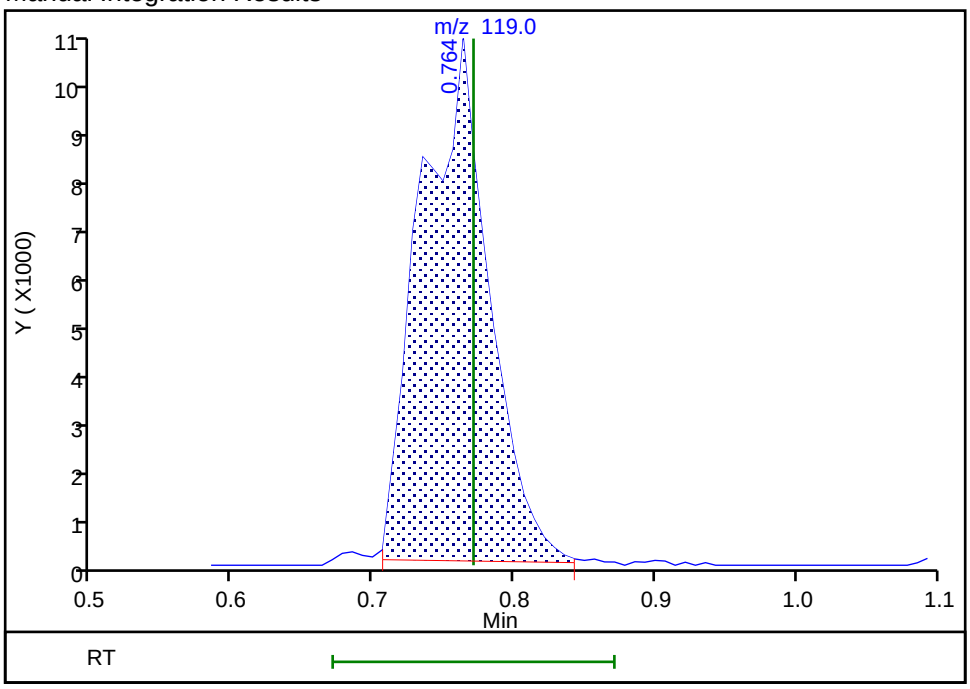
Processing Integration Results

RT: 0.73
Area: 15842
Amount: 93.130659
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 36921
Amount: 166.0135
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:04:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

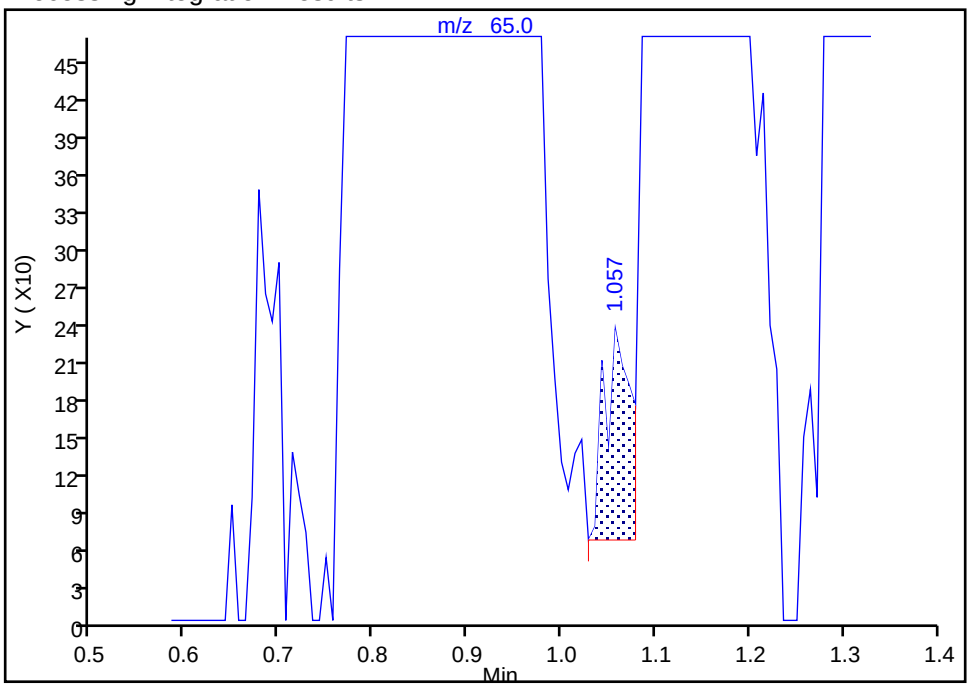
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

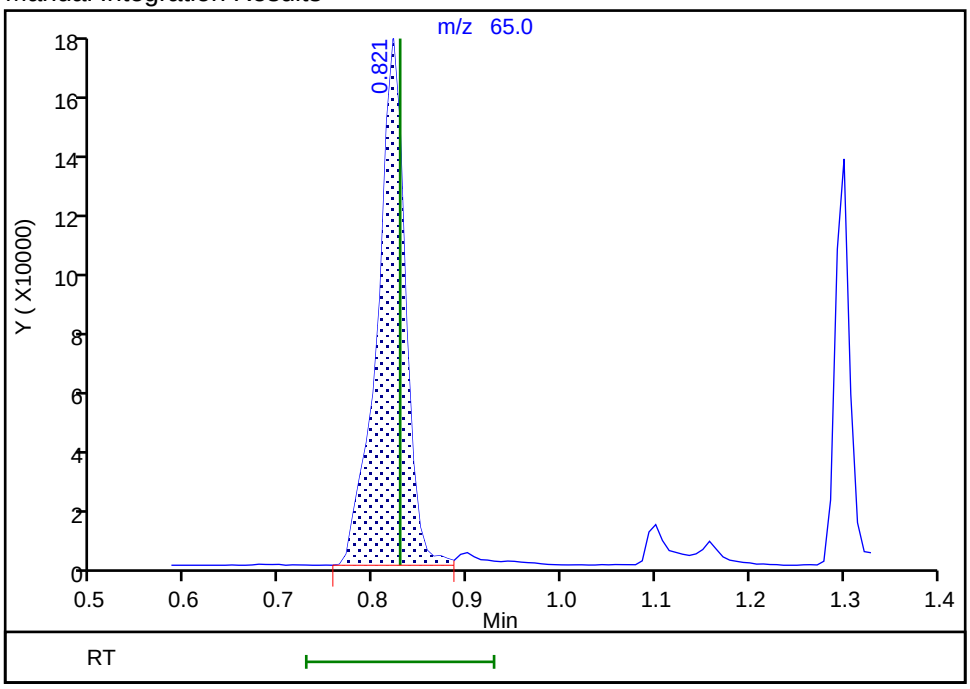
Processing Integration Results

RT: 1.06
Area: 327
Amount: 0.612326
Amount Units: ug/l



Manual Integration Results

RT: 0.82
Area: 359256
Amount: 180.4965
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:30:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

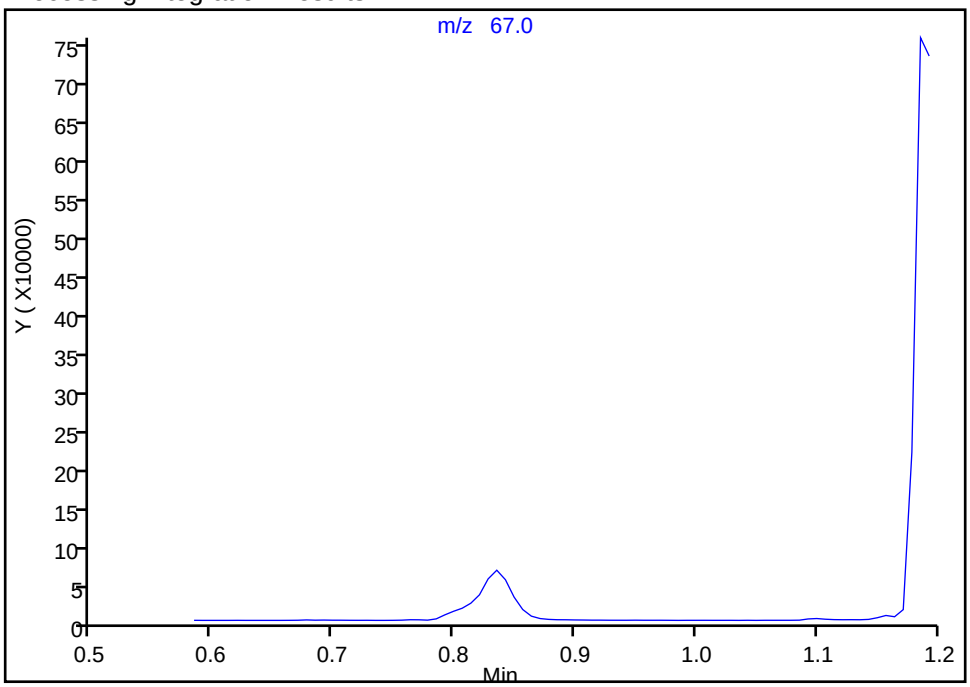
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

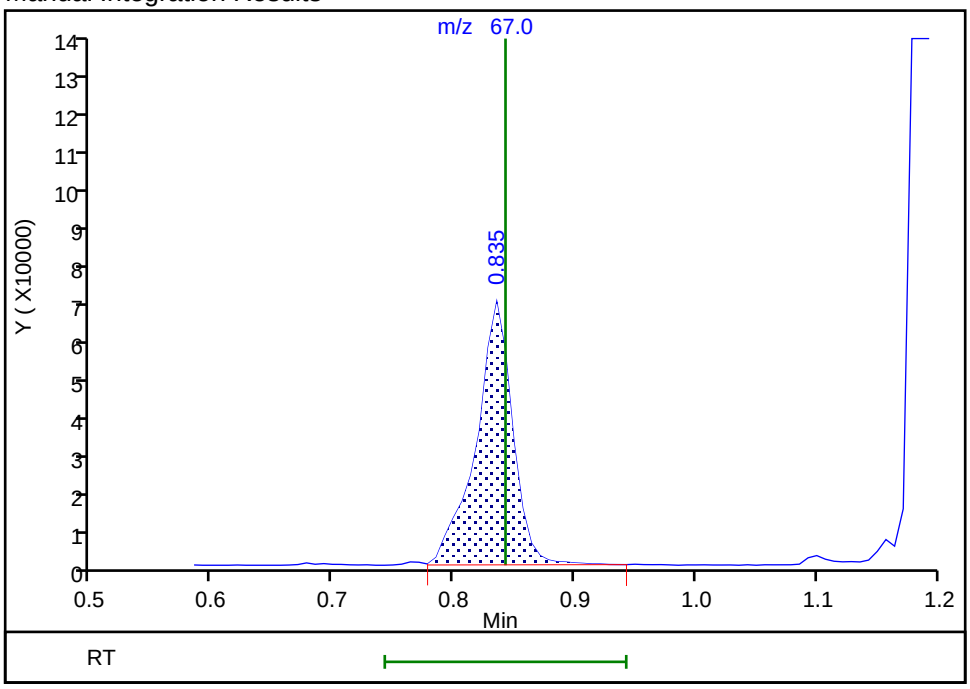
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 136972
Amount: 181.3479
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:30:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

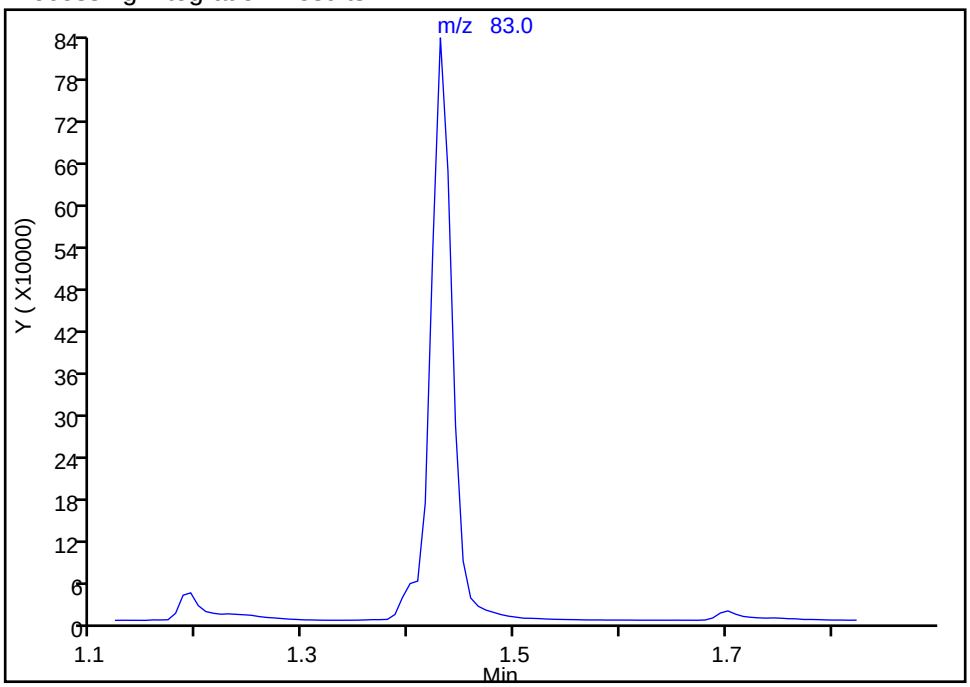
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

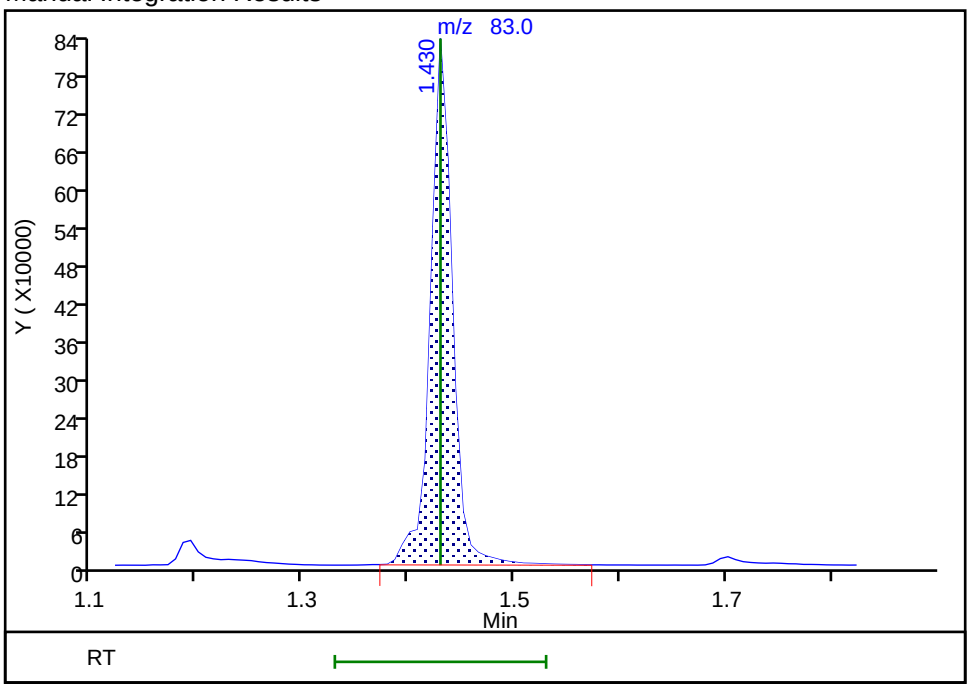
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 1205033
Amount: 199.4086
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:30:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

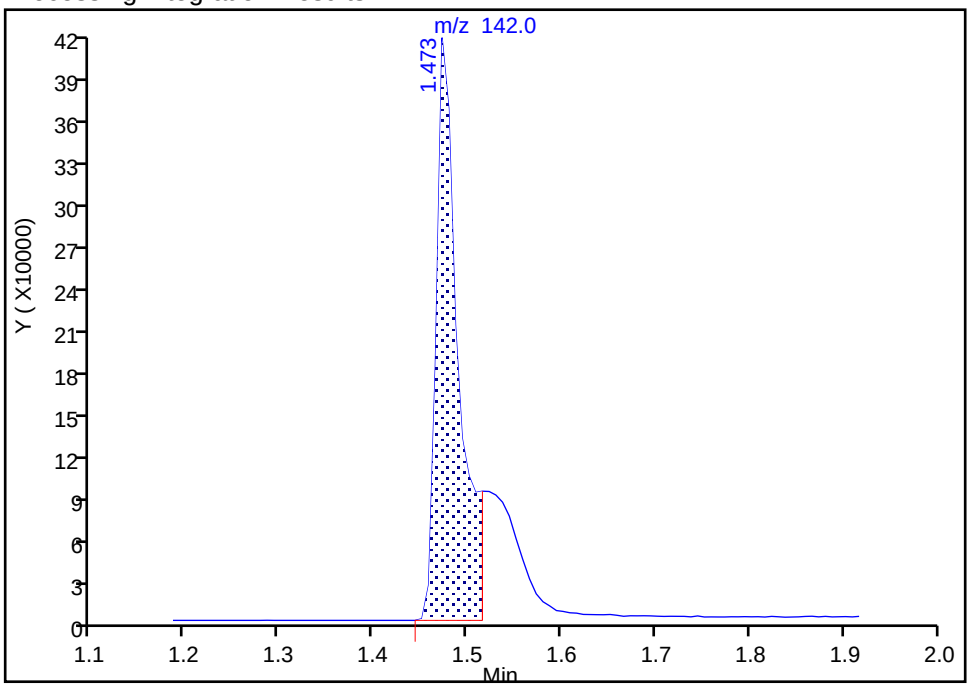
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

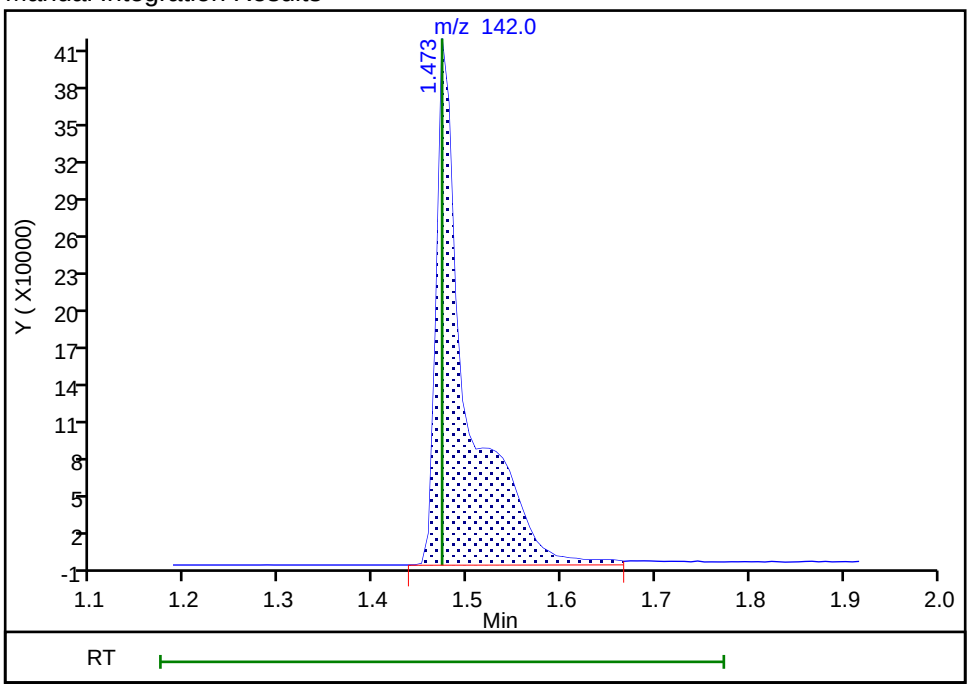
Processing Integration Results

RT: 1.47
Area: 687307
Amount: 203.7078
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 928245
Amount: 207.7931
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:14:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

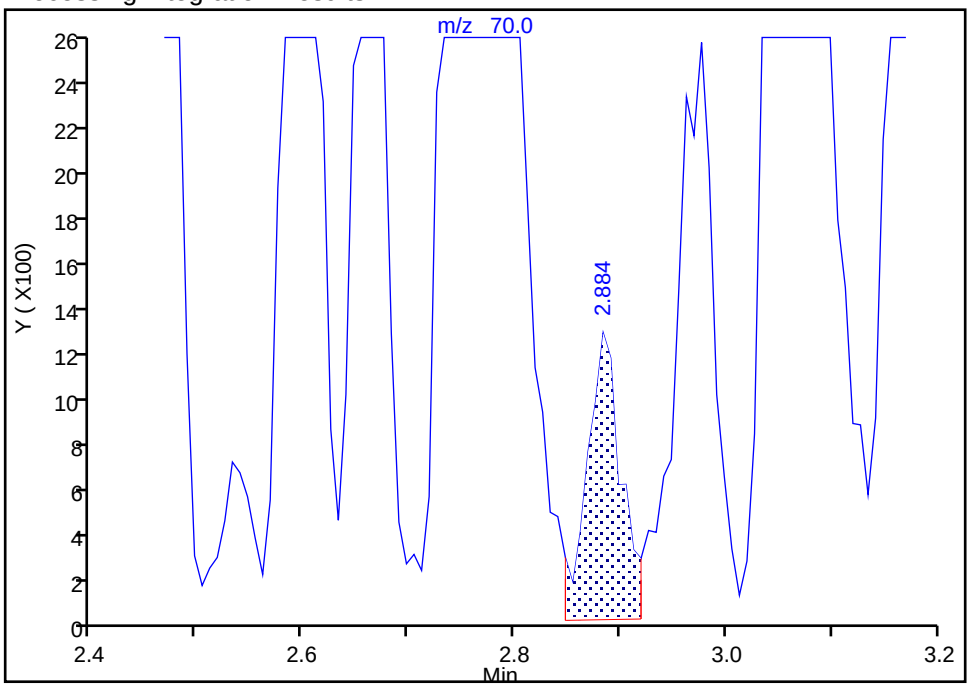
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

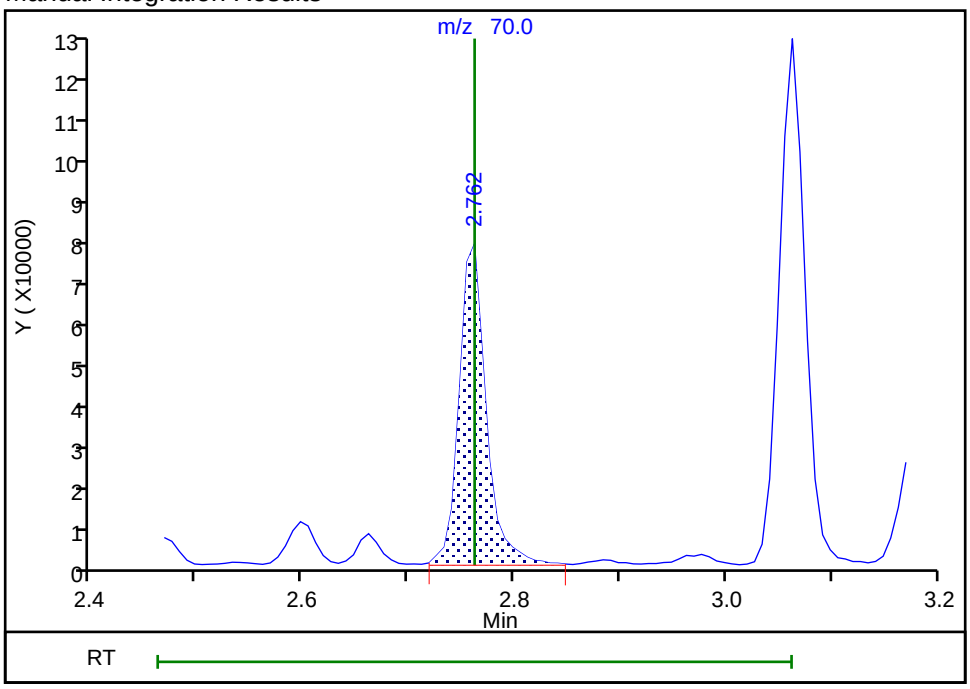
Processing Integration Results

RT: 2.88
Area: 2868
Amount: 12.983087
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 133991
Amount: 393.3240
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:15:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

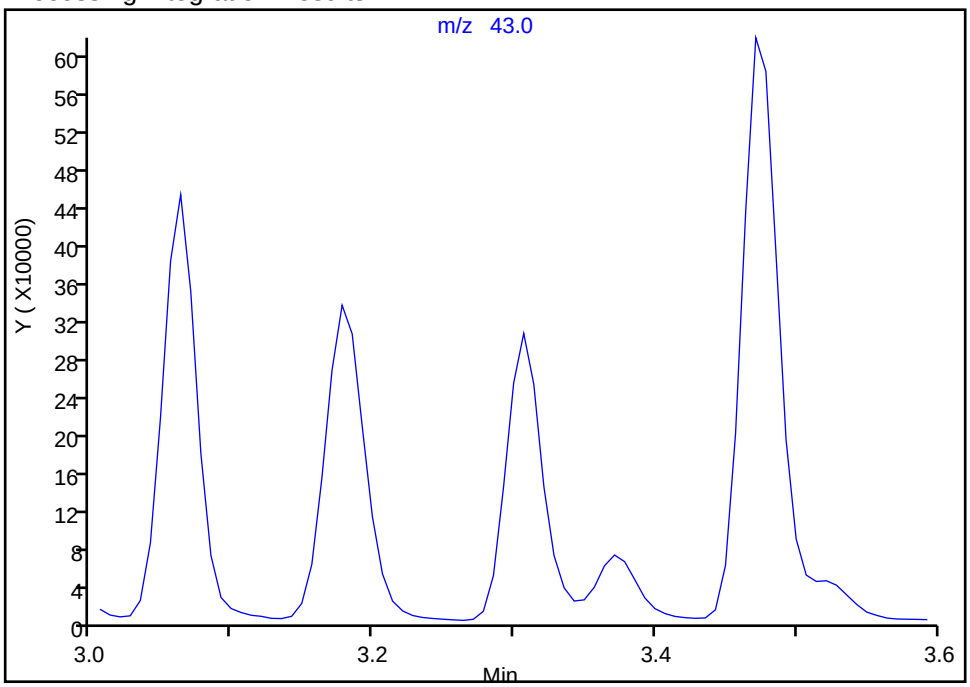
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

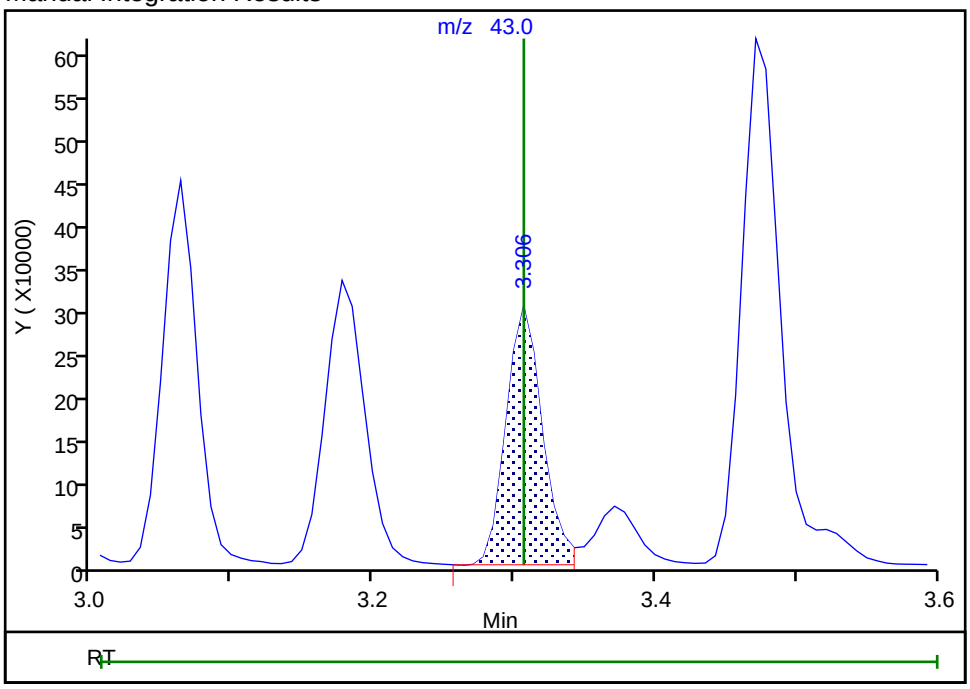
Not Detected
Expected RT: 3.31

Processing Integration Results



Manual Integration Results

RT: 3.31
Area: 536648
Amount: 5472.3892
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:31:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-Jul-2020 07:18:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0112940-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:44:27 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: starzecm Date: 09-Jul-2020 09:25:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	90	633950	500.0	543.1	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	85	103425	500.0	406.6	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	2654914	500.0	426.0	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	98	985181	500.0	432.7	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	378913	500.0	438.6	a
7 Vinyl chloride	62	0.900	0.900	0.000	100	2715278	500.0	463.4	M
6 Chloromethane	50	0.907	0.900	0.007	97	3695587	500.0	472.0	
8 Butadiene	54	0.907	0.900	0.007	97	2694930	500.0	513.5	M
9 Bromomethane	94	1.043	1.043	0.000	98	1232710	500.0	498.6	M
10 Chloroethane	64	1.093	1.100	-0.007	99	1387146	500.0	324.4	M
11 Pentane	72	1.158	1.158	0.000	94	617563	1000.0	636.4	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	97	3229431	500.0	430.9	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	4019458	500.0	443.3	
14 2-Methyl-1,3-butadiene	67	1.294	1.301	-0.007	96	4133773	500.0	540.6	
15 Ethyl ether	59	1.308	1.308	0.000	94	2102952	500.0	512.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.408	1.401	0.007	76	3326387	500.0	500.3	
17 1,1-Dichloroethene	96	1.408	1.401	0.007	96	2207777	500.0	506.3	M
19 Carbon disulfide	76	1.415	1.415	0.000	100	8195378	500.0	506.7	
16 Ethanol	46	1.415	1.415	0.000	70	513937	20000	19994	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	78	2220108	500.0	506.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.437	1.430	0.007	93	3538923	500.0	512.0	Ma
22 Iodomethane	142	1.473	1.473	0.000	99	2438951	500.0	498.8	M
23 Cyclopentene	67	1.552	1.552	0.000	97	6404280	500.0	528.5	
24 Acrolein	56	1.580	1.573	0.007	96	192588	400.0	412.2	
25 3-Chloro-1-propene	76	1.645	1.638	0.007	91	1326902	500.0	488.8	M
26 Isopropyl alcohol	45	1.695	1.666	0.029	98	1130584	5000.0	4654.0	
27 Methylene Chloride	84	1.702	1.702	0.000	96	2467497	500.0	467.1	
28 Acetone	43	1.738	1.731	0.007	86	2787295	2500.0	2456.6	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	97	2351596	500.0	484.9	
30 Methyl acetate	43	1.802	1.795	0.007	99	1711415	1000.0	660.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	93	611512	500.0	546.1	
32 Methyl tert-butyl ether	73	1.852	1.845	0.007	90	6285219	500.0	515.4	
* 33 TBA-d9 (IS)	65	1.881	1.874	0.007	100	318910	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.924	1.917	0.007	99	1741147	5000.0	4999.7	
35 Acetonitrile	41	1.996	1.989	0.007	98	2251404	5000.0	4682.0	
36 Isopropyl ether	45	2.074	2.067	0.007	95	6892582	500.0	531.4	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	1903790	500.0	511.2	
38 1,1-Dichloroethane	63	2.139	2.132	0.007	100	3799536	500.0	504.1	
39 Acrylonitrile	53	2.175	2.168	0.007	95	6470044	5000.0	5256.7	
40 Tert-butyl ethyl ether	59	2.297	2.289	0.007	90	6989930	500.0	587.6	
41 Vinyl acetate	43	2.297	2.297	-0.001	100	9469553	1000.0	1217.5	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	2135653	500.0	482.0	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	97	2660899	500.0	508.9	
44 Cyclohexane	56	2.597	2.597	0.000	93	3531140	500.0	526.8	
45 Chlorobromomethane	128	2.612	2.605	0.007	92	760884	500.0	375.7	
46 Chloroform	83	2.669	2.662	0.007	97	3495185	500.0	490.2	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	2437560	500.0	547.7	
49 Methyl acrylate	55	2.762	2.762	0.000	79	1565903	500.0	570.3	
48 Ethyl acetate	70	2.762	2.762	0.000	98	406223	1000.0	1032.1	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	97	1384528	1000.0	1033.7	
$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	33	177838	50.0	49.4	
52 1,1,1-Trichloroethane	97	2.798	2.791	0.007	98	2934830	500.0	511.0	
* 53 2-Butanone-d5	46	2.855	2.848	0.007	97	319265	250.0	250.0	a
54 2-Butanone (MEK)	72	2.884	2.884	0.000	97	1101763	2500.0	2613.0	
55 1,1-Dichloropropene	75	2.891	2.884	0.007	90	2822171	500.0	485.9	
56 Isooctane	57	2.970	2.970	0.000	98	4898819	500.0	496.0	
58 Benzene	78	3.070	3.063	0.007	98	8554209	500.0	498.1	
57 n-Heptane	57	3.070	3.063	0.007	94	1321710	500.0	534.4	
59 Propionitrile	54	3.120	3.092	0.028	92	2814076	5000.0	5547.2	
60 Methacrylonitrile	67	3.127	3.106	0.021	93	8471211	5000.0	6032.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.185	3.170	0.015	0	240617	50.0	55.7	
62 Tert-amyl methyl ether	73	3.185	3.178	0.007	98	5943408	500.0	598.6	
63 1,2-Dichloroethane	62	3.235	3.228	0.007	97	2693895	500.0	502.9	
64 Isobutyl alcohol	43	3.321	3.307	0.014	98	1699495	12500	14333	a
65 t-Amyl alcohol	59	3.385	3.371	0.014	96	1198498	5000.0	6155.8	
* 66 Fluorobenzene	96	3.407	3.400	0.007	99	770694	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	99	3550476	500.0	583.5	
68 Methylcyclohexane	83	3.529	3.521	0.008	95	3472986	500.0	552.4	
69 Trichloroethene	130	3.550	3.550	0.000	97	2145799	500.0	521.0	
70 2-ethoxy-2-methyl butane	59	3.794	3.786	0.008	92	5035171	500.0	576.1	
71 Dibromomethane	93	3.908	3.908	0.000	96	1191809	500.0	512.8	
72 n-Butanol	56	3.930	3.930	0.000	90	1101198	12500	12492	
73 1,2-Dichloropropane	63	4.001	3.994	0.007	88	2107720	500.0	516.8	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	2718285	500.0	535.3	
74 Ethyl acrylate	55	4.080	4.080	0.000	98	2278436	500.0	486.9	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	81	26623	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	90	932802	1000.0	1173.2	
78 1,4-Dioxane	88	4.281	4.281	0.000	95	373673	10000	10548	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	2322572	500.0	489.5	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	97	515973	501.2	1073.7	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	3283927	500.0	553.5	
$ 82 Toluene-d8 (Surr)	98	4.904	4.897	0.007	99	653868	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	8771046	500.0	499.3	
84 Epichlorohydrin	57	4.990	4.983	0.007	100	2569334	10000	14973	
85 2-Nitropropane	41	5.205	5.205	0.000	99	898689	1000.0	1252.8	
86 Tetrachloroethene	166	5.377	5.369	0.008	97	2029624	500.0	494.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.427	5.420	0.007	97	8166806	2500.0	2940.7	
88 trans-1,3-Dichloropropene	75	5.455	5.455	0.000	98	3134655	500.0	596.9	
89 1,1,2-Trichloroethane	83	5.627	5.620	0.007	95	1414917	500.0	507.6	
90 Ethyl methacrylate	69	5.713	5.713	0.000	89	2195144	500.0	493.9	
91 Chlorodibromomethane	129	5.821	5.814	0.007	98	1887216	500.0	560.8	
92 1,3-Dichloropropane	76	5.935	5.928	0.007	95	2868130	500.0	503.6	
93 Ethylene Dibromide	107	6.057	6.057	0.000	99	1658821	500.0	541.1	
94 n-Butyl acetate	43	6.415	6.415	0.000	98	2418753	500.0	491.4	
95 2-Hexanone	43	6.473	6.473	0.000	96	5525557	2500.0	2499.6	
* 96 Chlorobenzene-d5	117	6.745	6.738	0.007	86	564116	50.0	50.0	
97 Chlorobenzene	112	6.766	6.759	0.007	94	5439462	500.0	494.0	
98 Ethylbenzene	106	6.859	6.845	0.014	99	3213969	500.0	527.3	
99 1,1,1,2-Tetrachloroethane	131	6.881	6.874	0.007	94	1972829	500.0	575.8	
100 m-Xylene & p-Xylene	106	7.067	7.060	0.007	0	3666152	500.0	501.2	
101 o-Xylene	106	7.647	7.640	0.007	93	3561229	500.0	522.7	
102 Bromoform	173	7.712	7.705	0.007	96	1225478	500.0	485.3	
103 Styrene	104	7.733	7.733	0.000	93	6130837	500.0	552.1	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	96	1351344	500.0	488.9	
105 Isopropylbenzene	105	8.134	8.127	0.007	97	9443384	500.0	513.5	
106 Amyl acetate (mixed isomers)	43	8.485	8.478	0.007	90	3208338	500.0	496.3	
$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	89	221083	50.0	49.0	
108 Bromobenzene	156	8.600	8.600	0.000	97	2396410	500.0	505.4	
109 N-Propylbenzene	91	8.765	8.758	0.007	99	11499943	500.0	519.0	
110 1,1,2,2-Tetrachloroethane	83	8.915	8.908	0.007	97	2237847	500.0	577.9	
111 2-Chlorotoluene	91	8.929	8.922	0.007	97	8319166	500.0	536.9	
112 4-Ethyltoluene	105	8.958	8.944	0.014	98	9886501	500.0	535.6	
113 1,2,3-Trichloropropane	110	9.044	9.037	0.007	97	579031	500.0	531.4	
114 1,3,5-Trimethylbenzene	105	9.116	9.101	0.015	92	8134740	500.0	528.9	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	90	644017	500.0	499.8	
116 4-Chlorotoluene	91	9.202	9.187	0.015	98	7324306	500.0	530.0	
117 tert-Butylbenzene	119	9.574	9.560	0.014	93	6555446	500.0	514.2	
118 1,2,4-Trimethylbenzene	105	9.703	9.696	0.007	99	8738279	500.0	559.8	
119 Butyl Methacrylate	87	9.717	9.710	0.007	96	3163616	500.0	487.5	
120 sec-Butylbenzene	105	9.868	9.854	0.014	98	10113977	500.0	508.8	
121 1,3-Dichlorobenzene	146	10.119	10.111	0.008	94	4671068	500.0	519.5	
122 4-Isopropyltoluene	119	10.147	10.133	0.014	97	8770578	500.0	539.8	
* 123 1,4-Dichlorobenzene-d4	152	10.255	10.240	0.015	97	309825	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.276	10.262	0.014	93	4674539	500.0	474.9	
125 1,2,3-Trimethylbenzene	105	10.384	10.369	0.015	99	8834776	500.0	539.4	
126 2,3-Dihydroindene	117	10.555	10.541	0.014	94	8380343	500.0	514.4	
127 Benzyl chloride	126	10.727	10.727	0.000	99	850576	500.0	487.1	
128 p-Diethylbenzene	119	10.756	10.742	0.014	92	4548722	500.0	549.3	
129 n-Butylbenzene	91	10.835	10.828	0.007	99	8192713	500.0	529.9	
130 1,2-Dichlorobenzene	146	10.942	10.928	0.014	95	4531871	500.0	502.5	
131 1,2,4,5-Tetramethylbenzene	119	11.945	11.938	0.007	97	8145875	500.0	538.5	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	95	403654	500.0	565.3	
133 1,3,5-Trichlorobenzene	180	12.139	12.131	0.008	97	3371079	500.0	488.9	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	3012061	500.0	500.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	92	1016581	500.0	454.5	
136 Naphthalene	128	13.127	13.127	0.000	99	6481265	500.0	533.6	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	96	2654121	500.0	469.8	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	966.9	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	1150.4	
S 140 Xylenes, Total	100				0		1000.0	1023.9	
S 142 Total BTEX	1				0		2500.0	2548.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

Ethanol mix_00041	Amount Added:	50.00	Units: uL	
MIX I Hi_00127	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00100	Amount Added:	50.00	Units: uL	
8FreonHi_00020	Amount Added:	50.00	Units: uL	
GAS Hi_00365	Amount Added:	50.00	Units: uL	
ACROLEIN W_00108	Amount Added:	40.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:44:33 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D

Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13 Operator ID:

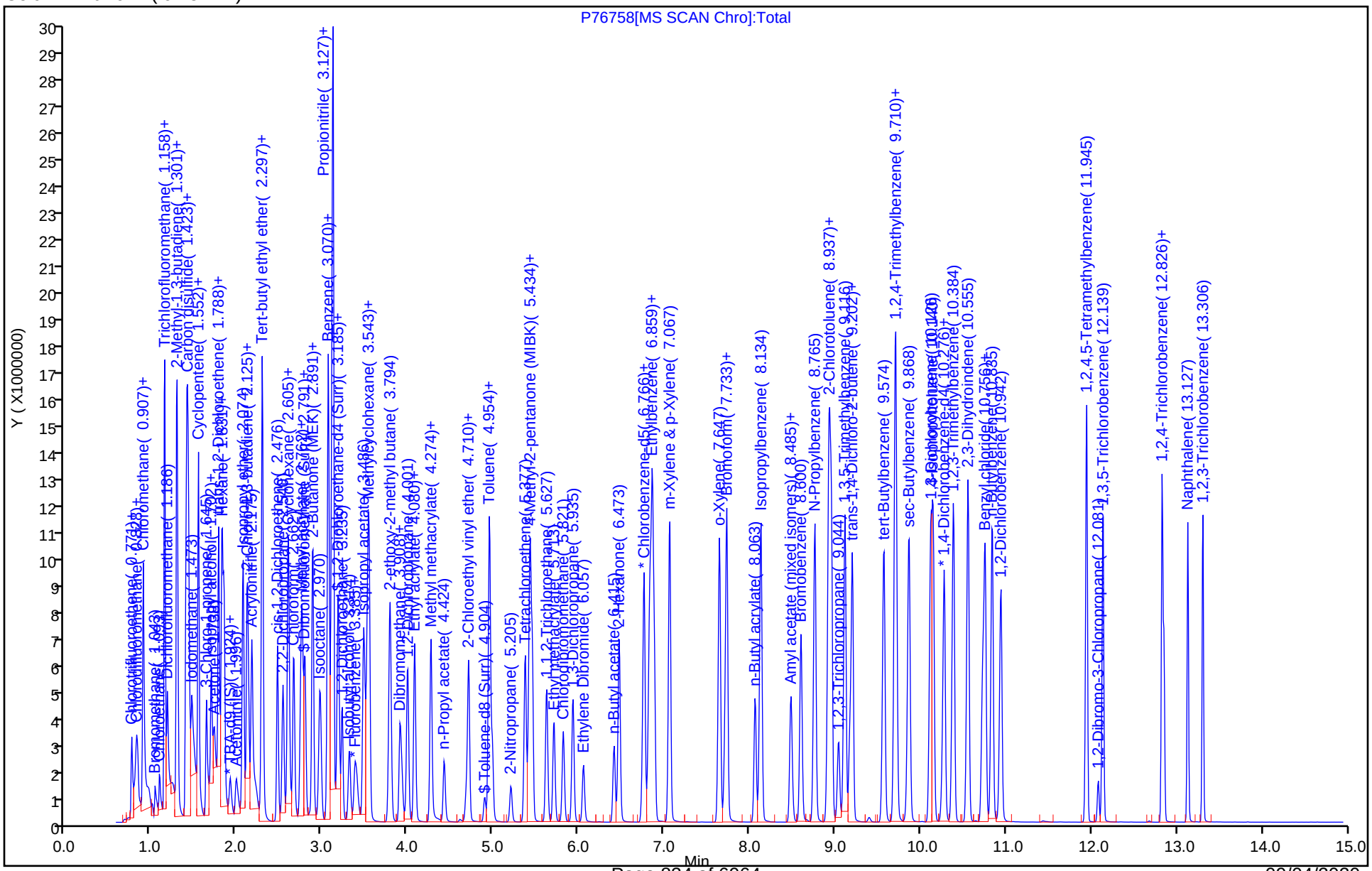
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

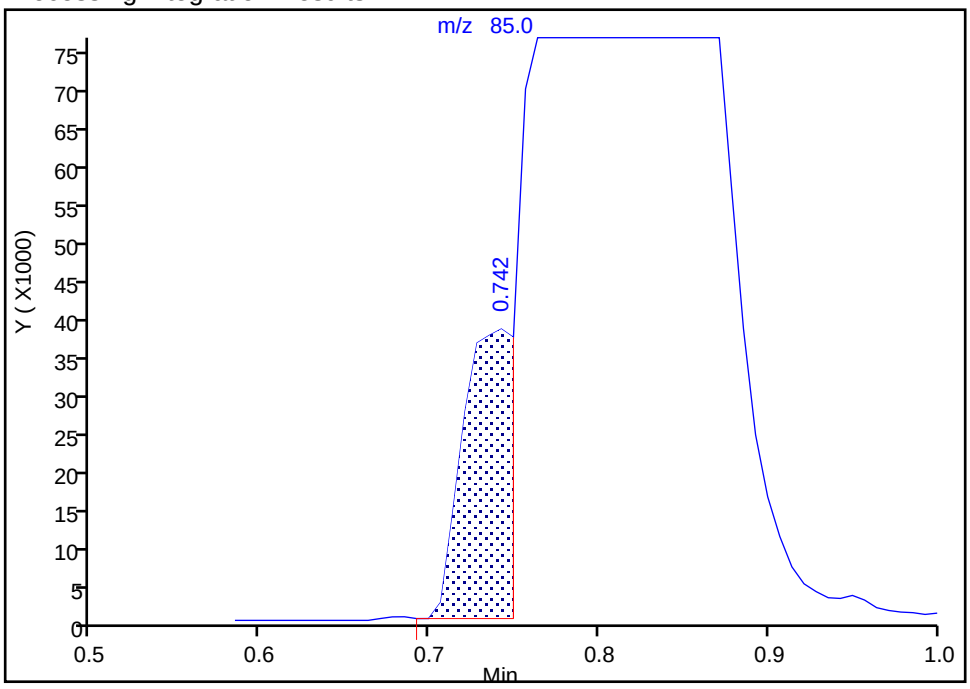
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 2

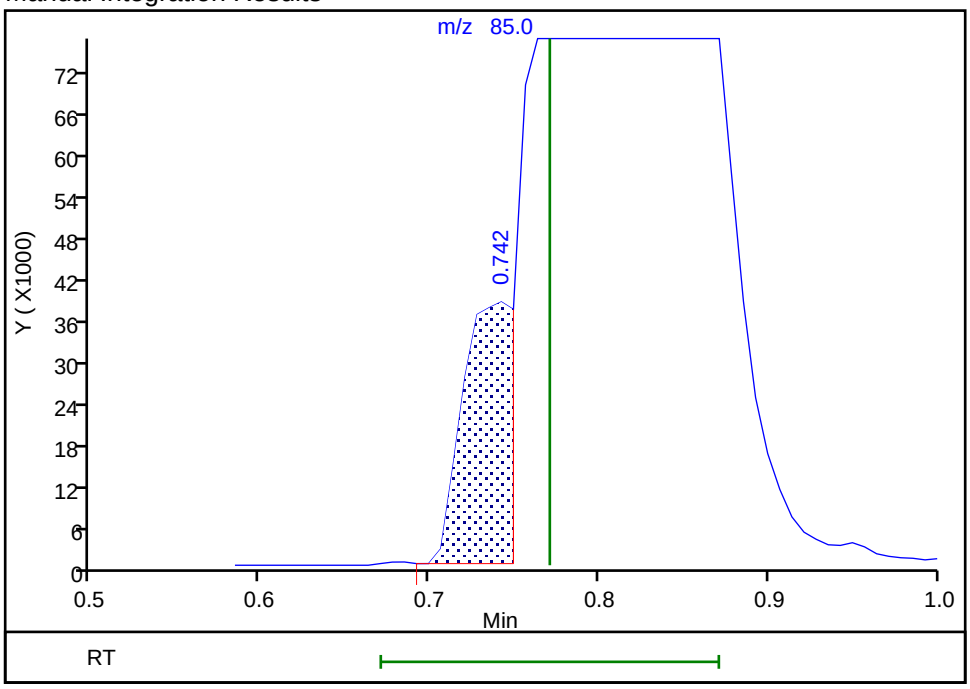
Processing Integration Results

RT: 0.74
Area: 82299
Amount: 219.9539
Amount Units: ug/l



Manual Integration Results

RT: 0.74
Area: 82299
Amount: 406.5678
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 19:57:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

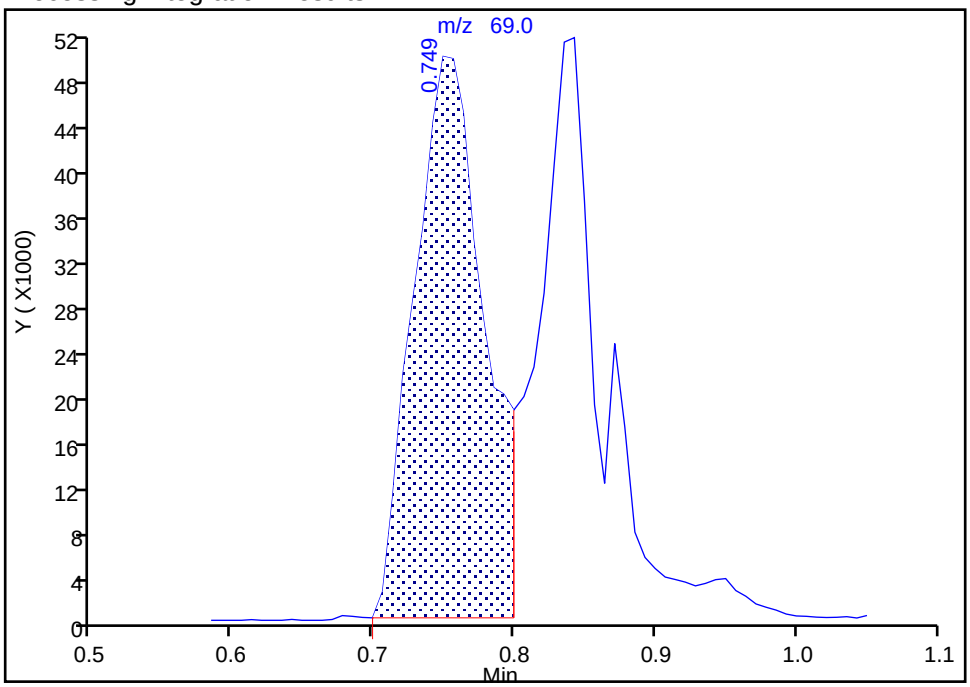
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 3

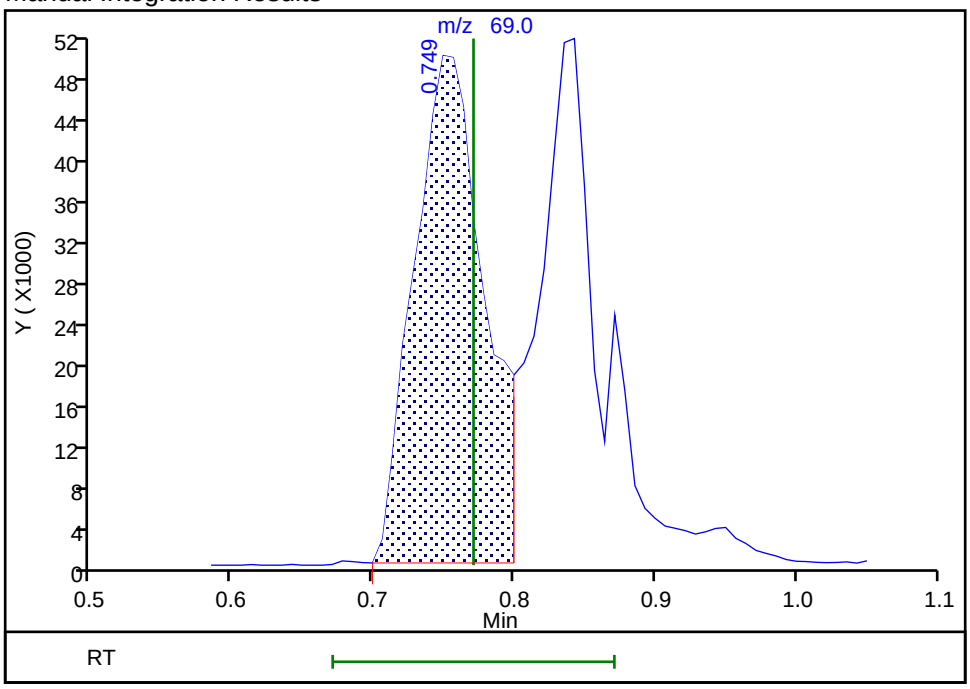
Processing Integration Results

RT: 0.75
Area: 174194
Amount: 219.9539
Amount Units: ug/l



Manual Integration Results

RT: 0.75
Area: 174194
Amount: 406.5678
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 19:57:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

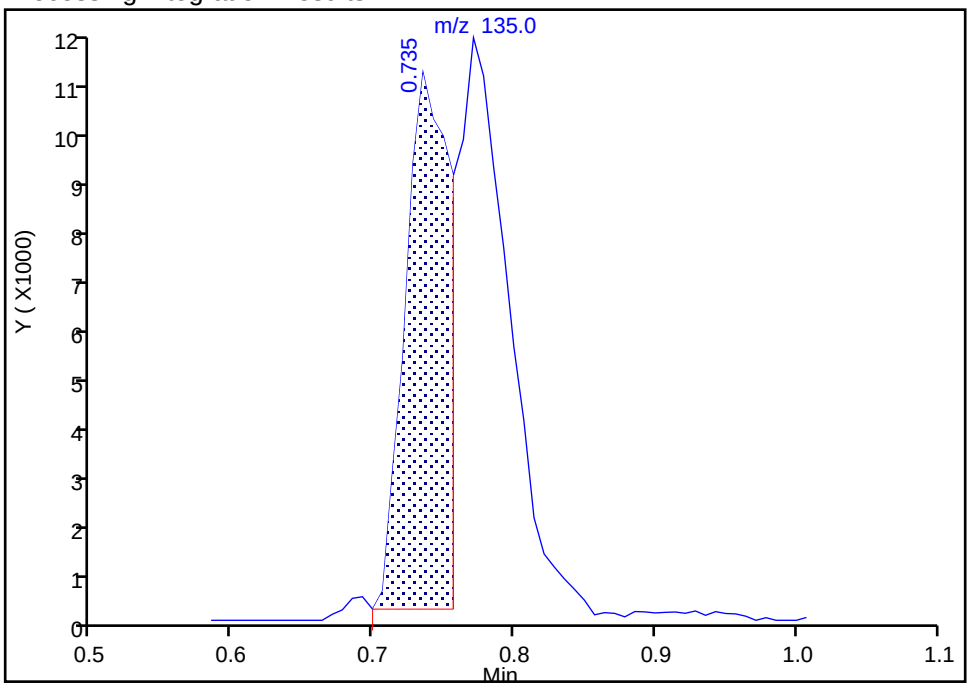
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 4

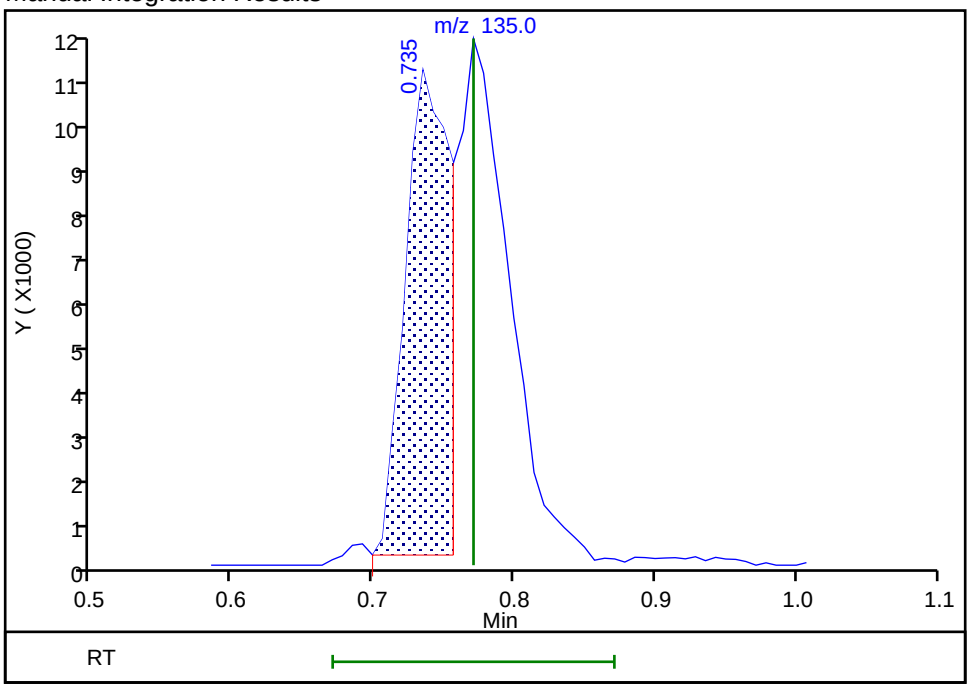
Processing Integration Results

RT: 0.73
Area: 23226
Amount: 219.9539
Amount Units: ug/l



Manual Integration Results

RT: 0.73
Area: 23226
Amount: 406.5678
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 19:57:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

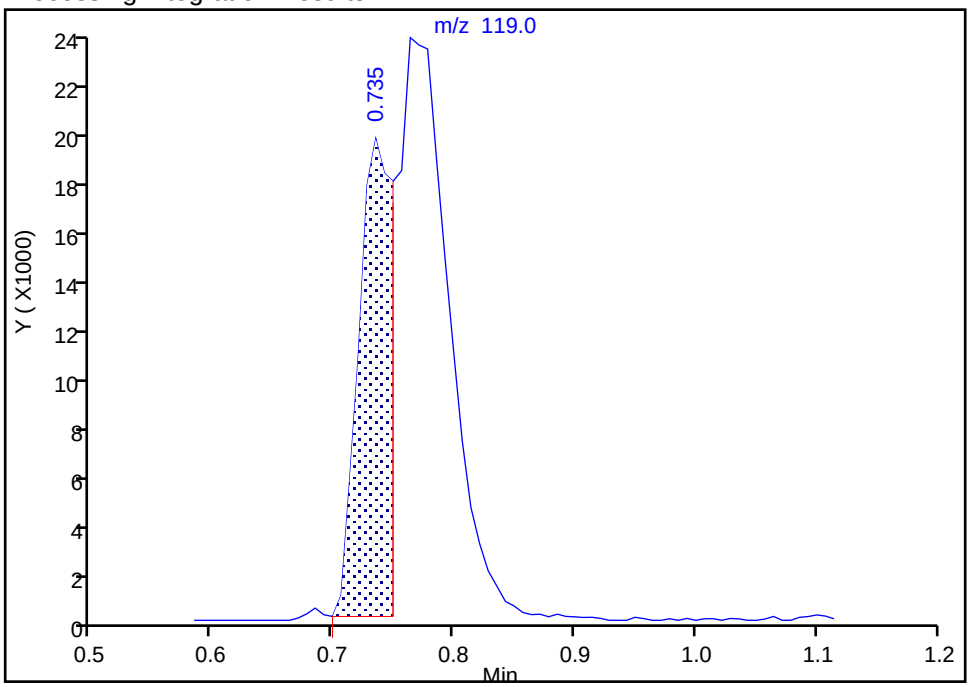
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

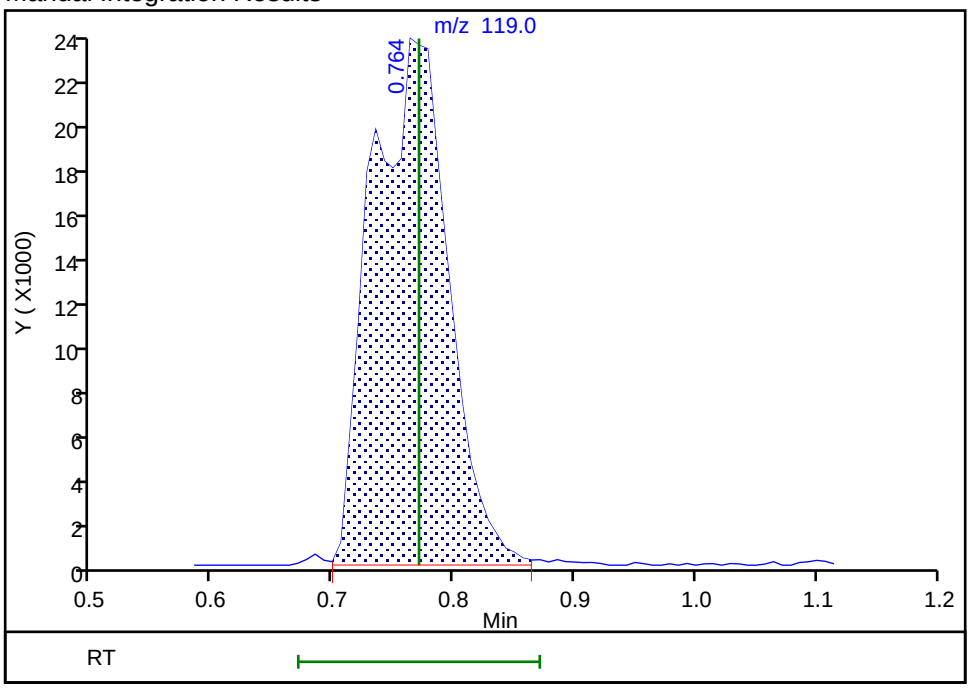
Processing Integration Results

RT: 0.73
Area: 38000
Amount: 219.9539
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 103425
Amount: 406.5678
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:03:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

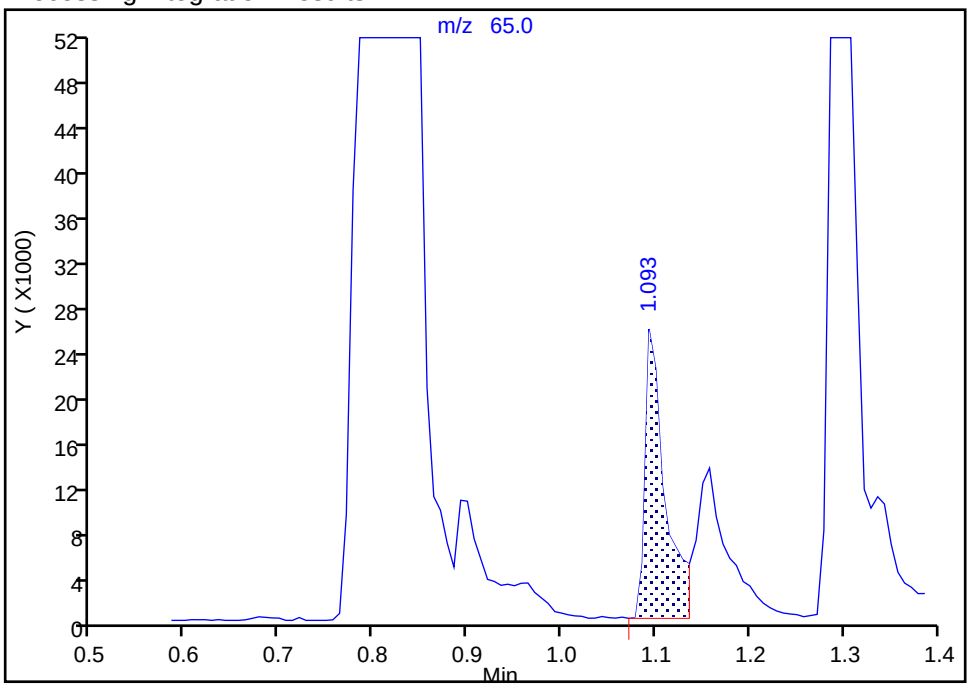
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

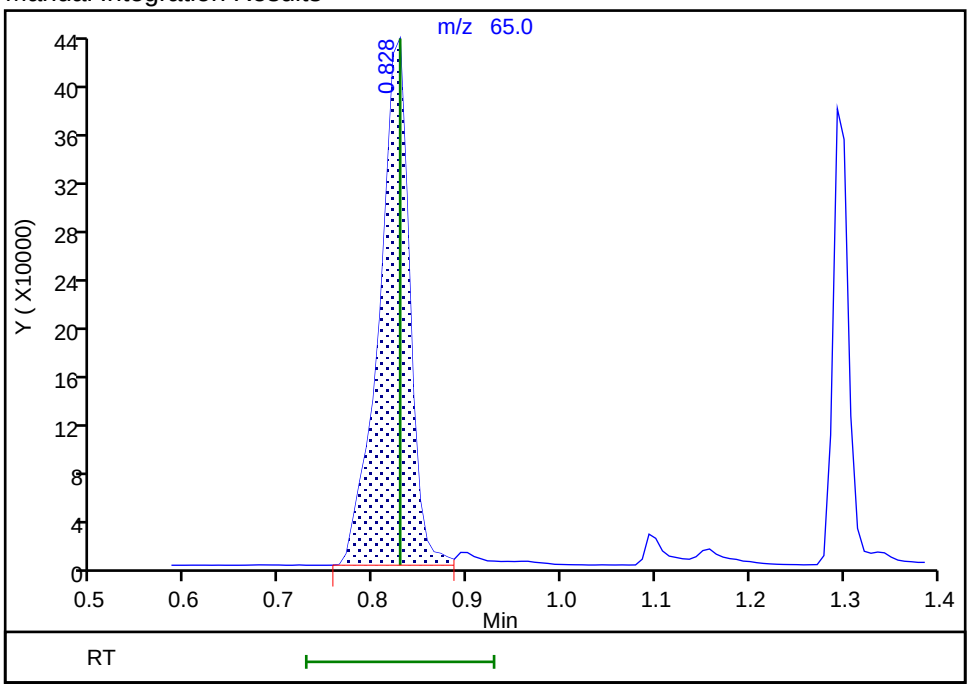
Processing Integration Results

RT: 1.09
Area: 37956
Amount: 500.5959
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 985181
Amount: 432.7313
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:25:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

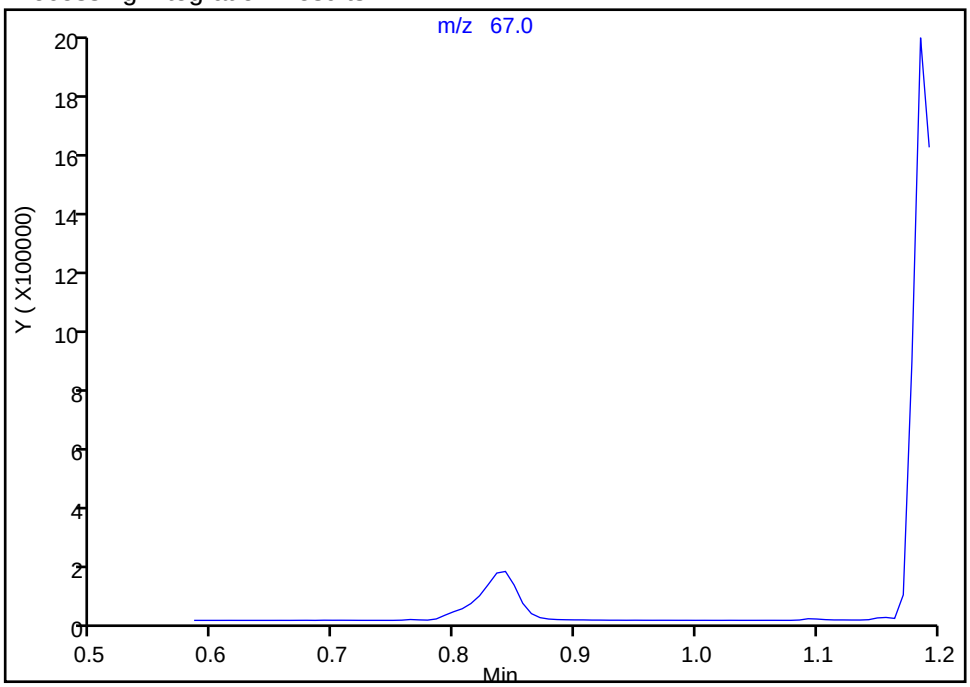
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

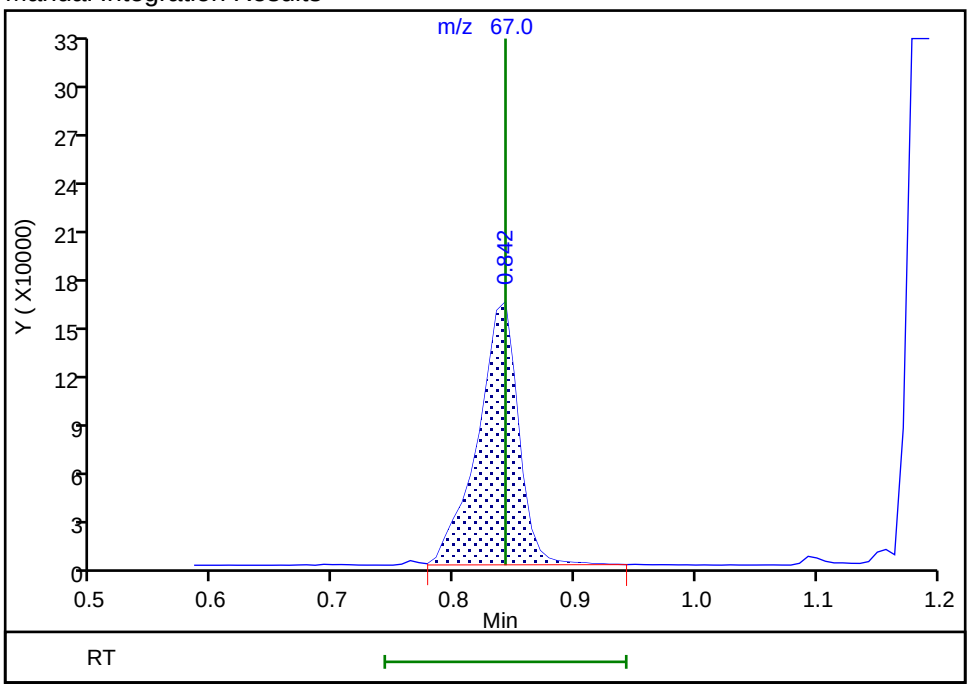
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 378913
Amount: 438.5889
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:25:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

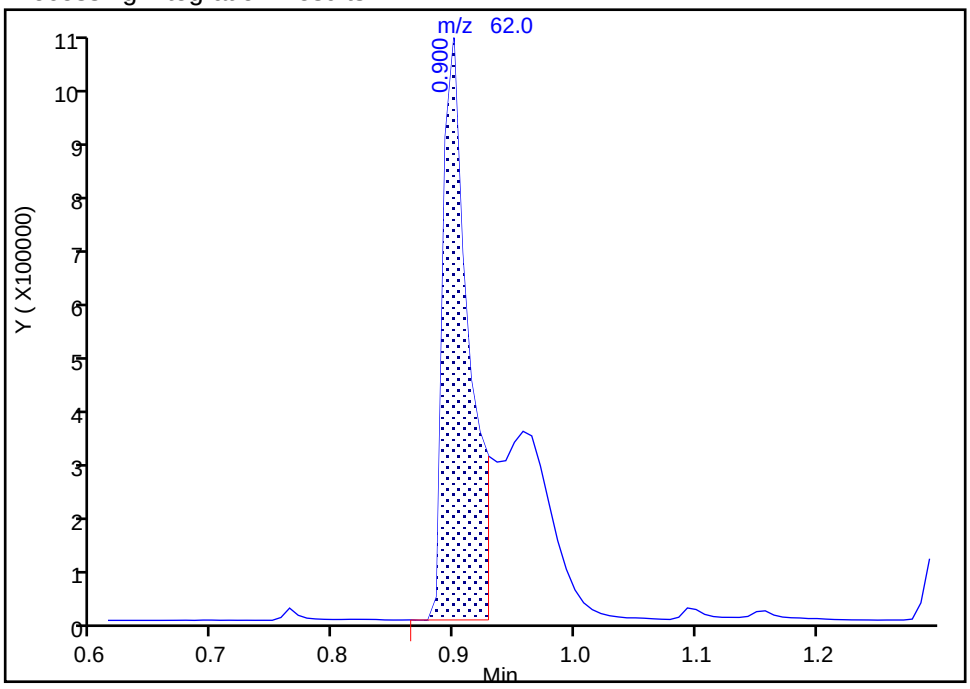
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

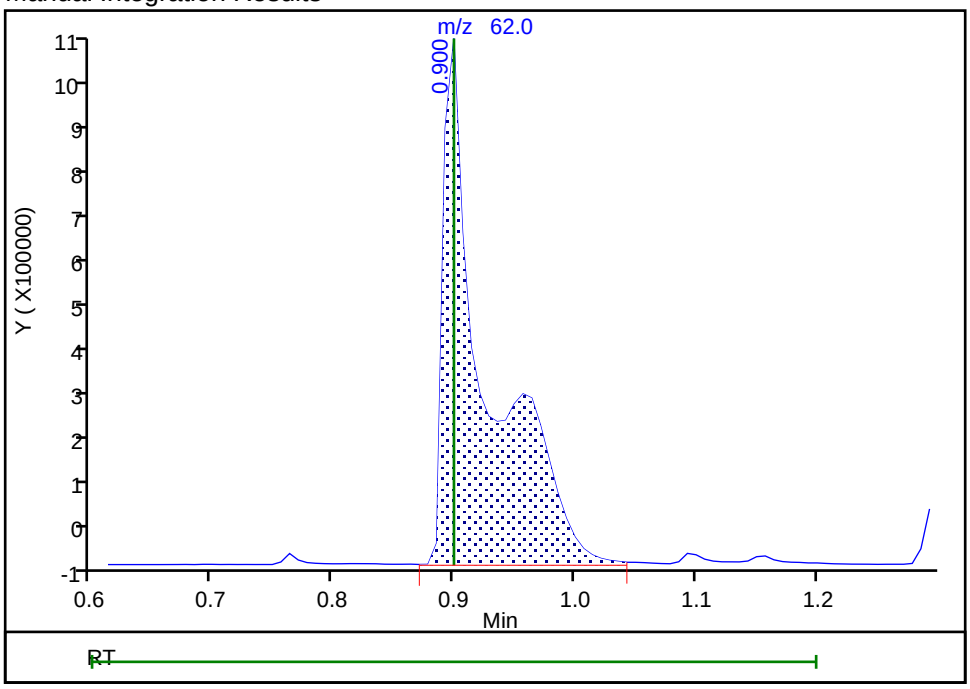
Processing Integration Results

RT: 0.90
Area: 1626960
Amount: 302.6821
Amount Units: ug/l



Manual Integration Results

RT: 0.90
Area: 2715278
Amount: 463.4283
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:16:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

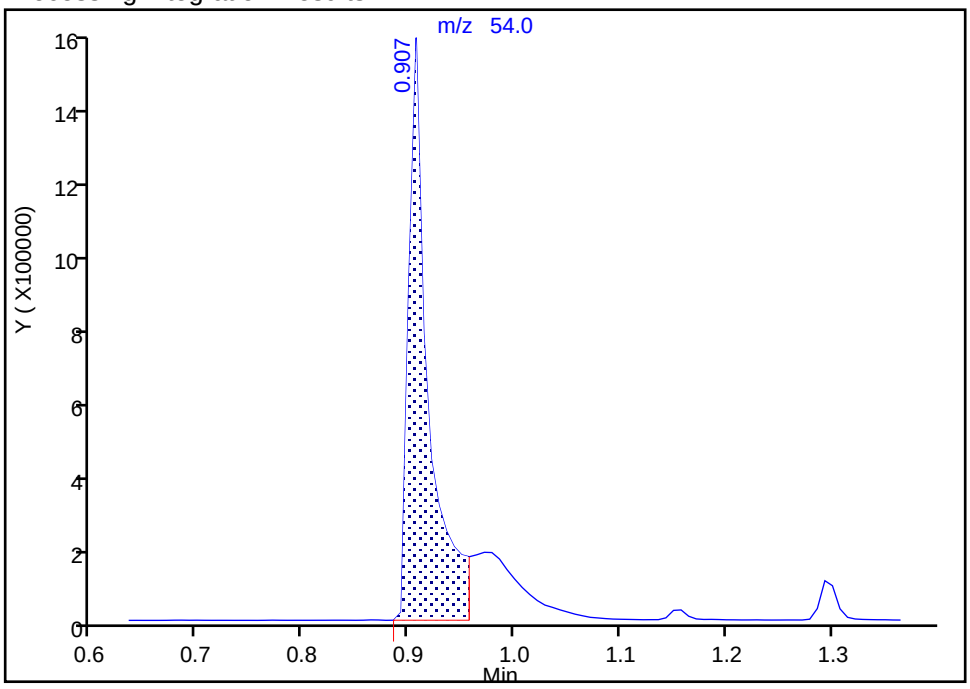
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

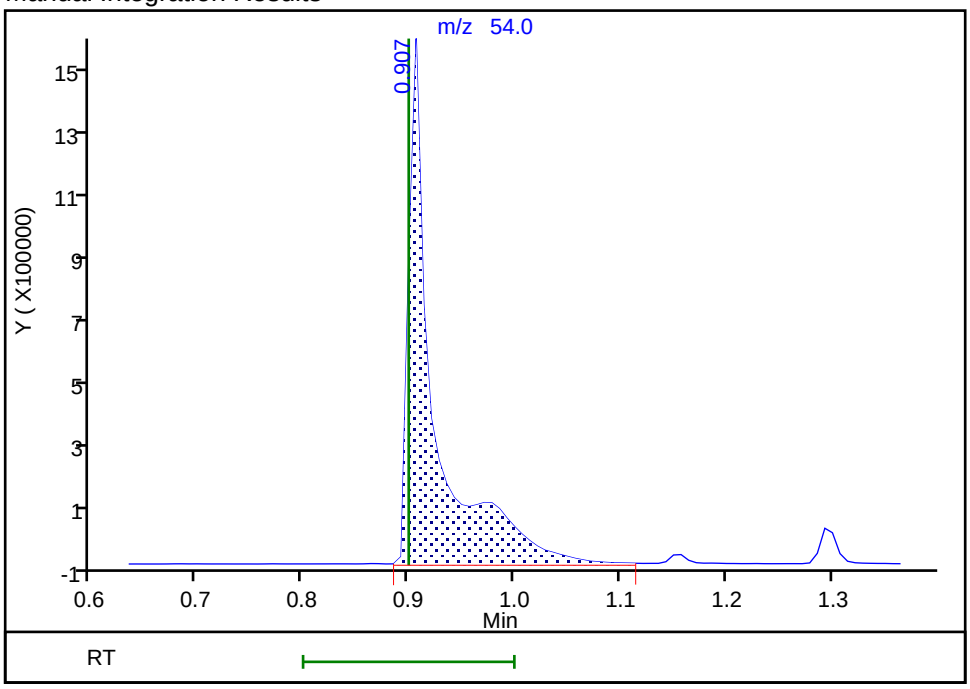
Processing Integration Results

RT: 0.91
Area: 2058488
Amount: 414.6286
Amount Units: ug/l



Manual Integration Results

RT: 0.91
Area: 2694930
Amount: 513.5160
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:16:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

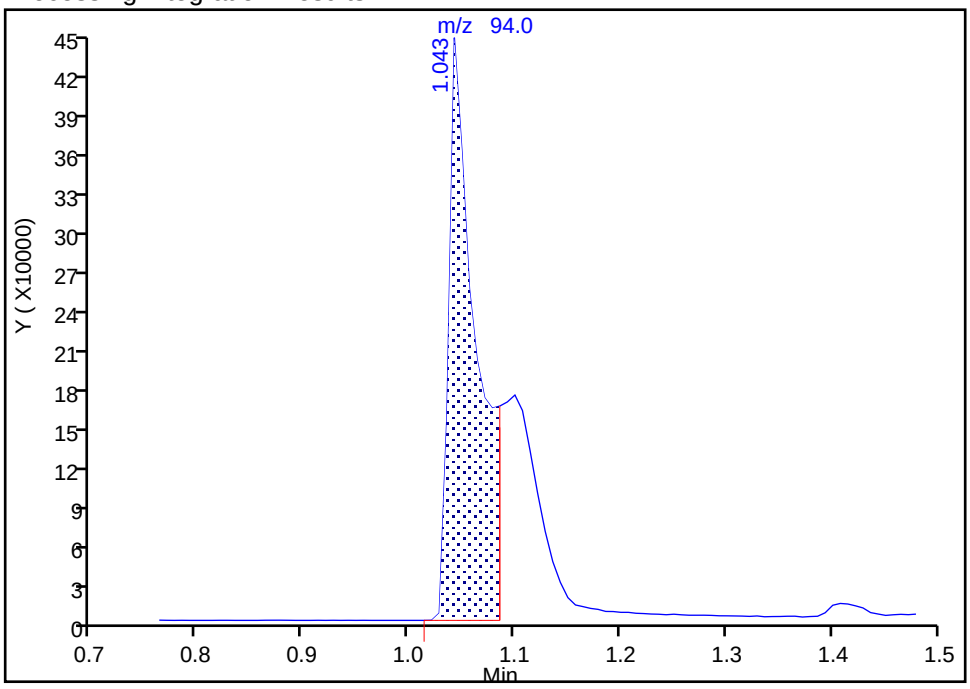
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

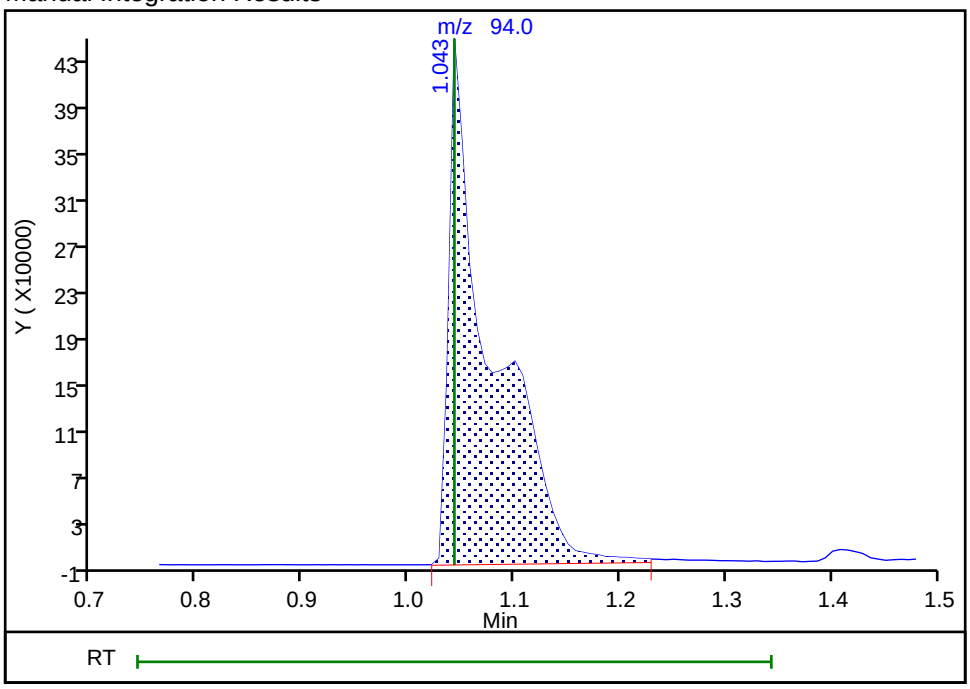
Processing Integration Results

RT: 1.04
Area: 825340
Amount: 419.4854
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 1232710
Amount: 498.5538
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:16:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

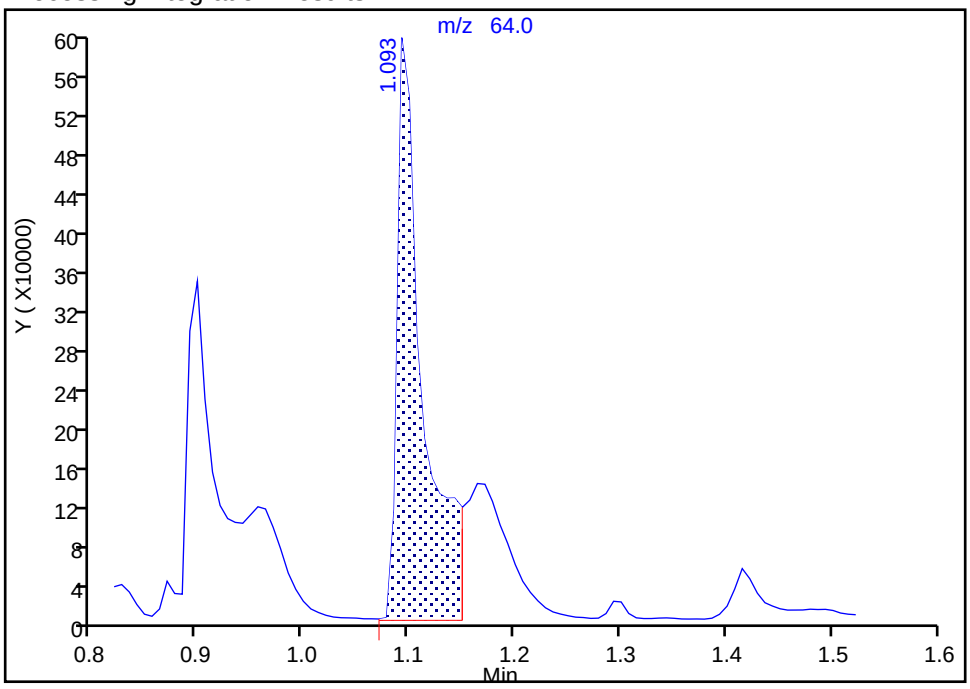
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

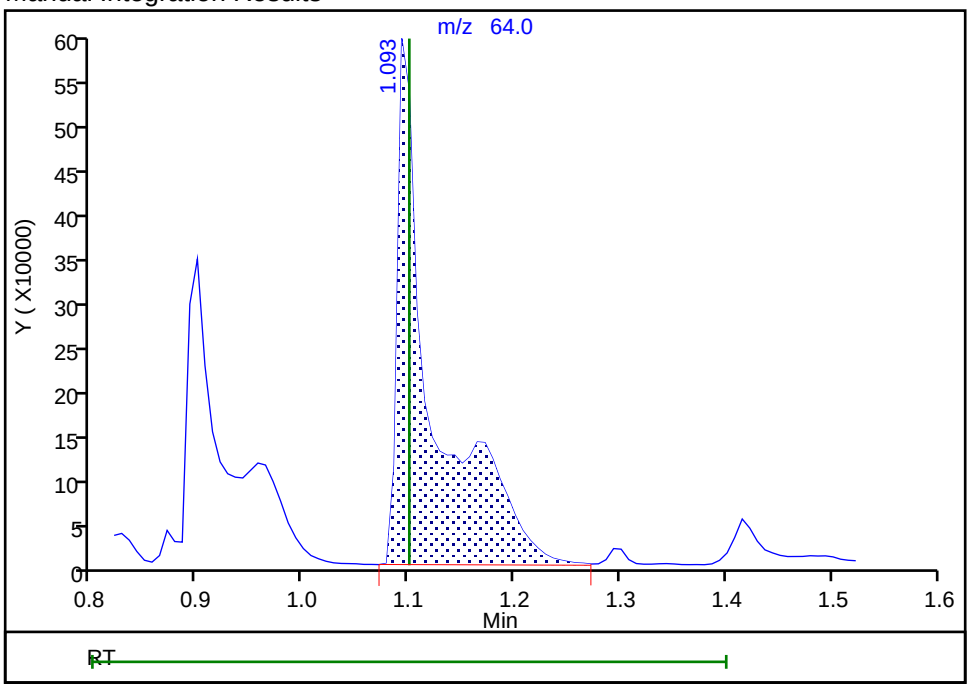
Processing Integration Results

RT: 1.09
Area: 1018559
Amount: 290.9023
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 1387146
Amount: 324.4384
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:16:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

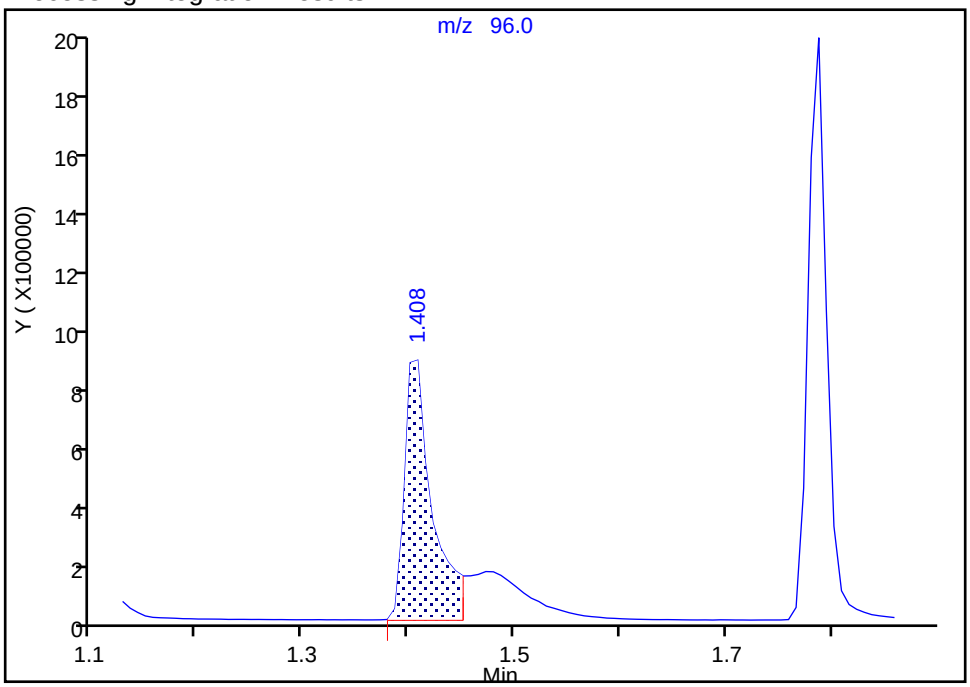
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

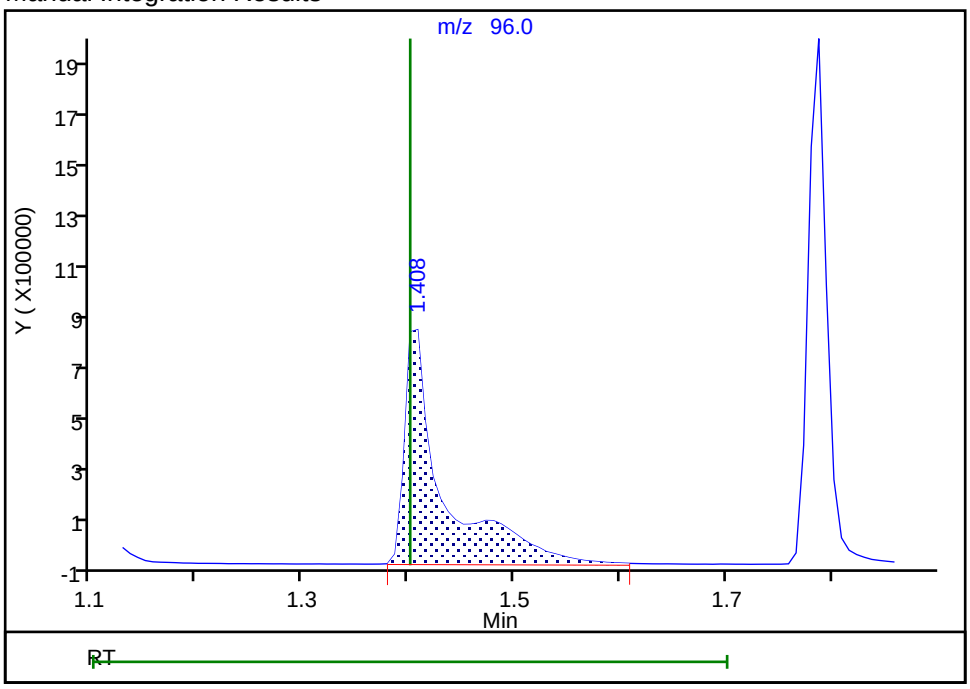
Processing Integration Results

RT: 1.41
Area: 1565260
Amount: 395.9847
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 2207777
Amount: 506.3233
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:16:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

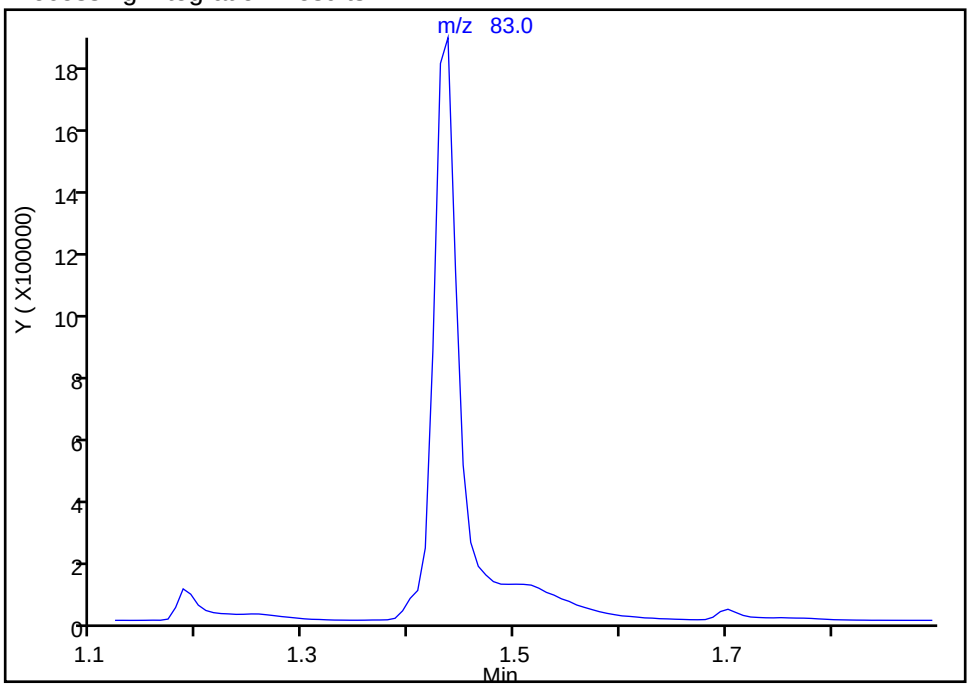
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

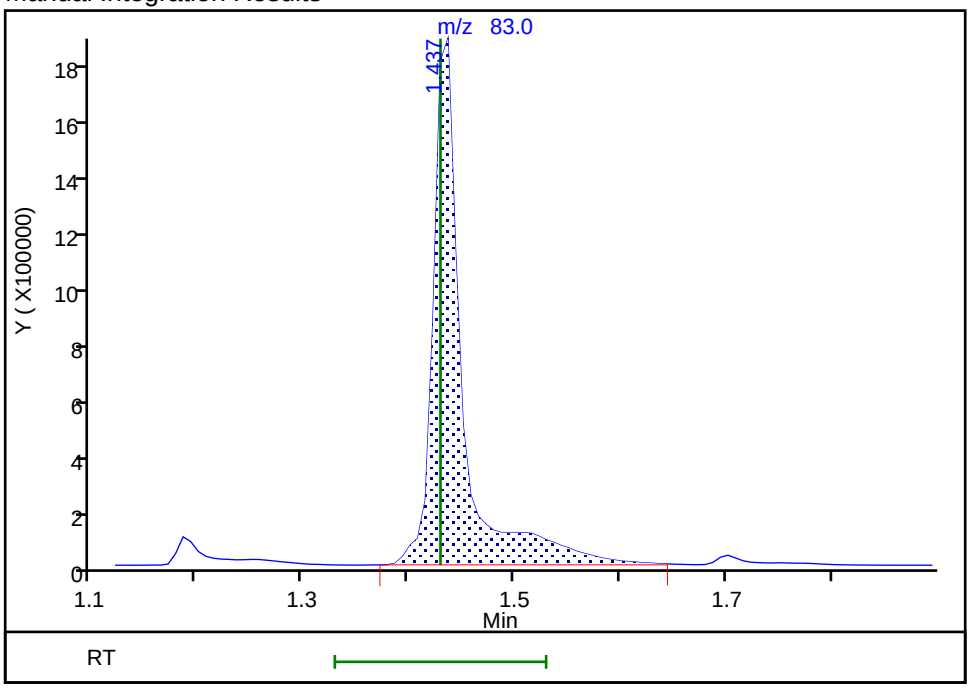
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.44
Area: 3538923
Amount: 511.9806
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:16:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

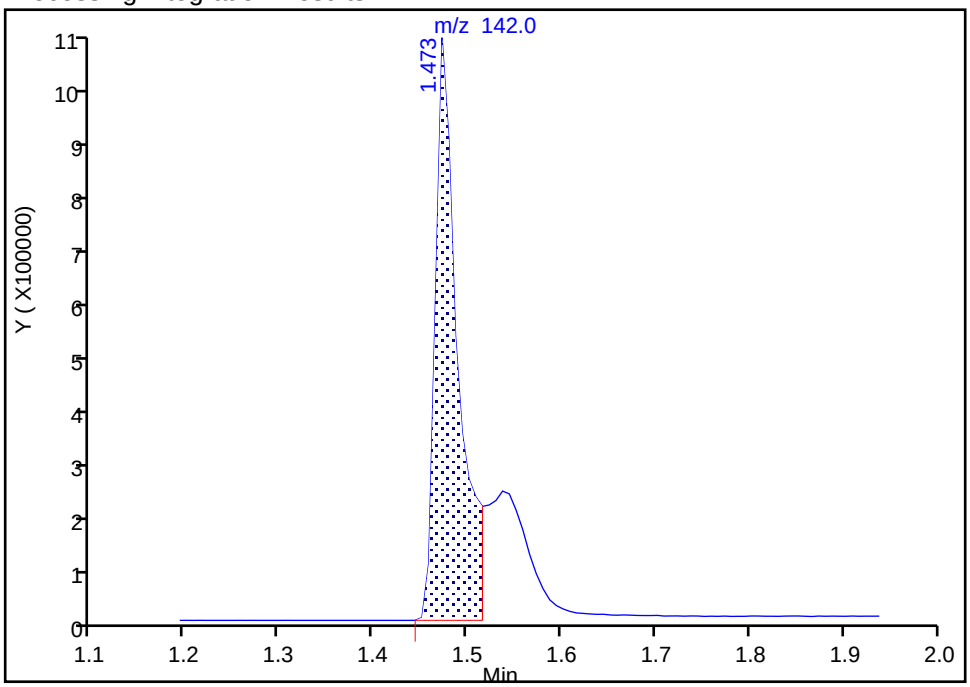
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

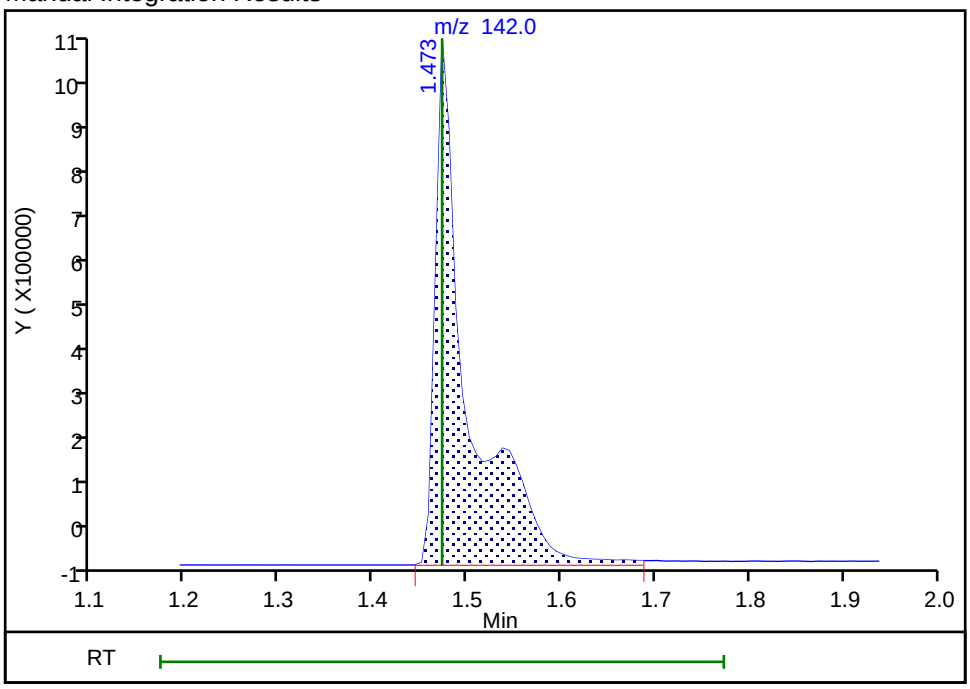
Processing Integration Results

RT: 1.47
Area: 1715189
Amount: 491.2297
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 2438951
Amount: 498.8240
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:17:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

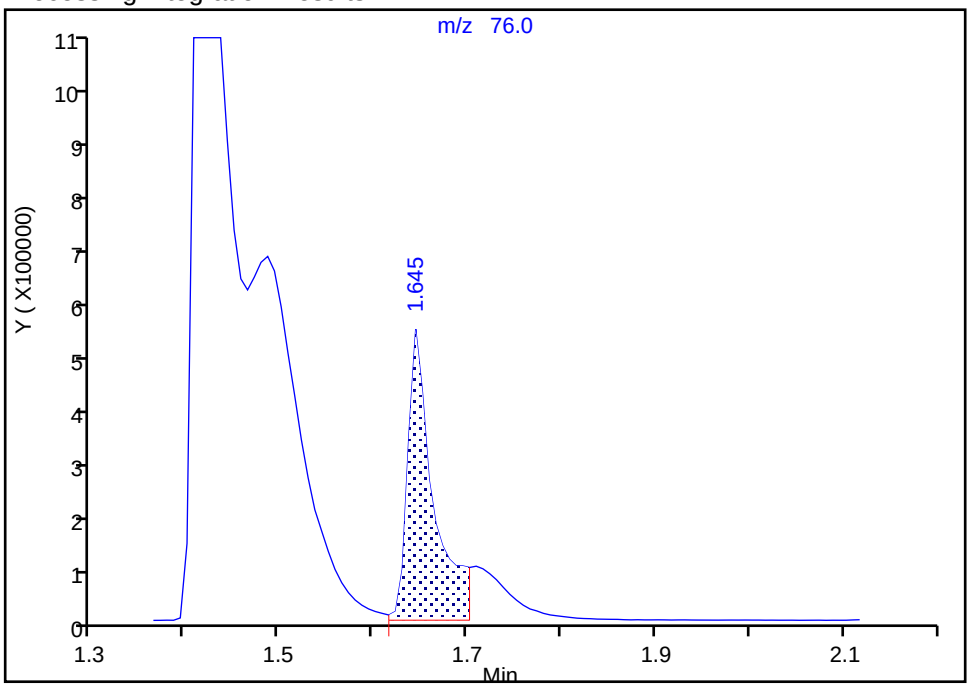
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

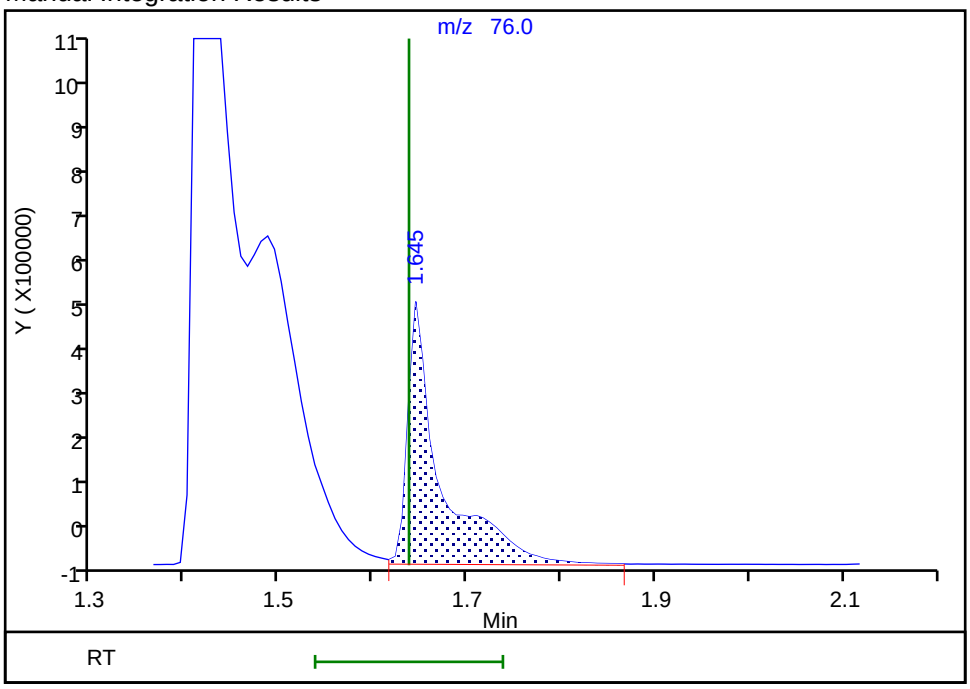
Processing Integration Results

RT: 1.64
Area: 1046249
Amount: 409.6746
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1326902
Amount: 488.7912
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:17:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

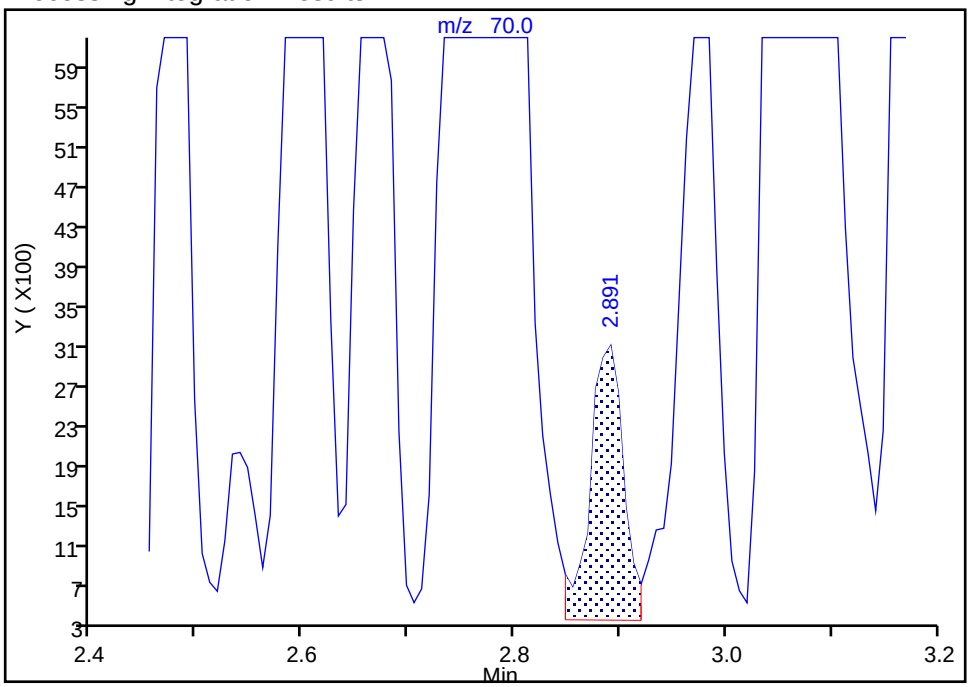
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

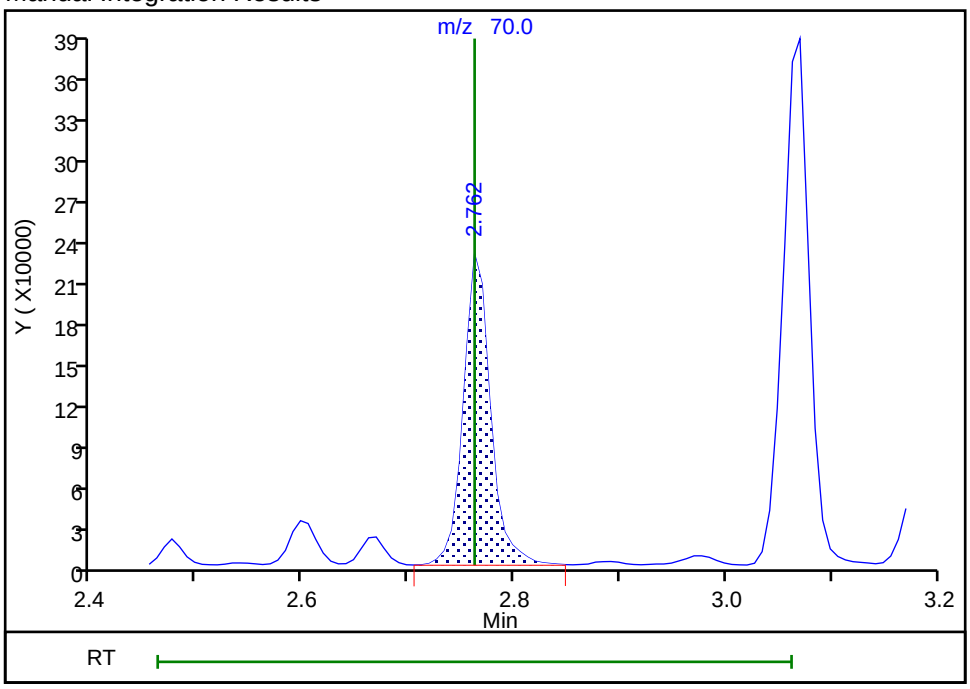
Processing Integration Results

RT: 2.89
Area: 6091
Amount: 19.133147
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 406223
Amount: 1032.0902
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:17:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

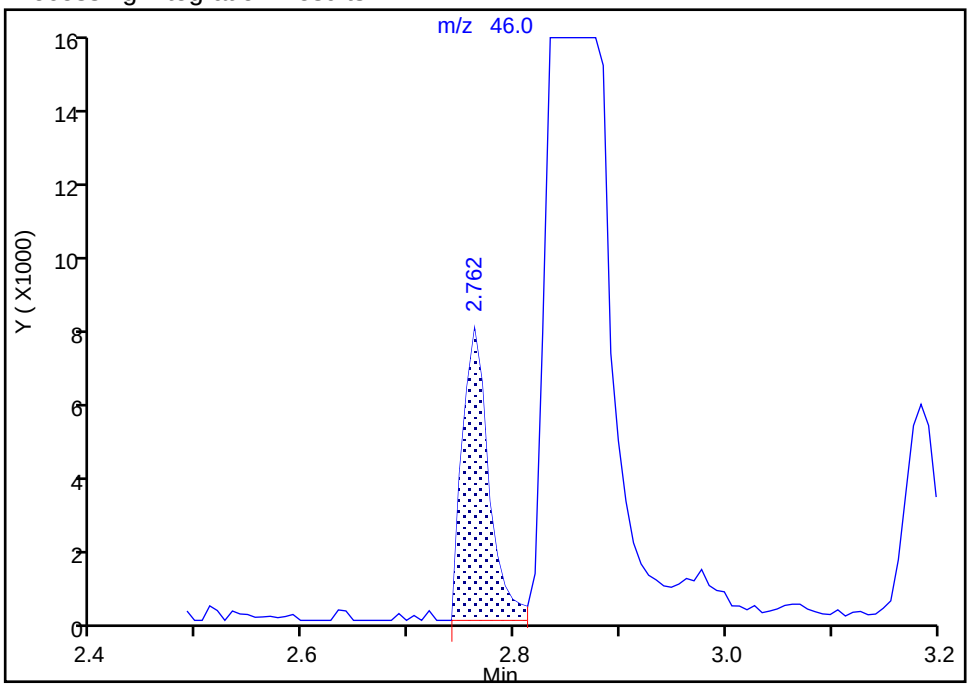
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 53 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

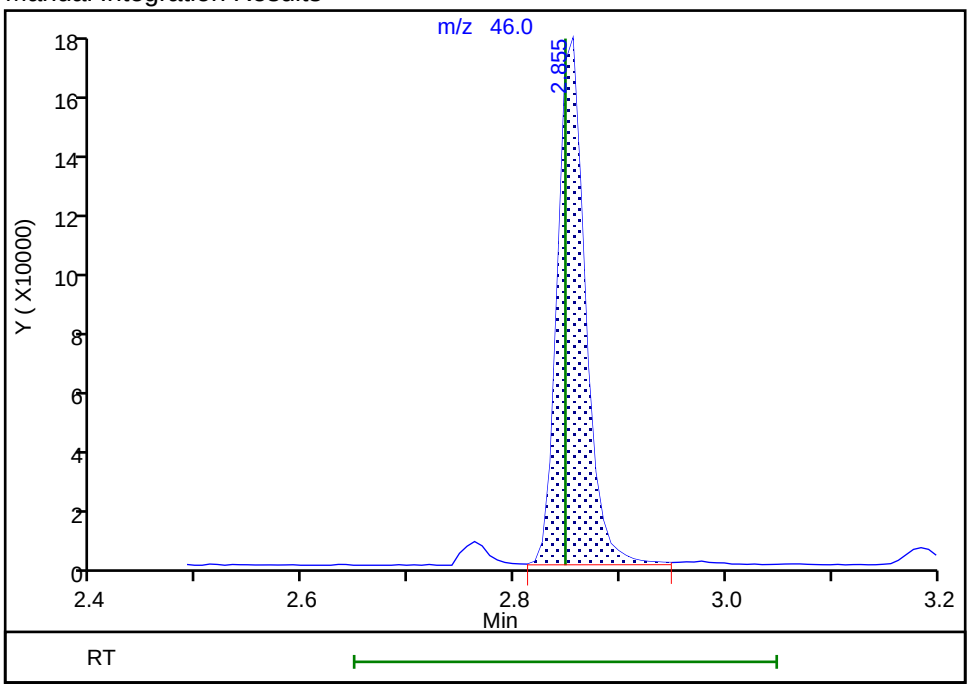
Processing Integration Results

RT: 2.76
Area: 13694
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.86
Area: 319265
Amount: 250.0000
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:25:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

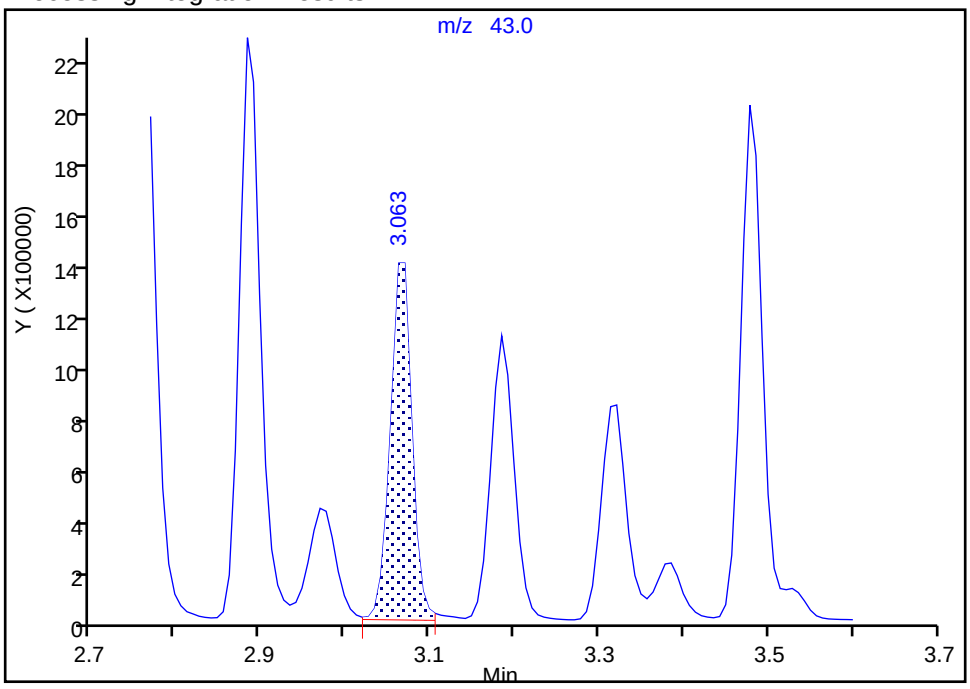
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

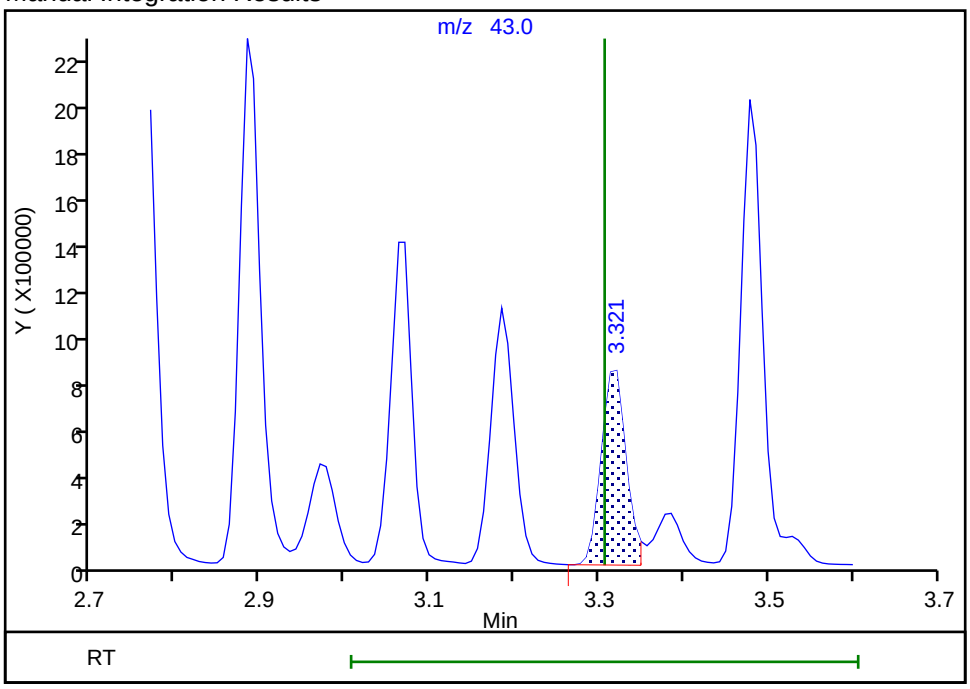
Processing Integration Results

RT: 3.06
Area: 2424463
Amount: 12504
Amount Units: ug/l



Manual Integration Results

RT: 3.32
Area: 1699495
Amount: 14333
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 10:18:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-Jul-2020 12:29:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0112940-017
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:44:49 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: baronm Date: 09-Jul-2020 11:52:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	88	929	1.00	1.06	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	96	5371	1.00	1.15	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	95	2252	1.00	1.32	
5 Chlorodifluoromethane	67	0.828	0.842	-0.014	95	818	1.00	1.27	
7 Vinyl chloride	62	0.900	0.900	0.000	61	5010	1.00	1.14	
6 Chloromethane	50	0.900	0.900	0.000	81	6529	1.00	1.11	
8 Butadiene	54	0.900	0.900	0.000	89	4129	1.00	1.05	
9 Bromomethane	94	1.043	1.043	0.000	94	2131	1.00	1.09	M
10 Chloroethane	64	1.100	1.100	0.000	99	3776	1.00	1.18	
11 Pentane	72	1.158	1.158	0.000	97	1362	2.00	2.35	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	62	5322	1.00	0.9495	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	97	6932	1.00	1.02	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	5397	1.00	0.9437	
15 Ethyl ether	59	1.308	1.308	0.000	94	2909	1.00	0.9470	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	3704	1.00	1.14	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	83	5676	1.00	1.14	
19 Carbon disulfide	76	1.415	1.415	0.000	100	13981	1.00	1.16	
16 Ethanol	46	1.415	1.415	0.000	29	990	40.0	64.7	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	84	3400	1.00	1.04	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	94	5919	1.00	1.14	a
22 Iodomethane	142	1.480	1.473	0.007	95	1384	1.00	0.3514	M
23 Cyclopentene	67	1.552	1.552	0.000	97	9490	1.00	1.05	
24 Acrolein	56	1.573	1.573	0.000	91	1108	4.00	3.97	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	86	2079	1.00	1.02	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	1499	10.0	10.3	
27 Methylene Chloride	84	1.702	1.702	0.000	95	4336	1.00	1.10	M
28 Acetone	43	1.723	1.731	-0.008	84	4719	5.00	6.59	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	4390	1.00	1.21	
30 Methyl acetate	43	1.795	1.795	0.000	90	3494	2.00	2.26	
31 Hexane	86	1.831	1.824	0.007	84	769	1.00	0.9183	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	91	8193	1.00	0.8984	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	99	190551	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.910	1.917	-0.007	99	3519	10.0	16.3	
35 Acetonitrile	41	2.003	1.989	0.014	99	2994	10.0	10.4	
36 Isopropyl ether	45	2.067	2.067	0.000	94	8891	1.00	0.9165	
37 2-Chloro-1,3-butadiene	88	2.125	2.117	0.008	92	3087	1.00	1.11	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	99	5874	1.00	1.04	
39 Acrylonitrile	53	2.168	2.168	0.000	96	8156	10.0	8.86	
40 Tert-butyl ethyl ether	59	2.296	2.289	0.007	91	7625	1.00	0.8571	
41 Vinyl acetate	43	2.311	2.297	0.014	100	9911	2.00	1.70	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	95	3795	1.00	1.15	
43 2,2-Dichloropropane	77	2.533	2.540	-0.007	89	4261	1.00	1.09	
44 Cyclohexane	56	2.604	2.597	0.007	94	5160	1.00	1.03	
45 Chlorobromomethane	128	2.612	2.605	0.007	86	1717	1.00	1.13	
46 Chloroform	83	2.662	2.662	0.000	97	5661	1.00	1.06	
47 Carbon tetrachloride	117	2.748	2.748	0.000	90	3308	1.00	0.99	
49 Methyl acrylate	55	2.769	2.762	0.007	47	1541	1.00	0.7504	
48 Ethyl acetate	70	2.762	2.762	0.000	95	556	2.00	2.24	
50 Tetrahydrofuran	42	2.776	2.769	0.007	43	1900	2.00	2.25	
$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	97	135665	50.0	50.4	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	36	4314	1.00	1.00	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	201418	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	79	1361	5.00	5.12	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	92	5085	1.00	1.17	a
56 Isooctane	57	2.970	2.970	0.000	93	8016	1.00	1.09	
58 Benzene	78	3.070	3.063	0.007	96	12345	1.00	1.01	
57 n-Heptane	57	3.063	3.063	0.000	55	2146	1.00	1.16	
59 Propionitrile	54	3.092	3.092	0.000	60	3256	10.0	10.7	
60 Methacrylonitrile	67	3.113	3.106	0.007	93	7625	10.0	7.26	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	151167	50.0	46.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	38	6166	1.00	0.8303	a
63 1,2-Dichloroethane	62	3.228	3.228	0.000	93	4444	1.00	1.11	
64 Isobutyl alcohol	43	3.314	3.307	0.007	91	1704	25.0	24.1	
65 t-Amyl alcohol	59	3.378	3.371	0.007	79	1165	10.0	10.0	a
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	576399	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	90	3434	1.00	0.7546	
68 Methylcyclohexane	83	3.529	3.521	0.007	93	4459	1.00	0.9484	
69 Trichloroethene	130	3.550	3.550	0.000	89	2932	1.00	0.9519	
70 2-ethoxy-2-methyl butane	59	3.794	3.786	0.008	91	5970	1.00	0.9133	
71 Dibromomethane	93	3.922	3.908	0.014	93	1686	1.00	0.9699	
72 n-Butanol	56	3.973	3.930	0.043	34	310	25.0	6.61	a
73 1,2-Dichloropropane	63	4.001	3.994	0.007	86	2817	1.00	0.9236	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	3577	1.00	0.9418	
74 Ethyl acrylate	55	4.137	4.080	0.057	33	1869	1.00	1.03	Ma
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	63	19891	1000.0	1000.0	
77 Methyl methacrylate	100	4.288	4.274	0.014	77	836	2.00	1.41	
78 1,4-Dioxane	88	4.288	4.281	0.007	62	1410	50.0	53.3	
79 n-Propyl acetate	43	4.460	4.431	0.029	71	1692	1.00	1.02	
81 cis-1,3-Dichloropropene	75	4.725	4.710	0.015	96	3495	1.00	0.8242	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	490691	50.0	50.2	
83 Toluene	91	4.954	4.954	0.000	93	13219	1.00	1.05	
84 Epichlorohydrin	57	5.018	4.983	0.035	6	1420	20.0	13.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.205	5.205	0.000	42	1025	2.00	1.91	a
86 Tetrachloroethene	166	5.377	5.369	0.008	93	3072	1.00	1.05	
87 4-Methyl-2-pentanone (MIBK)	43	5.441	5.420	0.021	96	6594	5.00	3.76	
88 trans-1,3-Dichloropropene	75	5.513	5.455	0.058	42	2605	1.00	0.6941	
89 1,1,2-Trichloroethane	83	5.642	5.620	0.022	93	1761	1.00	0.8840	
90 Ethyl methacrylate	69	5.763	5.713	0.050	58	1361	1.00	1.01	a
91 Chlorodibromomethane	129	5.828	5.814	0.014	95	1733	1.00	0.7205	
92 1,3-Dichloropropane	76	5.942	5.928	0.014	89	3592	1.00	0.8825	
93 Ethylene Dibromide	107	6.086	6.057	0.029	85	1462	1.00	0.6673	
94 n-Butyl acetate	43	6.437	6.415	0.022	97	1729	1.00	1.01	
95 2-Hexanone	43	6.501	6.473	0.028	93	3471	5.00	2.67	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	403156	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	8646	1.00	1.10	
98 Ethylbenzene	106	6.859	6.845	0.014	98	4334	1.00	0.99	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	86	1938	1.00	0.7915	
100 m-Xylene & p-Xylene	106	7.096	7.060	0.036	0	5336	1.00	1.02	M
101 o-Xylene	106	7.662	7.640	0.022	97	4286	1.00	0.8802	
102 Bromoform	173	7.740	7.705	0.035	87	975	1.00	1.02	
103 Styrene	104	7.805	7.733	0.072	95	5915	1.00	0.7453	
104 n-Butyl acrylate	73	8.113	8.070	0.043	35	517	1.00	1.02	
105 Isopropylbenzene	105	8.142	8.127	0.015	96	12607	1.00	0.9591	
106 Amyl acetate (mixed isomers)	43	8.535	8.478	0.057	37	1936	1.00	1.01	a
$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	95	156314	50.0	48.5	
108 Bromobenzene	156	8.607	8.600	0.007	96	3510	1.00	1.03	M
109 N-Propylbenzene	91	8.772	8.758	0.014	99	14847	1.00	0.9328	
110 1,1,2,2-Tetrachloroethane	83	8.922	8.908	0.014	56	2305	1.00	0.8287	
111 2-Chlorotoluene	91	8.944	8.922	0.022	97	10943	1.00	0.9832	
112 4-Ethyltoluene	105	8.965	8.944	0.021	97	12213	1.00	0.9212	
113 1,2,3-Trichloropropane	110	9.058	9.037	0.021	87	670	1.00	0.8560	
114 1,3,5-Trimethylbenzene	105	9.109	9.101	0.007	92	11009	1.00	1.00	
115 trans-1,4-Dichloro-2-butene	53	9.144	9.173	-0.029	1	189	1.00	0.2578	a
116 4-Chlorotoluene	91	9.223	9.187	0.036	96	9635	1.00	0.9707	M
117 tert-Butylbenzene	119	9.567	9.560	0.007	91	9021	1.00	0.9850	
118 1,2,4-Trimethylbenzene	105	9.710	9.696	0.014	98	9818	1.00	0.8756	
119 Butyl Methacrylate	87	9.732	9.710	0.022	94	1680	1.00	1.02	
120 sec-Butylbenzene	105	9.861	9.854	0.007	99	14758	1.00	1.03	
121 1,3-Dichlorobenzene	146	10.133	10.111	0.022	79	6339	1.00	0.9816	
122 4-Isopropyltoluene	119	10.140	10.133	0.007	95	10693	1.00	0.9163	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	222551	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	64	8470	1.00	1.20	
125 1,2,3-Trimethylbenzene	105	10.384	10.369	0.015	99	10802	1.00	0.9181	
126 2,3-Dihydroindene	117	10.563	10.541	0.022	94	11104	1.00	0.9489	
127 Benzyl chloride	126	10.756	10.727	0.029	69	321	1.00	1.02	
128 p-Diethylbenzene	119	10.763	10.742	0.021	91	5328	1.00	0.8958	
129 n-Butylbenzene	91	10.842	10.828	0.014	96	10404	1.00	0.9369	
130 1,2-Dichlorobenzene	146	10.949	10.928	0.021	94	6656	1.00	1.03	M
131 1,2,4,5-Tetramethylbenzene	119	11.945	11.938	0.007	97	9830	1.00	0.9047	
132 1,2-Dibromo-3-Chloropropane	157	12.095	12.081	0.014	1	374	1.00	0.7292	a
133 1,3,5-Trichlorobenzene	180	12.160	12.131	0.029	95	5503	1.00	1.11	
134 1,2,4-Trichlorobenzene	180	12.862	12.826	0.036	77	4086	1.00	0.9454	
135 Hexachlorobutadiene	225	12.848	12.848	0.000	90	1825	1.00	1.14	
136 Naphthalene	128	13.163	13.127	0.036	99	6863	1.00	0.7866	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.320	13.306	0.014	93	4447	1.00	1.10	
S 138 1,2-Dichloroethene, Total	100				0		2.00	2.36	
S 139 1,3-Dichloropropene, Total	100				0		2.00	1.52	
S 140 Xylenes, Total	100				0		2.00	1.90	
S 142 Total BTEX	1				0		5.00	4.95	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added:	10.00	Units: uL	
ACROLEIN W_00108	Amount Added:	4.00	Units: uL	
GASES Li_00376	Amount Added:	10.00	Units: uL	
524freon_00024	Amount Added:	10.00	Units: uL	
14DIOXINTER_00116	Amount Added:	30.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jul-2020 20:44:53 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13 Operator ID:

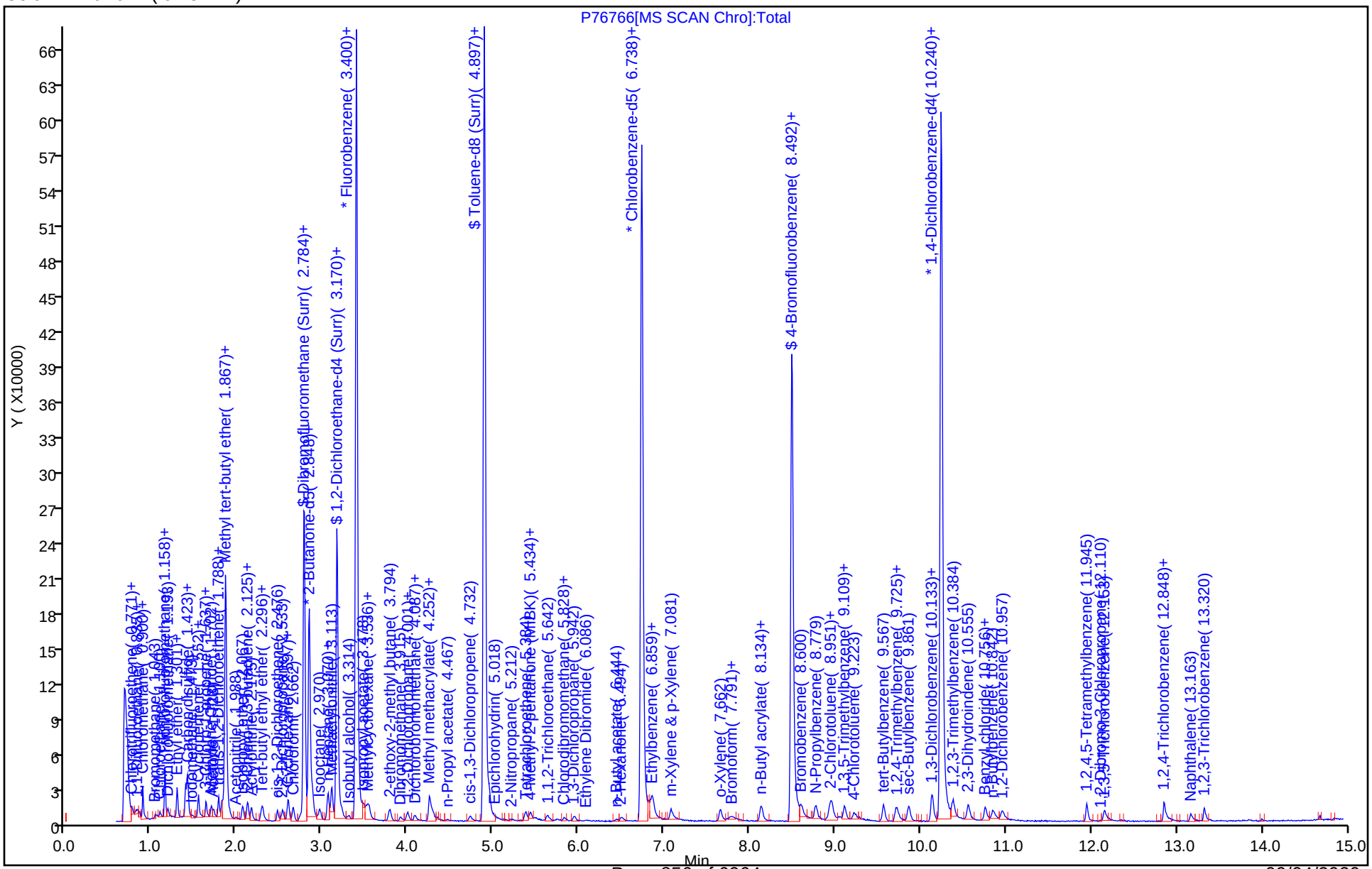
Lims ID: STD1 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

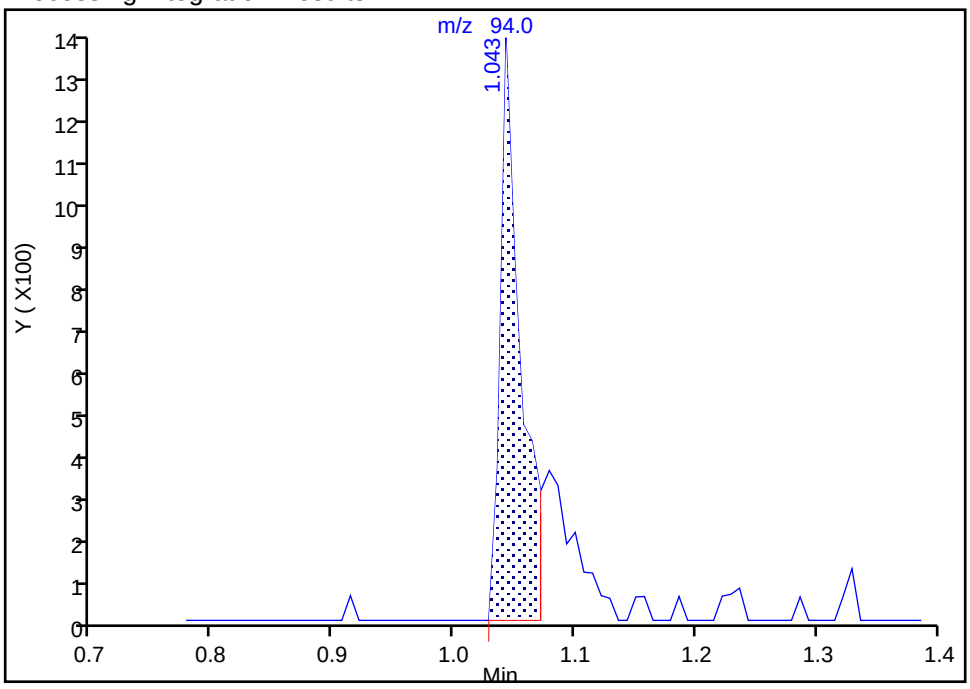
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

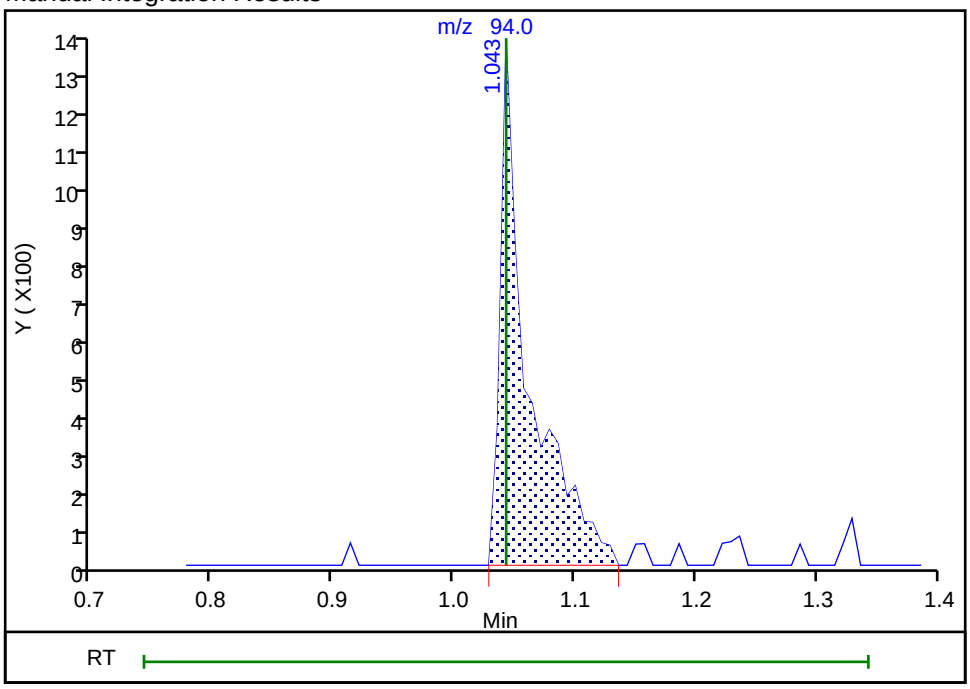
Processing Integration Results

RT: 1.04
Area: 1556
Amount: 1.017466
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 2131
Amount: 1.088767
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:47:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

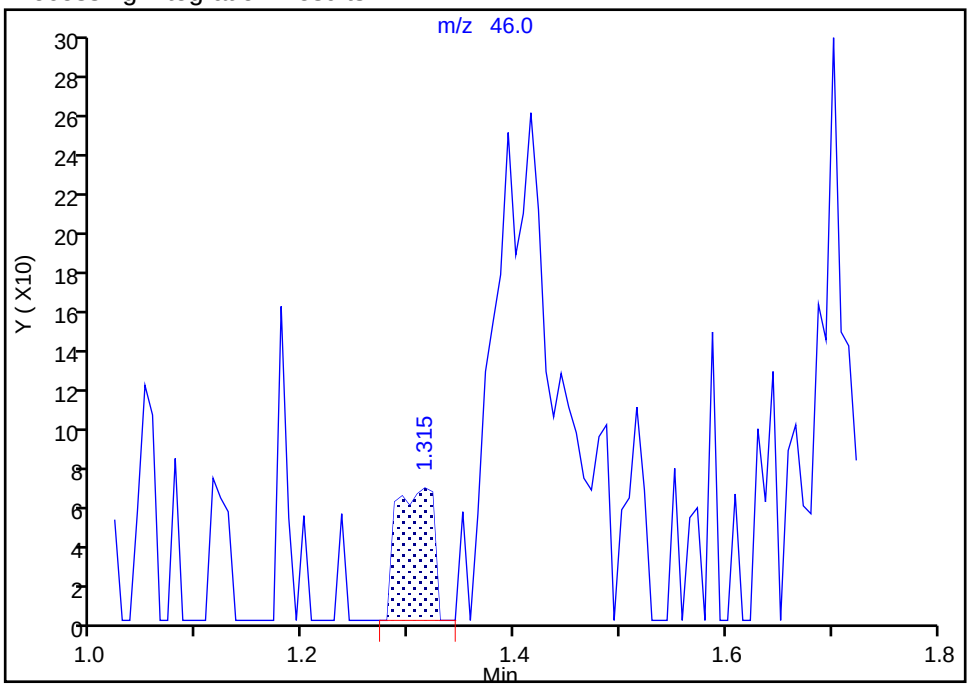
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

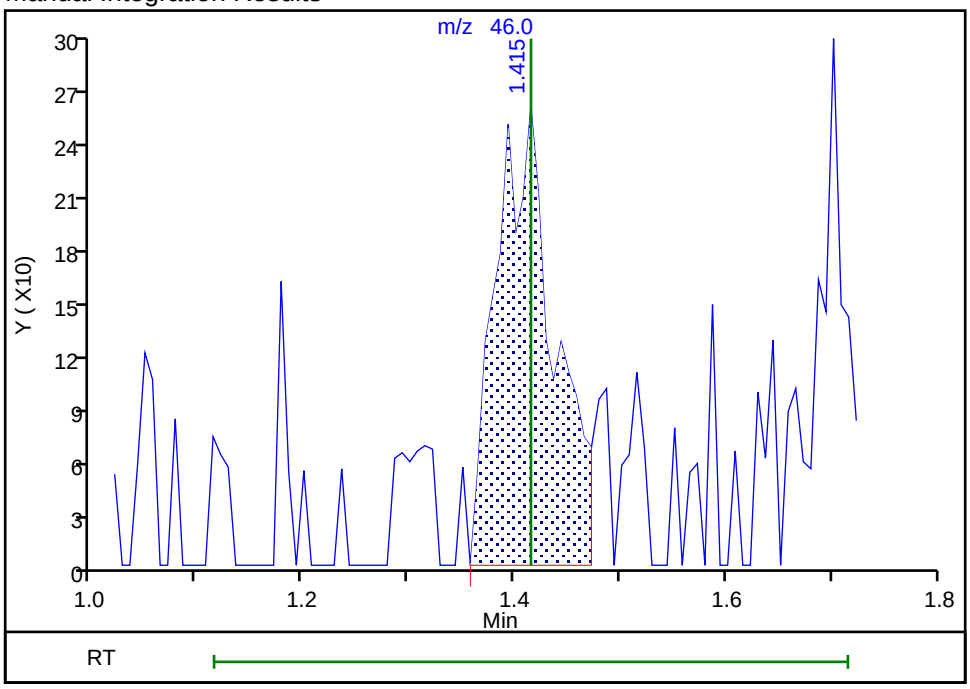
Processing Integration Results

RT: 1.32
Area: 162
Amount: 10.586074
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 990
Amount: 64.693927
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:47:40
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

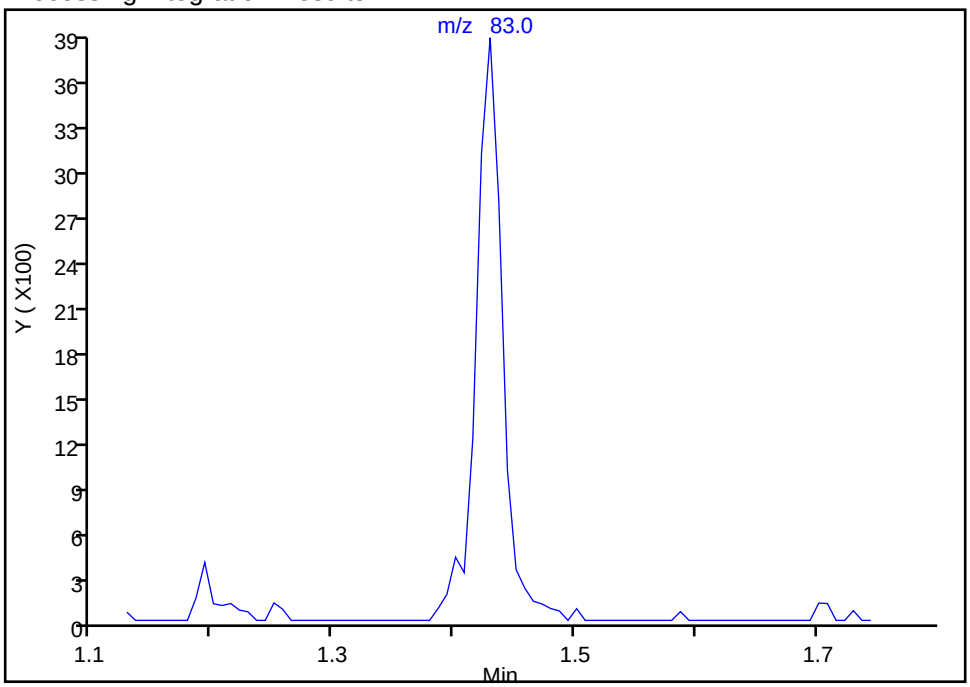
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

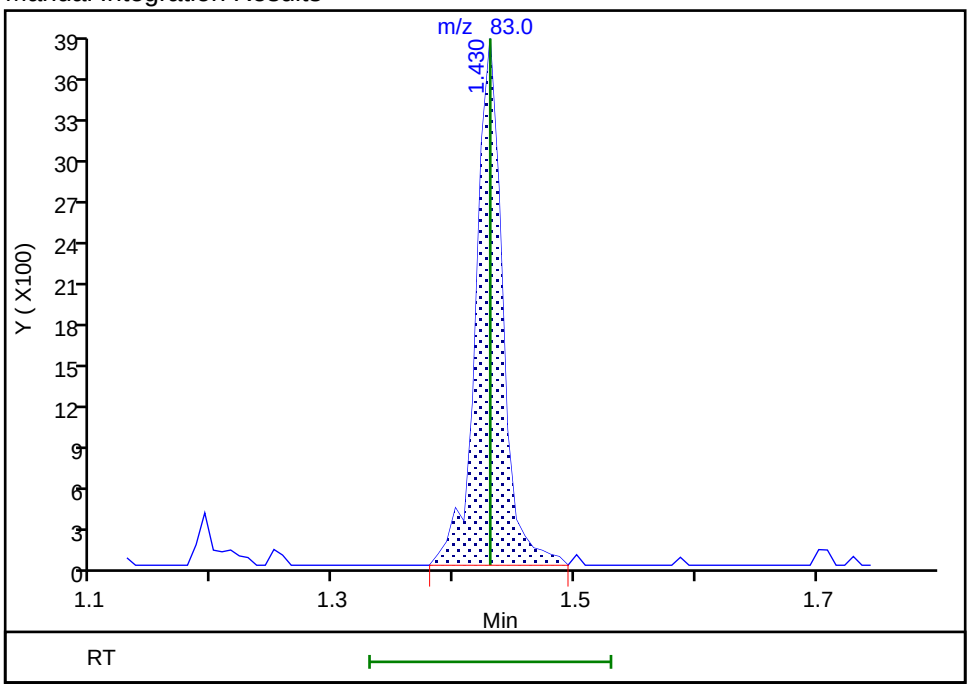
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 5919
Amount: 1.144958
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:47:47
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

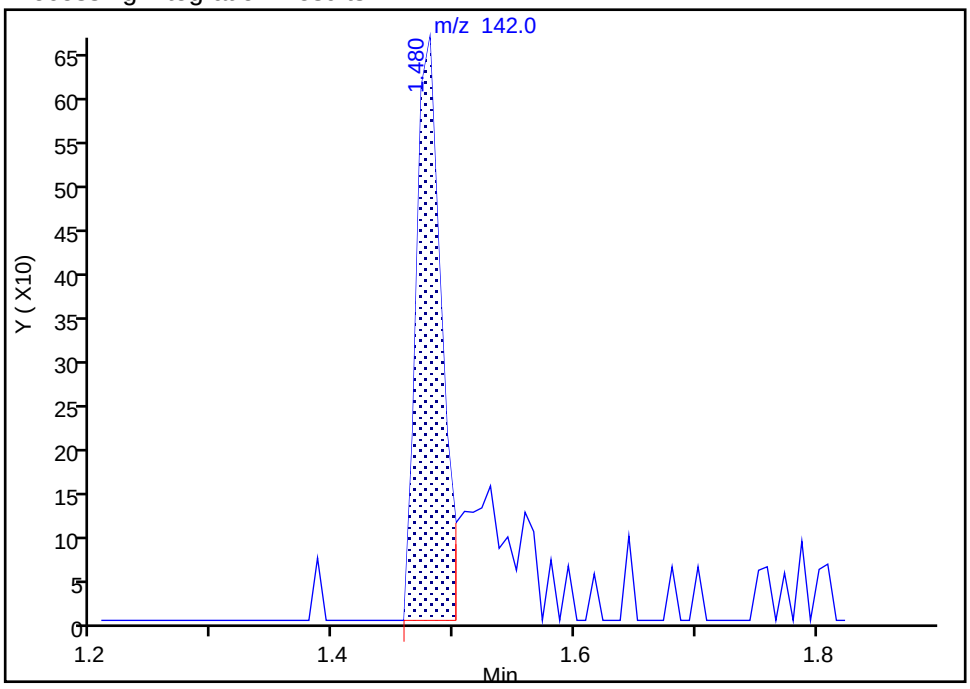
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

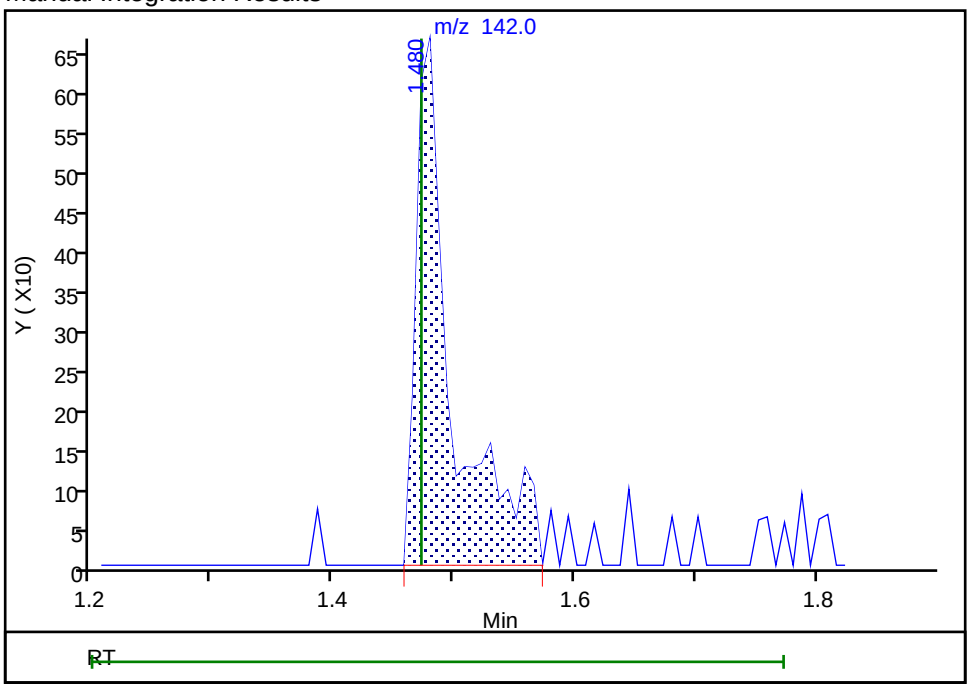
Processing Integration Results

RT: 1.48
Area: 960
Amount: 0.243479
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 1384
Amount: 0.351363
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:47:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

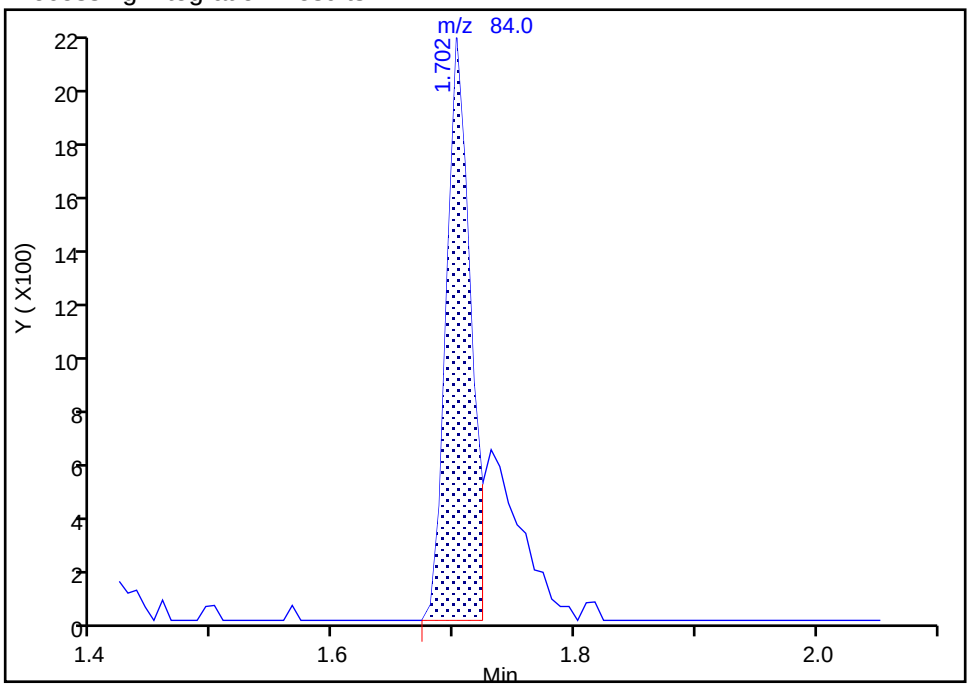
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

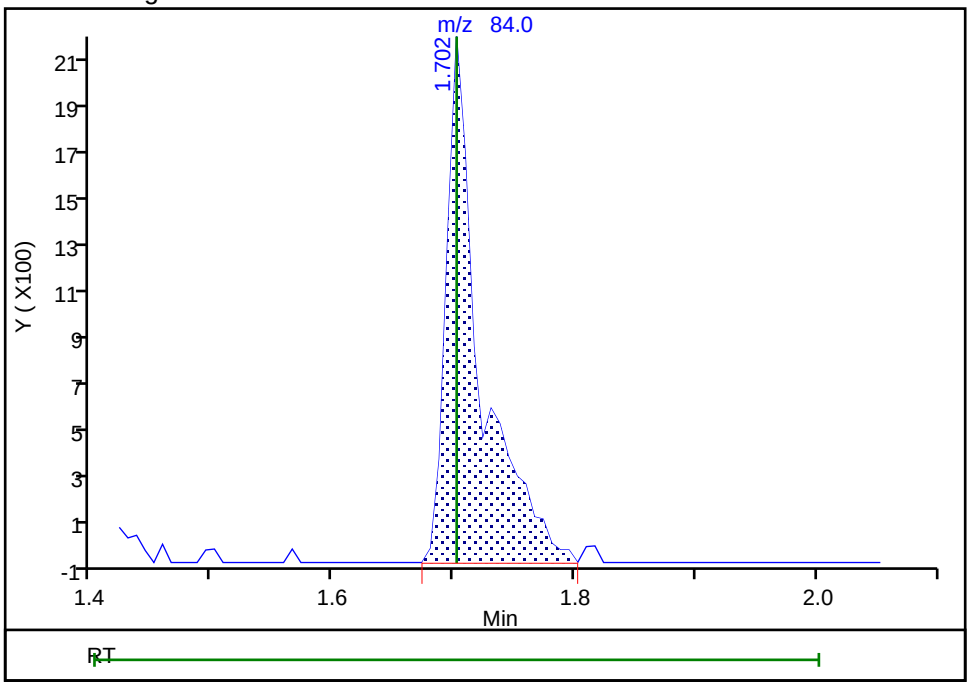
Processing Integration Results

RT: 1.70
Area: 3070
Amount: 0.840947
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 4336
Amount: 1.097584
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:48:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

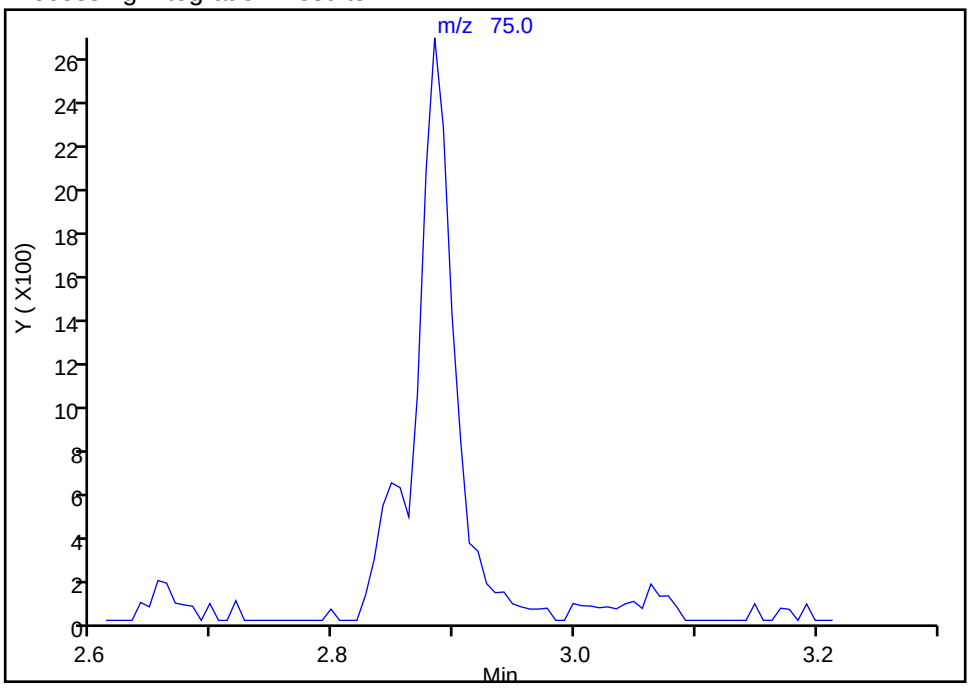
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

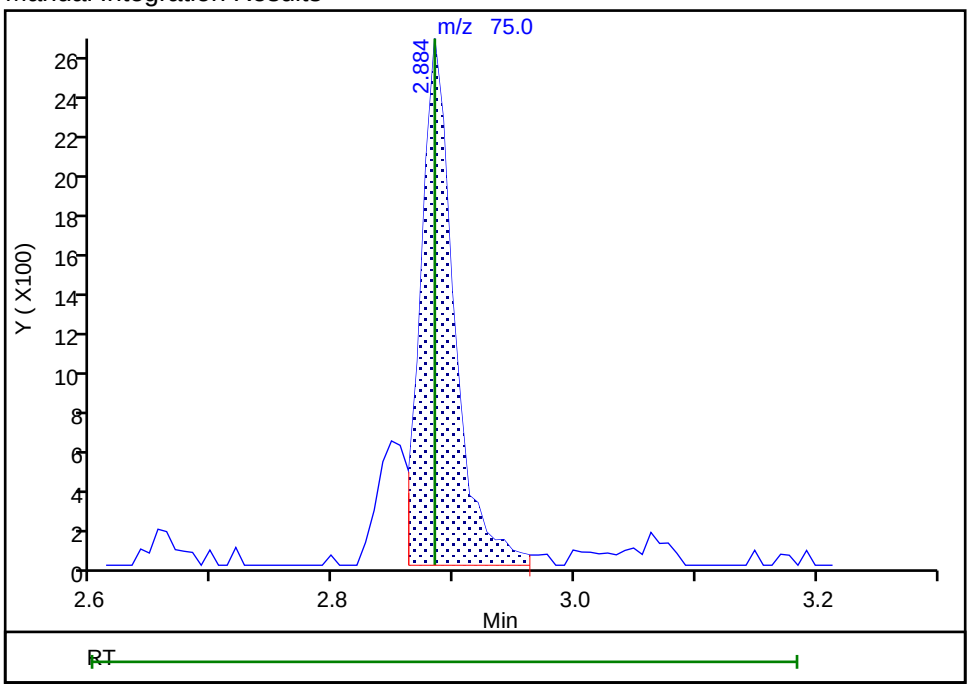
Not Detected
Expected RT: 2.88

Processing Integration Results



Manual Integration Results

RT: 2.88
Area: 5085
Amount: 1.170648
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:48:39
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

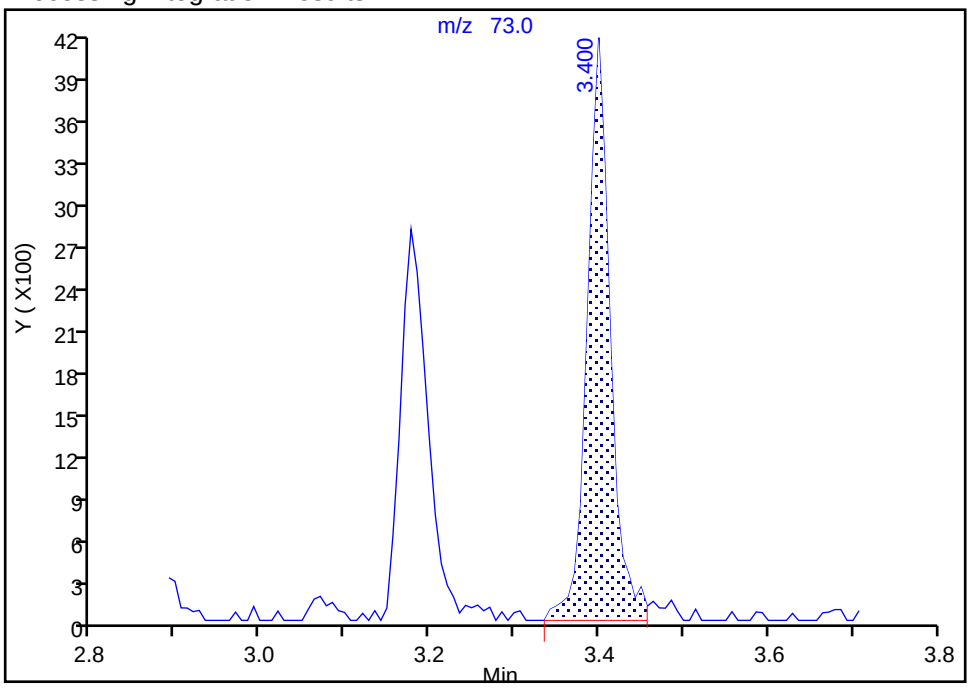
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

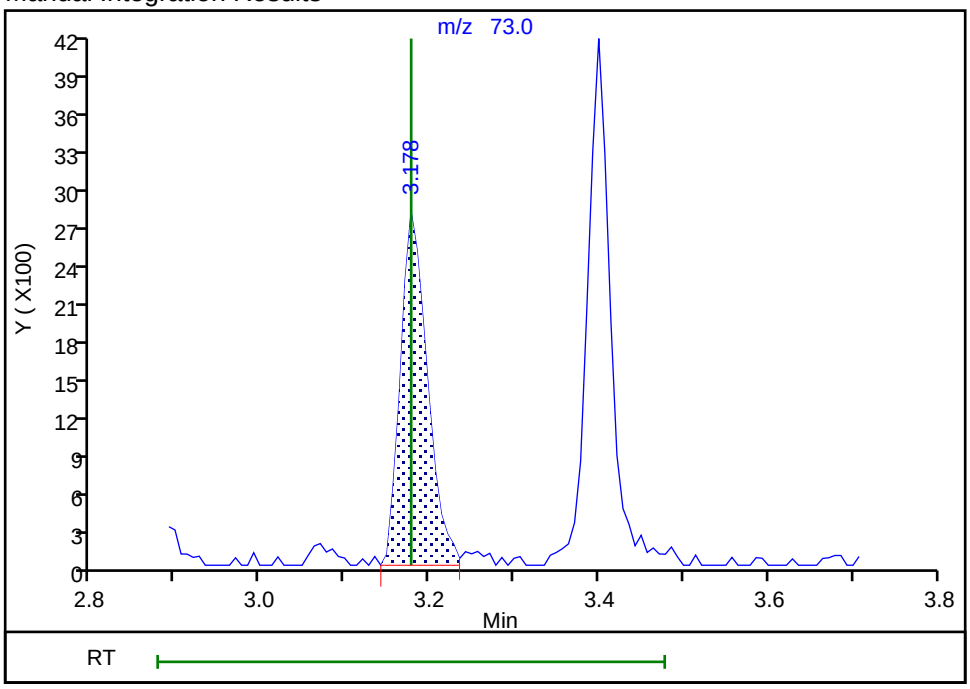
Processing Integration Results

RT: 3.40
Area: 7886
Amount: 1.001220
Amount Units: ug/l



Manual Integration Results

RT: 3.18
Area: 6166
Amount: 0.830314
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:48:47
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

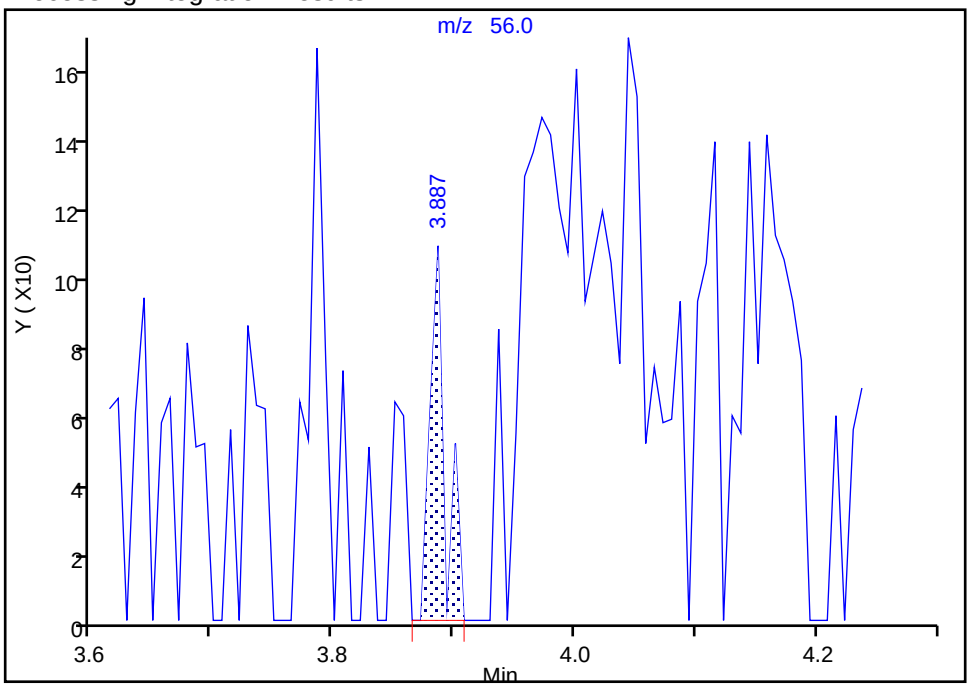
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 1

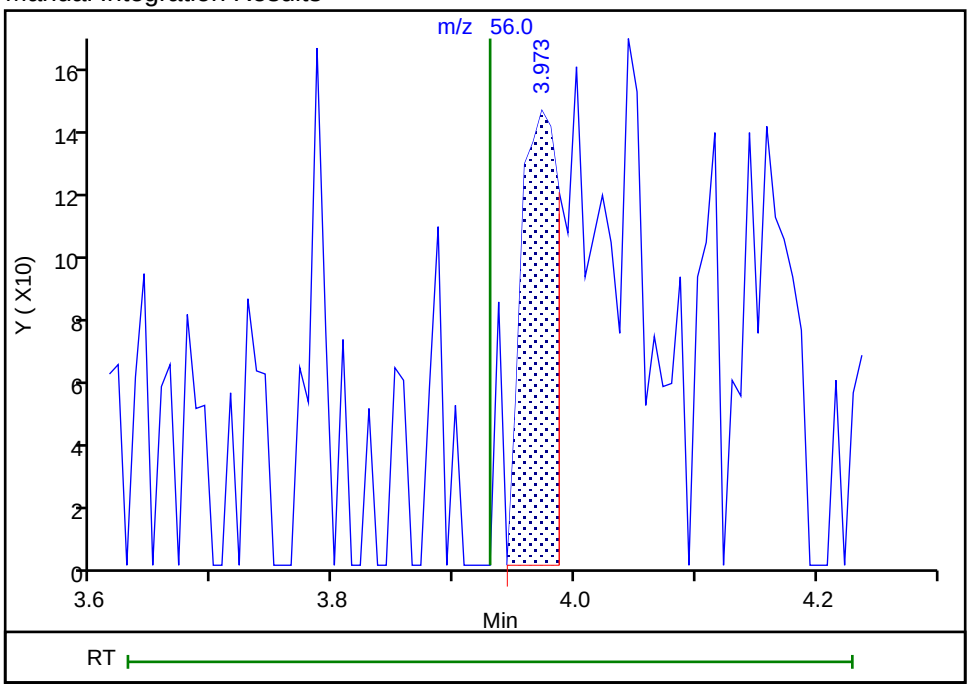
Processing Integration Results

RT: 3.89
Area: 93
Amount: 1.981292
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 310
Amount: 6.607311
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:49:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

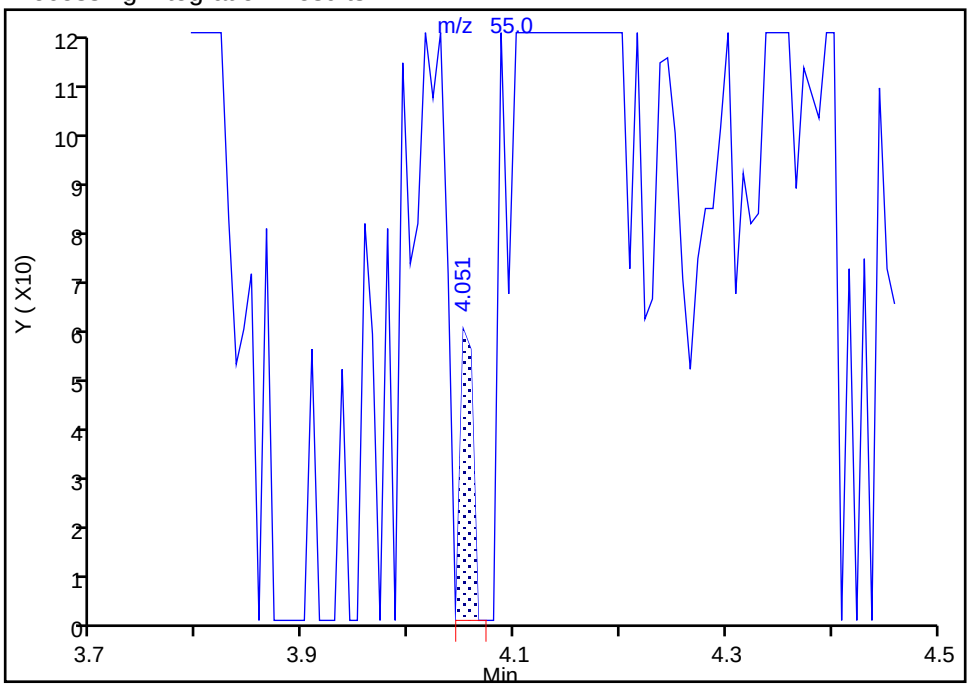
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Signal: 1

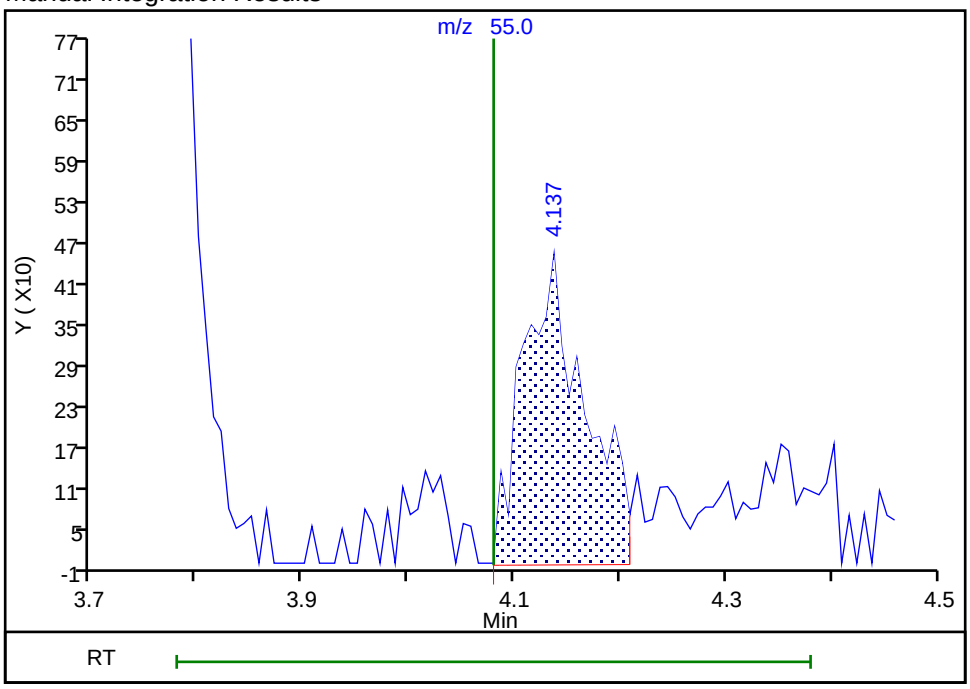
Processing Integration Results

RT: 4.05
Area: 48
Amount: 0.015938
Amount Units: ug/l



Manual Integration Results

RT: 4.14
Area: 1869
Amount: 1.034622
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:49:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

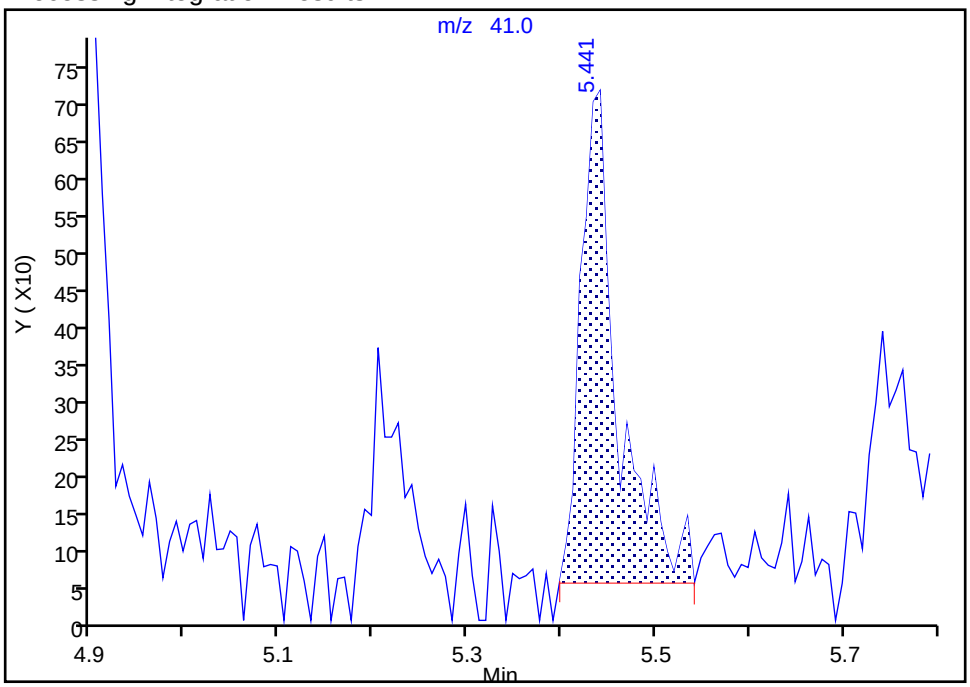
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

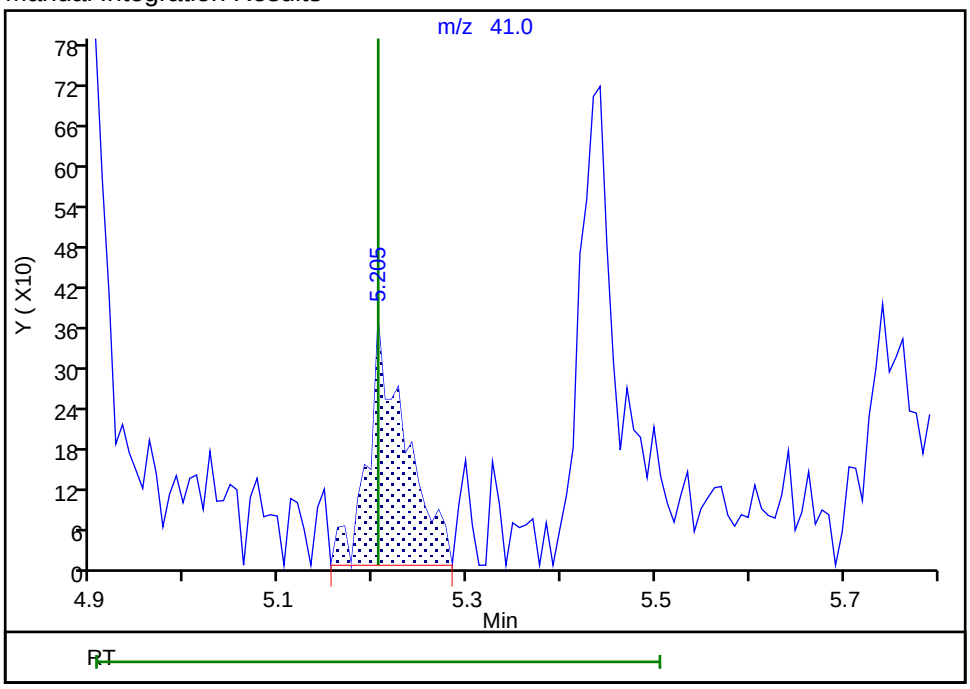
Processing Integration Results

RT: 5.44
Area: 1810
Amount: 3.253204
Amount Units: ug/l



Manual Integration Results

RT: 5.20
Area: 1025
Amount: 1.910466
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:50:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

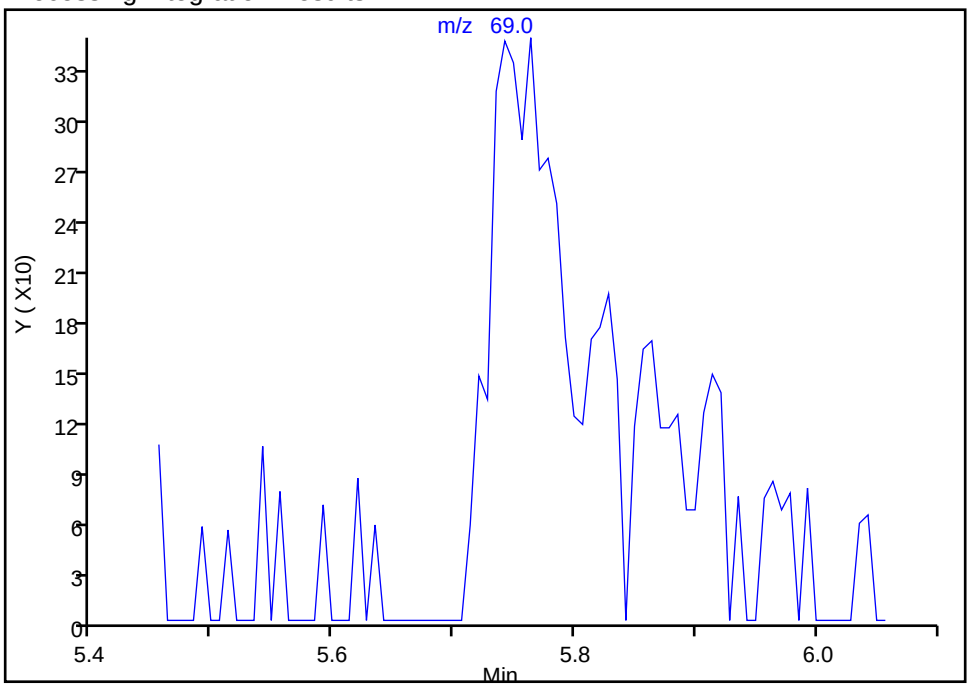
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

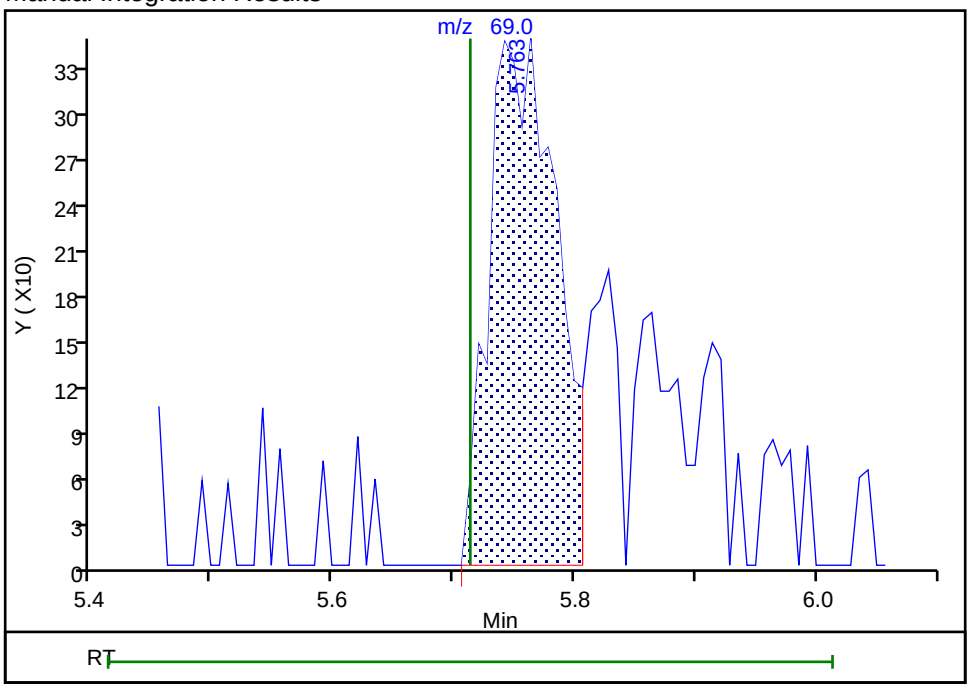
Not Detected
Expected RT: 5.71

Processing Integration Results



Manual Integration Results

RT: 5.76
Area: 1361
Amount: 1.009963
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:50:23
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

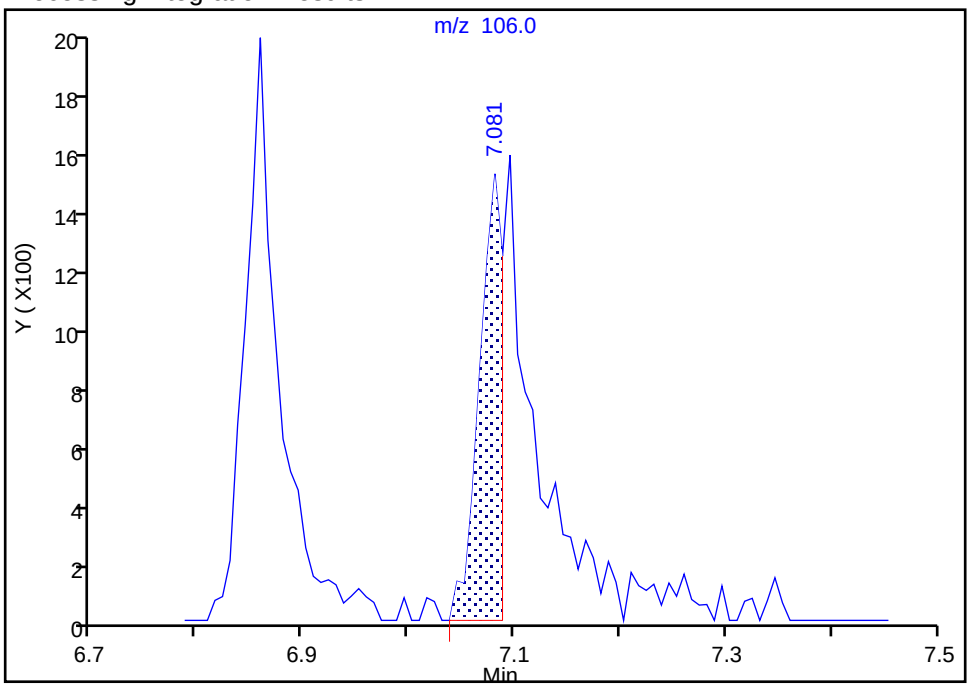
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

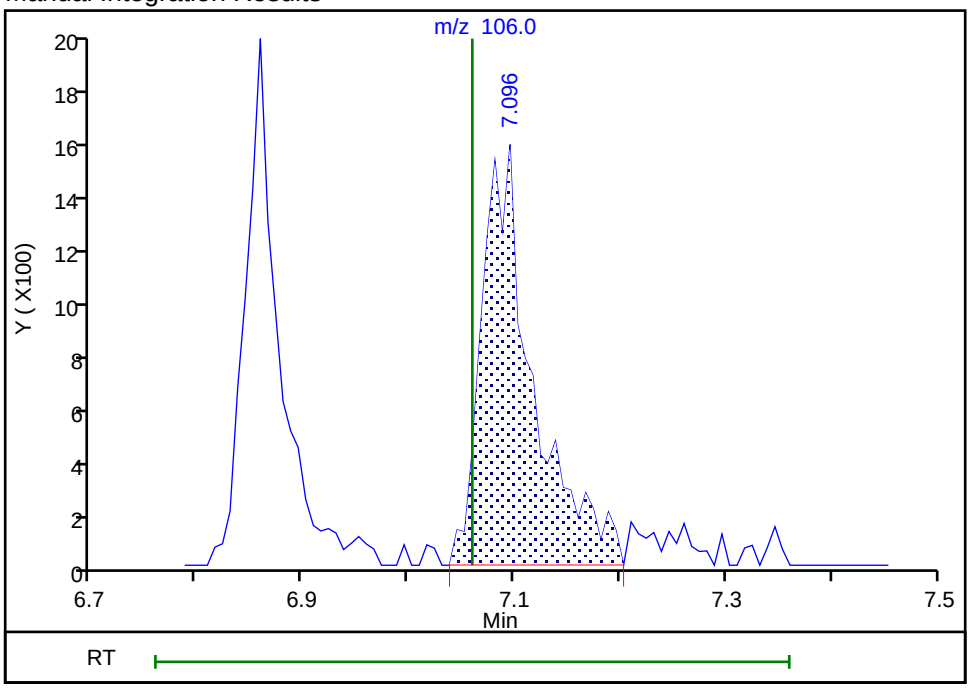
Processing Integration Results

RT: 7.08
Area: 2380
Amount: 0.448382
Amount Units: ug/l



Manual Integration Results

RT: 7.10
Area: 5336
Amount: 1.020741
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:50:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

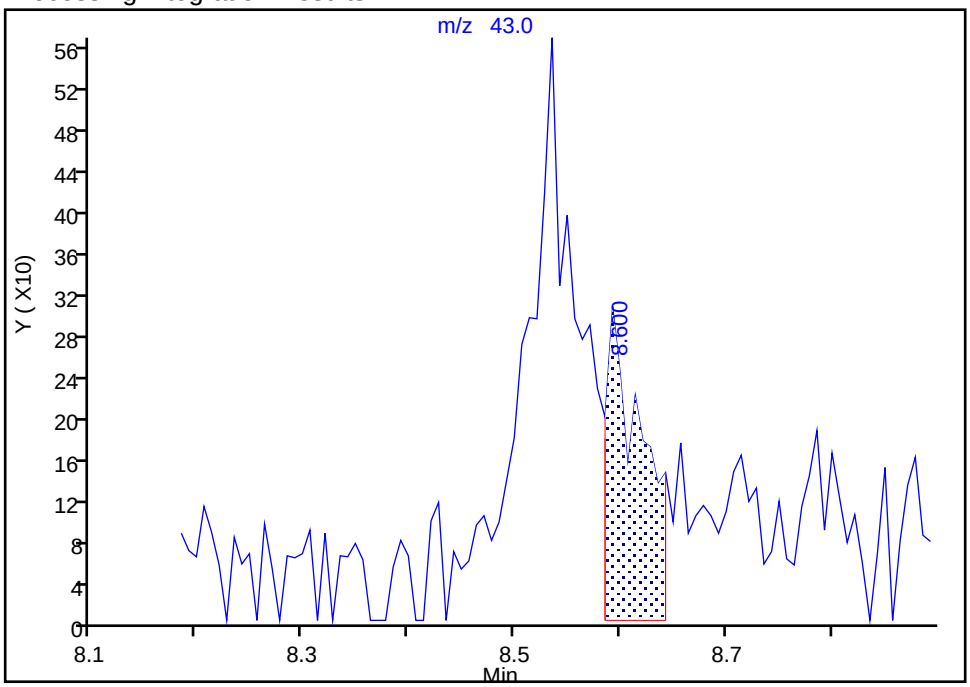
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

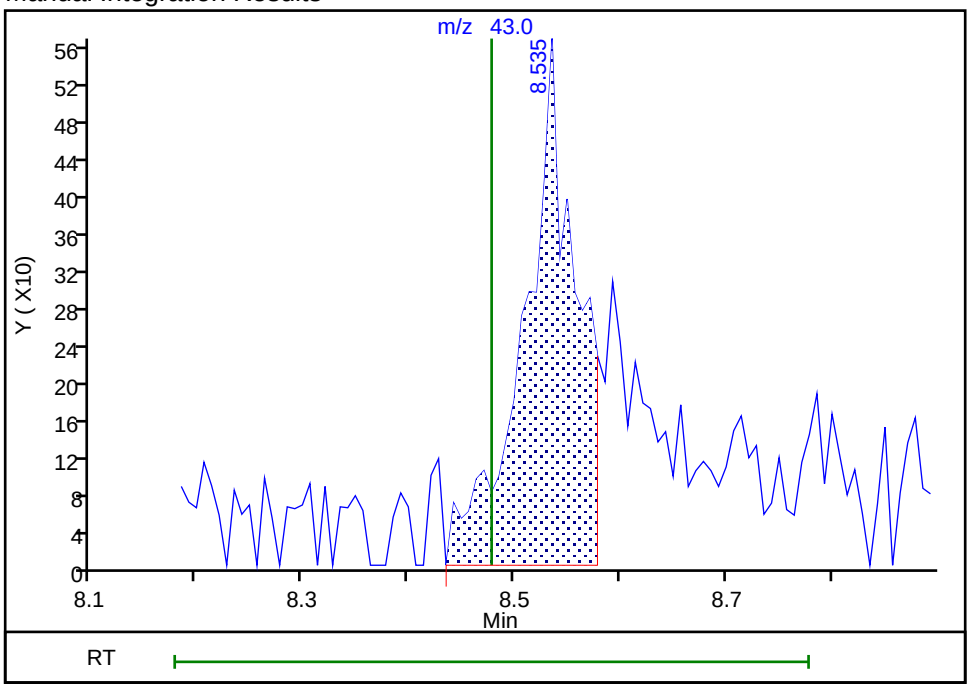
Processing Integration Results

RT: 8.60
Area: 746
Amount: 0.184237
Amount Units: ug/l



Manual Integration Results

RT: 8.54
Area: 1936
Amount: 1.010536
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:50:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

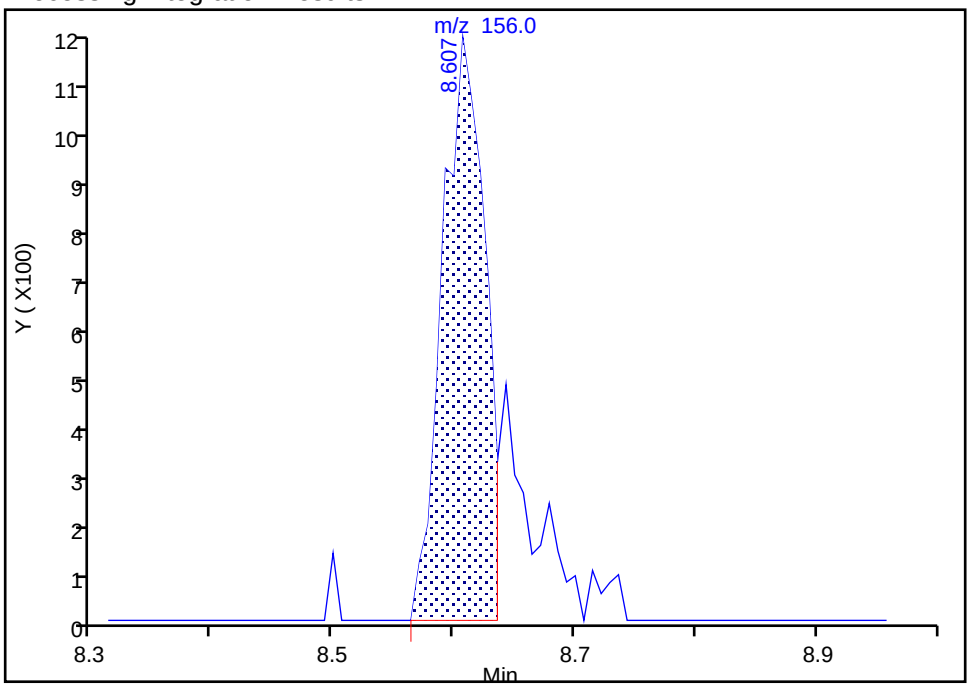
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 Bromobenzene, CAS: 108-86-1

Signal: 1

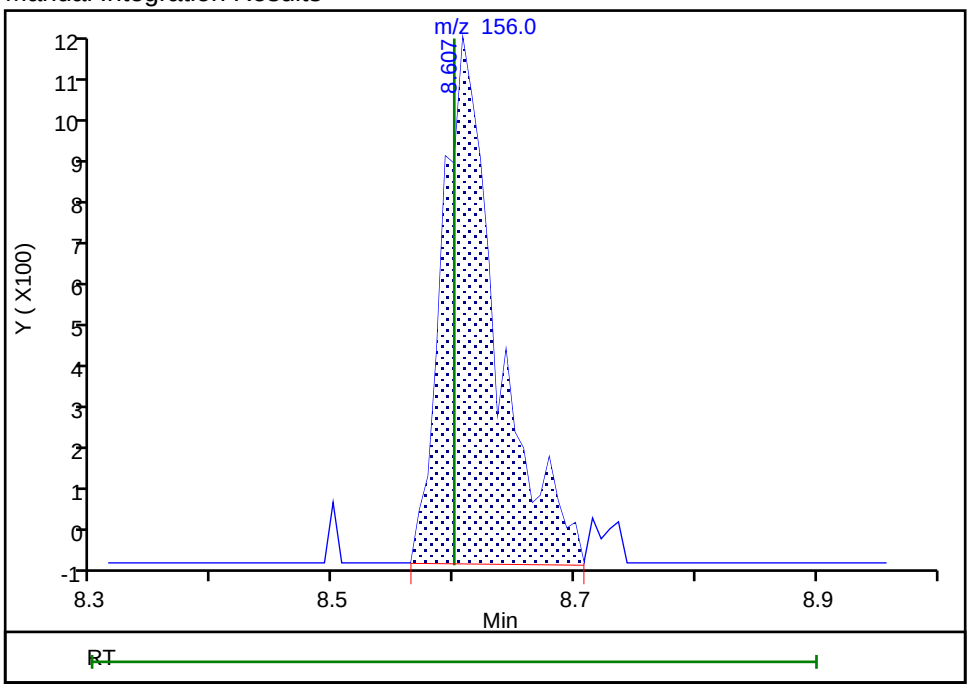
Processing Integration Results

RT: 8.61
Area: 2730
Amount: 0.842594
Amount Units: ug/l



Manual Integration Results

RT: 8.61
Area: 3510
Amount: 1.030610
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:51:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

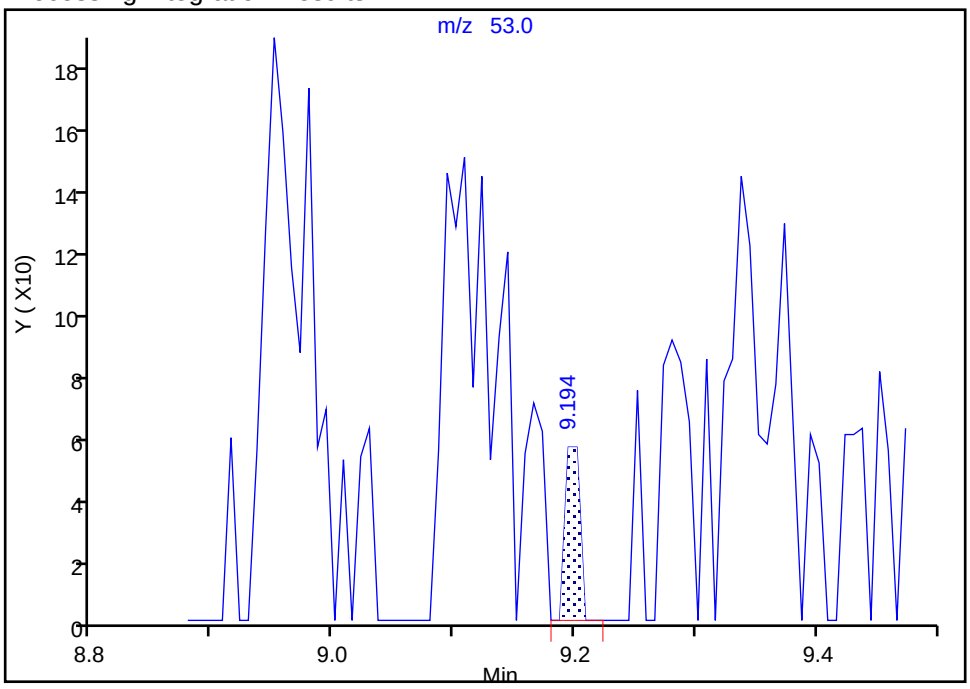
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

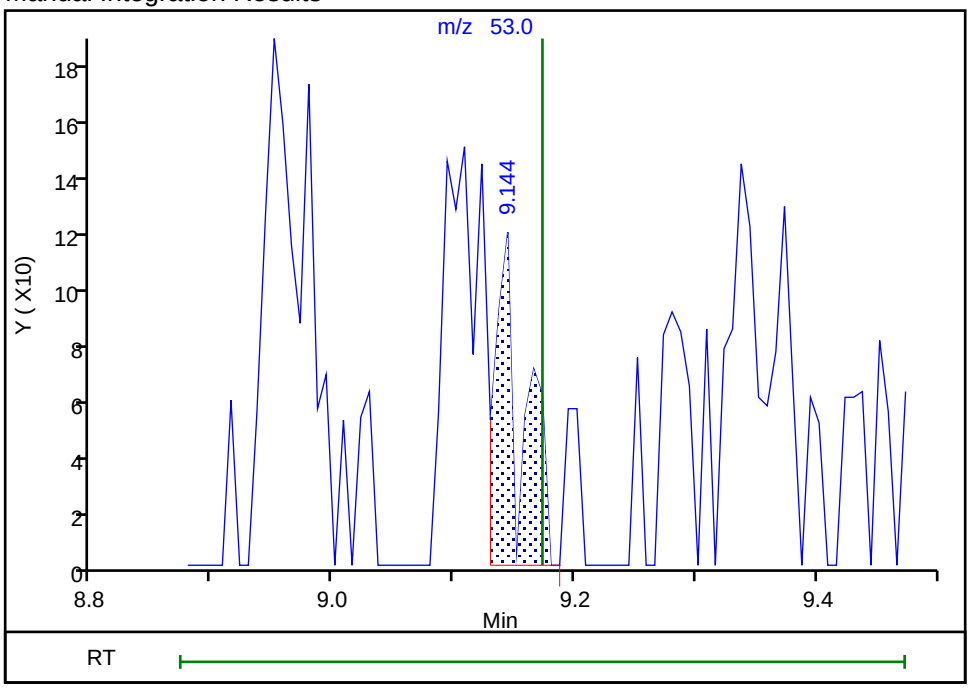
Processing Integration Results

RT: 9.19
Area: 47
Amount: 0.064060
Amount Units: ug/l



Manual Integration Results

RT: 9.14
Area: 189
Amount: 0.257777
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:51:23
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

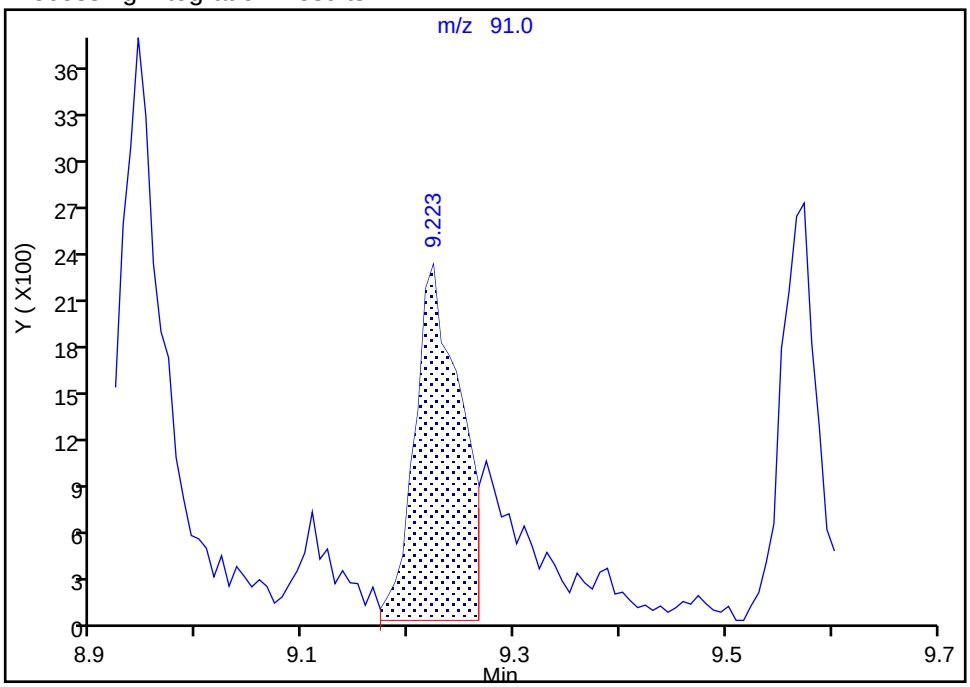
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

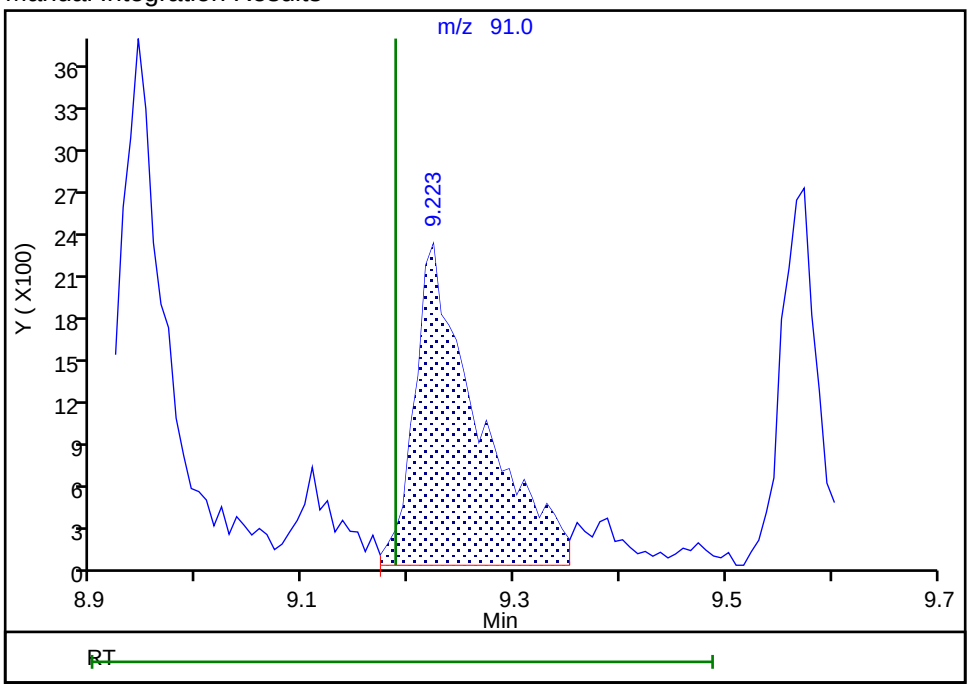
Processing Integration Results

RT: 9.22
Area: 6902
Amount: 0.727495
Amount Units: ug/l



Manual Integration Results

RT: 9.22
Area: 9635
Amount: 0.970685
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:51:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

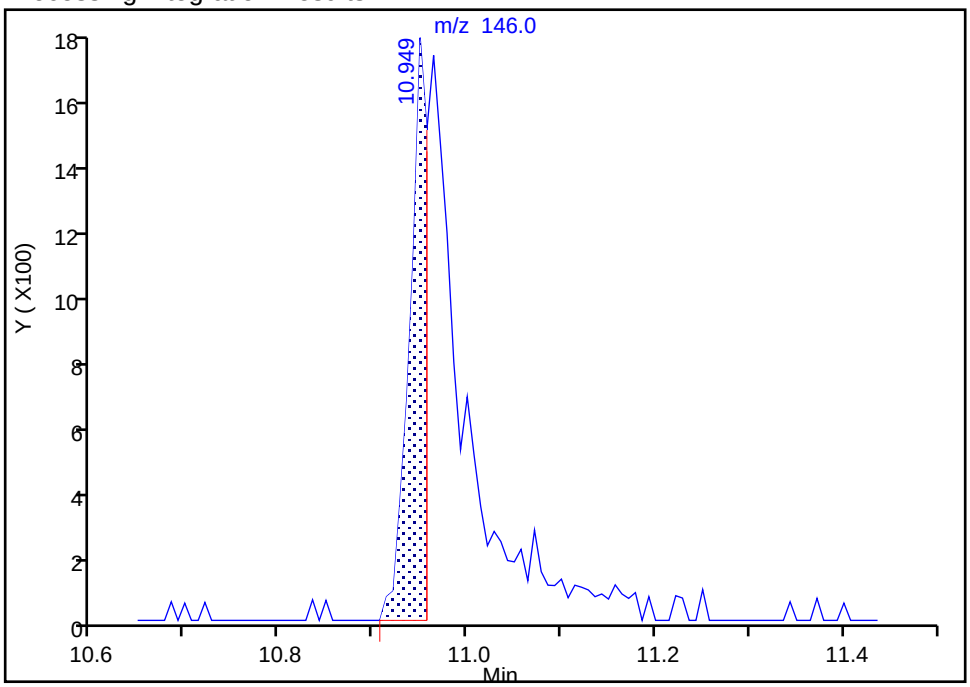
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

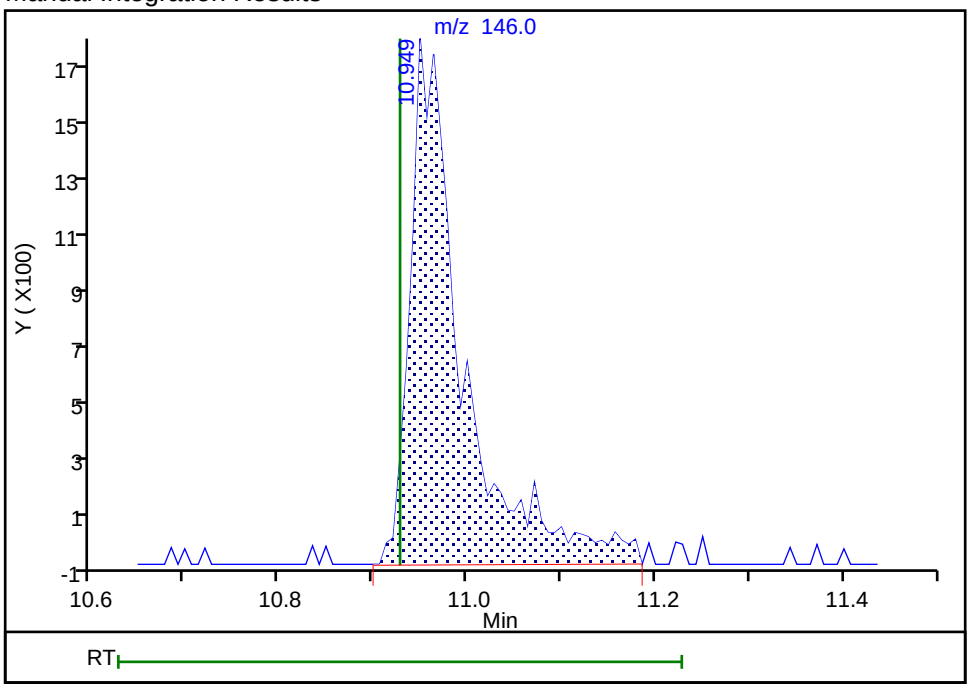
Processing Integration Results

RT: 10.95
Area: 2333
Amount: 0.351008
Amount Units: ug/l



Manual Integration Results

RT: 10.95
Area: 6656
Amount: 1.027382
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:51:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

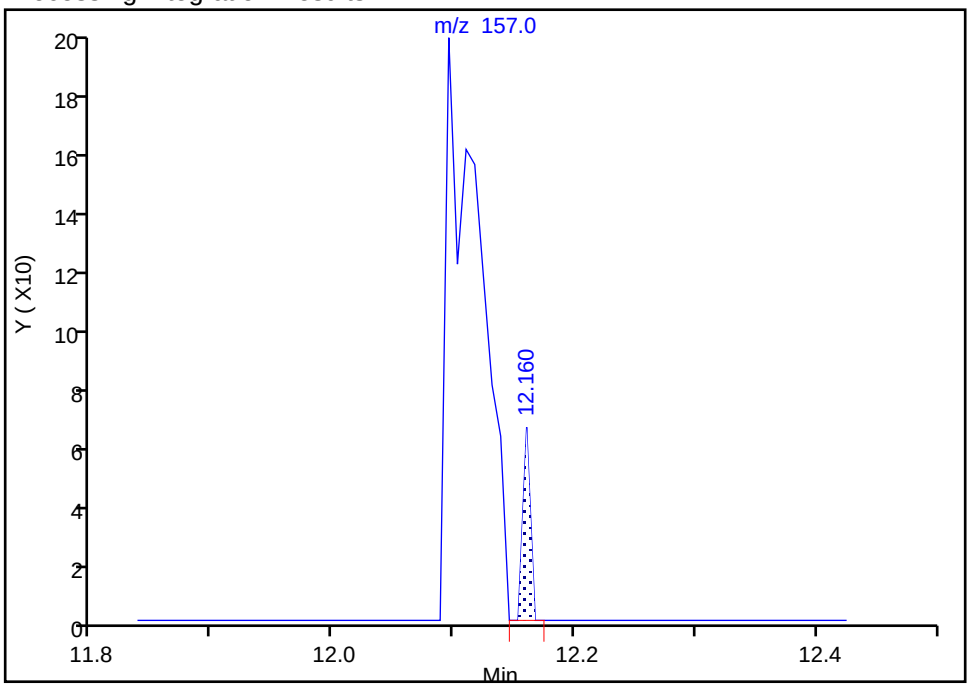
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

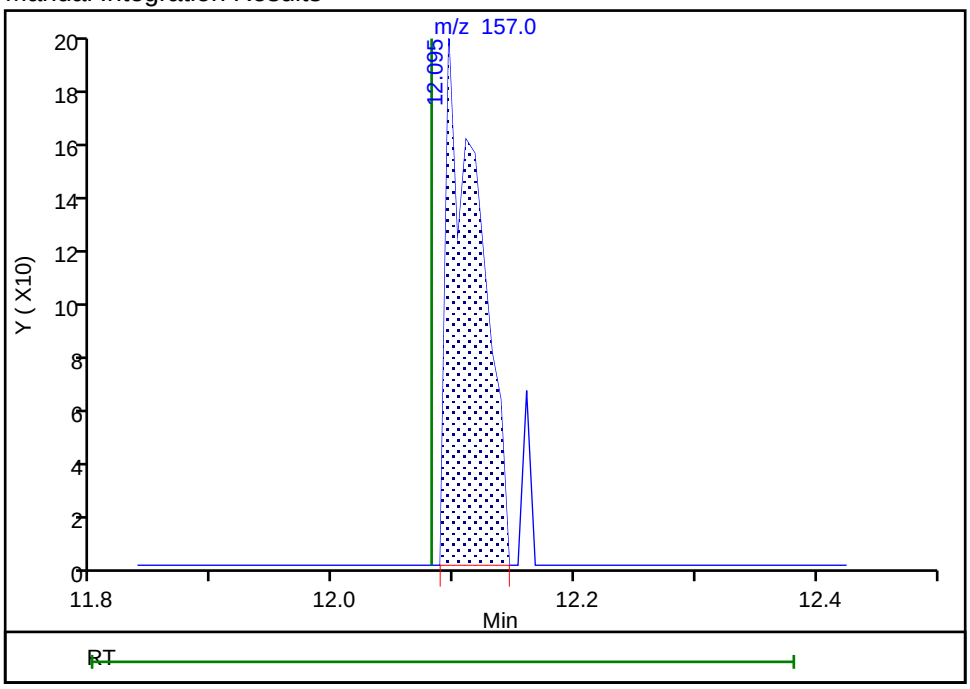
Processing Integration Results

RT: 12.16
Area: 28
Amount: 0.050525
Amount Units: ug/l



Manual Integration Results

RT: 12.10
Area: 374
Amount: 0.729176
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:52:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

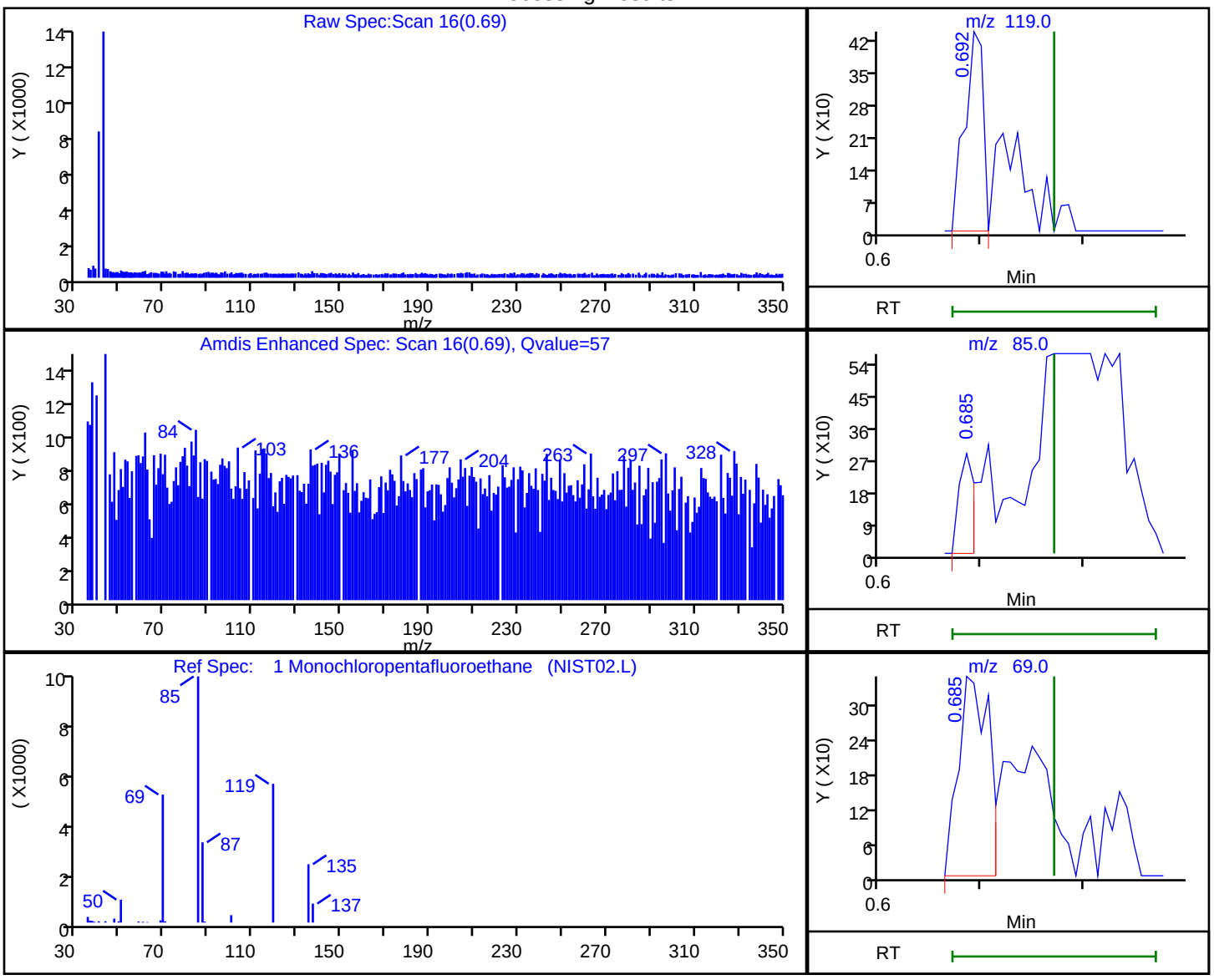
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.69	119.00	542	6.684118
0.68	85.00	292	
0.68	69.00	728	
0.69	135.00	725	

Reviewer: baronm, 09-Jul-2020 20:09:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-713559/4	T37107.D
Level 2	STD05 460-713559/5	T37108.D
Level 3	STD1 460-713559/18	T37121.D
Level 4	STD5 460-713559/7	T37110.D
Level 5	STD20 460-713559/8	T37111.D
Level 6	STD50 460-713559/9	T37112.D
Level 7	STD200 460-713559/10	T37113.D
Level 8	STD500 460-713559/11	T37114.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0288	+++++ 0.0381	0.0321 0.0399	0.0322	0.0300	Ave		0.0335				13.3		20.0			
1,1-Difluoroethane	+++++ 0.1311	0.1278 0.1538	0.1108 0.1669	0.1374	0.1343	Ave		0.1374				13.3		20.0			
Chlorotrifluoroethene	+++++ 0.0728	0.0600 0.1113	0.0630 0.1249	0.0693	0.0739	Qua2	-0.007	0.0727	0.0001155						0.9930		0.9900
Dichlorodifluoromethane	+++++ 0.3755	0.3621 0.4671	0.3339 0.4693	0.3754	0.3829	Ave		0.3952			0.1000	13.2		20.0			
Chlorodifluoromethane	+++++ 0.0475	0.0523 0.0546	0.0477 0.0582	0.0516	0.0478	Ave		0.0514				7.9		20.0			
Chloromethane	+++++ 0.2738	0.3261 0.2968	0.2957 0.3424	0.2789	0.2681	Ave		0.2974			0.1000	9.3		20.0			
Vinyl chloride	+++++ 0.3533	0.3375 0.3873	0.2974 0.3902	0.3941	0.3608	Ave		0.3601			0.1000	9.7		20.0			
Butadiene	0.5362 0.3041	0.3272 0.3416	0.2525 0.3548	0.3363	0.3038	QuaF		0.3279	0.0000541						1.0000		0.9900
Bromomethane	+++++ 1.2400	0.9503 +++++	0.9965 +++++	0.8818	0.9800	Ave		1.0097			0.1000	13.5		20.0			
Chloroethane	+++++ 1.9367	2.0909 1.9607	1.6930 2.1226	2.1261	1.8503	Ave		1.9686			0.1000	8.2		20.0			
Dichlorofluoromethane	+++++ 0.5282	0.5779 0.5503	0.4385 0.5422	0.5645	0.5237	Ave		0.5322				8.5		20.0			
Trichlorofluoromethane	+++++ 0.4542	0.4116 0.4897	0.4364 0.4985	0.4817	0.4632	Ave		0.4622			0.1000	6.7		20.0			
Pentane	+++++ 0.0464	0.0324 0.0540	0.0430 0.0551	0.0463	0.0491	Ave		0.0466				16.4		20.0			
Ethanol	+++++ 0.3114	0.7462 0.2779	0.5844 0.2301	0.4903	0.3733	QuaF		0.3129	-0.000004						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2172	0.1983 0.2265	0.1716 0.2330	0.2128	0.2146	Ave		0.2106				9.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2448	0.2502 0.2502	0.2133 0.2658	0.2374	0.2416	Ave		0.2433				6.6		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2461	0.2384 0.2704	0.2186 0.2778	0.2553	0.2393	Ave		0.2494				8.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4348	0.3809 0.4358	0.3827 0.4359	0.4404	0.4338	Ave		0.4206				6.3		20.0			
Acrolein	+++++ 9.2413	9.1700 8.7426	8.5494 9.0826	9.0981	8.6868	Ave		8.9387				3.0		20.0			
1,1-Dichloroethene	+++++ 0.2562	0.2204 0.2708	0.2086 0.2754	0.2631	0.2562	Ave		0.2501			0.1000	10.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2797	0.2597 0.3187	0.2284 0.3204	0.2579	0.2768	Ave		0.2774			0.1000	12.0		20.0			
Acetone	+++++ 0.5670	0.9014 0.6671	0.5673 0.6015	0.6653	0.5618	Ave		0.6473			0.0500	18.7		20.0			
Iodomethane	+++++ 0.0887	0.0323 0.2206	0.0280 0.2177	0.0104	0.0352	Ave		0.0904				.00.8	*	20.0			
Carbon disulfide	+++++ 0.8493	0.9947 0.8877	0.8512 0.8775	0.8736	0.8452	Ave		0.8827			0.1000	5.9		20.0			
Isopropyl alcohol	+++++ 3.5136	4.8517 3.3235	3.3671 3.5067	4.3727	3.4610	Ave		3.7709				15.8		20.0			
Acetonitrile	+++++ 0.1472	0.1458 0.1512	0.1297 0.1458	0.1623	0.1551	Ave		0.1481				6.8		20.0			
Allyl chloride	+++++ 0.1691	0.1790 0.1653	0.1466 0.1592	0.1514	0.1687	Ave		0.1627				6.9		20.0			
Methyl acetate	+++++ 0.1794	0.1870 0.1830	0.1430 0.1760	0.1697	0.1802	Ave		0.1740			0.1000	8.5		20.0			
Cyclopentene	+++++ 0.6799	0.6902 0.7267	0.5894 0.6925	0.6965	0.6820	Ave		0.6796				6.3		20.0			
Methylene Chloride	+++++ 0.2861	0.2677 0.2942	0.2497 0.2985	0.2883	0.2871	Ave		0.2817			0.1000	6.1		20.0			
2-Methyl-2-propanol	+++++ 5.9500	7.8834 5.6221	7.8900 5.5460	6.2860	5.9387	Ave		6.4452				15.7		20.0			
Acrylonitrile	0.1437 0.0965	0.0979 0.0987	0.0759 0.0939	0.0921	0.0992	Ave		0.0997				19.4		20.0			
trans-1,2-Dichloroethene	+++++ 0.2864	0.3043 0.3062	0.2666 0.3126	0.2892	0.2800	Ave		0.2922			0.1000	5.6		20.0			
Methyl tert-butyl ether	+++++ 0.7423	0.7318 0.7670	0.6309 0.7645	0.7150	0.7516	Ave		0.7290			0.1000	6.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexane	+++++ 0.3451	0.3054 0.3764	0.3025 0.3702	0.3344	0.3546	Ave		0.3412				8.5		20.0			
1,1-Dichloroethane	+++++ 0.5175	0.4997 0.5304	0.4706 0.5113	0.5340	0.5164	Ave		0.5114			0.2000	4.2		20.0			
Vinyl acetate	+++++ 0.4379	0.2797 0.4826	0.3174 0.5543	0.4297	0.4451	Qua2	-0.169	0.4335	0.0001213						0.9990		0.9900
2-Chloro-1,3-butadiene	+++++ 0.2845	0.2766 0.2863	0.2412 0.2968	0.2758	0.2727	Ave		0.2763				6.3		20.0			
Isopropyl ether	+++++ 0.8813	0.8728 0.8764	0.7100 0.8511	0.9288	0.8887	Ave		0.8584				8.1		20.0			
Tert-butyl ethyl ether	+++++ 0.8115	0.8728 0.8012	0.6355 0.7988	0.7514	0.8081	Ave		0.7827				9.5		20.0			
2,2-Dichloropropane	+++++ 0.0957	0.1114 0.1002	0.0823 0.0992	0.0889	0.0927	Ave		0.0958				9.6		20.0			
cis-1,2-Dichloroethene	+++++ 0.3092	0.2843 0.3273	0.2989 0.3309	0.3060	0.3112	Ave		0.3097			0.1000	5.2		20.0			
2-Butanone (MEK)	+++++ 0.9791	1.4800 1.0326	0.9436 0.9770	0.9998	1.0081	Ave		1.0600			0.0500	17.7		20.0			
Propionitrile	+++++ 9.1701	8.8098 8.2162	8.7061 8.0178	9.3934	9.2322	Ave		8.7922				5.9		20.0			
Ethyl acetate	+++++ 0.2390	0.2072 0.2329	0.1735 0.2436	0.2147	0.2261	Ave		0.2196				11.0		20.0			
Methyl acrylate	+++++ 0.2759	0.3548 0.2698	0.1939 0.2947	0.2395	0.2810	Ave		0.2728				18.1		20.0			
Chlorobromomethane	+++++ 0.1336	0.1217 0.1366	0.1323 0.1435	0.1385	0.1379	Ave		0.1349				5.1		20.0			
Methacrylonitrile	+++++ 0.1176	0.1045 0.1162	0.0931 0.1110	0.1080	0.1157	Ave		0.1094				7.9		20.0			
Tetrahydrofuran	+++++ 0.2962	0.2255 0.3049	0.2178 0.3061	0.3191	0.3110	Ave		0.2830				15.0		20.0			
Chloroform	+++++ 0.5114	0.4485 0.5148	0.4504 0.4991	0.4987	0.5102	Ave		0.4904			0.2000	5.8		20.0			
1,1,1-Trichloroethane	+++++ 0.4267	0.4387 0.4473	0.3698 0.4539	0.4137	0.4114	Ave		0.4231			0.1000	6.7		20.0			
Cyclohexane	+++++ 0.3881	0.3909 0.4267	0.3544 0.4310	0.3720	0.3933	Ave		0.3938			0.1000	7.0		20.0			
Carbon tetrachloride	+++++ 0.3564	0.3445 0.3875	0.3365 0.4021	0.3388	0.3364	Ave		0.3575			0.1000	7.5		20.0			
1,1-Dichloropropene	+++++ 0.4177	0.4664 0.4334	0.3589 0.4405	0.4191	0.4224	Ave		0.4226				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	+++++ 2.3101	2.5751 2.2869	1.8965 2.3205	2.2257	2.1965	Ave		2.2588				8.9		20.0			
Benzene	+++++ 1.6416	1.6426 1.6615	1.4659 1.6775	1.7184	1.6570	Ave		1.6378			0.5000	4.9		20.0			
1,2-Dichloroethane	+++++ 0.3469	0.3996 0.3514	0.3644 0.3483	0.3628	0.3578	Ave		0.3616			0.1000	5.0		20.0			
2,2,4-Trimethylpentane	+++++ 0.6128	0.5699 0.6264	0.5545 0.6155	0.5872	0.6264	Ave		0.5990				4.8		20.0			
Isopropyl acetate	+++++ 0.1044	0.0834 0.1049	0.0784 0.1004	0.0900	0.1059	Ave		0.0953				11.9		20.0			
Tert-amyl methyl ether	+++++ 0.7676	0.7519 0.7596	0.6368 0.7556	0.7124	0.7638	Ave		0.7354				6.4		20.0			
n-Heptane	+++++ 0.2349	0.3043 0.2682	0.2554 0.2469	0.2361	0.2584	Ave		0.2578				9.2		20.0			
Trichloroethene	+++++ 0.3075	0.2547 0.3197	0.2375 0.3173	0.3045	0.3037	Ave		0.2921			0.2000	11.1		20.0			
n-Butanol	+++++ 1.6043	1.2988 1.5438	1.1963 1.5970	1.5331	1.4702	Ave		1.4633				10.7		20.0			
Ethyl acrylate	+++++ 0.6505	0.5312 0.6680	0.5208 0.6514	0.6058	0.6325	Ave		0.6086				9.8		20.0			
Methylcyclohexane	+++++ 0.3980	0.3623 0.4307	0.3476 0.4365	0.3795	0.4067	Ave		0.3945			0.1000	8.5		20.0			
1,2-Dichloropropane	+++++ 0.3002	0.2659 0.2961	0.2654 0.2905	0.3191	0.2930	Ave		0.2900			0.1000	6.6		20.0			
Dibromomethane	+++++ 0.1839	0.1887 0.1839	0.1611 0.1745	0.1785	0.1768	Ave		0.1782				5.0		20.0			
1,4-Dioxane	+++++ 1.0588	0.7841 0.9758	0.8479 0.8365	0.9838	1.0504	Ave		0.9339				11.8		20.0			
Methyl methacrylate	+++++ 0.0682	0.0651 0.0695	0.0549 0.0681	0.0622	0.0672	Ave		0.0650				7.8		20.0			
n-Propyl acetate	+++++ 0.3713	0.3129 0.3626	0.2726 0.3364	0.3463	0.3593	Ave		0.3374				10.2		20.0			
Dichlorobromomethane	+++++ 0.3801	0.3166 0.3906	0.3096 0.3880	0.3596	0.3644	Ave		0.3584			0.2000	9.2		20.0			
2-Nitropropane	+++++ 0.0489	0.0413 0.0511	0.0399 0.0501	0.0480	0.0460	Ave		0.0465				9.3		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1293	0.0370 0.1434	0.0642 0.1373	0.0990	0.1161	Qua2	-0.044	0.1188	0.0000501						0.9920		0.9900
Epichlorohydrin	0.2543 0.2177	0.1732 0.2162	0.1731 0.2090	0.2006	0.2083	Ave		0.2065				12.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	+++++ 0.6586	0.6807 0.6748	0.6025 0.6645	0.6519	0.6574	Ave		0.6558			0.2000	3.9		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.0755	1.8174 2.0402	1.6410 1.9505	2.0340	2.0067	Ave		1.9379			0.0500	8.1		20.0			
Toluene	+++++ 1.6662	1.6780 1.7025	1.5504 1.6541	1.7916	1.6867	Ave		1.6757			0.4000	4.3		20.0			
trans-1,3-Dichloropropene	+++++ 0.5679	0.6331 0.5930	0.5567 0.5854	0.5143	0.5594	Ave		0.5728			0.1000	6.4		20.0			
Ethyl methacrylate	+++++ 0.4719	0.4531 0.4895	0.3894 0.4860	0.4438	0.4602	Ave		0.4563				7.4		20.0			
1,1,2-Trichloroethane	+++++ 0.3011	0.2851 0.3045	0.2580 0.2956	0.3133	0.3025	Ave		0.2943			0.1000	6.2		20.0			
Tetrachloroethene	+++++ 0.3643	0.3469 0.3858	0.3124 0.3913	0.3659	0.3682	Ave		0.3621			0.2000	7.3		20.0			
1,3-Dichloropropane	+++++ 0.5929	0.6129 0.5998	0.5623 0.5741	0.6399	0.6170	Ave		0.5998				4.4		20.0			
2-Hexanone	+++++ 1.3922	1.2533 1.4034	1.1574 1.3385	1.3417	1.4069	Ave		1.3276			0.0500	6.9		20.0			
Chlorodibromomethane	+++++ 0.3636	0.2894 0.3839	0.3276 0.3902	0.3564	0.3719	Ave		0.3547			0.1000	10.0		20.0			
Ethylene Dibromide	+++++ 0.3642	0.3525 0.3673	0.3433 0.3619	0.3579	0.3687	Ave		0.3594			0.1000	2.5		20.0			
n-Butyl acetate	+++++ 0.5323	0.5138 0.5211	0.4050 0.4913	0.5179	0.5512	Ave		0.5046				9.4		20.0			
Chlorobenzene	+++++ 0.9936	0.9720 0.9934	0.8687 0.9990	1.0032	0.9999	Ave		0.9757			0.5000	4.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3406	0.2830 0.3450	0.3013 0.3504	0.3403	0.3363	Ave		0.3281				7.8		20.0			
Ethylbenzene	+++++ 0.5256	0.5333 0.5310	0.4676 0.5316	0.5548	0.5461	Ave		0.5271			0.1000	5.3		20.0			
m-Xylene & p-Xylene	+++++ 0.6416	0.6602 0.6303	0.5716 0.6382	0.6472	0.6644	Ave		0.6362			0.1000	4.9		20.0			
o-Xylene	+++++ 0.6078	0.6757 0.5972	0.5482 0.6119	0.6328	0.6186	Ave		0.6132			0.3000	6.3		20.0			
Styrene	+++++ 1.0168	0.9885 1.0026	0.8701 1.0203	1.0240	1.0391	Ave		0.9945			0.3000	5.7		20.0			
n-Butyl acrylate	+++++ 0.2645	0.2420 0.2593	0.1908 0.2610	0.2318	0.2740	Ave		0.2462				11.5		20.0			
Bromoform	+++++ 0.2070	0.1874 0.2219	0.1583 0.2342	0.1885	0.2043	Ave		0.2002			0.1000	12.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.3825	1.2551 1.3093	1.0399 1.2001	1.2611	1.3973	Ave		1.2636				9.6		20.0			
Isopropylbenzene	+++++ 1.5409	1.6298 1.4728	1.3523 1.4994	1.6276	1.5633	Ave		1.5266			0.1000	6.4		20.0			
Bromobenzene	+++++ 0.8430	0.7717 0.8341	0.7292 0.8212	0.8165	0.8313	Ave		0.8067				5.1		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0744	0.9693 1.0532	0.8951 1.0001	1.0142	1.0771	Ave		1.0119			0.3000	6.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2902	0.1586 0.2777	0.2042 0.2649	0.2637	0.2909	Ave		0.2500				19.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2941	0.2545 0.2827	0.1552 0.2661	0.2576	0.2735	Ave		0.2548				18.1		20.0			
N-Propylbenzene	+++++ 4.6692	4.9038 4.4529	4.0507 4.2550	4.7594	4.6705	Ave		4.5374				6.6		20.0			
2-Chlorotoluene	+++++ 2.5842	2.7332 2.3603	2.3245 2.2773	2.7447	2.5699	Ave		2.5134				7.7		20.0			
4-Ethyltoluene	+++++ 3.4888	3.6232 3.1924	2.9924 3.1062	3.4830	3.4807	Ave		3.3381				7.1		20.0			
4-Chlorotoluene	+++++ 2.6966	2.8784 2.6086	2.4032 2.7620	2.7892	3.0624	Ave		2.7429				7.6		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6807	2.6252 2.5402	2.5158 2.4988	2.7006	2.7138	Ave		2.6107				3.5		20.0			
Butyl Methacrylate	+++++ 1.0327	0.8305 1.0224	0.7395 1.0303	0.8795	1.0011	Ave		0.9337				12.6		20.0			
tert-Butylbenzene	+++++ 2.1977	2.3509 2.1008	2.0047 2.0752	2.2415	2.2063	Ave		2.1681				5.4		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6842	2.7582 2.5531	2.5742 2.5471	2.6789	2.6716	Ave		2.6382				3.1		20.0			
sec-Butylbenzene	+++++ 3.2454	3.5676 3.1070	3.0424 3.0763	3.2694	3.3092	Ave		3.2310				5.6		20.0			
1,3-Dichlorobenzene	+++++ 1.4018	1.4353 1.3839	1.3455 1.3898	1.3757	1.4108	Ave		1.3918			0.6000	2.0		20.0			
1,4-Dichlorobenzene	+++++ 1.4246	1.4763 1.4126	1.4320 1.4251	1.3974	1.3996	Ave		1.4239			0.5000	1.9		20.0			
4-Isopropyltoluene	+++++ 2.5178	2.4826 2.4287	2.3300 2.4496	2.4885	2.5083	Ave		2.4579				2.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6330	2.6022 2.4888	2.4177 2.4741	2.6988	2.6397	Ave		2.5649				4.1		20.0			
Benzyl chloride	+++++ 1.5025	1.3522 1.5759	1.1200 1.5839	1.2839	1.4263	Ave		1.4064				12.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Indan	+++++ 2.5725	2.6207 2.4581	2.2435 2.4730	2.5093	2.5736	Ave		2.4930				5.0		20.0			
1,2-Dichlorobenzene	+++++ 1.3046	1.1937 1.3135	1.1616 1.3424	1.2220	1.3113	Ave		1.2641			0.4000	5.6		20.0			
p-Diethylbenzene	+++++ 1.2323	1.3267 1.1951	1.1248 1.2173	1.2227	1.2369	Ave		1.2223				4.9		20.0			
n-Butylbenzene	+++++ 1.3156	1.2314 1.2726	1.2264 1.2857	1.3404	1.3439	Ave		1.2880				3.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1578	0.1387 0.1710	0.1120 0.1746	0.1320	0.1483	Ave		0.1477			0.0500	15.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.9538	1.6873 1.9627	1.7656 2.0214	1.8002	1.8847	Ave		1.8679				6.5		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6681	0.6617 0.6998	0.7128 0.7186	0.5838	0.6432	Ave		0.6697				7.0		20.0			
1,2,4-Trichlorobenzene	+++++ 0.5681	0.5057 0.6297	0.5660 0.6567	0.5268	0.5580	Ave		0.5730			0.2000	9.3		20.0			
Hexachlorobutadiene	+++++ 0.2031	0.3830 0.2314	0.4856 0.2427	0.2088	0.2100	QuaF		0.2204	0.0000448						1.0000		0.9900
Naphthalene	+++++ 1.7396	1.4488 1.8932	1.4410 1.9019	1.4830	1.6924	Ave		1.6571				12.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4527	0.5076 0.5104	0.5037 0.5244	0.3834	0.4445	Ave		0.4752				10.7		20.0			
Dibromofluoromethane (Surr)	0.2761 0.2782	0.2683 0.2799	0.2781 0.2844	0.2706	0.2740	Ave		0.2762				1.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3060 0.3013	0.3072 0.2980	0.3094 0.2935	0.2878	0.3019	Ave		0.3006				2.4		20.0			
Toluene-d8 (Surr)	1.3873 1.3431	1.3741 1.3585	1.3649 1.3379	1.4166	1.3856	Ave		1.3710				1.9		20.0			
4-Bromofluorobenzene	0.3426 0.3347	0.3424 0.3459	0.3637 0.3507	0.3484	0.3540	Ave		0.3478				2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-713559/4	T37107.D
Level 2	STD05 460-713559/5	T37108.D
Level 3	STD1 460-713559/18	T37121.D
Level 4	STD5 460-713559/7	T37110.D
Level 5	STD20 460-713559/8	T37111.D
Level 6	STD50 460-713559/9	T37112.D
Level 7	STD200 460-713559/10	T37113.D
Level 8	STD500 460-713559/11	T37114.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	+++++ 14853	+++++ 76391	337 192695	1757	6286	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Difluoroethane	FB	Ave	+++++ 67550	716 308653	1161 805931	7505	28140	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorotrifluoroethene	FB	Qua2	+++++ 37526	336 223311	660 603208	3786	15500	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 193439	2029 937377	3500 2265978	20507	80252	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 24454	293 109576	500 281186	2819	10026	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 141031	1827 595582	3100 1653229	15236	56186	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 182006	1891 777269	3117 1883858	21528	75622	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	QuaF	1499 156675	1833 685627	2647 1713143	18374	63679	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	+++++ 75099	649 +++++	1146 +++++	5311	24459	+++++ 50.0	0.500 +++++	1.00 +++++	5.00	20.0
Chloroethane	BUT	Ave	+++++ 117292	1428 452546	1947 1114946	12806	46181	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 272106	3238 1104480	4597 2617807	30840	109764	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 233984	2306 982775	4574 2406994	26315	97083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 47857	363 216865	901 532127	5057	20571	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	QuaF	+++++ 25650	638 95505	888 184750	3883	12738	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	+++++ 111900	1111 454584	1799 1124968	11628	44981	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 126083	1402 502119	2236 1283482	12969	50641	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 126765	1336 542786	2291 1341227	13946	50162	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 223999	2134 874631	4012 2104534	24058	90926	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Ave	+++++ 38055	784 75127	1299 145842	7205	14819	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 131986	1235 543577	2187 1329659	14372	53698	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 144066	1455 639673	2394 1547007	14087	58016	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 171708	3078 769836	3262 1579815	20035	70102	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 45706	181 442735	294 1051183	567	7386	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 437531	5573 1781613	8923 4236736	47724	177167	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 72344	1037 285599	1279 703840	8657	29521	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	BUT	Ave	+++++ 89165	996 348990	1491 765656	9773	38699	+++++ 500	5.00 2000	10.0 5000	50.0	200
Allyl chloride	FB	Ave	+++++ 87096	1003 331658	1537 768555	8269	35353	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 184866	2095 734450	2997 1699570	18547	75563	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 350268	3867 1458462	6178 3343639	38053	142944	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylene Chloride	FB	Ave	+++++ 147406	1500 590426	2617 1441350	15750	60173	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 122507	1685 483116	2997 1113175	12445	50655	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acrylonitrile	FB	Ave	3214 496927	5484 1980426	7954 4533316	50311	207833	2.00 500	5.00 2000	10.0 5000	50.0	200
trans-1,2-Dichloroethene	FB	Ave	+++++ 147544	1705 614597	2795 1509143	15797	58693	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 382399	4100 1539343	6613 3691043	39061	157546	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexane	FB	Ave	+++++ 177801	1711 755425	3171 1787448	18271	74325	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 266593	2800 1064404	4933 2468603	29173	108236	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Qua2	+++++ 53042	382 222803	730 582324	5176	22217	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 146537	1550 574584	2528 1433228	15066	57165	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 453989	4890 1758950	7442 4109375	50741	186275	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 418028	4890 1608061	6661 3856634	41048	169384	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 49319	624 201168	863 479026	4857	19433	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 159268	1593 656874	3133 1597746	16717	65224	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 296491	5054 1191666	5426 2565942	30111	125795	+++++ 250	2.50 1000	5.00 2500	25.0	100
Propionitrile	TBAd9	Ave	+++++ 188807	1883 706035	3307 1609289	18597	78747	+++++ 500	5.00 2000	10.0 5000	50.0	200
Ethyl acetate	BUT	Ave	+++++ 28955	283 107515	399 255858	2586	11287	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 142106	1988 541566	2032 1422920	13084	58894	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	+++++ 68845	682 274097	1387 693030	7564	28906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 605570	5857 2332088	9759 5358541	59009	242582	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 35884	308 140771	501 321549	3844	15525	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chloroform	FB	Ave	+++++ 263469	2513 1033123	4721 2409608	27245	106940	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 219828	2458 897722	3876 2191544	22601	86230	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 199931	2190 856401	3715 2081210	20322	82434	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 183608	1930 777796	3527 1941357	18511	70505	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 215180	2613 869856	3762 2126616	22895	88540	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 118911	1376 491288	1801 1164380	11016	46838	+++++ 1250	12.5 5000	25.0 12500	125	500
Benzene	CBNZ d5	Ave	+++++ 601271	6170 2313727	10646 5574953	62600	238810	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 178706	2239 705243	3820 1681561	19821	74988	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,2,4-Trimethylpentane	FB	Ave	+++++ 315671	3193 1257139	5812 2971776	32081	131308	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 53756	467 210593	822 484973	4919	22196	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 395422	4213 1524561	6675 3648004	38918	160089	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 121025	1705 538369	2677 1191937	12901	54155	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 158418	1427 641714	2490 1531850	16636	63652	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 82581	694 331653	1136 801335	7588	31350	+++++ 1250	12.5 5000	25.0 12500	125	500
Ethyl acrylate	FB	Ave	+++++ 335082	2976 1340688	5459 3144956	33097	132578	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 205025	2030 864340	3644 2107329	20735	85252	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 154669	1490 594309	2782 1402500	17433	61413	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 94713	1057 368990	1689 842546	9752	37057	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dioxane	DXE	Ave	+++++ 31563	591 117167	1153 281935	2883	12627	+++++ 1000	25.0 4000	50.0 10000	100	400
Methyl methacrylate	FB	Ave	+++++ 70229	729 279094	1150 657897	6793	28176	+++++ 100	1.00 400	2.00 1000	10.0	40.0
n-Propyl acetate	FB	Ave	+++++ 191299	1753 727683	2858 1624263	18920	75320	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 195792	1774 783825	3245 1873480	19647	76383	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 50403	463 205197	837 483519	5241	19268	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Qua2	+++++ 66786	208 288583	675 664290	5422	24395	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1664 263690	2366 998037	3982 2195167	24159	103992	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 241210	2557 939623	4376 2208324	23750	94748	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 628501	6206 2354470	9436 5122548	61254	250415	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	+++++ 610266	6303 2370802	11260 5497301	65269	243095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 208008	2378 825709	4043 1945575	18735	80628	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	+++++ 172840	1702 681631	2828 1615255	16166	66330	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 110283	1071 424056	1874 982256	11415	43595	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 133419	1303 537296	2269 1300589	13330	53064	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 217162	2302 835226	4084 1907875	23311	88923	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 421586	4280 1619642	6655 3515373	40405	175561	+++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorodibromomethane	CBNZ d5	Ave	+++++ 133183	1087 534533	2379 1296906	12983	53599	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 133384	1324 511541	2493 1202651	13038	53133	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 194957	1930 725605	2941 1632936	18867	79432	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	+++++ 363907	3651 1383359	6309 3320228	36546	144113	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 124757	1063 480392	2188 1164373	12396	48464	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	+++++ 192515	2003 739390	3396 1766610	20213	78701	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 235004	2480 877722	4151 2121064	23576	95758	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	+++++ 222605	2538 831640	3981 2033495	23053	89155	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	+++++ 372420	3713 1396184	6319 3391046	37305	149749	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 96886	909 361057	1386 867504	8444	39483	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 75805	704 308966	1150 778460	6868	29439	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 208832	1963 764227	3223 1786897	19639	85504	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 564391	6122 2050935	9821 4983158	59294	225303	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 127333	1207 486888	2260 1222692	12715	50869	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 162285	1516 614742	2774 1489122	15793	65913	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 43828	248 162083	633 394413	4106	17799	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 44421	398 165036	481 396165	4012	16739	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 705291	7670 2599239	12554 6335573	74115	285799	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 390345	4275 1377743	7204 3390799	42741	157257	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 526994	5667 1863462	9274 4625075	54239	212993	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 407327	4502 1522670	7448 4112582	43435	187396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 404929	4106 1482718	7797 3720651	42055	166065	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 155985	1299 596814	2292 1534061	13696	61262	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 331963	3677 1226234	6213 3089891	34905	135006	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 405458	4314 1490296	7978 3792581	41717	163479	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 490220	5580 1813589	9429 4580537	50912	202500	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 211746	2245 807784	4170 2069299	21423	86328	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 215189	2309 824525	4438 2122003	21760	85644	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 380310	3883 1417637	7221 3647343	38752	153490	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 397713	4070 1452735	7493 3683804	42026	161531	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	+++++ 226955	2115 919895	3471 2358417	19993	87281	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	+++++ 388578	4099 1434818	6953 3682192	39075	157487	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 197054	1867 766693	3600 1998738	19029	80243	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 186145	2075 697595	3486 1812584	19040	75691	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	+++++ 198727	1926 742847	3801 1914373	20873	82237	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 23831	217 99794	347 259946	2055	9072	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 295125	2639 1145633	5472 3009819	28033	115329	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 713559

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2020 00:33 Calibration End Date: 08/03/2020 06:35 Calibration ID: 81400

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 100915	1035 408469	2209 1069904	9091	39360	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 85805	791 367585	1754 977787	8204	34146	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	QuaF	+++++ 30683	599 135085	1505 361447	3252	12848	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 262774	2266 1105066	4466 2831945	23093	103564	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 68385	794 297912	1561 780791	5970	27201	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	154350 143307	150348 140433	145770 137306	147854	143577	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	171064 155197	172113 149532	162150 141718	157210	158194	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	528003 491928	516151 472940	495641 444627	516080	499229	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	130393 122606	128606 120410	132052 116549	126935	127556	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Aug-2020 00:33:45 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0114382-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:29:06 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: boykink Date: 03-Aug-2020 01:30:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.787	0.787	0.000	74	1499	0.2500	0.4088	
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	94	43332	1000.0	1000.0	
33 Acrylonitrile	53	1.708	1.708	0.000	88	3214	2.00	2.88	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	38	327180	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	94	154350	50.0	50.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	92	171064	50.0	50.9	
* 65 Fluorobenzene	96	3.274	3.274	0.000	98	559072	50.0	50.0	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	1	30367	1000.0	1000.0	
80 Epichlorohydrin	57	4.530	4.524	0.006	5	1664	5.00	6.16	a
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	528003	50.0	50.6	
* 94 Chlorobenzene-d5	117	6.749	6.749	0.000	87	380586	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	82	130393	50.0	49.3	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	98	161100	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00122	Amount Added:	0.00	Units: uL	
ACROLEIN W_00109	Amount Added:	0.00	Units: uL	
GASES Li_00379	Amount Added:	2.50	Units: uL	
524freon_00025	Amount Added:	0.00	Units: uL	
14DIOXINTER_00117	Amount Added:	0.00	Units: uL	
GAS Hi_00367	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00076	Amount Added:	20.00	Units: uL	
Ethanol mix_00042	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	0.00	Units: uL	
MIX I Hi_00128	Amount Added:	0.00	Units: uL	
8FreonHi_00021	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:29:07 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D

Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15

Lims ID: STD8

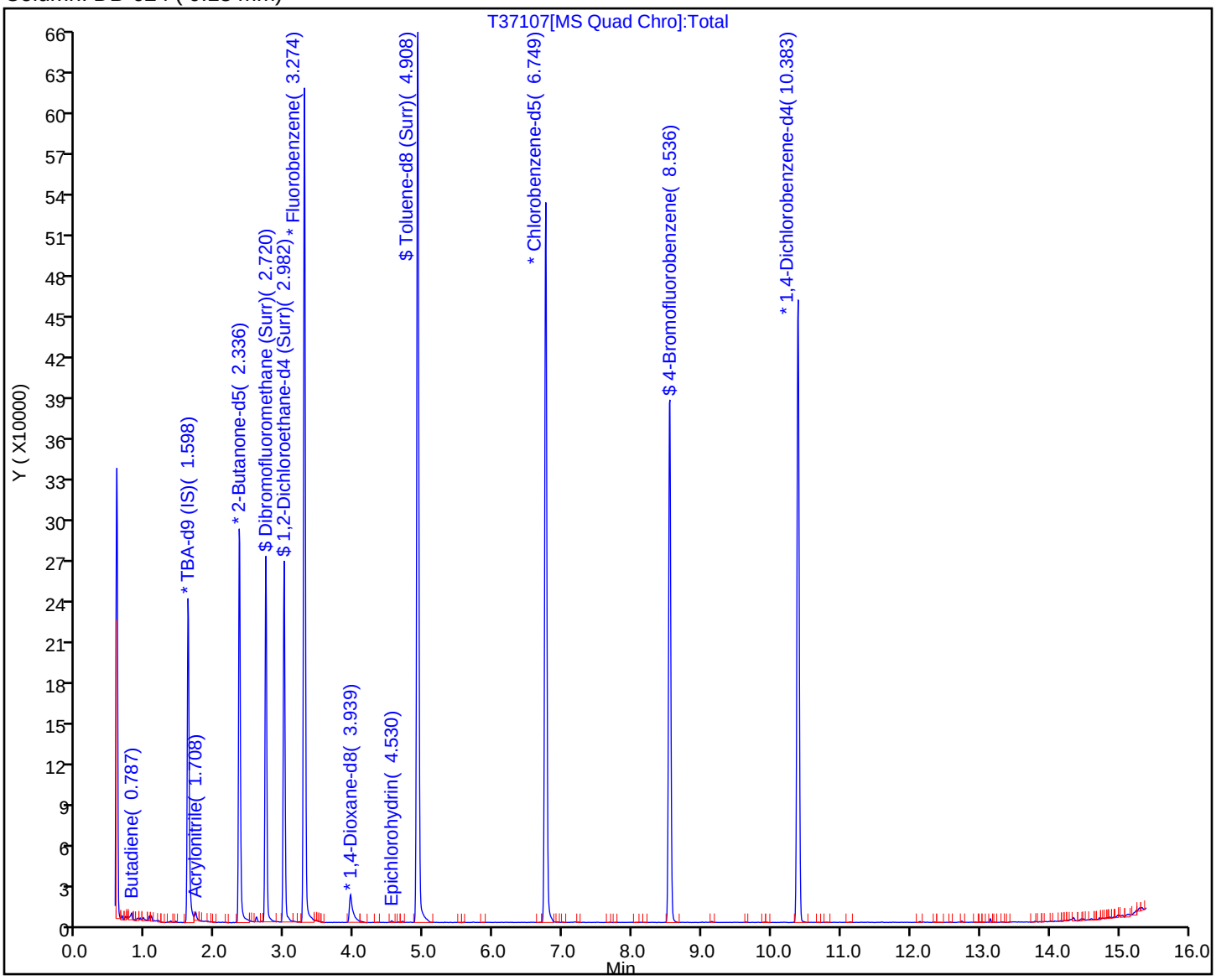
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

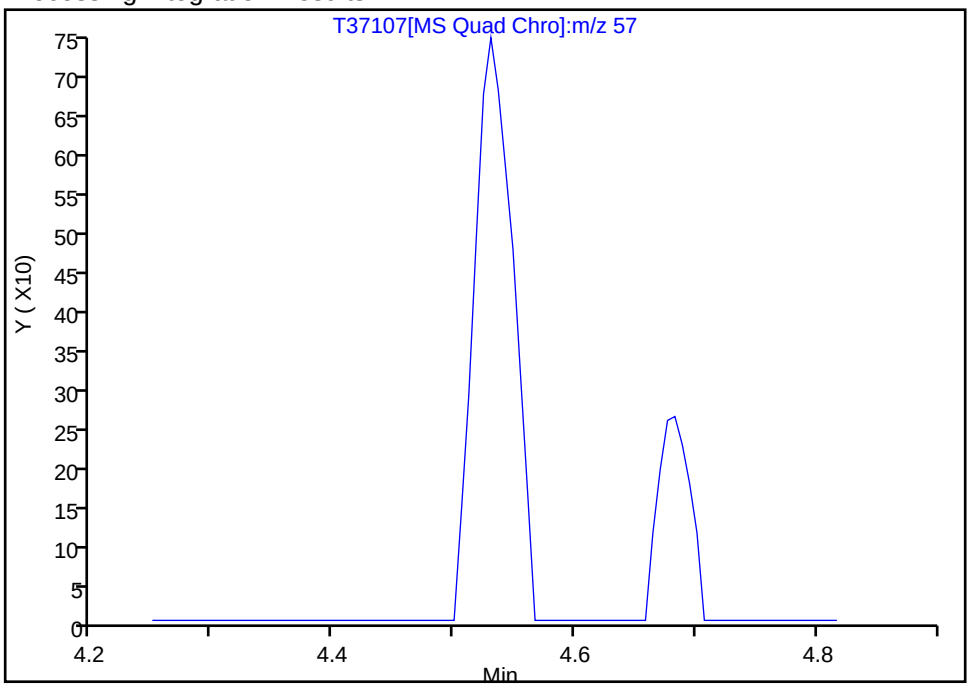
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

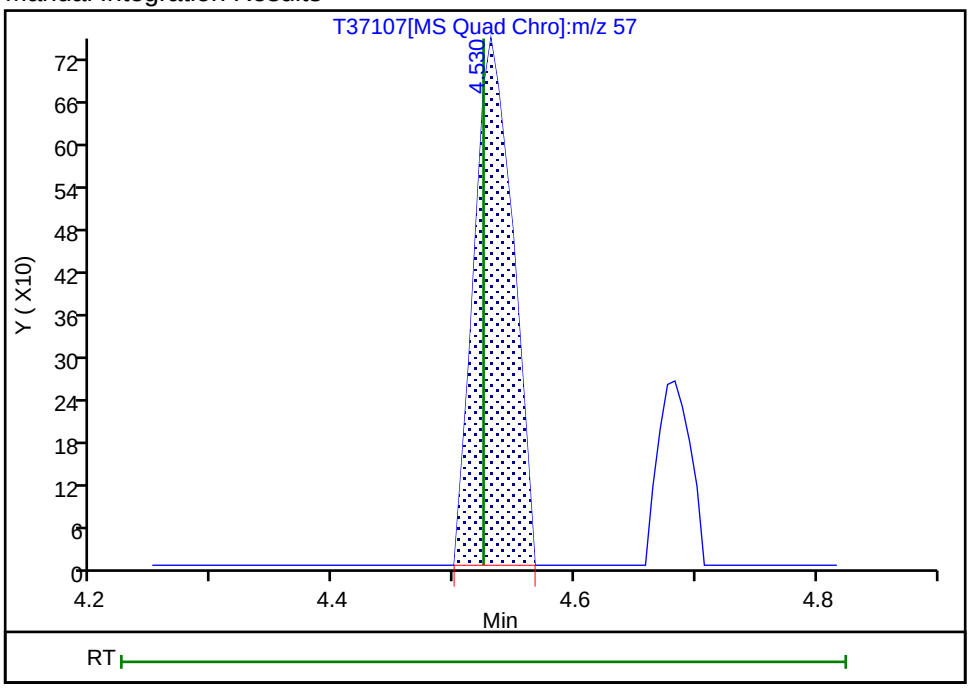
Not Detected
Expected RT: 4.52

Processing Integration Results



Manual Integration Results

RT: 4.53
Area: 1664
Amount: 6.155853
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:30:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

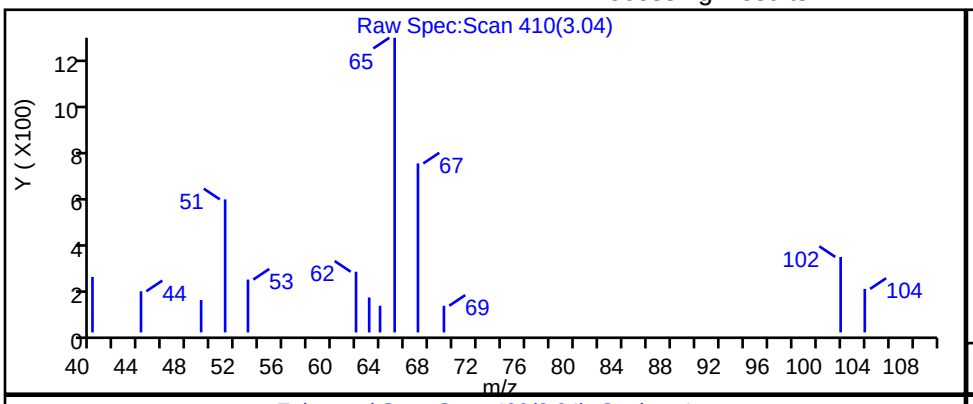
User Disabled Compound Report

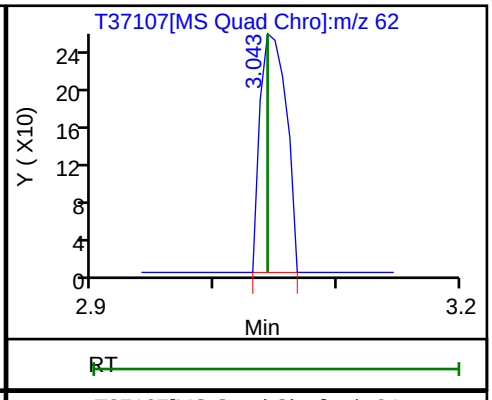
Eurofins TestAmerica, Edison

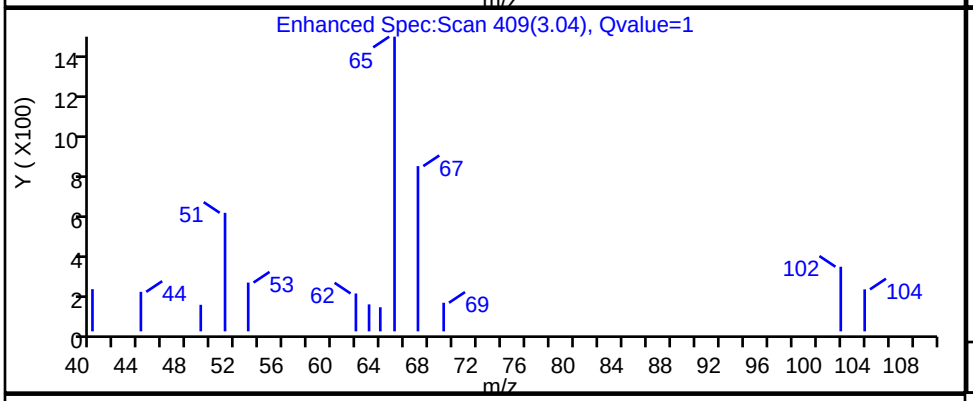
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

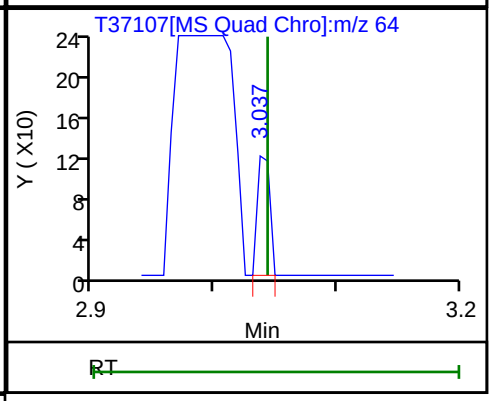
61 1,2-Dichloroethane, CAS: 107-06-2

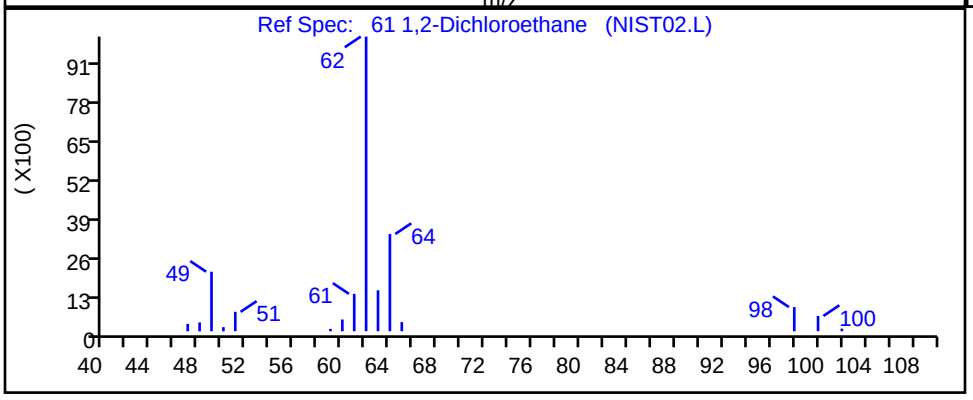
Processing Results











RT	Mass	Response	Amount
3.04	62.00	381	0.085268
3.04	64.00	84	

Reviewer: boykink, 03-Aug-2020 01:29:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

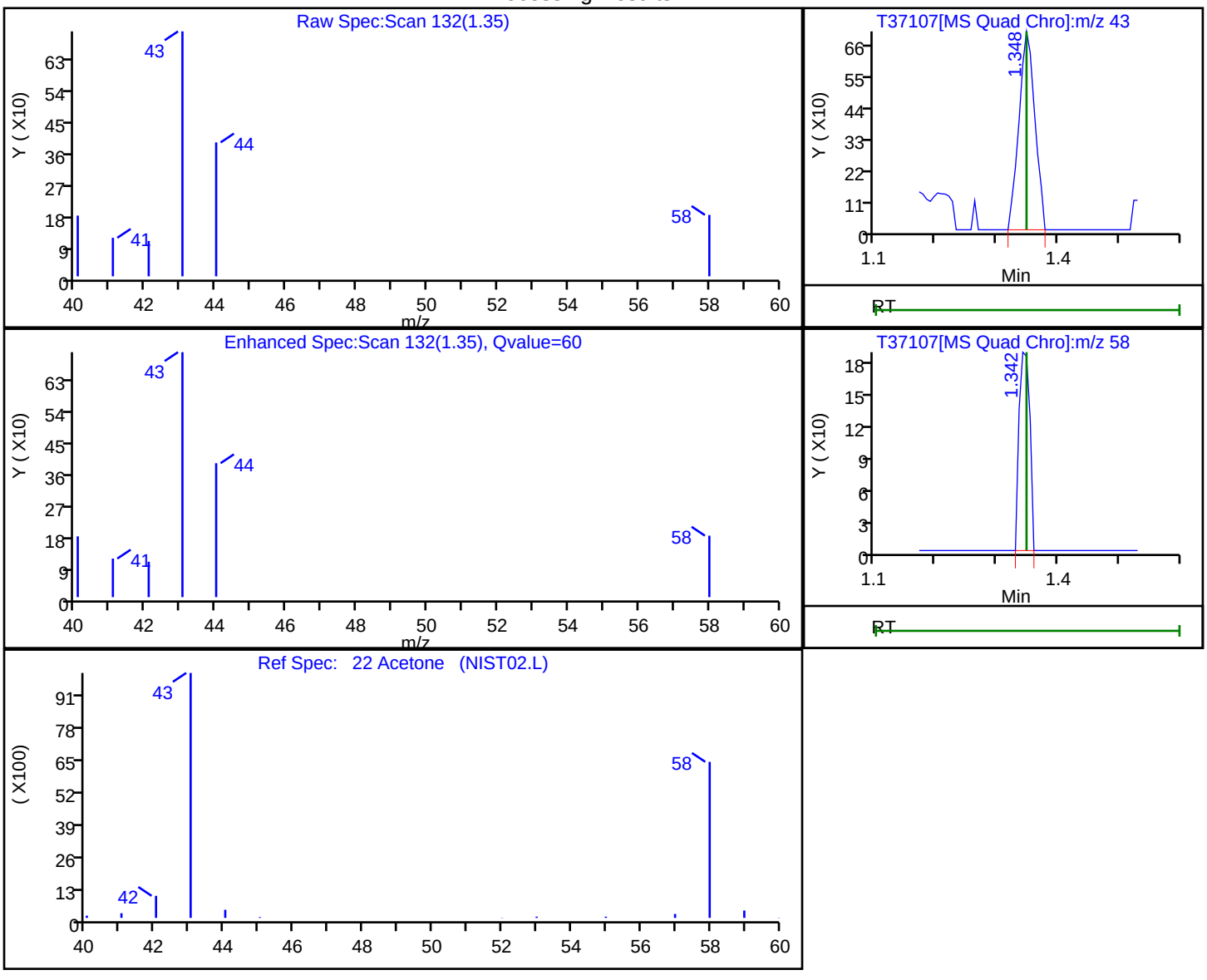
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.35	43.00	1283	1.087638
1.34	58.00	222	

Reviewer: boykink, 03-Aug-2020 01:29:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

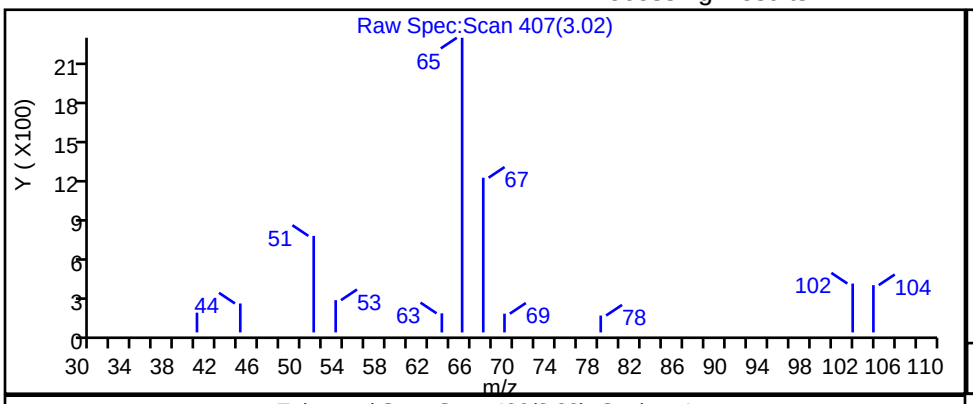
User Disabled Compound Report

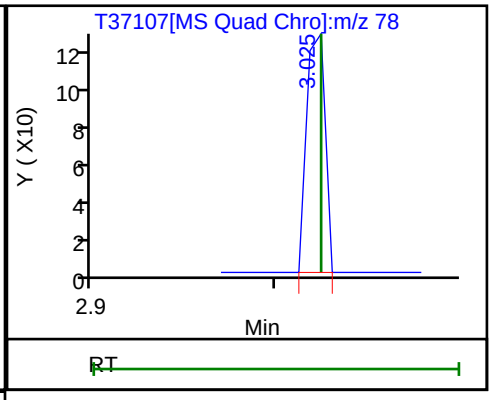
Eurofins TestAmerica, Edison

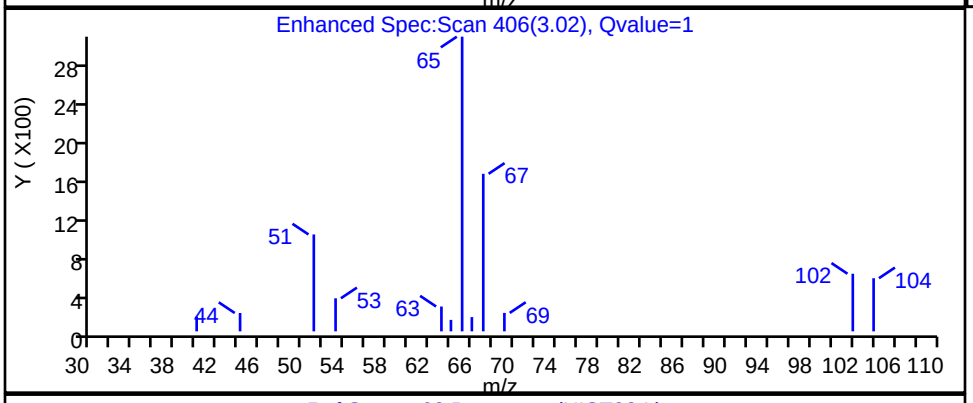
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

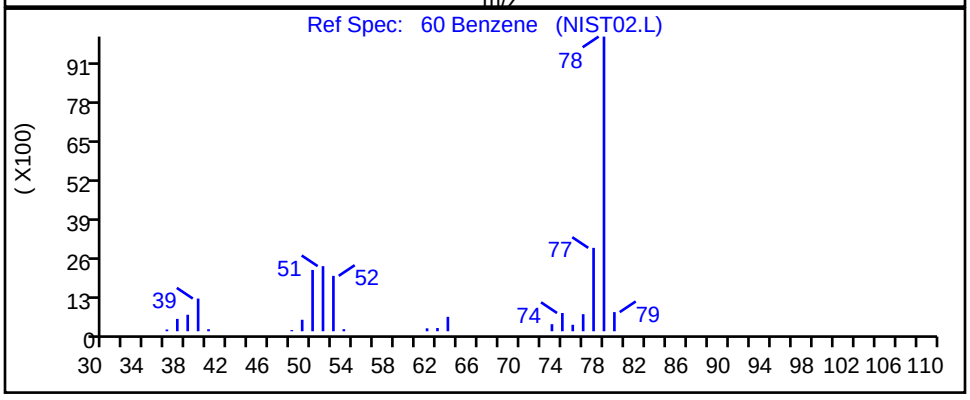
60 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.02	78.00	90	0.007198

Reviewer: boykink, 03-Aug-2020 01:29:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

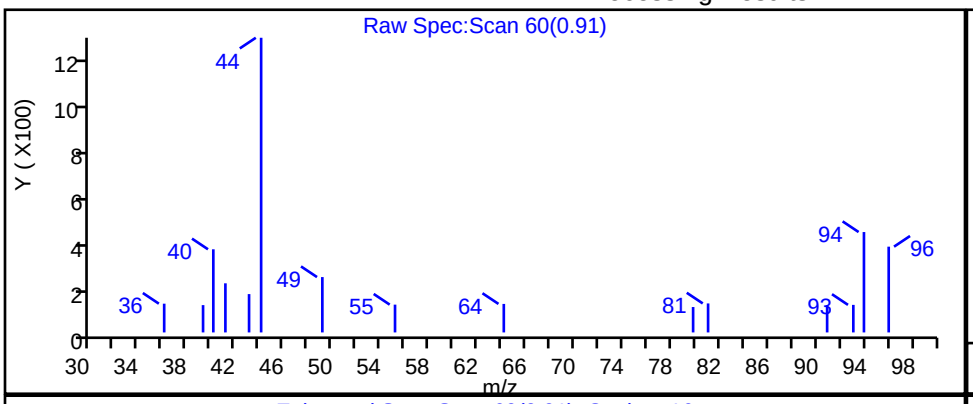
User Disabled Compound Report

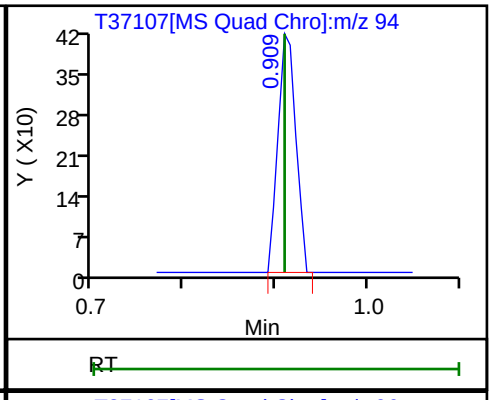
Eurofins TestAmerica, Edison

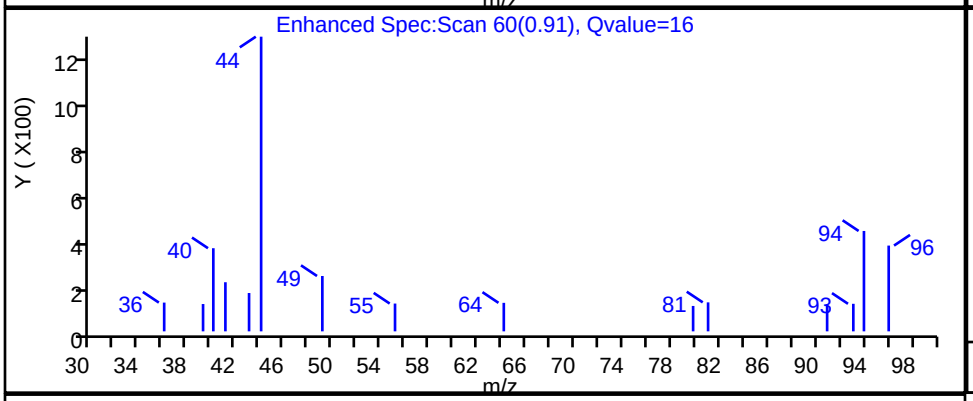
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

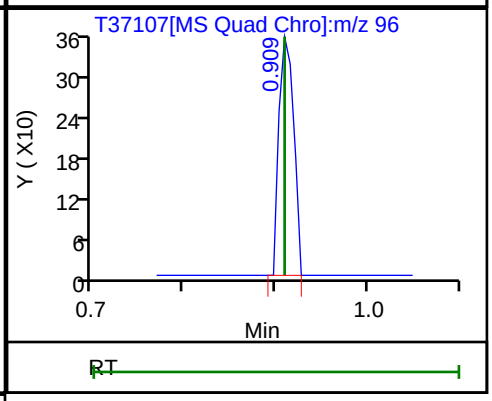
9 Bromomethane, CAS: 74-83-9

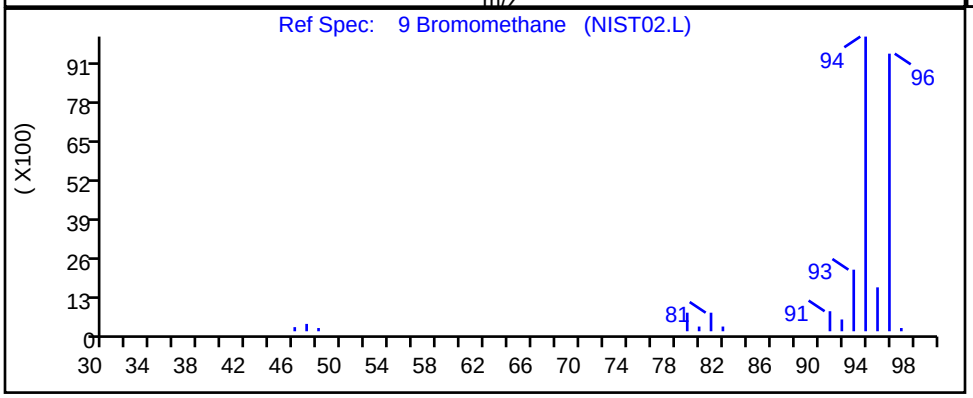
Processing Results











RT	Mass	Response	Amount
0.91	94.00	569	0.250000
0.91	96.00	401	

Reviewer: boykink, 03-Aug-2020 01:29:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

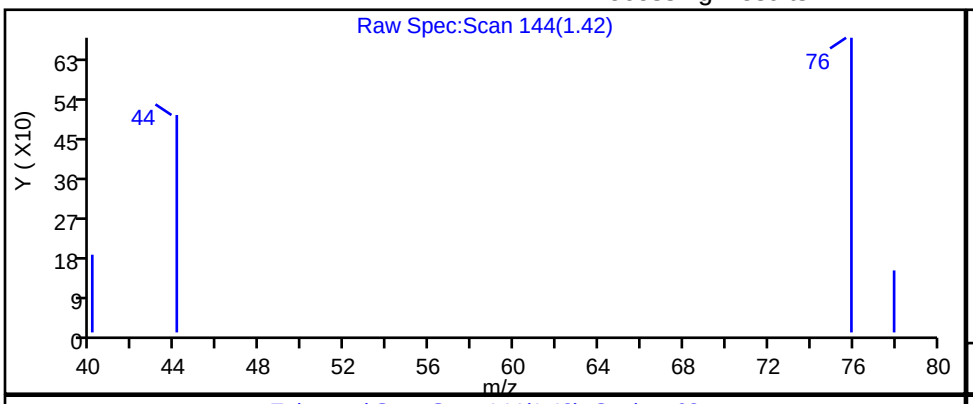
User Disabled Compound Report

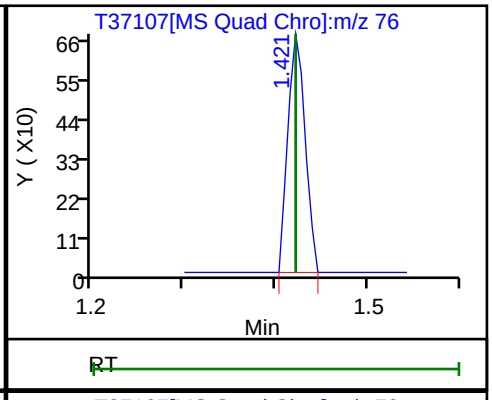
Eurofins TestAmerica, Edison

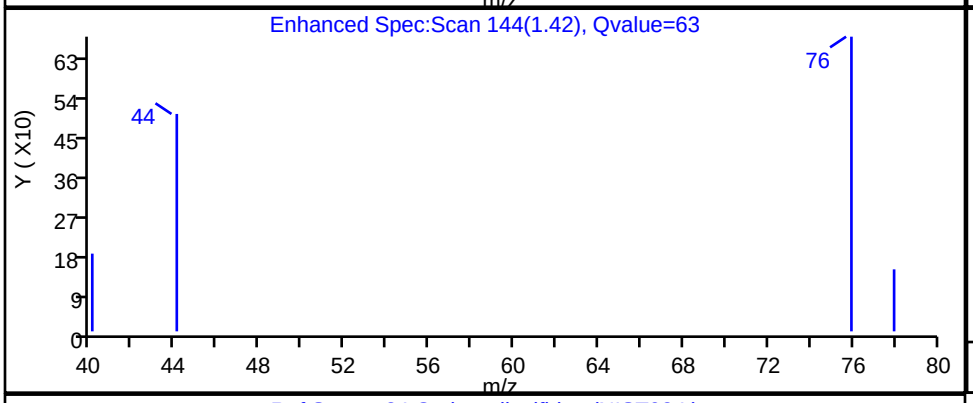
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

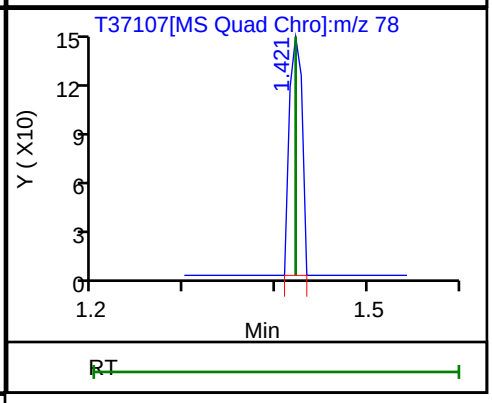
24 Carbon disulfide, CAS: 75-15-0

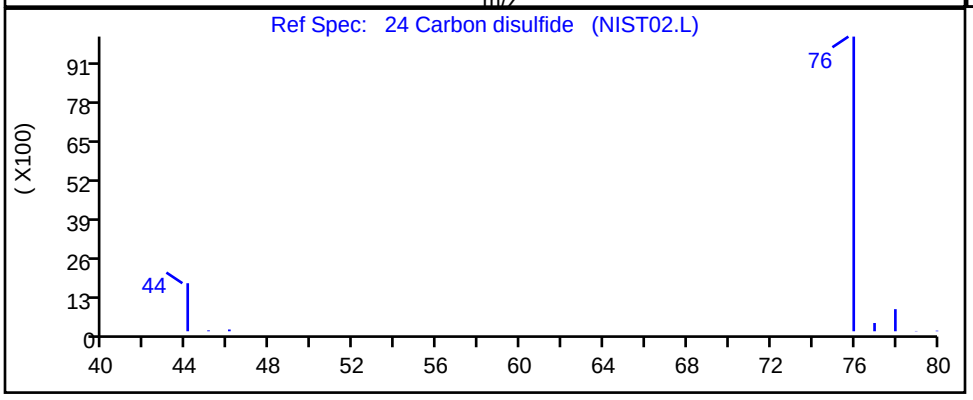
Processing Results











RT	Mass	Response	Amount
1.42	76.00	885	0.079573
1.42	78.00	137	

Reviewer: boykink, 03-Aug-2020 01:29:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

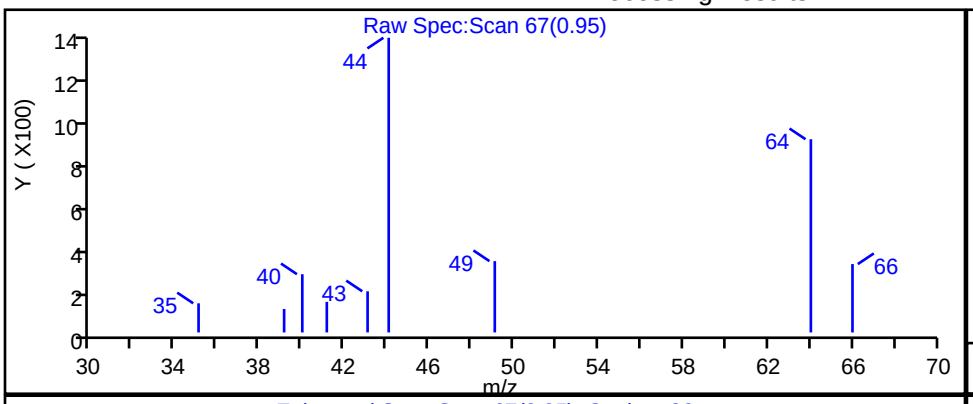
User Disabled Compound Report

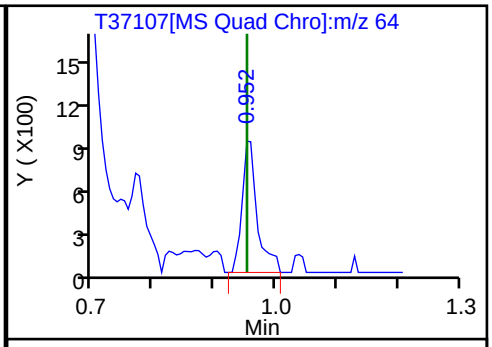
Eurofins TestAmerica, Edison

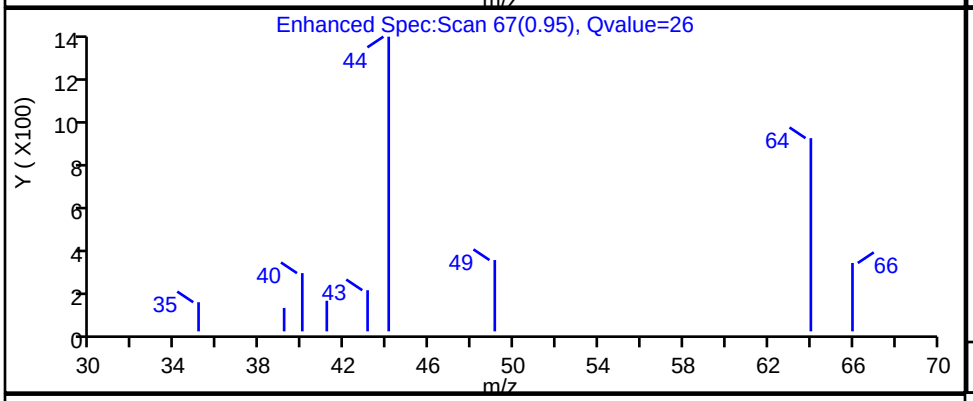
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

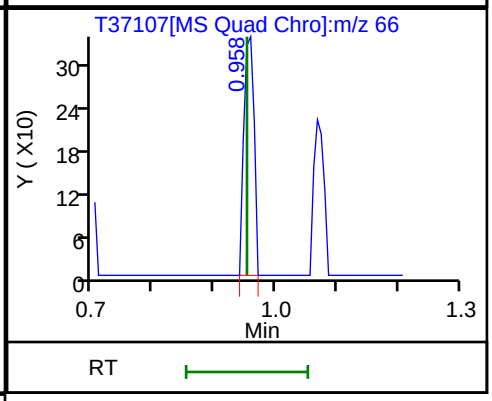
10 Chloroethane, CAS: 75-00-3

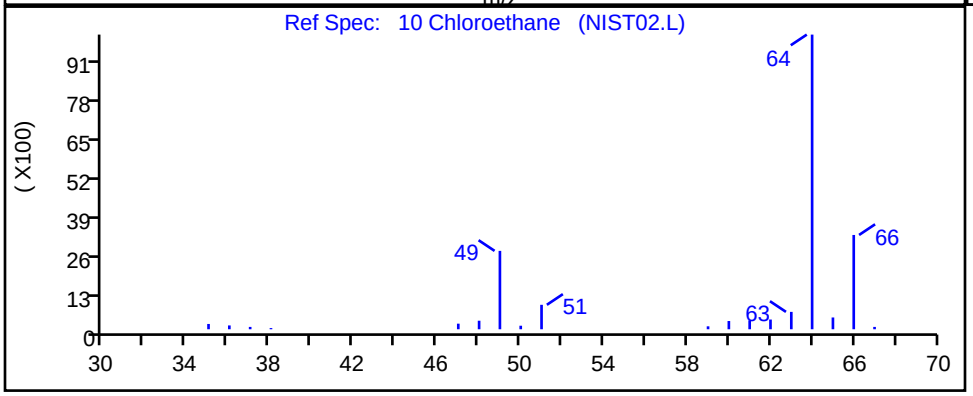
Processing Results











RT	Mass	Response	Amount
0.95	64.00	1594	0.250000
0.96	66.00	389	

Reviewer: boykink, 03-Aug-2020 01:29:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

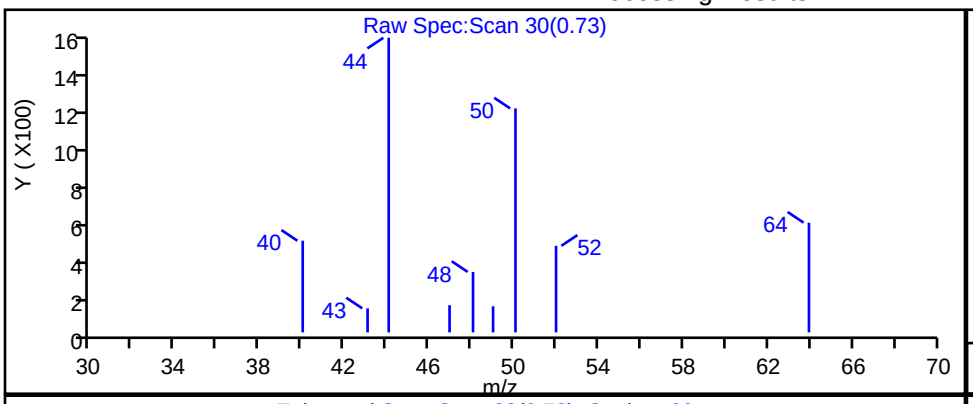
User Disabled Compound Report

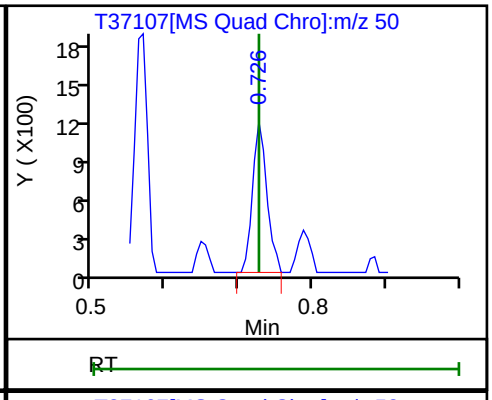
Eurofins TestAmerica, Edison

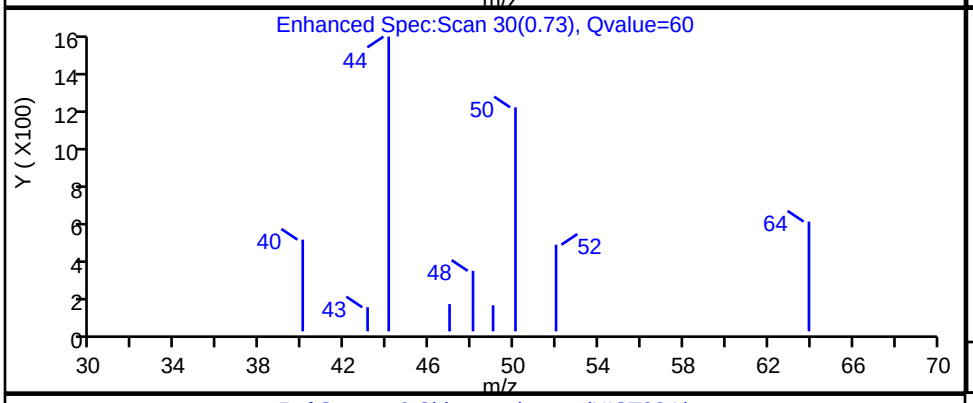
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

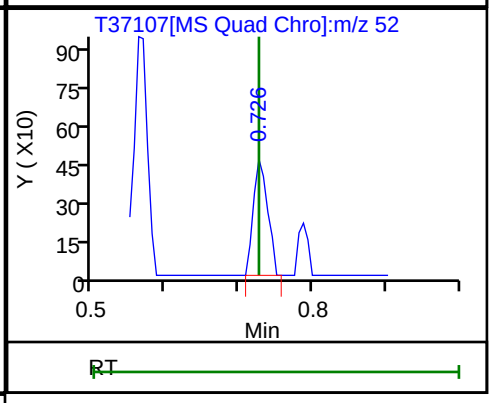
6 Chloromethane, CAS: 74-87-3

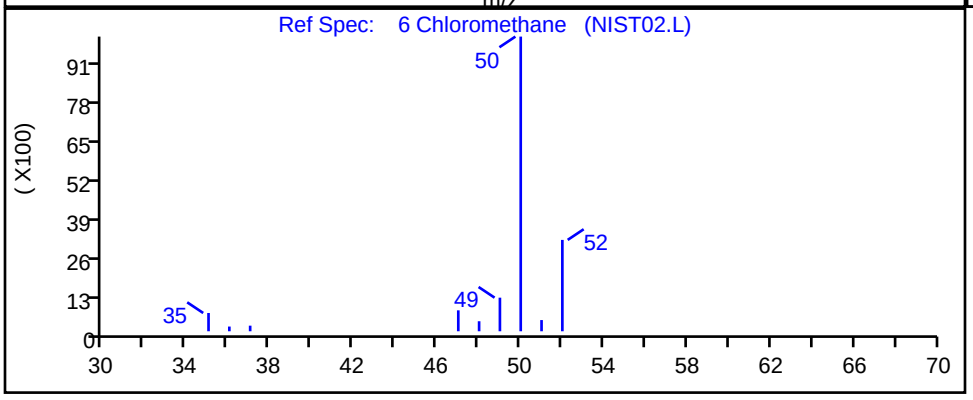
Processing Results











RT	Mass	Response	Amount
0.73	50.00	1627	0.250000
0.73	52.00	625	

Reviewer: boykink, 03-Aug-2020 01:29:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

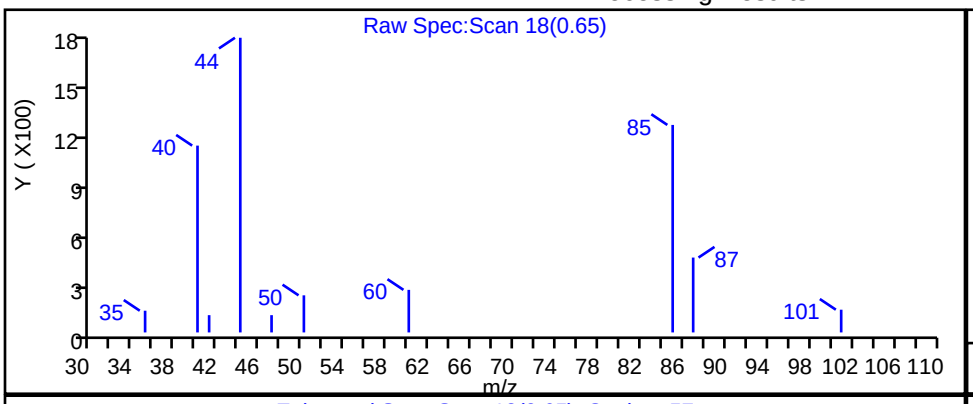
User Disabled Compound Report

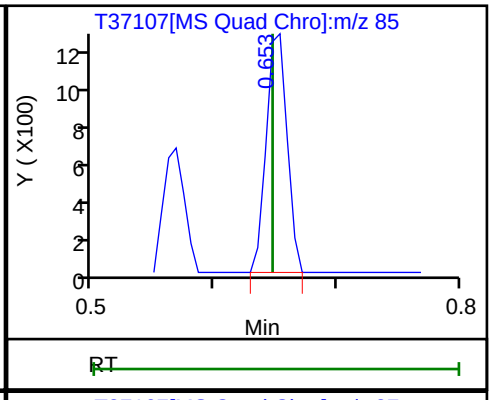
Eurofins TestAmerica, Edison

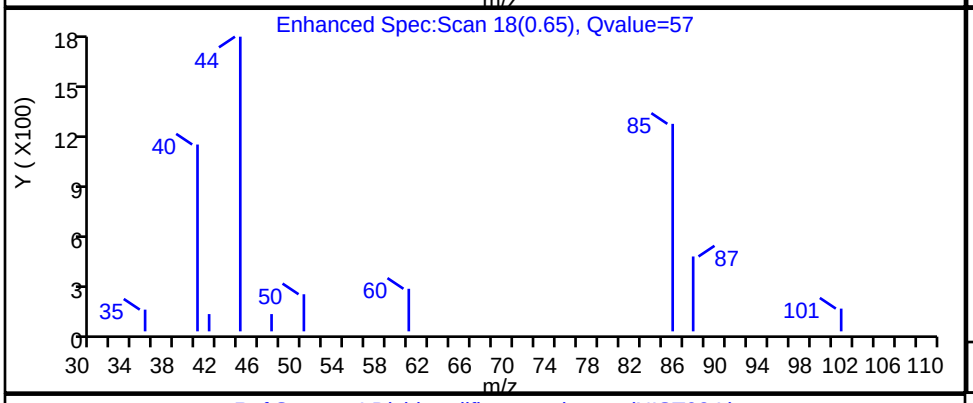
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

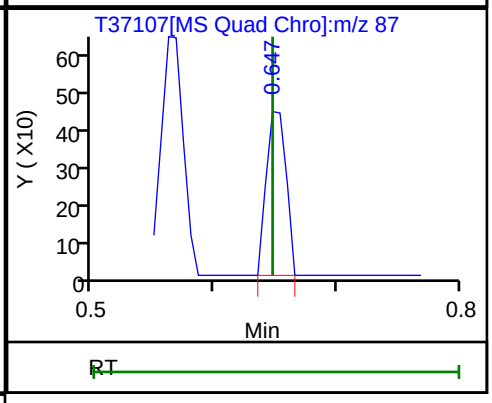
4 Dichlorodifluoromethane, CAS: 75-71-8

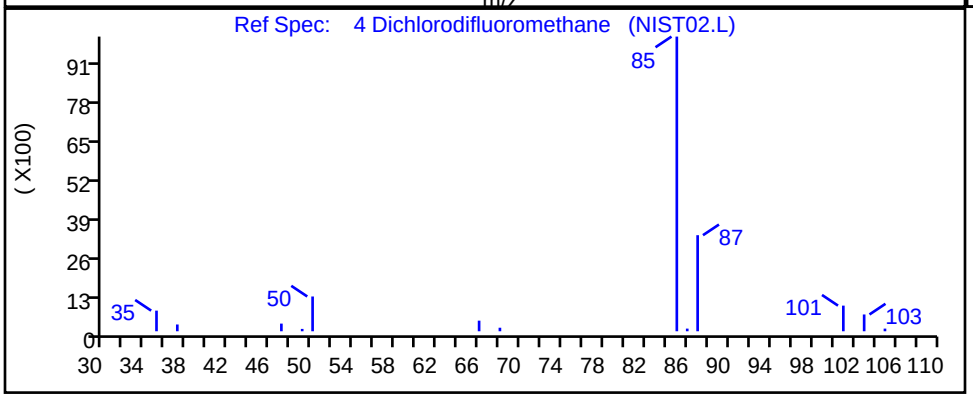
Processing Results











RT	Mass	Response	Amount
0.65	85.00	1445	0.250000
0.65	87.00	499	

Reviewer: boykink, 03-Aug-2020 01:29:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

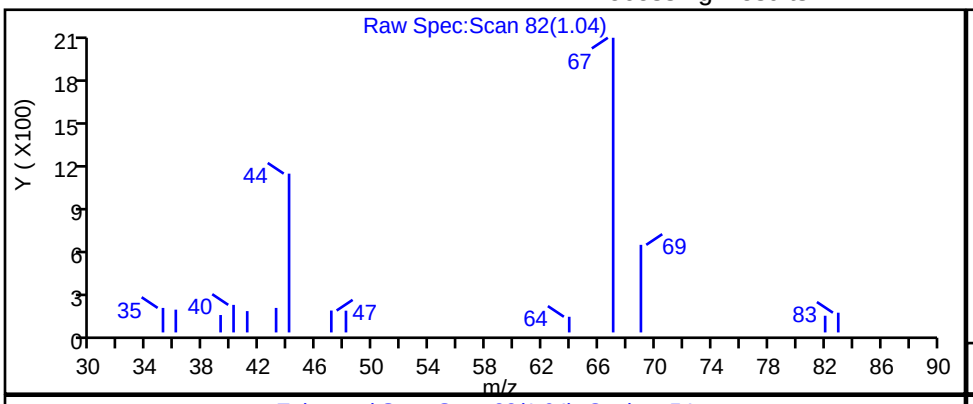
User Disabled Compound Report

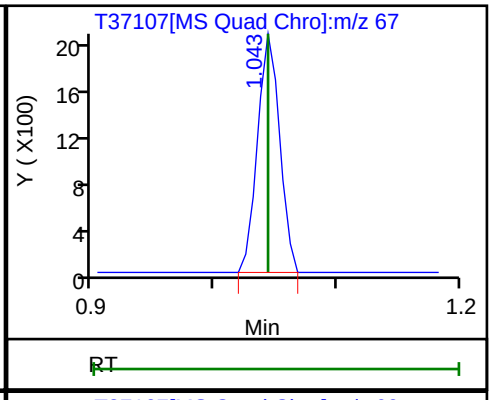
Eurofins TestAmerica, Edison

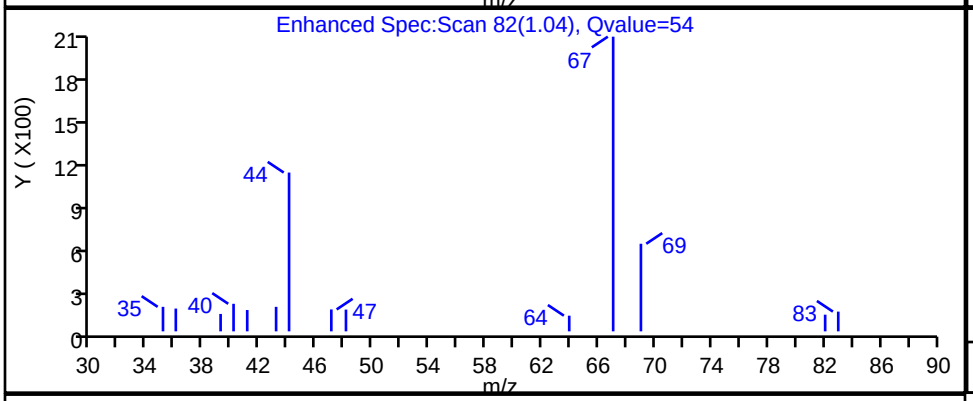
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

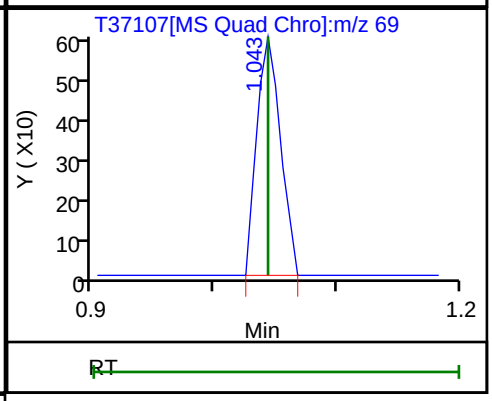
11 Dichlorofluoromethane, CAS: 75-43-4

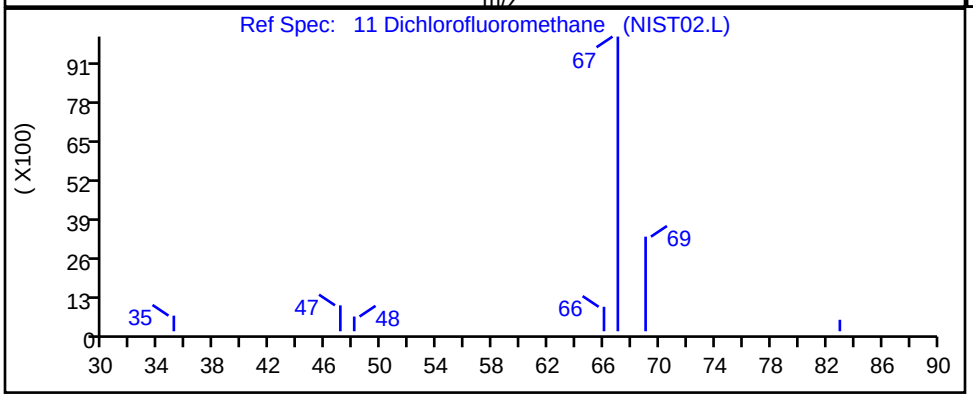
Processing Results











RT	Mass	Response	Amount
1.04	67.00	2561	0.250000
1.04	69.00	816	

Reviewer: boykink, 03-Aug-2020 01:29:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

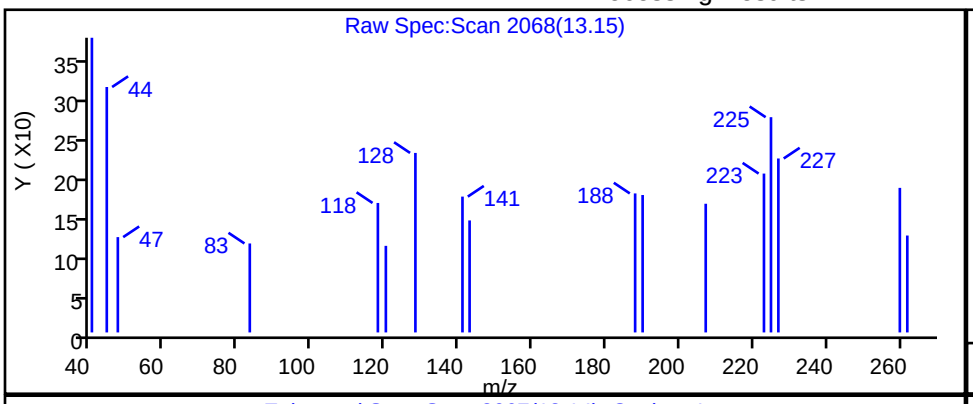
User Disabled Compound Report

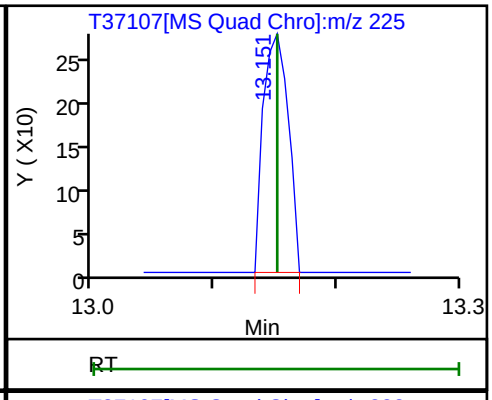
Eurofins TestAmerica, Edison

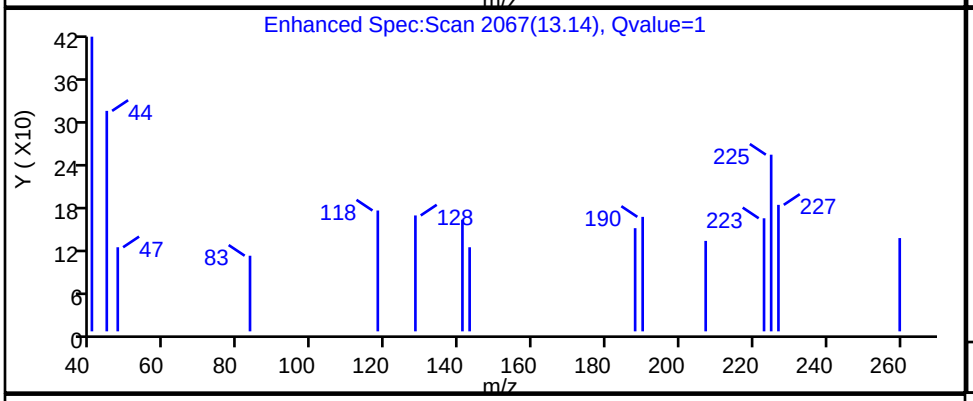
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

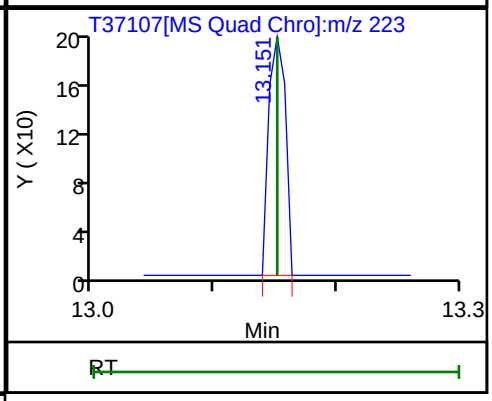
133 Hexachlorobutadiene, CAS: 87-68-3

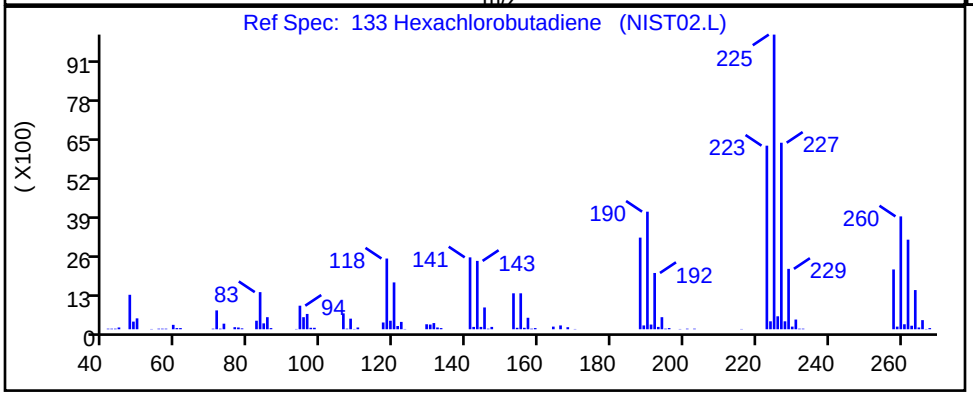
Processing Results











RT	Mass	Response	Amount
13.15	225.00	387	0.313630
13.15	223.00	191	

Reviewer: boykink, 03-Aug-2020 01:29:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

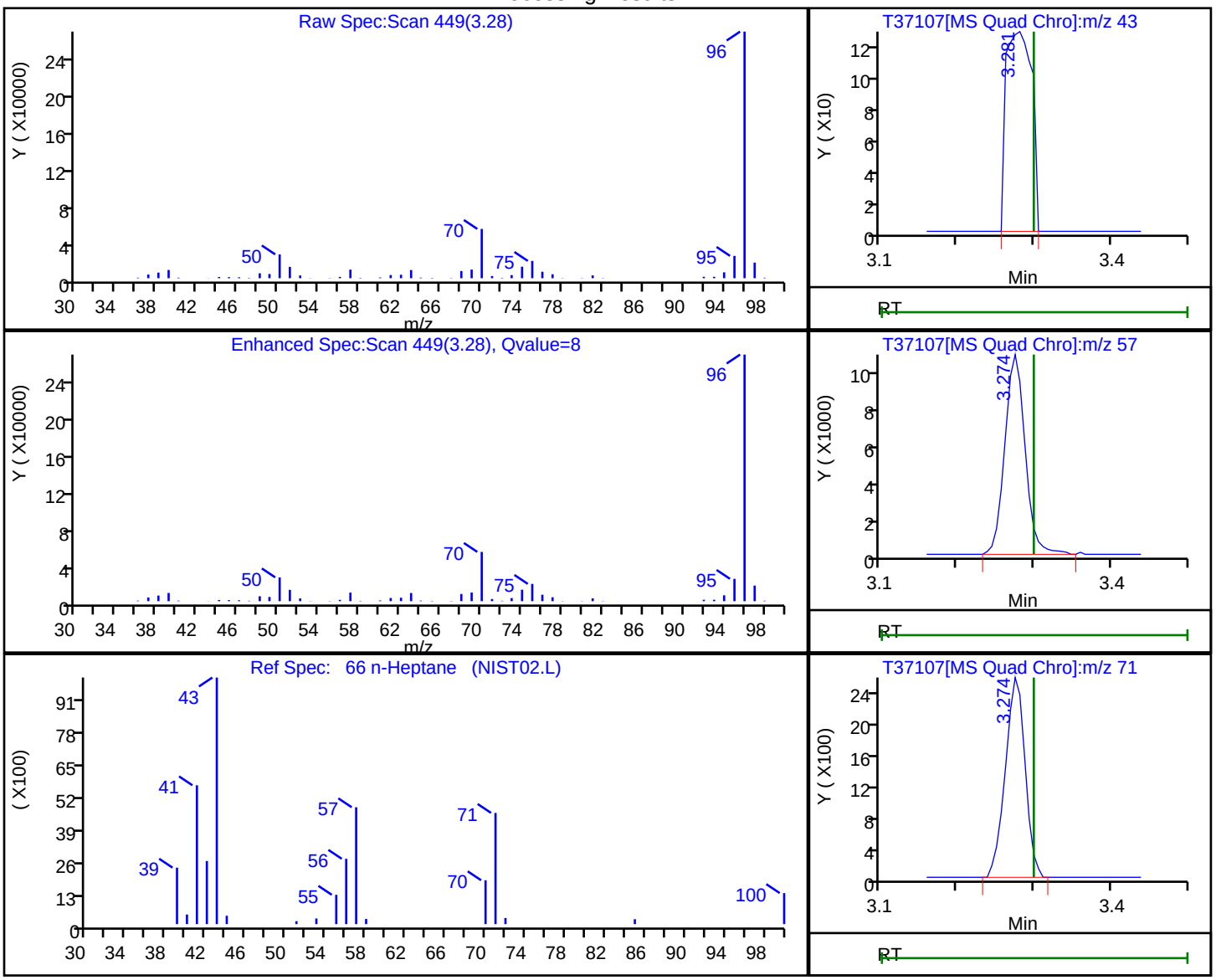
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.28	43.00	300	0.104094
3.27	57.00	19671	
3.27	71.00	4569	

Reviewer: baronm, 03-Aug-2020 19:36:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

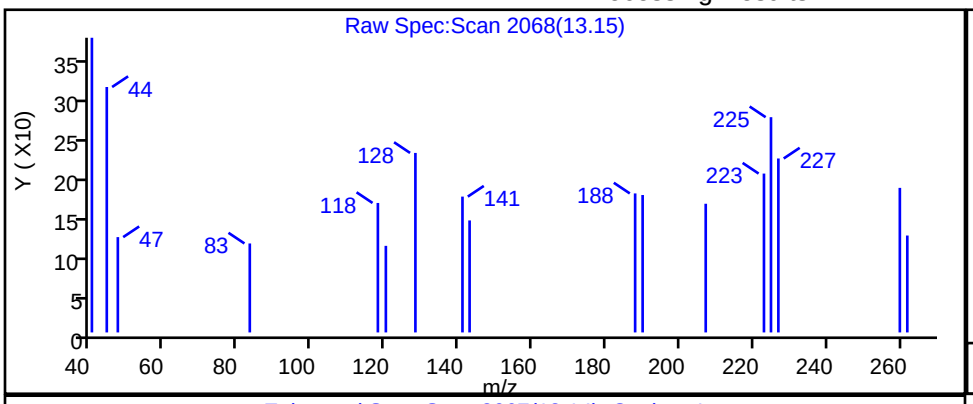
User Disabled Compound Report

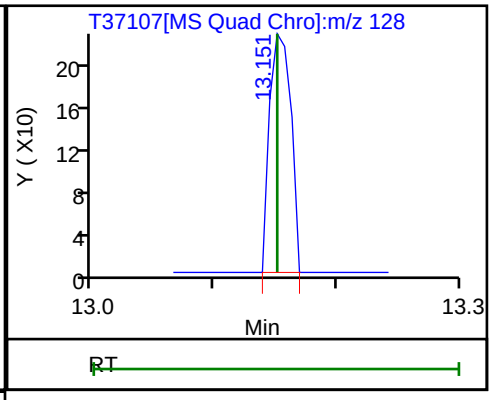
Eurofins TestAmerica, Edison

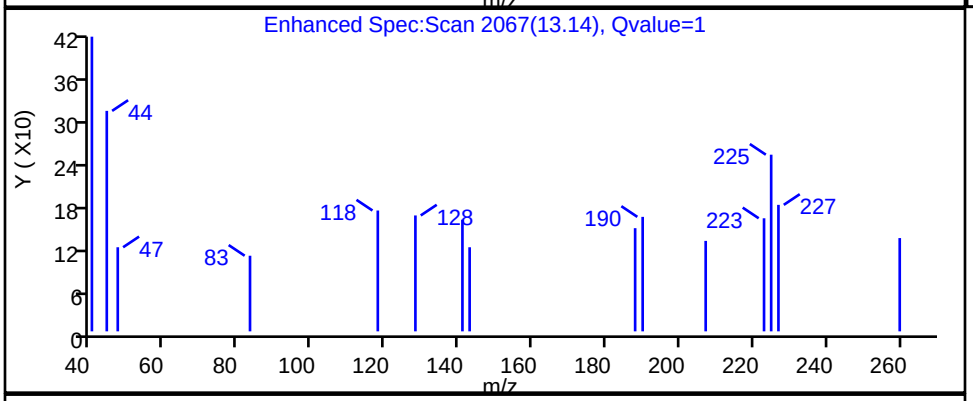
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

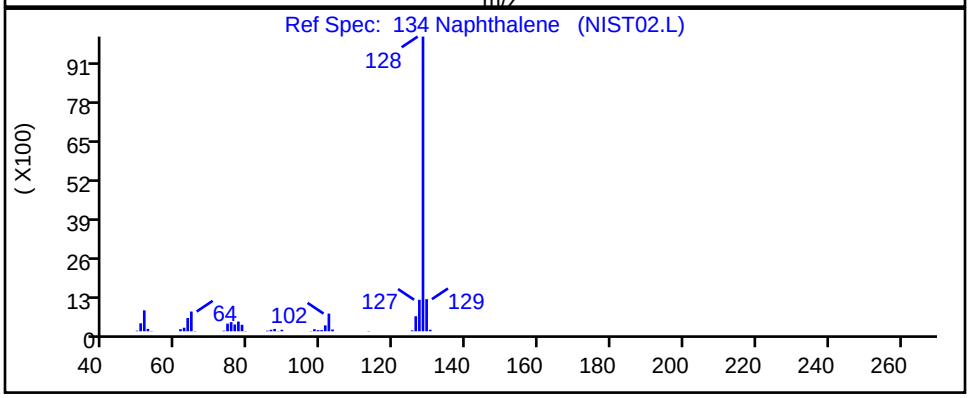
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.15	128.00	275	0.058912

Reviewer: boykink, 03-Aug-2020 01:29:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

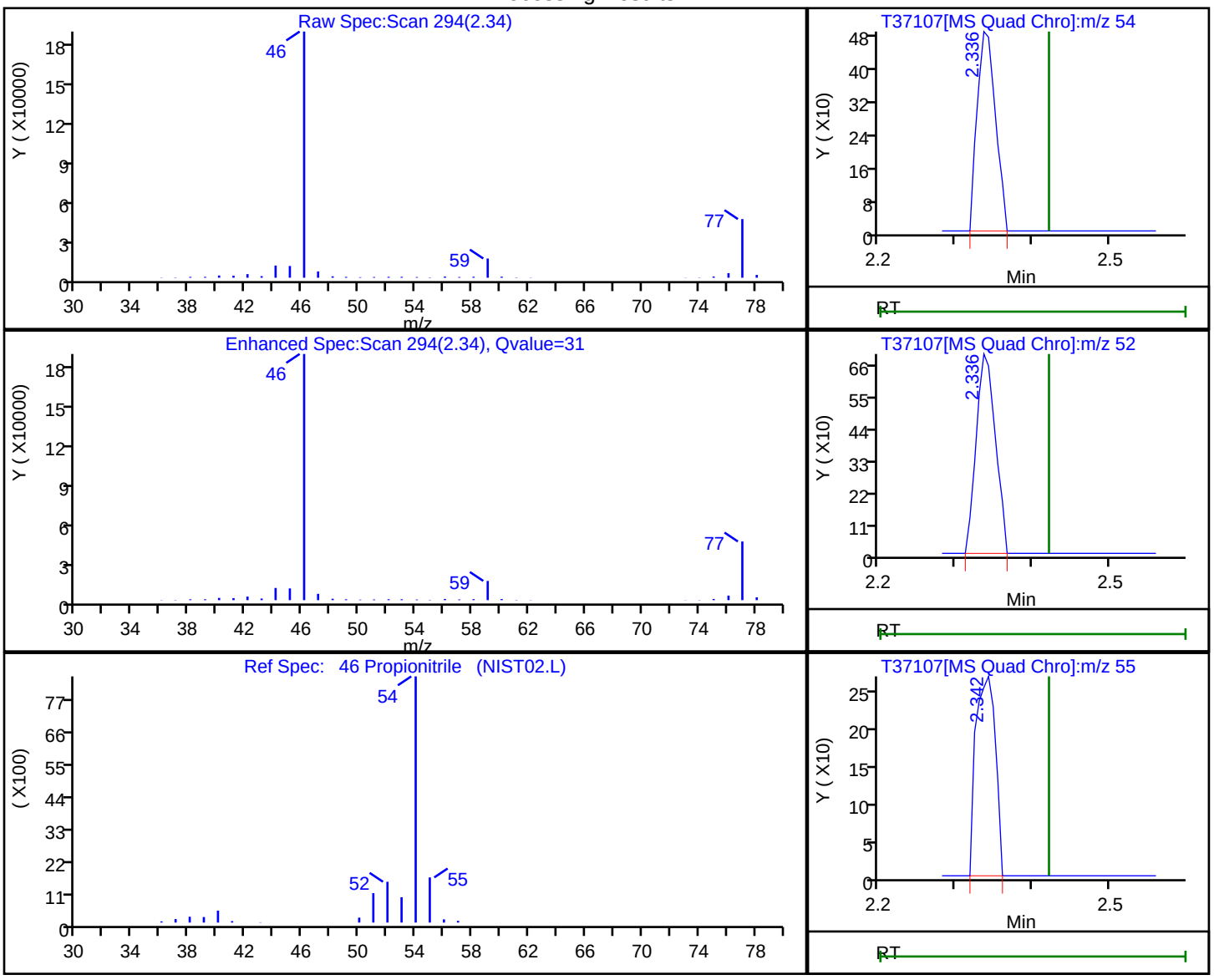
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.34	54.00	812	4.396577
2.34	52.00	1211	
2.34	55.00	479	

Reviewer: boykink, 03-Aug-2020 01:29:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

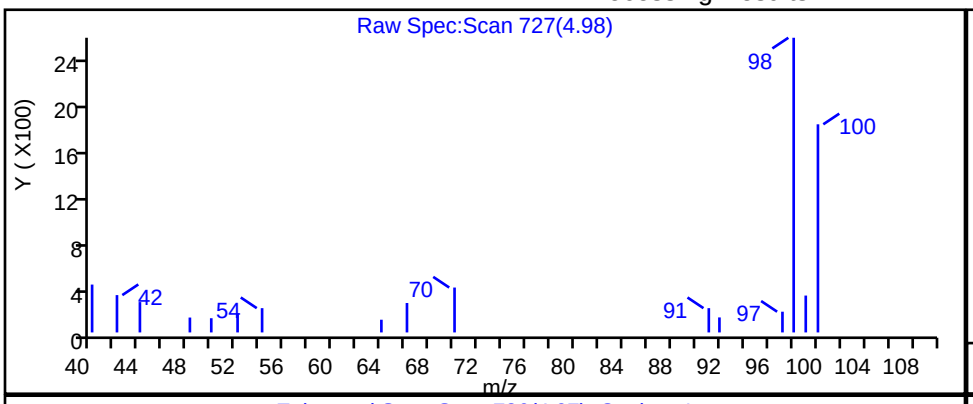
User Disabled Compound Report

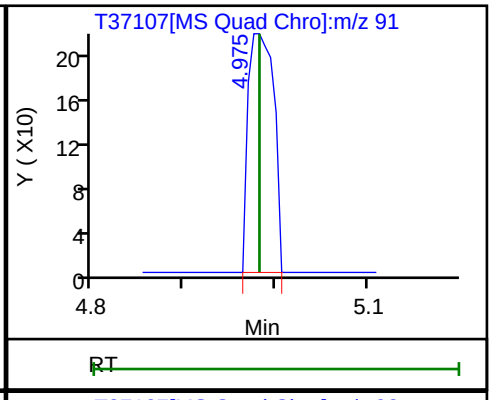
Eurofins TestAmerica, Edison

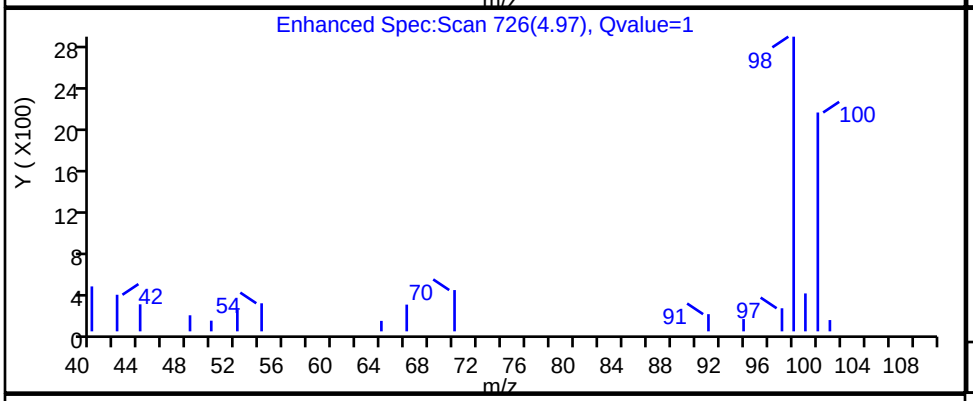
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

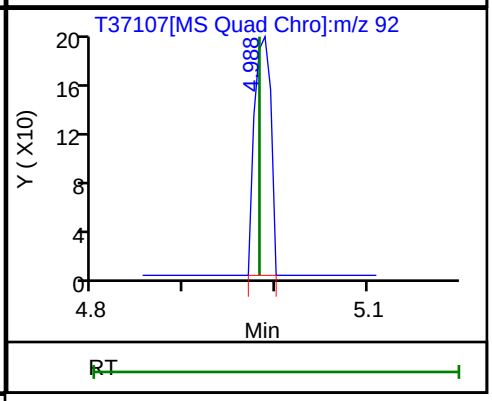
84 Toluene, CAS: 108-88-3

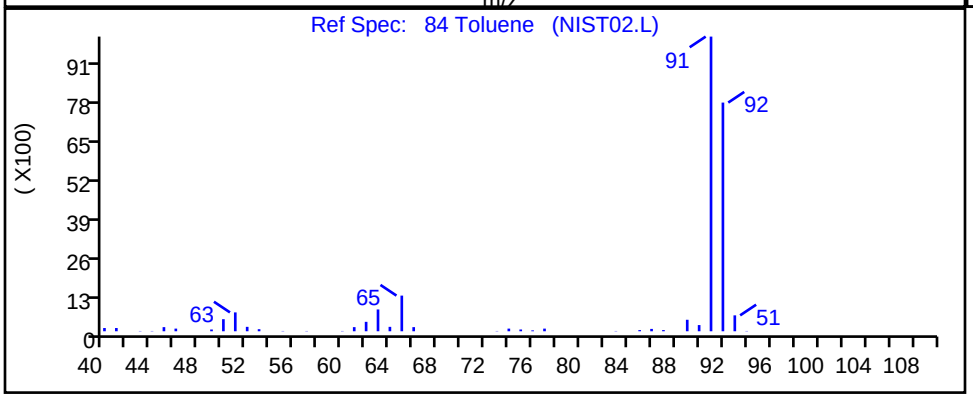
Processing Results











RT	Mass	Response	Amount
4.98	91.00	412	0.032256
4.99	92.00	243	

Reviewer: boykink, 03-Aug-2020 01:29:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

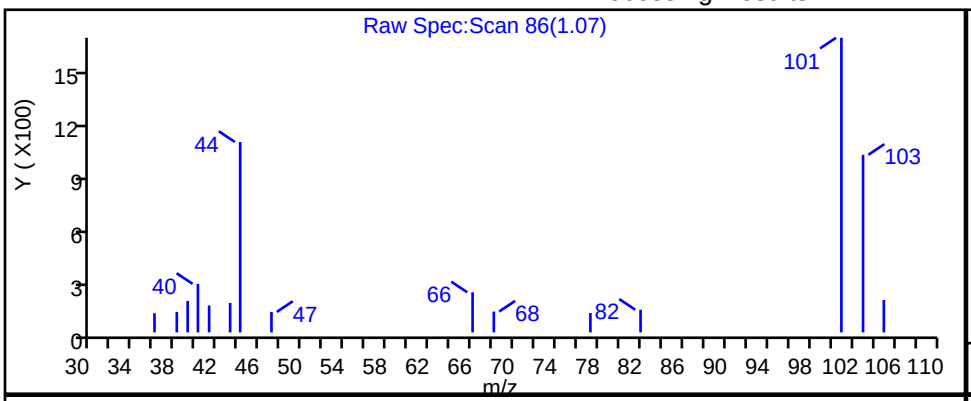
User Disabled Compound Report

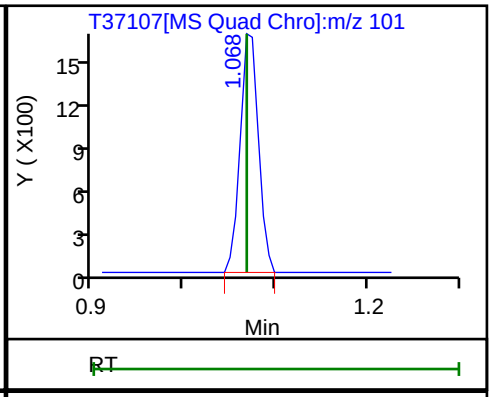
Eurofins TestAmerica, Edison

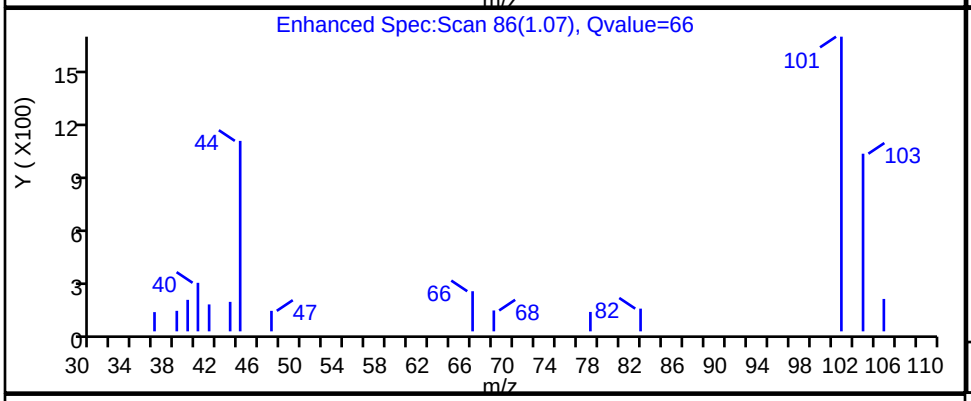
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

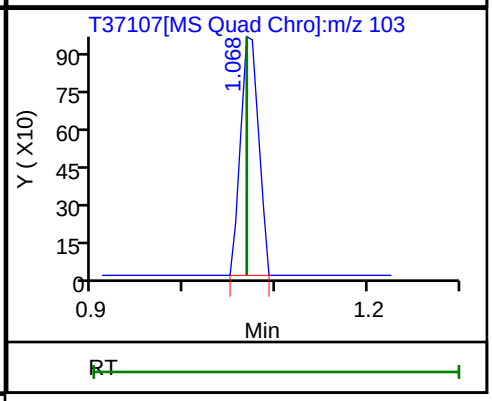
12 Trichlorofluoromethane, CAS: 75-69-4

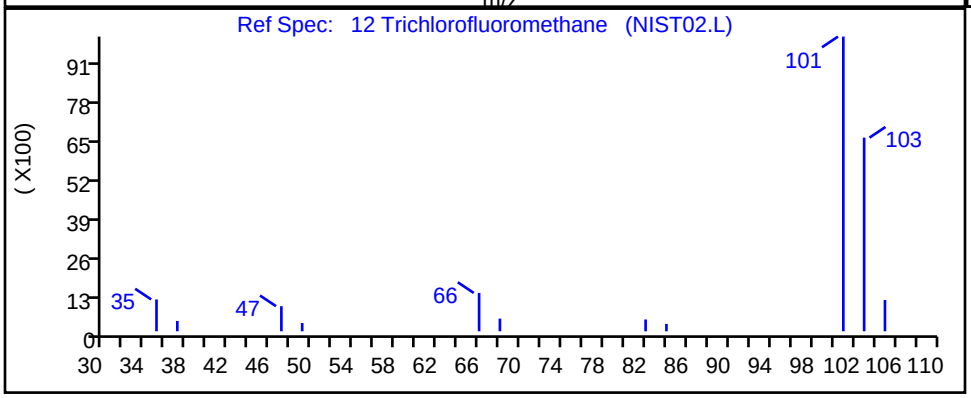
Processing Results











RT	Mass	Response	Amount
1.07	101.00	2243	0.250000
1.07	103.00	1332	

Reviewer: boykink, 03-Aug-2020 01:29:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

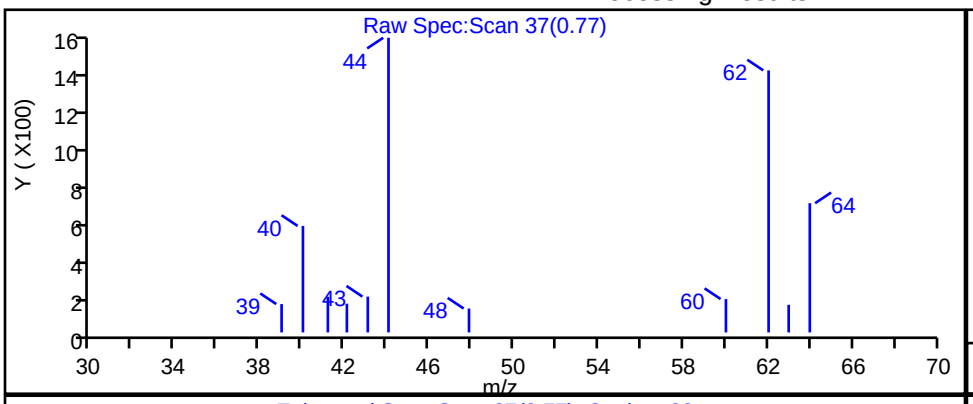
User Disabled Compound Report

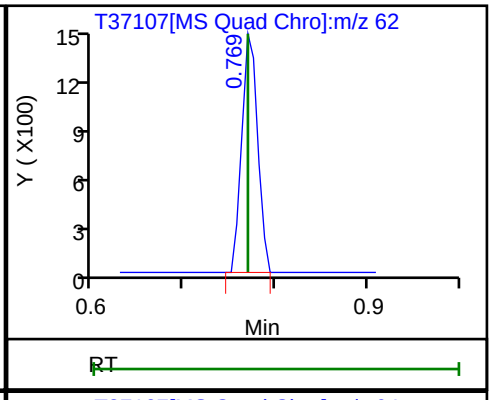
Eurofins TestAmerica, Edison

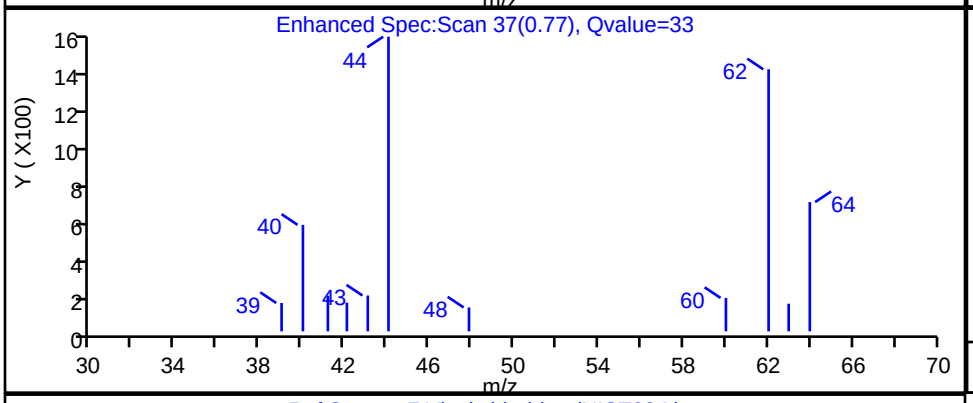
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37107.D
Injection Date: 03-Aug-2020 00:33:45 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

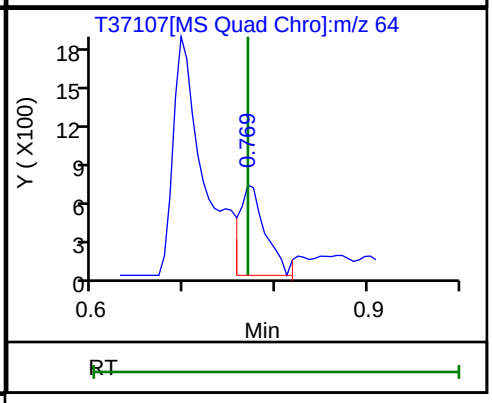
7 Vinyl chloride, CAS: 75-01-4

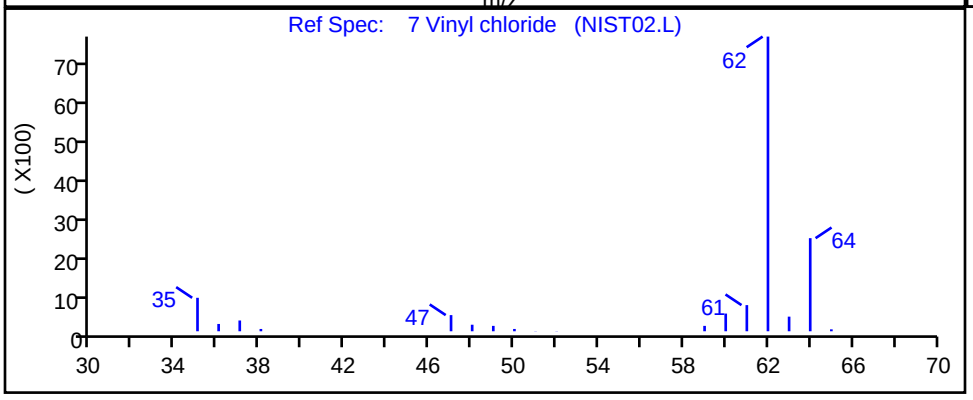
Processing Results











RT	Mass	Response	Amount
0.77	62.00	1700	0.250000
0.77	64.00	1404	

Reviewer: boykink, 03-Aug-2020 01:29:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Aug-2020 00:57:46 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0114382-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:29:12 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: boykink Date: 03-Aug-2020 01:32:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	0.635	0.635	0.000	57	716	0.5000	0.4649	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	1	336	0.5000	0.5112	a
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	67	2029	0.5000	0.4582	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	48	293	0.5000	0.5088	
6 Chloromethane	50	0.726	0.726	0.000	67	1827	0.5000	0.5483	
7 Vinyl chloride	62	0.769	0.769	0.000	35	1891	0.5000	0.4687	
8 Butadiene	54	0.787	0.787	0.000	91	1833	0.5000	0.4988	
9 Bromomethane	94	0.909	0.909	0.000	5	649	0.5000	0.4706	
10 Chloroethane	64	0.958	0.952	0.006	54	1428	0.5000	0.5310	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	48	3238	0.5000	0.5430	
12 Trichlorofluoromethane	101	1.074	1.068	0.006	60	2306	0.5000	0.4453	
13 Pentane	72	1.104	1.104	0.000	83	363	1.00	0.6949	
14 Ethanol	45	1.165	1.171	-0.006	12	638	20.0	47.7	a
15 Ethyl ether	59	1.208	1.208	0.000	42	1111	0.5000	0.4708	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	59	1336	0.5000	0.4780	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.208	1.214	-0.006	41	1402	0.5000	0.5142	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	37	2134	0.5000	0.4528	
19 Acrolein	56	1.269	1.269	0.000	37	784	2.00	2.05	
20 1,1-Dichloroethene	96	1.318	1.311	0.007	70	1235	0.5000	0.4407	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	29	1455	0.5000	0.4681	
22 Acetone	43	1.348	1.348	0.000	65	3078	2.50	3.48	
23 Iodomethane	142	1.391	1.391	0.000	1	181	0.5000	0.1786	a
24 Carbon disulfide	76	1.421	1.421	0.000	97	5573	0.5000	0.5634	
25 Isopropyl alcohol	45	1.427	1.427	0.000	1	1037	5.00	6.43	
26 Acetonitrile	40	1.494	1.494	0.000	81	996	5.00	4.92	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	68	1003	0.5000	0.5500	
28 Methyl acetate	43	1.519	1.519	0.000	93	2095	1.00	1.07	
29 Cyclopentene	67	1.543	1.543	0.000	78	3867	0.5000	0.5078	
30 Methylene Chloride	84	1.567	1.567	0.000	78	1500	0.5000	0.4753	
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	94	42748	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	6	1685	5.00	6.12	a
33 Acrylonitrile	53	1.708	1.708	0.000	89	5484	5.00	4.91	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	61	1705	0.5000	0.5207	
35 Methyl tert-butyl ether	73	1.732	1.726	0.006	84	4100	0.5000	0.5019	
36 Hexane	57	1.891	1.891	0.000	81	1711	0.5000	0.4475	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	56	2800	0.5000	0.4886	
38 Vinyl acetate	86	2.019	2.019	0.000	98	382	1.00	1.03	
40 Isopropyl ether	45	2.031	2.031	0.000	67	4890	0.5000	0.5084	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	38	1550	0.5000	0.5007	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	72	4890	0.5000	0.5575	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	46	341486	250.0	250.0	
44 2,2-Dichloropropane	97	2.360	2.354	0.006	42	624	0.5000	0.5814	a
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	22	1593	0.5000	0.4591	
45 2-Butanone (MEK)	43	2.384	2.378	0.006	55	5054	2.50	3.49	
46 Propionitrile	54	2.427	2.421	0.006	57	1883	5.00	5.01	a
47 Ethyl acetate	70	2.439	2.439	0.000	71	283	1.00	0.9436	
48 Methyl acrylate	55	2.458	2.458	0.000	38	1988	0.5000	0.6503	
50 Methacrylonitrile	67	2.531	2.531	0.000	89	5857	5.00	4.78	
49 Chlorobromomethane	128	2.531	2.531	0.000	34	682	0.5000	0.4512	
51 Tetrahydrofuran	72	2.580	2.573	0.007	55	308	1.00	0.7969	
52 Chloroform	83	2.598	2.598	0.000	71	2513	0.5000	0.4573	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	94	150348	50.0	48.6	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	1	2458	0.5000	0.5185	
55 Cyclohexane	84	2.768	2.768	0.000	71	2190	0.5000	0.4963	
57 1,1-Dichloropropene	75	2.866	2.860	0.006	57	2613	0.5000	0.5518	
56 Carbon tetrachloride	117	2.860	2.860	0.000	60	1930	0.5000	0.4818	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	91	172113	50.0	51.1	
59 Isobutyl alcohol	43	3.025	3.018	0.007	10	1376	12.5	14.3	
60 Benzene	78	3.025	3.025	0.000	85	6170	0.5000	0.5015	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	30	2239	0.5000	0.5526	
62 Isooctane	57	3.116	3.116	0.000	75	3193	0.5000	0.4757	
63 Isopropyl acetate	61	3.146	3.146	0.000	88	467	0.5000	0.4371	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	63	4213	0.5000	0.5113	
* 65 Fluorobenzene	96	3.274	3.274	0.000	98	560287	50.0	50.0	
66 n-Heptane	43	3.293	3.299	-0.006	27	1705	0.5000	0.5903	a
67 Trichloroethene	95	3.616	3.610	0.006	66	1427	0.5000	0.4359	
68 n-Butanol	56	3.640	3.634	0.006	24	694	12.5	11.1	
69 Ethyl acrylate	55	3.781	3.774	0.006	34	2976	0.5000	0.4364	
70 Methylcyclohexane	83	3.787	3.787	0.000	52	2030	0.5000	0.4592	
71 1,2-Dichloropropane	63	3.823	3.823	0.000	42	1490	0.5000	0.4584	
72 Dibromomethane	93	3.933	3.933	0.000	11	1057	0.5000	0.5294	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	1	30148	1000.0	1000.0	
74 1,4-Dioxane	88	3.988	3.994	-0.006	1	591	25.0	21.0	
75 Methyl methacrylate	100	4.006	4.000	0.006	51	729	1.00	1.00	
76 n-Propyl acetate	43	4.085	4.085	0.000	79	1753	0.5000	0.4637	
77 Dichlorobromomethane	83	4.116	4.116	0.000	38	1774	0.5000	0.4417	
78 2-Nitropropane	41	4.378	4.372	0.006	66	463	1.00	0.8891	
79 2-Chloroethyl vinyl ether	63	4.494	4.488	0.006	1	208	0.5012	0.5279	a
80 Epichlorohydrin	57	4.530	4.524	0.006	53	2366	10.0	8.39	
81 cis-1,3-Dichloropropene	75	4.616	4.610	0.006	41	2557	0.5000	0.5190	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	84	6206	2.50	2.34	
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	516151	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.982	4.982	0.000	84	6303	0.5000	0.5007	
85 trans-1,3-Dichloropropene	75	5.292	5.292	0.000	52	2378	0.5000	0.5526	
86 Ethyl methacrylate	69	5.481	5.481	0.000	35	1702	0.5000	0.4965	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	40	1071	0.5000	0.4844	a
88 Tetrachloroethene	166	5.640	5.640	0.000	51	1303	0.5000	0.4790	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	58	2302	0.5000	0.5109	
90 2-Hexanone	43	5.890	5.890	0.000	78	4280	2.50	2.36	
91 Chlorodibromomethane	129	5.981	5.975	0.006	12	1087	0.5000	0.4079	
92 Ethylene Dibromide	107	6.085	6.085	0.000	39	1324	0.5000	0.4904	
93 n-Butyl acetate	43	6.122	6.122	0.000	57	1930	0.5000	0.5091	
* 94 Chlorobenzene-d5	117	6.749	6.749	0.000	87	375620	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	39	3651	0.5000	0.4981	
96 1,1,1,2-Tetrachloroethane	131	6.938	6.938	0.000	43	1063	0.5000	0.4313	
97 Ethylbenzene	106	6.993	6.993	0.000	54	2003	0.5000	0.5058	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	2480	0.5000	0.5189	
99 o-Xylene	106	7.743	7.743	0.000	67	2538	0.5000	0.5510	
100 Styrene	104	7.780	7.774	0.006	74	3713	0.5000	0.4970	
101 n-Butyl acrylate	73	7.871	7.871	0.000	65	909	0.5000	0.4915	
102 Bromoform	173	7.987	7.987	0.000	1	704	0.5000	0.4680	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	60	1963	0.5000	0.4966	
104 Isopropylbenzene	105	8.347	8.347	0.000	52	6122	0.5000	0.5338	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	82	128606	50.0	49.2	
106 Bromobenzene	156	8.706	8.706	0.000	57	1207	0.5000	0.4783	
108 1,2,3-Trichloropropane	110	8.871	8.865	0.006	13	248	0.5000	0.3171	M
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	16	1516	0.5000	0.4789	
109 trans-1,4-Dichloro-2-butene	53	8.962	8.956	0.006	1	398	0.5000	0.4993	
110 N-Propylbenzene	91	8.999	8.999	0.000	68	7670	0.5000	0.5404	
111 2-Chlorotoluene	91	9.054	9.054	0.000	30	4275	0.5000	0.5437	
112 4-Ethyltoluene	105	9.200	9.194	0.006	61	5667	0.5000	0.5427	
113 4-Chlorotoluene	91	9.243	9.243	0.000	54	4502	0.5000	0.5247	
114 1,3,5-Trimethylbenzene	105	9.310	9.310	0.000	49	4106	0.5000	0.5028	
115 Butyl Methacrylate	87	9.627	9.627	0.000	43	1299	0.5000	0.4447	
116 tert-Butylbenzene	119	9.816	9.816	0.000	54	3677	0.5000	0.5421	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	31	4314	0.5000	0.5227	
118 sec-Butylbenzene	105	10.176	10.182	-0.006	58	5580	0.5000	0.5521	
119 1,3-Dichlorobenzene	146	10.261	10.255	0.006	42	2245	0.5000	0.5156	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	97	156408	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	26	2309	0.5000	0.5184	a
122 4-Isopropyltoluene	119	10.462	10.462	0.000	29	3883	0.5000	0.5050	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	54	4070	0.5000	0.5073	
124 Benzyl chloride	91	10.688	10.688	0.000	14	2115	0.5000	0.4807	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	54	4099	0.5000	0.5256	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	34	1867	0.5000	0.4721	a
127 p-Diethylbenzene	119	11.115	11.108	0.007	32	2075	0.5000	0.5427	
128 n-Butylbenzene	92	11.145	11.139	0.006	58	1926	0.5000	0.4780	
129 1,2-Dibromo-3-Chloropropane	157	12.102	12.096	0.006	1	217	0.5000	0.4695	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	28	2639	0.5000	0.4516	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	27	1035	0.5000	0.4940	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	12	791	0.5000	0.4413	
134 Naphthalene	128	13.151	13.151	0.000	44	2266	0.5000	0.4371	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	1	599	0.5000	0.8685	
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	5	794	0.5000	0.5341	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	0.9798	
S 137 Xylenes, Total	100				0		1.00	1.07	
S 140 Total BTEX	1				0		2.50	2.58	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.07	
S 138 Total 1,2-dichloroethene	1				0			0.9798	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00122	Amount Added:	5.00	Units: uL	
ACROLEIN W_00109	Amount Added:	2.00	Units: uL	
GASES Li_00379	Amount Added:	5.00	Units: uL	
524freon_00025	Amount Added:	5.00	Units: uL	
14DIOXINTER_00117	Amount Added:	15.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:29:13 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D

Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15

Lims ID: STD05

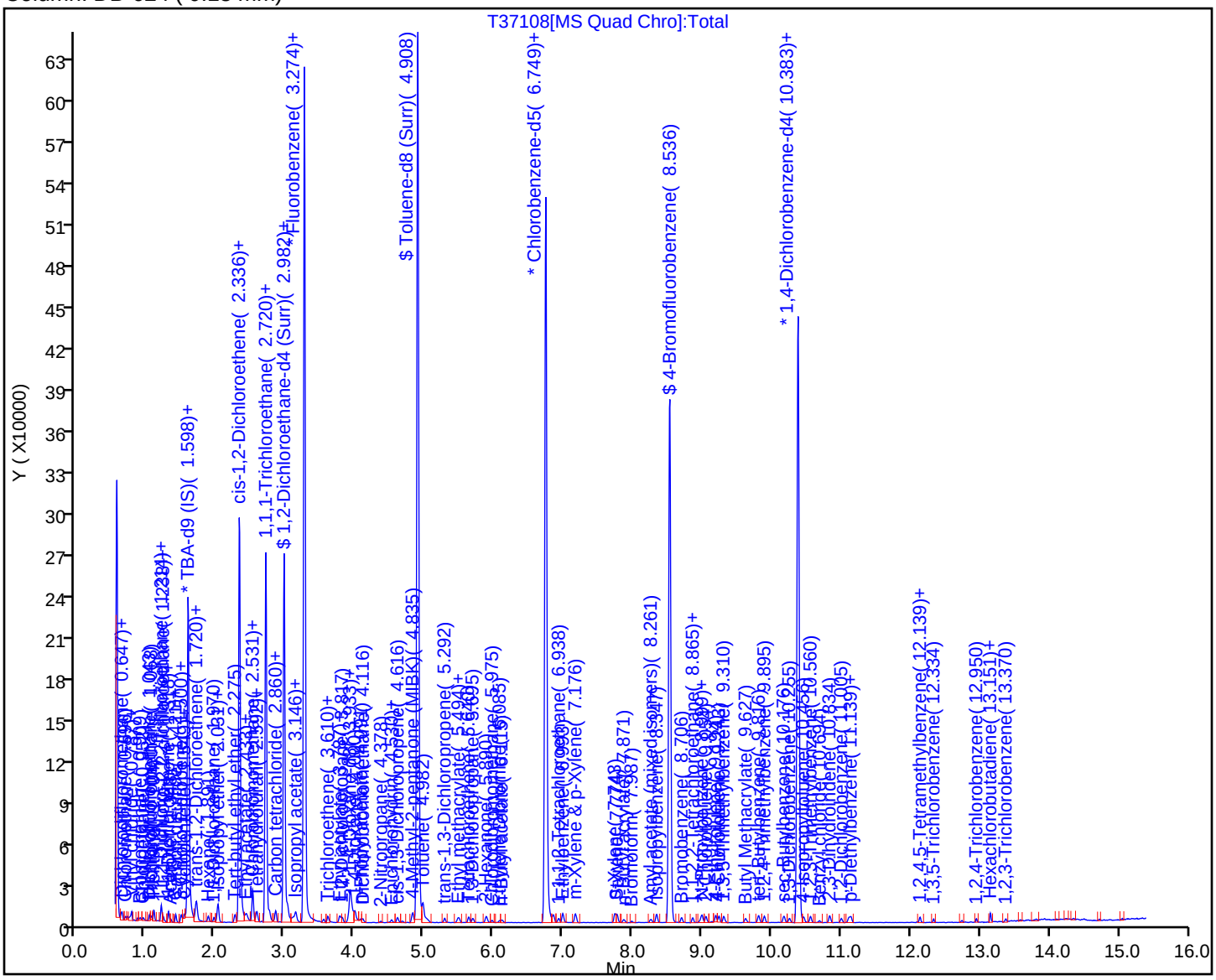
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

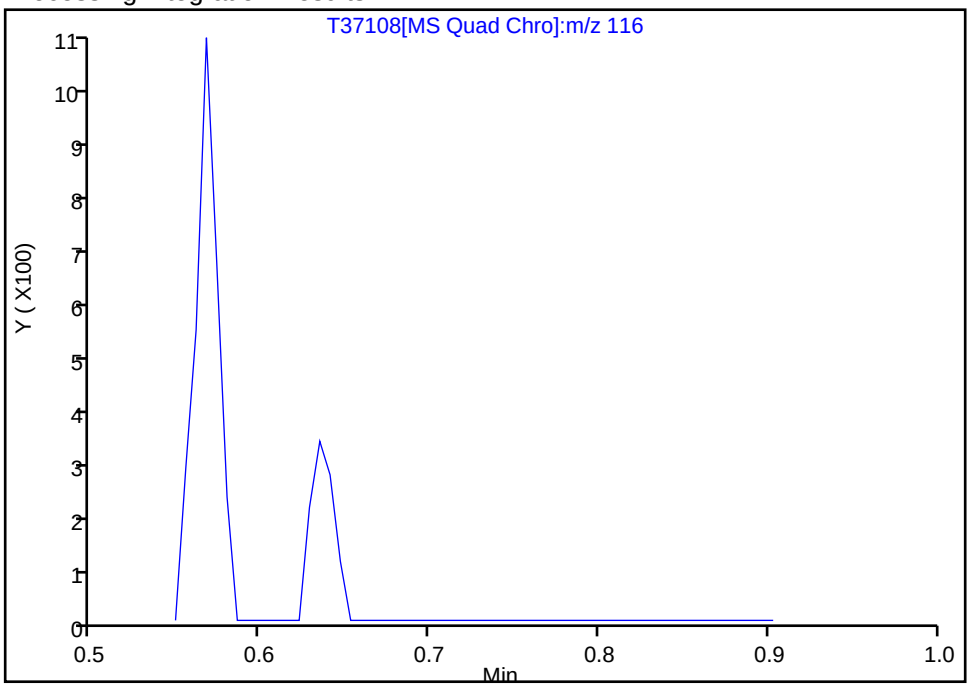
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

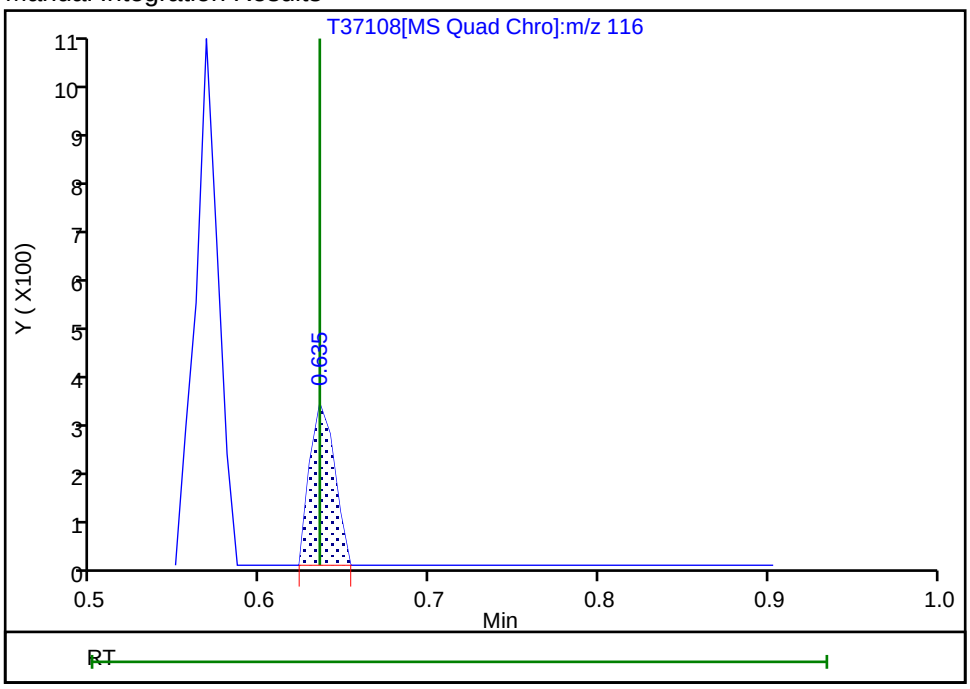
Not Detected
Expected RT: 0.63

Processing Integration Results



Manual Integration Results

RT: 0.63
Area: 336
Amount: 0.511189
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:25:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

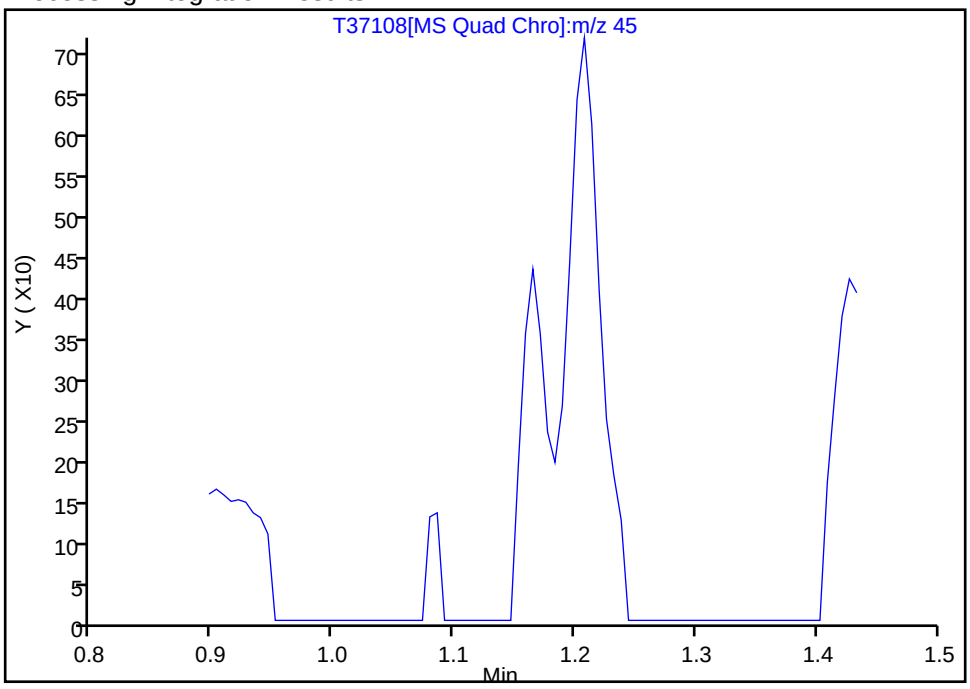
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

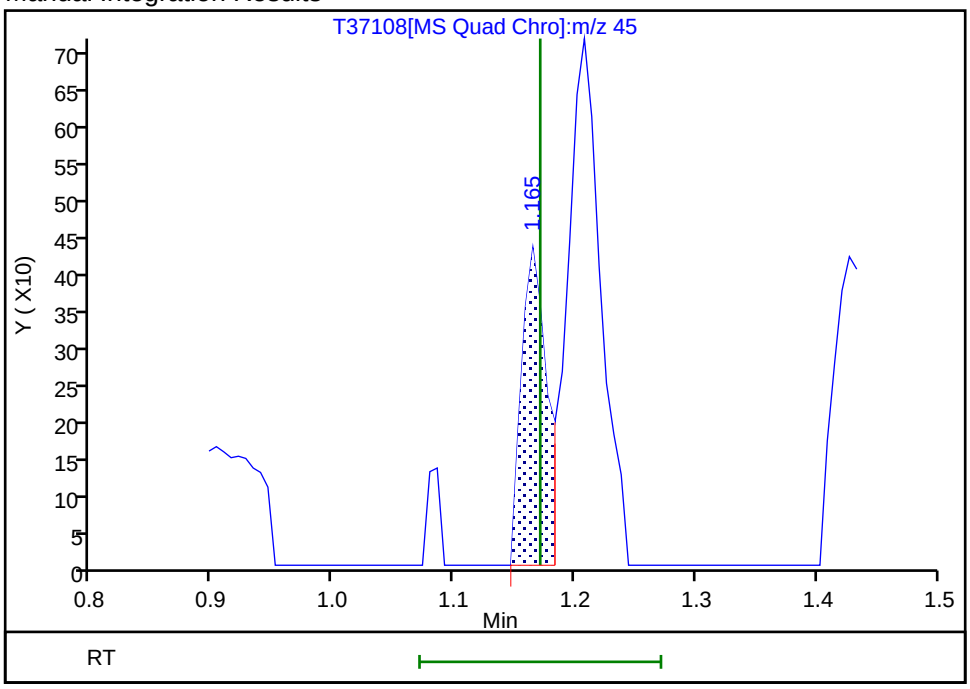
Not Detected
Expected RT: 1.17

Processing Integration Results



Manual Integration Results

RT: 1.17
Area: 638
Amount: 47.734943
Amount Units: ug/l



Reviewer: baronm, 03-Aug-2020 19:37:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

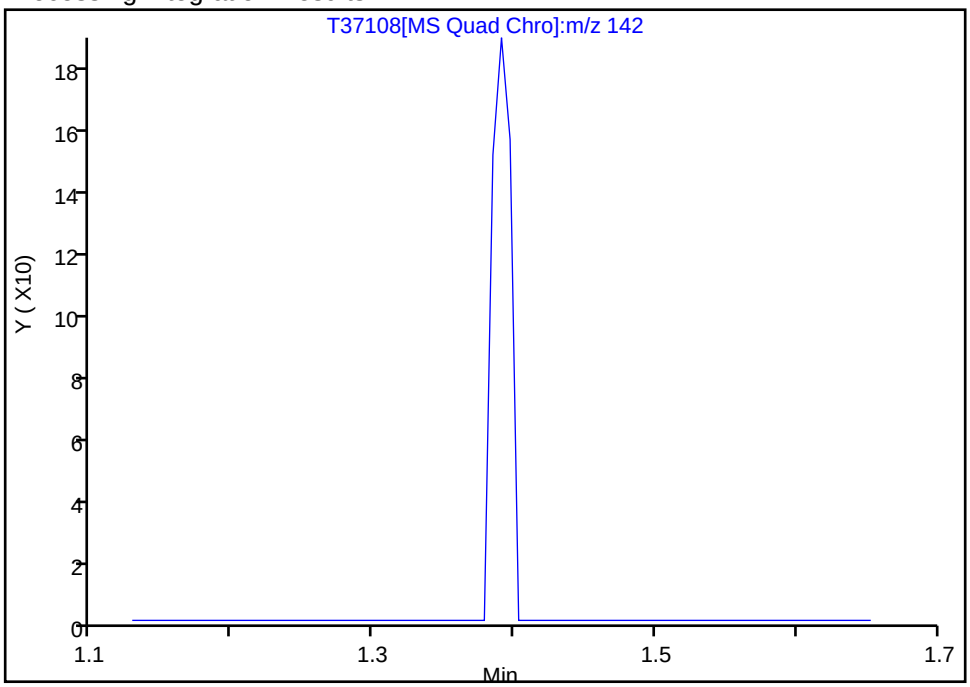
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

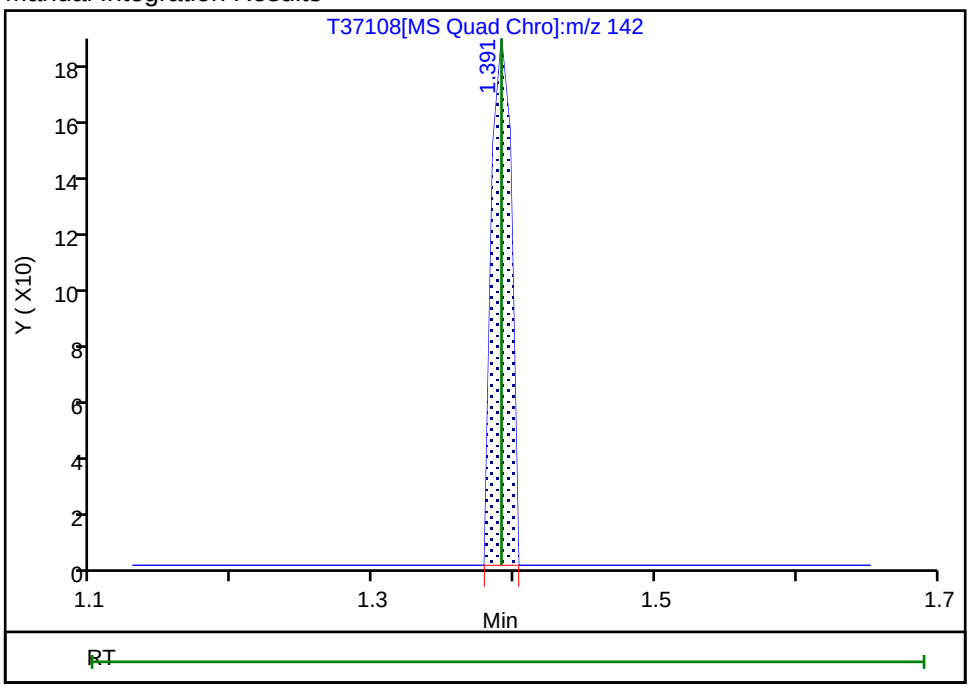
Not Detected
Expected RT: 1.39

Processing Integration Results



Manual Integration Results

RT: 1.39
Area: 181
Amount: 0.178619
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:30:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

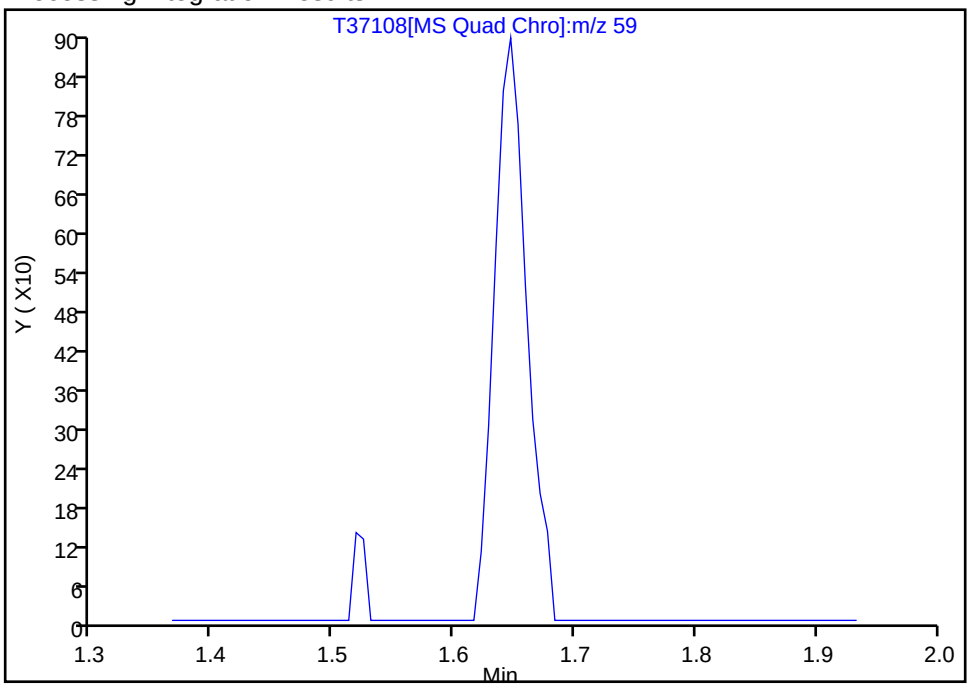
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

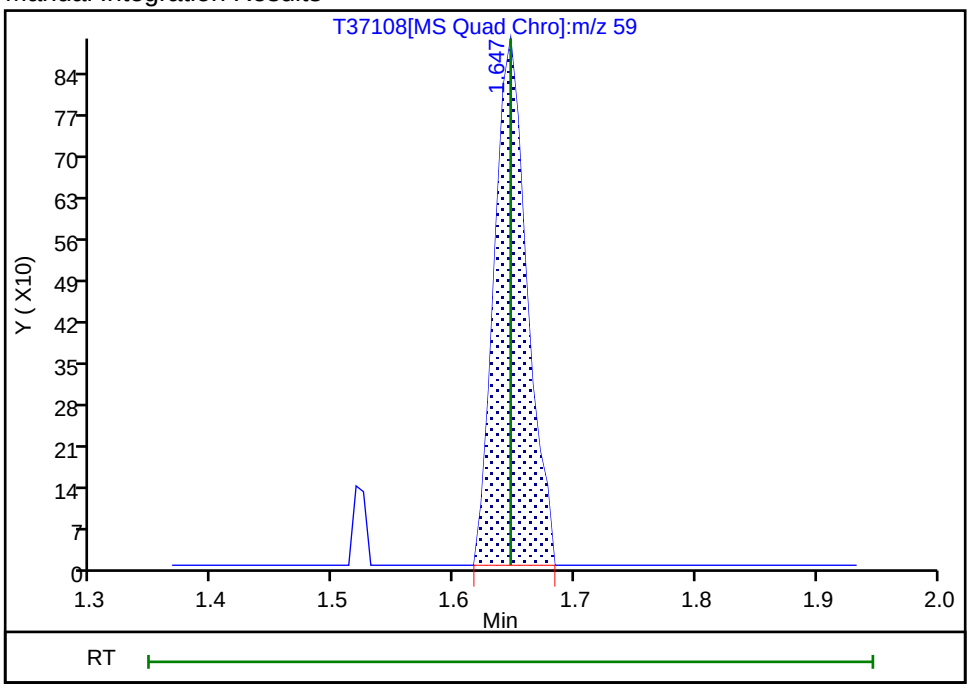
Not Detected
Expected RT: 1.65

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 1685
Amount: 6.115751
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:30:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

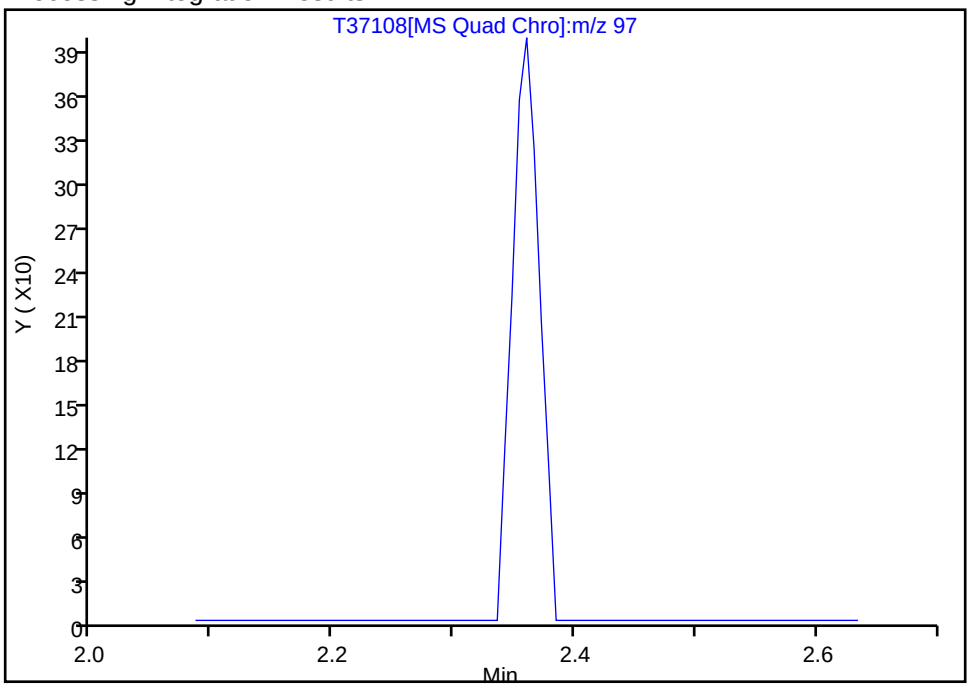
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

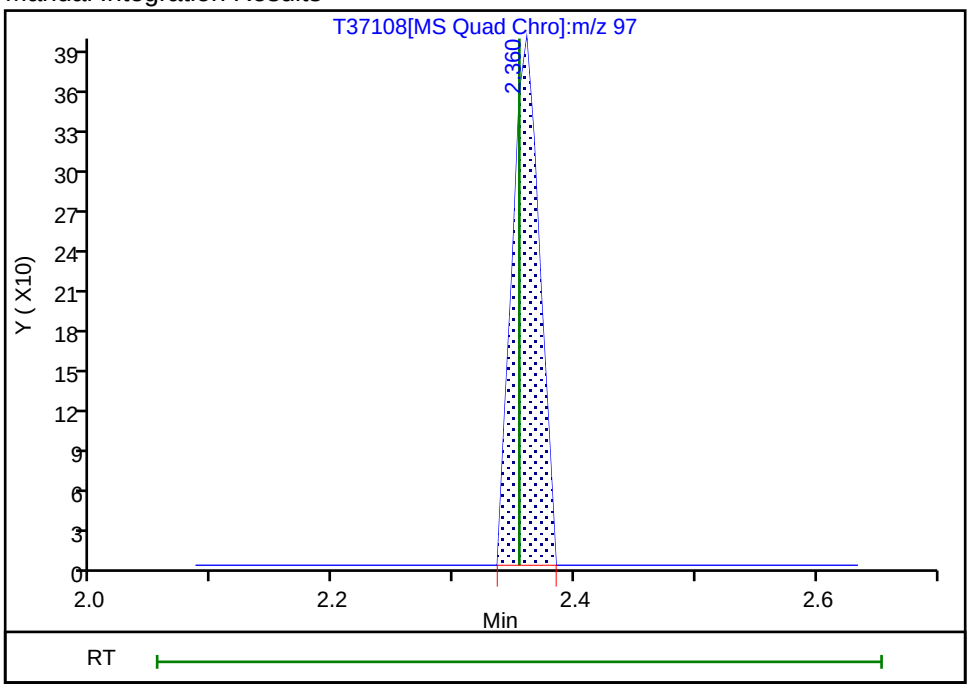
Not Detected
Expected RT: 2.35

Processing Integration Results



Manual Integration Results

RT: 2.36
Area: 624
Amount: 0.581355
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:30:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

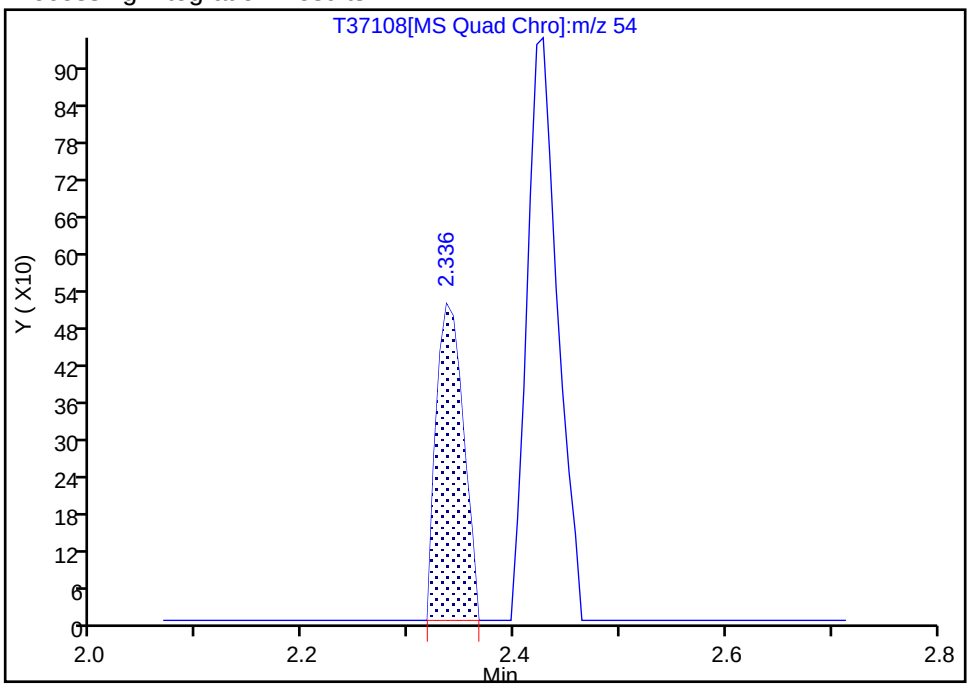
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

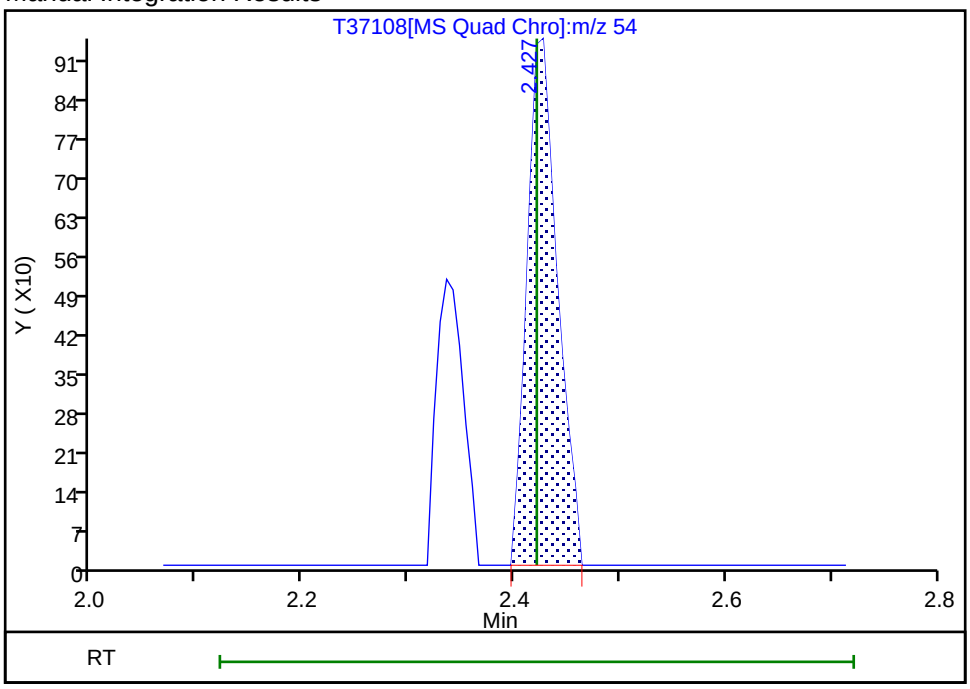
Processing Integration Results

RT: 2.34
Area: 911
Amount: 2.510963
Amount Units: ug/l



Manual Integration Results

RT: 2.43
Area: 1883
Amount: 5.009986
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:25:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

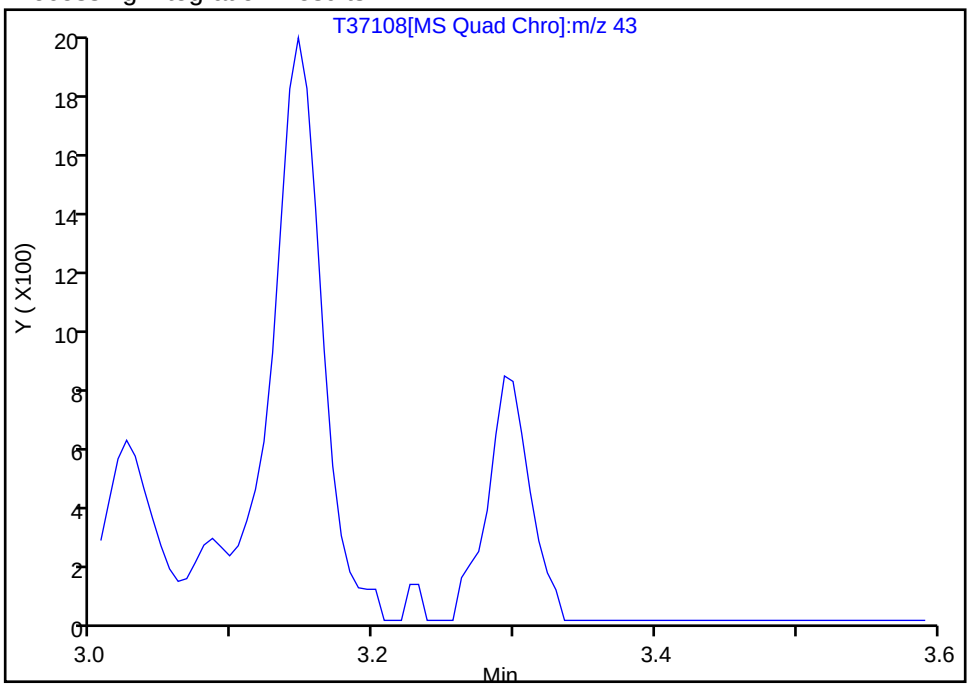
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

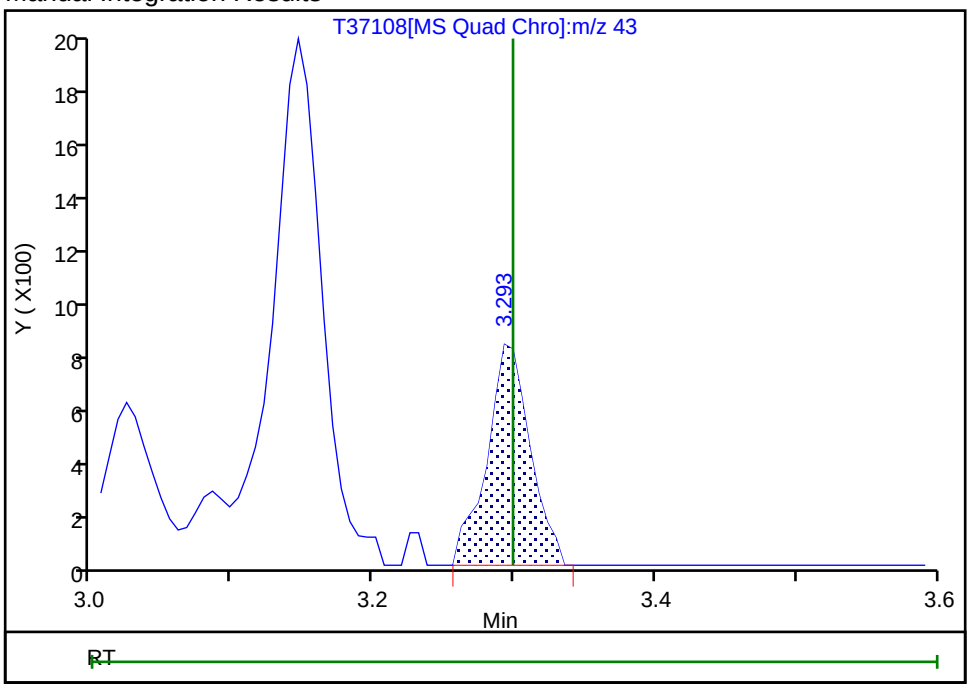
Not Detected
Expected RT: 3.30

Processing Integration Results



Manual Integration Results

RT: 3.29
Area: 1705
Amount: 0.590316
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:31:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

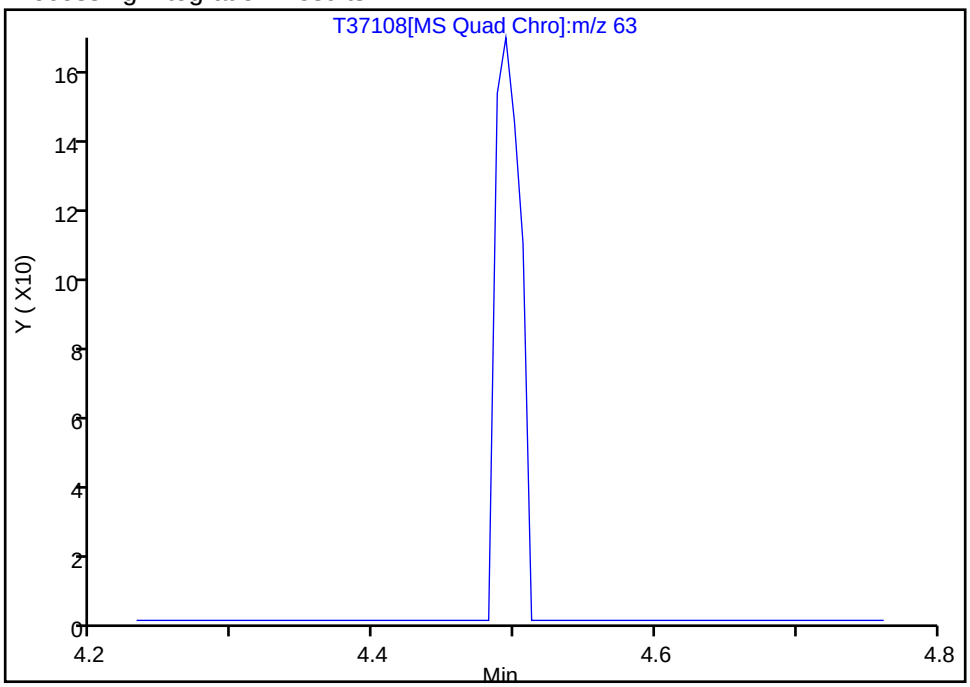
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

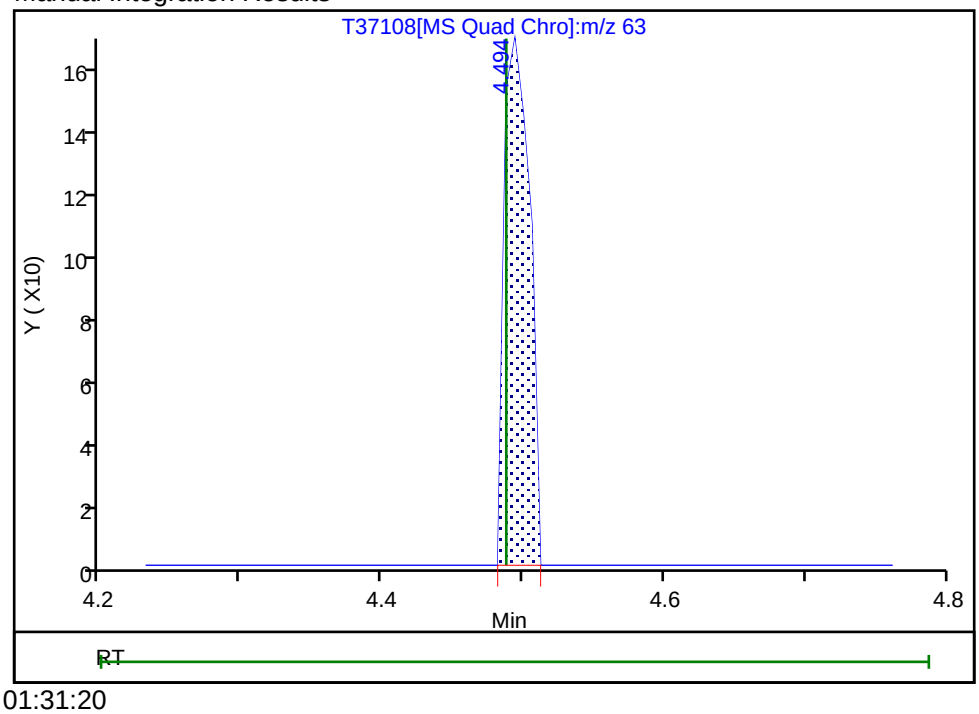
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.49
Area: 208
Amount: 0.527887
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:31:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

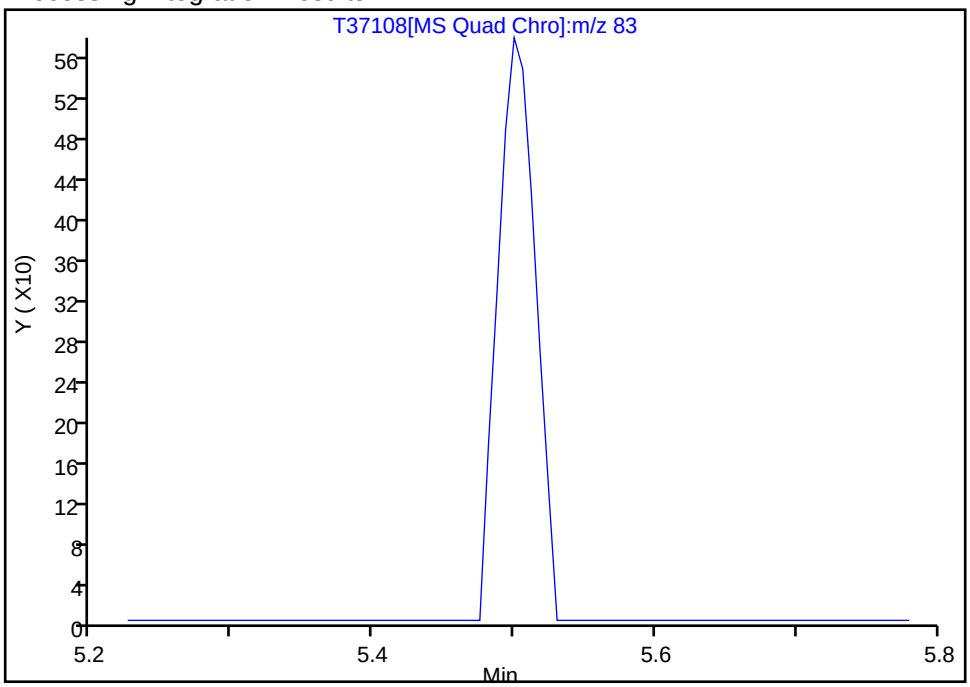
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

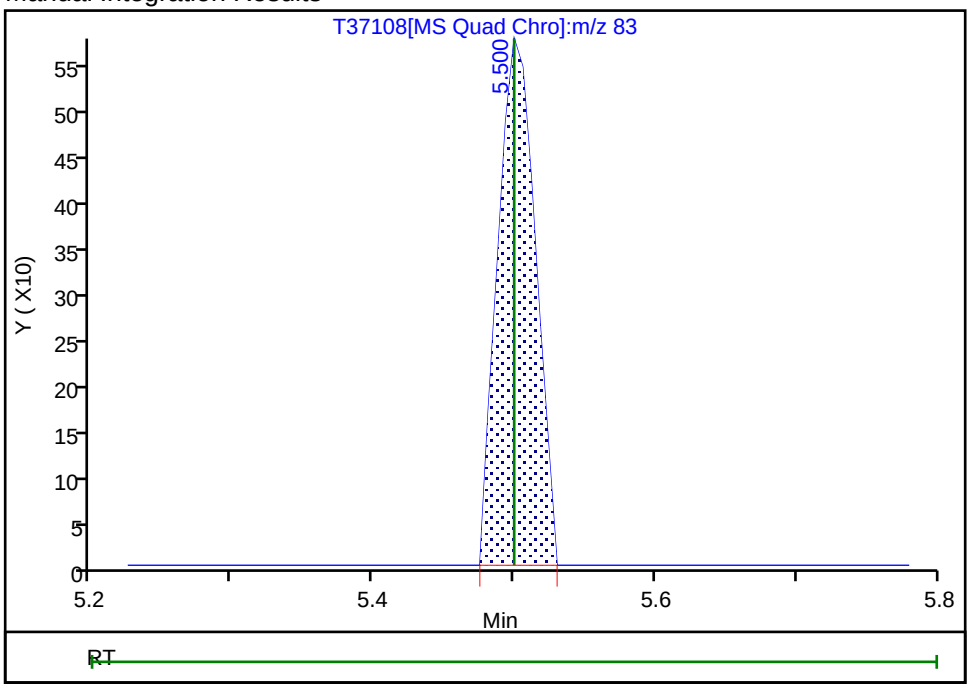
Not Detected
Expected RT: 5.50

Processing Integration Results



Manual Integration Results

RT: 5.50
Area: 1071
Amount: 0.484401
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:31:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

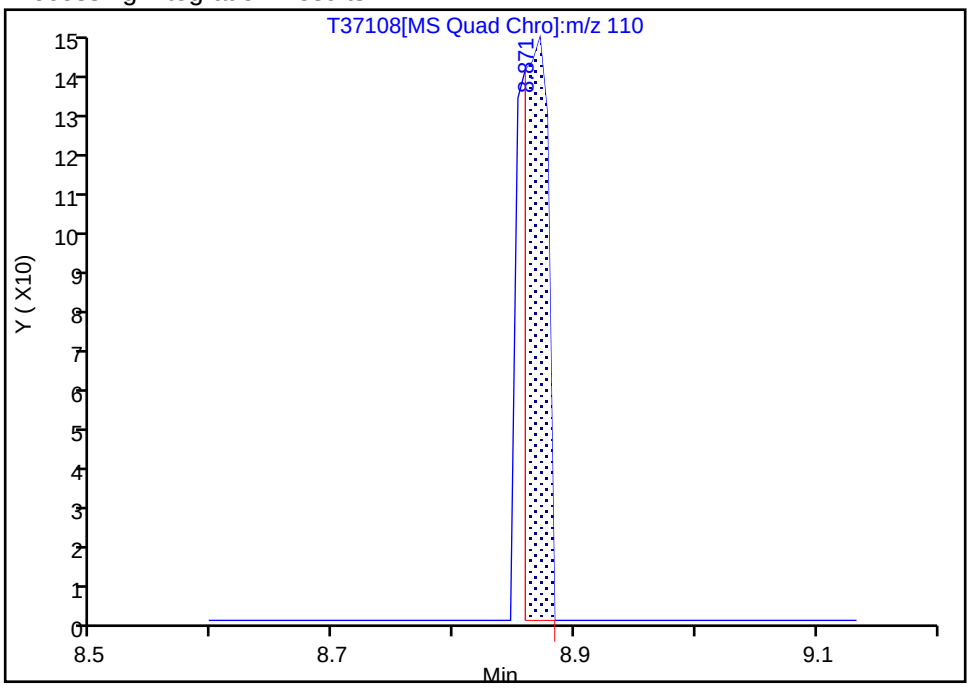
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

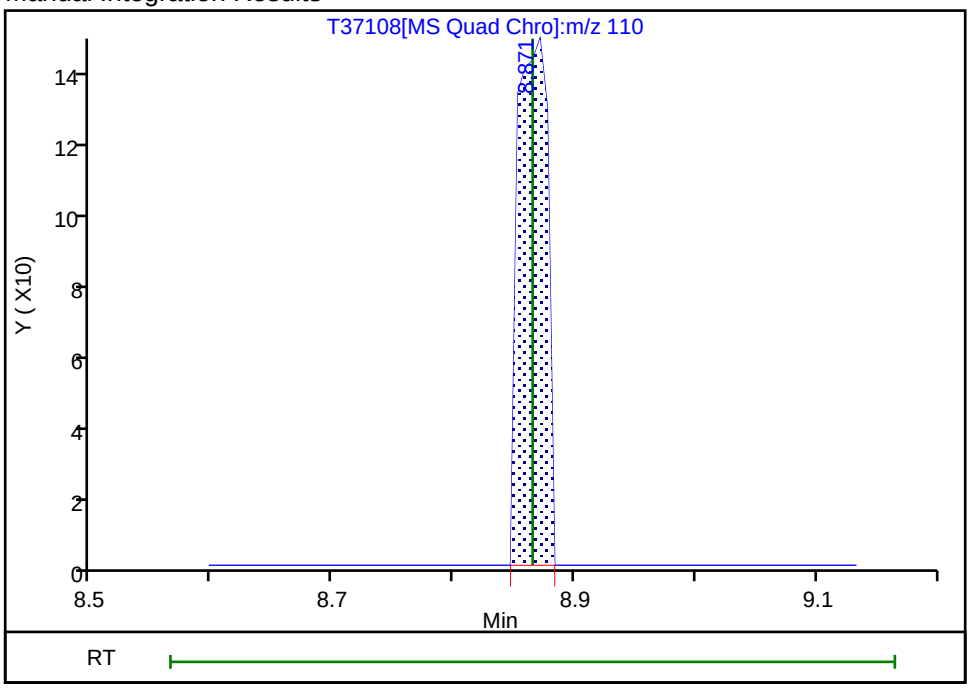
Processing Integration Results

RT: 8.87
Area: 200
Amount: 0.222688
Amount Units: ug/l



Manual Integration Results

RT: 8.87
Area: 248
Amount: 0.317107
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:26:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

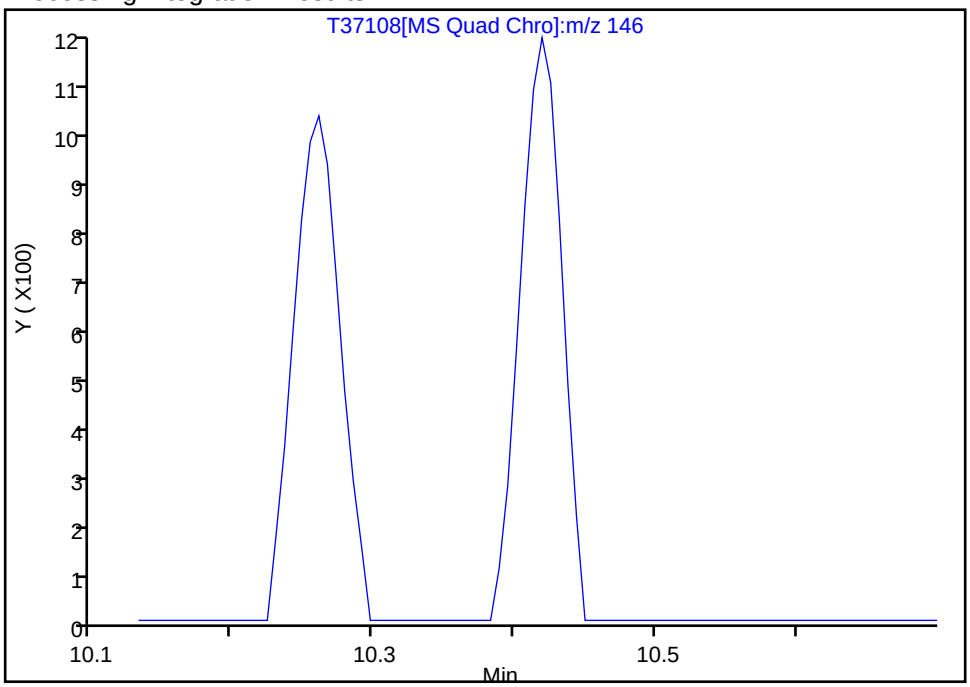
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

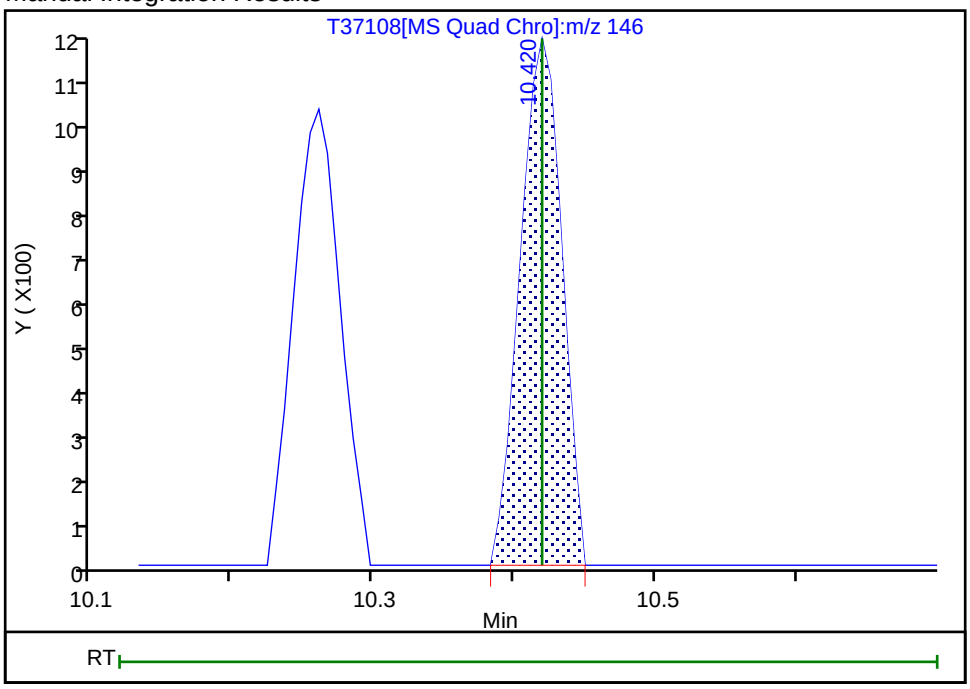
Not Detected
Expected RT: 10.42

Processing Integration Results



Manual Integration Results

RT: 10.42
Area: 2309
Amount: 0.518378
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:31:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

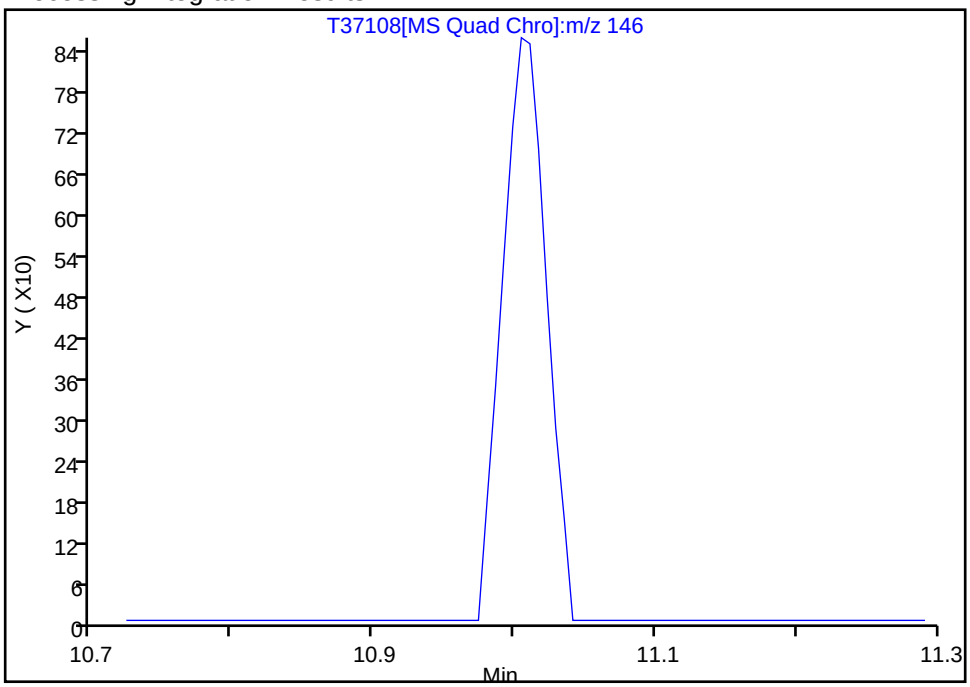
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37108.D
Injection Date: 03-Aug-2020 00:57:46 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

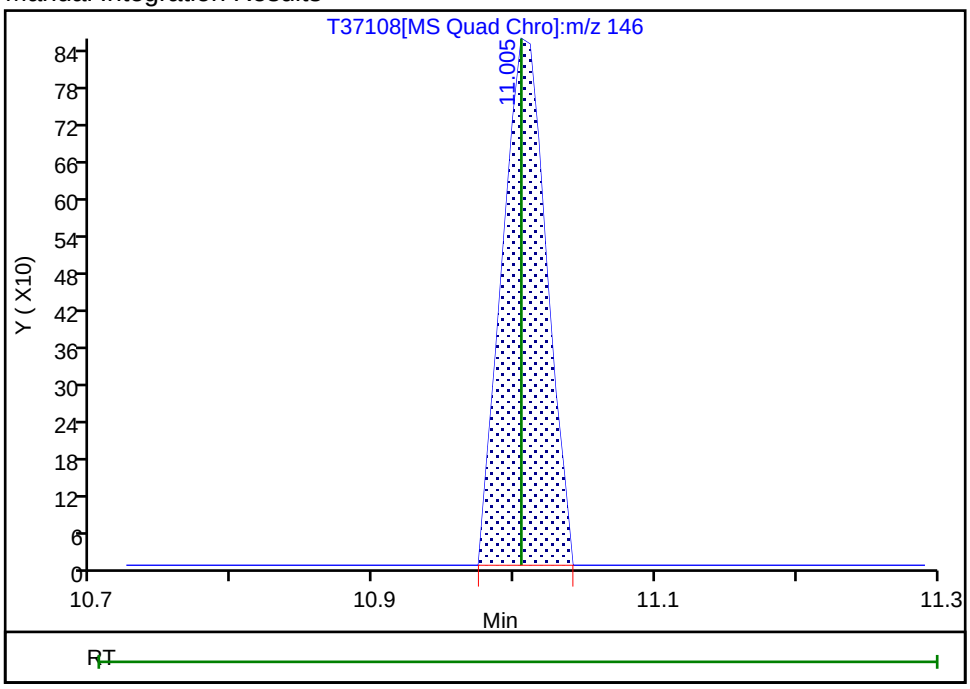
Not Detected
Expected RT: 11.00

Processing Integration Results



Manual Integration Results

RT: 11.00
Area: 1867
Amount: 0.472130
Amount Units: ug/l



Reviewer: boykink, 03-Aug-2020 01:31:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37110.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2020 01:45:49 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0114382-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:29:26 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 07:25:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	21	1757	5.00	4.80	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	95	7505	5.00	5.00	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	52	3786	5.00	4.83	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	98	20507	5.00	4.75	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	93	2819	5.00	5.02	
6 Chloromethane	50	0.726	0.726	0.000	87	15236	5.00	4.69	
7 Vinyl chloride	62	0.769	0.769	0.000	83	21528	5.00	5.47	
8 Butadiene	54	0.787	0.787	0.000	94	18374	5.00	5.12	
9 Bromomethane	94	0.909	0.909	0.000	96	5311	5.00	4.37	
10 Chloroethane	64	0.952	0.952	0.000	95	12806	5.00	5.40	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	90	30840	5.00	5.30	
12 Trichlorofluoromethane	101	1.067	1.068	-0.001	98	26315	5.00	5.21	
13 Pentane	72	1.104	1.104	0.000	96	5057	10.0	9.93	
14 Ethanol	45	1.165	1.171	-0.006	89	3883	200.0	314.8	
15 Ethyl ether	59	1.208	1.208	0.000	54	11628	5.00	5.05	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	77	12969	5.00	4.88	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	80	13946	5.00	5.12	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	88	24058	5.00	5.23	
19 Acrolein	56	1.269	1.269	0.000	91	7205	20.0	20.4	
20 1,1-Dichloroethene	96	1.317	1.311	0.006	98	14372	5.00	5.26	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.317	1.318	-0.001	64	14087	5.00	4.65	
22 Acetone	43	1.348	1.348	0.000	88	20035	25.0	25.7	
23 Iodomethane	142	1.391	1.391	0.000	33	567	5.00	0.5739	
24 Carbon disulfide	76	1.421	1.421	0.000	99	47724	5.00	4.95	
25 Isopropyl alcohol	45	1.427	1.427	0.000	31	8657	50.0	58.0	
26 Acetonitrile	40	1.494	1.494	0.000	83	9773	50.0	54.8	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	91	8269	5.00	4.65	
28 Methyl acetate	43	1.519	1.519	0.000	98	18547	10.0	9.75	
29 Cyclopentene	67	1.543	1.543	0.000	95	38053	5.00	5.12	
30 Methylene Chloride	84	1.567	1.567	0.000	88	15750	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	99	39596	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	96	12445	50.0	48.8	
33 Acrylonitrile	53	1.708	1.708	0.000	92	50311	50.0	46.2	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	88	15797	5.00	4.95	
35 Methyl tert-butyl ether	73	1.726	1.726	0.000	97	39061	5.00	4.90	
36 Hexane	57	1.891	1.891	0.000	92	18271	5.00	4.90	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	92	29173	5.00	5.22	
38 Vinyl acetate	86	2.019	2.019	0.000	99	5176	10.0	10.3	
40 Isopropyl ether	45	2.031	2.031	0.000	82	50741	5.00	5.41	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	71	15066	5.00	4.99	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	41048	5.00	4.80	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	78	301157	250.0	250.0	
44 2,2-Dichloropropane	97	2.360	2.354	0.006	61	4857	5.00	4.64	a
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	54	16717	5.00	4.94	
45 2-Butanone (MEK)	43	2.384	2.378	0.006	100	30111	25.0	23.6	
46 Propionitrile	54	2.421	2.421	0.000	97	18597	50.0	53.4	
47 Ethyl acetate	70	2.439	2.439	0.000	97	2586	10.0	9.78	
48 Methyl acrylate	55	2.457	2.458	-0.001	91	13084	5.00	4.39	
50 Methacrylonitrile	67	2.531	2.531	0.000	89	59009	50.0	49.3	
49 Chlorobromomethane	128	2.531	2.531	0.000	47	7564	5.00	5.13	
51 Tetrahydrofuran	72	2.573	2.573	0.000	78	3844	10.0	11.3	
52 Chloroform	83	2.598	2.598	0.000	91	27245	5.00	5.08	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	95	147854	50.0	49.0	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	39	22601	5.00	4.89	
55 Cyclohexane	84	2.768	2.768	0.000	90	20322	5.00	4.72	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	94	22895	5.00	4.96	
56 Carbon tetrachloride	117	2.860	2.860	0.000	72	18511	5.00	4.74	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	98	157210	50.0	47.9	
59 Isobutyl alcohol	43	3.018	3.018	0.000	38	11016	125.0	123.2	
60 Benzene	78	3.024	3.025	-0.001	97	62600	5.00	5.25	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	56	19821	5.00	5.02	
62 Isooctane	57	3.116	3.116	0.000	96	32081	5.00	4.90	a
63 Isopropyl acetate	61	3.146	3.146	0.000	92	4919	5.00	4.72	
64 Tert-amyl methyl ether	73	3.152	3.153	-0.001	78	38918	5.00	4.84	
* 65 Fluorobenzene	96	3.274	3.274	0.000	98	546309	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	47	12901	5.00	4.58	a
67 Trichloroethene	95	3.610	3.610	0.000	89	16636	5.00	5.21	
68 n-Butanol	56	3.634	3.634	0.000	63	7588	125.0	131.0	
69 Ethyl acrylate	55	3.774	3.774	0.000	96	33097	5.00	4.98	
70 Methylcyclohexane	83	3.787	3.787	-0.001	79	20735	5.00	4.81	
71 1,2-Dichloropropane	63	3.817	3.823	-0.006	87	17433	5.00	5.50	
72 Dibromomethane	93	3.933	3.933	0.000	58	9752	5.00	5.01	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	61	29305	1000.0	1000.0	
74 1,4-Dioxane	88	3.988	3.994	-0.006	34	2883	100.0	105.3	
75 Methyl methacrylate	100	4.000	4.000	0.000	84	6793	10.0	9.56	
76 n-Propyl acetate	43	4.085	4.085	0.000	93	18920	5.00	5.13	
77 Dichlorobromomethane	83	4.116	4.116	0.000	95	19647	5.00	5.02	
78 2-Nitropropane	41	4.372	4.372	0.000	97	5241	10.0	10.3	
79 2-Chloroethyl vinyl ether	63	4.488	4.488	0.000	82	5422	5.01	4.54	
80 Epichlorohydrin	57	4.524	4.524	0.000	98	24159	100.0	97.1	
81 cis-1,3-Dichloropropene	75	4.616	4.610	0.006	86	23750	5.00	4.97	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	96	61254	25.0	26.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	516080	50.0	51.7	
84 Toluene	91	4.981	4.982	-0.001	93	65269	5.00	5.35	
85 trans-1,3-Dichloropropene	75	5.292	5.292	0.000	91	18735	5.00	4.49	
86 Ethyl methacrylate	69	5.475	5.481	-0.006	82	16166	5.00	4.86	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	90	11415	5.00	5.32	
88 Tetrachloroethene	166	5.640	5.640	0.000	81	13330	5.00	5.05	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	88	23311	5.00	5.33	
90 2-Hexanone	43	5.890	5.890	0.000	96	40405	25.0	25.3	
91 Chlorodibromomethane	129	5.975	5.975	0.000	86	12983	5.00	5.02	
92 Ethylene Dibromide	107	6.085	6.085	0.000	76	13038	5.00	4.98	
93 n-Butyl acetate	43	6.121	6.122	-0.001	96	18867	5.00	5.13	
* 94 Chlorobenzene-d5	117	6.749	6.749	0.000	88	364299	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	86	36546	5.00	5.14	
96 1,1,1,2-Tetrachloroethane	131	6.938	6.938	0.000	84	12396	5.00	5.19	
97 Ethylbenzene	106	6.993	6.993	0.000	98	20213	5.00	5.26	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	23576	5.00	5.09	
99 o-Xylene	106	7.743	7.743	0.000	91	23053	5.00	5.16	
100 Styrene	104	7.780	7.774	0.006	92	37305	5.00	5.15	
101 n-Butyl acrylate	73	7.871	7.871	0.000	93	8444	5.00	4.71	
102 Bromoform	173	7.987	7.987	0.000	81	6868	5.00	4.71	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	88	19639	5.00	4.99	
104 Isopropylbenzene	105	8.347	8.347	0.000	94	59294	5.00	5.33	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	81	126935	50.0	50.1	
106 Bromobenzene	156	8.706	8.706	0.000	91	12715	5.00	5.06	
108 1,2,3-Trichloropropane	110	8.865	8.865	0.000	76	4106	5.00	5.27	
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	85	15793	5.00	5.01	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	65	4012	5.00	5.06	
110 N-Propylbenzene	91	8.999	8.999	0.000	98	74115	5.00	5.24	
111 2-Chlorotoluene	91	9.054	9.054	0.000	93	42741	5.00	5.46	
112 4-Ethyltoluene	105	9.194	9.194	0.000	97	54239	5.00	5.22	
113 4-Chlorotoluene	91	9.243	9.243	0.000	98	43435	5.00	5.08	
114 1,3,5-Trimethylbenzene	105	9.316	9.310	0.006	92	42055	5.00	5.17	
115 Butyl Methacrylate	87	9.627	9.627	0.000	88	13696	5.00	4.71	
116 tert-Butylbenzene	119	9.816	9.816	0.000	86	34905	5.00	5.17	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	95	41717	5.00	5.08	
118 sec-Butylbenzene	105	10.182	10.182	0.000	96	50912	5.00	5.06	
119 1,3-Dichlorobenzene	146	10.261	10.255	0.006	90	21423	5.00	4.94	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	98	155723	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.419	10.420	-0.001	75	21760	5.00	4.91	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	80	38752	5.00	5.06	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	97	42026	5.00	5.26	
124 Benzyl chloride	91	10.688	10.688	0.000	91	19993	5.00	4.56	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	89	39075	5.00	5.03	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	90	19029	5.00	4.83	
127 p-Diethylbenzene	119	11.108	11.108	0.000	88	19040	5.00	5.00	
128 n-Butylbenzene	92	11.139	11.139	0.000	96	20873	5.00	5.20	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	64	2055	5.00	4.47	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	94	28033	5.00	4.82	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	87	9091	5.00	4.36	
132 1,2,4-Trichlorobenzene	180	12.949	12.950	-0.001	82	8204	5.00	4.60	
134 Naphthalene	128	13.157	13.151	0.006	98	23093	5.00	4.47	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	42	3252	5.00	4.73	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	77	5970	5.00	4.03	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.89	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 140 Total BTEX	1				0		25.0	26.1	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.46	
S 138 Total 1,2-dichloroethene	1				0			9.89	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00122	Amount Added:	10.00	Units: uL	
GASES Li_00379	Amount Added:	10.00	Units: uL	
524freon_00025	Amount Added:	10.00	Units: uL	
ACROLEIN W_00109	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:29:27 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37110.D

Injection Date: 03-Aug-2020 01:45:49 Instrument ID: CVOAMS15

Lims ID: STD5

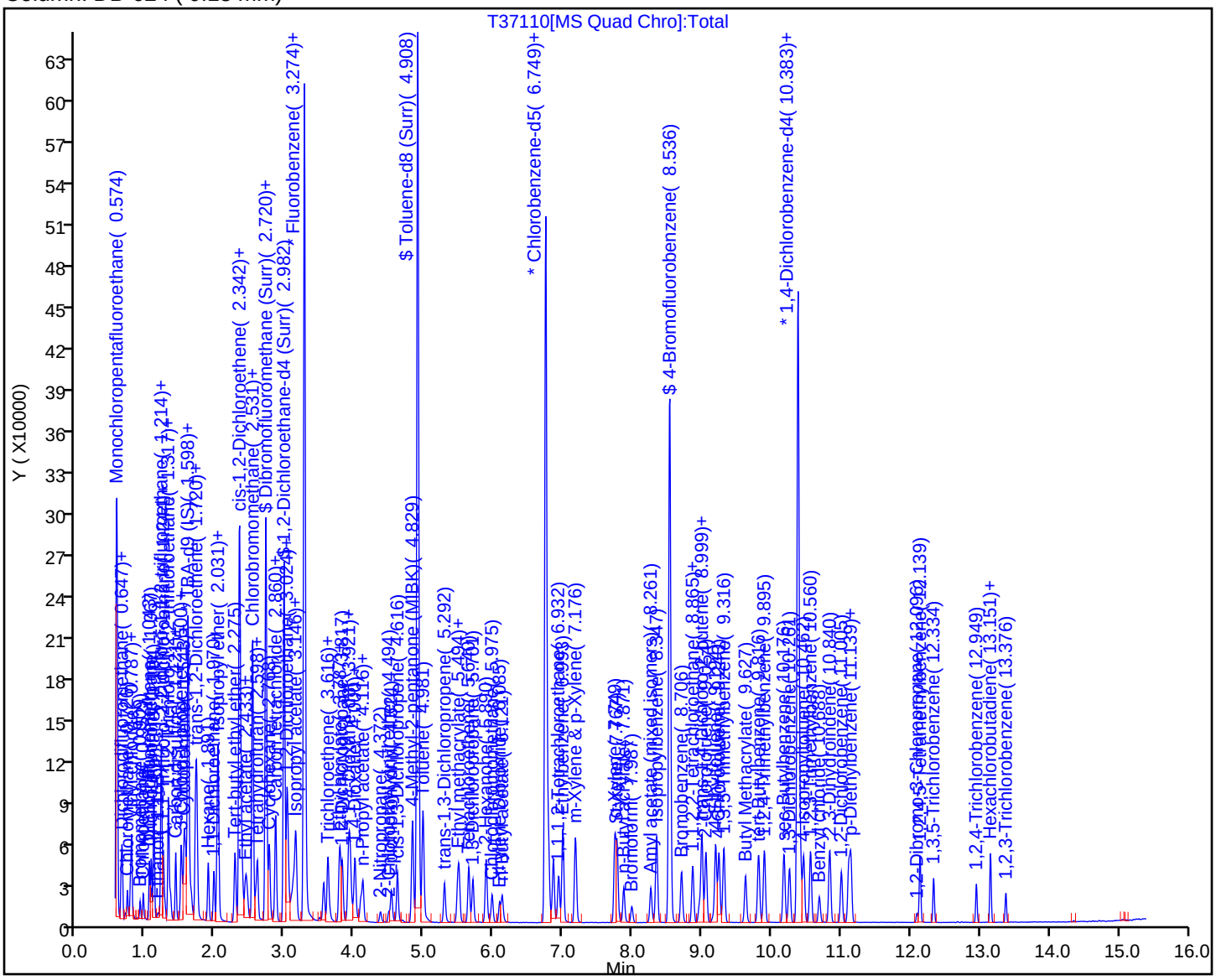
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

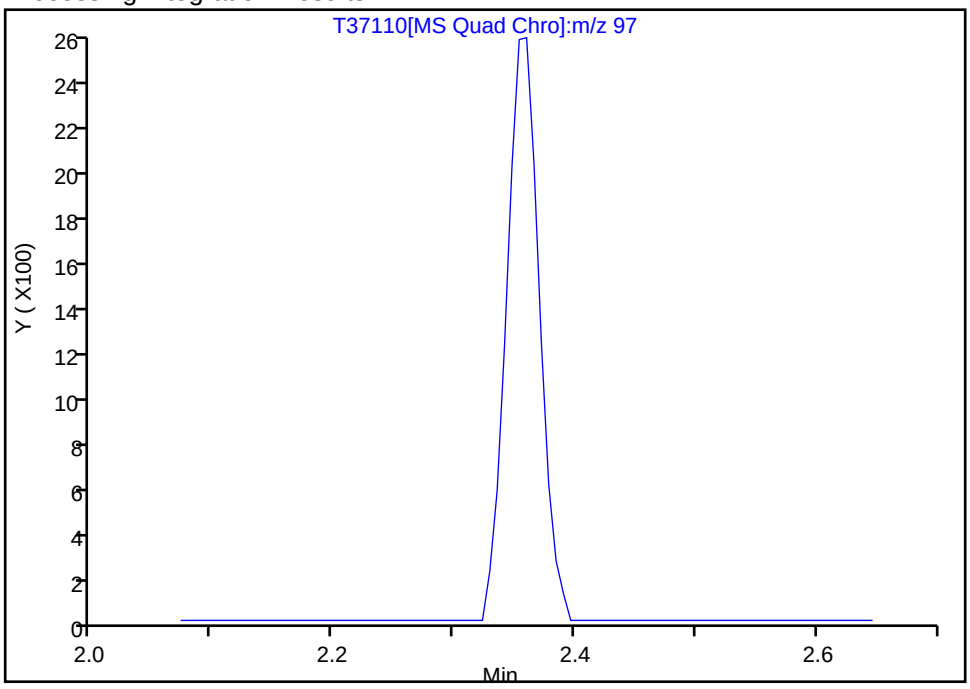
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37110.D
Injection Date: 03-Aug-2020 01:45:49 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

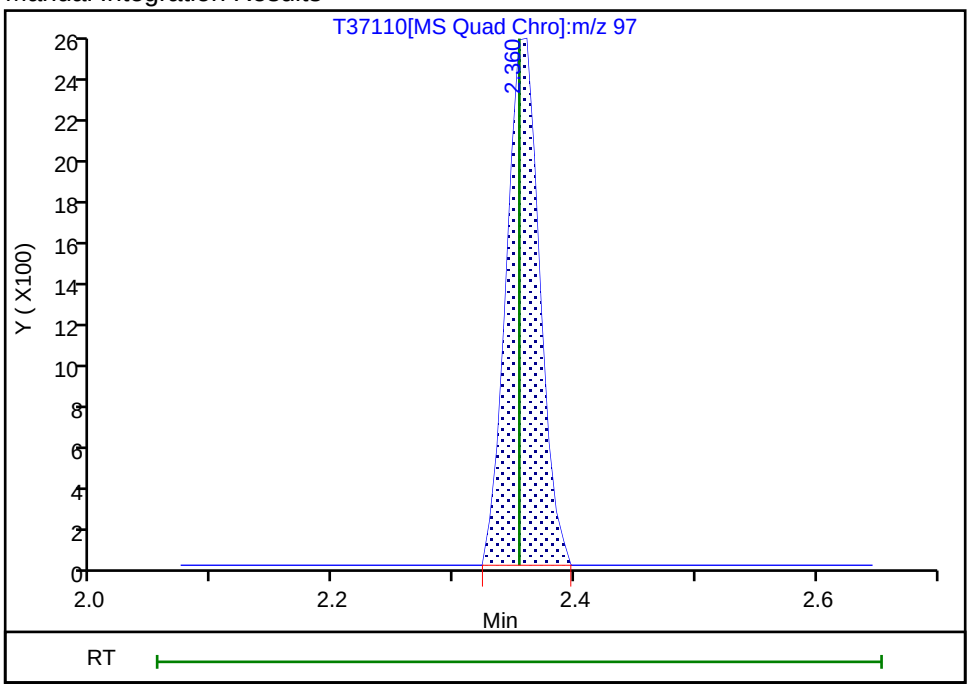
Not Detected
Expected RT: 2.35

Processing Integration Results



Manual Integration Results

RT: 2.36
Area: 4857
Amount: 4.640843
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:24:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

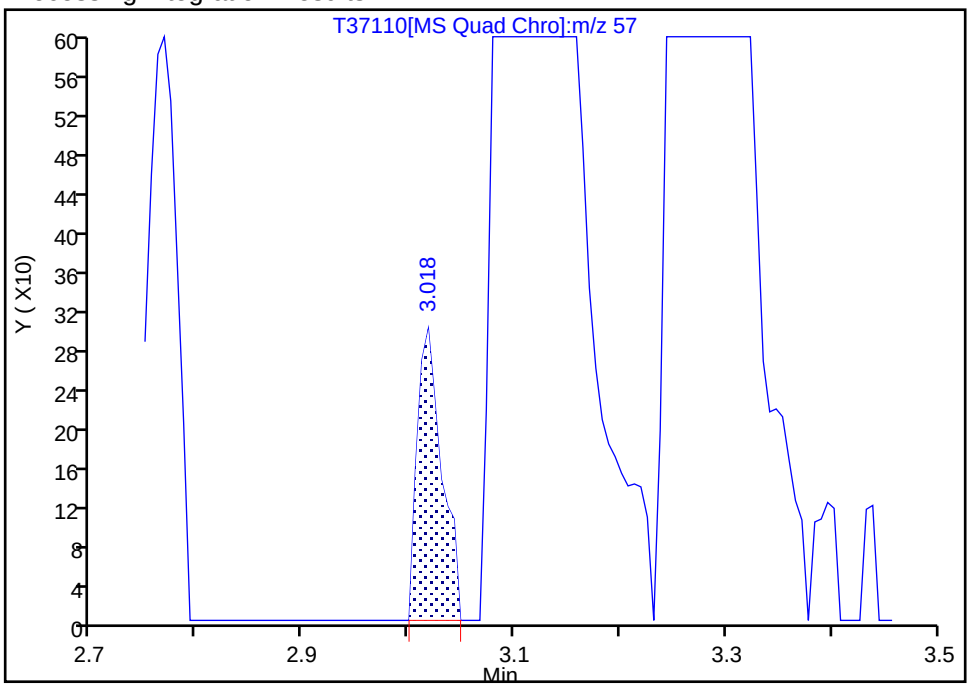
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37110.D
Injection Date: 03-Aug-2020 01:45:49 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

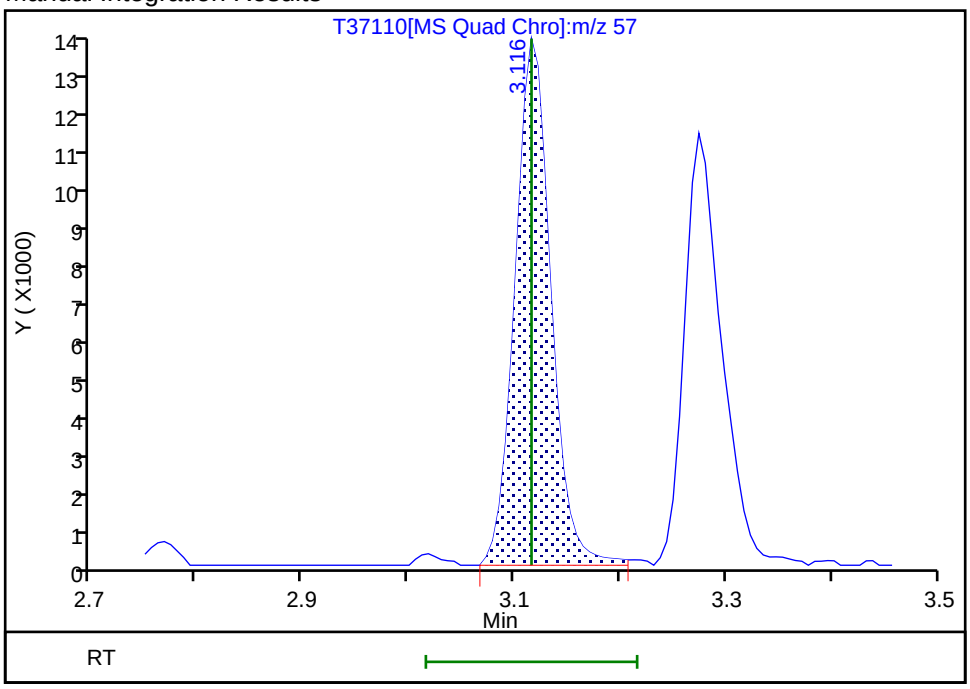
Processing Integration Results

RT: 3.02
Area: 481
Amount: 0.085262
Amount Units: ug/l



Manual Integration Results

RT: 3.12
Area: 32081
Amount: 4.902135
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:24:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

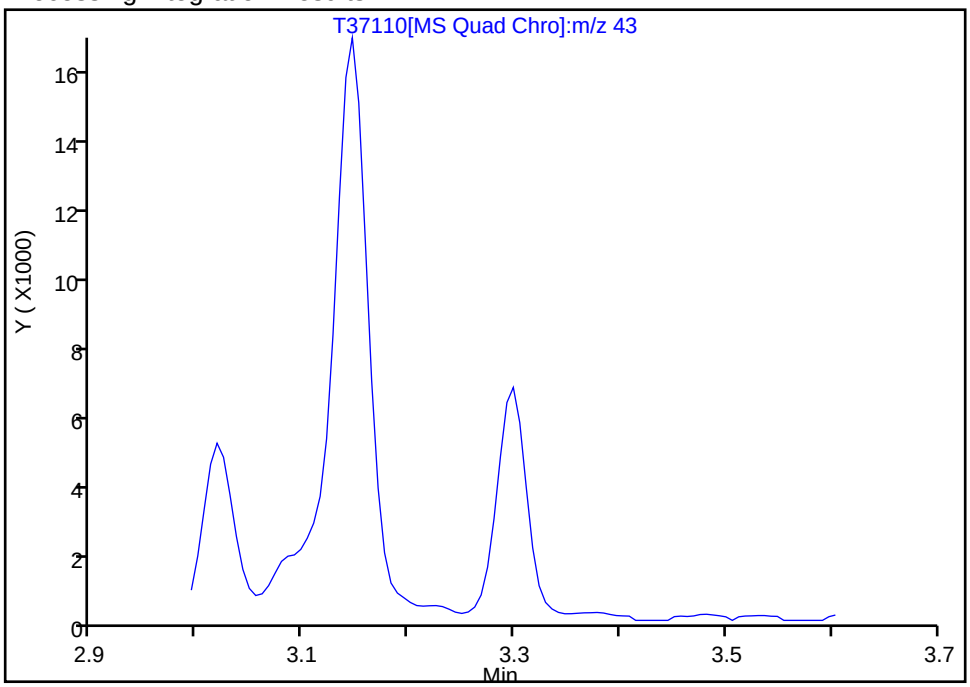
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37110.D
Injection Date: 03-Aug-2020 01:45:49 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

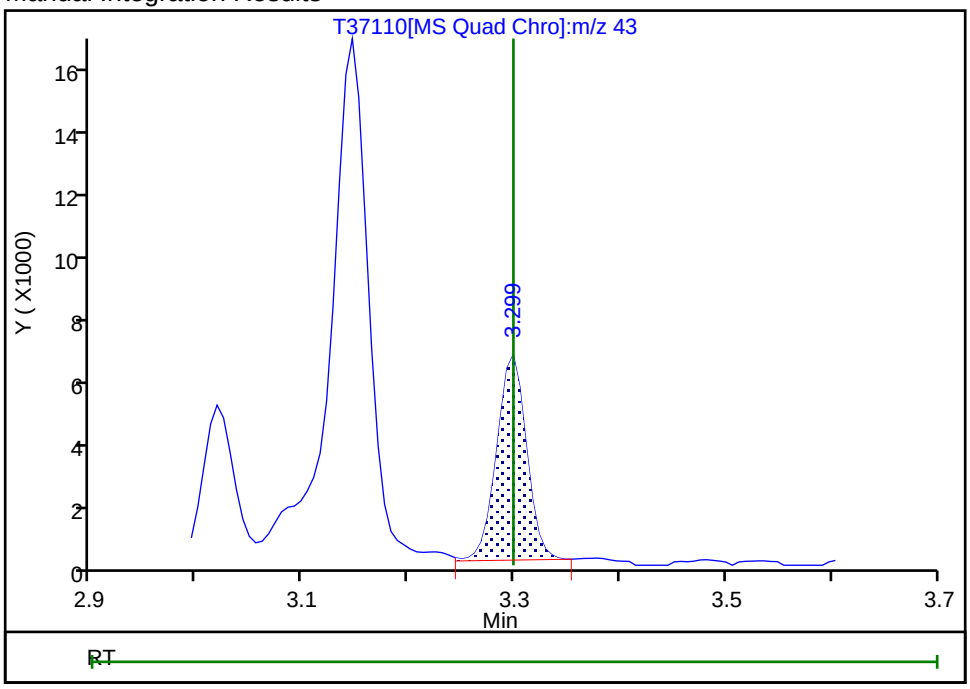
Not Detected
Expected RT: 3.30

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 12901
Amount: 4.580951
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:24:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37111.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 03-Aug-2020 02:09:52 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0114382-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:29:40 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 06:52:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	30	6286	20.0	17.9	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	95	28140	20.0	19.5	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	58	15500	20.0	19.8	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	99	80252	20.0	19.4	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	95	10026	20.0	18.6	
6 Chloromethane	50	0.726	0.726	0.000	99	56186	20.0	18.0	
7 Vinyl chloride	62	0.769	0.769	0.000	98	75622	20.0	20.0	
8 Butadiene	54	0.787	0.787	0.000	94	63679	20.0	18.5	
9 Bromomethane	94	0.909	0.909	0.000	99	24459	20.0	19.4	
10 Chloroethane	64	0.952	0.952	0.000	99	46181	20.0	18.8	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	109764	20.0	19.7	
12 Trichlorofluoromethane	101	1.068	1.068	0.000	87	97083	20.0	20.0	
13 Pentane	72	1.104	1.104	0.000	96	20571	40.0	42.1	
14 Ethanol	45	1.171	1.171	0.000	95	12738	800.0	967.1	
15 Ethyl ether	59	1.208	1.208	0.000	54	44981	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	81	50162	20.0	19.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	77	50641	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	98	90926	20.0	20.6	
19 Acrolein	56	1.269	1.269	0.000	96	14819	40.0	38.9	
20 1,1-Dichloroethene	96	1.311	1.311	0.000	89	53698	20.0	20.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	72	58016	20.0	20.0	
22 Acetone	43	1.348	1.348	0.000	88	70102	100.0	86.8	
23 Iodomethane	142	1.391	1.391	0.000	97	7386	20.0	7.79	
24 Carbon disulfide	76	1.421	1.421	0.000	99	177167	20.0	19.1	
25 Isopropyl alcohol	45	1.427	1.427	0.000	33	29521	200.0	183.6	
26 Acetonitrile	40	1.494	1.494	0.000	83	38699	200.0	209.3	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	93	35353	20.0	20.7	
28 Methyl acetate	43	1.519	1.519	0.000	99	75563	40.0	41.4	
29 Cyclopentene	67	1.543	1.543	0.000	94	142944	20.0	20.1	
30 Methylene Chloride	84	1.567	1.567	0.000	92	60173	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	99	42648	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	99	50655	200.0	184.3	
33 Acrylonitrile	53	1.708	1.708	0.000	94	207833	200.0	198.9	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	93	58693	20.0	19.2	
35 Methyl tert-butyl ether	73	1.726	1.726	0.000	97	157546	20.0	20.6	
36 Hexane	57	1.891	1.891	0.000	91	74325	20.0	20.8	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	100	108236	20.0	20.2	
38 Vinyl acetate	86	2.019	2.019	0.000	100	22217	40.0	41.0	
40 Isopropyl ether	45	2.031	2.031	0.000	82	186275	20.0	20.7	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	72	57165	20.0	19.7	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	88	169384	20.0	20.6	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	84	311975	250.0	250.0	
44 2,2-Dichloropropane	97	2.354	2.354	0.000	77	19433	20.0	19.4	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	94	65224	20.0	20.1	
45 2-Butanone (MEK)	43	2.378	2.378	0.000	99	125795	100.0	95.1	
46 Propionitrile	54	2.421	2.421	0.000	98	78747	200.0	210.0	
47 Ethyl acetate	70	2.439	2.439	0.000	99	11287	40.0	41.2	
48 Methyl acrylate	55	2.458	2.458	0.000	97	58894	20.0	20.6	
50 Methacrylonitrile	67	2.531	2.531	0.000	89	242582	200.0	211.5	
49 Chlorobromomethane	128	2.531	2.531	0.000	48	28906	20.0	20.4	
51 Tetrahydrofuran	72	2.573	2.573	0.000	86	15525	40.0	44.0	
52 Chloroform	83	2.598	2.598	0.000	99	106940	20.0	20.8	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	94	143577	50.0	49.6	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	71	86230	20.0	19.4	
55 Cyclohexane	84	2.768	2.768	0.000	90	82434	20.0	20.0	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	97	88540	20.0	20.0	
56 Carbon tetrachloride	117	2.860	2.860	0.000	80	70505	20.0	18.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	92	158194	50.0	50.2	
59 Isobutyl alcohol	43	3.018	3.018	0.000	44	46838	500.0	486.2	
60 Benzene	78	3.025	3.025	0.000	97	238810	20.0	20.2	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	57	74988	20.0	19.8	
62 Isooctane	57	3.116	3.116	0.000	97	131308	20.0	20.9	
63 Isopropyl acetate	61	3.146	3.146	0.000	93	22196	20.0	22.2	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	77	160089	20.0	20.8	
* 65 Fluorobenzene	96	3.274	3.274	0.000	98	524019	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	86	54155	20.0	20.0	
67 Trichloroethene	95	3.610	3.610	0.000	92	63652	20.0	20.8	
68 n-Butanol	56	3.634	3.634	0.000	86	31350	500.0	502.3	
69 Ethyl acrylate	55	3.774	3.774	0.000	97	132578	20.0	20.8	
70 Methylcyclohexane	83	3.787	3.787	0.000	81	85252	20.0	20.6	
71 1,2-Dichloropropane	63	3.823	3.823	0.000	90	61413	20.0	20.2	
72 Dibromomethane	93	3.933	3.933	0.000	62	37057	20.0	19.8	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	95	30053	1000.0	1000.0	
74 1,4-Dioxane	88	3.994	3.994	0.000	32	12627	400.0	449.9	
75 Methyl methacrylate	100	4.000	4.000	0.000	89	28176	40.0	41.4	
76 n-Propyl acetate	43	4.085	4.085	0.000	98	75320	20.0	21.3	
77 Dichlorobromomethane	83	4.116	4.116	0.000	95	76383	20.0	20.3	
78 2-Nitropropane	41	4.372	4.372	0.000	95	19268	40.0	39.6	
79 2-Chloroethyl vinyl ether	63	4.488	4.488	0.000	93	24395	20.0	19.8	
80 Epichlorohydrin	57	4.524	4.524	0.000	98	103992	400.0	403.5	
81 cis-1,3-Dichloropropene	75	4.610	4.610	0.000	92	94748	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	96	250415	100.0	103.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	499229	50.0	50.5	
84 Toluene	91	4.982	4.982	0.000	94	243095	20.0	20.1	
85 trans-1,3-Dichloropropene	75	5.292	5.292	0.000	93	80628	20.0	19.5	
86 Ethyl methacrylate	69	5.481	5.481	0.000	88	66330	20.0	20.2	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	91	43595	20.0	20.6	
88 Tetrachloroethene	166	5.640	5.640	0.000	92	53064	20.0	20.3	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	89	88923	20.0	20.6	
90 2-Hexanone	43	5.890	5.890	0.000	96	175561	100.0	106.0	
91 Chlorodibromomethane	129	5.975	5.975	0.000	96	53599	20.0	21.0	
92 Ethylene Dibromide	107	6.085	6.085	0.000	99	53133	20.0	20.5	
93 n-Butyl acetate	43	6.122	6.122	0.000	99	79432	20.0	21.8	
* 94 Chlorobenzene-d5	117	6.749	6.749	0.000	86	360301	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	92	144113	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	6.938	6.938	0.000	92	48464	20.0	20.5	
97 Ethylbenzene	106	6.993	6.993	0.000	98	78701	20.0	20.7	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	95758	20.0	20.9	
99 o-Xylene	106	7.743	7.743	0.000	91	89155	20.0	20.2	
100 Styrene	104	7.774	7.774	0.000	90	149749	20.0	20.9	
101 n-Butyl acrylate	73	7.871	7.871	0.000	97	39483	20.0	22.3	
102 Bromoform	173	7.987	7.987	0.000	91	29439	20.0	20.4	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	90	85504	20.0	22.1	
104 Isopropylbenzene	105	8.347	8.347	0.000	96	225303	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	83	127556	50.0	50.9	
106 Bromobenzene	156	8.706	8.706	0.000	94	50869	20.0	20.6	
108 1,2,3-Trichloropropane	110	8.865	8.865	0.000	80	17799	20.0	23.3	
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	89	65913	20.0	21.3	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	85	16739	20.0	21.5	
110 N-Propylbenzene	91	8.999	8.999	0.000	98	285799	20.0	20.6	
111 2-Chlorotoluene	91	9.054	9.054	0.000	96	157257	20.0	20.4	
112 4-Ethyltoluene	105	9.194	9.194	0.000	99	212993	20.0	20.9	
113 4-Chlorotoluene	91	9.243	9.243	0.000	99	187396	20.0	22.3	
114 1,3,5-Trimethylbenzene	105	9.310	9.310	0.000	91	166065	20.0	20.8	
115 Butyl Methacrylate	87	9.627	9.627	0.000	88	61262	20.0	21.4	
116 tert-Butylbenzene	119	9.816	9.816	0.000	88	135006	20.0	20.4	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	98	163479	20.0	20.3	
118 sec-Butylbenzene	105	10.182	10.182	0.000	98	202500	20.0	20.5	
119 1,3-Dichlorobenzene	146	10.255	10.255	0.000	93	86328	20.0	20.3	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	97	152981	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	88	85644	20.0	19.7	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	88	153490	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	99	161531	20.0	20.6	
124 Benzyl chloride	91	10.688	10.688	0.000	98	87281	20.0	20.3	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	90	157487	20.0	20.6	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	92	80243	20.0	20.7	
127 p-Diethylbenzene	119	11.108	11.108	0.000	89	75691	20.0	20.2	
128 n-Butylbenzene	92	11.139	11.139	0.000	97	82237	20.0	20.9	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	88	9072	20.0	20.1	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	96	115329	20.0	20.2	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	94	39360	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	91	34146	20.0	19.5	
134 Naphthalene	128	13.151	13.151	0.000	98	103564	20.0	20.4	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	51	12848	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	93	27201	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 137 Xylenes, Total	100				0		40.0	41.1	
S 140 Total BTEX	1				0		100.0	102.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.6	

Reagents:

8260MIX1COMB_00122	Amount Added:	20.00	Units: uL	
GASES Li_00379	Amount Added:	20.00	Units: uL	
524freon_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00109	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:29:43 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37111.D

Injection Date: 03-Aug-2020 02:09:52 Instrument ID: CVOAMS15

Lims ID: STD20

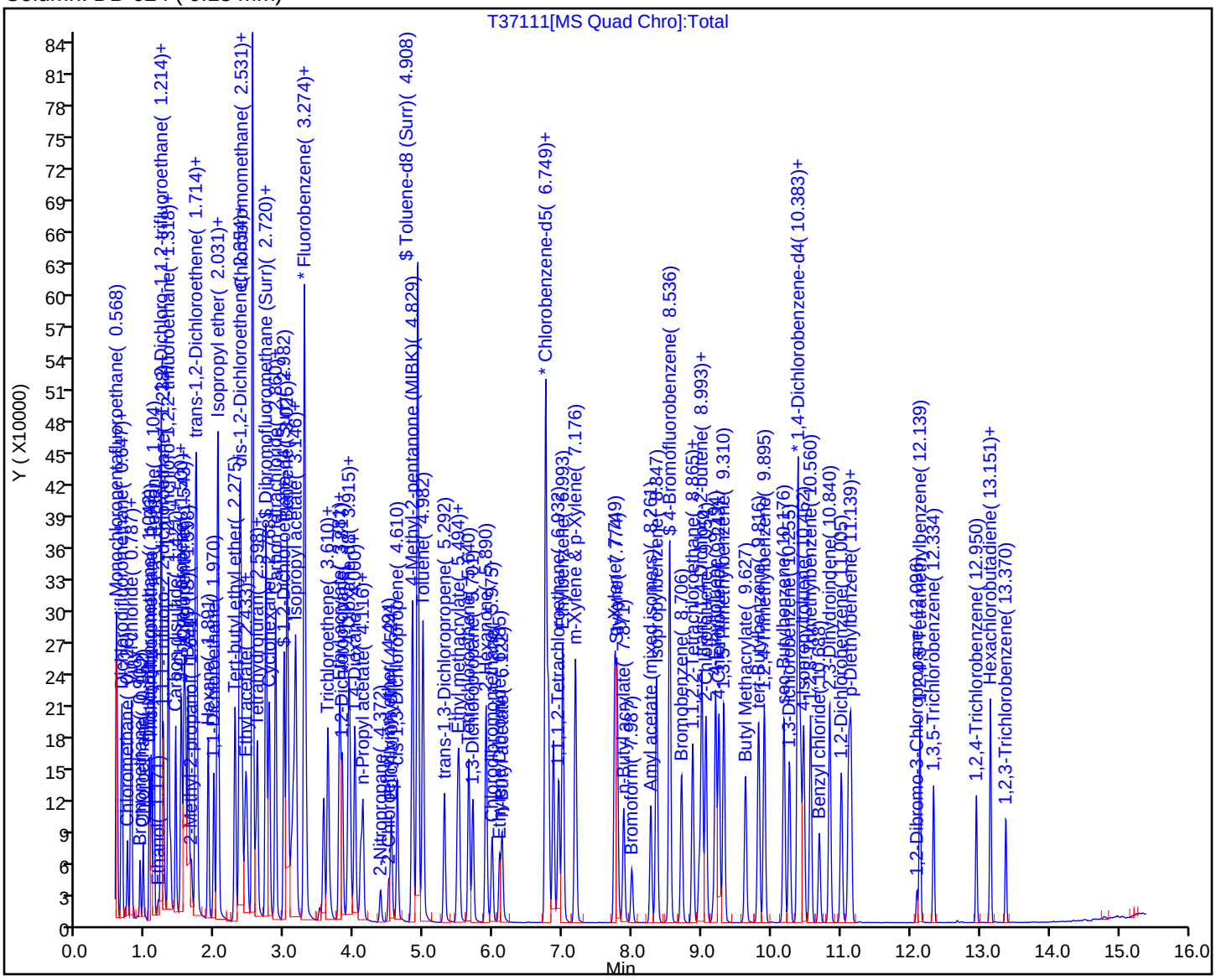
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37112.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Aug-2020 02:33:55 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0114382-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:29:57 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 07:19:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	45	14853	50.0	43.0	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	95	67550	50.0	47.7	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	60	37526	50.0	46.7	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	99	193439	50.0	47.5	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	96	24454	50.0	46.2	
6 Chloromethane	50	0.726	0.726	0.000	99	141031	50.0	46.0	
7 Vinyl chloride	62	0.769	0.769	0.000	99	182006	50.0	49.1	
8 Butadiene	54	0.787	0.787	0.000	95	156675	50.0	46.0	
9 Bromomethane	94	0.909	0.909	0.000	99	75099	50.0	61.4	
10 Chloroethane	64	0.952	0.952	0.000	97	117292	50.0	49.2	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	272106	50.0	49.6	
12 Trichlorofluoromethane	101	1.068	1.068	0.000	100	233984	50.0	49.1	
13 Pentane	72	1.104	1.104	0.000	96	47857	100.0	99.6	
14 Ethanol	45	1.177	1.171	0.006	95	25650	2000.0	2046.4	
15 Ethyl ether	59	1.208	1.208	0.000	53	111900	50.0	51.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	78	126083	50.0	50.3	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	81	126765	50.0	49.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	98	223999	50.0	51.7	
19 Acrolein	56	1.269	1.269	0.000	96	38055	100.0	103.4	
20 1,1-Dichloroethene	96	1.311	1.311	0.000	98	131986	50.0	51.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	73	144066	50.0	50.4	
22 Acetone	43	1.348	1.348	0.000	87	171708	250.0	219.0	
23 Iodomethane	142	1.391	1.391	0.000	99	45706	50.0	49.1	
24 Carbon disulfide	76	1.421	1.421	0.000	99	437531	50.0	48.1	
25 Isopropyl alcohol	45	1.433	1.427	0.006	46	72344	500.0	465.9	
26 Acetonitrile	40	1.494	1.494	0.000	83	89165	500.0	496.9	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	94	87096	50.0	51.9	
28 Methyl acetate	43	1.519	1.519	0.000	98	184866	100.0	103.1	
29 Cyclopentene	67	1.543	1.543	0.000	96	350268	50.0	50.0	
30 Methylene Chloride	84	1.568	1.567	0.001	91	147406	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.604	1.598	0.006	99	41179	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.653	1.647	0.006	99	122507	500.0	461.6	
33 Acrylonitrile	53	1.708	1.708	0.000	94	496927	500.0	483.7	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	95	147544	50.0	49.0	
35 Methyl tert-butyl ether	73	1.732	1.726	0.006	97	382399	50.0	50.9	
36 Hexane	57	1.891	1.891	0.000	92	177801	50.0	50.6	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	95	266593	50.0	50.6	
38 Vinyl acetate	86	2.019	2.019	0.000	100	53042	100.0	98.7	
40 Isopropyl ether	45	2.031	2.031	0.000	80	453989	50.0	51.3	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	70	146537	50.0	51.5	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	88	418028	50.0	51.8	
* 42 2-Butanone-d5	46	2.342	2.336	0.006	95	302819	250.0	250.0	
44 2,2-Dichloropropane	97	2.354	2.354	0.000	80	49319	50.0	50.0	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	94	159268	50.0	49.9	
45 2-Butanone (MEK)	43	2.378	2.378	0.000	99	296491	250.0	230.9	
46 Propionitrile	54	2.421	2.421	0.000	99	188807	500.0	521.5	
47 Ethyl acetate	70	2.439	2.439	0.000	100	28955	100.0	108.9	
48 Methyl acrylate	55	2.458	2.458	0.000	97	142106	50.0	50.6	
50 Methacrylonitrile	67	2.531	2.531	0.000	89	605570	500.0	537.0	
49 Chlorobromomethane	128	2.531	2.531	0.000	47	68845	50.0	49.5	
51 Tetrahydrofuran	72	2.573	2.573	0.000	86	35884	100.0	104.7	
52 Chloroform	83	2.598	2.598	0.000	93	263469	50.0	52.1	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	87	143307	50.0	50.4	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	93	219828	50.0	50.4	
55 Cyclohexane	84	2.769	2.768	0.001	90	199931	50.0	49.3	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	97	215180	50.0	49.4	
56 Carbon tetrachloride	117	2.860	2.860	0.000	83	183608	50.0	49.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	92	155197	50.0	50.1	
59 Isobutyl alcohol	43	3.018	3.018	0.000	43	118911	1250.0	1278.4	
60 Benzene	78	3.025	3.025	0.000	96	601271	50.0	50.1	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	56	178706	50.0	48.0	
62 Isooctane	57	3.116	3.116	0.000	97	315671	50.0	51.2	
63 Isopropyl acetate	61	3.147	3.146	0.000	93	53756	50.0	54.7	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	76	395422	50.0	52.2	
* 65 Fluorobenzene	96	3.275	3.274	0.001	98	515146	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	89	121025	50.0	45.6	
67 Trichloroethene	95	3.610	3.610	0.000	92	158418	50.0	52.6	
68 n-Butanol	56	3.634	3.634	0.000	83	82581	1250.0	1370.4	
69 Ethyl acrylate	55	3.774	3.774	0.000	97	335082	50.0	53.4	
70 Methylcyclohexane	83	3.787	3.787	0.000	79	205025	50.0	50.4	
71 1,2-Dichloropropane	63	3.817	3.823	-0.006	89	154669	50.0	51.8	
72 Dibromomethane	93	3.933	3.933	0.000	60	94713	50.0	51.6	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	98	29810	1000.0	1000.0	
74 1,4-Dioxane	88	3.994	3.994	0.000	32	31563	1000.0	1133.7	
75 Methyl methacrylate	100	4.000	4.000	0.000	88	70229	100.0	104.8	
76 n-Propyl acetate	43	4.085	4.085	0.000	98	191299	50.0	55.0	
77 Dichlorobromomethane	83	4.116	4.116	0.000	96	195792	50.0	53.0	
78 2-Nitropropane	41	4.372	4.372	0.000	96	50403	100.0	105.3	
79 2-Chloroethyl vinyl ether	63	4.488	4.488	0.000	96	66786	50.1	53.7	
80 Epichlorohydrin	57	4.524	4.524	0.000	98	263690	1000.0	1054.0	
81 cis-1,3-Dichloropropene	75	4.610	4.610	0.000	91	241210	50.0	50.2	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	96	628501	250.0	267.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	491928	50.0	49.0	
84 Toluene	91	4.982	4.982	0.000	93	610266	50.0	49.7	
85 trans-1,3-Dichloropropene	75	5.292	5.292	0.000	93	208008	50.0	49.6	
86 Ethyl methacrylate	69	5.481	5.481	0.000	87	172840	50.0	51.7	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	91	110283	50.0	51.2	
88 Tetrachloroethene	166	5.640	5.640	0.000	87	133419	50.0	50.3	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	91	217162	50.0	49.4	
90 2-Hexanone	43	5.890	5.890	0.000	96	421586	250.0	262.2	
91 Chlorodibromomethane	129	5.975	5.975	0.000	95	133183	50.0	51.3	
92 Ethylene Dibromide	107	6.085	6.085	0.000	97	133384	50.0	50.7	
93 n-Butyl acetate	43	6.122	6.122	0.000	98	194957	50.0	52.7	
* 94 Chlorobenzene-d5	117	6.750	6.749	0.001	86	366267	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	93	363907	50.0	50.9	
96 1,1,1,2-Tetrachloroethane	131	6.932	6.938	-0.006	91	124757	50.0	51.9	
97 Ethylbenzene	106	6.993	6.993	0.000	99	192515	50.0	49.9	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	235004	50.0	50.4	
99 o-Xylene	106	7.743	7.743	0.000	93	222605	50.0	49.6	
100 Styrene	104	7.774	7.774	0.000	90	372420	50.0	51.1	
101 n-Butyl acrylate	73	7.871	7.871	0.000	97	96886	50.0	53.7	
102 Bromoform	173	7.987	7.987	0.000	92	75805	50.0	51.7	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	90	208832	50.0	54.7	
104 Isopropylbenzene	105	8.347	8.347	0.000	96	564391	50.0	50.5	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	82	122606	50.0	48.1	
106 Bromobenzene	156	8.706	8.706	0.000	95	127333	50.0	52.2	
108 1,2,3-Trichloropropane	110	8.871	8.865	0.006	83	43828	50.0	58.0	
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	89	162285	50.0	53.1	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	88	44421	50.0	57.7	
110 N-Propylbenzene	91	8.999	8.999	0.000	98	705291	50.0	51.5	
111 2-Chlorotoluene	91	9.054	9.054	0.000	95	390345	50.0	51.4	
112 4-Ethyltoluene	105	9.194	9.194	0.000	99	526994	50.0	52.3	
113 4-Chlorotoluene	91	9.243	9.243	0.000	99	407327	50.0	49.2	
114 1,3,5-Trimethylbenzene	105	9.316	9.310	0.006	91	404929	50.0	51.3	
115 Butyl Methacrylate	87	9.627	9.627	0.000	89	155985	50.0	55.3	
116 tert-Butylbenzene	119	9.816	9.816	0.000	89	331963	50.0	50.7	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	98	405458	50.0	50.9	
118 sec-Butylbenzene	105	10.182	10.182	0.000	99	490220	50.0	50.2	
119 1,3-Dichlorobenzene	146	10.261	10.255	0.006	94	211746	50.0	50.4	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	97	151051	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	92	215189	50.0	50.0	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	90	380310	50.0	51.2	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	99	397713	50.0	51.3	
124 Benzyl chloride	91	10.688	10.688	0.000	98	226955	50.0	53.4	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	90	388578	50.0	51.6	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	93	197054	50.0	51.6	
127 p-Diethylbenzene	119	11.115	11.108	0.007	88	186145	50.0	50.4	
128 n-Butylbenzene	92	11.145	11.139	0.006	98	198727	50.0	51.1	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	95	23831	50.0	53.4	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	96	295125	50.0	52.3	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	94	100915	50.0	49.9	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	93	85805	50.0	49.6	
134 Naphthalene	128	13.151	13.151	0.000	99	262774	50.0	52.5	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	52	30683	50.0	45.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	92	68385	50.0	47.6	
S 136 1,2-Dichloroethene, Total	100				0		100.0	98.9	
S 137 Xylenes, Total	100				0		100.0	100.0	
S 140 Total BTEX	1				0		250.0	249.7	
S 139 1,3-Dichloropropene, Total	1				0		100.0	99.8	
S 138 Total 1,2-dichloroethene	1				0			98.9	

Reagents:

8260MIX1COMB_00122	Amount Added:	50.00	Units: uL	
GASES Li_00379	Amount Added:	50.00	Units: uL	
524freon_00025	Amount Added:	50.00	Units: uL	
ACROLEIN W_00109	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:30:00 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37112.D

Injection Date: 03-Aug-2020 02:33:55 Instrument ID: CVOAMS15

Lims ID: STD50

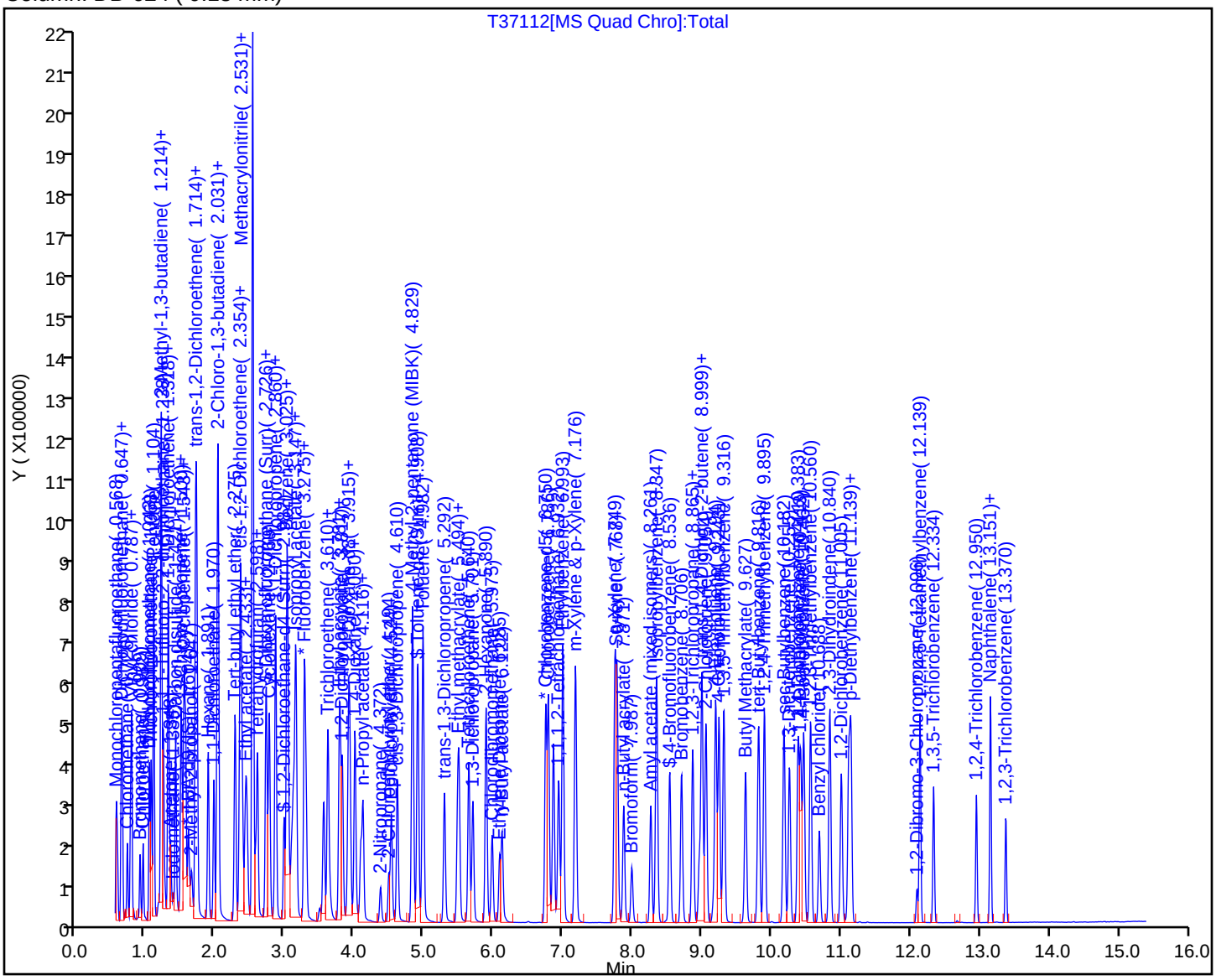
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37113.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Aug-2020 02:57:56 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0114382-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:30:13 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 07:21:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	95	76391	200.0	227.1	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	94	308653	200.0	223.8	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	64	223311	200.0	225.4	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	100	937377	200.0	236.4	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	92	109576	200.0	212.5	
6 Chloromethane	50	0.726	0.726	0.000	99	595582	200.0	199.6	
7 Vinyl chloride	62	0.769	0.769	0.000	98	777269	200.0	215.1	
8 Butadiene	54	0.787	0.787	0.000	94	685627	200.0	201.6	
9 Bromomethane	94	0.909	0.909	0.000	99	428592	200.0	367.8	
10 Chloroethane	64	0.952	0.952	0.000	99	452546	200.0	199.2	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	99	1104480	200.0	206.8	
12 Trichlorofluoromethane	101	1.068	1.068	0.000	100	982775	200.0	211.9	
13 Pentane	72	1.104	1.104	0.000	96	216865	400.0	463.6	
14 Ethanol	45	1.171	1.171	0.000	95	95505	8000.0	7939.5	
15 Ethyl ether	59	1.208	1.208	0.000	54	454584	200.0	215.1	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	82	542786	200.0	216.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	77	502119	200.0	205.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	97	874631	200.0	207.2	
19 Acrolein	56	1.269	1.269	0.000	95	75127	200.0	195.6	
20 1,1-Dichloroethene	96	1.312	1.311	0.001	98	543577	200.0	216.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	76	639673	200.0	229.8	
22 Acetone	43	1.348	1.348	0.000	88	769836	1000.0	1030.5	
23 Iodomethane	142	1.391	1.391	0.000	99	442735	200.0	487.9	
24 Carbon disulfide	76	1.421	1.421	0.000	99	1781613	200.0	201.1	
25 Isopropyl alcohol	45	1.433	1.427	0.006	42	285599	2000.0	1762.7	
26 Acetonitrile	40	1.494	1.494	0.000	83	348990	2000.0	2041.3	
27 3-Chloro-1-propene	76	1.501	1.500	0.001	94	331658	200.0	203.1	
28 Methyl acetate	43	1.519	1.519	0.000	98	734450	400.0	420.5	
29 Cyclopentene	67	1.543	1.543	0.000	97	1458462	200.0	213.9	
30 Methylene Chloride	84	1.568	1.567	0.001	91	590426	200.0	208.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.604	1.598	0.006	99	42966	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.653	1.647	0.006	99	483116	2000.0	1744.6	
33 Acrylonitrile	53	1.708	1.708	0.000	95	1980426	2000.0	1979.1	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	95	614597	200.0	209.6	
35 Methyl tert-butyl ether	73	1.732	1.726	0.006	97	1539343	200.0	210.4	
36 Hexane	57	1.891	1.891	0.000	91	755425	200.0	220.6	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	100	1064404	200.0	207.4	
38 Vinyl acetate	86	2.019	2.019	0.000	100	222803	400.0	400.8	
40 Isopropyl ether	45	2.037	2.031	0.006	89	1758950	200.0	204.2	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	74	574584	200.0	207.3	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	88	1608061	200.0	204.7	
* 42 2-Butanone-d5	46	2.342	2.336	0.006	60	288516	250.0	250.0	
44 2,2-Dichloropropane	97	2.360	2.354	0.006	74	201168	200.0	209.3	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	94	656874	200.0	211.4	
45 2-Butanone (MEK)	43	2.385	2.378	0.006	99	1191666	1000.0	974.1	
46 Propionitrile	54	2.421	2.421	0.000	99	706035	2000.0	1869.0	
47 Ethyl acetate	70	2.439	2.439	0.000	100	107515	400.0	424.3	
48 Methyl acrylate	55	2.458	2.458	0.000	96	541566	200.0	197.8	
50 Methacrylonitrile	67	2.537	2.531	0.006	89	2332088	2000.0	2123.4	
49 Chlorobromomethane	128	2.531	2.531	0.000	47	274097	200.0	202.5	
51 Tetrahydrofuran	72	2.574	2.573	0.001	87	140771	400.0	431.1	
52 Chloroform	83	2.598	2.598	0.000	99	1033123	200.0	209.9	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	43	140433	50.0	50.7	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	97	897722	200.0	211.5	
55 Cyclohexane	84	2.769	2.768	0.001	90	856401	200.0	216.7	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	97	869856	200.0	205.1	
56 Carbon tetrachloride	117	2.860	2.860	0.000	87	777796	200.0	216.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	92	149532	50.0	49.6	
59 Isobutyl alcohol	43	3.025	3.018	0.007	42	491288	5000.0	5062.2	
60 Benzene	78	3.025	3.025	0.000	96	2313727	200.0	202.9	
61 1,2-Dichloroethane	62	3.049	3.043	0.006	82	705243	200.0	194.4	
62 Isooctane	57	3.116	3.116	0.000	98	1257139	200.0	209.2	
63 Isopropyl acetate	61	3.147	3.146	0.001	93	210593	200.0	220.1	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	74	1524561	200.0	206.6	
* 65 Fluorobenzene	96	3.275	3.274	0.001	98	501744	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	91	538369	200.0	208.1	
67 Trichloroethene	95	3.610	3.610	0.000	92	641714	200.0	218.9	
68 n-Butanol	56	3.634	3.634	0.000	79	331653	5000.0	5274.9	
69 Ethyl acrylate	55	3.781	3.774	0.007	96	1340688	200.0	219.5	
70 Methylcyclohexane	83	3.787	3.787	0.000	78	864340	200.0	218.3	
71 1,2-Dichloropropane	63	3.823	3.823	0.000	91	594309	200.0	204.2	
72 Dibromomethane	93	3.933	3.933	0.000	53	368990	200.0	206.4	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	95	30019	1000.0	1000.0	
74 1,4-Dioxane	88	3.994	3.994	0.000	32	117167	4000.0	4179.4	
75 Methyl methacrylate	100	4.006	4.000	0.006	87	279094	400.0	427.8	
76 n-Propyl acetate	43	4.085	4.085	0.000	98	727683	200.0	214.9	
77 Dichlorobromomethane	83	4.116	4.116	0.000	96	783825	200.0	217.9	
78 2-Nitropropane	41	4.372	4.372	0.000	97	205197	400.0	440.0	
79 2-Chloroethyl vinyl ether	63	4.494	4.488	0.006	95	288583	200.5	221.6	
80 Epichlorohydrin	57	4.530	4.524	0.006	99	998037	4000.0	4187.0	
81 cis-1,3-Dichloropropene	75	4.616	4.610	0.006	86	939623	200.0	205.8	
82 4-Methyl-2-pentanone (MIBK)	43	4.835	4.829	0.006	95	2354470	1000.0	1052.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	472940	50.0	49.5	
84 Toluene	91	4.988	4.982	0.006	93	2370802	200.0	203.2	
85 trans-1,3-Dichloropropene	75	5.293	5.292	0.001	95	825709	200.0	207.0	
86 Ethyl methacrylate	69	5.482	5.481	0.001	88	681631	200.0	214.6	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	90	424056	200.0	206.9	
88 Tetrachloroethene	166	5.646	5.640	0.006	88	537296	200.0	213.1	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	92	835226	200.0	200.0	
90 2-Hexanone	43	5.890	5.890	0.000	95	1619642	1000.0	1057.1	
91 Chlorodibromomethane	129	5.981	5.975	0.006	97	534533	200.0	216.4	
92 Ethylene Dibromide	107	6.085	6.085	0.000	98	511541	200.0	204.4	
93 n-Butyl acetate	43	6.122	6.122	0.000	99	725605	200.0	206.5	
* 94 Chlorobenzene-d5	117	6.750	6.749	0.001	86	348135	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	93	1383359	200.0	203.6	
96 1,1,1,2-Tetrachloroethane	131	6.939	6.938	0.001	96	480392	200.0	210.3	
97 Ethylbenzene	106	7.000	6.993	0.007	98	739390	200.0	201.5	
98 m-Xylene & p-Xylene	106	7.182	7.176	0.006	0	877722	200.0	198.1	
99 o-Xylene	106	7.749	7.743	0.006	93	831640	200.0	194.8	
100 Styrene	104	7.780	7.774	0.006	92	1396184	200.0	201.6	
101 n-Butyl acrylate	73	7.871	7.871	0.000	97	361057	200.0	210.6	
102 Bromoform	173	7.993	7.987	0.006	93	308966	200.0	221.6	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	90	764227	200.0	207.2	
104 Isopropylbenzene	105	8.347	8.347	0.000	96	2050935	200.0	193.0	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	84	120410	50.0	49.7	
106 Bromobenzene	156	8.707	8.706	0.001	96	486888	200.0	206.8	
108 1,2,3-Trichloropropane	110	8.871	8.865	0.006	83	162083	200.0	222.1	
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	95	614742	200.0	208.2	
109 trans-1,4-Dichloro-2-butene	53	8.963	8.956	0.007	94	165036	200.0	221.9	
110 N-Propylbenzene	91	8.999	8.999	0.000	98	2599239	200.0	196.3	
111 2-Chlorotoluene	91	9.060	9.054	0.006	96	1377743	200.0	187.8	
112 4-Ethyltoluene	105	9.200	9.194	0.006	98	1863462	200.0	191.3	
113 4-Chlorotoluene	91	9.249	9.243	0.006	98	1522670	200.0	190.2	
114 1,3,5-Trimethylbenzene	105	9.316	9.310	0.006	92	1482718	200.0	194.6	
115 Butyl Methacrylate	87	9.627	9.627	0.000	88	596814	200.0	219.0	
116 tert-Butylbenzene	119	9.816	9.816	0.000	89	1226234	200.0	193.8	
117 1,2,4-Trimethylbenzene	105	9.901	9.895	0.006	98	1490296	200.0	193.6	
118 sec-Butylbenzene	105	10.182	10.182	0.000	99	1813589	200.0	192.3	
119 1,3-Dichlorobenzene	146	10.261	10.255	0.006	94	807784	200.0	198.9	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	97	145928	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	93	824525	200.0	198.4	
122 4-Isopropyltoluene	119	10.468	10.462	0.006	92	1417637	200.0	197.6	
123 1,2,3-Trimethylbenzene	105	10.566	10.560	0.006	99	1452735	200.0	194.1	
124 Benzyl chloride	91	10.688	10.688	0.000	98	919895	200.0	224.1	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	90	1434818	200.0	197.2	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	93	766693	200.0	207.8	
127 p-Diethylbenzene	119	11.115	11.108	0.007	89	697595	200.0	195.6	
128 n-Butylbenzene	92	11.145	11.139	0.006	98	742847	200.0	197.6	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	98	99794	200.0	231.4	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	96	1145633	200.0	210.1	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	91	408469	200.0	209.0	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	91	367585	200.0	219.8	
134 Naphthalene	128	13.157	13.151	0.006	99	1105066	200.0	228.5	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	54	135085	200.0	201.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	94	297912	200.0	214.8	
S 136 1,2-Dichloroethene, Total	100				0		400.0	421.0	
S 137 Xylenes, Total	100				0		400.0	392.9	
S 140 Total BTEX	1				0		1000.0	1000.5	
S 139 1,3-Dichloropropene, Total	1				0		400.0	412.8	
S 138 Total 1,2-dichloroethene	1				0			421.0	

Reagents:

ACROLEIN W_00109	Amount Added:	20.00	Units: uL	
GAS Hi_00367	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	20.00	Units: uL	
MIX I Hi_00128	Amount Added:	20.00	Units: uL	
Ethanol mix_00042	Amount Added:	20.00	Units: uL	
8FreonHi_00021	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:30:18 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37113.D

Injection Date: 03-Aug-2020 02:57:56 Instrument ID: CVOAMS15

Lims ID: STD200

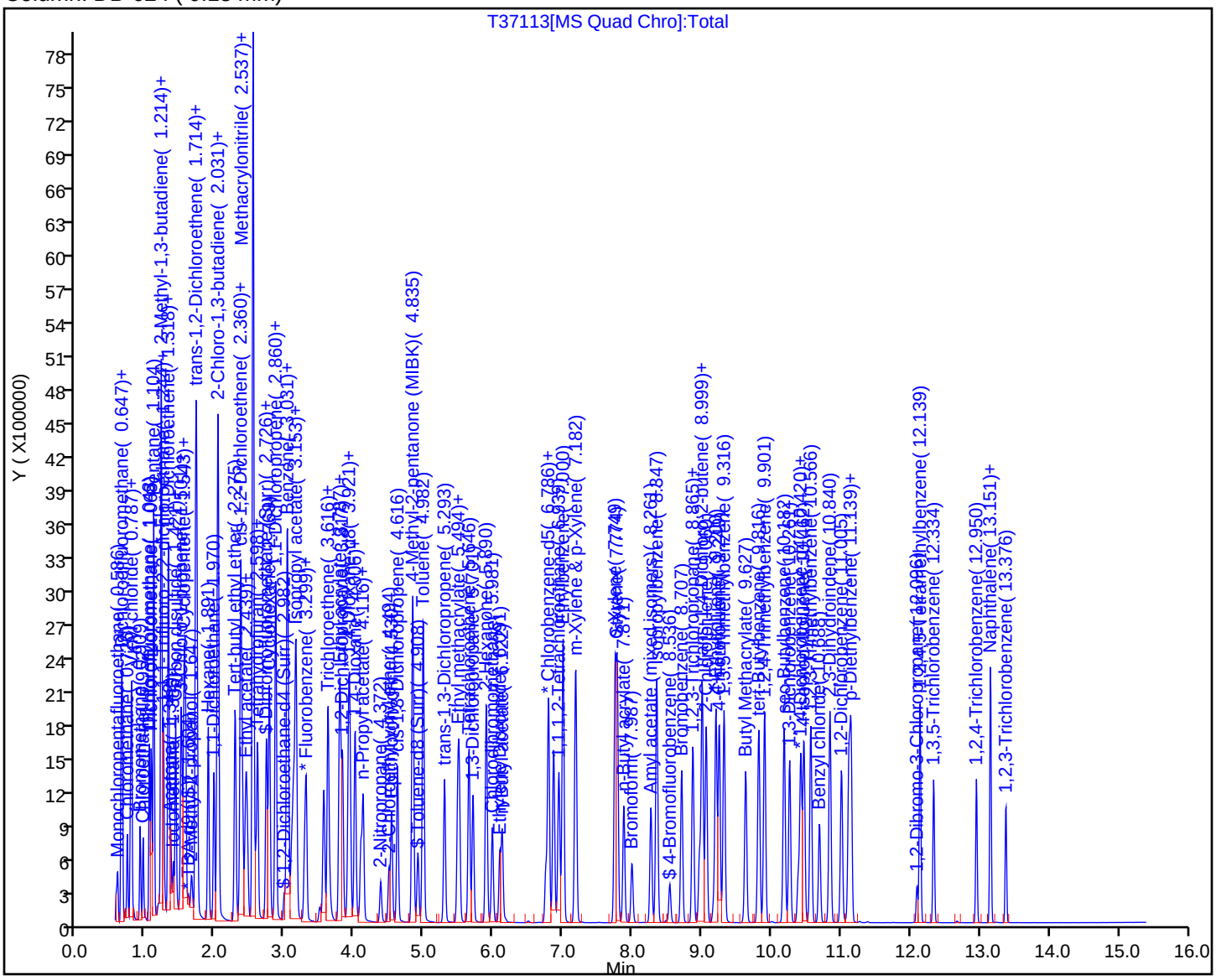
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37114.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Aug-2020 03:22:00 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0114382-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:30:31 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 07:22:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	98	192695	500.0	595.4	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	94	805931	500.0	607.3	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	67	603208	500.0	485.1	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	99	2265978	500.0	593.8	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	91	281186	500.0	566.6	
6 Chloromethane	50	0.726	0.726	0.000	99	1653229	500.0	575.7	
7 Vinyl chloride	62	0.769	0.769	0.000	98	1883858	500.0	541.8	
8 Butadiene	54	0.787	0.787	0.000	94	1713143	500.0	499.8	
9 Bromomethane	94	0.909	0.909	0.000	99	1200993	500.0	1132.2	
10 Chloroethane	64	0.952	0.952	0.000	99	1114946	500.0	539.1	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	2617807	500.0	509.4	
12 Trichlorofluoromethane	101	1.068	1.068	0.000	99	2406994	500.0	539.3	
13 Pentane	72	1.104	1.104	0.000	95	532127	1000.0	1182.1	
14 Ethanol	45	1.190	1.171	0.019	96	184750	20000	20015	M
15 Ethyl ether	59	1.214	1.208	0.006	48	1124968	500.0	553.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	85	1283482	500.0	546.2	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	82	1341227	500.0	556.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	97	2104534	500.0	518.2	
19 Acrolein	56	1.269	1.269	0.000	82	145842	400.0	406.4	
20 1,1-Dichloroethene	96	1.318	1.311	0.007	98	1329659	500.0	550.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	77	1547007	500.0	577.6	
22 Acetone	43	1.354	1.348	0.006	88	1579815	2500.0	2323.1	
23 Iodomethane	142	1.391	1.391	0.000	99	1051183	500.0	1203.8	
24 Carbon disulfide	76	1.421	1.421	0.000	98	4236736	500.0	497.0	
25 Isopropyl alcohol	45	1.440	1.427	0.013	62	703840	5000.0	4649.6	
26 Acetonitrile	40	1.501	1.494	0.007	82	765656	5000.0	4919.8	
27 3-Chloro-1-propene	76	1.501	1.500	0.001	94	768555	500.0	489.1	
28 Methyl acetate	43	1.525	1.519	0.006	98	1699570	1000.0	1011.2	
29 Cyclopentene	67	1.543	1.543	0.000	97	3343639	500.0	509.5	
30 Methylene Chloride	84	1.568	1.567	0.001	90	1441350	500.0	529.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.616	1.598	0.018	97	40143	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.659	1.647	0.012	99	1113175	5000.0	4302.5	
33 Acrylonitrile	53	1.714	1.708	0.006	94	4533316	5000.0	4707.8	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	71	1509143	500.0	534.9	
35 Methyl tert-butyl ether	73	1.732	1.726	0.006	97	3691043	500.0	524.3	
36 Hexane	57	1.891	1.891	0.000	91	1787448	500.0	542.4	
37 1,1-Dichloroethane	63	1.976	1.970	0.006	100	2468603	500.0	499.9	
38 Vinyl acetate	86	2.025	2.019	0.006	99	582324	1000.0	999.5	
40 Isopropyl ether	45	2.037	2.031	0.006	81	4109375	500.0	495.7	
39 2-Chloro-1,3-butadiene	88	2.037	2.031	0.006	73	1433228	500.0	537.2	
41 Tert-butyl ethyl ether	59	2.281	2.275	0.006	89	3856634	500.0	510.2	
* 42 2-Butanone-d5	46	2.348	2.336	0.012	39	262633	250.0	250.0	
44 2,2-Dichloropropane	97	2.360	2.354	0.006	75	479026	500.0	517.9	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	94	1597746	500.0	534.3	
45 2-Butanone (MEK)	43	2.391	2.378	0.013	99	2565942	2500.0	2304.2	
46 Propionitrile	54	2.433	2.421	0.012	98	1609289	5000.0	4559.6	a
47 Ethyl acetate	70	2.445	2.439	0.006	100	255858	1000.0	1109.2	
48 Methyl acrylate	55	2.464	2.458	0.006	96	1422920	500.0	540.2	
50 Methacrylonitrile	67	2.549	2.531	0.018	88	5358541	5000.0	5070.3	
49 Chlorobromomethane	128	2.537	2.531	0.006	56	693030	500.0	532.1	
51 Tetrahydrofuran	72	2.580	2.573	0.007	86	321549	1000.0	1081.7	
52 Chloroform	83	2.604	2.598	0.006	100	2409608	500.0	508.8	
$ 53 Dibromofluoromethane (Surr)	113	2.726	2.720	0.006	33	137306	50.0	51.5	
54 1,1,1-Trichloroethane	97	2.732	2.726	0.006	96	2191544	500.0	536.4	
55 Cyclohexane	84	2.775	2.768	0.007	89	2081210	500.0	547.3	
57 1,1-Dichloropropene	75	2.866	2.860	0.006	97	2126616	500.0	521.1	
56 Carbon tetrachloride	117	2.860	2.860	0.000	93	1941357	500.0	562.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.988	2.982	0.006	92	141718	50.0	48.8	
59 Isobutyl alcohol	43	3.031	3.018	0.013	41	1164380	12500	12842	
60 Benzene	78	3.031	3.025	0.006	97	5574953	500.0	512.1	
61 1,2-Dichloroethane	62	3.049	3.043	0.006	64	1681561	500.0	481.6	
62 Isooctane	57	3.122	3.116	0.006	98	2971776	500.0	513.8	
63 Isopropyl acetate	61	3.153	3.146	0.007	93	484973	500.0	526.7	
64 Tert-amyl methyl ether	73	3.159	3.153	0.006	76	3648004	500.0	513.7	
* 65 Fluorobenzene	96	3.281	3.274	0.007	96	482824	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	90	1191937	500.0	478.9	
67 Trichloroethene	95	3.616	3.610	0.006	97	1531850	500.0	543.0	
68 n-Butanol	56	3.646	3.634	0.012	85	801335	12500	13641	
69 Ethyl acrylate	55	3.787	3.774	0.013	96	3144956	500.0	535.1	
70 Methylcyclohexane	83	3.793	3.787	0.006	80	2107329	500.0	553.2	
71 1,2-Dichloropropane	63	3.829	3.823	0.006	92	1402500	500.0	500.8	
72 Dibromomethane	93	3.939	3.933	0.006	57	842546	500.0	489.7	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	81	33705	1000.0	1000.0	
74 1,4-Dioxane	88	4.000	3.994	0.006	32	281935	10000	8956.8	
75 Methyl methacrylate	100	4.012	4.000	0.012	86	657897	1000.0	1047.9	
76 n-Propyl acetate	43	4.092	4.085	0.007	97	1624263	500.0	498.6	
77 Dichlorobromomethane	83	4.122	4.116	0.006	99	1873480	500.0	541.3	
78 2-Nitropropane	41	4.378	4.372	0.006	96	483519	1000.0	1077.5	
79 2-Chloroethyl vinyl ether	63	4.500	4.488	0.012	95	664290	501.2	481.5	
80 Epichlorohydrin	57	4.537	4.524	0.013	99	2195167	10000	10117	
81 cis-1,3-Dichloropropene	75	4.622	4.610	0.012	90	2208324	500.0	506.6	
82 4-Methyl-2-pentanone (MIBK)	43	4.841	4.829	0.012	95	5122548	2500.0	2516.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.915	4.908	0.007	98	444627	50.0	48.8	
84 Toluene	91	4.988	4.982	0.006	93	5497301	500.0	493.6	
85 trans-1,3-Dichloropropene	75	5.299	5.292	0.007	95	1945575	500.0	511.0	
86 Ethyl methacrylate	69	5.488	5.481	0.007	87	1615255	500.0	532.6	
87 1,1,2-Trichloroethane	83	5.506	5.500	0.006	91	982256	500.0	502.1	
88 Tetrachloroethene	166	5.646	5.640	0.006	93	1300589	500.0	540.3	
89 1,3-Dichloropropane	76	5.707	5.701	0.006	90	1907875	500.0	478.5	
90 2-Hexanone	43	5.902	5.890	0.012	95	3515373	2500.0	2520.5	
91 Chlorodibromomethane	129	5.988	5.975	0.013	97	1296906	500.0	550.1	
92 Ethylene Dibromide	107	6.091	6.085	0.006	98	1202651	500.0	503.5	
93 n-Butyl acetate	43	6.128	6.122	0.006	99	1632936	500.0	486.8	
* 94 Chlorobenzene-d5	117	6.756	6.749	0.007	85	332342	50.0	50.0	
95 Chlorobenzene	112	6.792	6.786	0.006	93	3320228	500.0	512.0	
96 1,1,1,2-Tetrachloroethane	131	6.945	6.938	0.007	97	1164373	500.0	533.9	
97 Ethylbenzene	106	7.006	6.993	0.013	98	1766610	500.0	504.2	
98 m-Xylene & p-Xylene	106	7.182	7.176	0.006	0	2121064	500.0	501.6	
99 o-Xylene	106	7.755	7.743	0.012	93	2033495	500.0	498.9	
100 Styrene	104	7.786	7.774	0.012	92	3391046	500.0	513.0	
101 n-Butyl acrylate	73	7.877	7.871	0.006	98	867504	500.0	530.1	
102 Bromoform	173	7.993	7.987	0.006	93	778460	500.0	584.9	
103 Amyl acetate (mixed isomers)	43	8.268	8.261	0.007	91	1786897	500.0	474.9	
104 Isopropylbenzene	105	8.353	8.347	0.006	96	4983158	500.0	491.1	
$ 105 4-Bromofluorobenzene	174	8.542	8.536	0.006	84	116549	50.0	50.4	
106 Bromobenzene	156	8.713	8.706	0.007	97	1222692	500.0	509.0	
108 1,2,3-Trichloropropane	110	8.871	8.865	0.006	82	394413	500.0	529.8	
107 1,1,2,2-Tetrachloroethane	83	8.871	8.865	0.006	96	1489122	500.0	494.2	
109 trans-1,4-Dichloro-2-butene	53	8.969	8.956	0.013	95	396165	500.0	522.1	
110 N-Propylbenzene	91	9.011	8.999	0.012	98	6335573	500.0	468.9	
111 2-Chlorotoluene	91	9.066	9.054	0.012	96	3390799	500.0	453.0	
112 4-Ethyltoluene	105	9.206	9.194	0.012	98	4625075	500.0	465.3	
113 4-Chlorotoluene	91	9.255	9.243	0.012	98	4112582	500.0	503.5	
114 1,3,5-Trimethylbenzene	105	9.322	9.310	0.012	92	3720651	500.0	478.6	
115 Butyl Methacrylate	87	9.633	9.627	0.006	87	1534061	500.0	551.7	
116 tert-Butylbenzene	119	9.822	9.816	0.006	90	3089891	500.0	478.6	
117 1,2,4-Trimethylbenzene	105	9.908	9.895	0.013	98	3792581	500.0	482.7	
118 sec-Butylbenzene	105	10.188	10.182	0.006	99	4580537	500.0	476.1	
119 1,3-Dichlorobenzene	146	10.267	10.255	0.012	94	2069299	500.0	499.3	
* 120 1,4-Dichlorobenzene-d4	152	10.389	10.383	0.006	96	148897	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.426	10.420	0.006	93	2122003	500.0	500.4	
122 4-Isopropyltoluene	119	10.474	10.462	0.012	94	3647343	500.0	498.3	
123 1,2,3-Trimethylbenzene	105	10.572	10.560	0.012	99	3683804	500.0	482.3	
124 Benzyl chloride	91	10.694	10.688	0.006	98	2358417	500.0	563.1	
125 2,3-Dihydroindene	117	10.846	10.840	0.006	90	3682192	500.0	496.0	
126 1,2-Dichlorobenzene	146	11.011	11.005	0.006	94	1998738	500.0	530.9	
127 p-Diethylbenzene	119	11.121	11.108	0.013	88	1812584	500.0	498.0	a
128 n-Butylbenzene	92	11.151	11.139	0.012	98	1914373	500.0	499.1	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	98	259946	500.0	590.8	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	96	3009819	500.0	541.1	
131 1,3,5-Trichlorobenzene	180	12.340	12.334	0.006	96	1069904	500.0	536.5	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	91	977787	500.0	573.0	
134 Naphthalene	128	13.157	13.151	0.006	99	2831945	500.0	573.9	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	57	361447	500.0	499.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	93	780791	500.0	551.7	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1069.2	
S 137 Xylenes, Total	100				0		1000.0	1000.5	
S 140 Total BTEX	1				0		2500.0	2510.4	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1017.6	
S 138 Total 1,2-dichloroethene	1				0			1069.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

Ethanol mix_00042	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	50.00	Units: uL	
MIX I Hi_00128	Amount Added:	50.00	Units: uL	
GAS Hi_00367	Amount Added:	50.00	Units: uL	
8FreonHi_00021	Amount Added:	50.00	Units: uL	
ACROLEIN W_00109	Amount Added:	40.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:30:35 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37114.D

Injection Date: 03-Aug-2020 03:22:00 Instrument ID: CVOAMS15

Lims ID: STD500

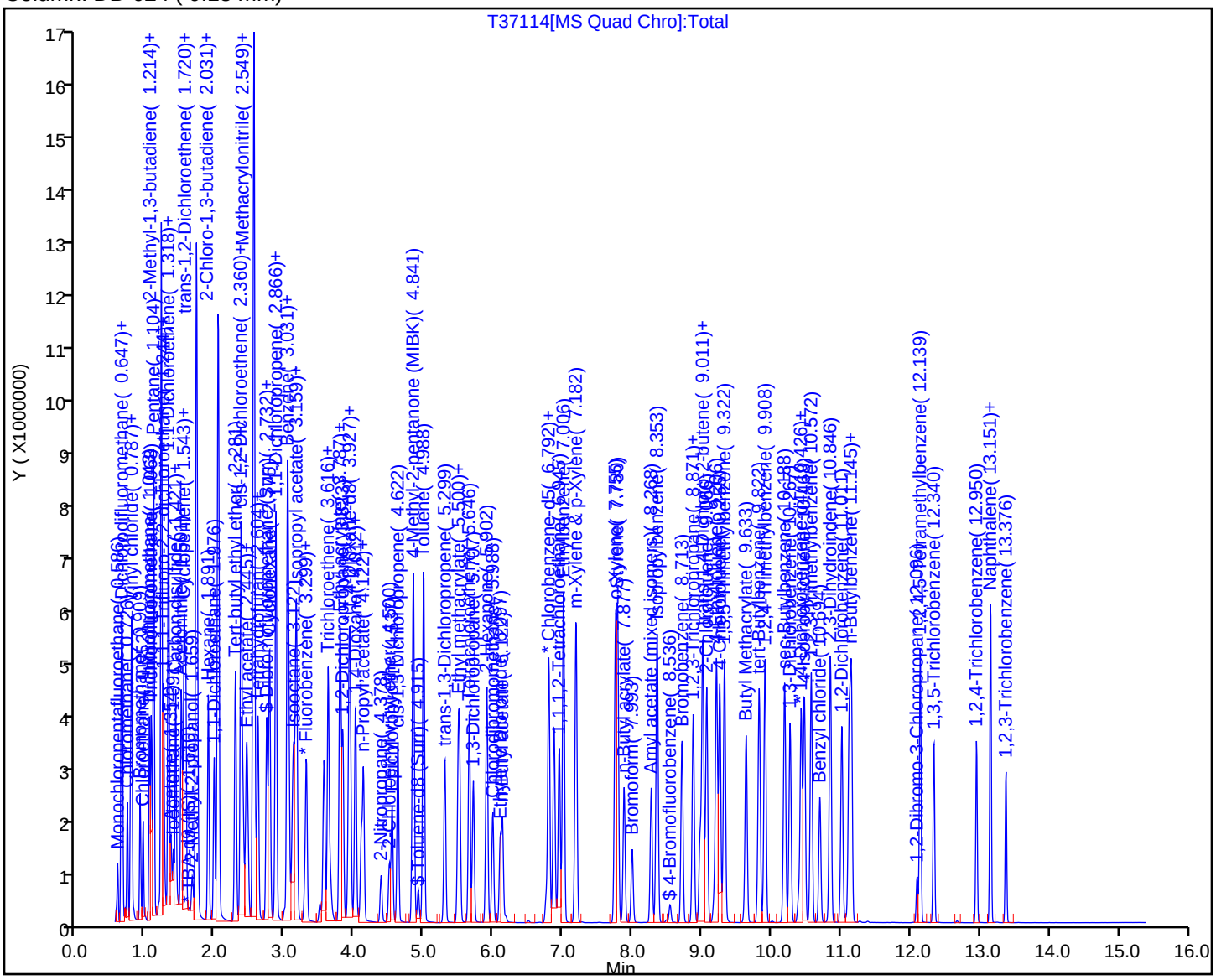
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

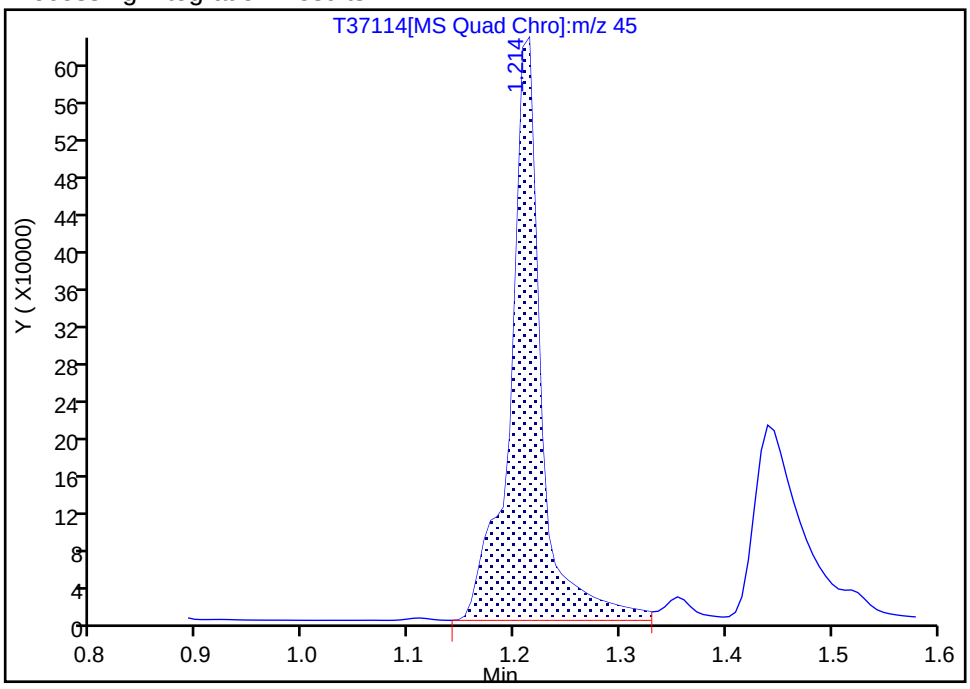
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37114.D
Injection Date: 03-Aug-2020 03:22:00 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

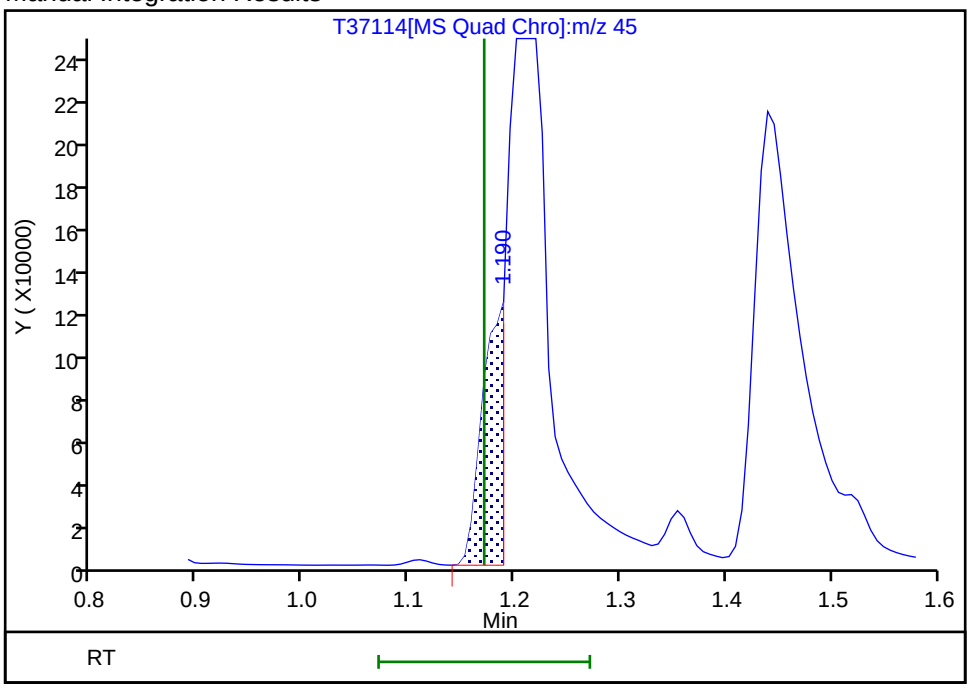
Processing Integration Results

RT: 1.21
Area: 1273832
Amount: 20020
Amount Units: ug/l



Manual Integration Results

RT: 1.19
Area: 184750
Amount: 20015
Amount Units: ug/l



Reviewer: baronm, 03-Aug-2020 19:43:56
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

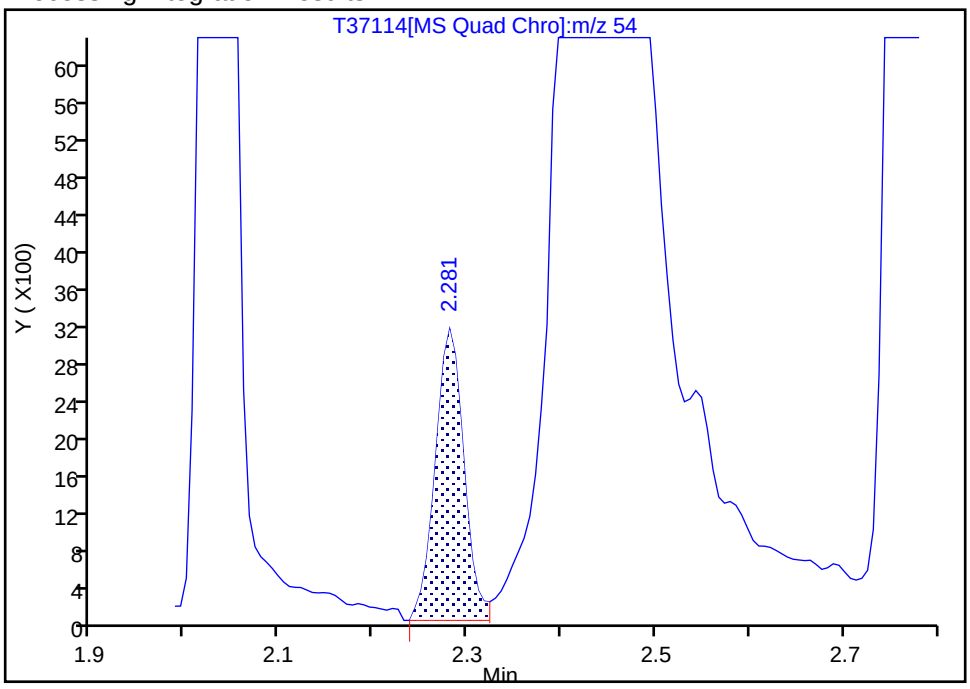
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37114.D
Injection Date: 03-Aug-2020 03:22:00 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

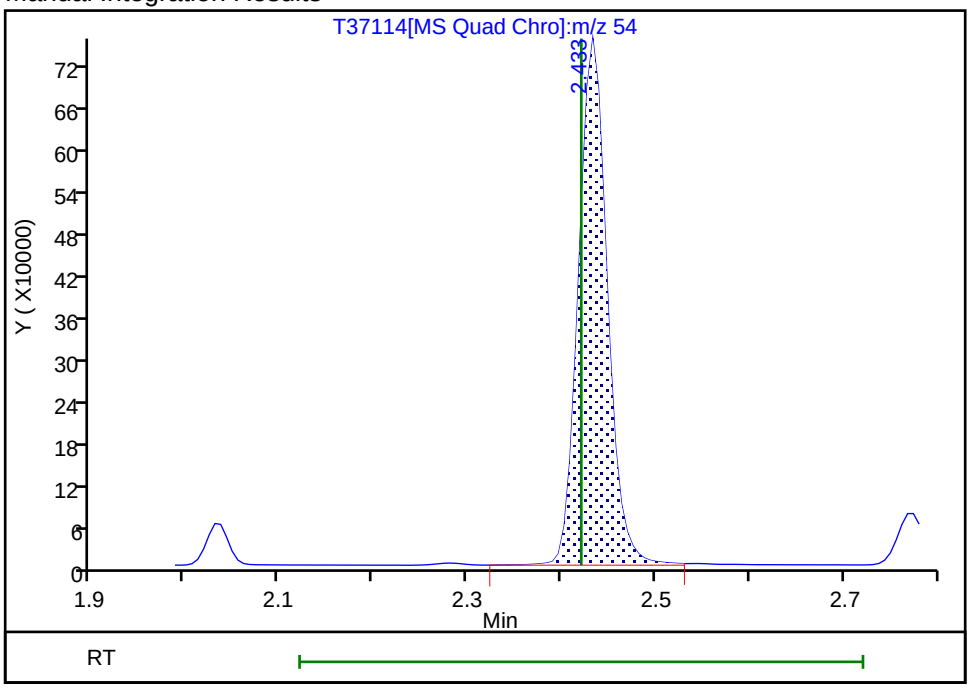
Processing Integration Results

RT: 2.28
Area: 6636
Amount: 23.609233
Amount Units: ug/l



Manual Integration Results

RT: 2.43
Area: 1609289
Amount: 4559.5944
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:21:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

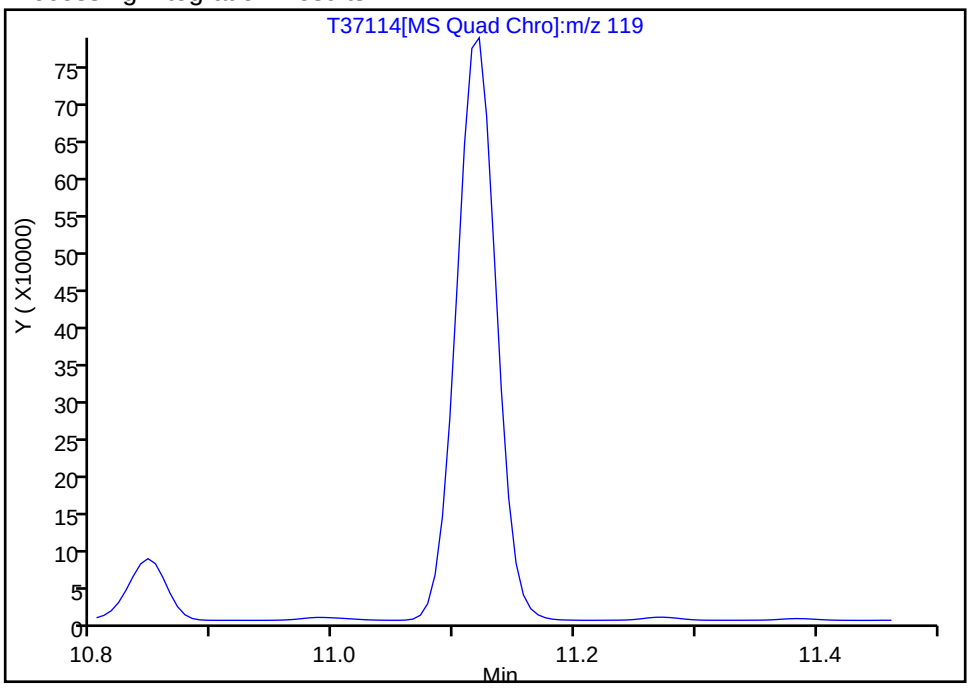
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37114.D
Injection Date: 03-Aug-2020 03:22:00 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

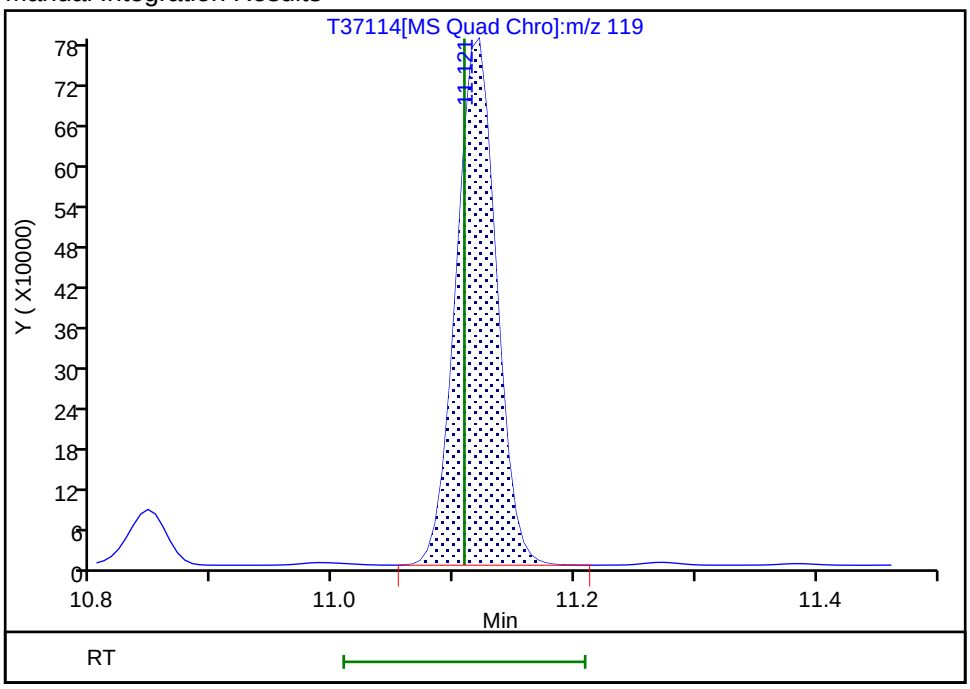
Not Detected
Expected RT: 11.11

Processing Integration Results



Manual Integration Results

RT: 11.12
Area: 1812584
Amount: 497.9855
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:22:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Aug-2020 06:35:14 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0114382-018
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:30:48 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 06:52:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	1	337	1.00	0.9592	a
2 1,1-Difluoroethane	65	0.635	0.635	0.000	76	1161	1.00	0.8059	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	16	660	1.00	0.9635	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	82	3500	1.00	0.8450	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	66	500	1.00	0.9282	
6 Chloromethane	50	0.726	0.726	0.000	83	3100	1.00	0.99	
7 Vinyl chloride	62	0.769	0.769	0.000	51	3117	1.00	0.8258	
8 Butadiene	54	0.787	0.787	0.000	91	2647	1.00	0.7700	
9 Bromomethane	94	0.909	0.909	0.000	84	1146	1.00	0.9869	
10 Chloroethane	64	0.952	0.952	0.000	62	1947	1.00	0.8600	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	82	4597	1.00	0.8240	
12 Trichlorofluoromethane	101	1.068	1.068	0.000	91	4574	1.00	0.9441	
13 Pentane	72	1.110	1.104	0.006	94	901	2.00	1.84	
14 Ethanol	45	1.165	1.171	-0.006	63	888	40.0	74.8	
15 Ethyl ether	59	1.208	1.208	0.000	46	1799	1.00	0.8150	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	74	2291	1.00	0.8763	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	57	2236	1.00	0.8766	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	76	4012	1.00	0.9100	
19 Acrolein	56	1.269	1.269	0.000	36	1299	4.00	3.83	
20 1,1-Dichloroethene	96	1.311	1.311	0.000	82	2187	1.00	0.8342	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	51	2394	1.00	0.8234	
22 Acetone	43	1.348	1.348	0.000	71	3262	5.00	4.38	
23 Iodomethane	142	1.391	1.391	0.000	54	294	1.00	0.3102	
24 Carbon disulfide	76	1.421	1.421	0.000	98	8923	1.00	0.9643	
25 Isopropyl alcohol	45	1.427	1.427	0.000	4	1279	10.0	8.93	
26 Acetonitrile	40	1.494	1.494	0.000	80	1491	10.0	8.75	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	84	1537	1.00	0.9010	
28 Methyl acetate	43	1.519	1.519	0.000	92	2997	2.00	1.64	
29 Cyclopentene	67	1.543	1.543	0.000	84	6178	1.00	0.8672	
30 Methylene Chloride	84	1.567	1.567	0.000	74	2617	1.00	0.8864	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	94	37985	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	31	2997	10.0	12.2	
33 Acrylonitrile	53	1.708	1.708	0.000	96	7954	10.0	7.61	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	81	2795	1.00	0.9126	
35 Methyl tert-butyl ether	73	1.726	1.726	0.000	94	6613	1.00	0.8654	
36 Hexane	57	1.891	1.891	0.000	91	3171	1.00	0.8865	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	72	4933	1.00	0.9202	
38 Vinyl acetate	86	2.019	2.019	0.000	99	730	2.00	1.85	
40 Isopropyl ether	45	2.031	2.031	0.000	73	7442	1.00	0.8270	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	51	2528	1.00	0.8729	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	76	6661	1.00	0.8118	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	60	287502	250.0	250.0	
44 2,2-Dichloropropane	97	2.354	2.354	0.000	43	863	1.00	0.8595	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	30	3133	1.00	0.9651	
45 2-Butanone (MEK)	43	2.384	2.378	0.006	72	5426	5.00	4.45	
46 Propionitrile	54	2.421	2.421	0.000	78	3307	10.0	9.90	
47 Ethyl acetate	70	2.439	2.439	0.000	85	399	2.00	1.58	
48 Methyl acrylate	55	2.458	2.458	0.000	45	2032	1.00	0.7106	
50 Methacrylonitrile	67	2.531	2.531	0.000	89	9759	10.0	8.51	
49 Chlorobromomethane	128	2.531	2.531	0.000	35	1387	1.00	0.9810	
51 Tetrahydrofuran	72	2.573	2.573	0.000	72	501	2.00	1.54	
52 Chloroform	83	2.598	2.598	0.000	76	4721	1.00	0.9183	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	95	145770	50.0	50.3	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	12	3876	1.00	0.8740	
55 Cyclohexane	84	2.768	2.768	0.000	75	3715	1.00	0.9000	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	78	3762	1.00	0.8492	
56 Carbon tetrachloride	117	2.854	2.860	-0.006	75	3527	1.00	0.9413	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	99	162150	50.0	51.5	
59 Isobutyl alcohol	43	3.018	3.018	0.000	15	1801	25.0	21.0	
60 Benzene	78	3.025	3.025	0.000	95	10646	1.00	0.8950	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	49	3820	1.00	1.01	
62 Isooctane	57	3.116	3.116	0.000	85	5812	1.00	0.9257	
63 Isopropyl acetate	61	3.146	3.146	0.000	88	822	1.00	0.8224	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	76	6675	1.00	0.8659	
* 65 Fluorobenzene	96	3.274	3.274	0.000	98	524116	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	33	2677	1.00	0.99	a
67 Trichloroethene	95	3.610	3.610	0.000	69	2490	1.00	0.8131	
68 n-Butanol	56	3.652	3.634	0.018	42	1136	25.0	20.4	
69 Ethyl acrylate	55	3.780	3.774	0.006	71	5459	1.00	0.8557	
70 Methylcyclohexane	83	3.787	3.787	0.000	71	3644	1.00	0.8813	
71 1,2-Dichloropropane	63	3.823	3.823	0.000	62	2782	1.00	0.9150	
72 Dibromomethane	93	3.933	3.933	0.000	20	1689	1.00	0.9043	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	14	27196	1000.0	1000.0	
74 1,4-Dioxane	88	3.988	3.994	-0.006	4	1153	50.0	45.4	
75 Methyl methacrylate	100	4.006	4.000	0.006	70	1150	2.00	1.69	
76 n-Propyl acetate	43	4.085	4.085	0.000	87	2858	1.00	0.8082	
77 Dichlorobromomethane	83	4.116	4.116	0.000	62	3245	1.00	0.8637	
78 2-Nitropropane	41	4.366	4.372	-0.006	72	837	2.00	1.72	
79 2-Chloroethyl vinyl ether	63	4.494	4.488	0.006	7	675	1.00	0.9133	Ma
80 Epichlorohydrin	57	4.524	4.524	0.000	55	3982	20.0	16.8	
81 cis-1,3-Dichloropropene	75	4.616	4.610	0.006	60	4376	1.00	0.9188	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	85	9436	5.00	4.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	495641	50.0	49.8	
84 Toluene	91	4.981	4.982	-0.001	87	11260	1.00	0.9253	
85 trans-1,3-Dichloropropene	75	5.292	5.292	0.000	64	4043	1.00	0.9718	
86 Ethyl methacrylate	69	5.481	5.481	0.000	45	2828	1.00	0.8534	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	49	1874	1.00	0.8768	
88 Tetrachloroethene	166	5.640	5.640	0.000	64	2269	1.00	0.8628	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	57	4084	1.00	0.9375	
90 2-Hexanone	43	5.890	5.890	0.000	86	6655	5.00	4.36	
91 Chlorodibromomethane	129	5.975	5.975	0.000	41	2379	1.00	0.9235	
92 Ethylene Dibromide	107	6.085	6.085	0.000	47	2493	1.00	0.9552	
93 n-Butyl acetate	43	6.122	6.122	0.000	69	2941	1.00	0.8025	
* 94 Chlorobenzene-d5	117	6.749	6.749	0.000	86	363126	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	43	6309	1.00	0.8904	
96 1,1,1,2-Tetrachloroethane	131	6.938	6.938	0.000	60	2188	1.00	0.9182	
97 Ethylbenzene	106	6.993	6.993	0.000	72	3396	1.00	0.8871	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	4151	1.00	0.8984	
99 o-Xylene	106	7.743	7.743	0.000	78	3981	1.00	0.8940	
100 Styrene	104	7.780	7.774	0.006	81	6319	1.00	0.8749	
101 n-Butyl acrylate	73	7.877	7.871	0.006	64	1386	1.00	0.7751	
102 Bromoform	173	7.993	7.987	0.006	45	1150	1.00	0.7908	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	62	3223	1.00	0.8230	
104 Isopropylbenzene	105	8.347	8.347	0.000	65	9821	1.00	0.8858	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	84	132052	50.0	52.3	
106 Bromobenzene	156	8.706	8.706	0.000	74	2260	1.00	0.9039	
108 1,2,3-Trichloropropane	110	8.871	8.865	0.006	50	633	1.00	0.8170	
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	21	2774	1.00	0.8845	
109 trans-1,4-Dichloro-2-butene	53	8.962	8.956	0.006	11	481	1.00	0.6091	
110 N-Propylbenzene	91	8.999	8.999	0.000	85	12554	1.00	0.8927	
111 2-Chlorotoluene	91	9.054	9.054	0.000	49	7204	1.00	0.9248	
112 4-Ethyltoluene	105	9.194	9.194	0.000	67	9274	1.00	0.8964	
113 4-Chlorotoluene	91	9.243	9.243	0.000	66	7448	1.00	0.8761	
114 1,3,5-Trimethylbenzene	105	9.316	9.310	0.006	72	7797	1.00	0.9636	
115 Butyl Methacrylate	87	9.621	9.627	-0.006	53	2292	1.00	0.7920	
116 tert-Butylbenzene	119	9.816	9.816	0.000	63	6213	1.00	0.9246	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	61	7978	1.00	0.9757	
118 sec-Butylbenzene	105	10.176	10.182	-0.006	70	9429	1.00	0.9416	
119 1,3-Dichlorobenzene	146	10.255	10.255	0.000	59	4170	1.00	0.9667	a
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	97	154960	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	39	4438	1.00	1.01	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	46	7221	1.00	0.9479	
123 1,2,3-Trimethylbenzene	105	10.566	10.560	0.006	70	7493	1.00	0.9426	
124 Benzyl chloride	91	10.688	10.688	0.000	48	3471	1.00	0.7963	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	69	6953	1.00	0.8999	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	57	3600	1.00	0.9189	
127 p-Diethylbenzene	119	11.108	11.108	0.000	66	3486	1.00	0.9203	
128 n-Butylbenzene	92	11.139	11.139	0.000	76	3801	1.00	0.9522	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	1	347	1.00	0.7578	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	69	5472	1.00	0.9452	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	46	2209	1.00	1.06	
132 1,2,4-Trichlorobenzene	180	12.956	12.950	0.006	24	1754	1.00	0.9877	
134 Naphthalene	128	13.151	13.151	0.000	63	4466	1.00	0.8696	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	34	1505	1.00	2.20	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	35	1561	1.00	1.06	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.88	
S 137 Xylenes, Total	100				0		2.00	1.79	
S 140 Total BTEX	1				0		5.00	4.50	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.89	
S 138 Total 1,2-dichloroethene	1				0			1.88	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00109	Amount Added:	4.00	Units: uL	
GASES Li_00379	Amount Added:	10.00	Units: uL	
524freon_00025	Amount Added:	10.00	Units: uL	
14DIOXINTER_00117	Amount Added:	30.00	Units: uL	
8260MIX1COMB_00122	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:30:51 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Injection Date: 03-Aug-2020 06:35:14 Instrument ID: CVOAMS15

Lims ID: STD1

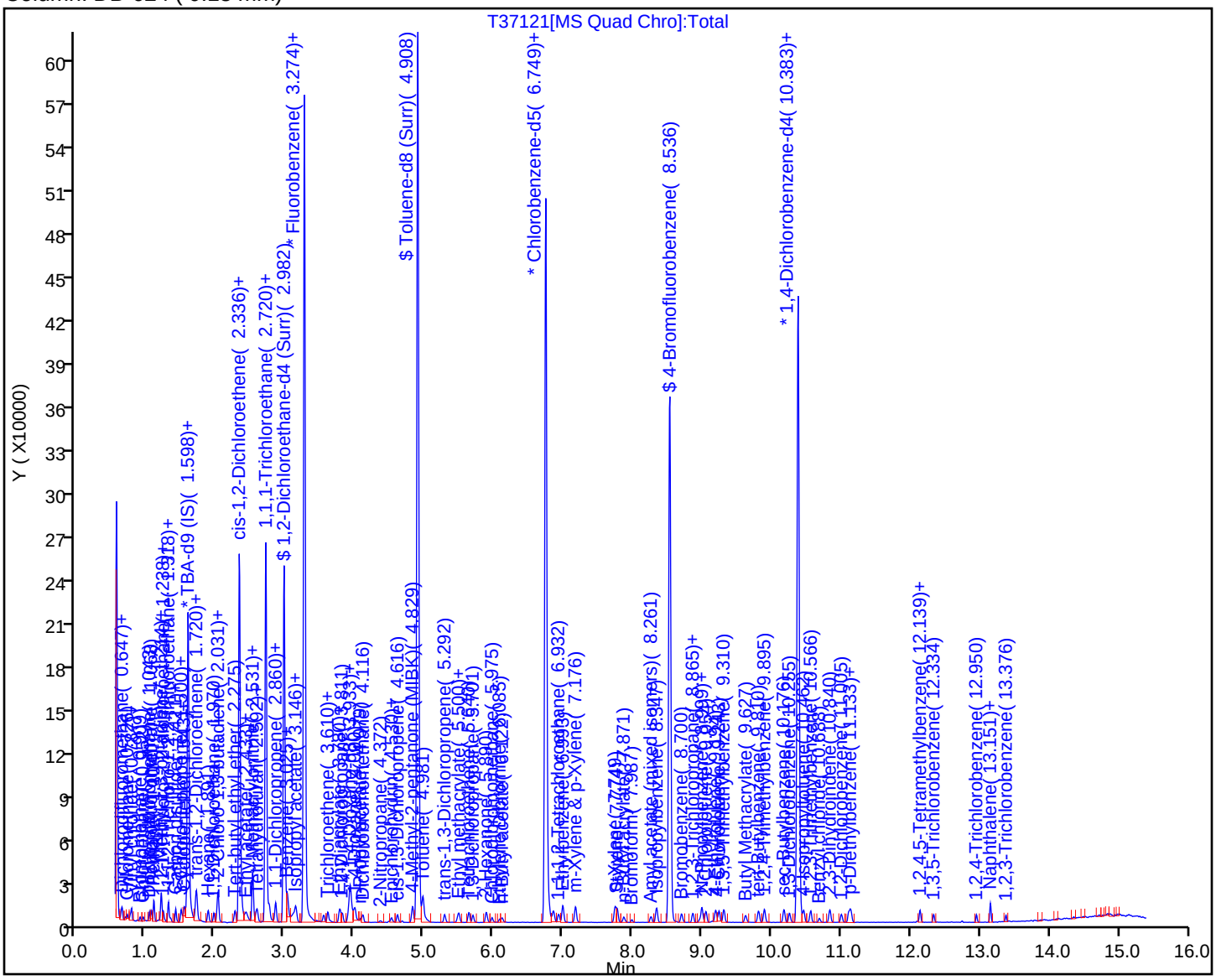
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

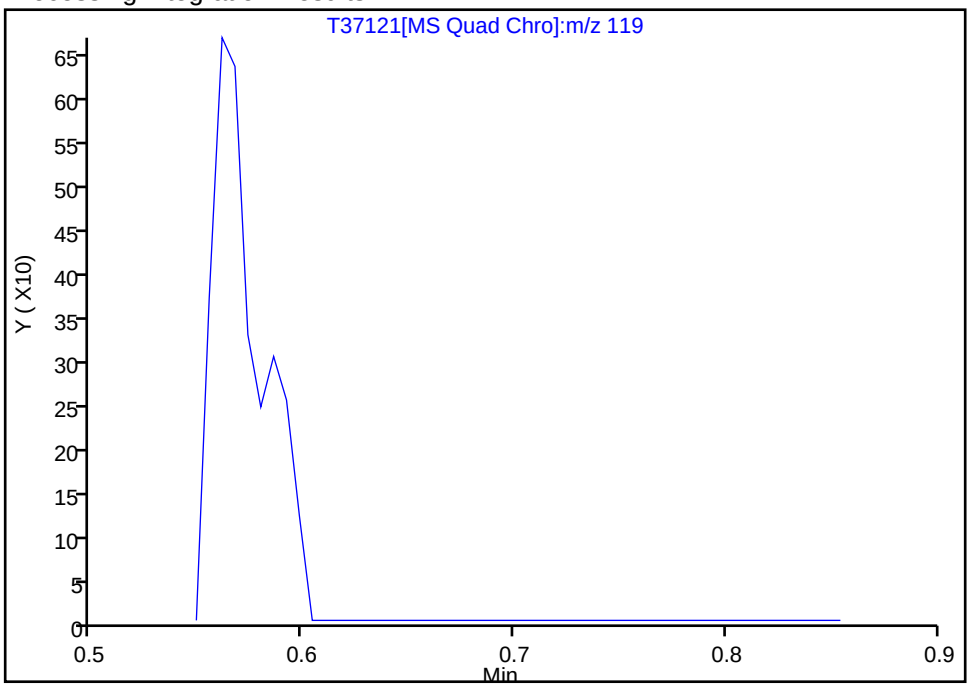
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D
Injection Date: 03-Aug-2020 06:35:14 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

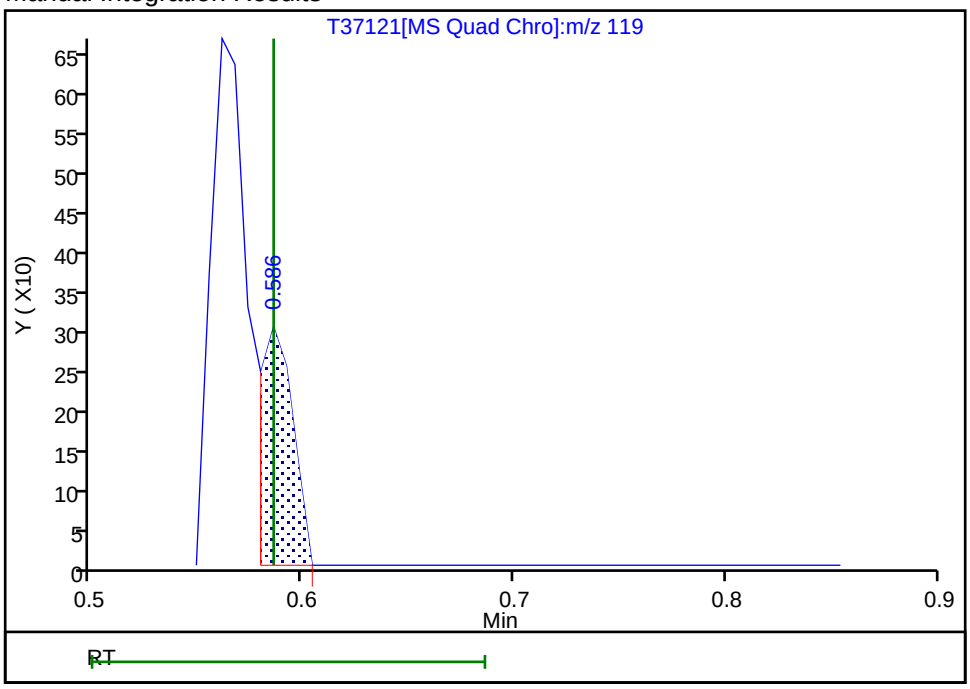
Not Detected
Expected RT: 0.59

Processing Integration Results



Manual Integration Results

RT: 0.59
Area: 337
Amount: 0.959180
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:23:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

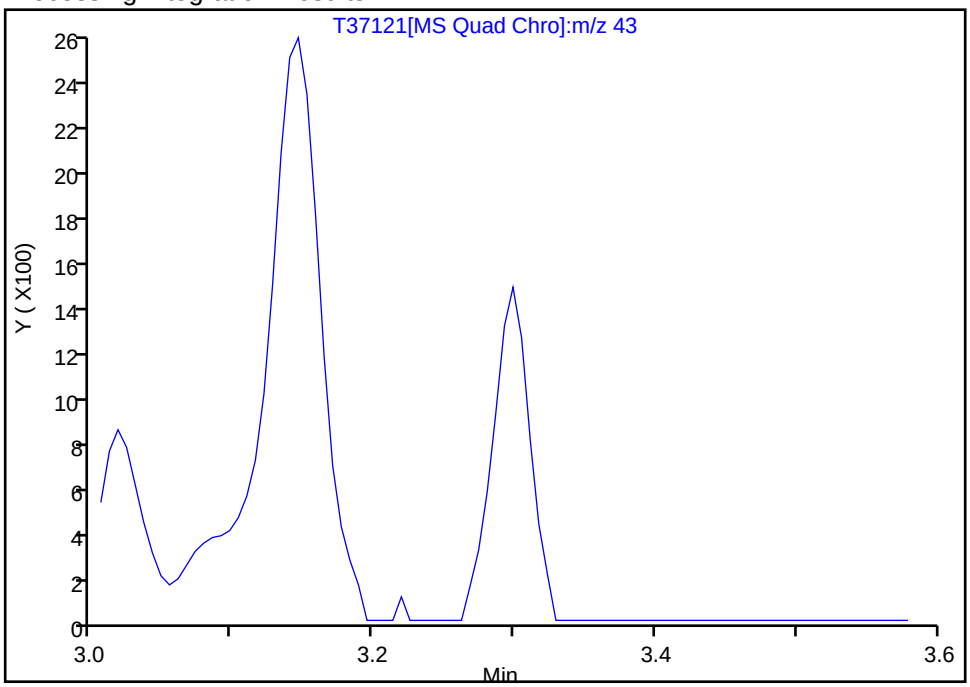
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D
Injection Date: 03-Aug-2020 06:35:14 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

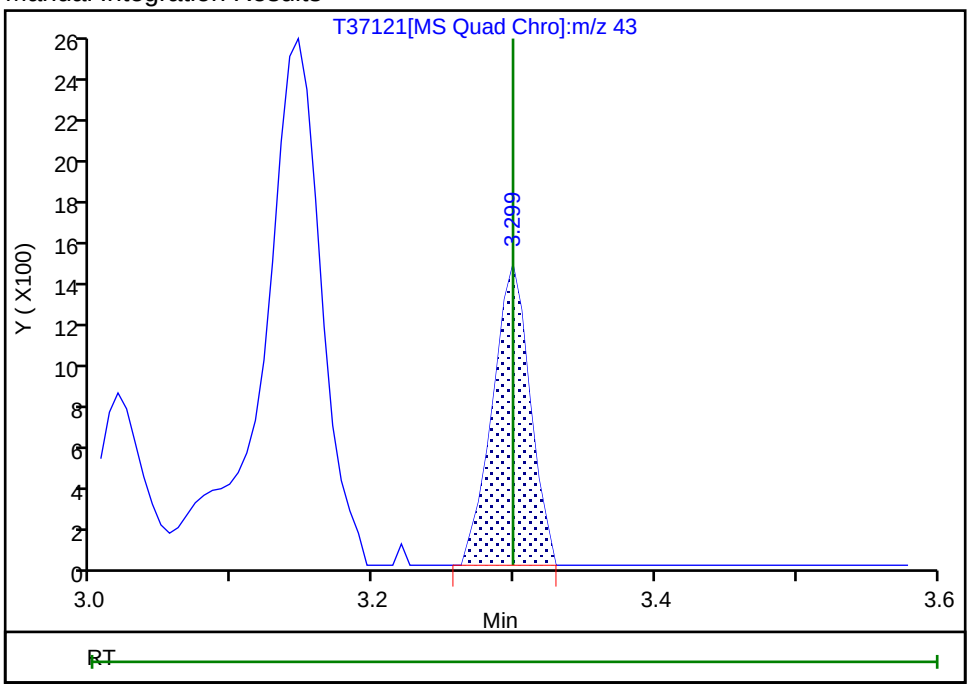
Not Detected
Expected RT: 3.30

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 2677
Amount: 0.990813
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:23:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

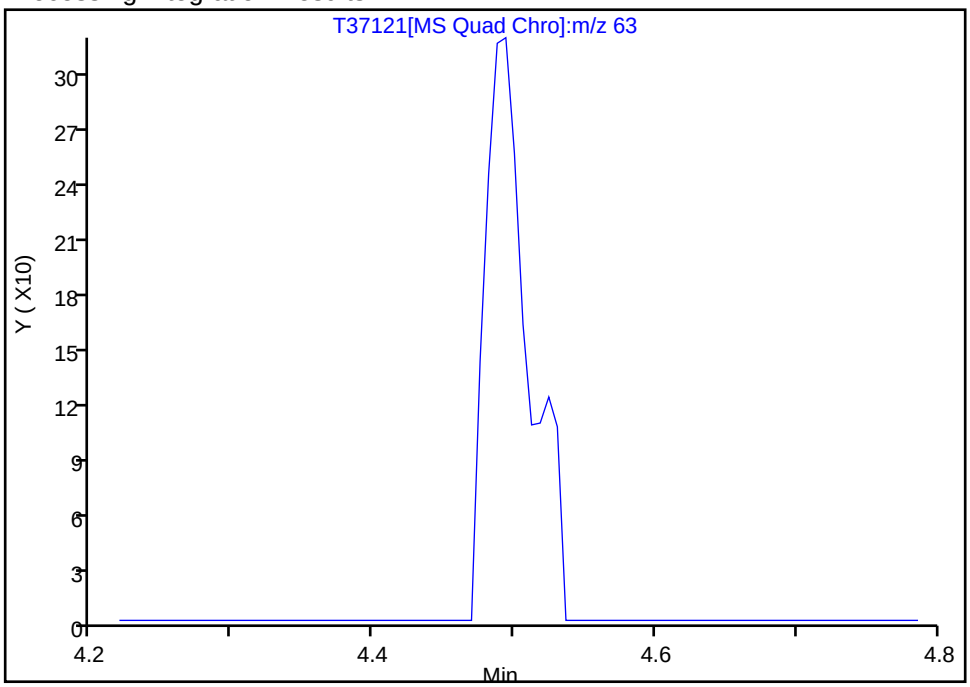
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D
Injection Date: 03-Aug-2020 06:35:14 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

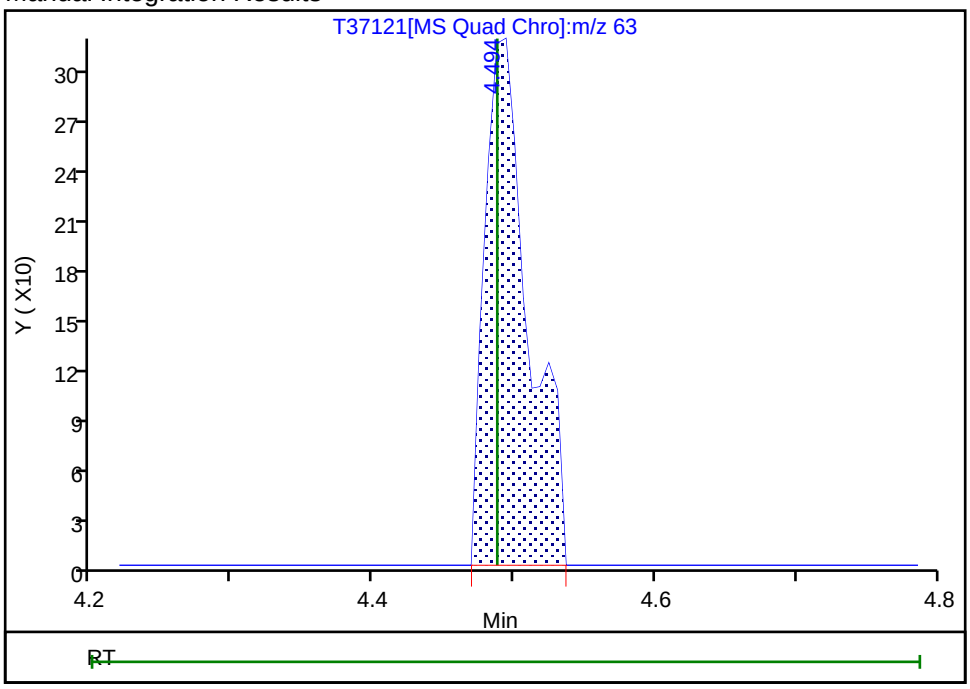
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.49
Area: 675
Amount: 0.913320
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:23:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

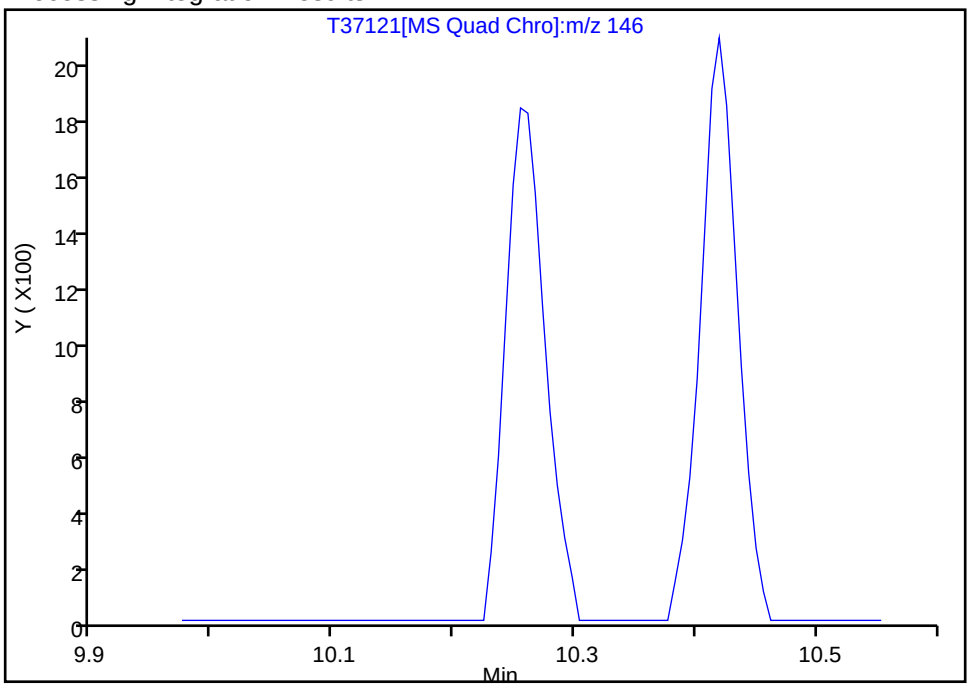
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D
Injection Date: 03-Aug-2020 06:35:14 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

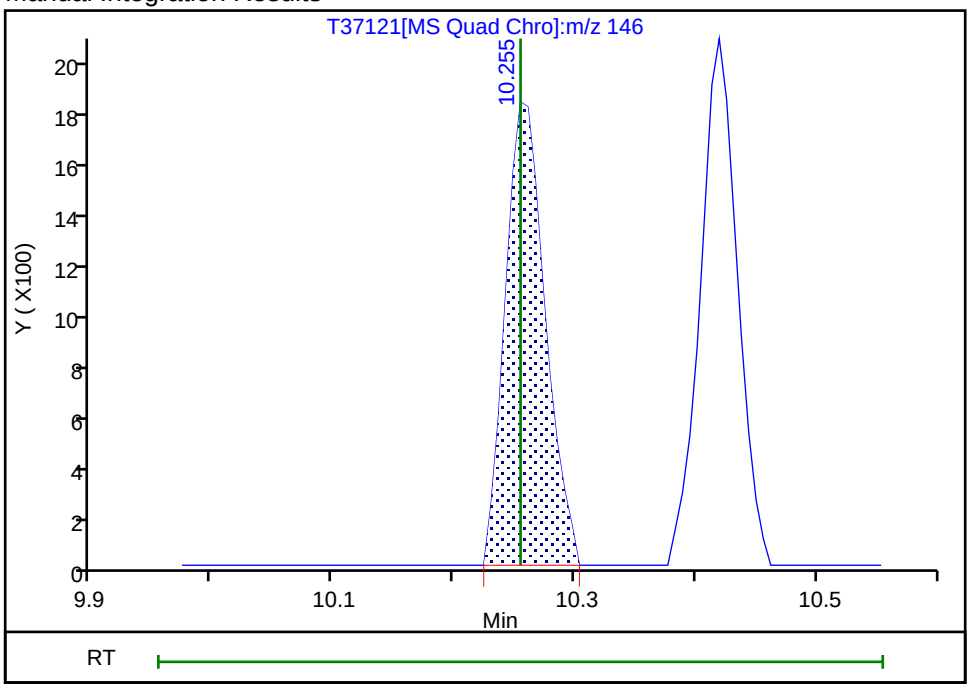
Not Detected
Expected RT: 10.25

Processing Integration Results



Manual Integration Results

RT: 10.25
Area: 4170
Amount: 0.966722
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 07:23:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-714481/2	TT127621.D
Level 2	STD05 460-714481/3	TT127622.D
Level 3	STD1 460-714481/4	TT127623.D
Level 4	STD5 460-714481/5	TT127624.D
Level 5	STD20 460-714481/6	TT127625.D
Level 6	STD50 460-714481/7	TT127626.D
Level 7	STD200 460-714481/8	TT127627.D
Level 8	STD500 460-714481/9	TT127628.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0321	+++++ 0.0317	0.0122 0.0349	0.0305	0.0261	Lin2	-0.020	0.0321							0.9910		0.9900
Chlorotrifluoroethene	+++++ 0.1501	0.1172 0.1666	0.1006 0.1626	0.1098	0.1303	Ave		0.1339				19.6		20.0			
1,1-Difluoroethane	+++++ 0.3523	0.4356 0.3964	0.3275 0.3666	0.2780	0.3088	Ave		0.3522				15.2		20.0			
Dichlorodifluoromethane	+++++ 0.5588	0.5809 0.5544	0.3941 0.5535	0.4491	0.4765	Ave		0.5096			0.1000	13.8		20.0			
Chlorodifluoromethane	+++++ 0.4602	0.4831 0.5624	0.4577 0.4535	0.4239	0.4763	Ave		0.4739				9.2		20.0			
Chloromethane	+++++ 0.5002	0.6437 0.4985	0.5105 0.4759	0.4011	0.4739	Ave		0.5005			0.1000	14.5		20.0			
Butadiene	0.5455 0.4517	0.4245 0.4214	0.4537 0.3981	0.3460	0.4241	Ave		0.4331				13.1		20.0			
Vinyl chloride	+++++ 0.5017	0.5673 0.4896	0.4468 0.4601	0.4096	0.4881	Ave		0.4805			0.1000	10.3		20.0			
Bromomethane	+++++ 3.0783	2.5974 2.9146	2.9176 2.8140	2.7108	2.9165	Ave		2.8499			0.1000	5.5		20.0			
Chloroethane	+++++ 2.3206	2.6133 2.1594	2.6728 2.0317	2.0489	2.2342	Ave		2.2973			0.1000	11.2		20.0			
Dichlorofluoromethane	+++++ 0.6562	0.5767 0.6146	0.5545 0.5713	0.5233	0.6194	Ave		0.5880				7.6		20.0			
Trichlorofluoromethane	+++++ 0.5364	0.5308 0.5036	0.4329 0.4826	0.4116	0.5124	Ave		0.4872			0.1000	9.9		20.0			
Pentane	+++++ 0.0634	0.0716 0.0597	0.0589 0.0560	0.0530	0.0582	Ave		0.0601				10.0		20.0			
Ethanol	+++++ 0.3593	+++++ 0.3926	0.3143 0.3778	0.3406	0.3326	Ave		0.3529				8.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.1717	0.1905 0.1644	0.1707 0.1481	0.1571	0.1676	Ave		0.1671				7.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2972	0.3459 0.2828	0.3253 0.2668	0.2597	0.2818	Ave		0.2942				10.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3052	0.3386 0.2909	0.2627 0.2514	0.2452	0.2835	Ave		0.2825				11.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4753	0.6457 0.4542	0.4762 0.4031	0.4103	0.4469	Ave		0.4731				17.2		20.0			
Acrolein	+++++ 7.9778	9.8388 9.6018	9.7461 8.6987	10.125	9.7443	Ave		9.3903				8.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3338	0.3130 0.3189	0.3184 0.2921	0.2892	0.3240	Ave		0.3128			0.1000	5.3		20.0			
1,1-Dichloroethene	+++++ 0.3154	0.4327 0.2990	0.3432 0.2746	0.2898	0.3014	Ave		0.3223			0.1000	16.5		20.0			
Acetone	+++++ 0.8063	0.9973 0.8118	0.8497 0.7572	0.6640	0.6808	Ave		0.7953			0.0500	14.1		20.0			
Iodomethane	+++++ 0.6054	0.6349 0.5778	0.6083 0.5361	0.5293	0.5798	Ave		0.5816				6.6		20.0			
Isopropyl alcohol	+++++ 4.1862	5.7322 4.2064	5.9816 4.2440	4.3774	4.2928	Ave		4.7172				16.6		20.0			
Carbon disulfide	+++++ 1.2701	1.4707 1.2036	1.2933 1.1104	1.1290	1.2237	Ave		1.2430			0.1000	9.7		20.0			
Allyl chloride	+++++ 0.1960	0.2048 0.1832	0.2252 0.1746	0.1846	0.1901	Ave		0.1941				8.7		20.0			
Methyl acetate	+++++ 0.2015	0.1780 0.1908	0.2067 0.1701	0.1852	0.1960	Ave		0.1898			0.1000	6.8		20.0			
Cyclopentene	+++++ 0.7988	0.9025 0.7323	0.8061 0.7002	0.6836	0.7698	Ave		0.7705				9.7		20.0			
Acetonitrile	+++++ 0.2058	0.3864 0.1927	0.3050 0.1879	0.2246	0.2063	QuaF		0.1976	-0.000002						1.0000		0.9900
Methylene Chloride	+++++ 0.3583	0.5285 0.3427	0.4233 0.3199	0.3421	0.3560	Ave		0.3816			0.1000	19.0		20.0			
2-Methyl-2-propanol	+++++ 6.9052	8.0827 7.2522	8.9396 7.0606	6.4570	6.9990	Ave		7.3852				11.4		20.0			
Methyl tert-butyl ether	+++++ 0.7782	0.8340 0.7160	0.7903 0.6319	0.7280	0.7496	Ave		0.7468			0.1000	8.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.3167	0.3842 0.2968	0.3538 0.2769	0.2982	0.3108	Ave		0.3196			0.1000	11.6		20.0			
Acrylonitrile	0.1123 0.1129	0.1228 0.1055	0.1092 0.0958	0.1042	0.1108	Ave		0.1092				7.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexane	+++++ 0.4329	0.4331 0.3863	0.4358 0.3603	0.3771	0.4133	Ave		0.4056				7.6		20.0			
Isopropyl ether	+++++ 0.9486	1.0603 0.8819	0.9501 0.8084	0.8771	0.9074	Ave		0.9191				8.6		20.0			
1,1-Dichloroethane	+++++ 0.5268	0.5944 0.5022	0.5645 0.4709	0.4707	0.5221	Ave		0.5217			0.2000	8.8		20.0			
Vinyl acetate	+++++ 0.5087	0.5973 0.4615	0.5444 0.4736	0.5032	0.4903	Ave		0.5113				9.1		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2692	0.2380 0.2509	0.2751 0.2381	0.2400	0.2659	Ave		0.2539				6.3		20.0			
Tert-butyl ethyl ether	+++++ 0.8523	0.9210 0.7980	0.8691 0.7241	0.8023	0.8366	Ave		0.8291				7.5		20.0			
2,2-Dichloropropane	+++++ 0.1057	0.1605 0.1047	0.1333 0.1012	0.1033	0.1029	Ave		0.1160				19.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.3354	0.3921 0.3266	0.3682 0.3124	0.3229	0.3270	Ave		0.3406			0.1000	8.4		20.0			
2-Butanone (MEK)	+++++ 0.2933	0.3737 0.2903	0.3054 0.2681	0.2664	0.2673	Ave		0.2949			0.0500	12.9		20.0			
Ethyl acetate	+++++ 0.2677	0.5708 0.2522	0.5235 0.2458	0.3143	0.2685	QuaF		0.2585	-0.000013						1.0000		0.9900
Methyl acrylate	+++++ 0.2432	0.2380 0.2311	0.2764 0.2184	0.2254	0.2291	Ave		0.2374				8.0		20.0			
Propionitrile	+++++ 8.8028	10.712 9.2872	9.5631 9.5468	9.2604	8.7950	Ave		9.4240				6.9		20.0			
Chlorobromomethane	+++++ 0.1660	0.1876 0.1642	0.1780 0.1562	0.1559	0.1630	Ave		0.1673				7.0		20.0			
Tetrahydrofuran	+++++ 0.3287	0.2497 0.3137	0.3297 0.3112	0.3336	0.3185	Ave		0.3122				9.2		20.0			
Methacrylonitrile	+++++ 0.1186	0.1250 0.1093	0.1187 0.1007	0.1112	0.1154	Ave		0.1141				6.9		20.0			
Chloroform	+++++ 0.4847	0.5301 0.4469	0.5111 0.4130	0.4586	0.4877	Ave		0.4760			0.2000	8.4		20.0			
Cyclohexane	+++++ 0.5011	0.5595 0.4779	0.4909 0.4661	0.4273	0.4815	Ave		0.4863			0.1000	8.2		20.0			
1,1,1-Trichloroethane	+++++ 0.4423	0.5289 0.4272	0.4824 0.4175	0.4083	0.4348	Ave		0.4488			0.1000	9.5		20.0			
Carbon tetrachloride	+++++ 0.3858	0.4037 0.3808	0.4083 0.3780	0.3323	0.3672	Ave		0.3794			0.1000	6.7		20.0			
1,1-Dichloropropene	+++++ 0.3811	0.4033 0.3687	0.3928 0.3549	0.3494	0.3687	Ave		0.3742				5.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	+++++ 4.8997	5.4359 5.2509	5.6128 5.2510	4.8044	4.8271	Ave		5.1545				6.1		20.0			
2,2,4-Trimethylpentane	+++++ 1.2225	1.2199 1.2145	1.1521 1.1673	1.0268	1.1718	Ave		1.1678				5.9		20.0			
Benzene	+++++ 1.4810	1.8644 1.2971	1.7737 1.1616	1.4881	1.5241	Ave		1.5129			0.5000	16.3		20.0			
Tert-amyl methyl ether	+++++ 0.9820	1.0533 0.8904	0.9382 0.7959	0.8423	0.9659	Ave		0.9240				9.5		20.0			
Isopropyl acetate	+++++ 0.1442	0.1733 0.1351	0.1520 0.1276	0.1398	0.1442	Ave		0.1452				10.1		20.0			
1,2-Dichloroethane	+++++ 0.3423	0.4077 0.3261	0.4022 0.3105	0.3402	0.3373	Ave		0.3523			0.1000	10.7		20.0			
n-Heptane	+++++ 0.0844	0.0802 0.0752	0.0858 0.0712	0.0705	0.0776	Ave		0.0778				7.7		20.0			
n-Butanol	+++++ 1.7405	2.3055 2.0313	1.9372 2.1709	1.7988	1.7125	Ave		1.9566				11.5		20.0			
Trichloroethene	+++++ 0.2782	0.3442 0.2825	0.2949 0.2750	0.2657	0.2757	Ave		0.2880			0.2000	9.1		20.0			
Methylcyclohexane	+++++ 0.5890	0.6120 0.5805	0.5860 0.5733	0.4862	0.5410	Ave		0.5668			0.1000	7.3		20.0			
Ethyl acrylate	+++++ 0.0461	0.0431 0.0466	0.0349 0.0449	0.0402	0.0418	QuaF		0.0475	-0.000005						1.0000		0.9900
1,2-Dichloropropane	+++++ 0.2768	0.3438 0.2704	0.2527 0.2611	0.2502	0.2710	Ave		0.2751			0.1000	11.6		20.0			
Methyl methacrylate	+++++ 0.0737	0.0716 0.0746	0.0630 0.0723	0.0655	0.0686	Ave		0.0699				6.2		20.0			
Dibromomethane	+++++ 0.1699	0.2046 0.1704	0.1871 0.1626	0.1666	0.1659	Ave		0.1753				8.6		20.0			
1,4-Dioxane	+++++ 1.2063	1.3193 1.0615	1.1205 1.0046	1.1786	1.1309	Ave		1.1460				8.9		20.0			
n-Propyl acetate	+++++ 0.3508	0.3443 0.3516	0.3379 0.3395	0.3329	0.3348	Ave		0.3417				2.2		20.0			
Dichlorobromomethane	+++++ 0.3544	0.4453 0.3641	0.3880 0.3632	0.3231	0.3423	Ave		0.3686			0.2000	10.7		20.0			
2-Nitropropane	+++++ 0.0690	0.0666 0.0734	0.1126 0.0764	0.0664	0.0670	QuaF		0.0709	0.0000055						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1743	0.1851 0.1818	0.1660 0.1839	0.1538	0.1663	Ave		0.1730				6.7		20.0			
Epichlorohydrin	0.1825 0.2515	0.2753 0.2614	0.2291 0.2649	0.2371	0.2342	Ave		0.2420				12.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	+++++ 0.6122	0.6508 0.5677	0.6573 0.5268	0.5833	0.5964	Ave		0.5992			0.2000	7.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.3148	2.3804 2.3064	2.2708 2.2228	2.2292	2.1843	Ave		2.2727			0.0500	2.9		20.0			
Toluene	+++++ 1.5285	1.8997 1.4096	1.7028 1.2938	1.5016	1.5095	Ave		1.5493			0.4000	12.8		20.0			
trans-1,3-Dichloropropene	+++++ 0.5469	0.6619 0.5275	0.6272 0.5011	0.5177	0.5228	Ave		0.5579			0.1000	11.0		20.0			
Ethyl methacrylate	+++++ 0.4571	0.5647 0.4364	0.5315 0.4028	0.4358	0.4495	Ave		0.4683				12.4		20.0			
1,1,2-Trichloroethane	+++++ 0.2769	0.3583 0.2587	0.3609 0.2421	0.2641	0.2693	Ave		0.2900			0.1000	16.8		20.0			
Tetrachloroethene	+++++ 0.3869	0.4597 0.3575	0.4321 0.3333	0.3678	0.3816	Ave		0.3884			0.2000	11.3		20.0			
1,3-Dichloropropane	+++++ 0.5328	0.5964 0.5085	0.5783 0.4770	0.5045	0.5128	Ave		0.5300				8.1		20.0			
2-Hexanone	+++++ 1.4497	1.4656 1.4940	1.3974 1.4532	1.3233	1.3274	Ave		1.4158			0.0500	4.8		20.0			
n-Butyl acetate	+++++ 0.5183	0.6772 0.4692	0.5134 0.4416	0.5292	0.5032	Ave		0.5217				14.4		20.0			
Chlorodibromomethane	+++++ 0.3551	0.3914 0.3404	0.3668 0.3231	0.3288	0.3428	Ave		0.3498			0.1000	6.7		20.0			
Ethylene Dibromide	+++++ 0.3290	0.3814 0.3109	0.3334 0.2972	0.3075	0.3186	Ave		0.3254			0.1000	8.5		20.0			
Chlorobenzene	+++++ 0.9887	1.0783 0.9547	0.9905 0.8892	0.9225	0.9593	Ave		0.9690			0.5000	6.2		20.0			
Ethylbenzene	+++++ 0.5400	0.6472 0.5023	0.6002 0.4669	0.5060	0.5241	Ave		0.5410			0.1000	11.5		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3935	0.4314 0.3567	0.4262 0.3254	0.3668	0.3750	Ave		0.3821				9.9		20.0			
m-Xylene & p-Xylene	+++++ 0.6649	0.7844 0.6174	0.7117 0.5851	0.6249	0.6418	Ave		0.6614			0.1000	10.2		20.0			
o-Xylene	+++++ 0.6965	0.7575 0.6692	0.7197 0.6412	0.6325	0.6639	Ave		0.6829			0.3000	6.5		20.0			
n-Butyl acrylate	+++++ 0.2864	0.3692 0.2538	0.3414 0.2361	0.2870	0.2757	Ave		0.2928				16.1		20.0			
Styrene	+++++ 1.0698	1.2533 1.0024	1.1303 0.9333	1.0234	1.0301	Ave		1.0632			0.3000	9.7		20.0			
Bromoform	+++++ 0.2282	0.2469 0.2279	0.2250 0.2306	0.2241	0.2131	Ave		0.2280			0.1000	4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.2488	1.1845 1.1826	1.2714 1.1302	1.1500	1.1370	Ave		1.1863				4.6		20.0			
Isopropylbenzene	+++++ 1.8872	2.0405 1.7472	1.9341 1.6409	1.6964	1.7681	Ave		1.8163			0.1000	7.8		20.0			
Bromobenzene	+++++ 0.8342	0.8305 0.8625	0.8473 0.8540	0.7392	0.7656	Ave		0.8190				5.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.9073	0.9743 0.8982	0.8343 0.8576	0.8004	0.8150	Ave		0.8696			0.3000	7.0		20.0			
N-Propylbenzene	+++++ 4.2976	4.4894 4.1594	4.0274 3.8589	3.6091	3.8645	Ave		4.0438				7.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2437	0.2679 0.2333	0.2384 0.2125	0.2269	0.2273	Ave		0.2357				7.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1995	0.1494 0.2063	0.1388 0.1982	0.1515	0.1706	Ave		0.1735				16.0		20.0			
2-Chlorotoluene	+++++ 2.8278	2.8051 2.7246	2.5113 2.5414	2.5321	2.5690	Ave		2.6445				5.2		20.0			
4-Ethyltoluene	+++++ 3.4190	3.3990 3.1770	3.4840 3.0359	3.1035	3.2560	Ave		3.2678				5.2		20.0			
1,3,5-Trimethylbenzene	+++++ 3.1466	3.1575 2.9942	2.7365 2.8496	2.6558	2.8456	Ave		2.9123				6.7		20.0			
4-Chlorotoluene	+++++ 2.6244	2.6955 2.4950	2.6376 2.3916	2.3944	2.4645	Ave		2.5290				4.9		20.0			
Butyl Methacrylate	+++++ 1.0309	0.9644 0.9864	1.0140 0.9895	0.9321	0.9782	Ave		0.9851				3.3		20.0			
tert-Butylbenzene	+++++ 2.6165	2.3102 2.6434	2.3544 2.6084	2.0796	2.3267	Ave		2.4199				8.7		20.0			
1,2,4-Trimethylbenzene	+++++ 3.1380	3.0968 3.0541	2.9563 2.9076	2.7027	2.9055	Ave		2.9659				5.0		20.0			
sec-Butylbenzene	+++++ 4.2211	3.9009 4.1697	3.7226 3.9788	3.3747	3.7502	Ave		3.8740				7.5		20.0			
1,3-Dichlorobenzene	+++++ 1.6058	1.7426 1.5740	1.5807 1.5821	1.4632	1.5095	Ave		1.5797			0.6000	5.5		20.0			
4-Isopropyltoluene	+++++ 3.5365	3.1944 3.4108	3.2128 3.1989	2.8722	3.2047	Ave		3.2329				6.4		20.0			
1,4-Dichlorobenzene	+++++ 1.5709	1.6833 1.5084	1.6278 1.5290	1.4693	1.4896	Ave		1.5540			0.5000	5.0		20.0			
1,2,3-Trimethylbenzene	+++++ 3.2322	3.1167 3.0888	3.1379 2.9789	2.9460	3.0514	Ave		3.0788				3.2		20.0			
Benzyl chloride	+++++ 1.7628	2.0094 1.6656	1.8759 1.6867	1.6871	1.6984	Ave		1.7694				7.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Indan	+++++ 3.0545	3.2765 2.9414	2.9531 2.8933	2.7703	2.8987	Ave		2.9697				5.4		20.0			
p-Diethylbenzene	+++++ 1.8129	1.9213 1.7321	1.7817 1.7462	1.6297	1.7217	Ave		1.7637				5.1		20.0			
n-Butylbenzene	+++++ 1.8292	1.7281 1.7067	1.8012 1.6479	1.6032	1.7080	Ave		1.7178				4.6		20.0			
1,2-Dichlorobenzene	+++++ 1.5976	1.8192 1.5083	1.6566 1.4672	1.5377	1.5431	Ave		1.5899			0.4000	7.4		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.6759	3.5504 3.8464	3.2978 3.7755	3.0706	3.3202	Ave		3.5053				8.1		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2175	0.2295 0.2186	0.1892 0.2144	0.2055	0.1996	Ave		0.2106			0.0500	6.4		20.0			
1,3,5-Trichlorobenzene	+++++ 1.5535	1.7097 1.5457	1.5830 1.5043	1.3496	1.4530	Ave		1.5284				7.3		20.0			
1,2,4-Trichlorobenzene	+++++ 1.5358	1.4991 1.5787	1.4968 1.4973	1.3001	1.3571	Ave		1.4664			0.2000	6.8		20.0			
Hexachlorobutadiene	+++++ 0.6731	0.6069 0.6896	0.5537 0.6430	0.4952	0.5745	Ave		0.6052				11.5		20.0			
Naphthalene	+++++ 3.7297	3.8073 3.7177	3.4278 3.3741	3.2511	3.3684	Ave		3.5252				6.2		20.0			
1,2,3-Trichlorobenzene	+++++ 1.4627	1.5738 1.4622	1.3244 1.3381	1.2925	1.3224	Ave		1.3966				7.5		20.0			
Dibromofluoromethane (Surr)	0.2574 0.2607	0.2543 0.2464	0.2564 0.2418	0.2588	0.2632	Ave		0.2549				2.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2767 0.2726	0.2720 0.2815	0.2745 0.2874	0.2727	0.2803	Ave		0.2772				2.0		20.0			
Toluene-d8 (Surr)	1.3377 1.2847	1.3371 1.1867	1.3343 1.0939	1.3421	1.3126	Ave		1.2786				7.1		20.0			
4-Bromofluorobenzene	0.4006 0.3783	0.3975 0.3757	0.4021 0.3841	0.3933	0.3841	Ave		0.3895				2.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-714481/2	TT127621.D
Level 2	STD05 460-714481/3	TT127622.D
Level 3	STD1 460-714481/4	TT127623.D
Level 4	STD5 460-714481/5	TT127624.D
Level 5	STD20 460-714481/6	TT127625.D
Level 6	STD50 460-714481/7	TT127626.D
Level 7	STD200 460-714481/8	TT127627.D
Level 8	STD500 460-714481/9	TT127628.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Lin2	+++++ 14959	+++++ 52555	136 147734	1617	5312	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorotrifluoroethene	FB	Ave	+++++ 69890	614 276045	1123 688157	5827	26541	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Difluoroethane	FB	Ave	+++++ 164032	2282 656670	3658 1551408	14749	62912	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 260195	3043 918452	4401 2342453	23823	97089	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 214248	2531 931708	5112 1919503	22484	97042	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 232876	3372 825929	5701 2014121	21274	96550	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1589 210327	2224 698173	5067 1684747	18356	86420	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 233602	2972 811126	4990 1947149	21726	99462	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	+++++ 165341	1472 558729	3575 1329665	15694	68947	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	+++++ 124643	1481 413963	3275 960015	11862	52817	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 305543	3021 1018288	6193 2417704	27759	126211	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 249761	2781 834388	4835 2042496	21834	104409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 59027	750 197796	1315 473630	5619	23698	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	Ave	+++++ 32785	+++++ 116152	615 267010	3179	12812	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	+++++ 79952	998 272380	1906 626593	8331	34146	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	+++++ 138360	1812 468433	3633 1128947	13775	57419	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 142099	1774 481978	2934 1063840	13009	57755	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 221302	3383 752444	5318 1706027	21766	91062	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Ave	+++++ 36398	874 71015	1907 122951	9451	18768	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 155413	1640 528252	3556 1236092	15343	66014	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 146829	2267 495280	3833 1162321	15375	61421	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 216536	2826 778086	5206 1788871	19220	80478	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 281878	3326 957185	6793 2268726	28078	118131	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 95496	1273 311107	2926 749835	10215	41341	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 591353	7705 1994035	14444 4699452	59887	249325	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Allyl chloride	FB	Ave	+++++ 91240	1073 303502	2515 738901	9791	38729	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 187675	1865 632055	4617 1439445	19652	79885	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 371915	4728 1213196	9003 2963514	36261	156856	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	QuaF	+++++ 110531	2190 369399	3737 888022	13006	48781	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 166831	2769 567773	4728 1353695	18149	72534	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 157522	1795 536375	4373 1247473	15068	67402	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 362316	4369 1186278	8826 2674222	38615	152726	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 147471	2013 491713	3951 1171934	15819	63322	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2617 525441	6434 1748025	12195 4055737	55268	225718	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 201576	2269 640061	4867 1524778	20003	84221	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 441687	5555 1460984	10611 3421507	46527	184886	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	+++++ 245299	3114 831998	6304 1992991	24969	106380	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 54646	677 176945	1334 447590	5826	23182	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 125322	1247 415683	3072 1007786	12729	54186	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 396849	4825 1322103	9706 3064421	42560	170469	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 49228	841 173528	1489 428436	5481	20974	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 156140	2054 541157	4112 1322125	17126	66629	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 78766	1059 278280	1871 633428	7713	31597	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	QuaF	+++++ 28759	647 96679	1283 232247	3639	12697	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 113253	1247 382837	3087 924301	11959	46682	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 200810	2379 686882	4678 1686733	21610	84698	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 77290	983 272087	1988 661034	8270	33205	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 35305	283 120275	808 294066	3863	15060	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 552341	6547 1811331	13253 4262502	58981	235064	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 225685	2777 740385	5708 1747939	24326	99373	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 233311	2931 791694	5482 1972523	22664	98100	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 205927	2771 707689	5388 1767066	21660	88585	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 179625	2115 630816	4560 1599599	17629	74814	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 177455	2113 610866	4387 1502029	18534	75132	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 279430	3018 970899	6864 2319379	28029	116214	+++++ 1250	12.5 5000	25.0 12500	125	500
2,2,4-Trimethylpentane	FB	Ave	+++++ 569190	6391 2011999	12867 4940257	54466	238766	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	+++++ 519832	6712 1776641	13481 4288575	54394	223613	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	+++++ 457214	5518 1475055	10478 3368196	44679	196796	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 67118	908 223887	1697 539942	7415	29385	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 159393	2136 540185	4492 1314100	18045	68719	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 39316	420 124596	958 301195	3740	15815	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 99258	1280 375581	2369 958874	10494	41229	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 129530	1803 468027	3294 1163995	14093	56177	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 274235	3206 961651	6544 2426125	25789	110231	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 21477	226 77275	390 189846	2134	8527	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 128855	1801 447988	2822 1104893	13273	55214	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 68588	750 247206	1408 612128	6947	27963	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Dibromomethane	FB	Ave	+++++ 79103	1072 282285	2089 688356	8839	33811	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dioxane	DXE	Ave	+++++ 30966	932 113466	1624 283138	3264	13022	+++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 163322	1804 582504	3774 1436831	17661	68225	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 165030	2333 603126	4333 1537013	17138	69753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 64266	698 243299	2515 646662	7046	27305	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 81370	972 301853	1858 780241	8180	33966	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1165 270154	3120 1002116	5615 2503169	27458	110727	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 214887	2343 777620	4996 1944942	21320	87502	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 621660	6745 2210633	13912 5251472	64529	258190	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	+++++ 536483	6839 1930666	12942 4776535	54888	221474	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 191975	2383 722465	4767 1850078	18923	76708	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	+++++ 160442	2033 597724	4040 1487180	15928	65951	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 97183	1290 354292	2743 893805	9655	39508	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 135795	1655 489663	3284 1230346	13444	55994	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 187009	2147 696428	4395 1760926	18440	75235	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 389334	4153 1431952	8561 3433392	38305	156899	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Ave	+++++ 181923	2438 642622	3902 1630522	19345	73826	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 124637	1409 466191	2788 1192915	12019	50298	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 115473	1373 425771	2534 1097163	11241	46738	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	+++++ 347025	3882 1307616	7528 3282911	33720	140751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	+++++ 189549	2330 688055	4562 1723858	18495	76890	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 138112	1553 488519	3239 1201248	13406	55022	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 233364	2824 845647	5409 2160048	22841	94162	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	+++++ 244470	2727 916614	5470 2367211	23121	97408	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 100529	1329 347690	2595 871778	10491	40444	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	+++++ 375500	4512 1372992	8591 3445640	37410	151138	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 80100	889 312175	1710 851323	8192	31261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 218694	2379 762262	5477 1987489	23432	88285	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 662391	7346 2393163	14700 6057969	62009	259411	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 146094	1668 555951	3650 1501843	15063	59444	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 158895	1957 578952	3594 1508151	16310	63284	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 752600	9017 2681054	17349 6786333	73540	300070	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 42672	538 150373	1027 373713	4623	17649	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 34940	300 132951	598 348617	3088	13248	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 495205	5634 1756219	10818 4469312	51596	199480	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 598737	6827 2047815	15008 5338952	63239	252820	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 551047	6342 1930011	11788 5011274	54116	220958	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 459591	5414 1608224	11362 4205898	48790	191364	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 180530	1937 635833	4368 1740150	18992	75958	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 458211	4640 1703901	10142 4587142	42374	180666	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 549533	6220 1968614	12735 5113385	55071	225604	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 739216	7835 2687699	16036 6997156	68765	291197	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 281203	3500 1014590	6809 2782201	29815	117213	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 619324	6416 2198496	13840 5625548	58526	248837	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 275096	3381 972279	7012 2688857	29939	115661	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 566030	6260 1990961	13517 5238683	60029	236936	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	+++++ 308706	4036 1073626	8081 2966276	34377	131876	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	+++++ 534904	6581 1895962	12721 5088083	56448	225082	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 317471	3859 1116445	7675 3070909	33208	133686	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	+++++ 320340	3471 1100128	7759 2897994	32668	132626	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 279767	3654 972184	7136 2580133	31333	119815	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 643734	7131 2479299	14206 6639634	62569	257804	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 38093	461 140910	815 376995	4188	15502	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 714481

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/06/2020 09:11 Calibration End Date: 08/06/2020 11:38 Calibration ID: 81422

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 272048	3434 996292	6819 2645437	27500	112823	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 268949	3011 1017568	6448 2633112	26491	105374	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 117873	1219 444505	2385 1130856	10091	44612	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 653153	7647 2396339	14766 5933723	66247	261546	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 256158	3161 942486	5705 2353249	26337	102679	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	149930 121366	133229 102065	143181 102327	137290	134095	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	161201 126927	142491 116580	153296 121624	144654	142782	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	531311 450919	481374 406358	507050 403873	490569	481454	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	159097 132791	143120 128654	152823 141798	143763	140882	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 06-Aug-2020 09:11:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0114599-002
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:44:01 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 13:05:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.531	1.525	0.006	37	1589	0.2500	0.3149	
* 31 TBA-d9 (IS)	66	2.683	2.683	0.000	100	51110	1000.0	1000.0	
35 Acrylonitrile	53	2.909	2.915	-0.006	98	2617	2.00	2.06	
* 42 2-Butanone-d5	46	3.634	3.634	0.000	99	319100	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.061	4.067	-0.006	96	149930	50.0	50.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	96	161201	50.0	49.9	
* 66 Fluorobenzene	96	4.640	4.640	0.000	99	582532	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	90	30247	1000.0	1000.0	
80 Epichlorohydrin	57	5.945	5.945	0.000	96	1165	5.00	3.77	
$ 83 Toluene-d8 (Surr)	98	6.225	6.225	0.000	99	531311	50.0	52.3	
* 94 Chlorobenzene-d5	117	7.944	7.950	-0.006	86	397179	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	159097	50.0	51.4	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	96	226325	50.0	50.0	

Reagents:

Ethanol mix_00042	Amount Added:	0.00	Units: uL	
14DIOXINTER_00117	Amount Added:	0.00	Units: uL	
GASES Li_00380	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00123	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00076	Amount Added:	20.00	Units: uL	
MIX I Hi_00128	Amount Added:	0.00	Units: uL	
524freon_00025	Amount Added:	0.00	Units: uL	
8FreonHi_00021	Amount Added:	0.00	Units: uL	
ACROLEIN W_00110	Amount Added:	0.00	Units: uL	
GAS Hi_00368	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:44:02 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D

Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17

Lims ID: STD8

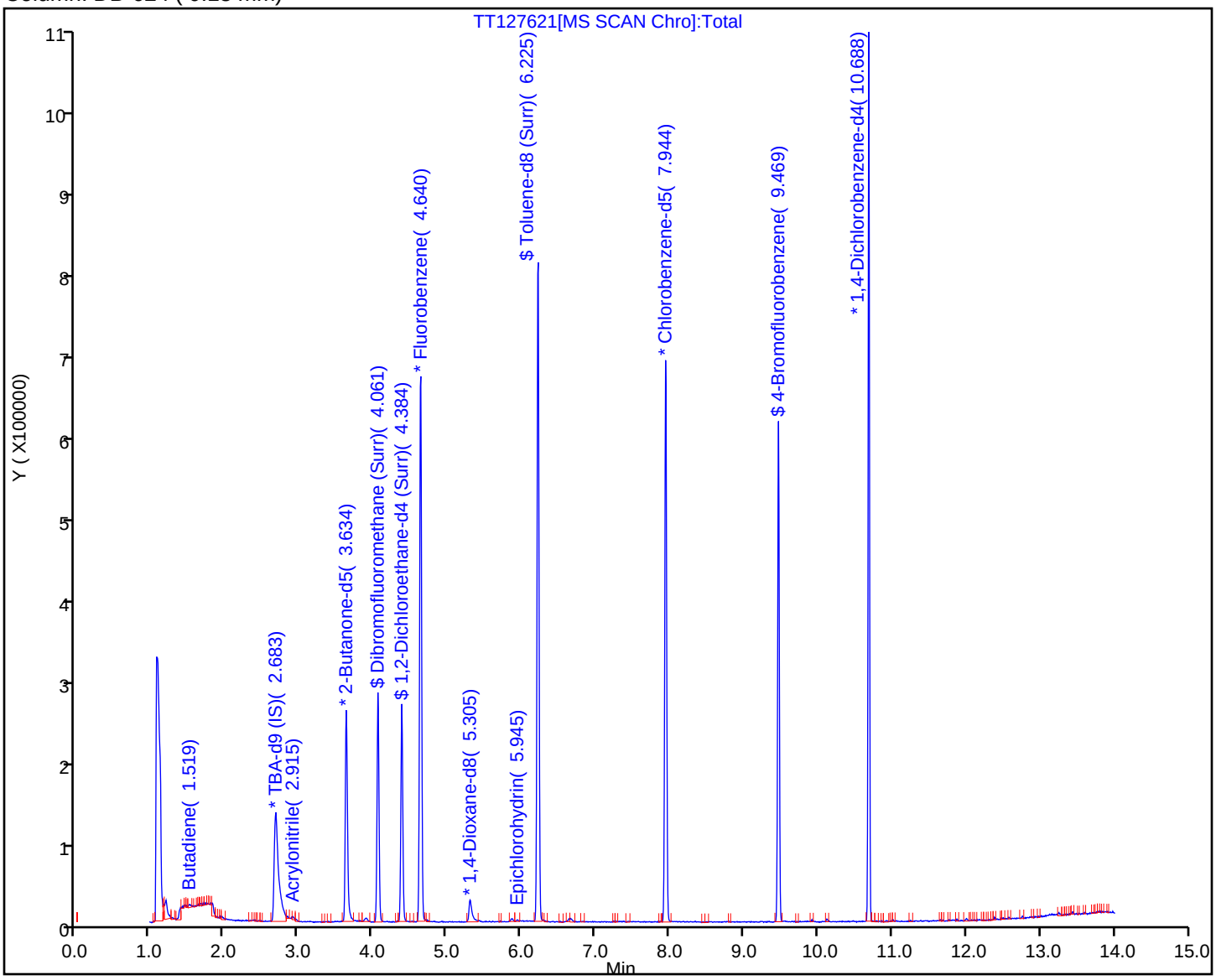
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



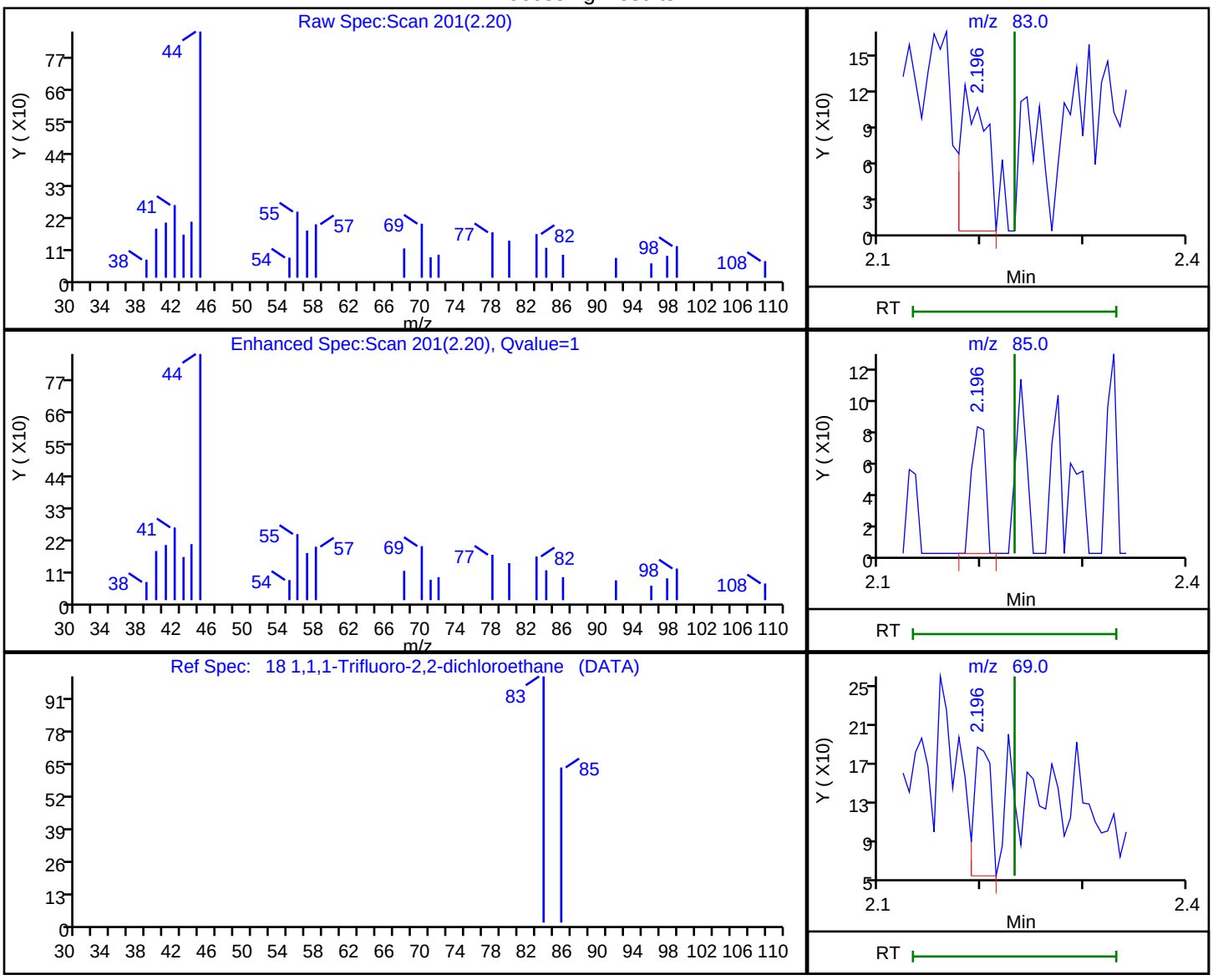
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.20	83.00	203	0.045096
2.20	85.00	77	
2.20	69.00	147	
2.19	67.00	385	

Reviewer: kluseys, 06-Aug-2020 13:02:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

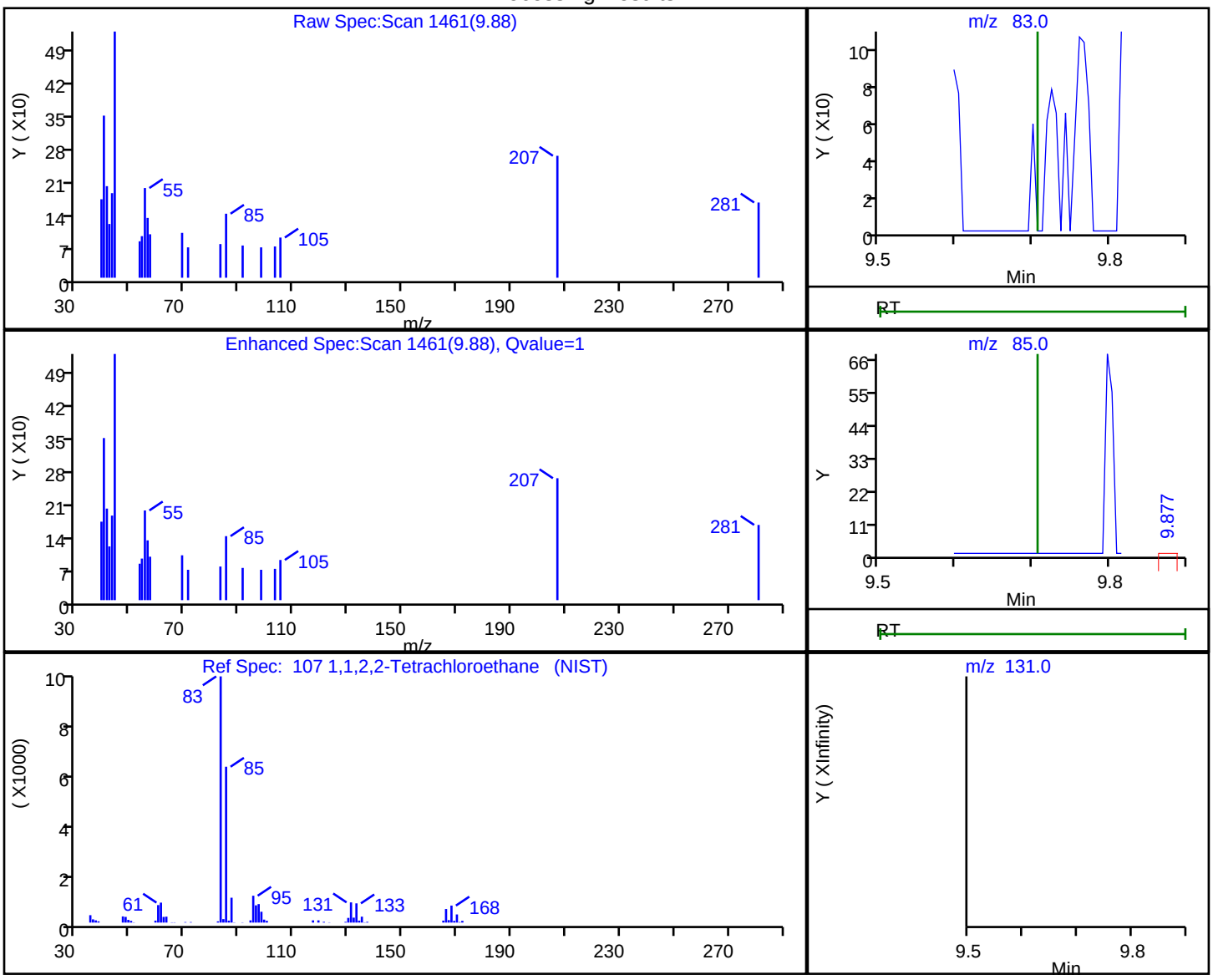
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.88	83.00	93	0.023626
9.88	85.00	69	
9.71	131.00	0	

Reviewer: kluseys, 06-Aug-2020 13:04:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

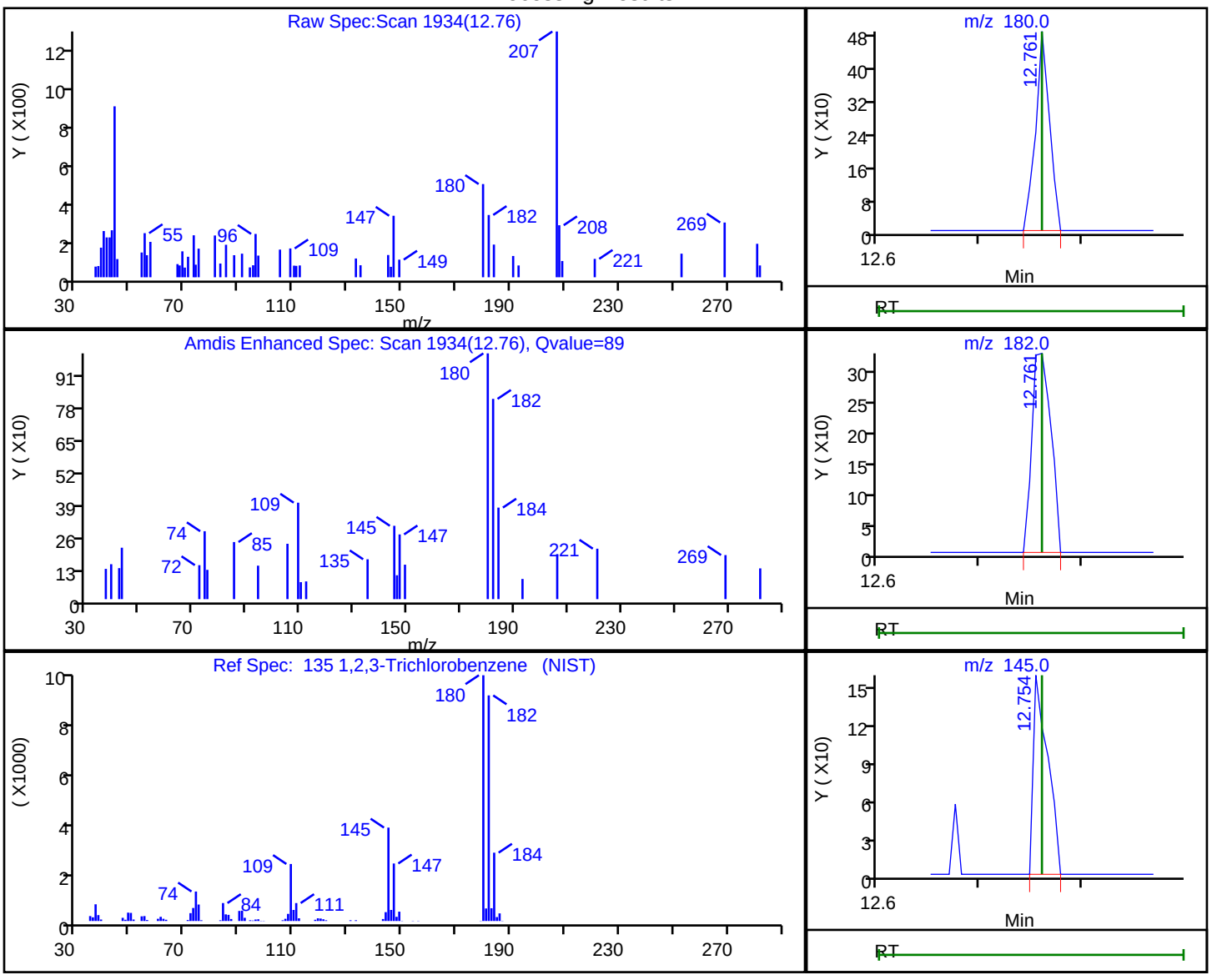
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.76	180.00	460	0.072766
12.76	182.00	420	
12.75	145.00	153	

Reviewer: kluseys, 06-Aug-2020 13:05:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

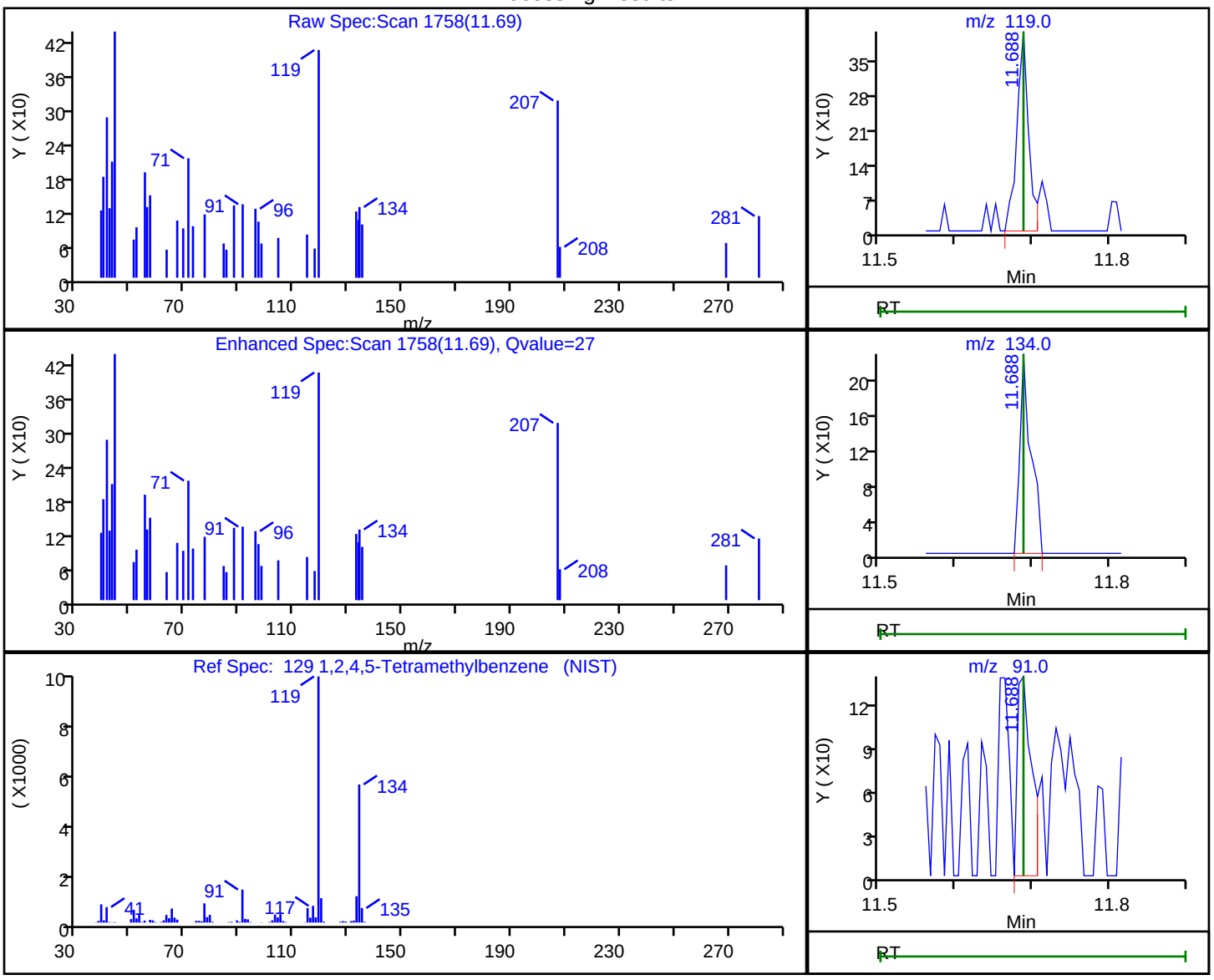
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.69	119.00	436	0.028472
11.69	134.00	232	
11.69	91.00	169	

Reviewer: kluseys, 06-Aug-2020 13:04:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

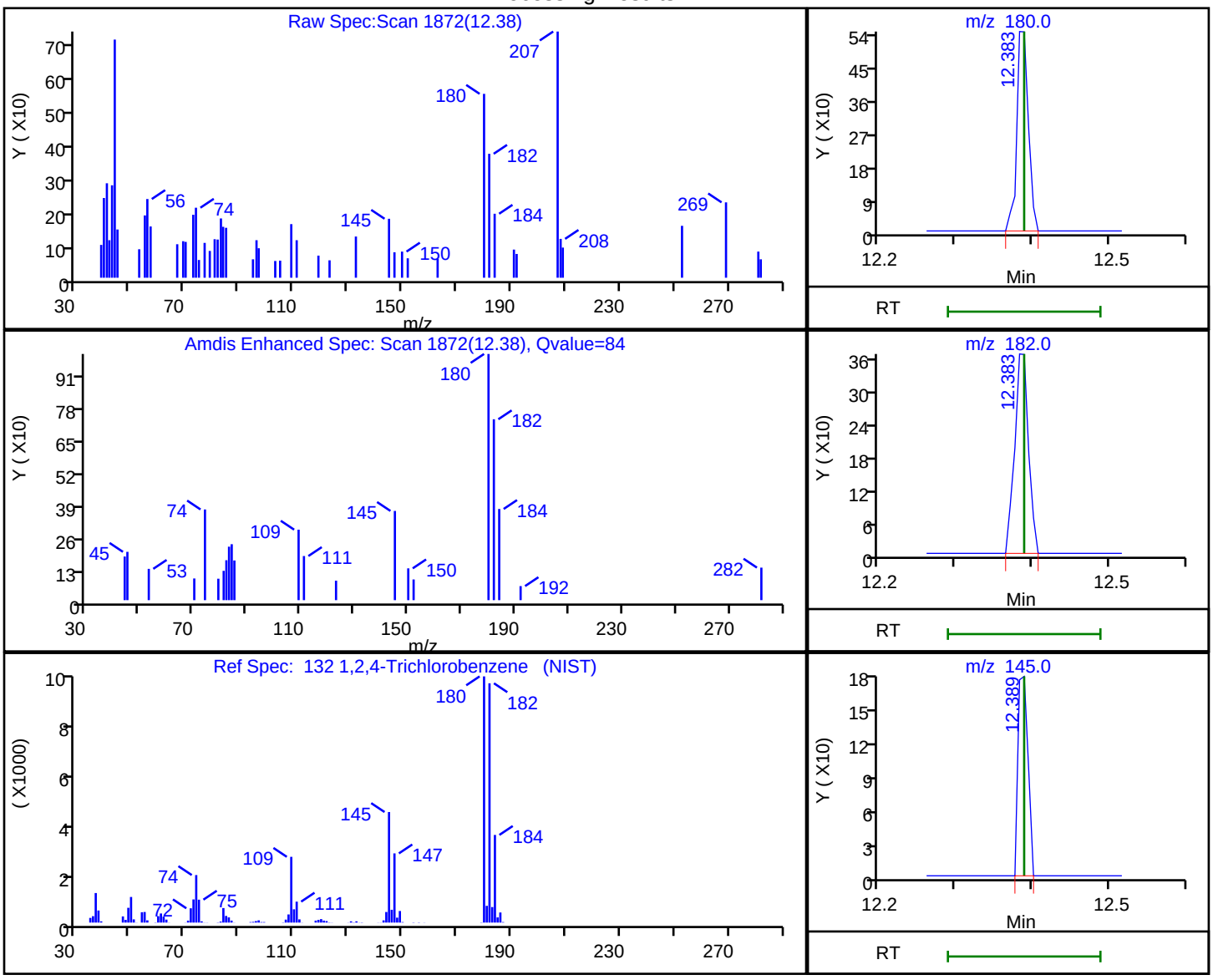
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.38	180.00	579	0.087229
12.38	182.00	466	
12.39	145.00	163	

Reviewer: kluseys, 06-Aug-2020 13:04:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

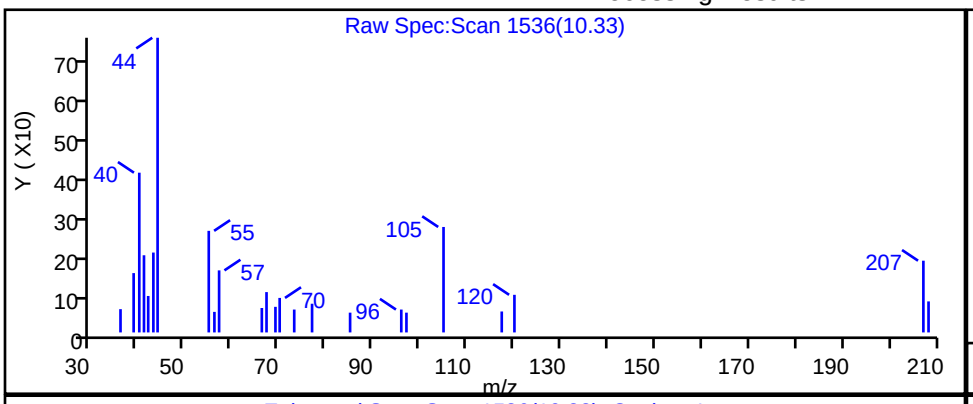
User Disabled Compound Report

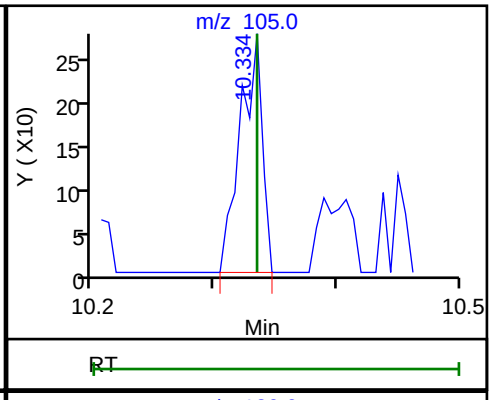
Eurofins TestAmerica, Edison

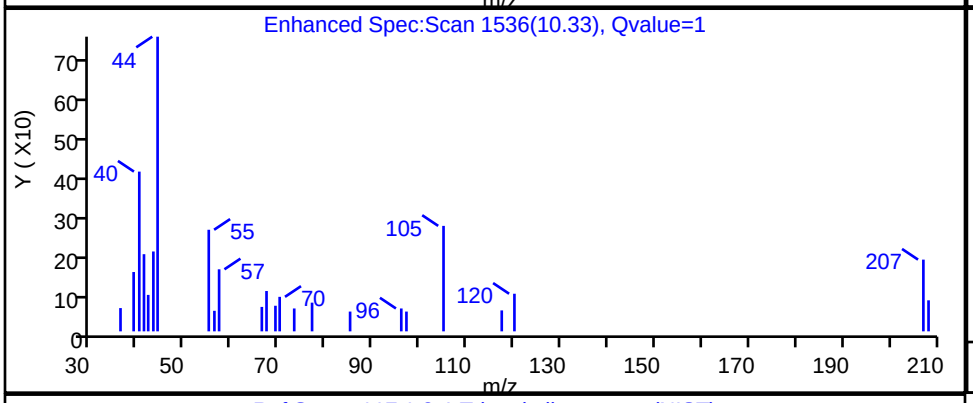
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

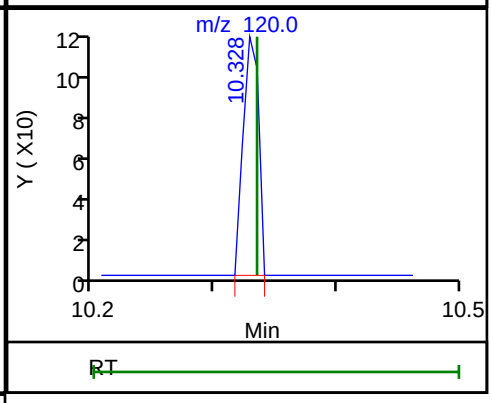
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

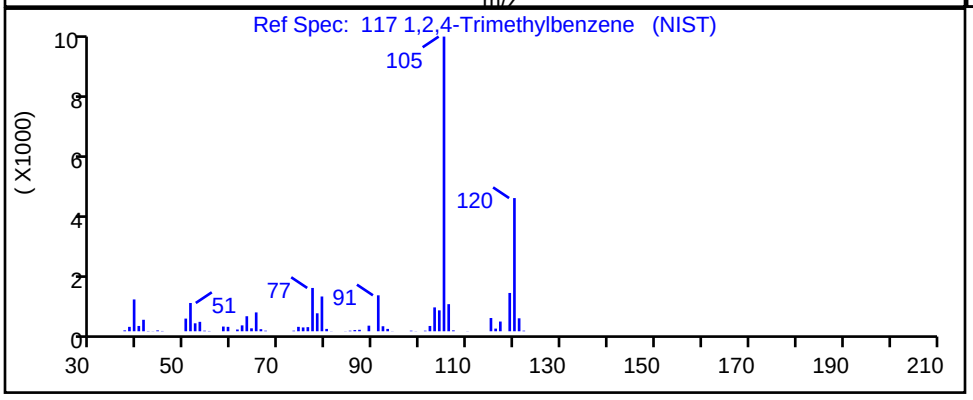
Processing Results











RT	Mass	Response	Amount
10.33	105.00	339	0.025251
10.33	120.00	99	

Reviewer: kluseys, 06-Aug-2020 13:04:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

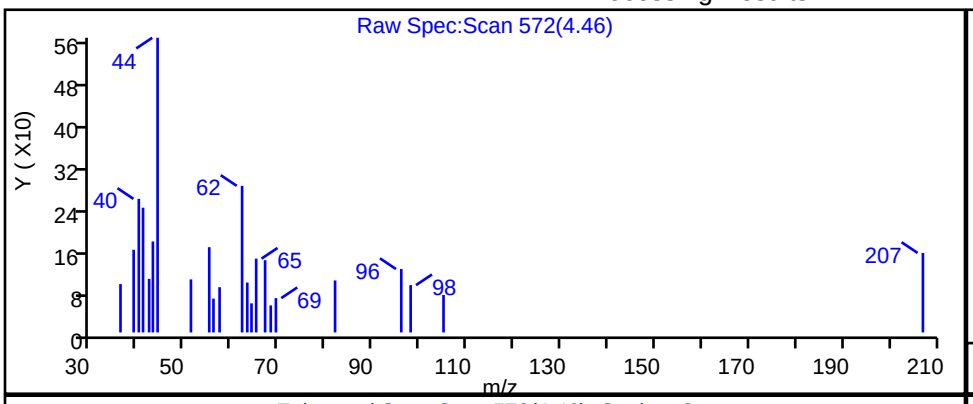
User Disabled Compound Report

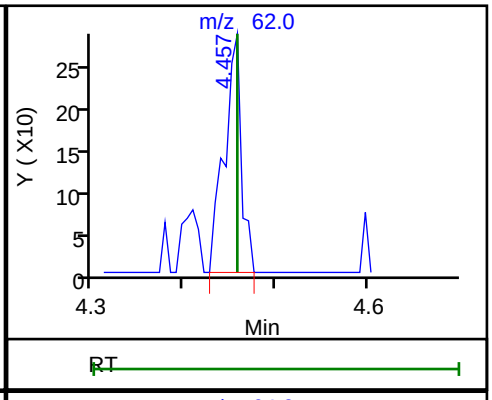
Eurofins TestAmerica, Edison

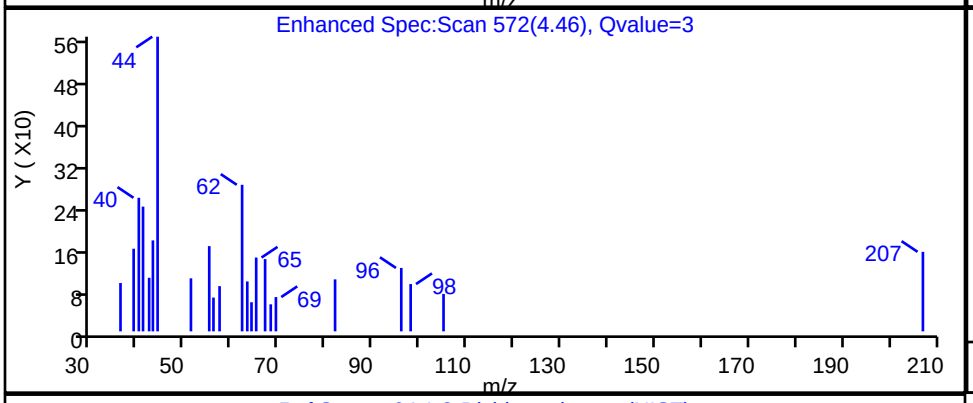
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

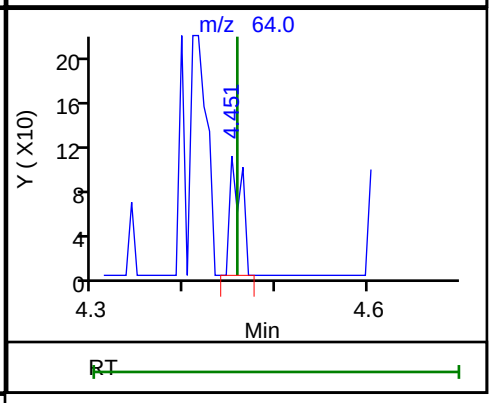
64 1,2-Dichloroethane, CAS: 107-06-2

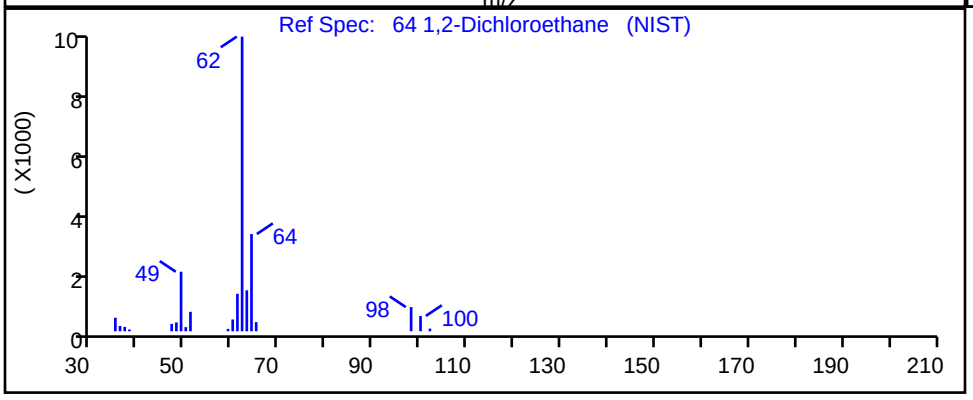
Processing Results











RT	Mass	Response	Amount
4.46	62.00	364	0.088676
4.45	64.00	94	

Reviewer: kluseys, 06-Aug-2020 13:03:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

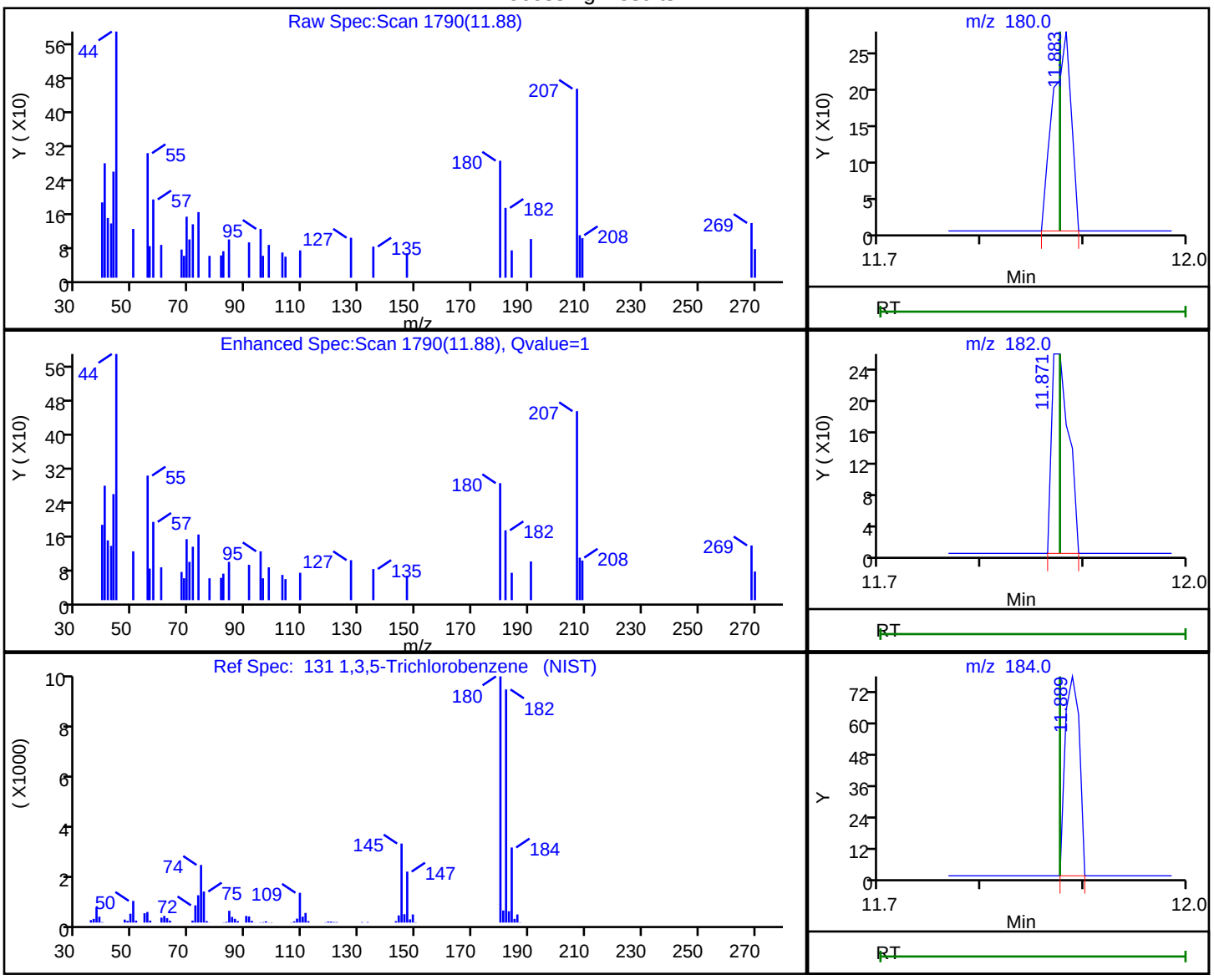
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.88	180.00	342	0.049390
11.87	182.00	299	
11.89	184.00	75	

Reviewer: kluseys, 06-Aug-2020 13:04:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

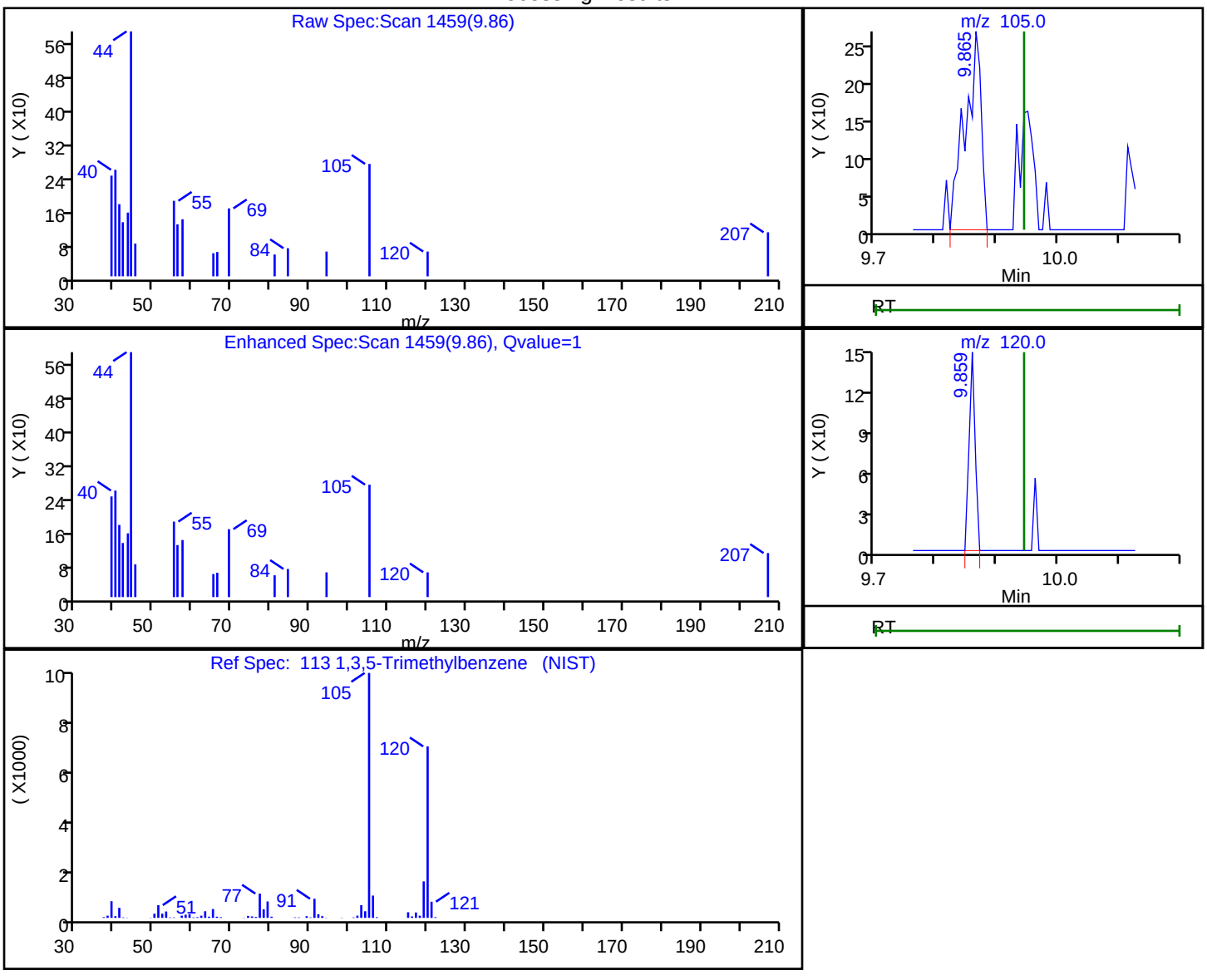
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.86	105.00	484	0.036716
9.86	120.00	100	

Reviewer: kluseys, 06-Aug-2020 13:04:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

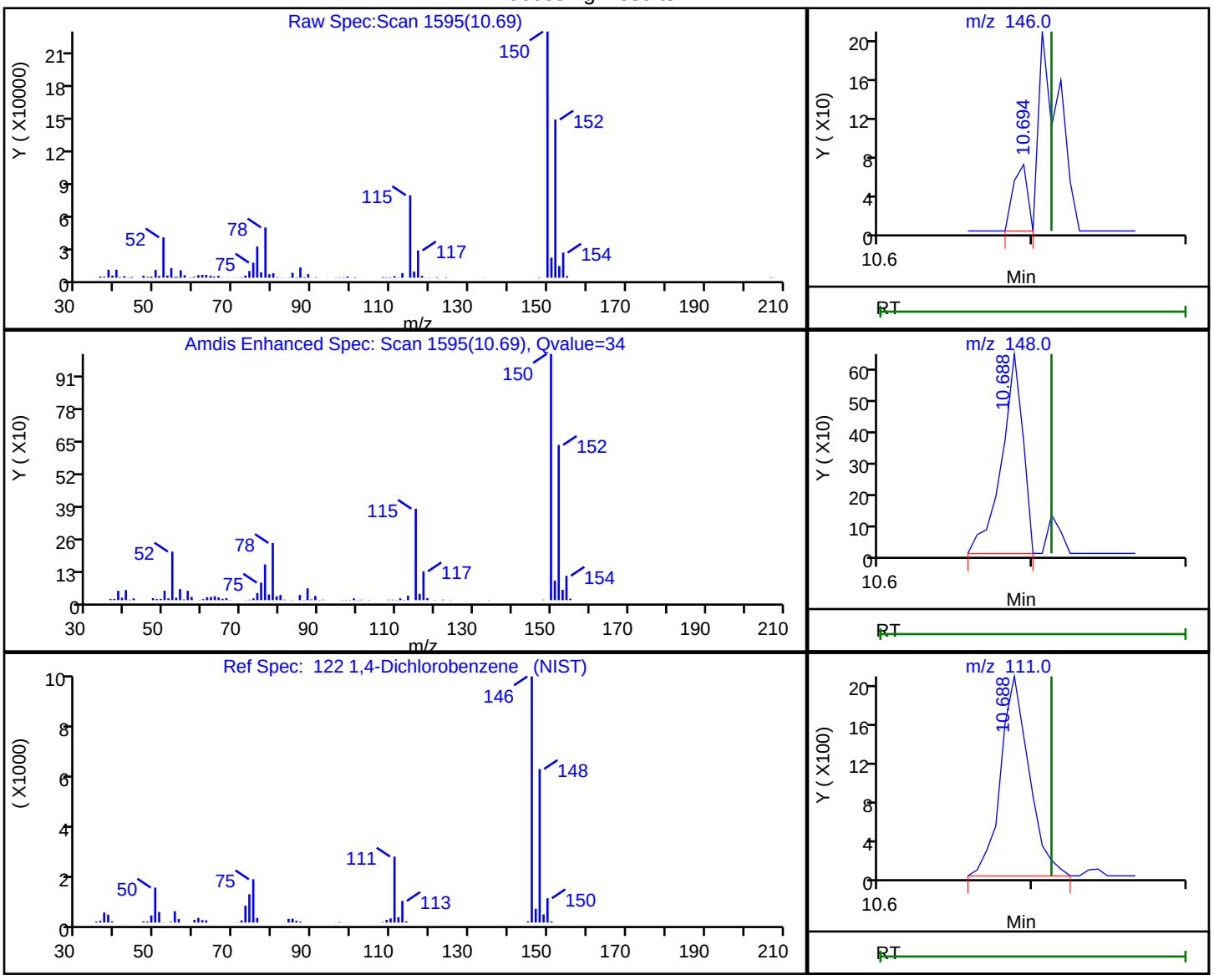
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.69	146.00	45	0.006487
10.69	148.00	625	
10.69	111.00	2645	

Reviewer: kluseys, 06-Aug-2020 13:04:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

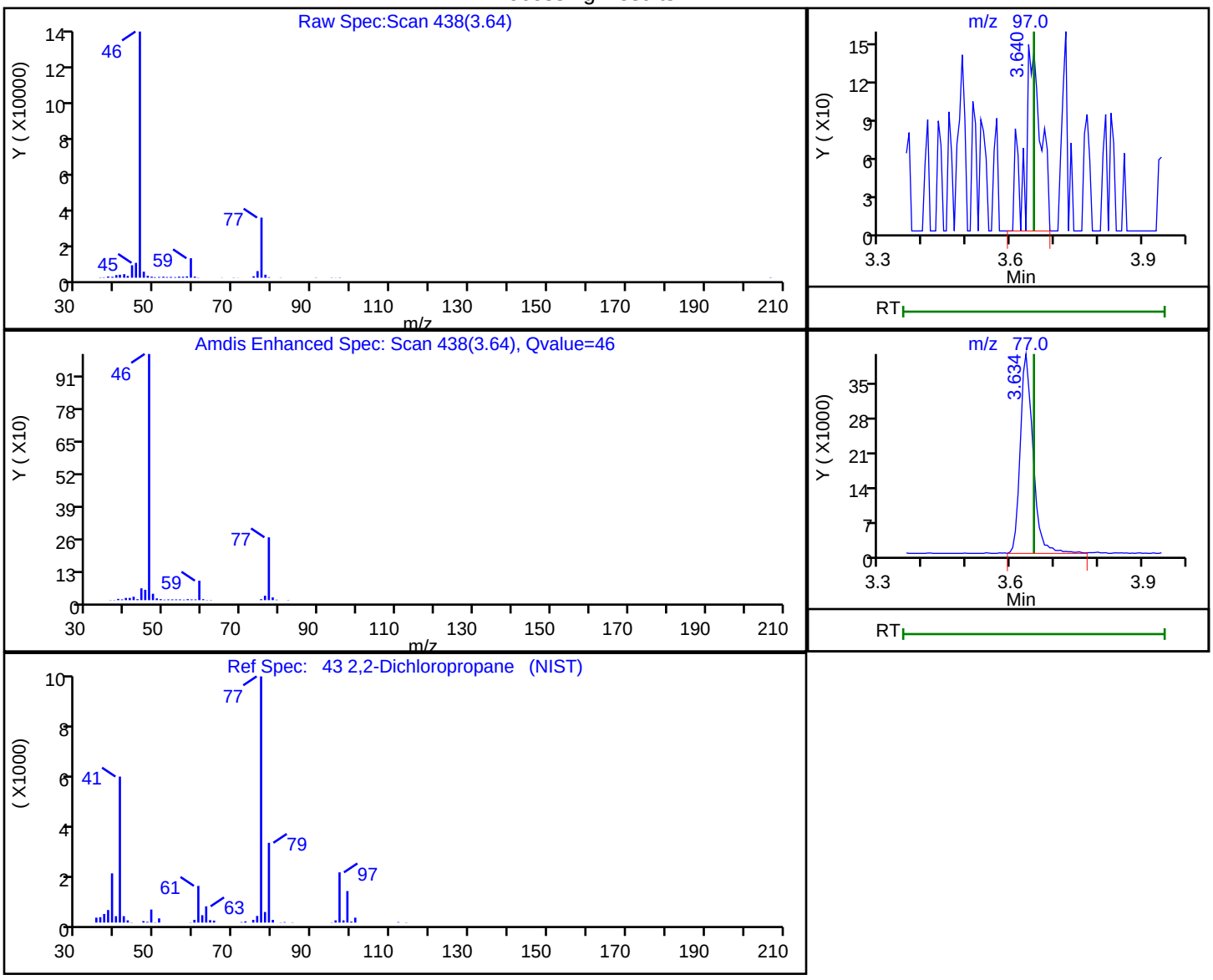
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.64	97.00	362	0.403884
3.63	77.00	81928	

Reviewer: kluseys, 06-Aug-2020 13:03:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

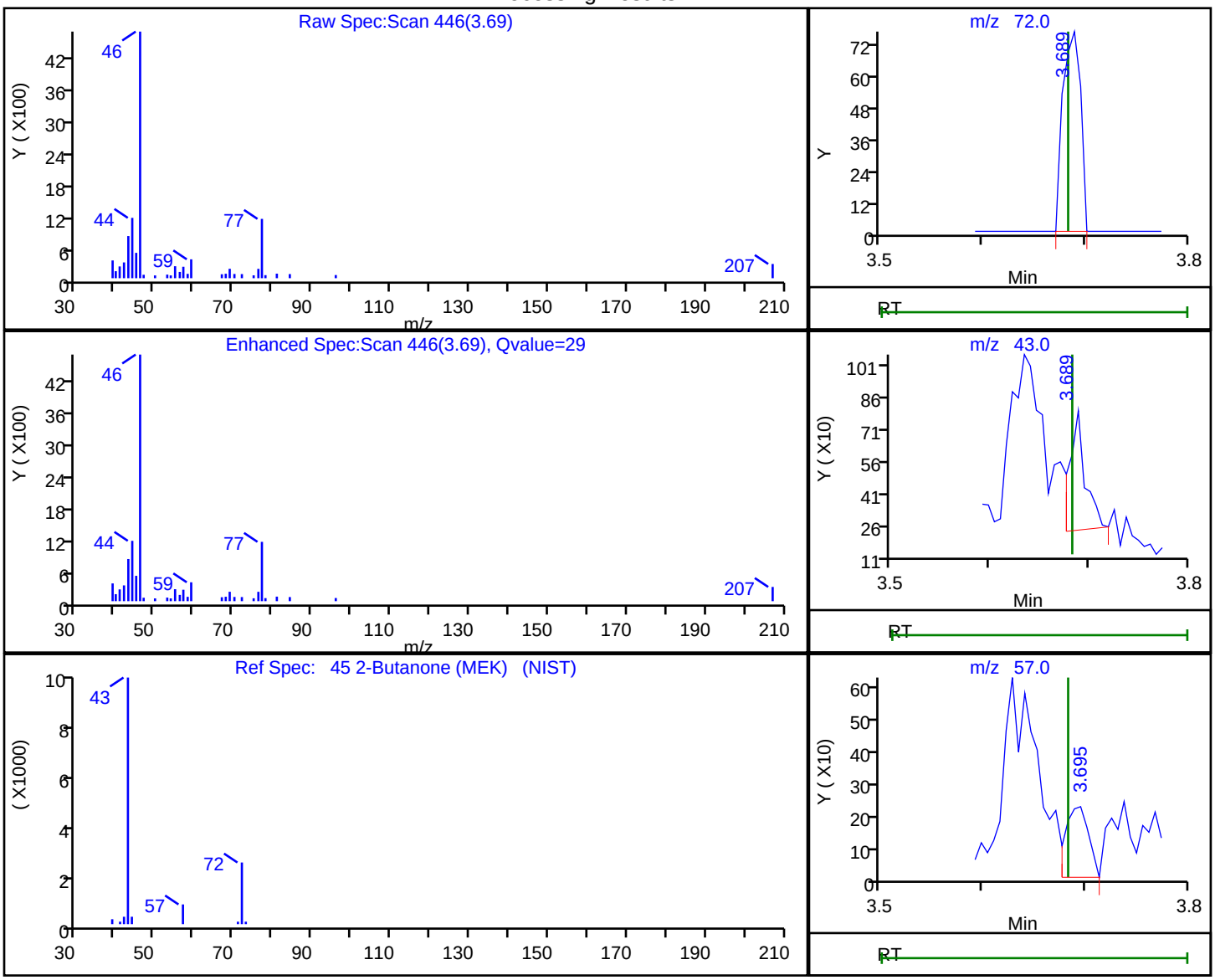
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.69	72.00	93	0.247033
3.69	43.00	615	
3.70	57.00	346	

Reviewer: kluseys, 06-Aug-2020 13:03:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

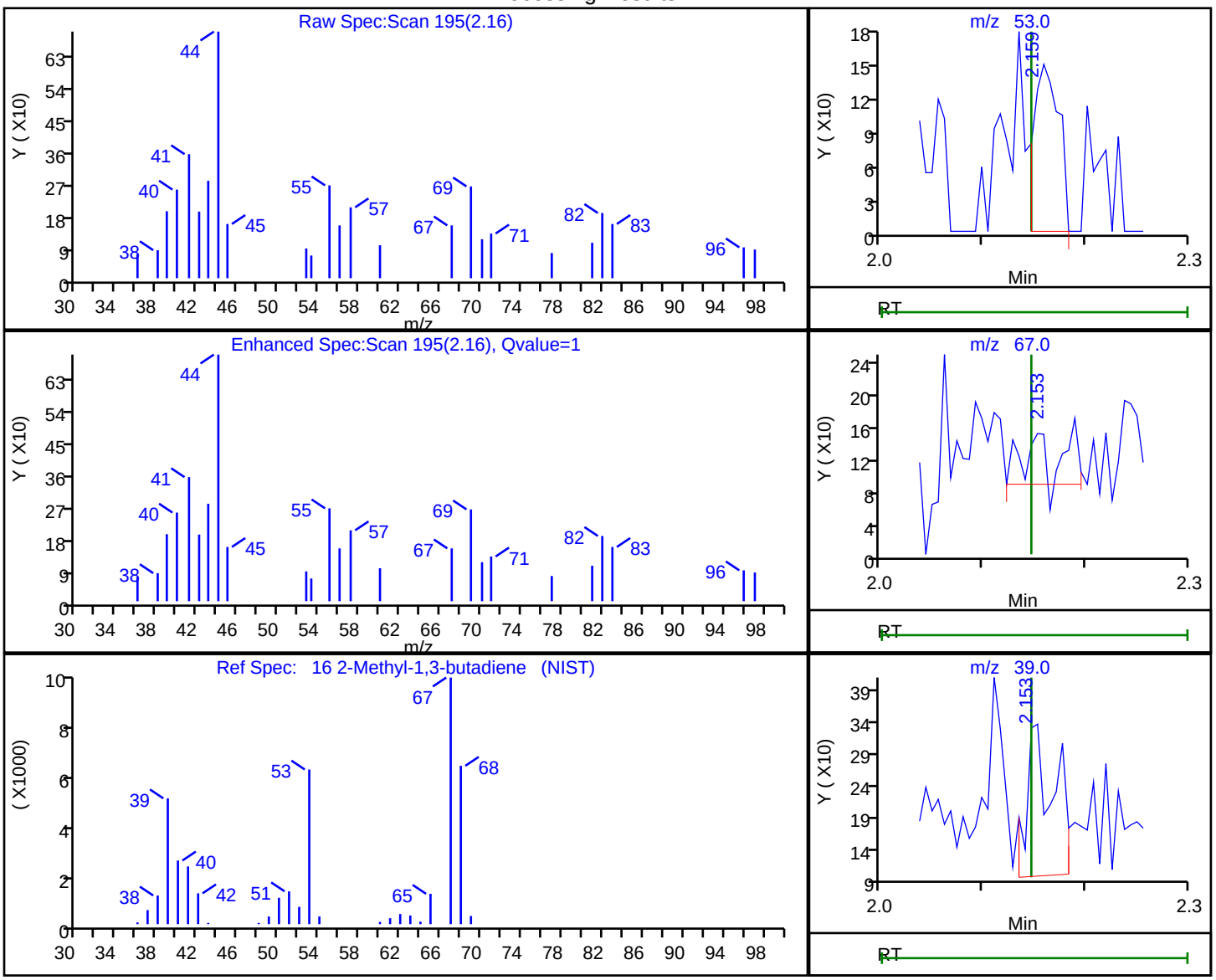
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.16	53.00	254	0.080857
2.15	67.00	158	
2.15	39.00	447	

Reviewer: kluseys, 06-Aug-2020 13:02:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

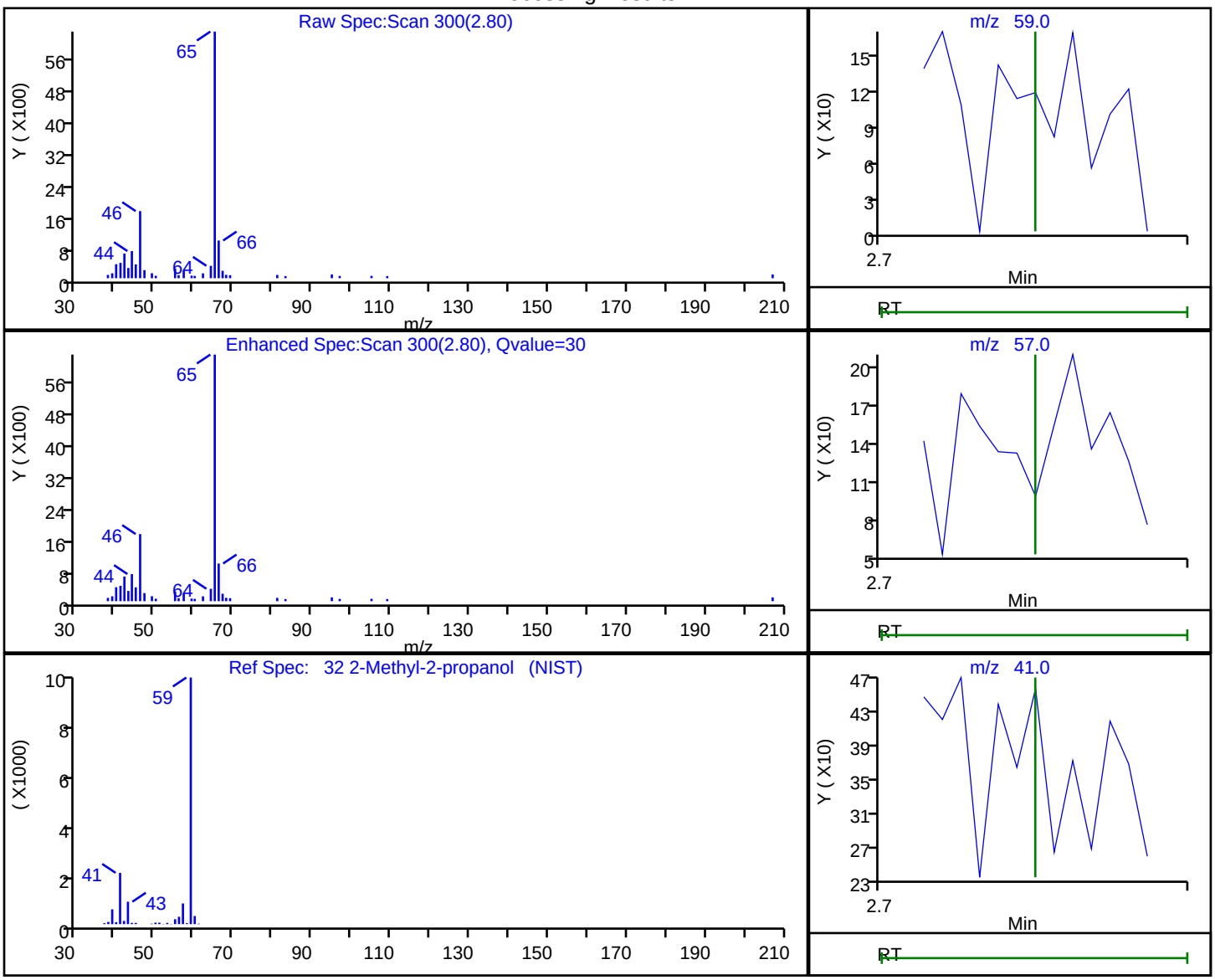
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.80	59.00	24	0.340094
2.79	57.00	178	
2.80	41.00	138	

Reviewer: kluseys, 06-Aug-2020 13:03:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

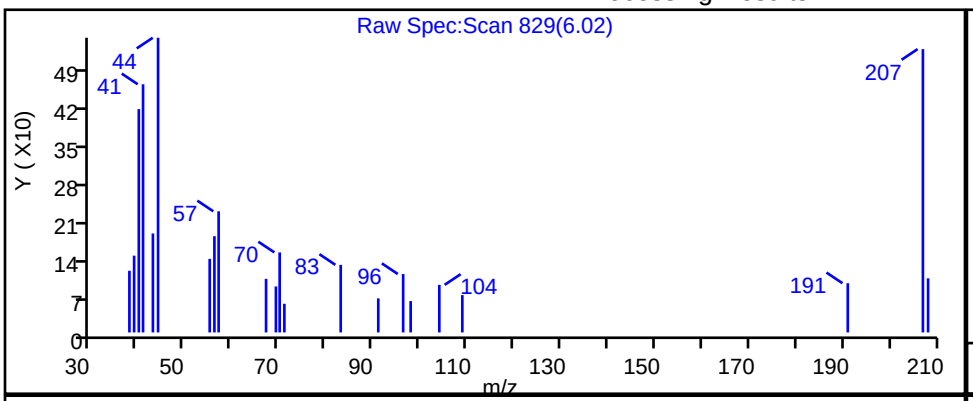
User Disabled Compound Report

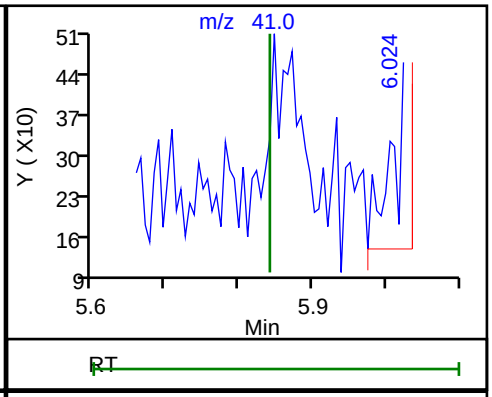
Eurofins TestAmerica, Edison

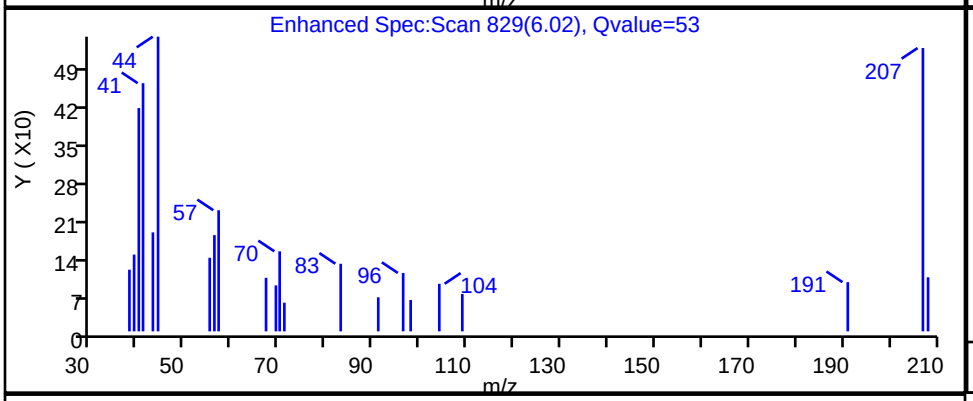
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

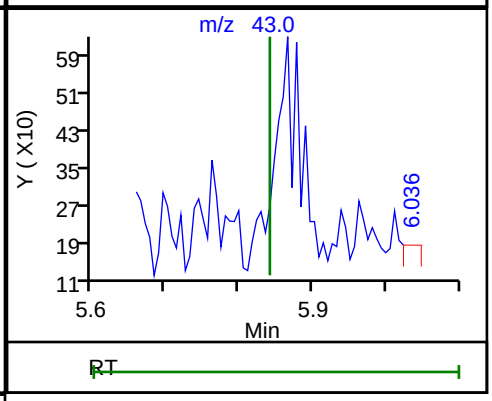
78 2-Nitropropane, CAS: 79-46-9

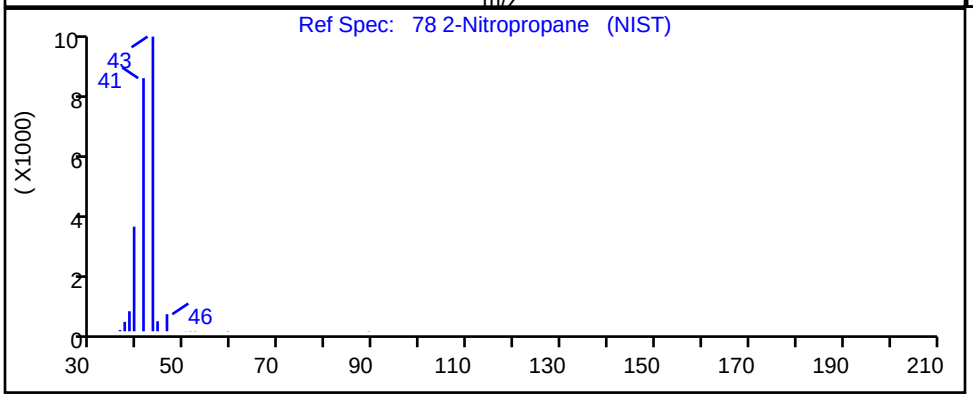
Processing Results











RT	Mass	Response	Amount
6.02	41.00	423	0.549011
6.04	43.00	38	

Reviewer: kluseys, 06-Aug-2020 13:04:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

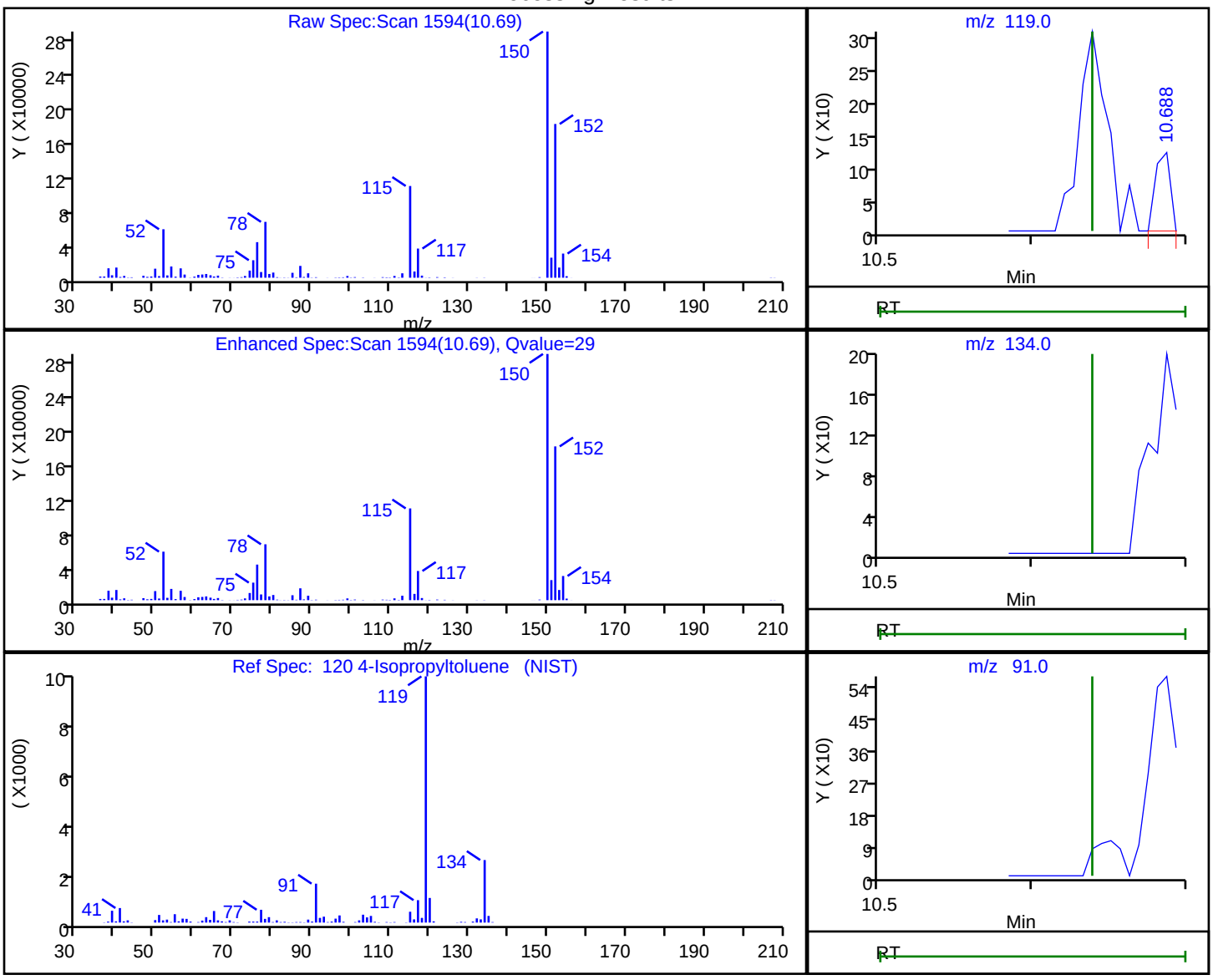
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.69	119.00	82	0.005603
10.69	134.00	210	
10.69	91.00	788	

Reviewer: kluseys, 06-Aug-2020 13:04:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

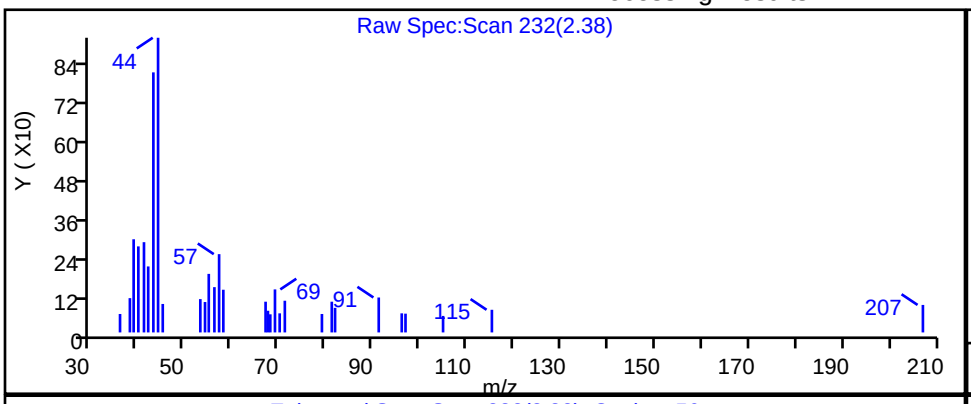
User Disabled Compound Report

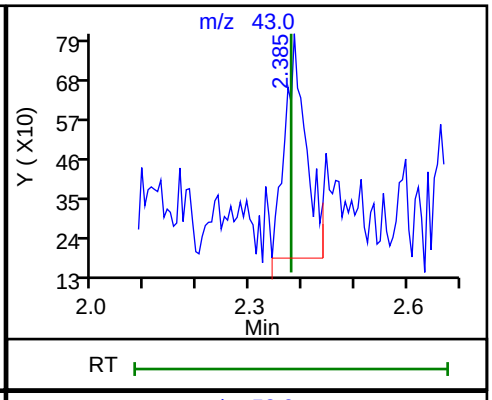
Eurofins TestAmerica, Edison

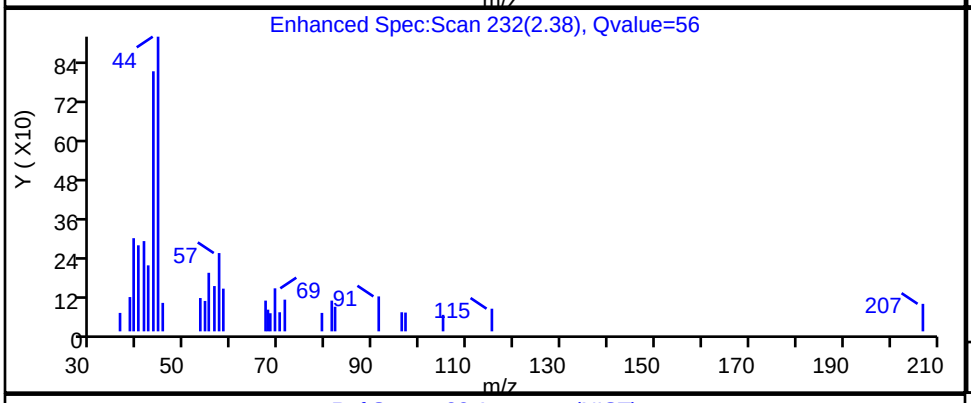
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

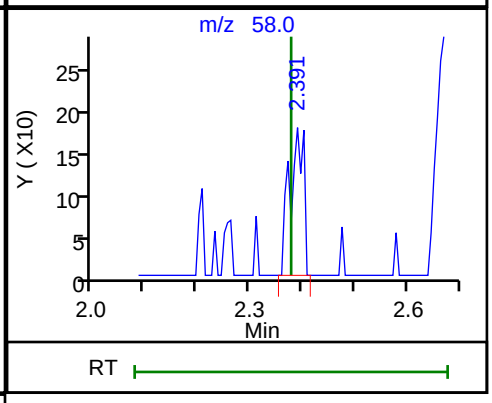
22 Acetone, CAS: 67-64-1

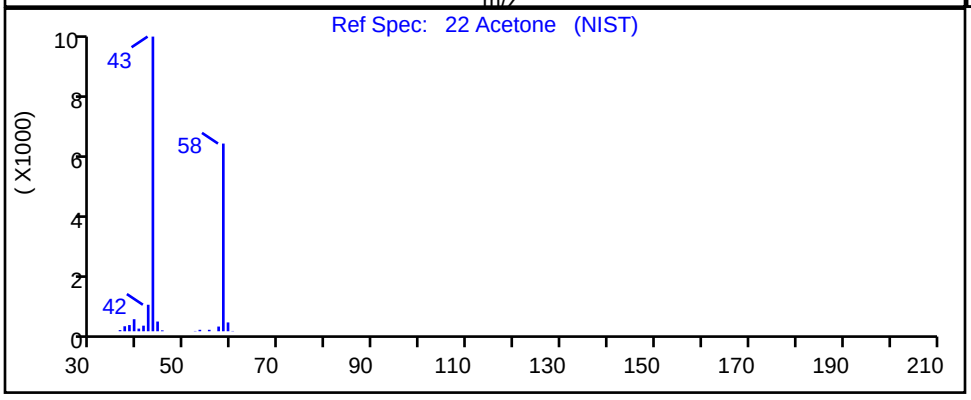
Processing Results











RT	Mass	Response	Amount
2.38	43.00	1756	1.729836
2.39	58.00	330	

Reviewer: kluseys, 06-Aug-2020 13:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

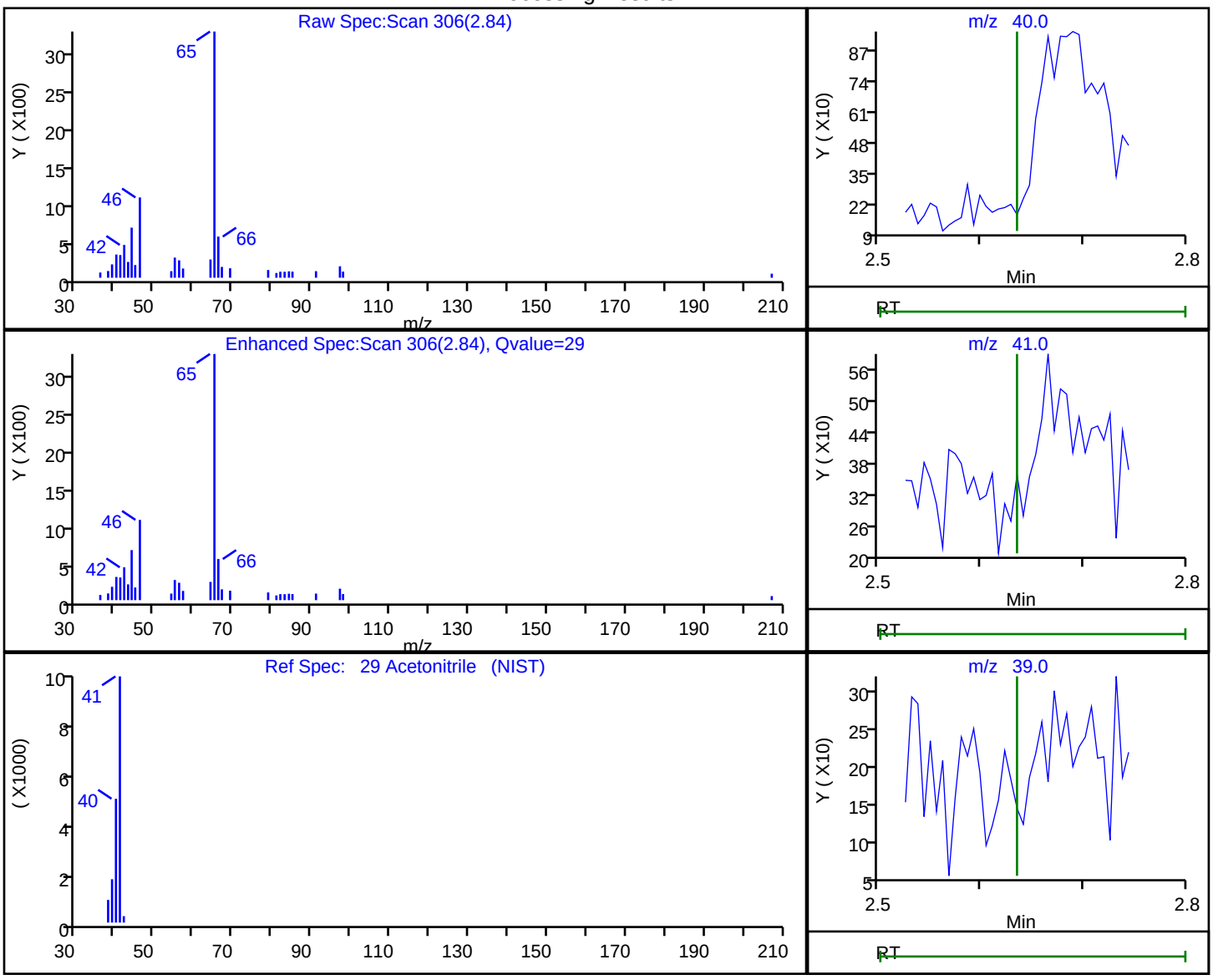
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	40.00	234	1.460789
2.84	41.00	297	
2.84	39.00	352	
2.83	38.00	180	

Reviewer: kluseys, 06-Aug-2020 13:03:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

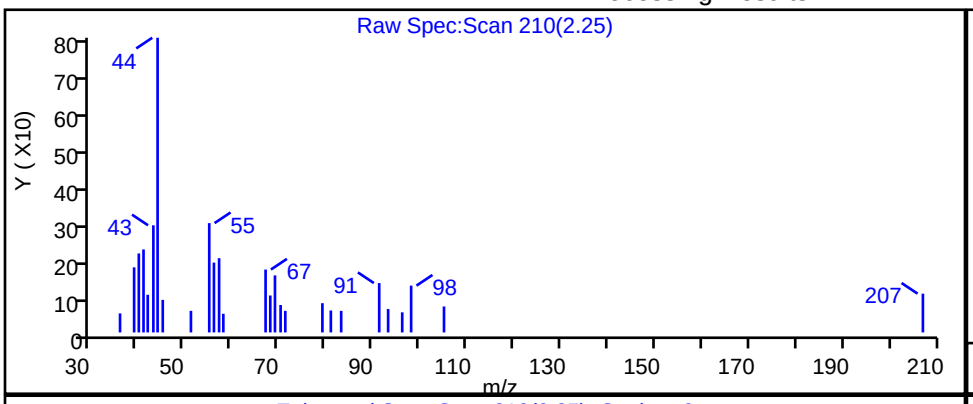
User Disabled Compound Report

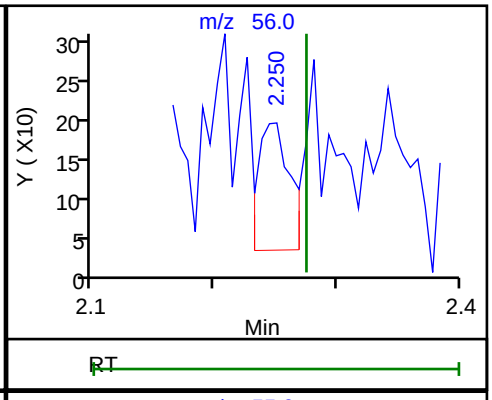
Eurofins TestAmerica, Edison

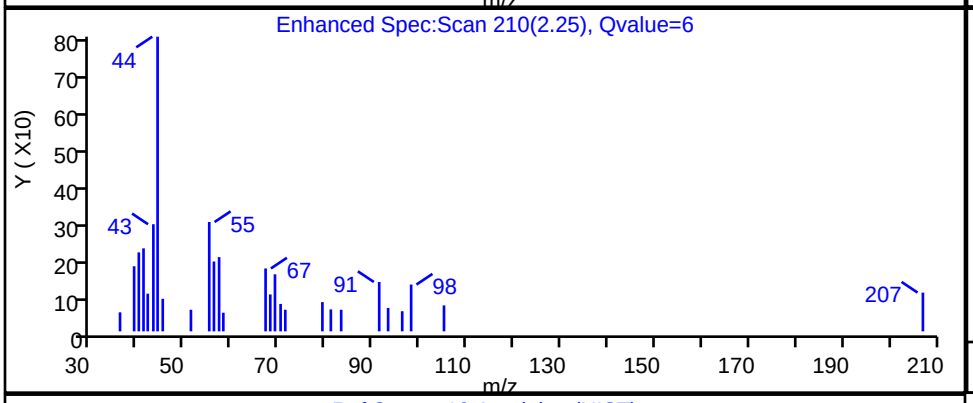
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

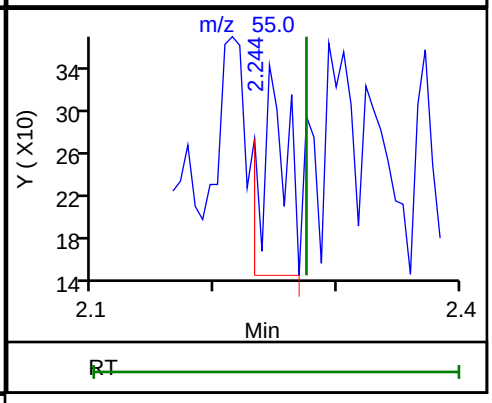
19 Acrolein, CAS: 107-02-8

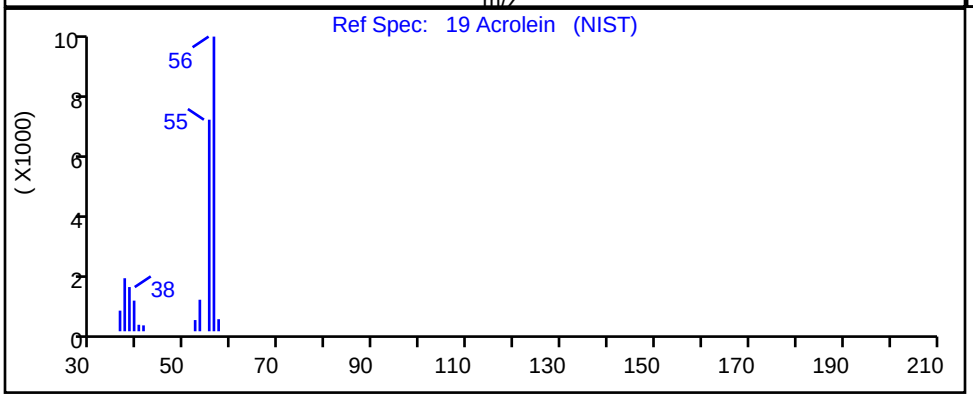
Processing Results











RT	Mass	Response	Amount
2.25	56.00	299	0.614502
2.24	55.00	263	

Reviewer: kluseys, 06-Aug-2020 13:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

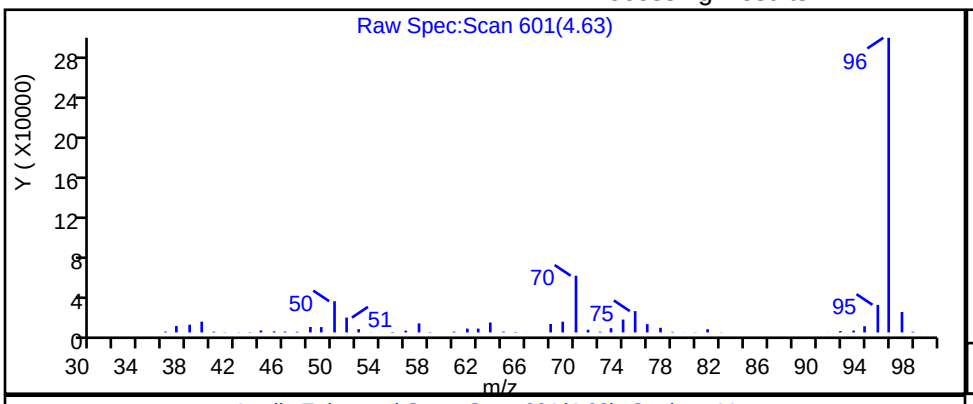
User Disabled Compound Report

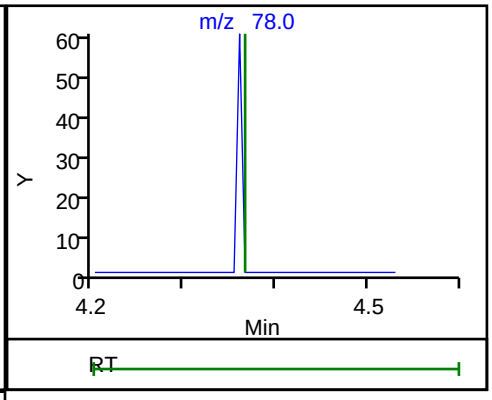
Eurofins TestAmerica, Edison

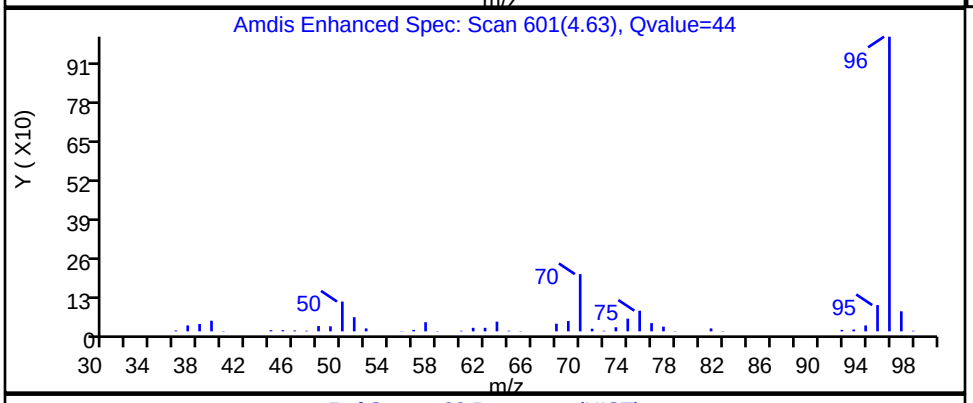
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

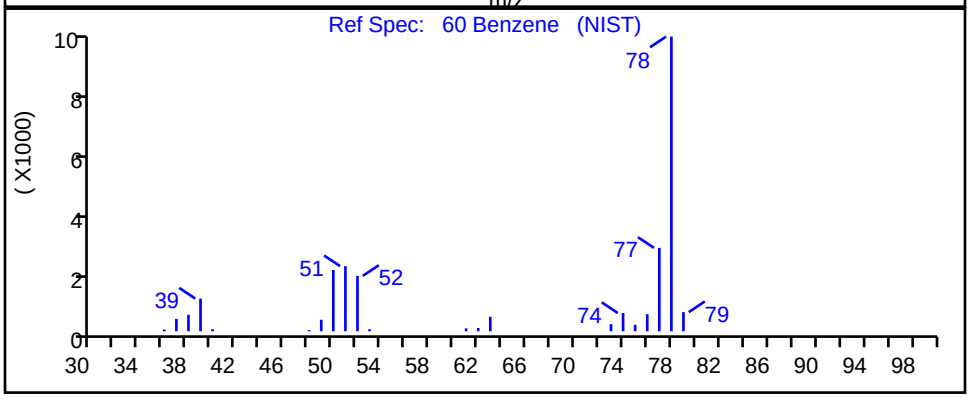
60 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
4.63	78.00	839	0.069815

Reviewer: kluseys, 06-Aug-2020 13:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

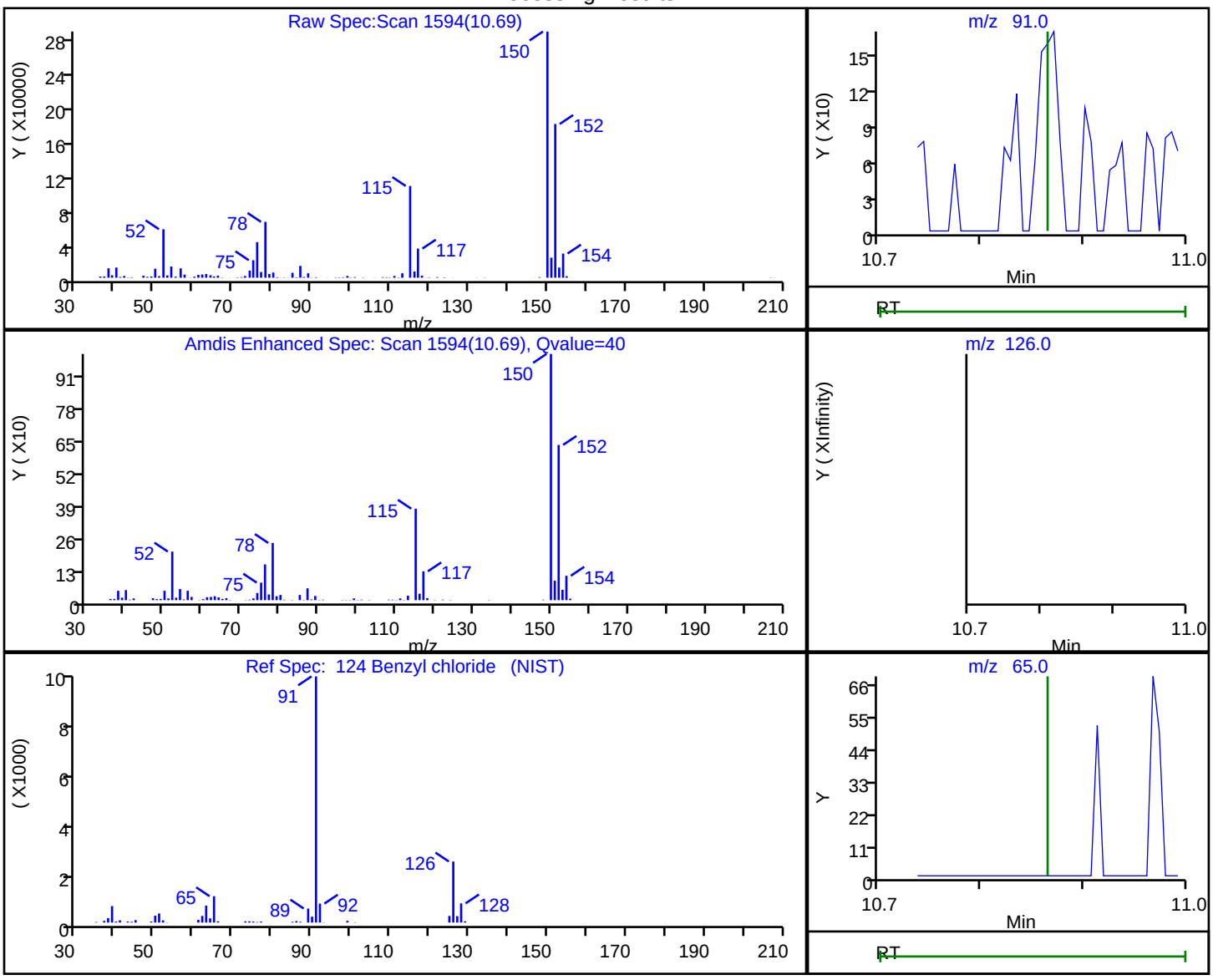
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.69	91.00	788	0.096354
10.69	126.00	91	
10.69	65.00	1818	

Reviewer: kluseys, 06-Aug-2020 13:04:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

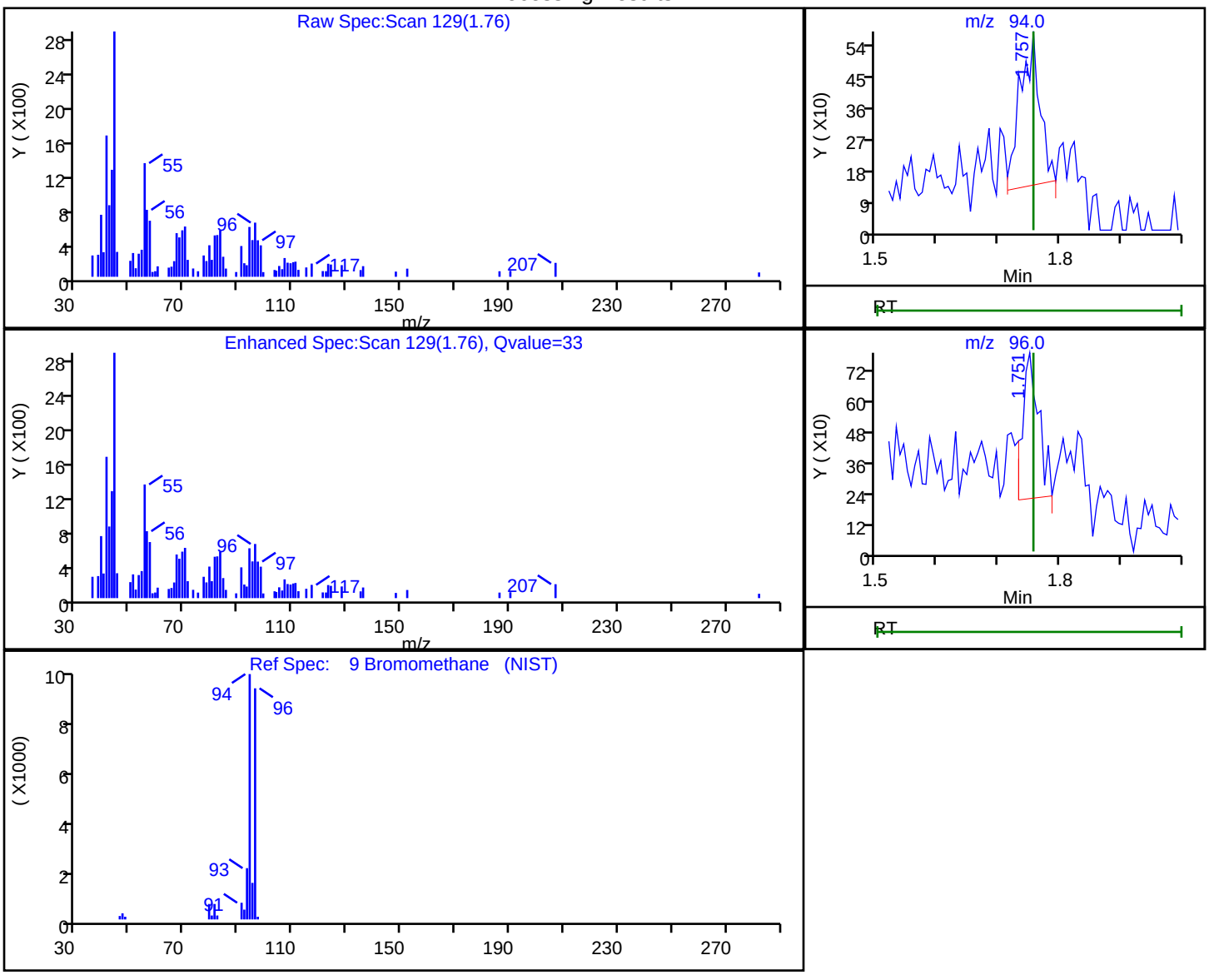
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.76	94.00	992	0.262698
1.75	96.00	1063	

Reviewer: kluseys, 06-Aug-2020 13:02:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

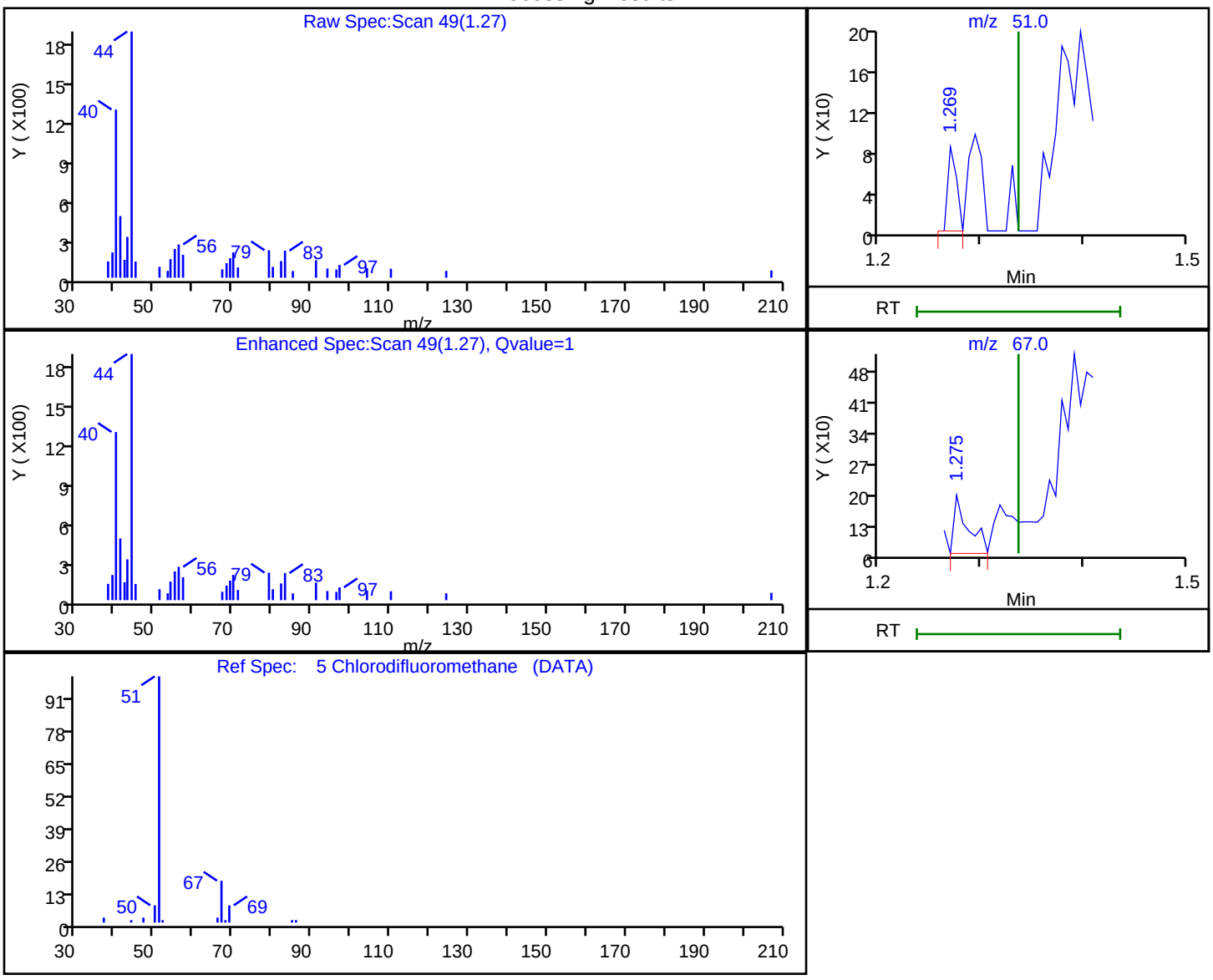
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.27	51.00	48	0.008694
1.28	67.00	127	

Reviewer: kluseys, 06-Aug-2020 13:02:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

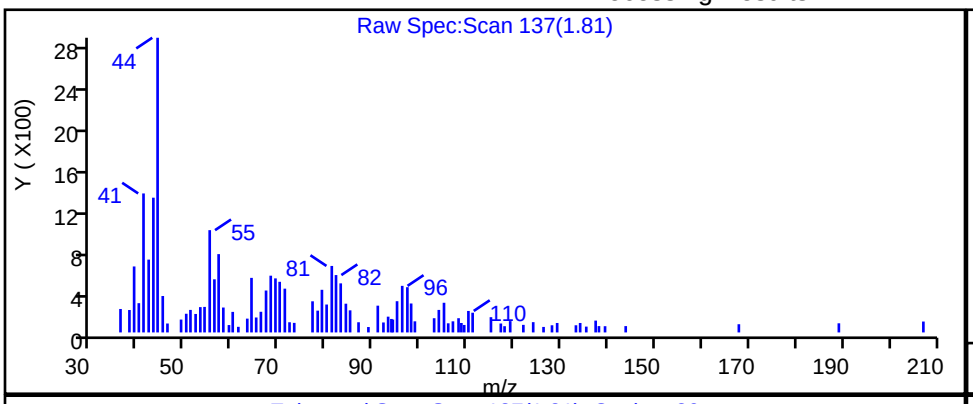
User Disabled Compound Report

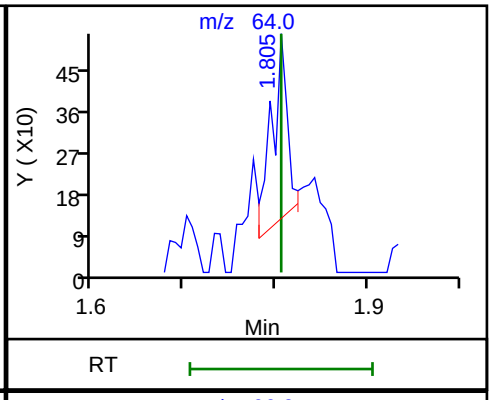
Eurofins TestAmerica, Edison

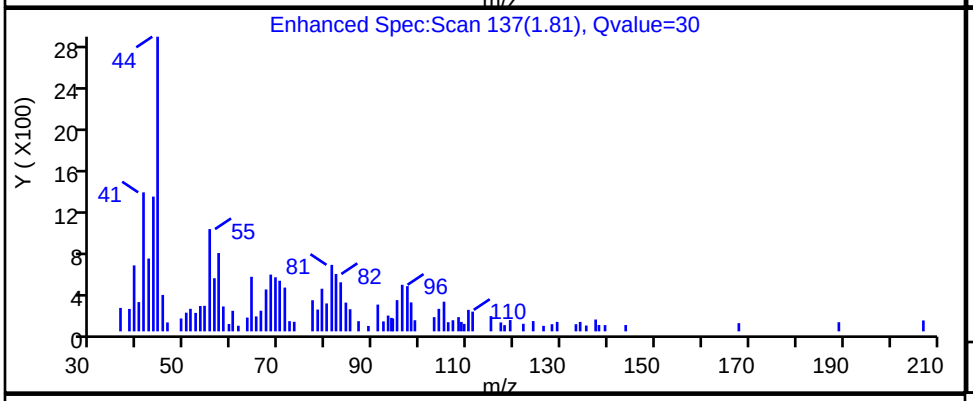
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

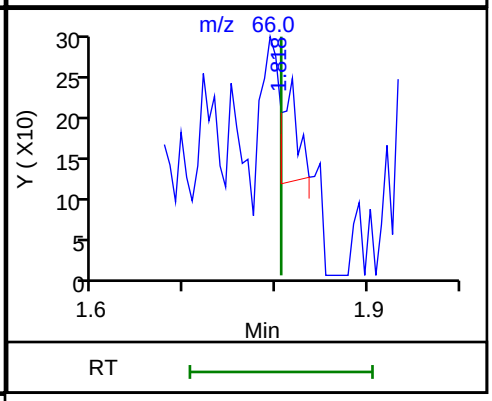
10 Chloroethane, CAS: 75-00-3

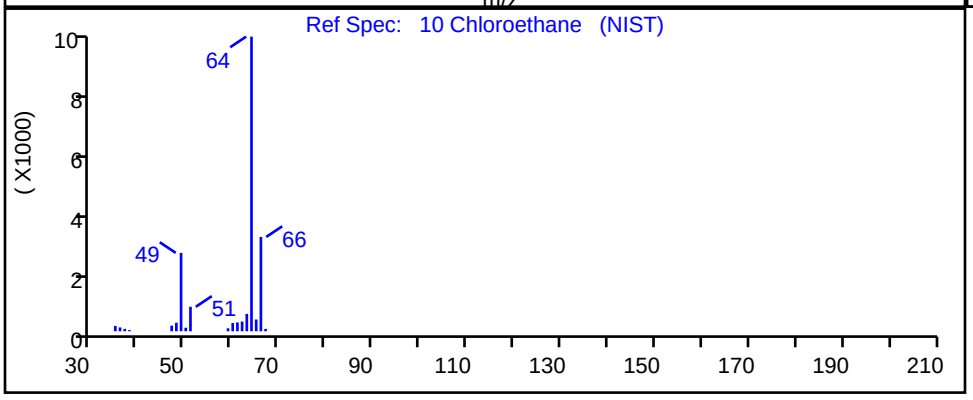
Processing Results











RT	Mass	Response	Amount
1.81	64.00	489	0.169716
1.82	66.00	140	

Reviewer: kluseys, 06-Aug-2020 13:02:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

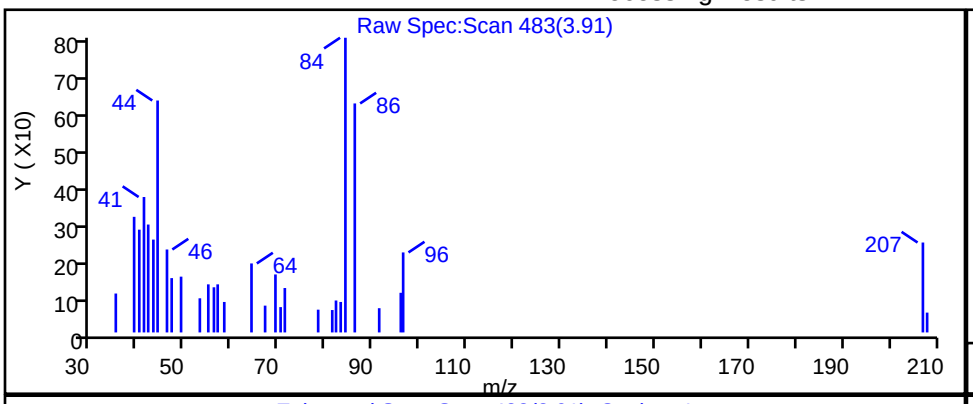
User Disabled Compound Report

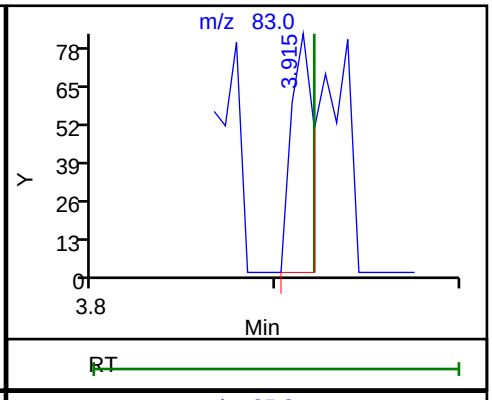
Eurofins TestAmerica, Edison

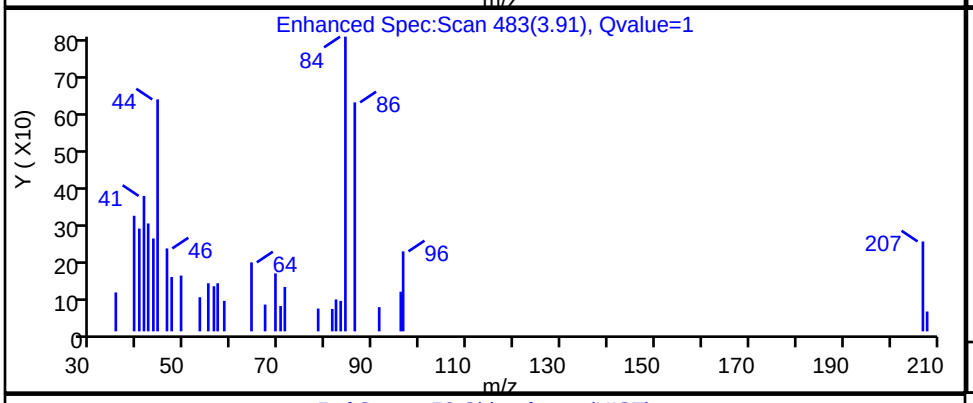
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

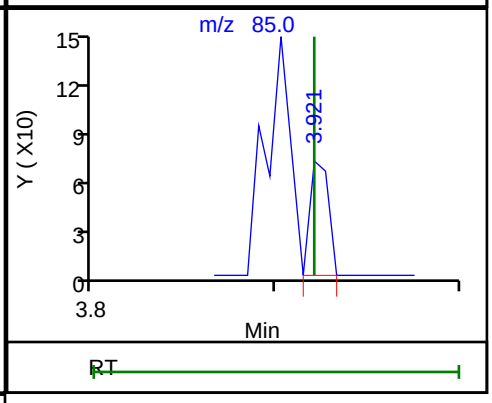
52 Chloroform, CAS: 67-66-3

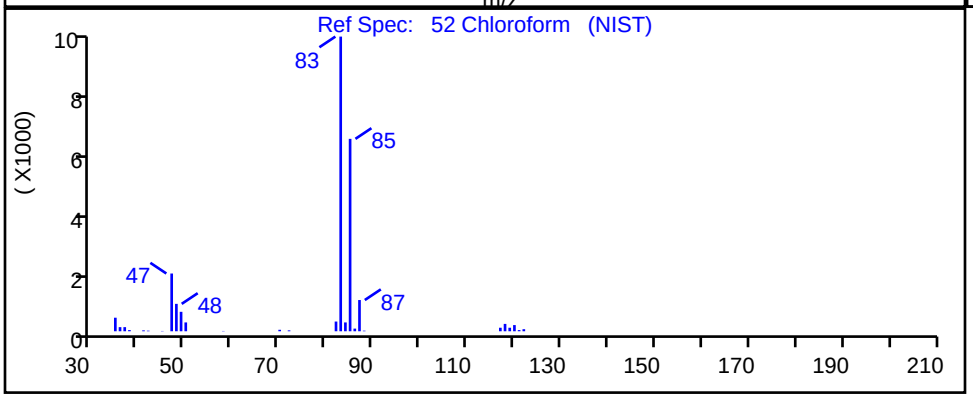
Processing Results











RT	Mass	Response	Amount
3.91	83.00	70	0.012622
3.92	85.00	48	

Reviewer: kluseys, 06-Aug-2020 13:03:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

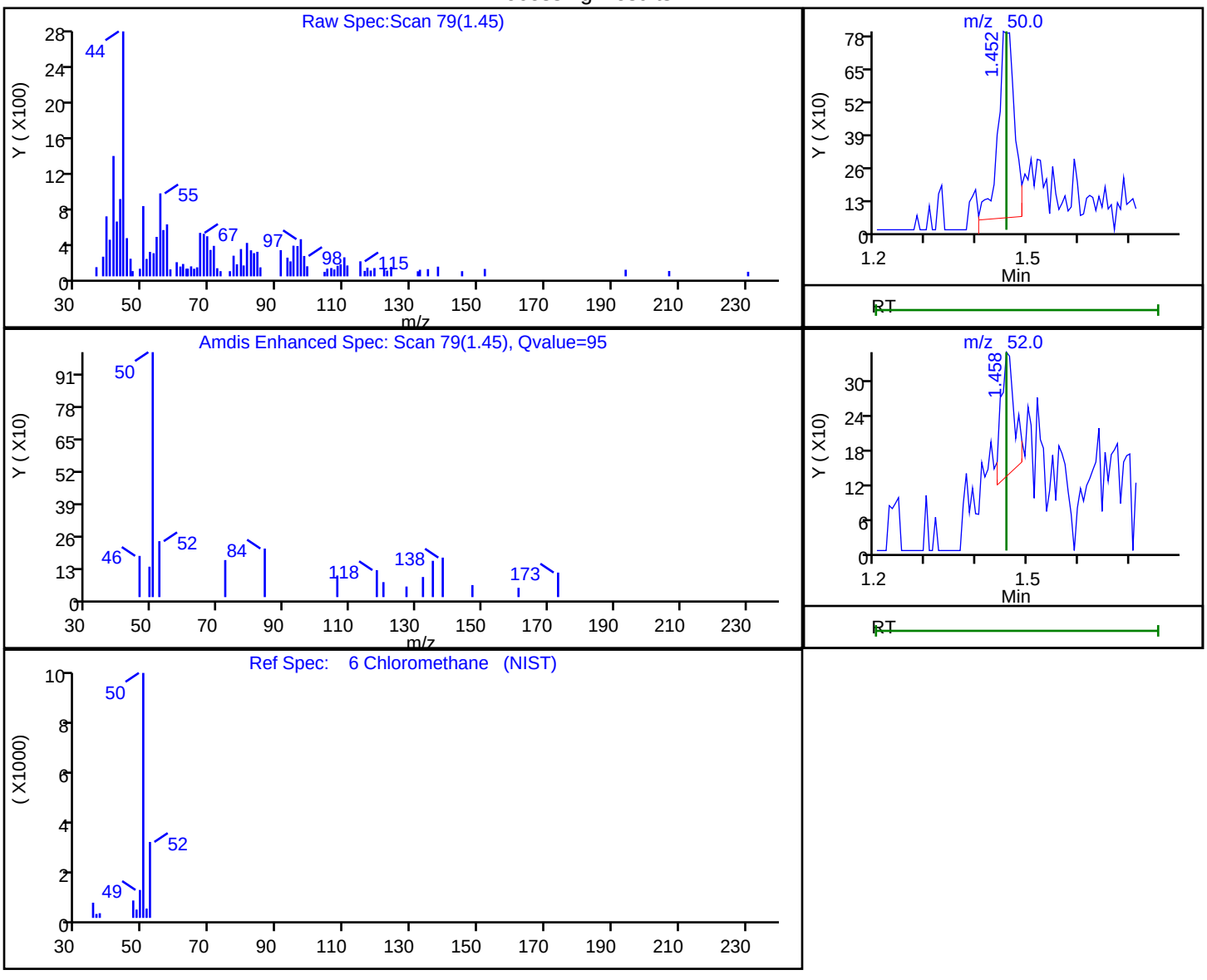
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.45	50.00	1691	0.283913
1.46	52.00	388	

Reviewer: kluseys, 06-Aug-2020 13:02:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

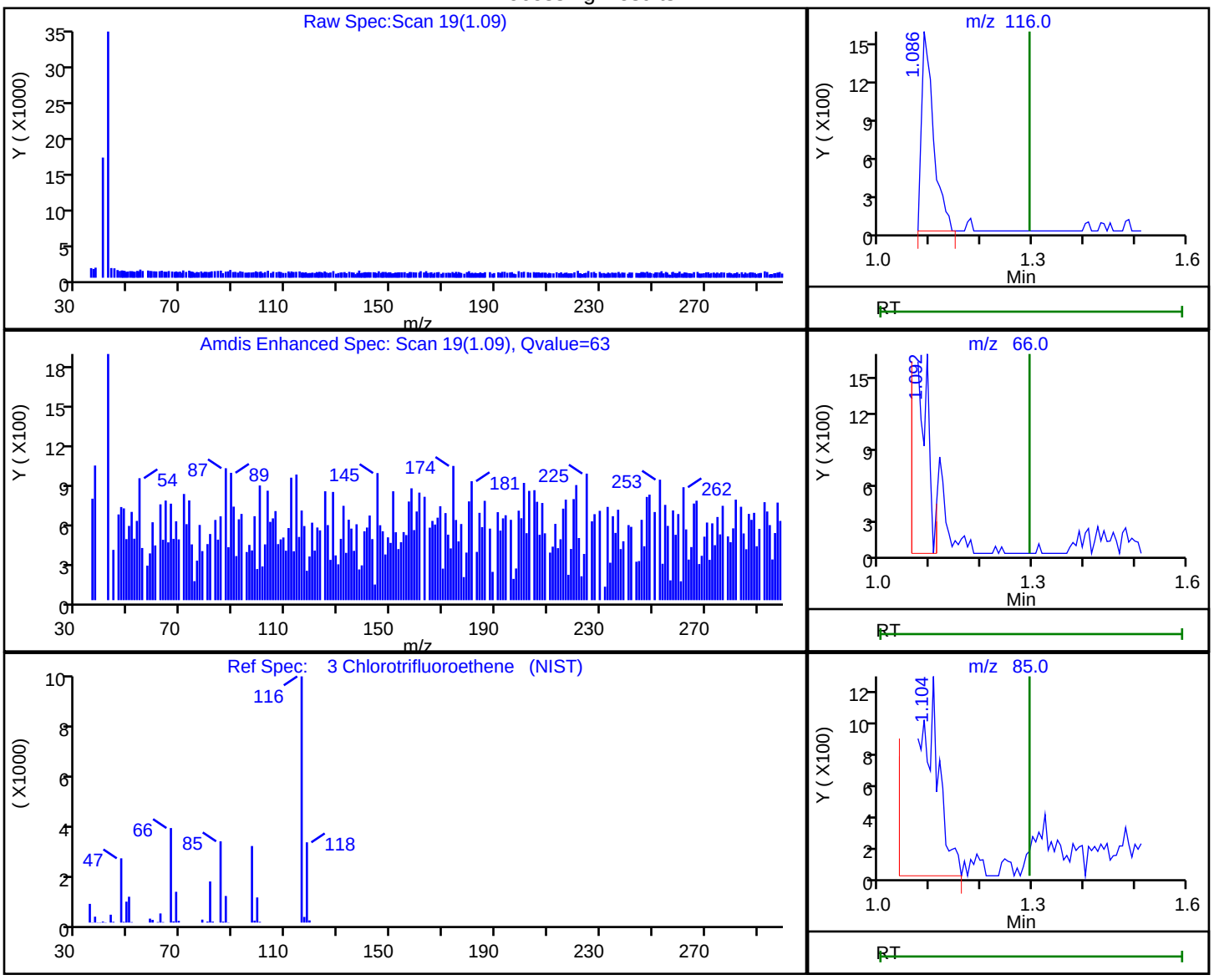
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.09	116.00	2432	0.818545
1.09	66.00	2587	
1.10	85.00	3339	
1.07	118.00	2119	

Reviewer: kluseys, 06-Aug-2020 13:01:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

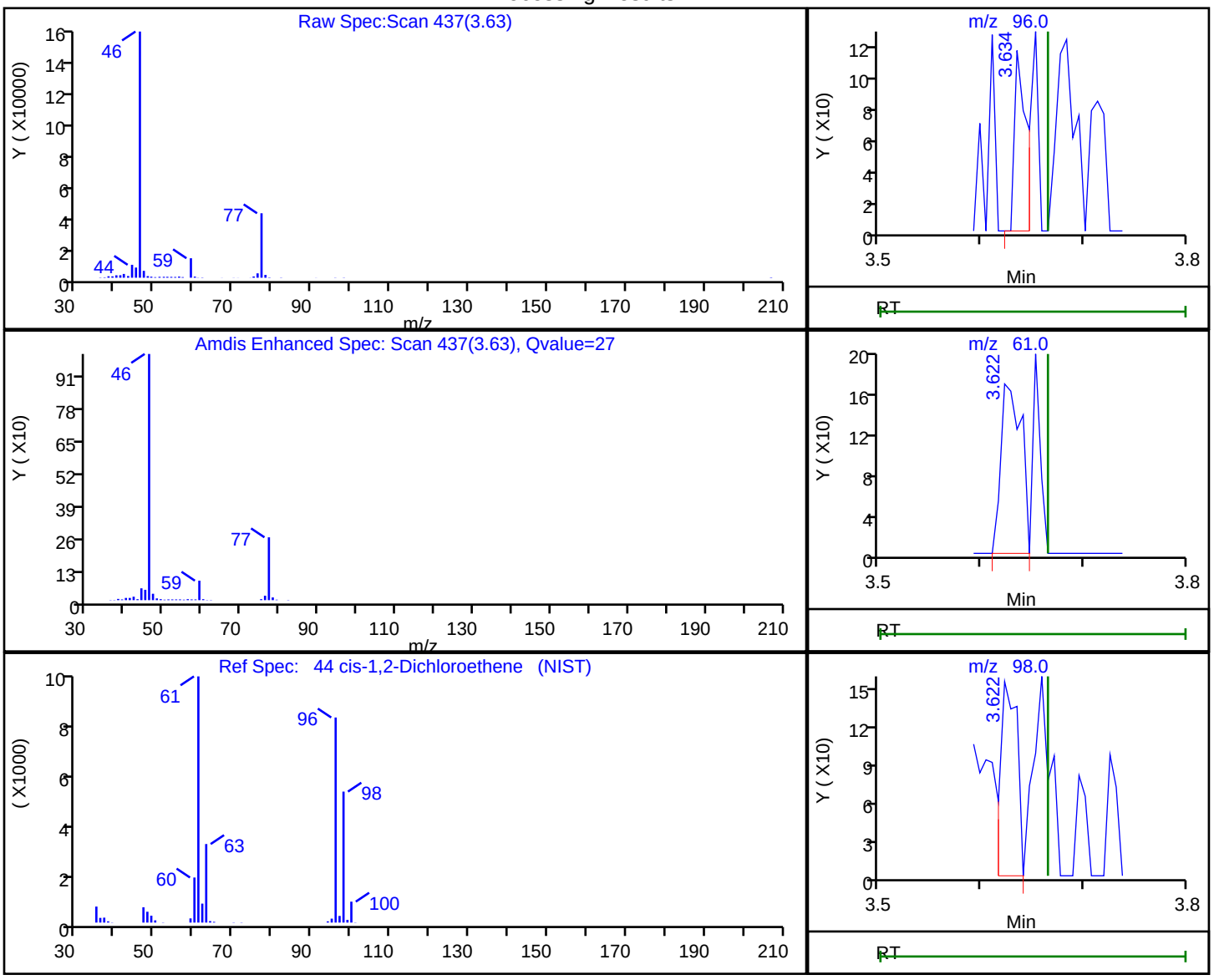
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.63	96.00	93	0.023433
3.62	61.00	229	
3.62	98.00	170	

Reviewer: kluseys, 06-Aug-2020 13:03:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

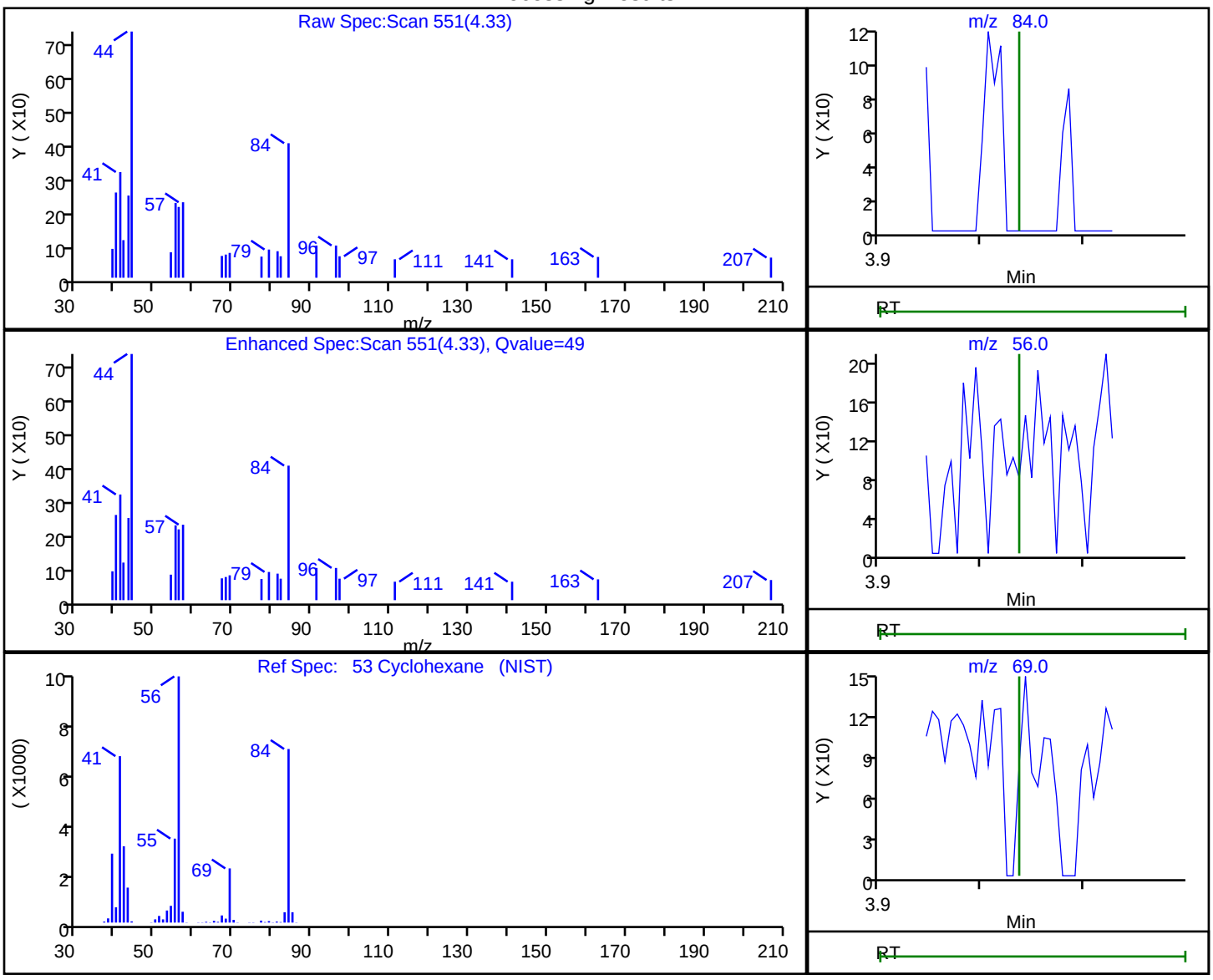
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.33	84.00	416	0.073424
4.33	56.00	466	
4.32	69.00	302	

Reviewer: kluseys, 06-Aug-2020 13:03:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

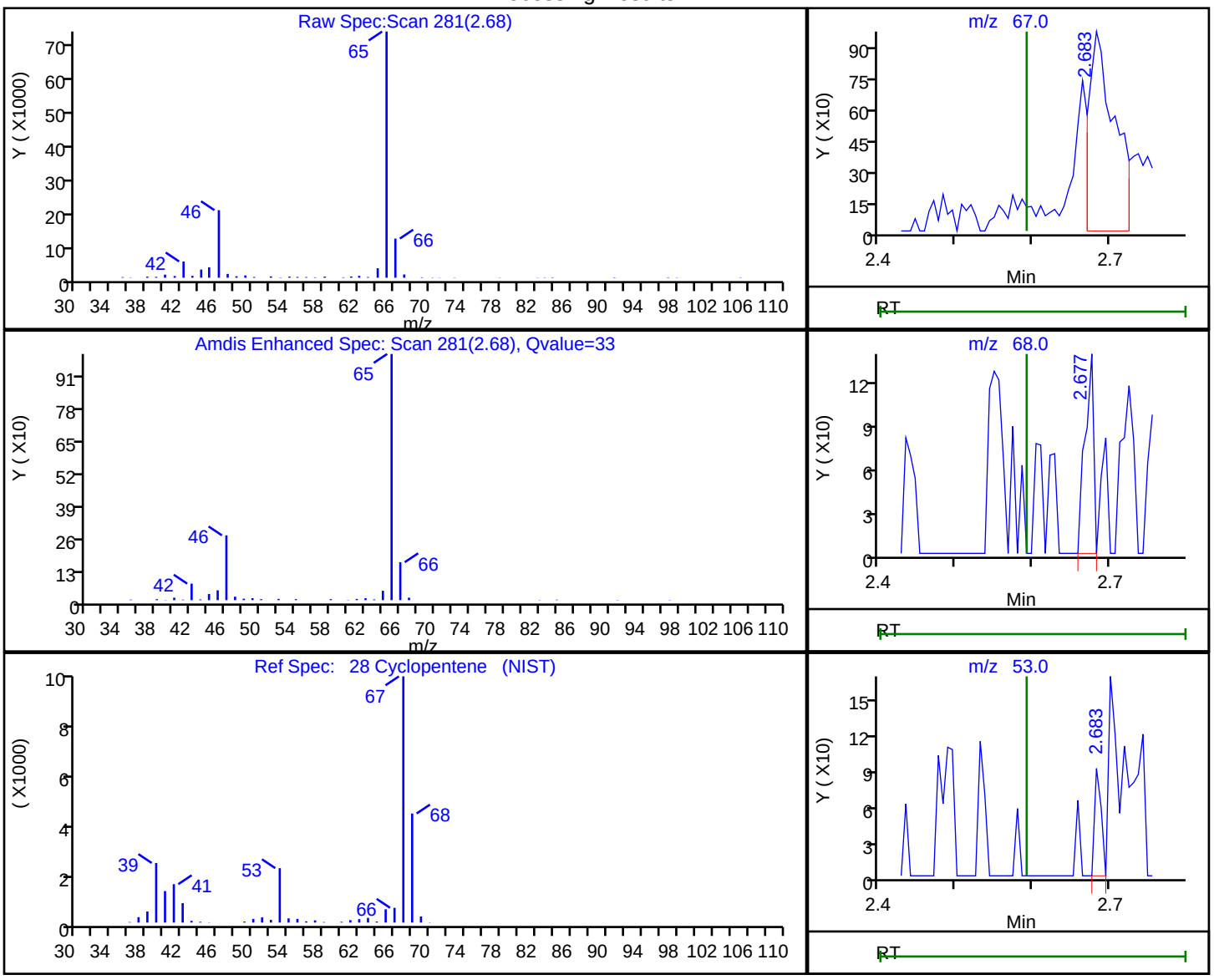
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.68	67.00	2263	0.245199
2.68	68.00	108	
2.68	53.00	55	

Reviewer: kluseys, 06-Aug-2020 13:02:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

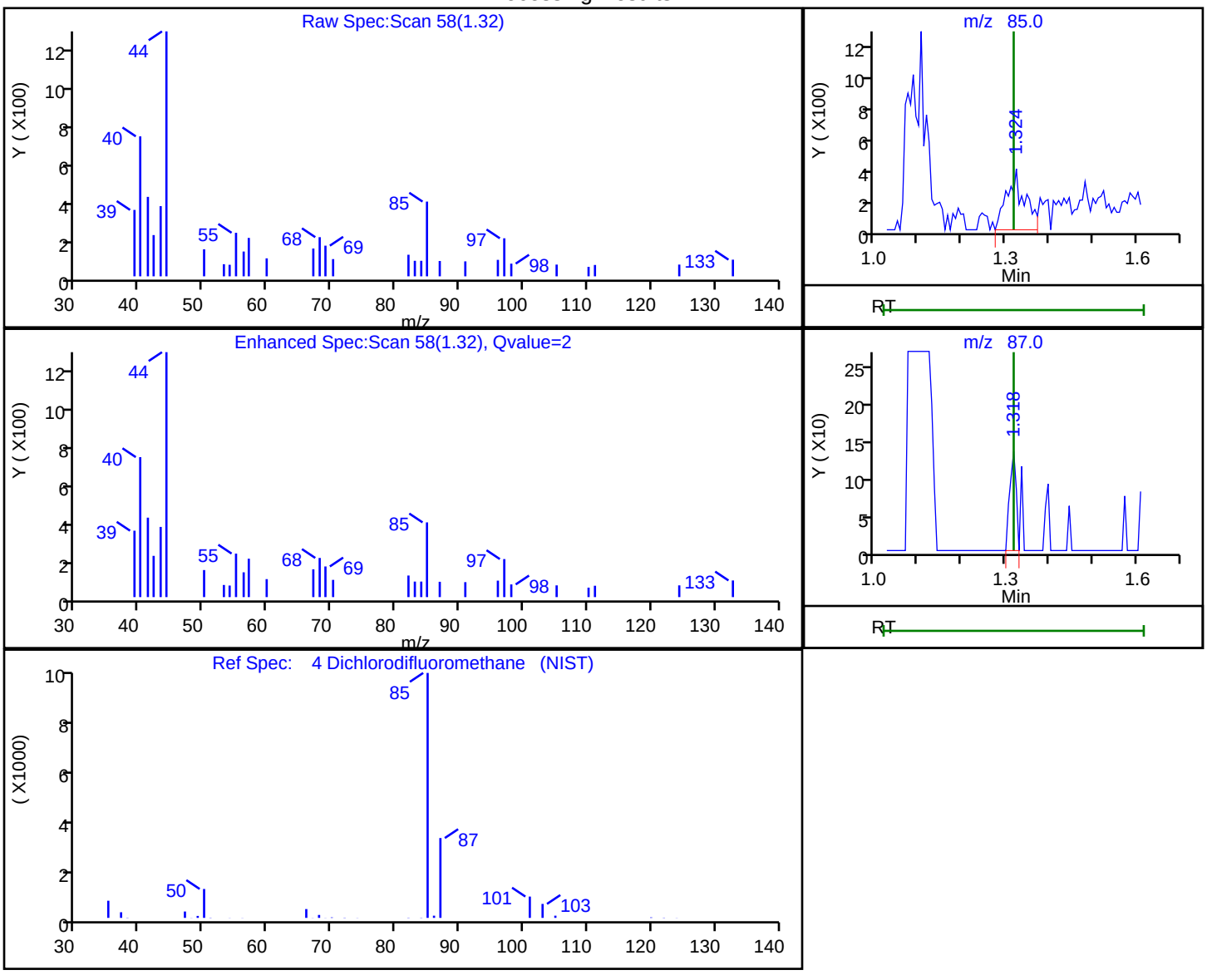
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.32	85.00	1108	0.238413
1.32	87.00	135	

Reviewer: kluseys, 06-Aug-2020 13:01:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

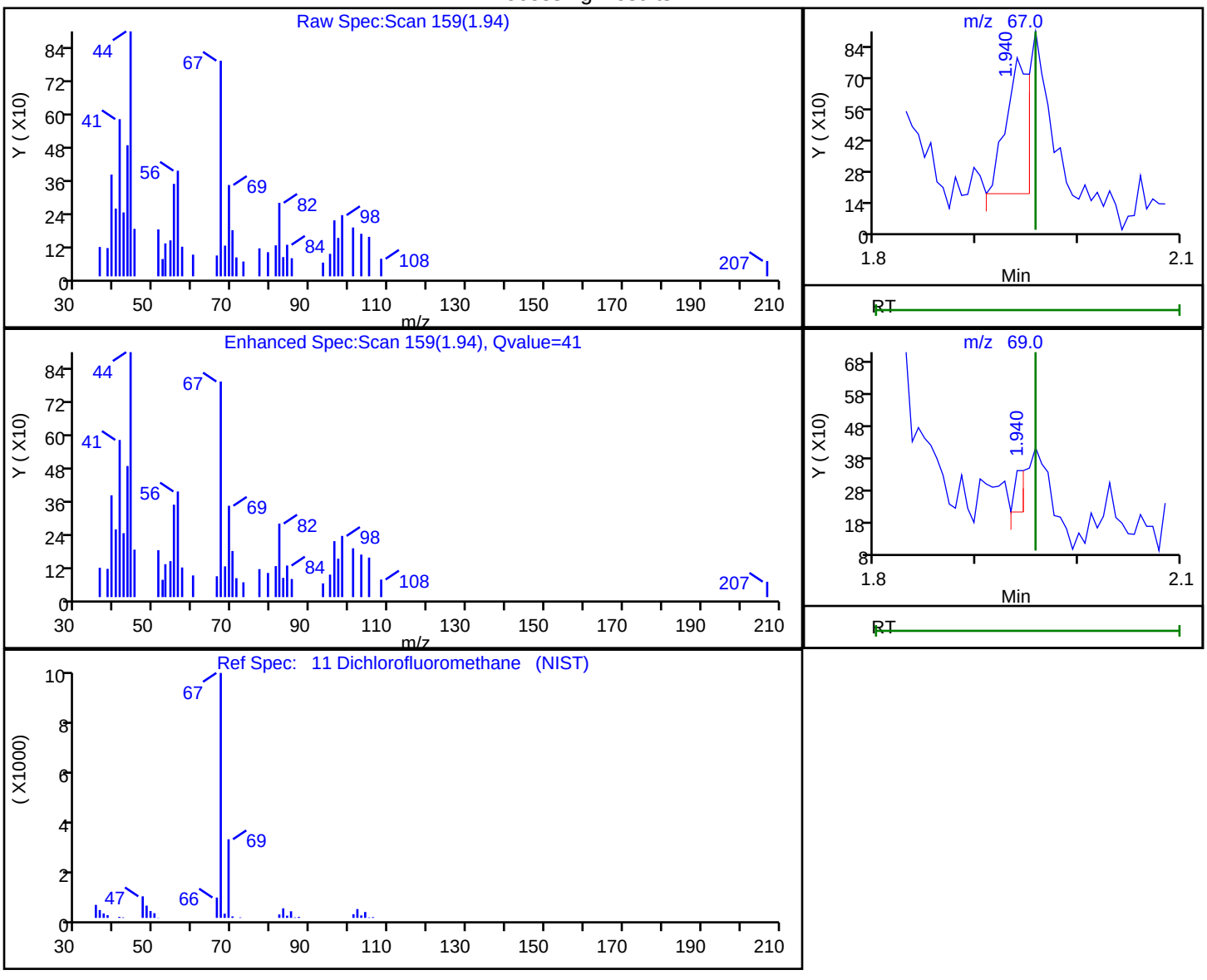
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.94	67.00	990	0.152557
1.94	69.00	95	

Reviewer: kluseys, 06-Aug-2020 13:02:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

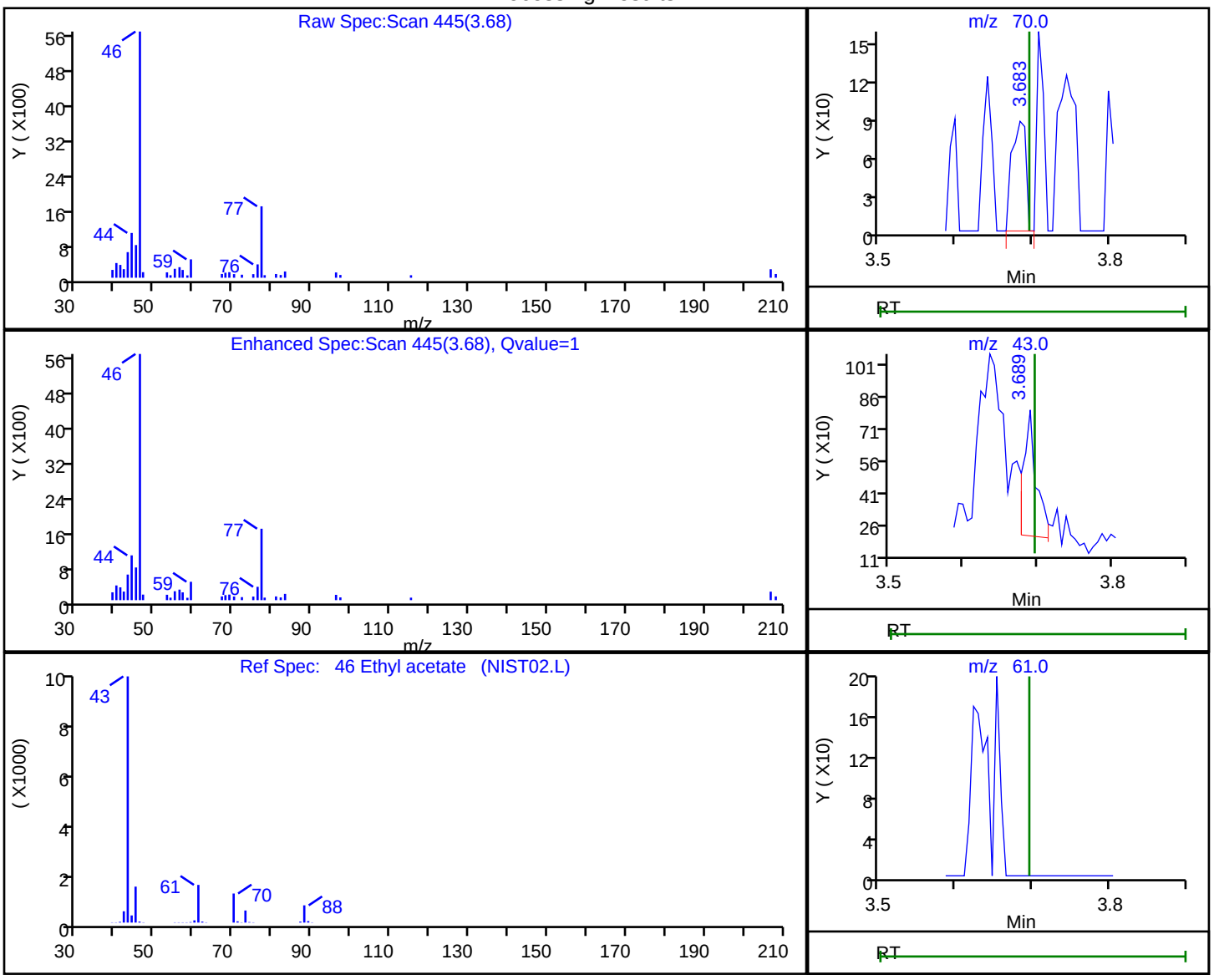
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.68	70.00	105	0.296611
3.69	43.00	709	
3.69	61.00	0	

Reviewer: kluseys, 06-Aug-2020 13:03:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

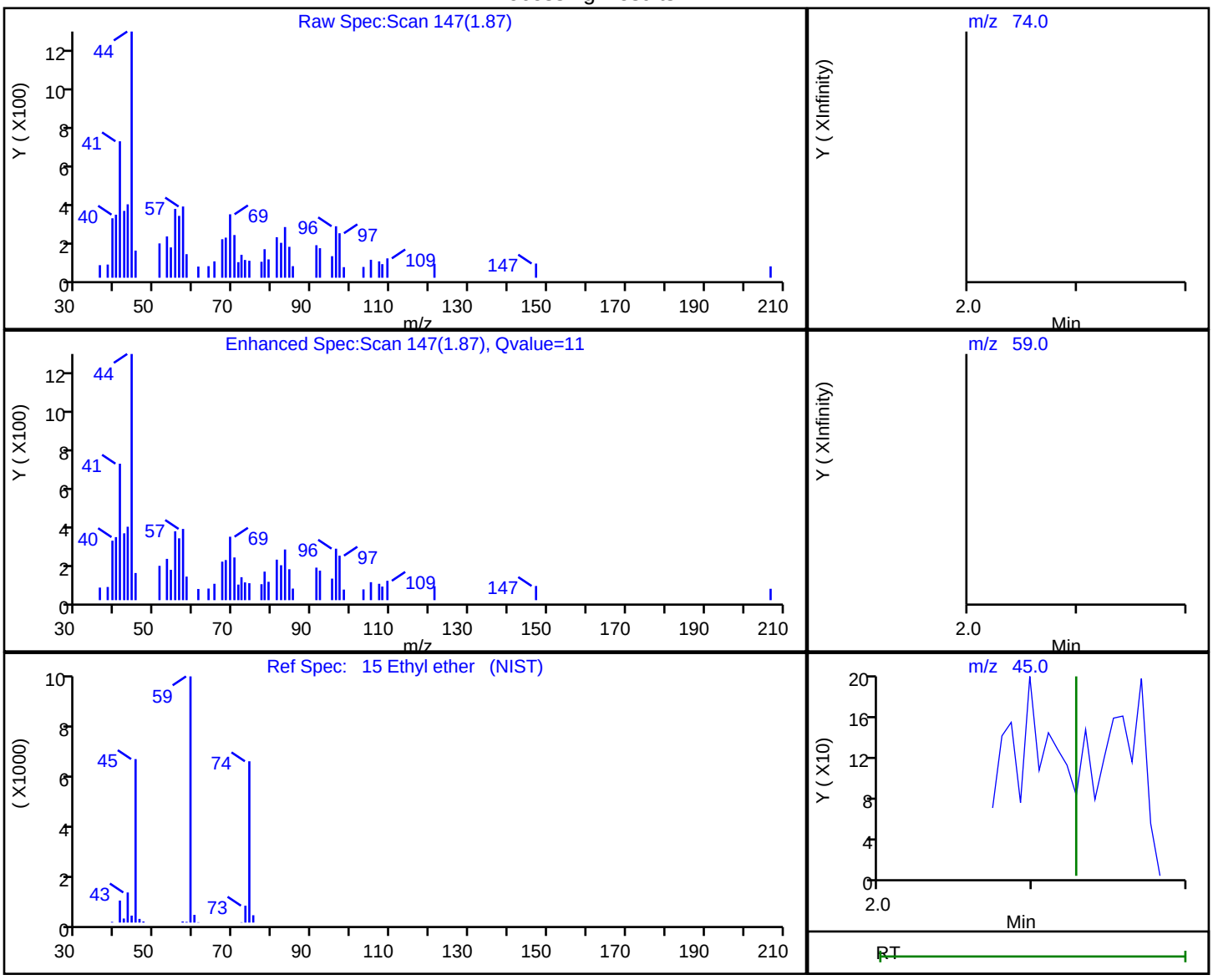
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.87	74.00	58	0.029785
1.85	59.00	84	
1.87	45.00	152	

Reviewer: kluseys, 06-Aug-2020 13:02:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

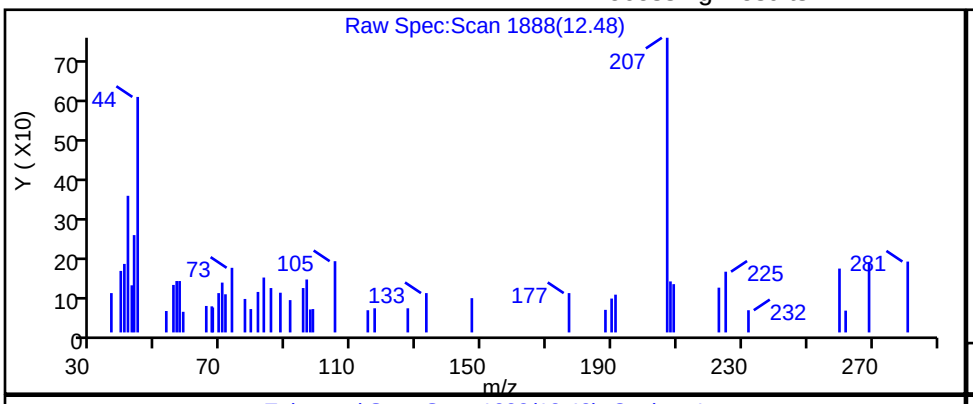
User Disabled Compound Report

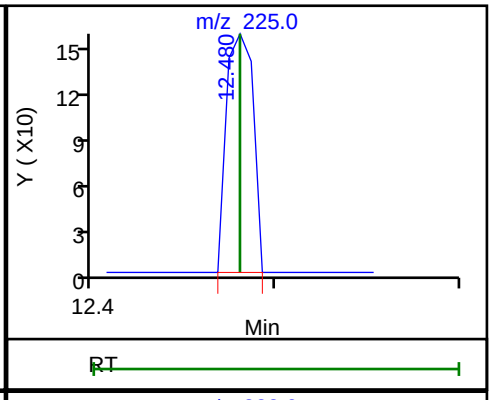
Eurofins TestAmerica, Edison

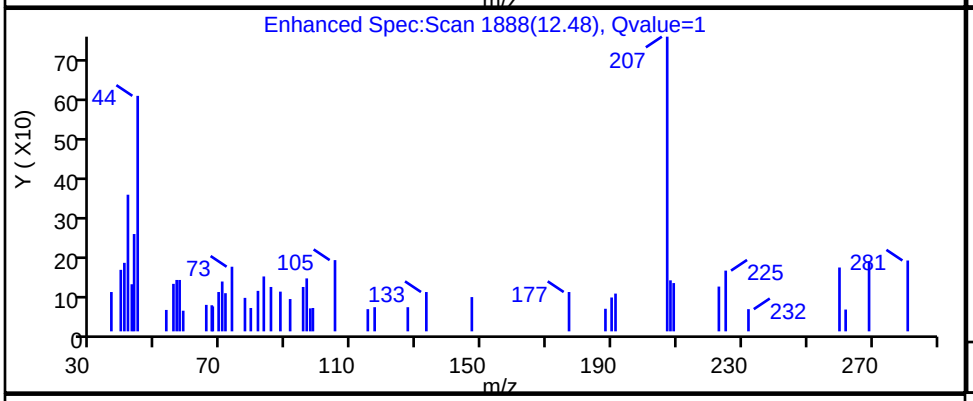
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

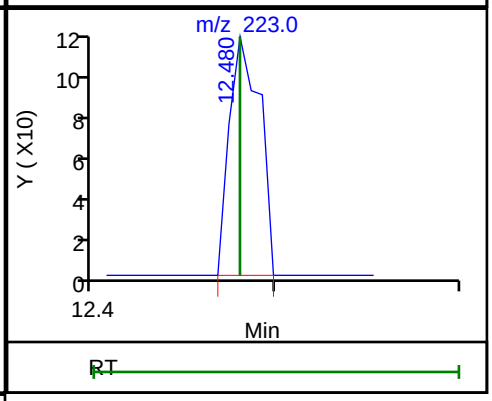
133 Hexachlorobutadiene, CAS: 87-68-3

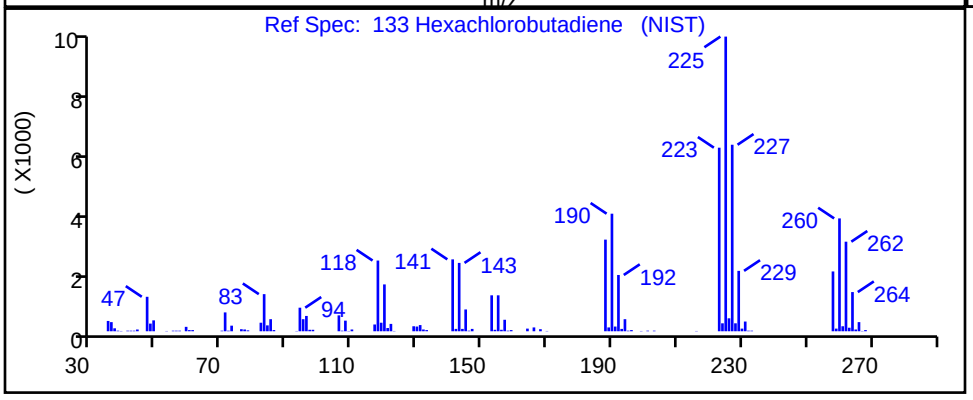
Processing Results











RT	Mass	Response	Amount
12.48	225.00	159	0.058045
12.48	223.00	133	

Reviewer: kluseys, 06-Aug-2020 13:04:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

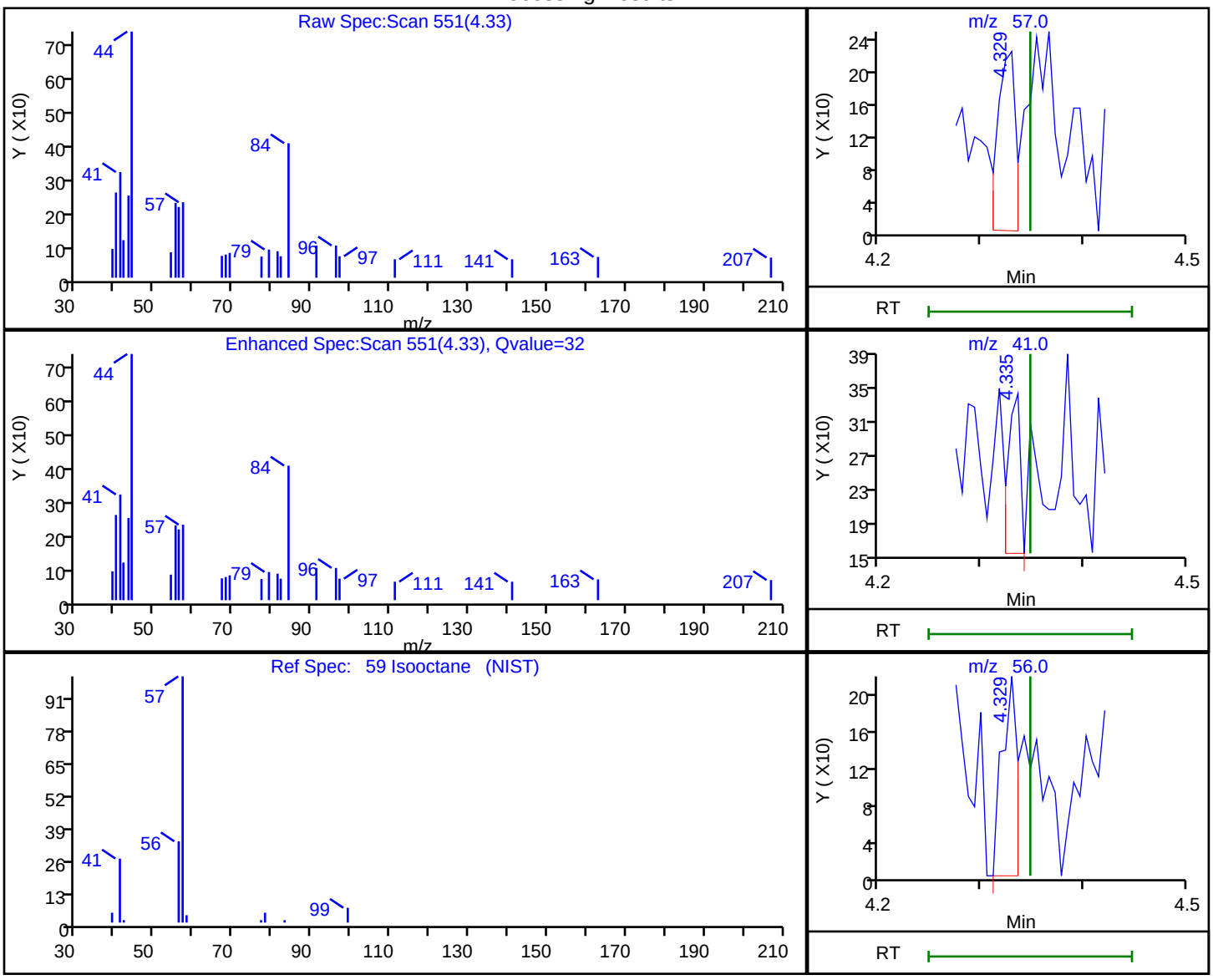
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.33	57.00	278	0.040915
4.34	41.00	155	
4.33	56.00	218	

Reviewer: kluseys, 06-Aug-2020 13:03:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

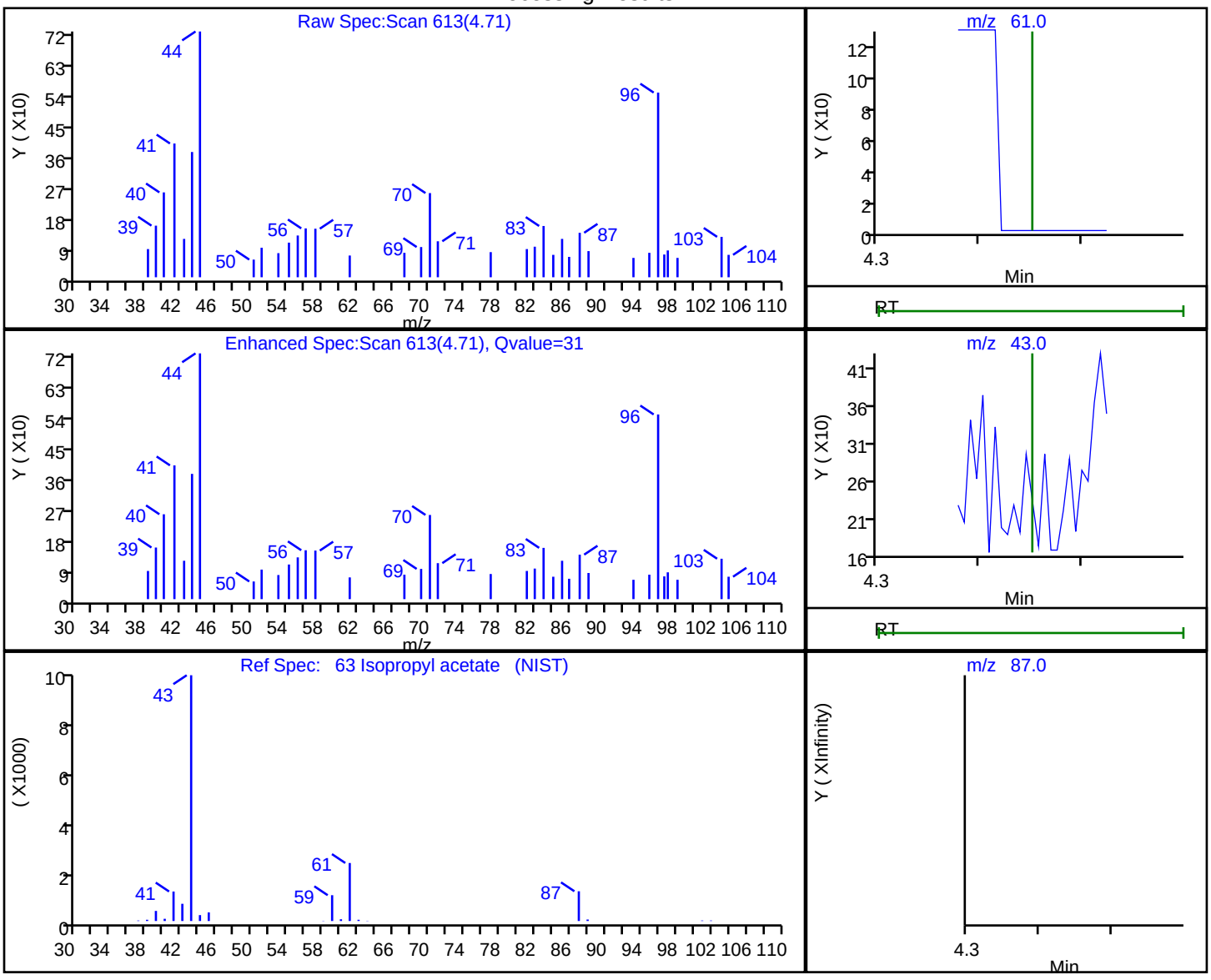
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.71	61.00	42	0.023924
4.71	43.00	408	
4.71	87.00	180	

Reviewer: kluseys, 06-Aug-2020 13:03:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

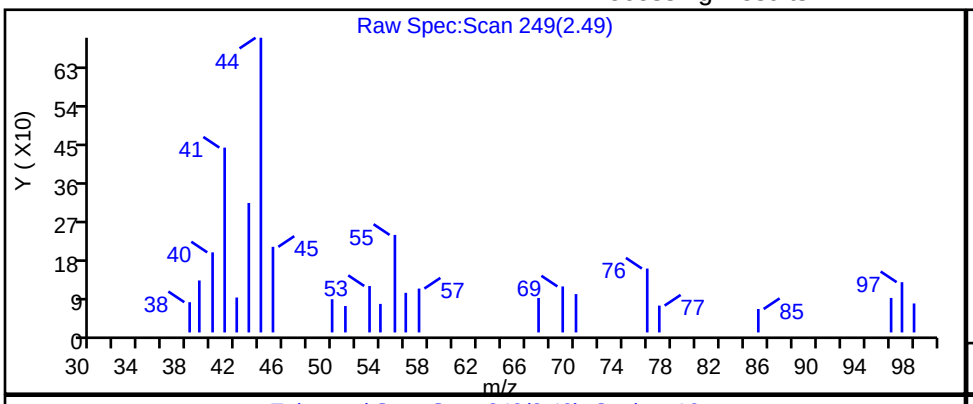
User Disabled Compound Report

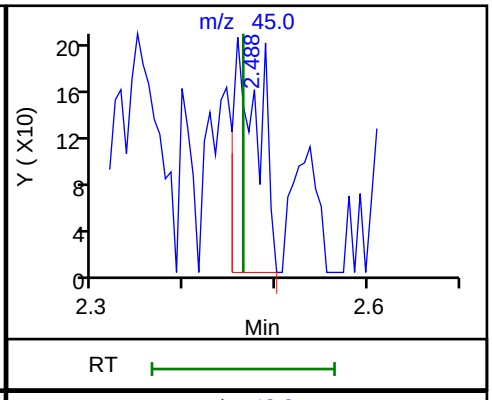
Eurofins TestAmerica, Edison

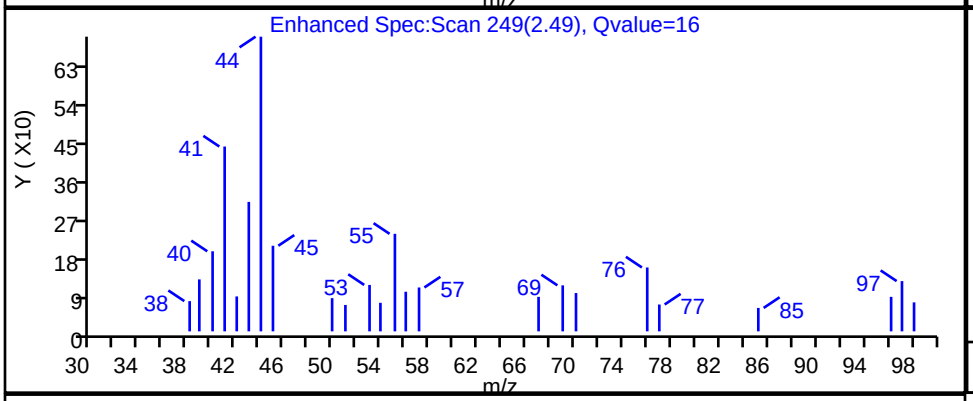
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

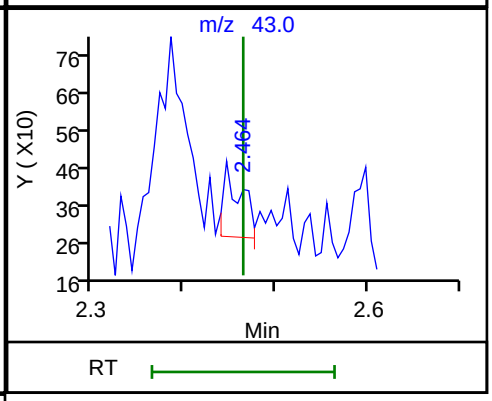
25 Isopropyl alcohol, CAS: 67-63-0

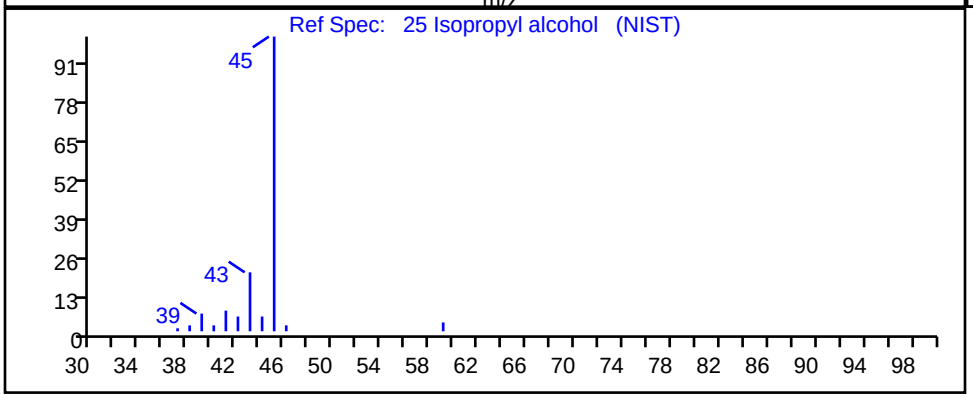
Processing Results











RT	Mass	Response	Amount
2.49	45.00	400	1.896431
2.46	43.00	270	

Reviewer: kluseys, 06-Aug-2020 13:02:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

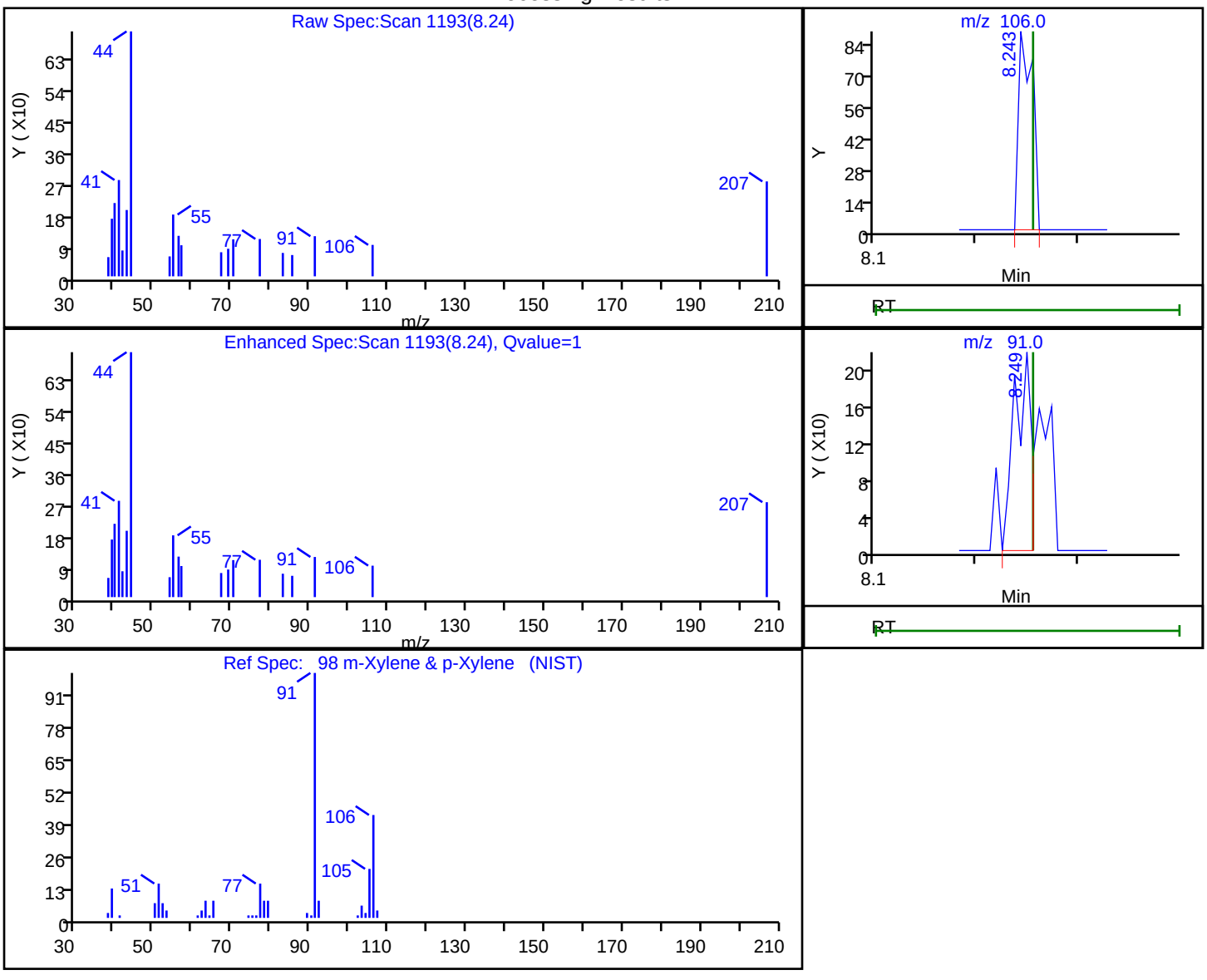
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.24	106.00	86	0.016368
8.25	91.00	256	

Reviewer: kluseys, 06-Aug-2020 13:04:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

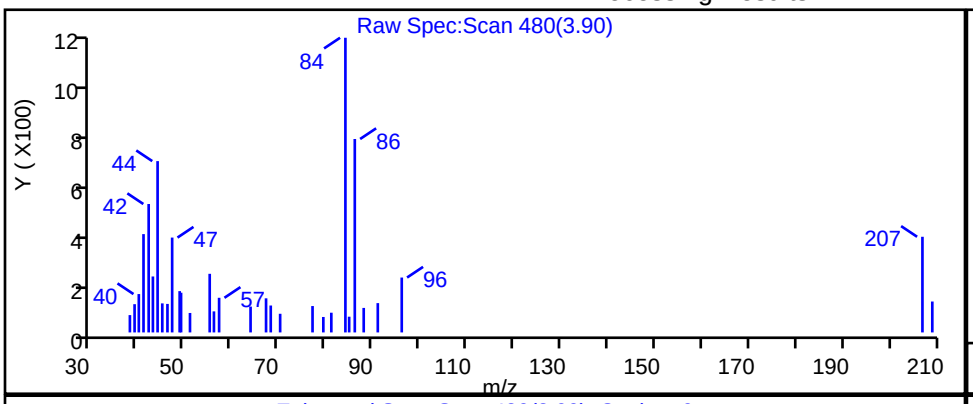
User Disabled Compound Report

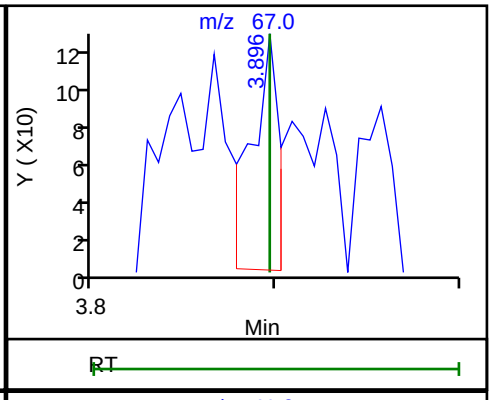
Eurofins TestAmerica, Edison

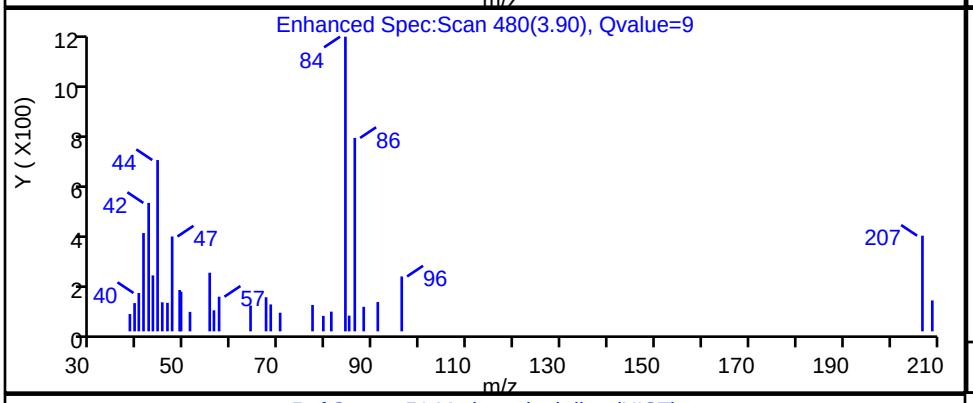
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

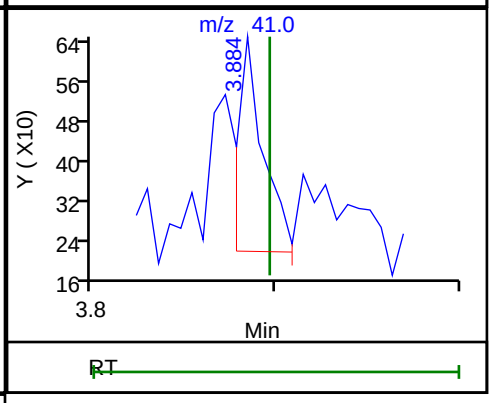
51 Methacrylonitrile, CAS: 126-98-7

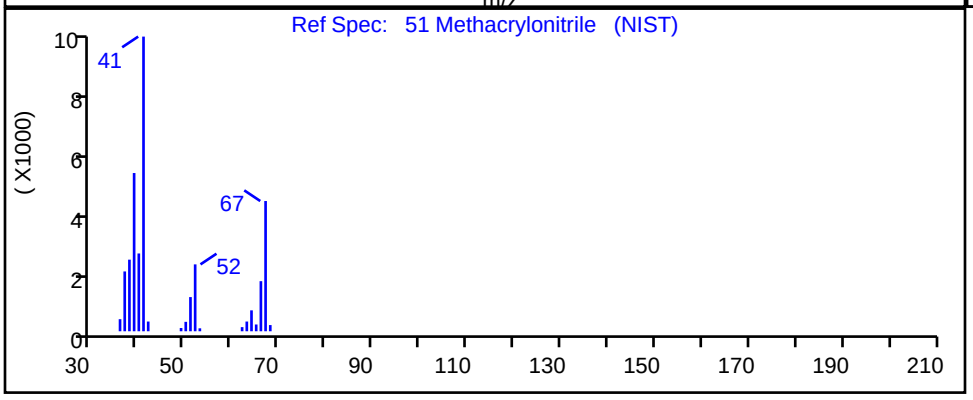
Processing Results











RT	Mass	Response	Amount
3.90	67.00	140	0.102038
3.88	41.00	415	

Reviewer: kluseys, 06-Aug-2020 13:03:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

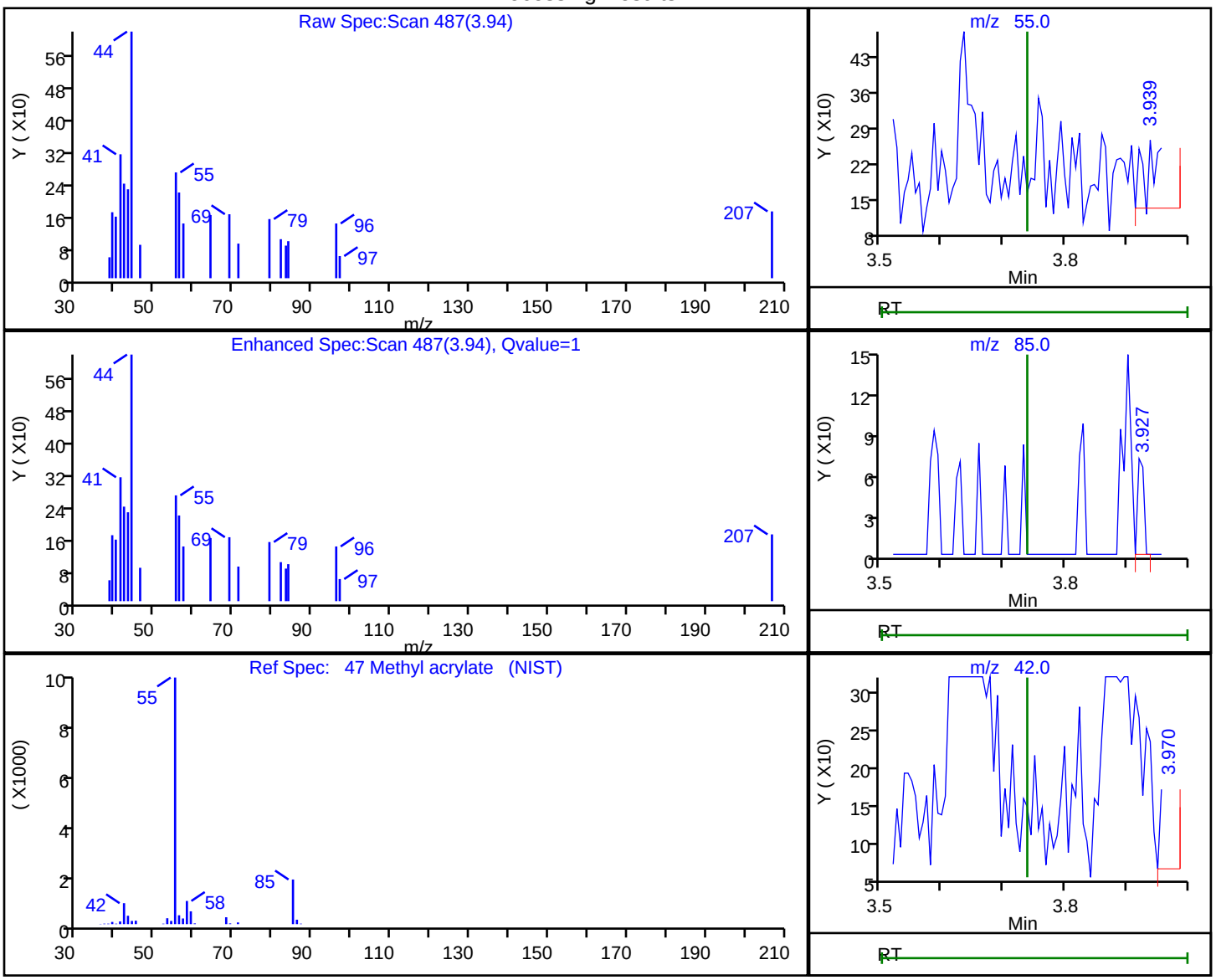
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.94	55.00	308	0.109039
3.93	85.00	48	
3.97	42.00	122	

Reviewer: kluseys, 06-Aug-2020 13:03:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

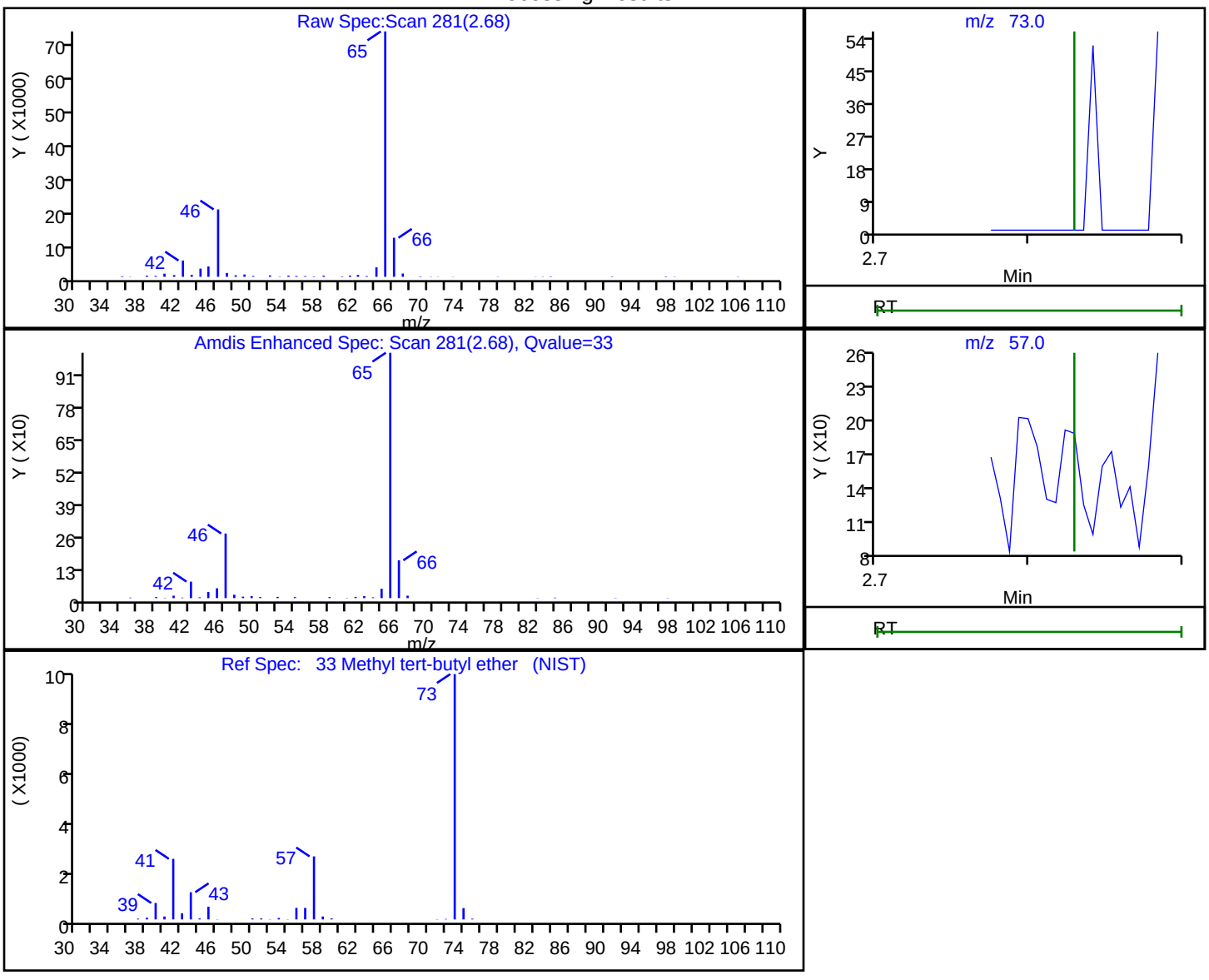
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.68	73.00	41	0.004544
2.68	57.00	105	

Reviewer: kluseys, 06-Aug-2020 13:03:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

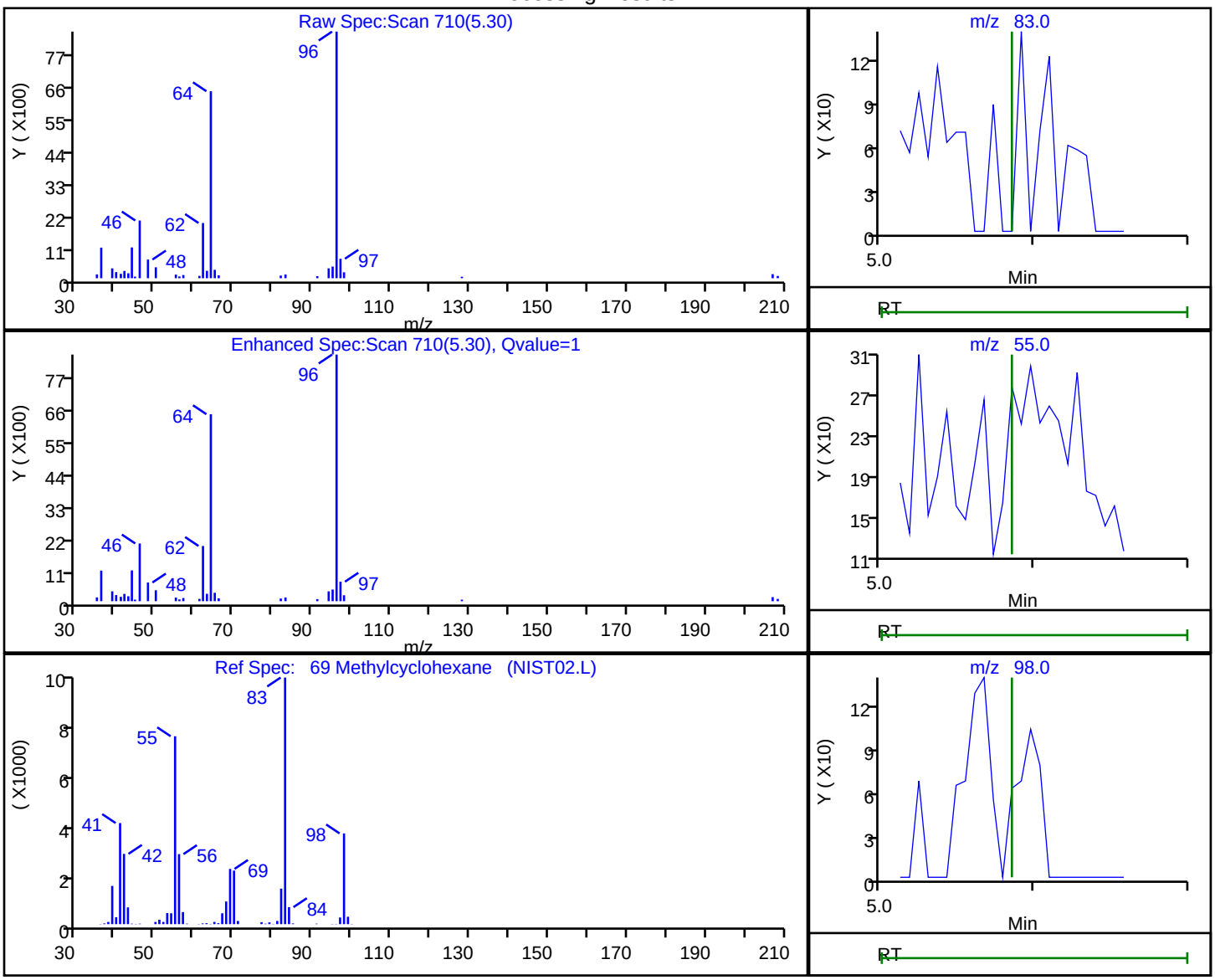
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.30	83.00	101	0.018729
5.30	55.00	227	
5.30	98.00	276	

Reviewer: kluseys, 06-Aug-2020 13:04:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

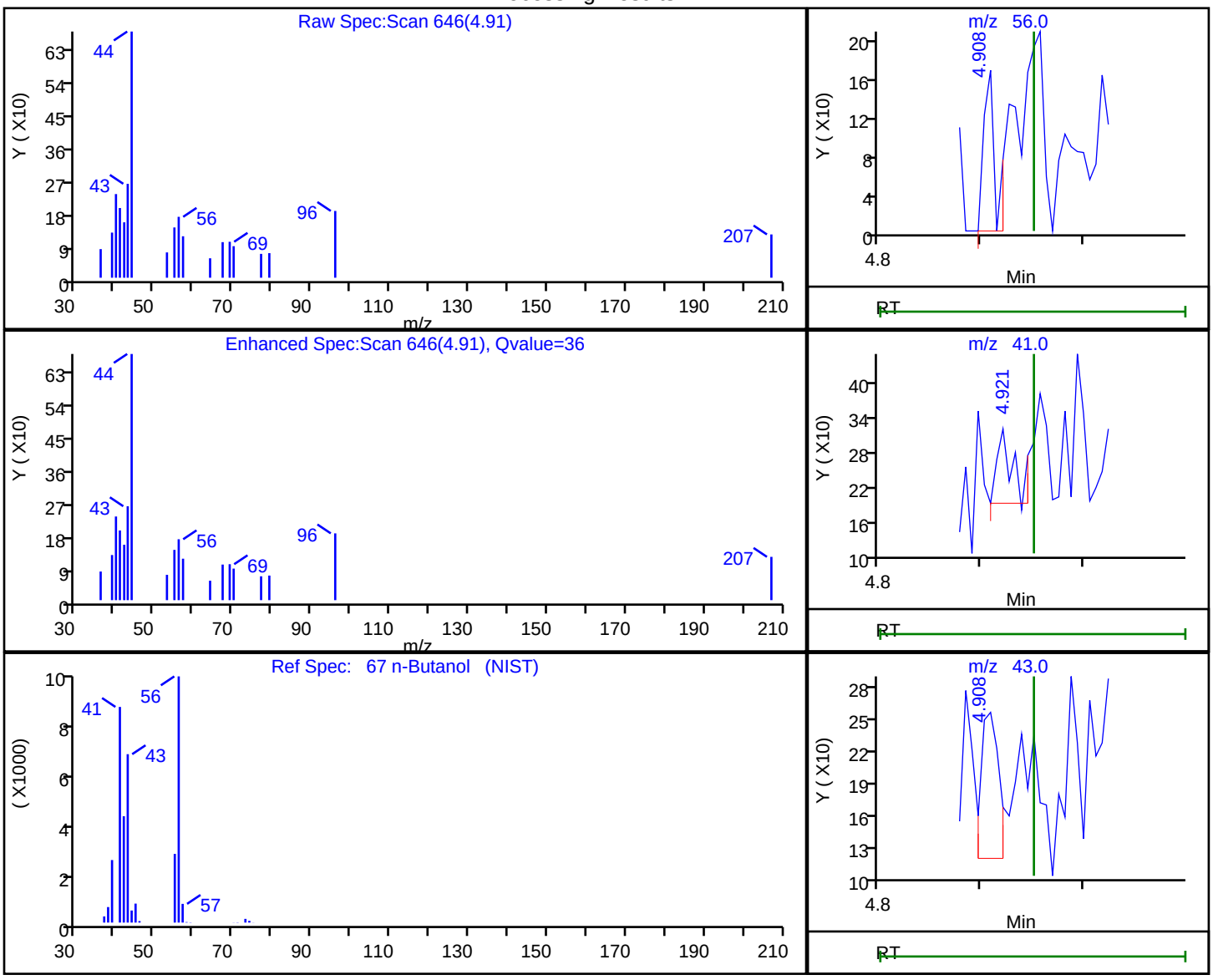
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.91	56.00	132	1.509388
4.92	41.00	147	
4.91	43.00	164	

Reviewer: kluseys, 06-Aug-2020 13:03:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

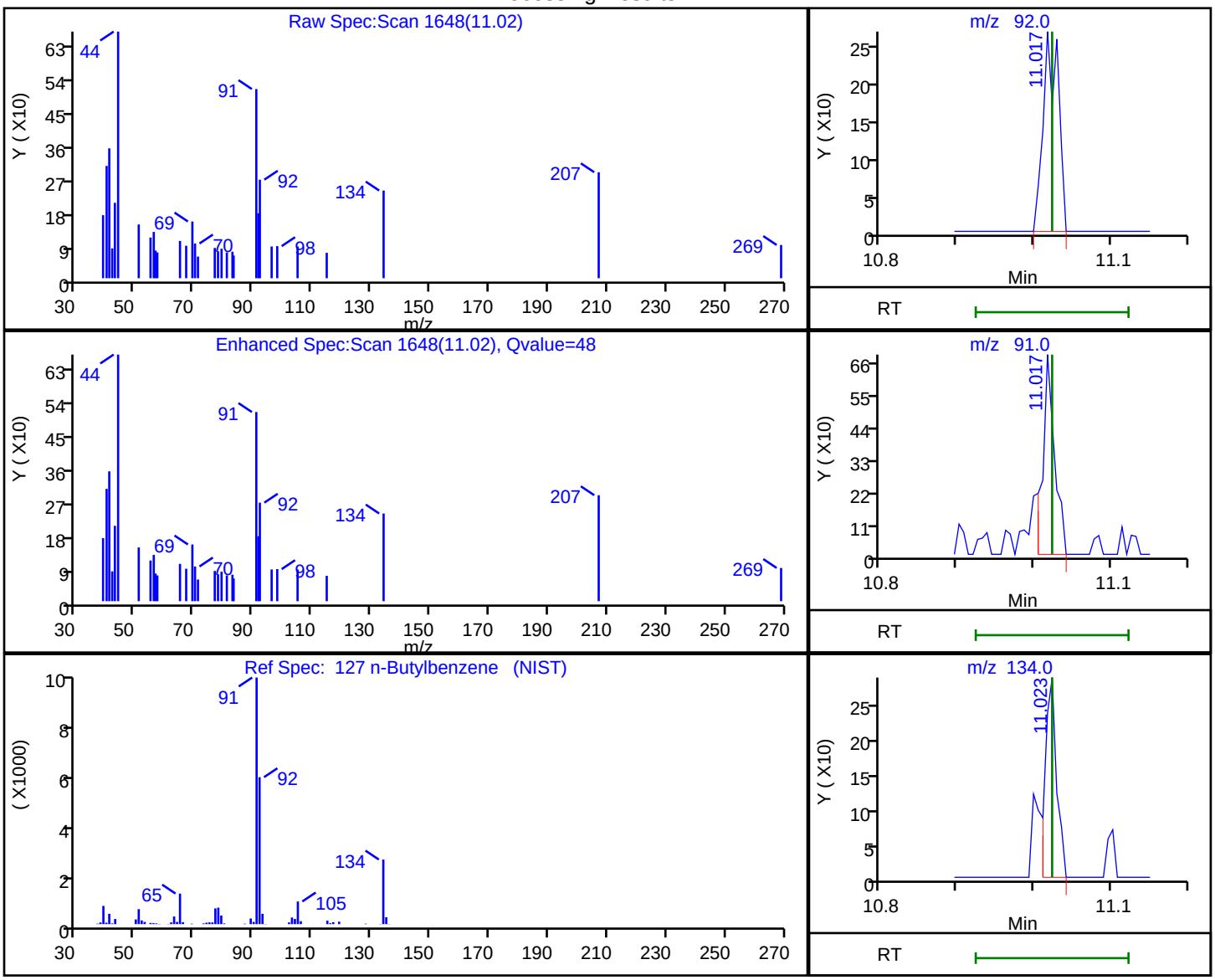
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.02	92.00	363	0.046685
11.02	91.00	725	
11.02	134.00	292	

Reviewer: kluseys, 06-Aug-2020 13:04:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

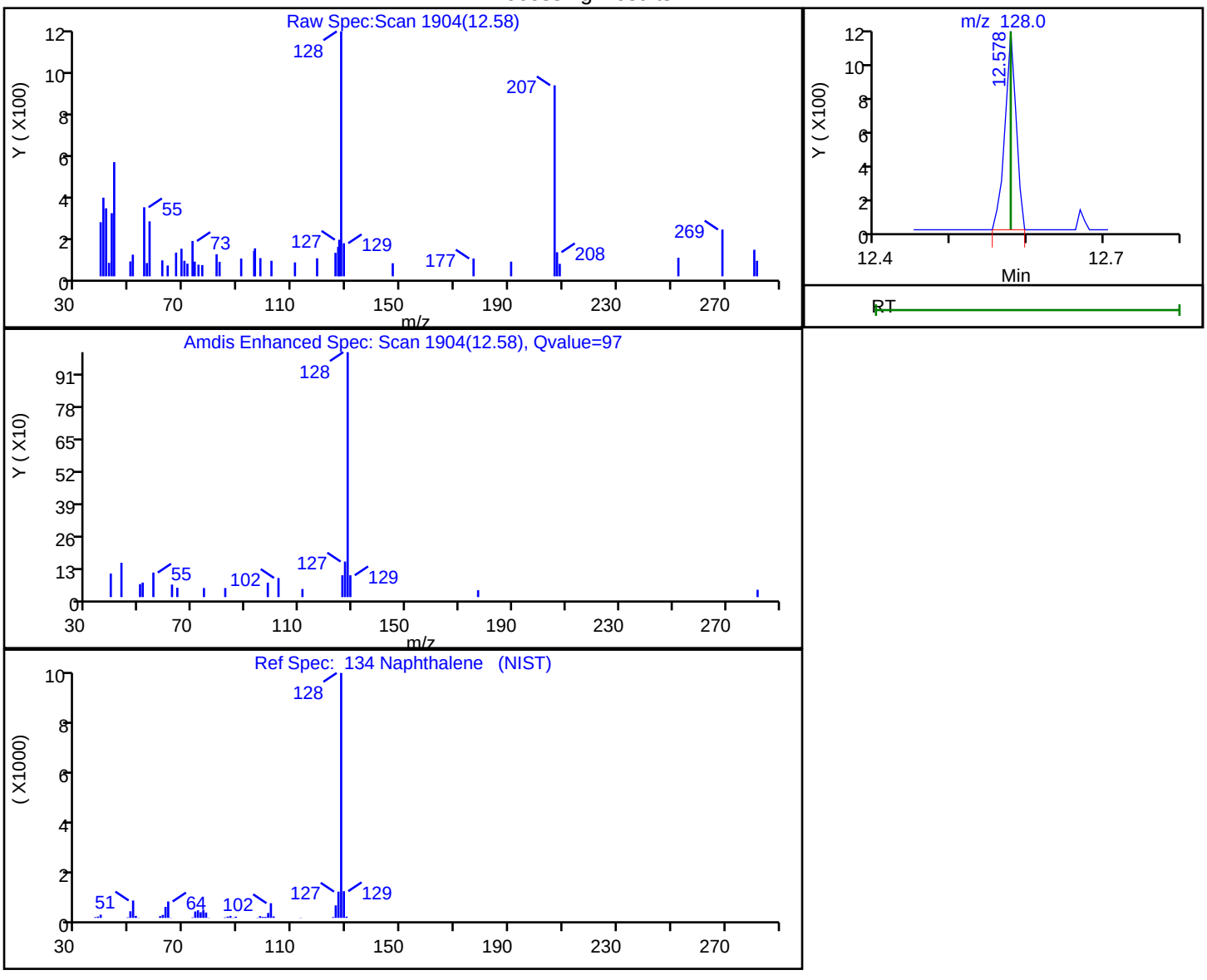
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.58	128.00	1227	0.076896

Reviewer: kluseys, 06-Aug-2020 13:04:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

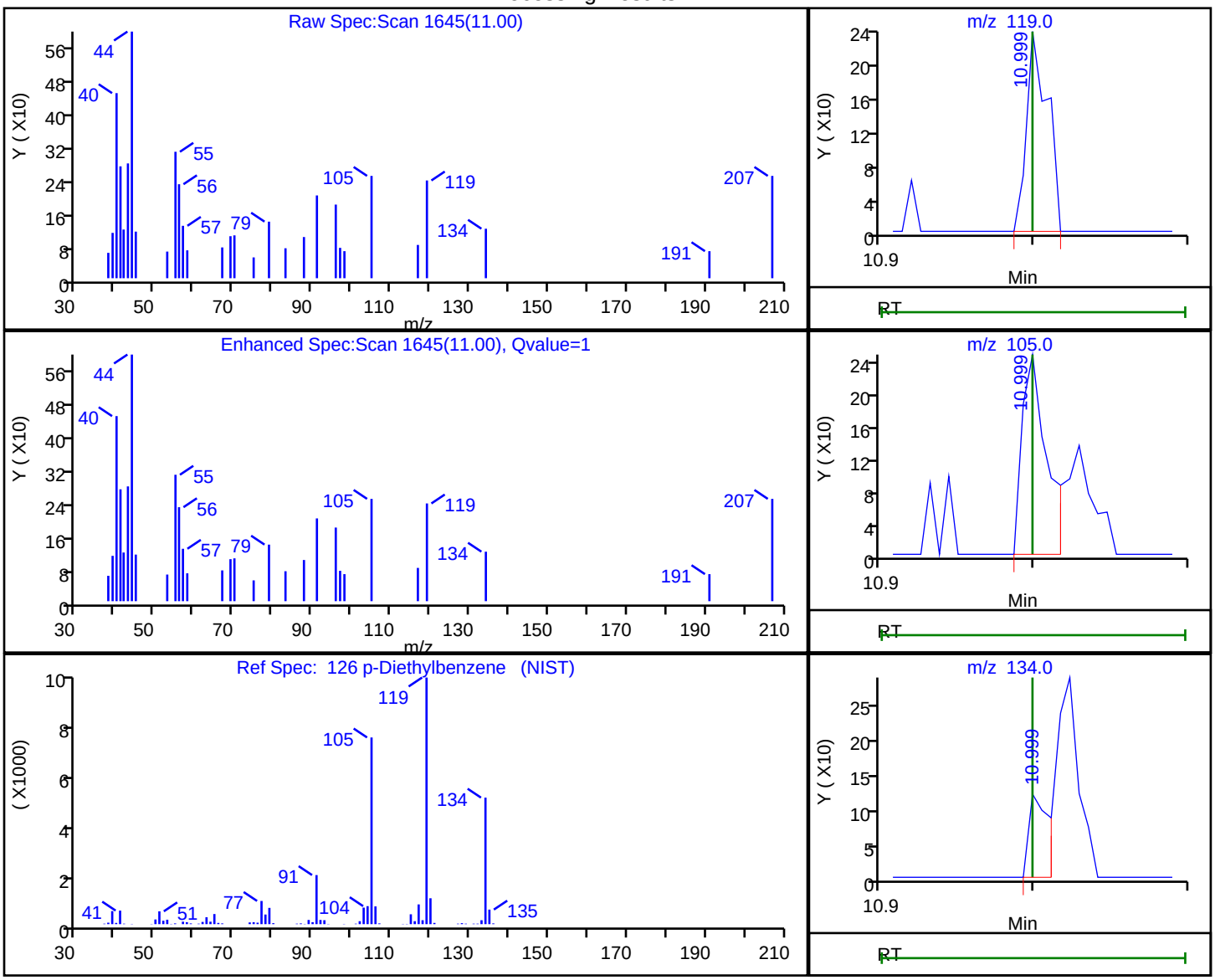
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.00	119.00	224	0.027904
11.00	105.00	276	
11.00	134.00	110	

Reviewer: kluseys, 06-Aug-2020 13:04:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

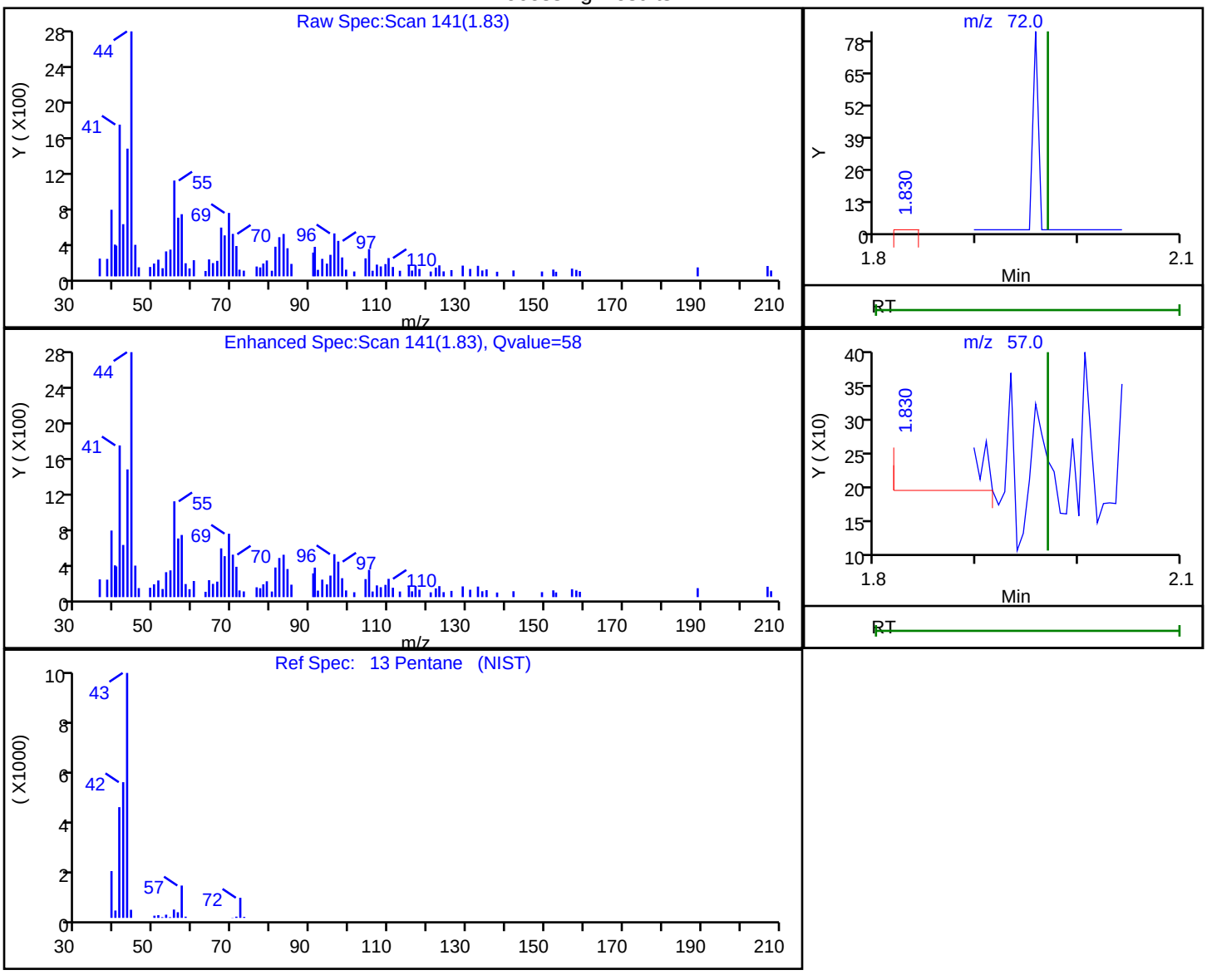
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.83	72.00	94	0.132283
1.83	57.00	1447	

Reviewer: kluseys, 06-Aug-2020 13:02:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

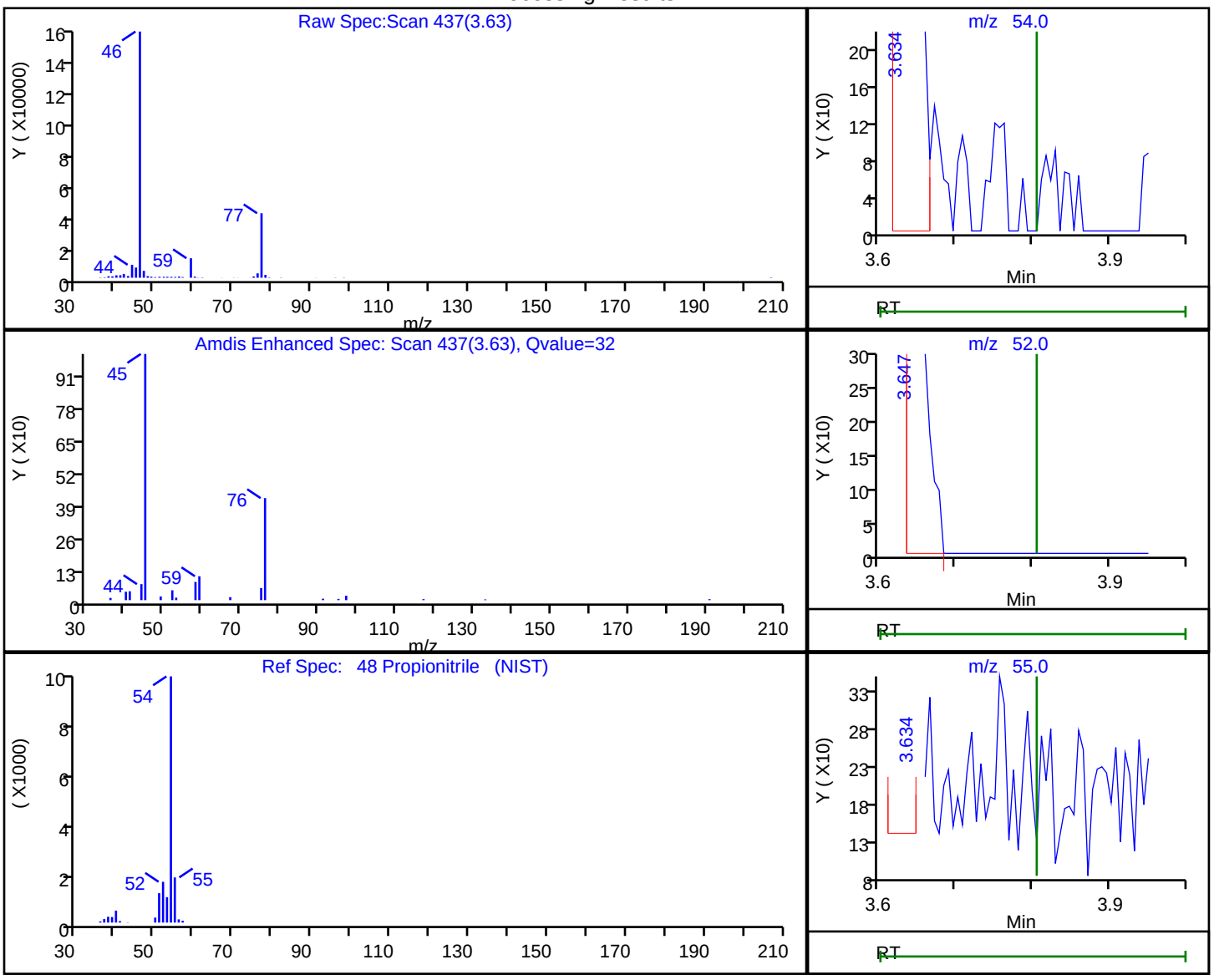
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.63	54.00	1008	2.092150
3.65	52.00	1016	
3.63	55.00	389	

Reviewer: kluseys, 06-Aug-2020 13:03:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

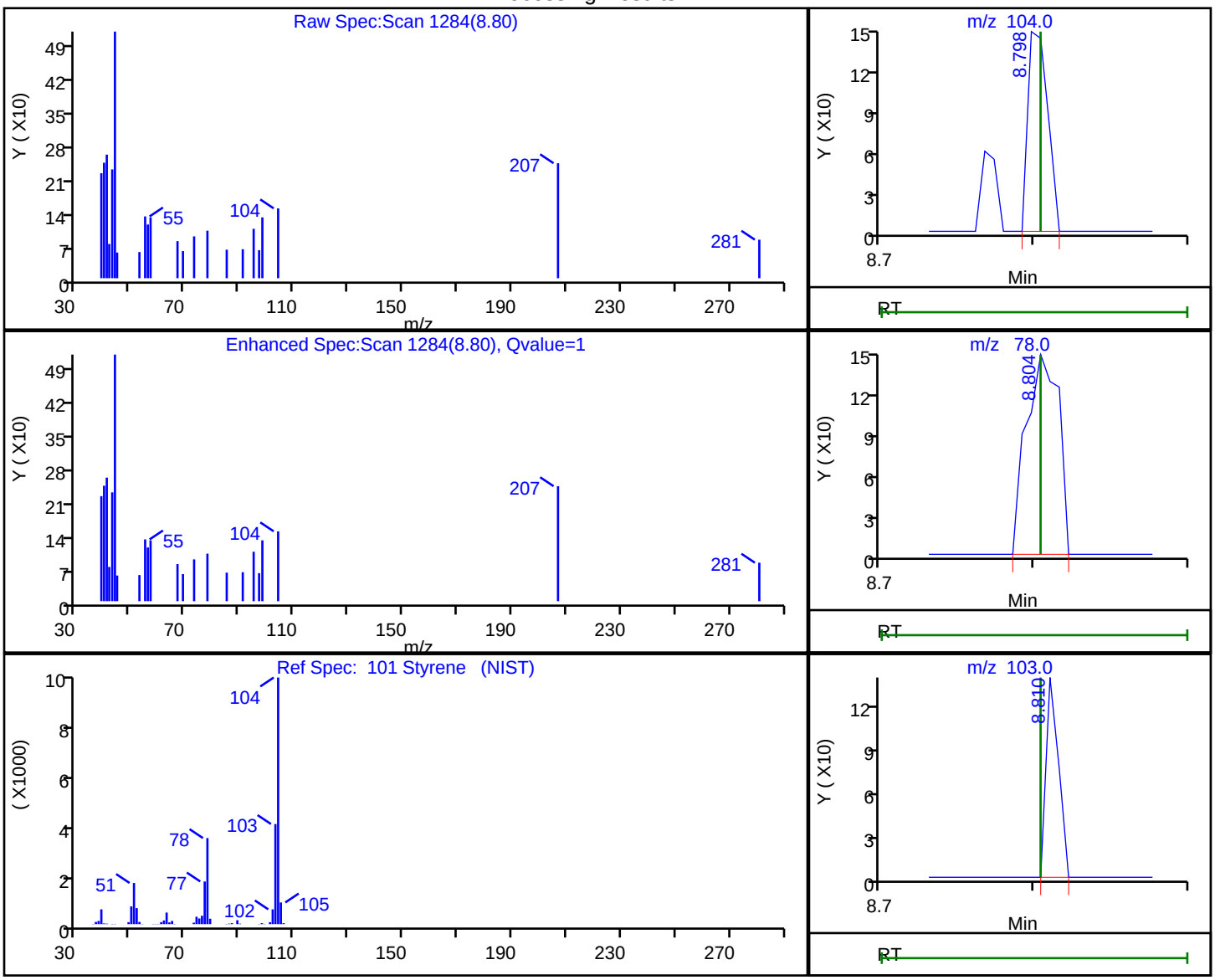
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.80	104.00	132	0.015629
8.80	78.00	207	
8.81	103.00	76	

Reviewer: kluseys, 06-Aug-2020 13:04:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

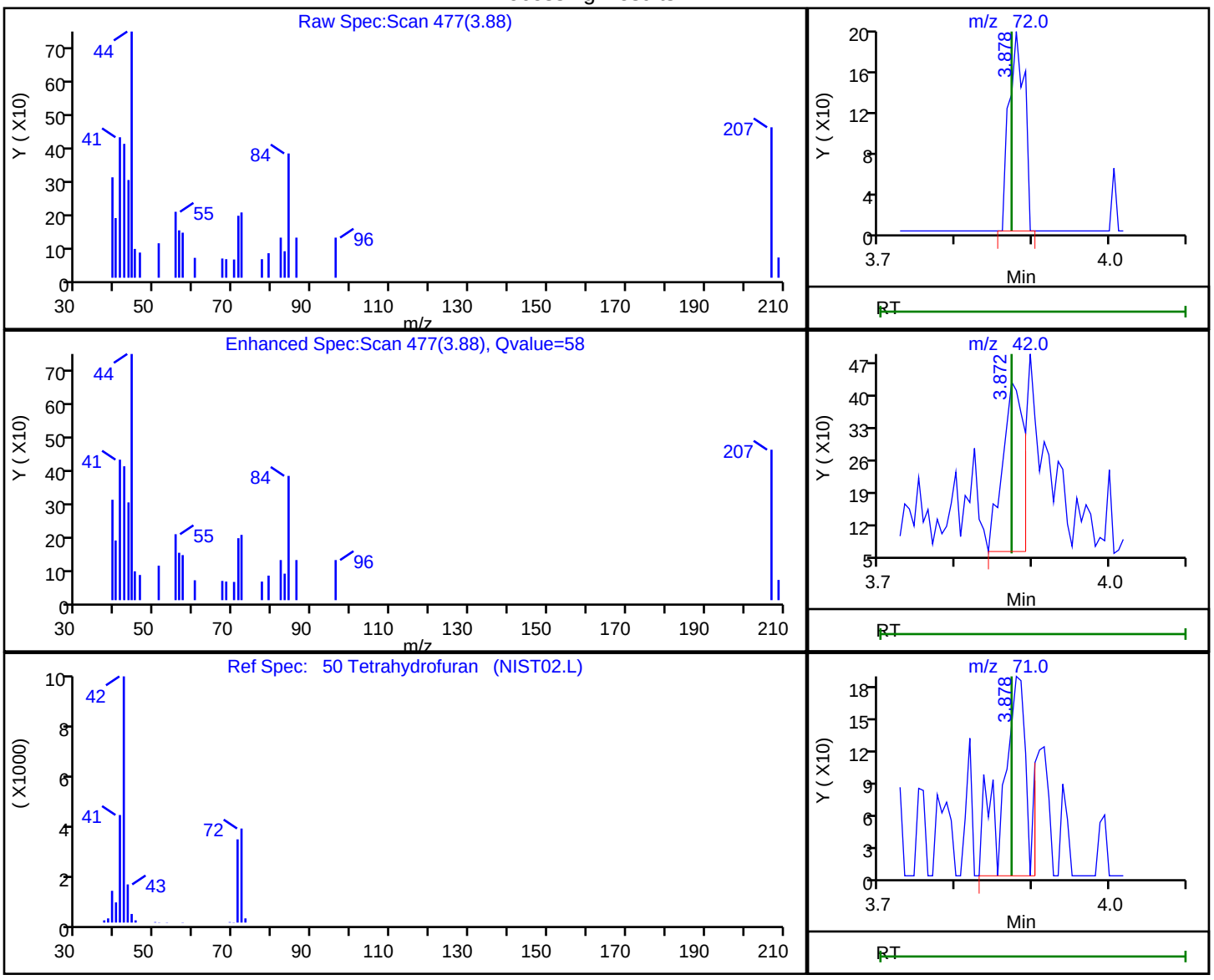
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.88	72.00	276	0.692715
3.87	42.00	699	
3.88	71.00	424	

Reviewer: kluseys, 06-Aug-2020 13:03:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

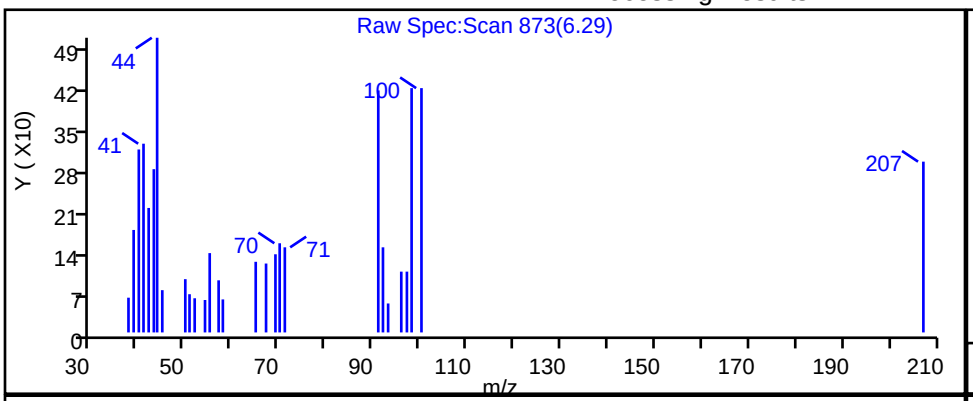
User Disabled Compound Report

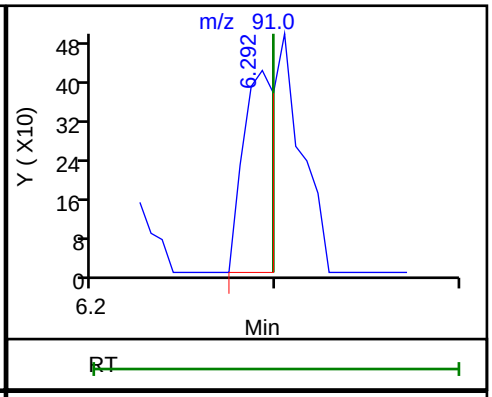
Eurofins TestAmerica, Edison

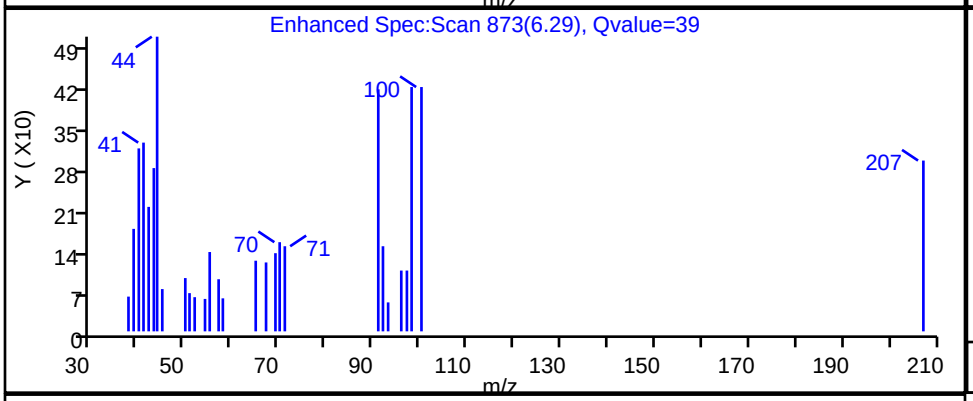
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

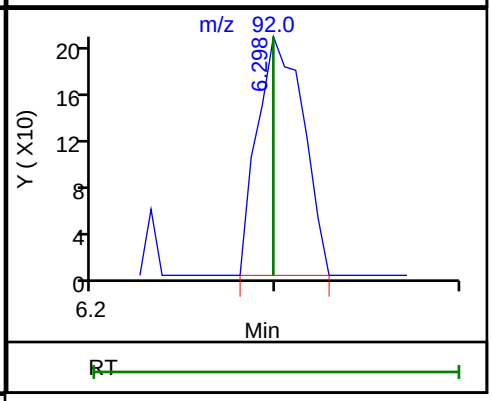
84 Toluene, CAS: 108-88-3

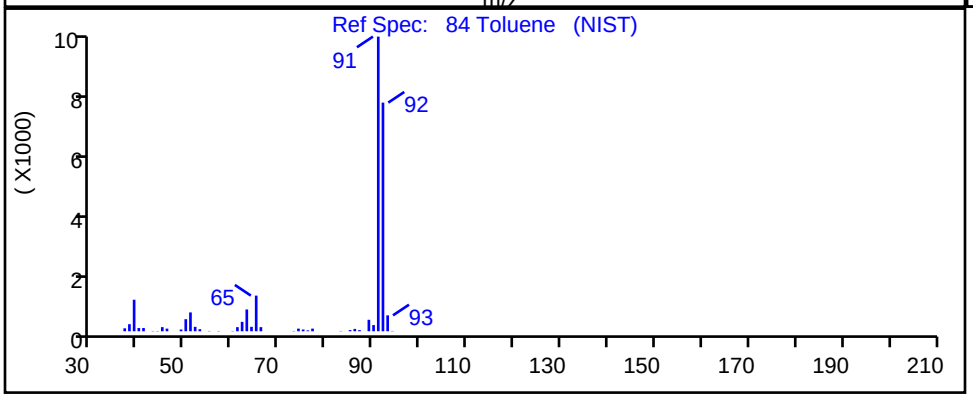
Processing Results











RT	Mass	Response	Amount
6.29	91.00	511	0.041520
6.30	92.00	359	

Reviewer: kluseys, 06-Aug-2020 13:04:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

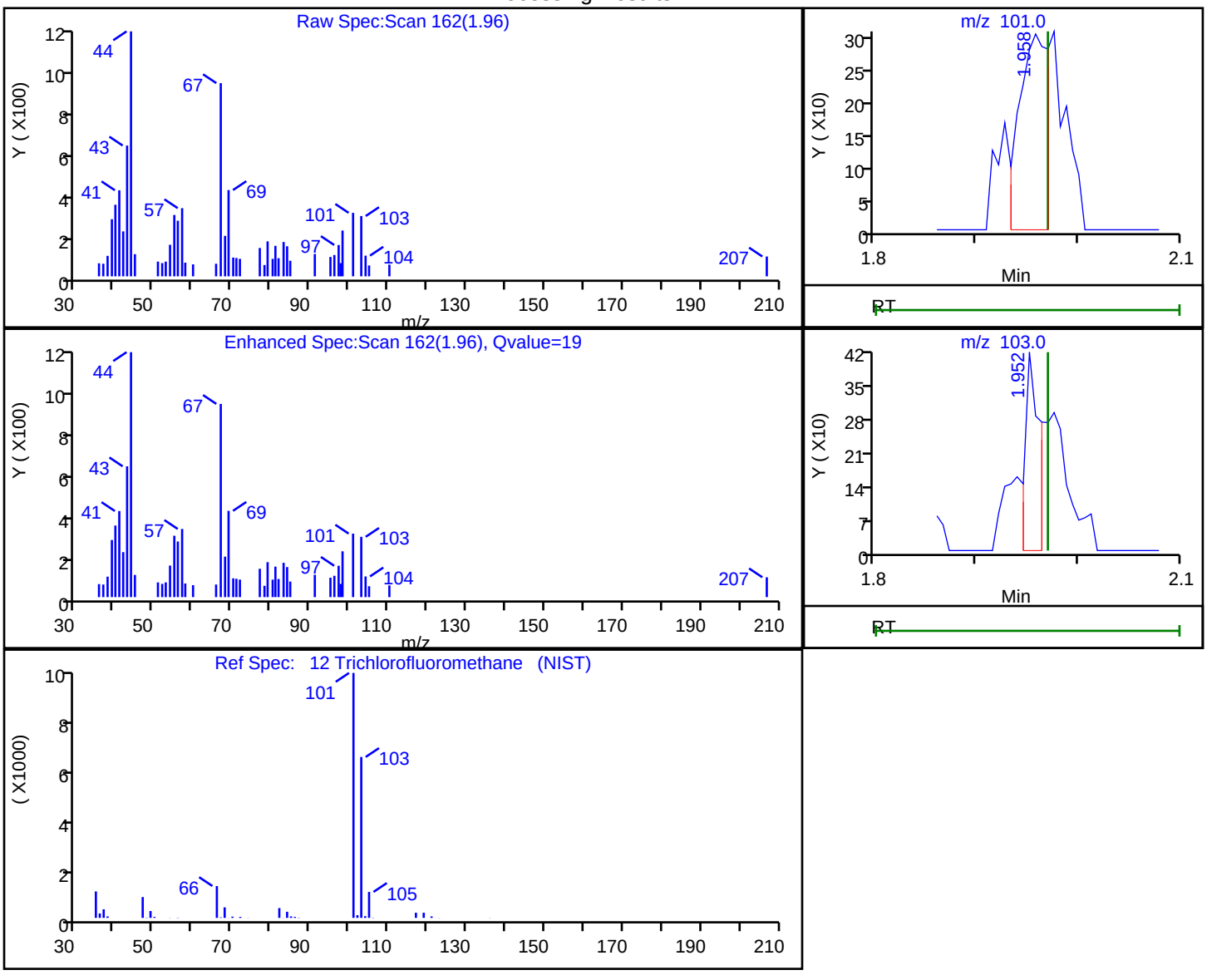
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.96	101.00	593	0.120030
1.95	103.00	406	

Reviewer: kluseys, 06-Aug-2020 13:02:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

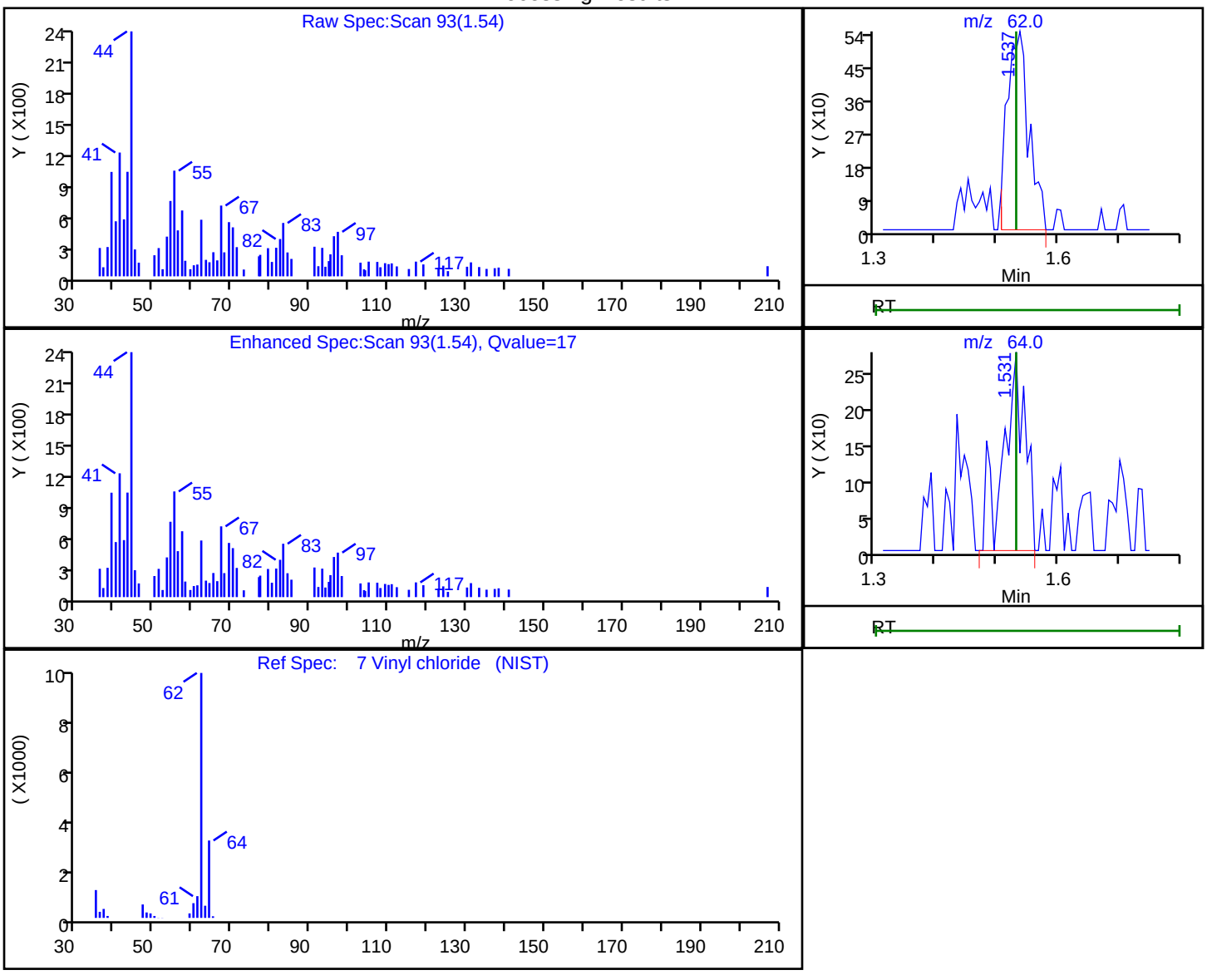
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127621.D
Injection Date: 06-Aug-2020 09:11:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.54	62.00	1345	0.232729
1.53	64.00	686	

Reviewer: kluseys, 06-Aug-2020 13:02:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-Aug-2020 09:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0114599-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:44:11 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 13:07:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.190	1.220	-0.030	65	286	0.5000	1.46	a
2 1,1-Difluoroethane	51	1.287	1.293	-0.006	56	2282	0.5000	0.6184	M
3 Chlorotrifluoroethene	116	1.269	1.293	-0.024	36	614	0.5000	0.4377	a
4 Dichlorodifluoromethane	85	1.299	1.318	-0.019	93	3043	0.5000	0.5699	
5 Chlorodifluoromethane	51	1.324	1.336	-0.012	86	2531	0.5000	0.5098	
6 Chloromethane	50	1.446	1.458	-0.012	97	3372	0.5000	0.6430	a
8 Butadiene	54	1.507	1.525	-0.018	94	2224	0.5000	0.4900	M
7 Vinyl chloride	62	1.525	1.531	-0.006	97	2972	0.5000	0.5904	M
9 Bromomethane	94	1.745	1.757	-0.013	94	1472	0.5000	0.4557	M
10 Chloroethane	64	1.787	1.805	-0.018	43	1481	0.5000	0.5688	M
11 Dichlorofluoromethane	67	1.952	1.958	-0.006	88	3021	0.5000	0.4903	
13 Pentane	72	1.958	1.970	-0.012	95	750	1.00	1.19	
12 Trichlorofluoromethane	101	1.964	1.970	-0.006	63	2781	0.5000	0.5448	
14 Ethanol	46	2.104	2.116	-0.012	52	148	20.0	9.44	a
15 Ethyl ether	74	2.116	2.128	-0.012	88	998	0.5000	0.5699	
16 2-Methyl-1,3-butadiene	53	2.129	2.147	-0.018	89	1812	0.5000	0.5878	Ma
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.171	2.183	-0.012	69	1774	0.5000	0.5993	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.220	2.232	-0.012	37	3383	0.5000	0.6825	a
19 Acrolein	56	2.263	2.275	-0.012	67	874	2.00	2.10	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.287	2.299	-0.012	63	1640	0.5000	0.5004	M
21 1,1-Dichloroethene	96	2.299	2.311	-0.012	93	2267	0.5000	0.6713	
22 Acetone	43	2.366	2.378	-0.012	67	2826	2.50	3.14	
23 Iodomethane	142	2.433	2.439	-0.006	85	3326	0.5000	0.5458	
25 Isopropyl alcohol	45	2.446	2.464	-0.018	87	1273	5.00	6.08	
24 Carbon disulfide	76	2.464	2.476	-0.012	99	7705	0.5000	0.5916	
26 3-Chloro-1-propene	76	2.561	2.573	-0.012	86	1073	0.5000	0.5277	
27 Methyl acetate	43	2.580	2.586	-0.006	71	1865	1.00	0.9380	
28 Cyclopentene	67	2.574	2.592	-0.018	78	4728	0.5000	0.5857	
29 Acetonitrile	40	2.659	2.634	0.025	21	2190	5.00	9.78	Ma
* 31 TBA-d9 (IS)	66	2.671	2.683	-0.012	100	44416	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.677	2.689	-0.012	32	2769	0.5000	0.6926	
32 2-Methyl-2-propanol	59	2.726	2.750	-0.024	95	1795	5.00	5.47	Ma
33 Methyl tert-butyl ether	73	2.817	2.830	-0.013	96	4369	0.5000	0.5583	M
34 trans-1,2-Dichloroethene	96	2.836	2.848	-0.012	96	2013	0.5000	0.6011	
35 Acrylonitrile	53	2.903	2.915	-0.012	95	6434	5.00	5.62	
36 Hexane	57	2.970	2.982	-0.012	90	2269	0.5000	0.5340	
37 Isopropyl ether	45	3.171	3.177	-0.006	87	5555	0.5000	0.5768	
38 1,1-Dichloroethane	63	3.183	3.195	-0.012	98	3114	0.5000	0.5697	
39 Vinyl acetate	86	3.202	3.214	-0.012	99	677	1.00	1.17	
40 2-Chloro-1,3-butadiene	88	3.226	3.238	-0.012	93	1247	0.5000	0.4688	
41 Tert-butyl ethyl ether	59	3.451	3.457	-0.006	91	4825	0.5000	0.5554	
* 42 2-Butanone-d5	46	3.628	3.634	-0.006	100	283358	250.0	250.0	
43 2,2-Dichloropropane	97	3.647	3.653	-0.006	46	841	0.5000	0.6921	a
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	94	2054	0.5000	0.5755	
45 2-Butanone (MEK)	72	3.677	3.683	-0.006	97	1059	2.50	3.17	
46 Ethyl acetate	70	3.695	3.695	0.000	91	647	1.00	2.21	
47 Methyl acrylate	55	3.738	3.738	0.000	78	1247	0.5000	0.5013	
48 Propionitrile	54	3.799	3.805	-0.006	96	2379	5.00	5.68	
50 Tetrahydrofuran	72	3.878	3.872	0.006	58	283	1.00	0.7999	
49 Chlorobromomethane	128	3.866	3.872	-0.006	65	983	0.5000	0.5609	
51 Methacrylonitrile	67	3.890	3.896	-0.006	94	6547	5.00	5.48	
52 Chloroform	83	3.915	3.921	-0.006	96	2777	0.5000	0.5568	
53 Cyclohexane	84	4.037	4.037	0.000	92	2931	0.5000	0.5752	
54 1,1,1-Trichloroethane	97	4.037	4.049	-0.012	66	2771	0.5000	0.5893	M
$ 55 Dibromofluoromethane (Surr)	113	4.055	4.067	-0.012	97	133229	50.0	49.9	
56 Carbon tetrachloride	117	4.153	4.159	-0.006	96	2115	0.5000	0.5320	
57 1,1-Dichloropropene	75	4.177	4.189	-0.012	95	2113	0.5000	0.5390	
58 Isobutyl alcohol	43	4.329	4.329	0.000	53	3018	12.5	13.2	M
59 Isooctane	57	4.335	4.348	-0.013	92	6391	0.5000	0.5223	M
60 Benzene	78	4.366	4.366	0.000	94	6712	0.5000	0.6162	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.378	4.384	-0.006	95	142491	50.0	49.1	
62 Tert-amyl methyl ether	73	4.439	4.445	-0.006	84	5518	0.5000	0.5700	
63 Isopropyl acetate	61	4.451	4.451	0.000	90	908	0.5000	0.5970	
64 1,2-Dichloroethane	62	4.445	4.457	-0.012	94	2136	0.5000	0.5786	
65 n-Heptane	100	4.524	4.524	0.000	92	420	0.5000	0.5150	
* 66 Fluorobenzene	96	4.634	4.640	-0.006	99	523887	50.0	50.0	
67 n-Butanol	56	4.957	4.951	0.006	35	1280	12.5	14.7	M
68 Trichloroethene	95	4.963	4.969	-0.006	95	1803	0.5000	0.5974	
69 Methylcyclohexane	83	5.073	5.085	-0.012	92	3206	0.5000	0.5398	a
70 Ethyl acrylate	99	5.098	5.103	-0.005	87	226	0.5000	0.4542	a
71 1,2-Dichloropropane	63	5.238	5.244	-0.006	91	1801	0.5000	0.6248	
* 72 1,4-Dioxane-d8	96	5.299	5.305	-0.006	89	28258	1000.0	1000.0	
73 Methyl methacrylate	100	5.341	5.335	0.006	87	750	1.00	1.02	
75 1,4-Dioxane	88	5.384	5.353	0.031	48	932	25.0	28.8	a
74 Dibromomethane	93	5.354	5.360	-0.006	85	1072	0.5000	0.5836	
76 n-Propyl acetate	43	5.390	5.396	-0.006	87	1804	0.5000	0.5039	
77 Dichlorobromomethane	83	5.506	5.512	-0.006	96	2333	0.5000	0.6040	
78 2-Nitropropane	41	5.847	5.841	0.006	79	698	1.00	0.9390	M
79 2-Chloroethyl vinyl ether	63	5.847	5.847	0.000	63	972	0.5012	0.5361	
80 Epichlorohydrin	57	5.939	5.945	-0.006	98	3120	10.0	11.4	
81 cis-1,3-Dichloropropene	75	5.994	5.994	0.000	92	2343	0.5000	0.5430	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	94	6745	2.50	2.62	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.219	6.225	-0.006	100	481374	50.0	52.3	
84 Toluene	91	6.298	6.298	0.000	95	6839	0.5000	0.6131	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	70	2383	0.5000	0.5932	
86 Ethyl methacrylate	69	6.695	6.695	0.000	95	2033	0.5000	0.6030	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	83	1290	0.5000	0.6177	M
88 Tetrachloroethene	166	6.878	6.878	0.000	94	1655	0.5000	0.5918	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	90	2147	0.5000	0.5626	
90 2-Hexanone	43	7.128	7.134	-0.006	97	4153	2.50	2.59	
91 n-Butyl acetate	43	7.256	7.255	0.001	95	2438	0.5000	0.6490	
92 Chlorodibromomethane	129	7.262	7.268	-0.006	77	1409	0.5000	0.5595	
93 Ethylene Dibromide	107	7.402	7.408	-0.006	94	1373	0.5000	0.5860	
* 94 Chlorobenzene-d5	117	7.945	7.950	-0.006	86	360010	50.0	50.0	
95 Chlorobenzene	112	7.987	7.981	0.006	90	3882	0.5000	0.5564	a
96 Ethylbenzene	106	8.097	8.097	0.000	97	2330	0.5000	0.5982	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	44	1553	0.5000	0.5645	
98 m-Xylene & p-Xylene	106	8.249	8.255	-0.006	96	2824	0.5000	0.5930	
99 o-Xylene	106	8.768	8.767	0.001	93	2727	0.5000	0.5546	
100 n-Butyl acrylate	73	8.786	8.792	-0.006	98	1329	0.5000	0.6304	
101 Styrene	104	8.798	8.804	-0.006	95	4512	0.5000	0.5894	
102 Bromoform	173	9.054	9.060	-0.006	93	889	0.5000	0.5416	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	93	2379	0.5000	0.4992	
104 Isopropylbenzene	105	9.231	9.237	-0.006	96	7346	0.5000	0.5617	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	143120	50.0	51.0	
106 Bromobenzene	156	9.621	9.615	0.006	95	1668	0.5000	0.5070	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	95	1957	0.5000	0.5602	
108 N-Propylbenzene	91	9.725	9.725	0.001	99	9017	0.5000	0.5551	
109 1,2,3-Trichloropropane	110	9.743	9.749	-0.006	92	538	0.5000	0.5682	
110 trans-1,4-Dichloro-2-butene	53	9.780	9.785	-0.005	5	300	0.5000	0.4305	
111 2-Chlorotoluene	91	9.834	9.834	0.000	96	5634	0.5000	0.5304	
112 4-Ethyltoluene	105	9.865	9.865	0.000	97	6827	0.5000	0.5201	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	91	6342	0.5000	0.5421	
114 4-Chlorotoluene	91	9.962	9.968	-0.006	97	5414	0.5000	0.5329	
115 Butyl Methacrylate	87	10.084	10.084	0.000	89	1937	0.5000	0.4895	
116 tert-Butylbenzene	119	10.261	10.261	0.000	94	4640	0.5000	0.4773	
117 1,2,4-Trimethylbenzene	105	10.328	10.334	-0.006	97	6220	0.5000	0.5221	
118 sec-Butylbenzene	105	10.487	10.487	0.000	99	7835	0.5000	0.5035	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	3500	0.5000	0.5516	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	96	6416	0.5000	0.4940	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	95	200852	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	85	3381	0.5000	0.5416	a
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	98	6260	0.5000	0.5062	
124 Benzyl chloride	91	10.865	10.865	0.000	98	4036	0.5000	0.5678	
125 2,3-Dihydroindene	117	10.920	10.919	0.001	94	6581	0.5000	0.5517	
126 p-Diethylbenzene	119	11.005	10.999	0.006	93	3859	0.5000	0.5447	
127 n-Butylbenzene	92	11.023	11.023	0.000	96	3471	0.5000	0.5030	
128 1,2-Dichlorobenzene	146	11.060	11.054	0.006	97	3654	0.5000	0.5721	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	96	7131	0.5000	0.5064	
130 1,2-Dibromo-3-Chloropropane	157	11.755	11.761	-0.006	84	461	0.5000	0.5449	
131 1,3,5-Trichlorobenzene	180	11.877	11.877	0.000	96	3434	0.5000	0.5593	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	91	3011	0.5000	0.5112	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	92	1219	0.5000	0.5015	
134 Naphthalene	128	12.578	12.578	0.000	99	7647	0.5000	0.5400	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	95	3161	0.5000	0.5634	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.18	
S 137 Xylenes, Total	100				0		1.00	1.15	
S 140 Total BTEX	1				0		2.50	2.97	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.14	
S 138 Total 1,2-dichloroethene	1				0			1.18	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00380	Amount Added:	5.00	Units: uL	
14DIOXINTER_00117	Amount Added:	15.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	5.00	Units: uL	
524freon_00025	Amount Added:	5.00	Units: uL	
ACROLEIN W_00110	Amount Added:	2.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:44:13 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D

Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17

Lims ID: STD05

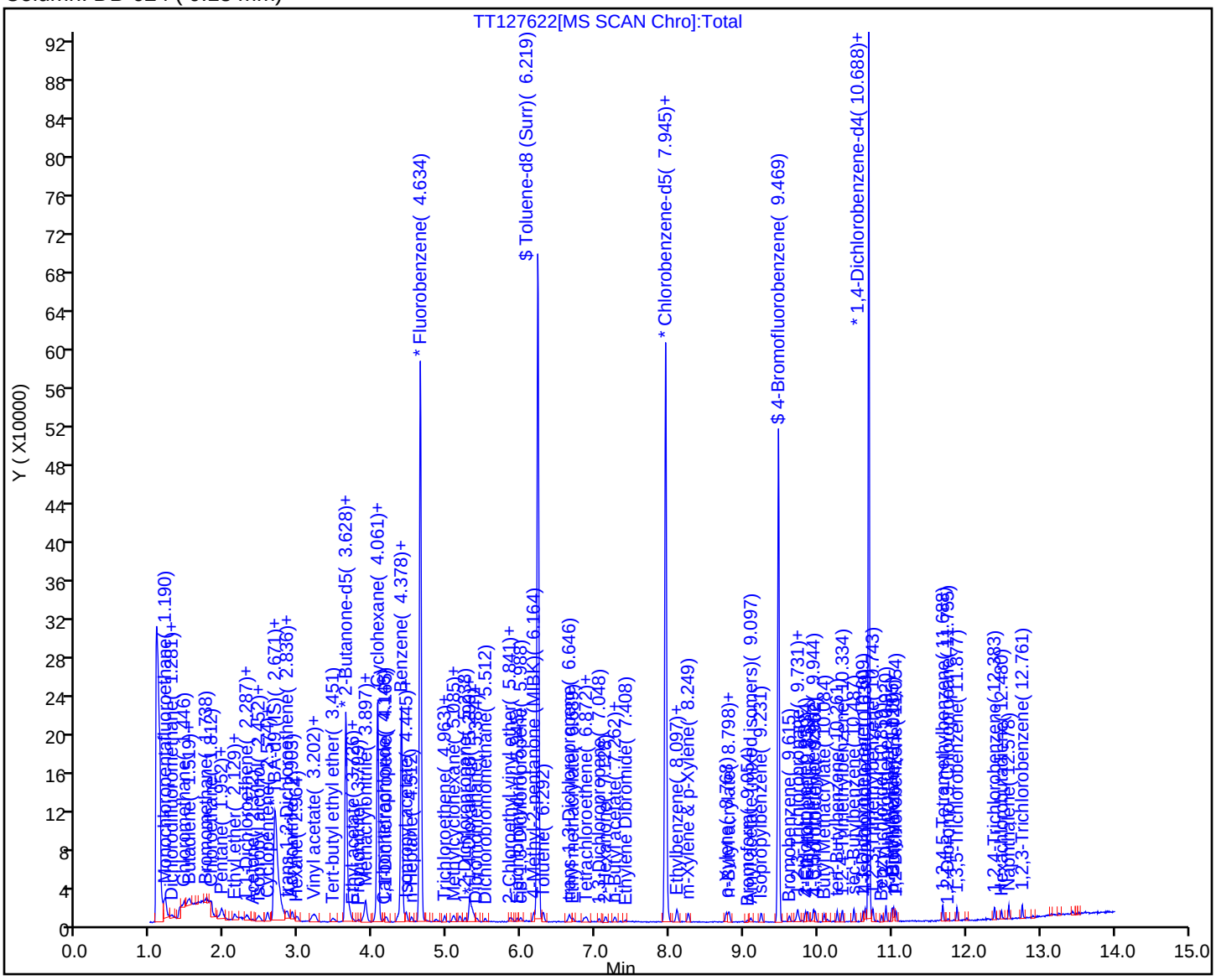
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

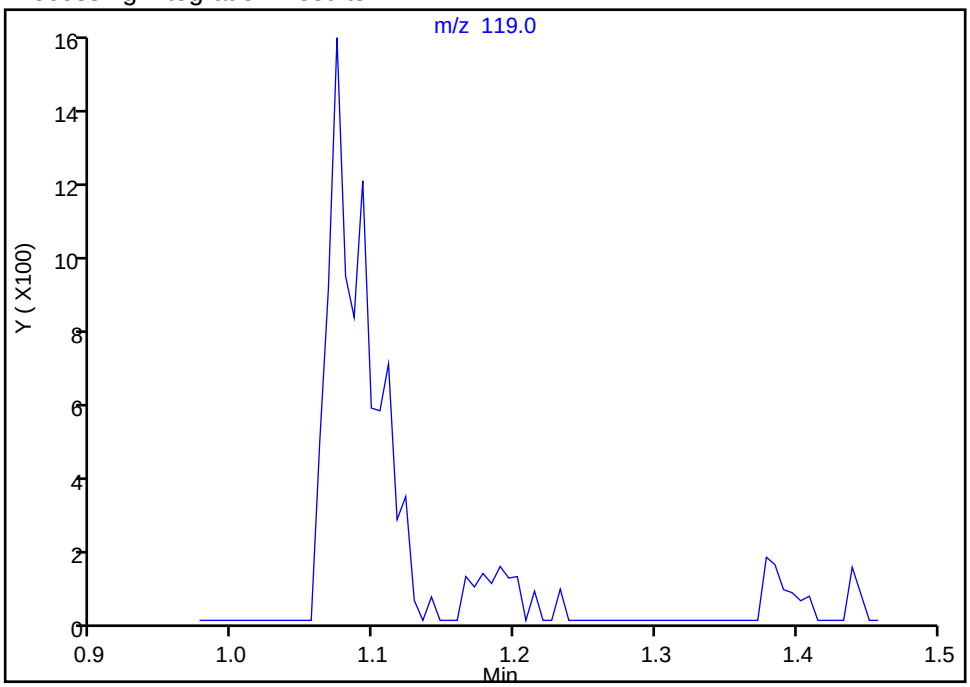
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

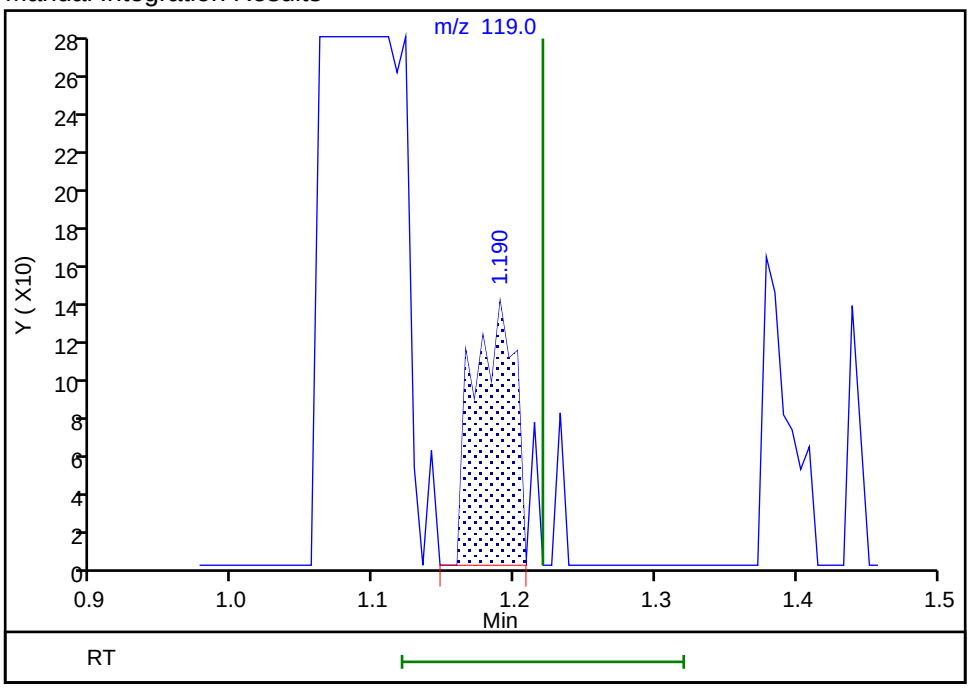
Not Detected
Expected RT: 1.22

Processing Integration Results



Manual Integration Results

RT: 1.19
Area: 286
Amount: 1.463892
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:59:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

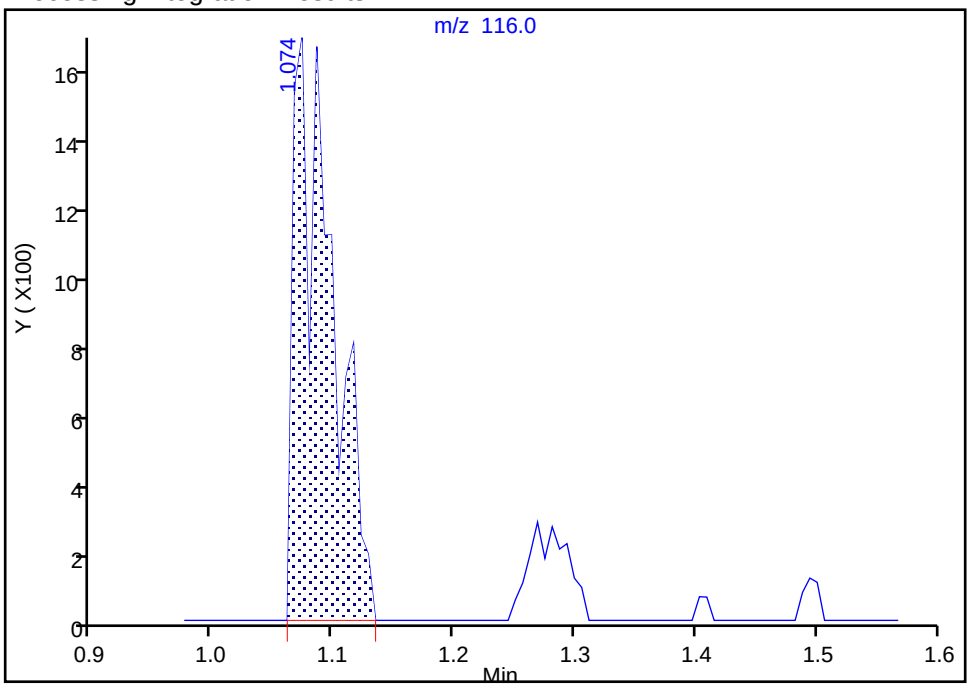
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

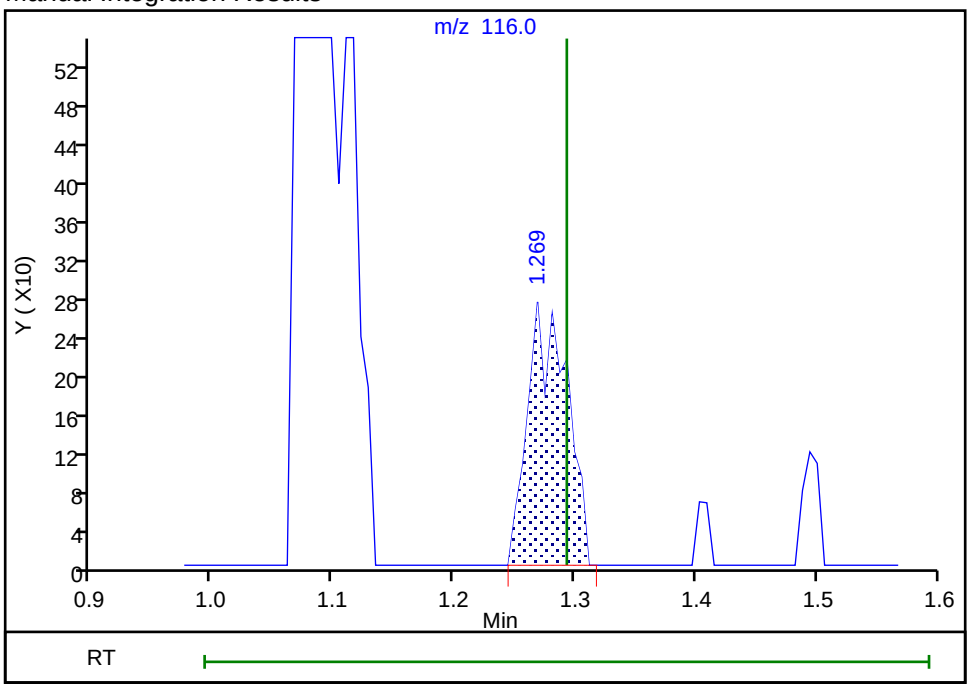
Processing Integration Results

RT: 1.07
Area: 3585
Amount: 1.460449
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 614
Amount: 0.437691
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:59:25
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

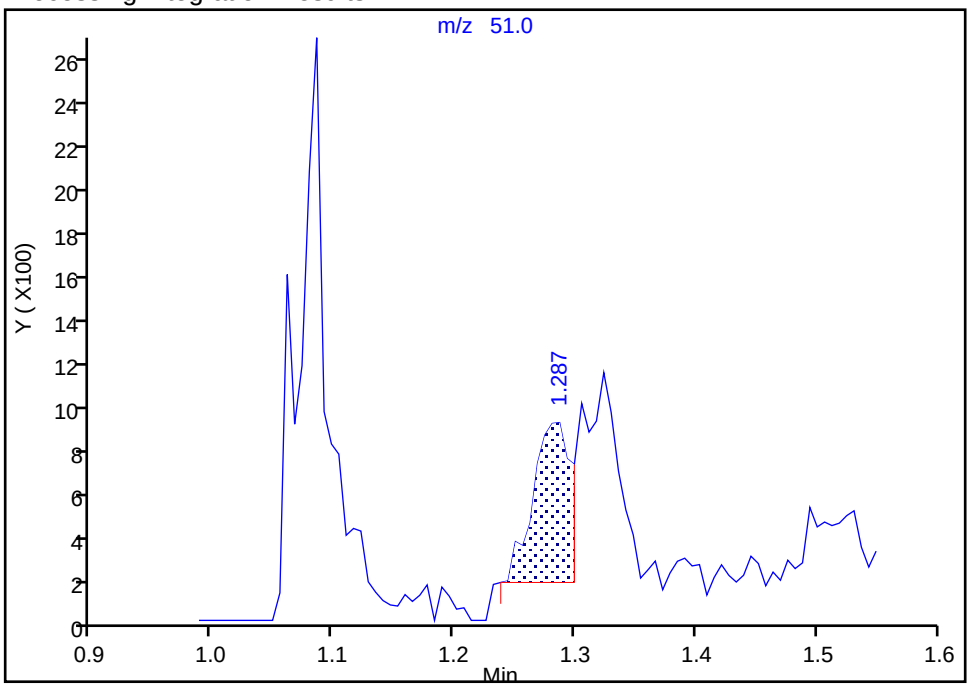
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

2 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

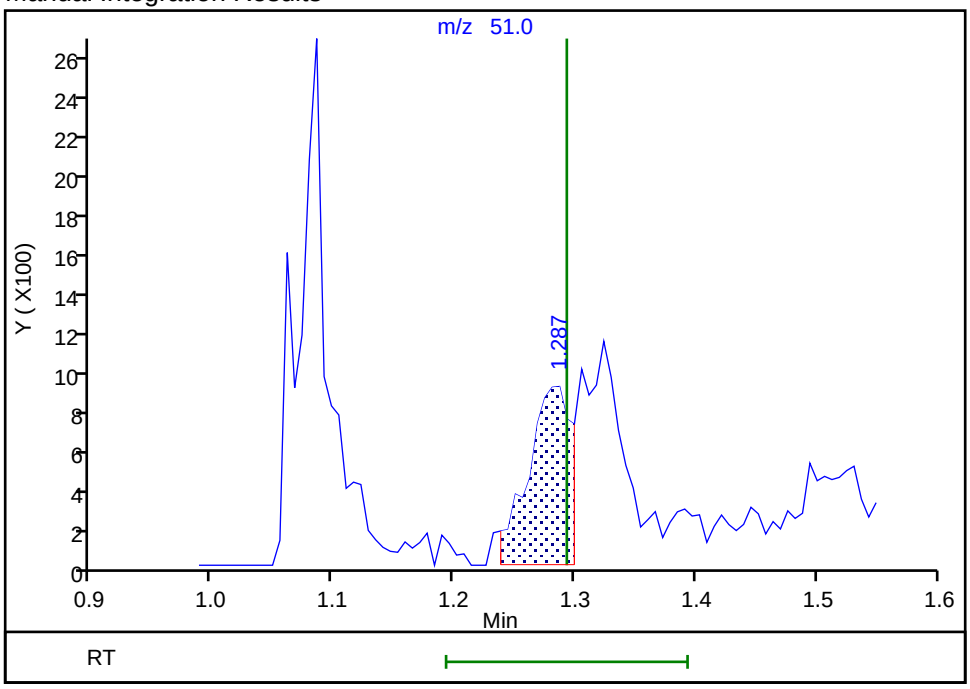
Processing Integration Results

RT: 1.29
Area: 1602
Amount: 0.458282
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 2282
Amount: 0.618437
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:59:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

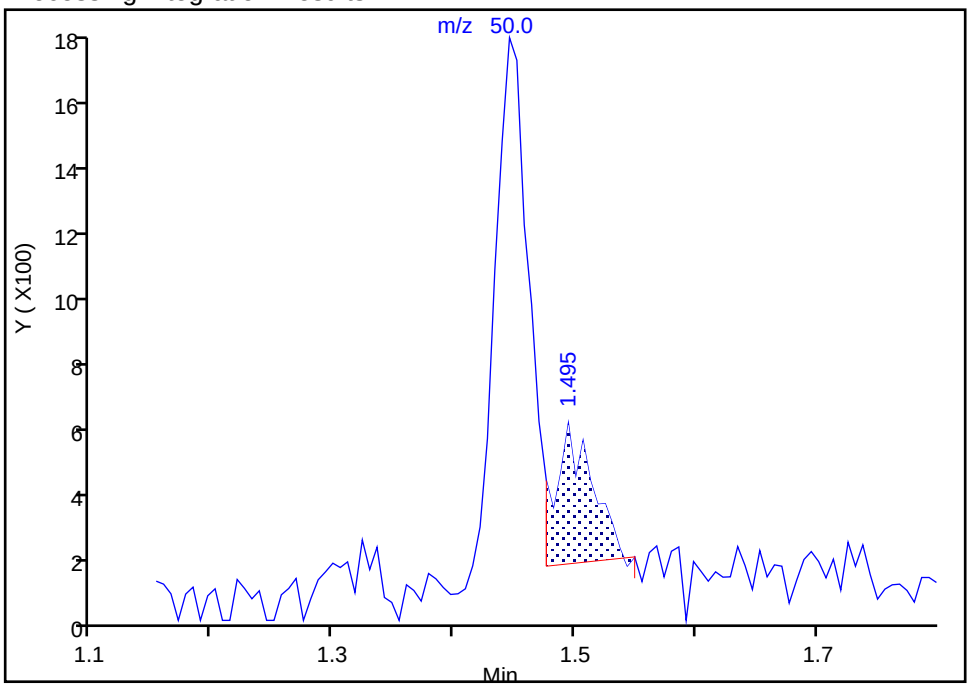
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

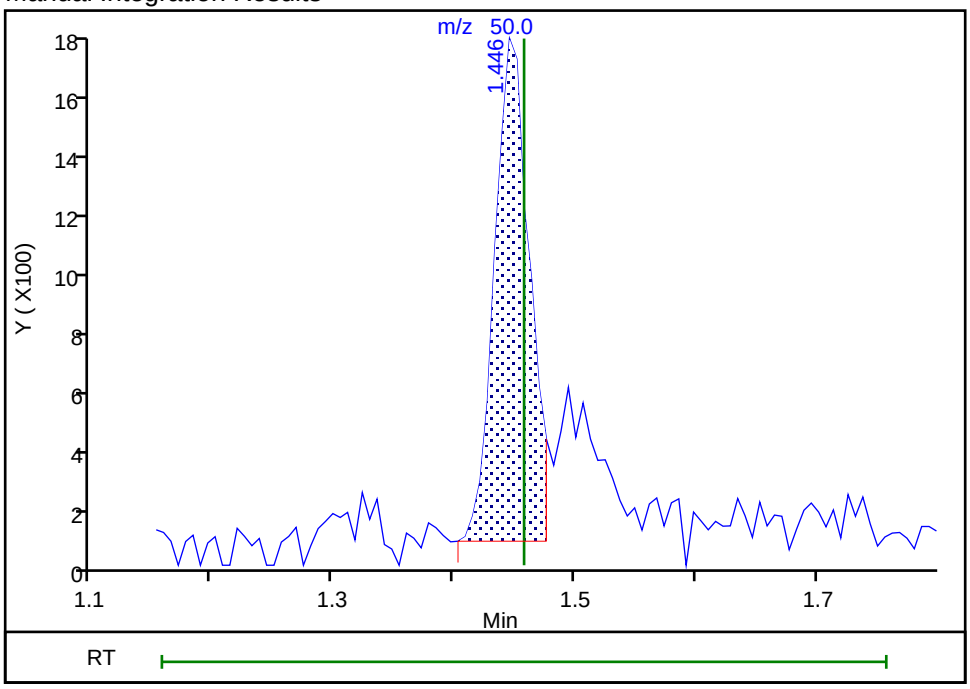
Processing Integration Results

RT: 1.49
Area: 892
Amount: 0.166526
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 3372
Amount: 0.642981
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:30:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

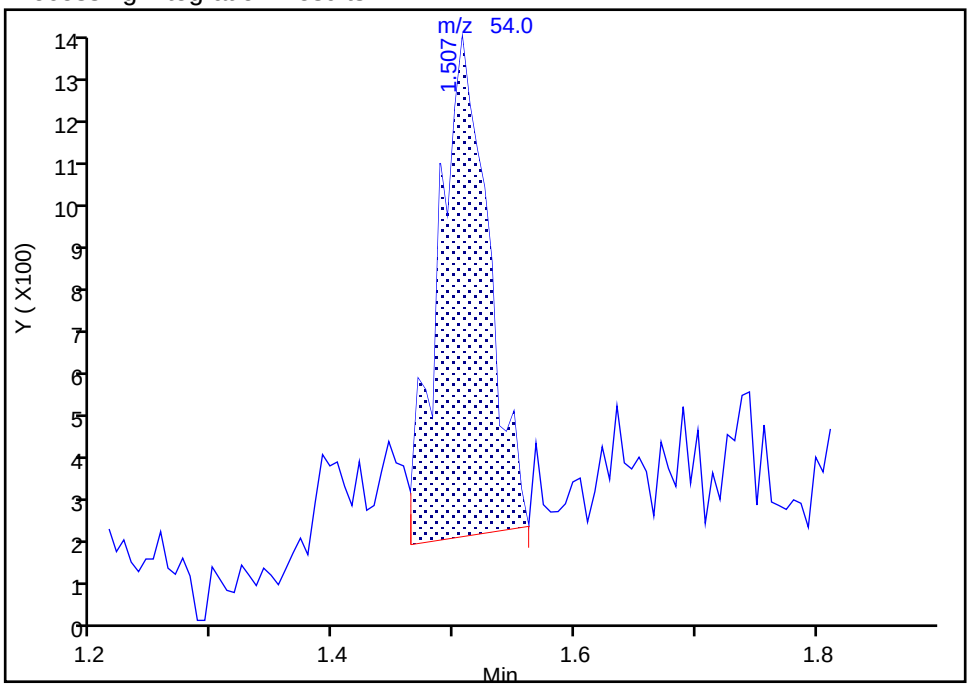
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

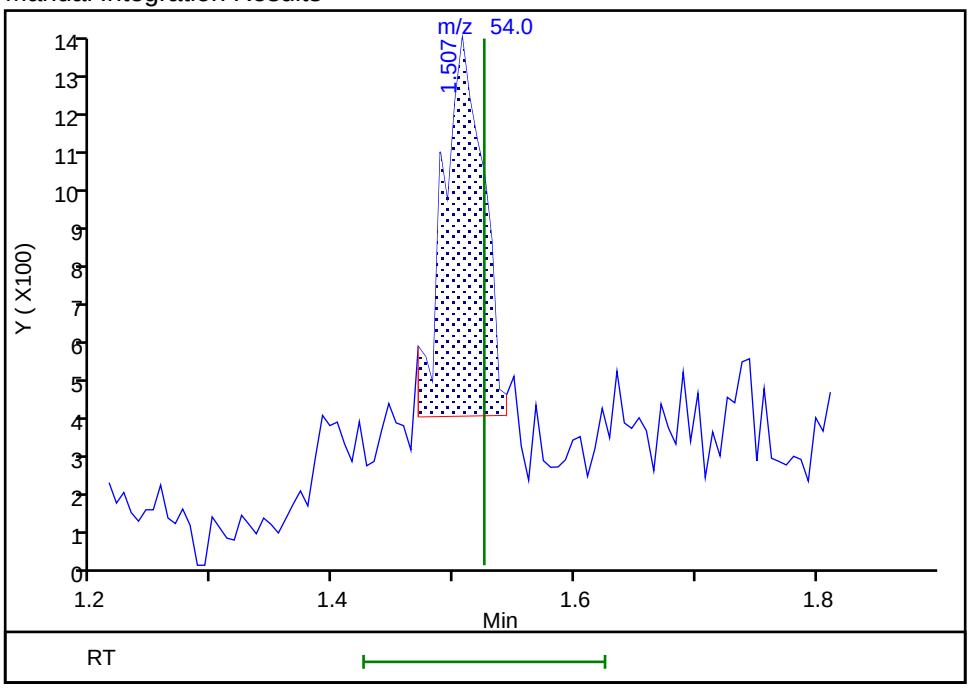
Processing Integration Results

RT: 1.51
Area: 3286
Amount: 0.684023
Amount Units: ug/l



Manual Integration Results

RT: 1.51
Area: 2224
Amount: 0.490037
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:00:17
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

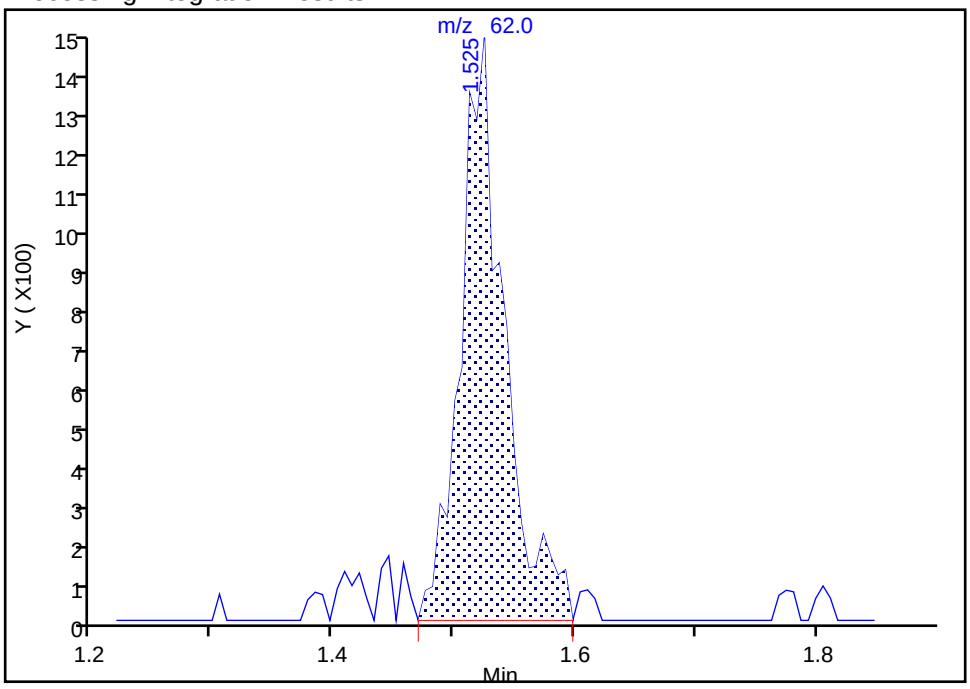
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

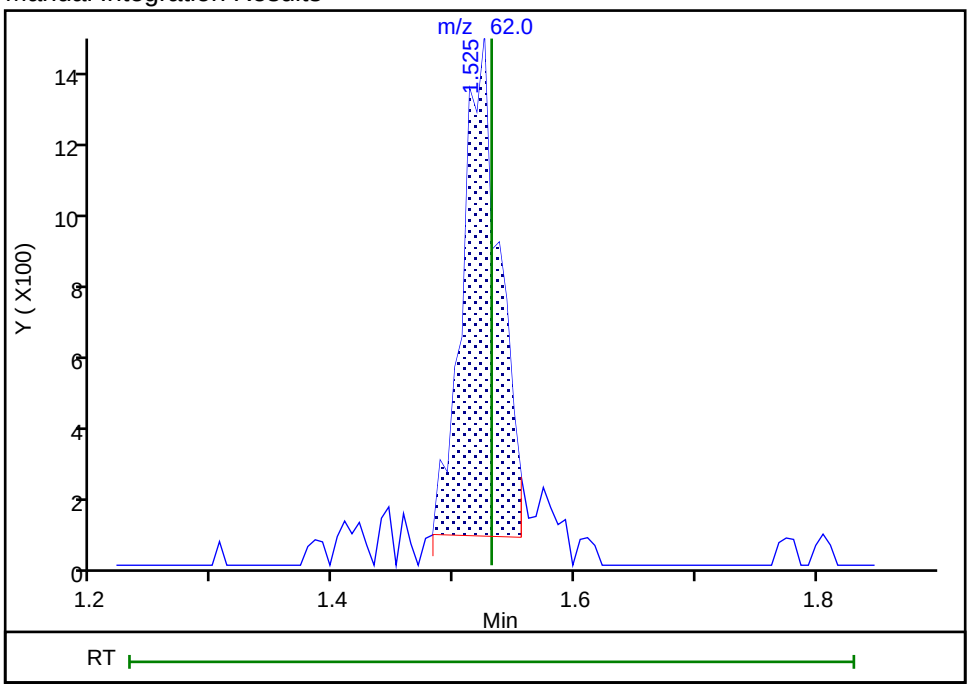
Processing Integration Results

RT: 1.53
Area: 3723
Amount: 0.709313
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 2972
Amount: 0.590366
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:00:41
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

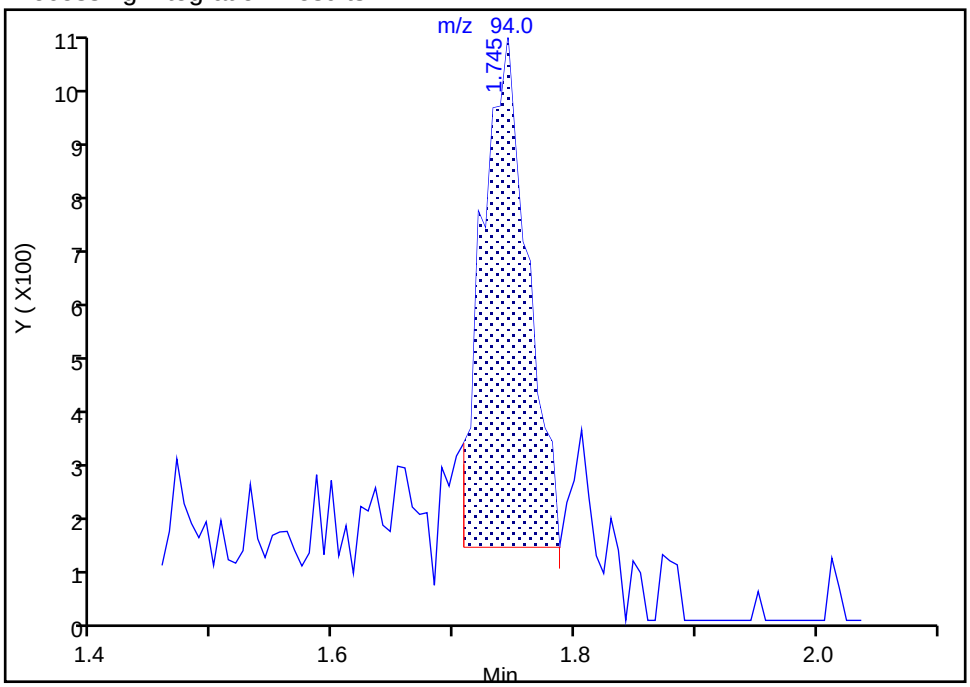
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

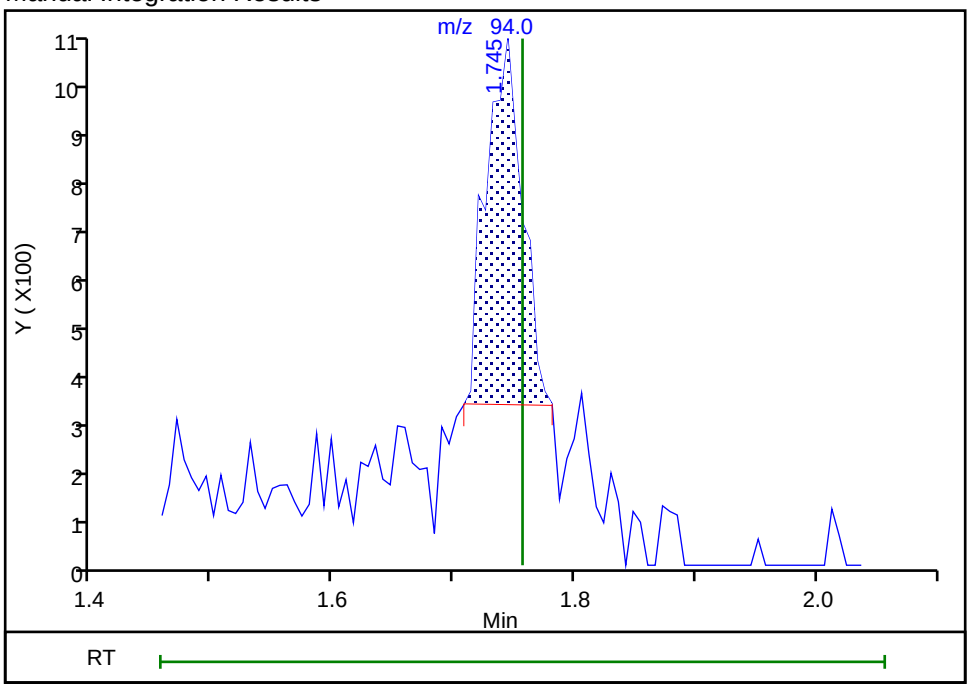
Processing Integration Results

RT: 1.74
Area: 2349
Amount: 0.674858
Amount Units: ug/l



Manual Integration Results

RT: 1.74
Area: 1472
Amount: 0.455705
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:00:54
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

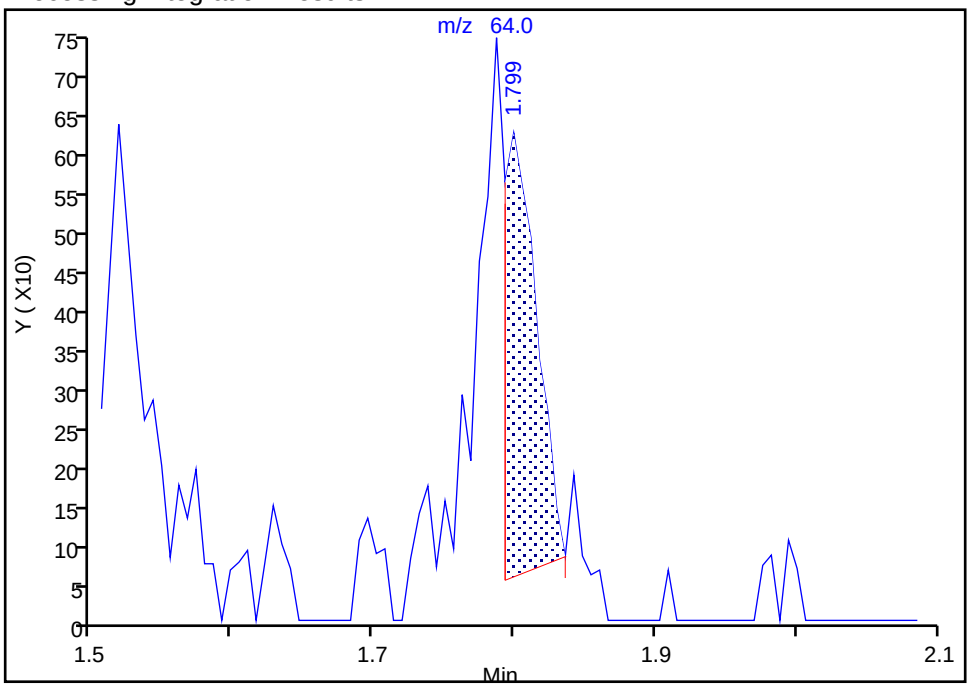
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Signal: 1

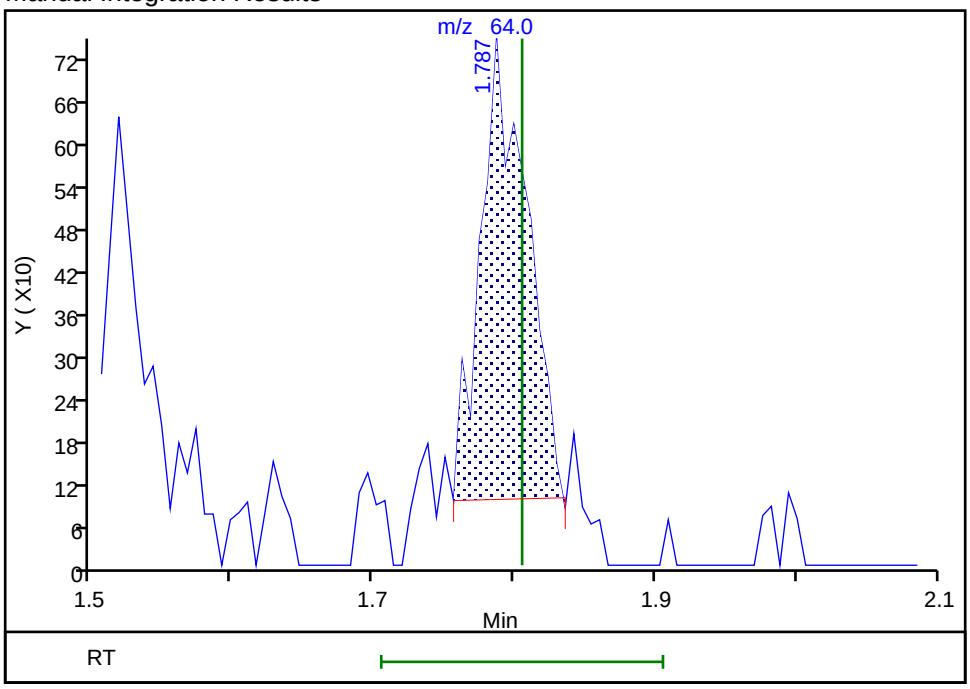
Processing Integration Results

RT: 1.80
Area: 916
Amount: 0.358027
Amount Units: ug/l



Manual Integration Results

RT: 1.79
Area: 1481
Amount: 0.568783
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:01:19
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

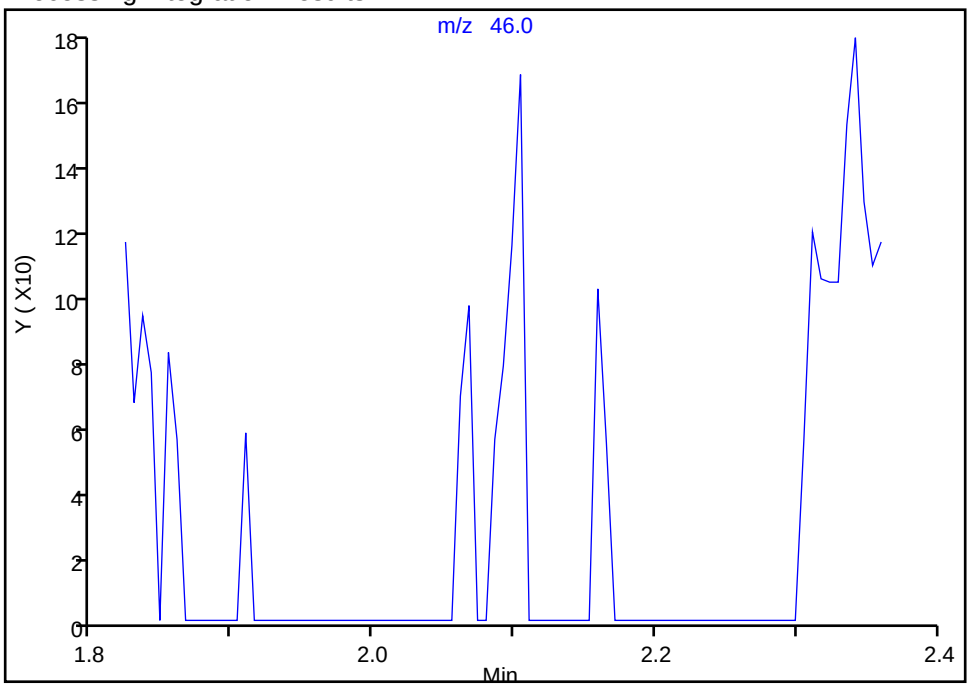
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

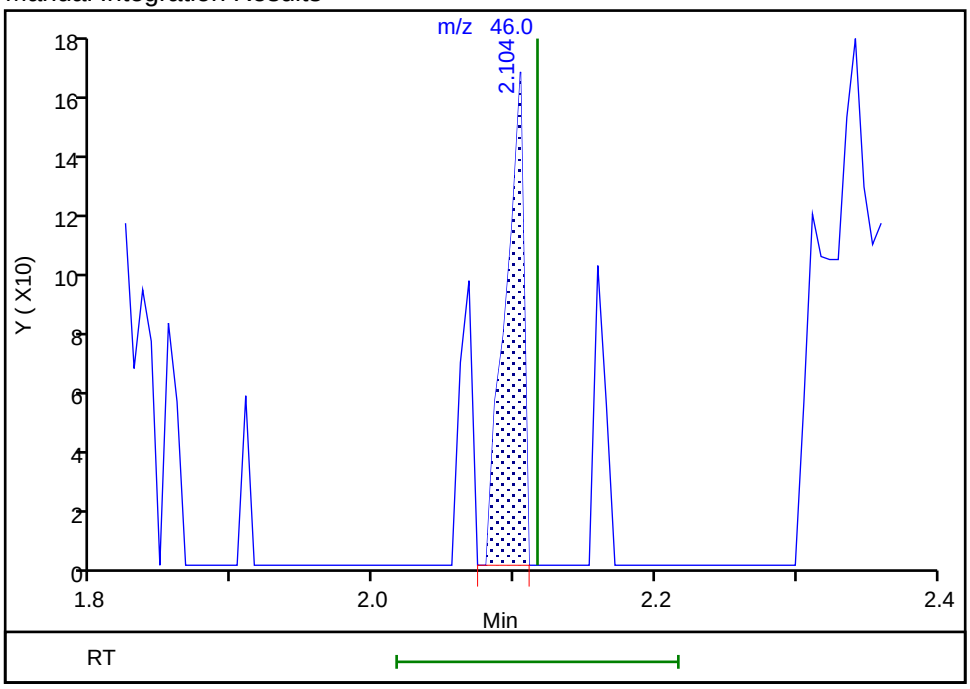
Not Detected
Expected RT: 2.12

Processing Integration Results



Manual Integration Results

RT: 2.10
Area: 148
Amount: 9.443015
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:06:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

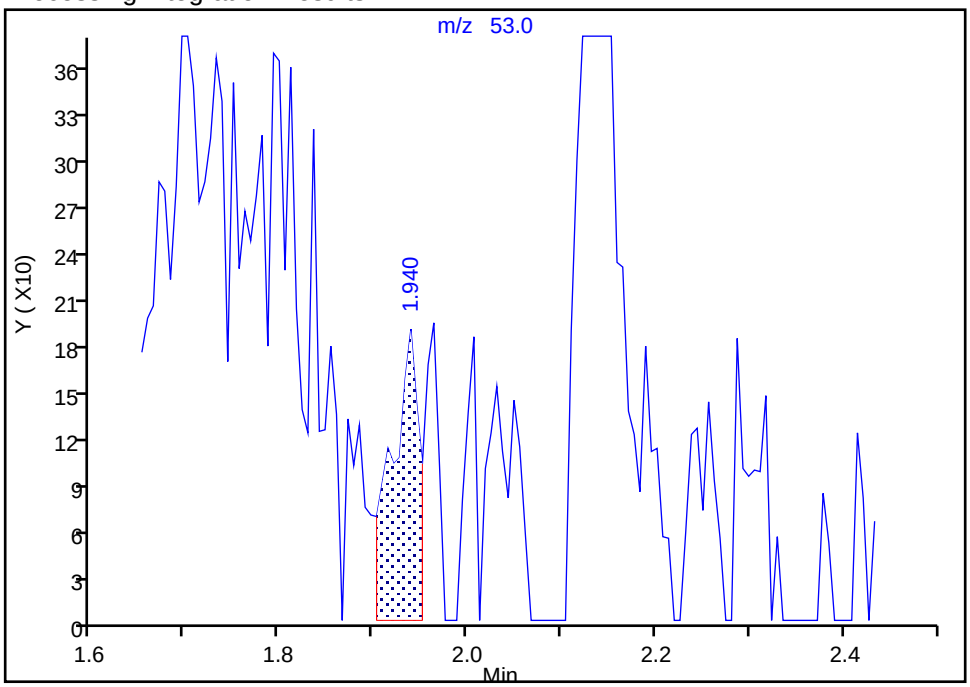
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

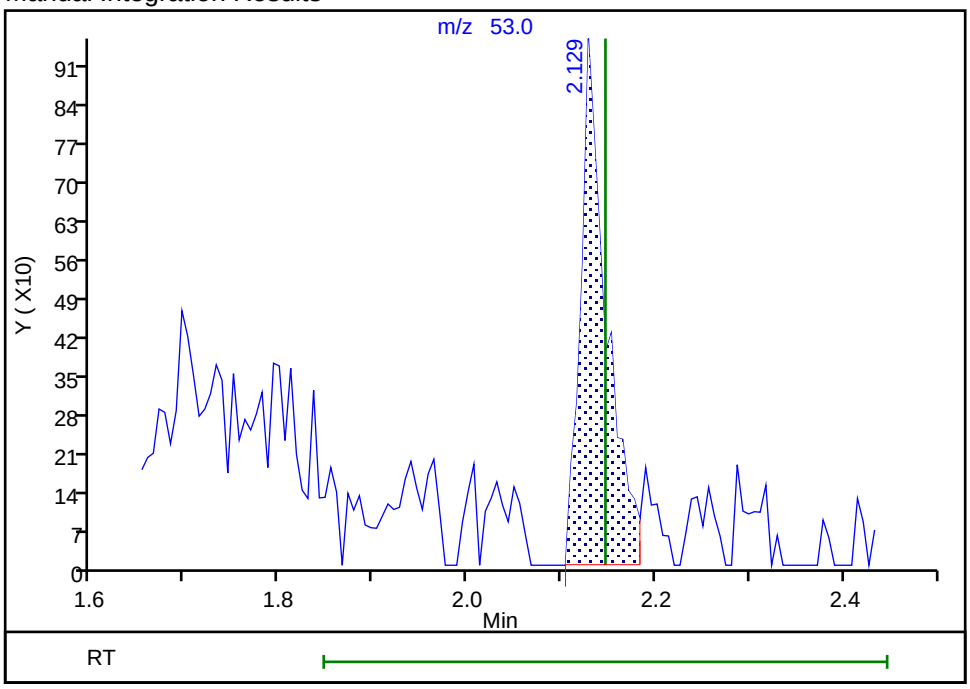
Processing Integration Results

RT: 1.94
Area: 387
Amount: 0.125637
Amount Units: ug/l



Manual Integration Results

RT: 2.13
Area: 1812
Amount: 0.587842
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:03:19
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

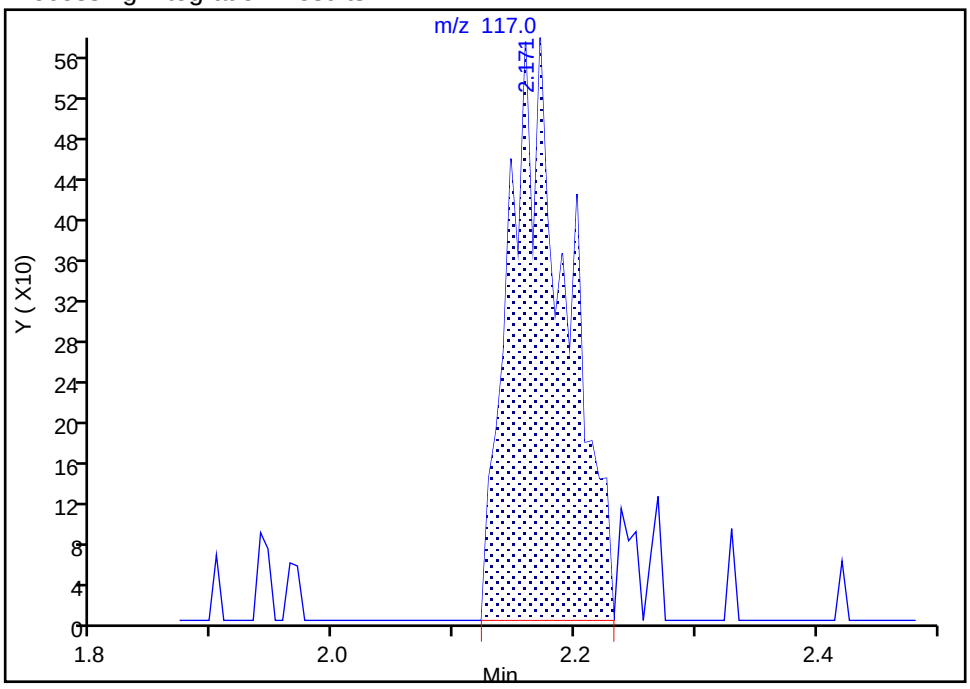
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

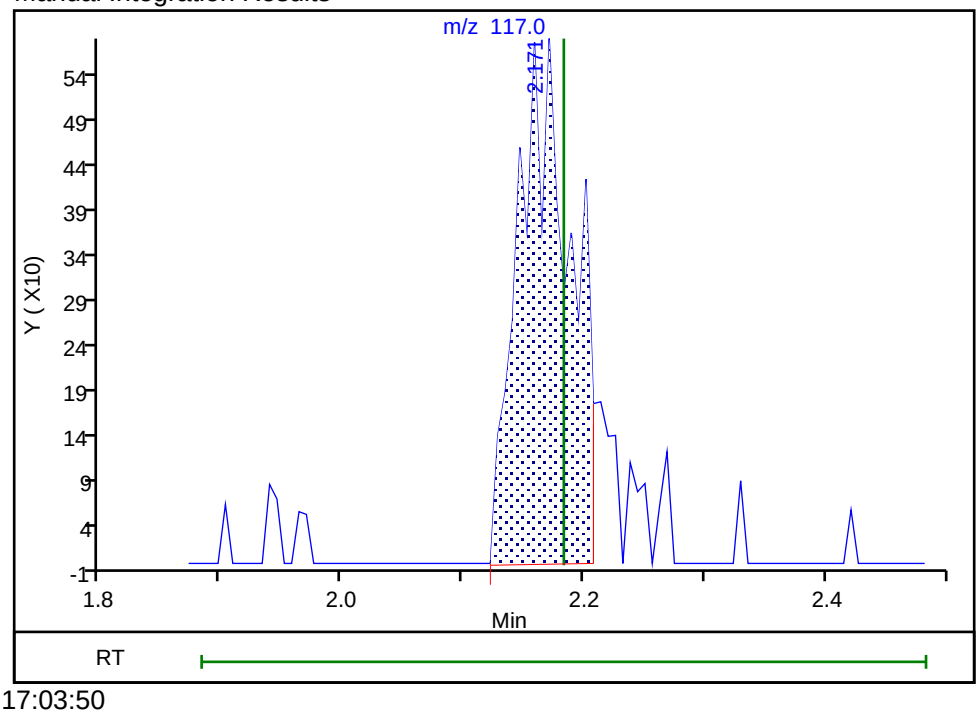
Processing Integration Results

RT: 2.17
Area: 1937
Amount: 0.644255
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 1774
Amount: 0.599324
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:03:50
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

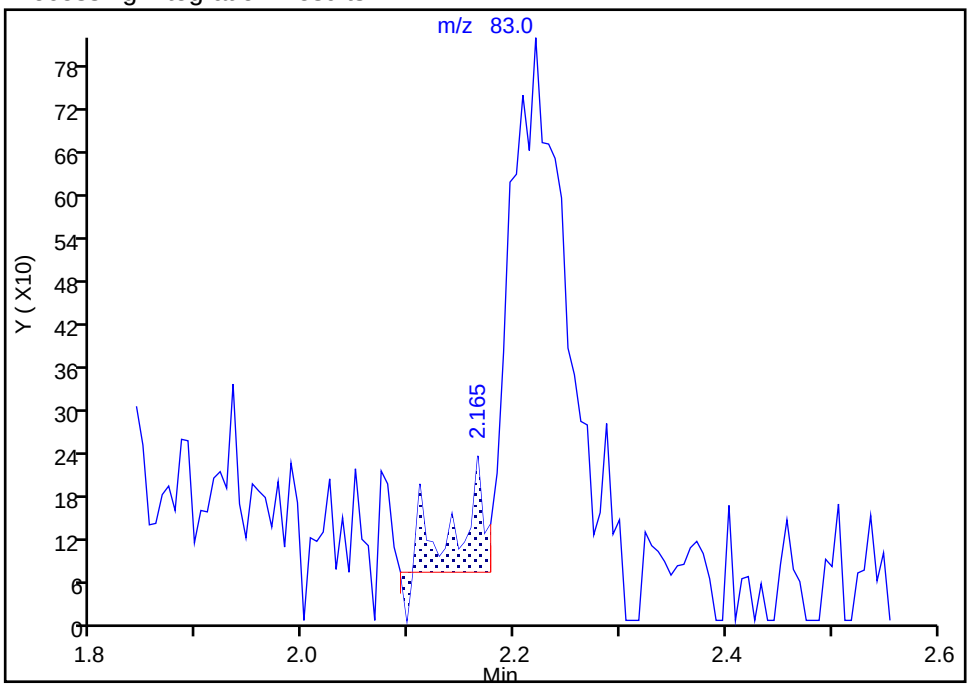
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

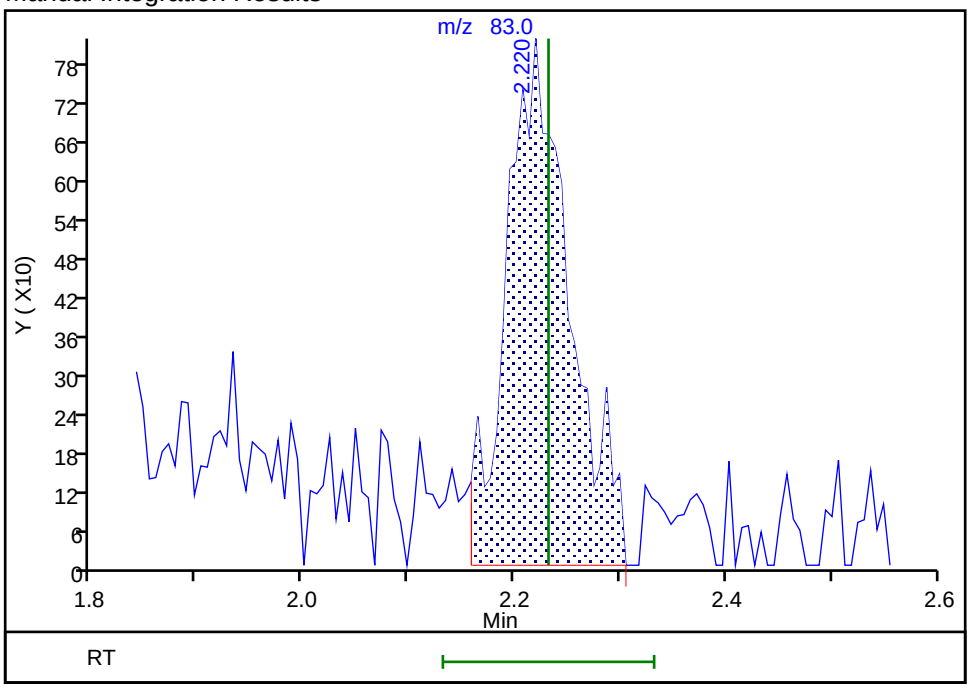
Processing Integration Results

RT: 2.17
Area: 257
Amount: 0.050358
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 3383
Amount: 0.682450
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:30:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

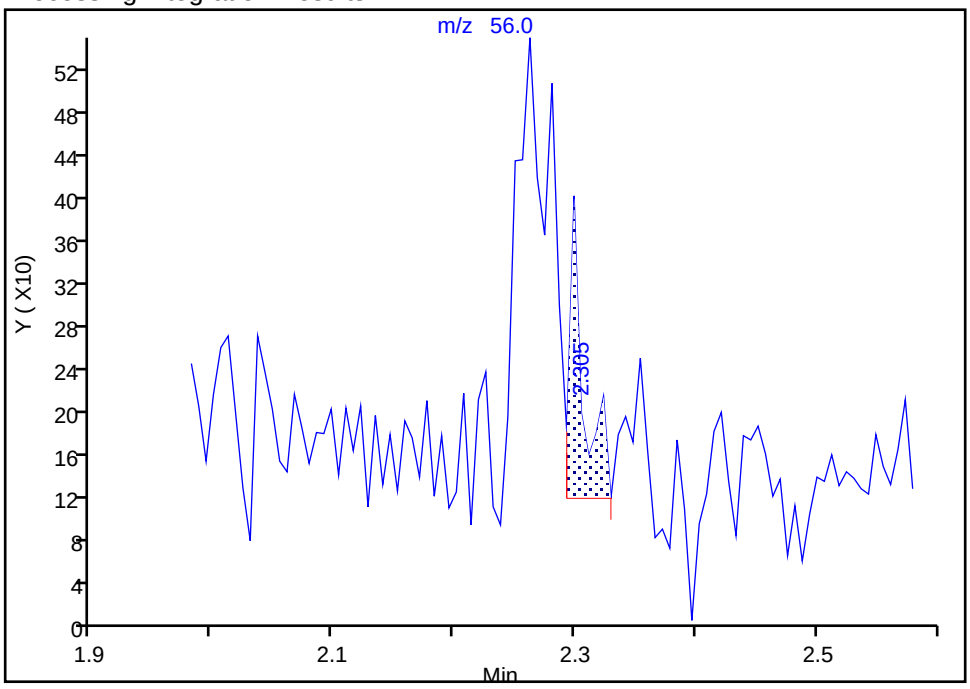
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

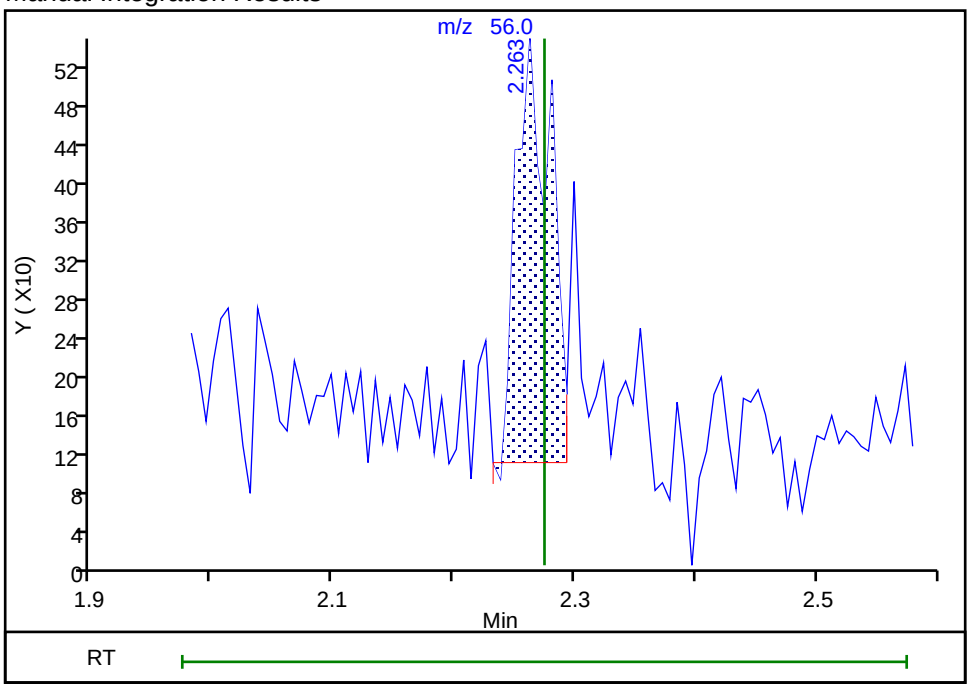
Processing Integration Results

RT: 2.31
Area: 229
Amount: 0.541561
Amount Units: ug/l



Manual Integration Results

RT: 2.26
Area: 874
Amount: 2.095519
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:31:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

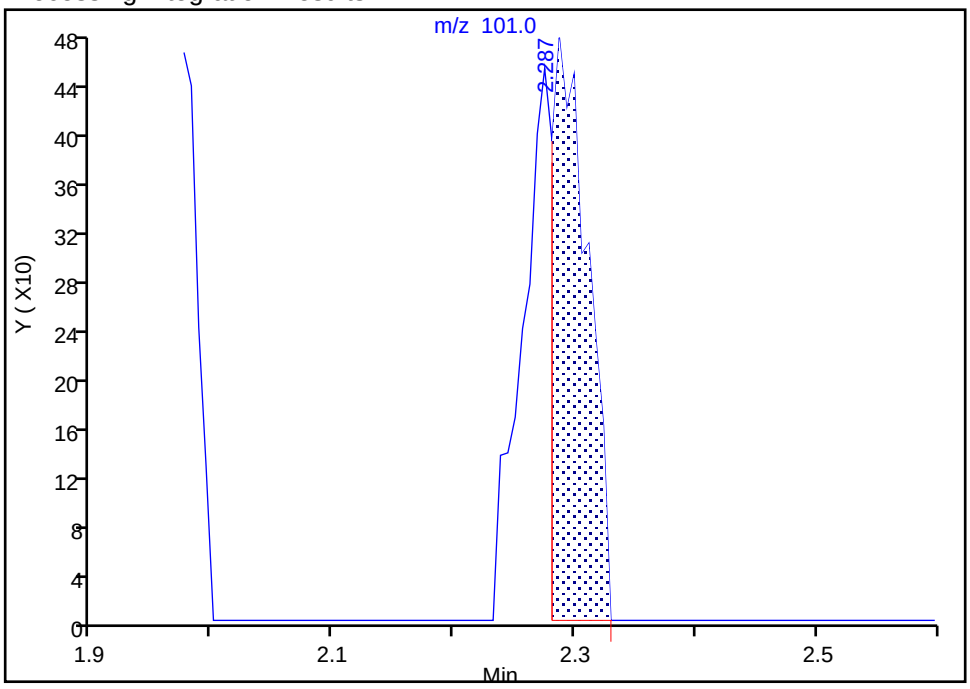
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

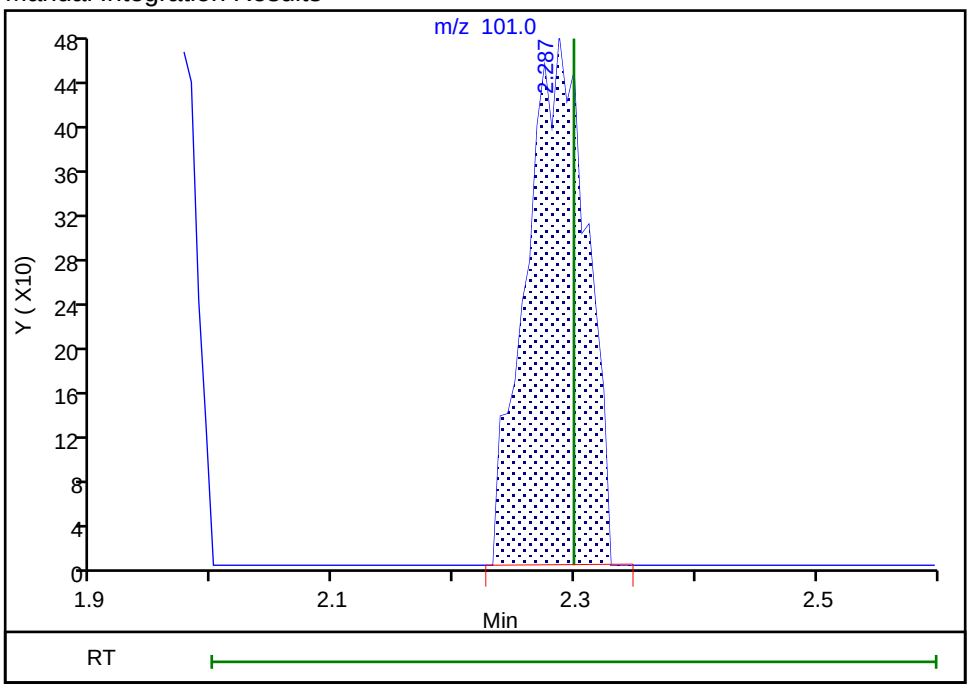
Processing Integration Results

RT: 2.29
Area: 990
Amount: 0.458869
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 1640
Amount: 0.500435
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:31:18
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

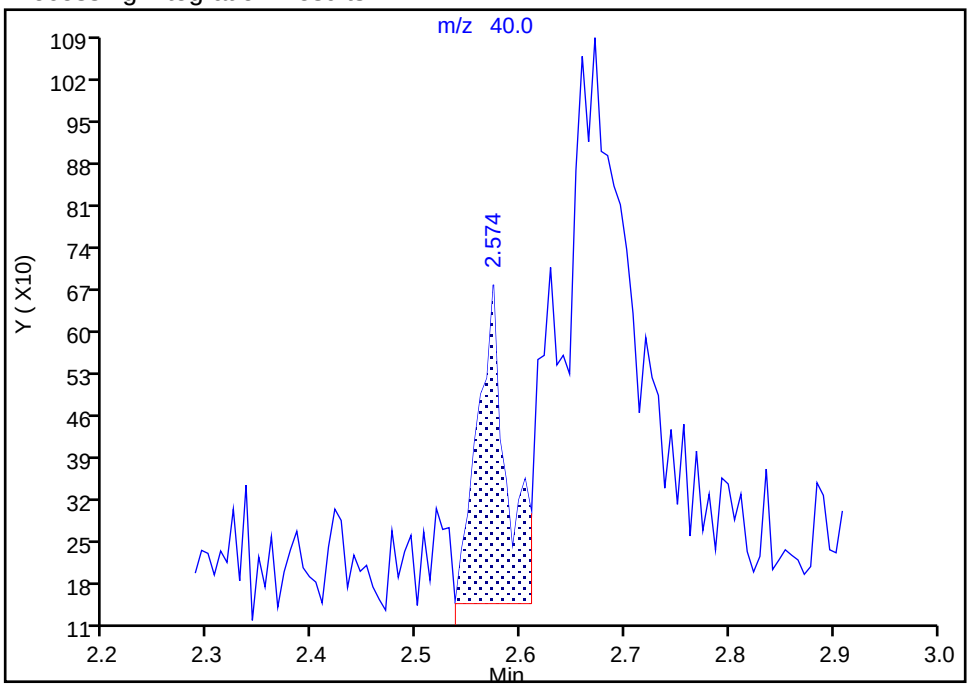
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

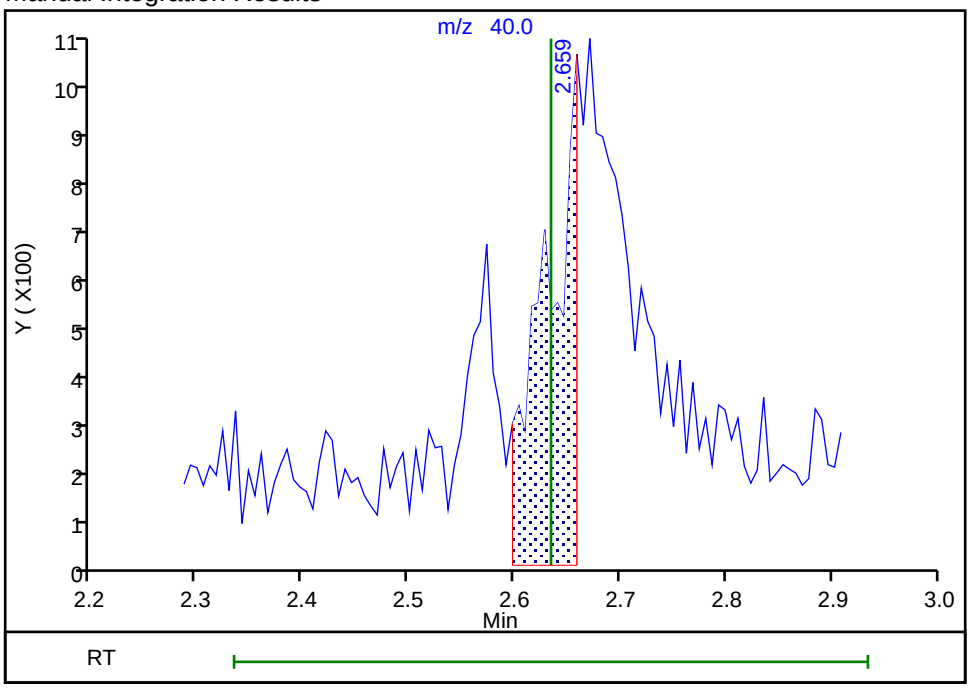
Processing Integration Results

RT: 2.57
Area: 1051
Amount: 7.388662
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 2190
Amount: 9.777448
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:05:43
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

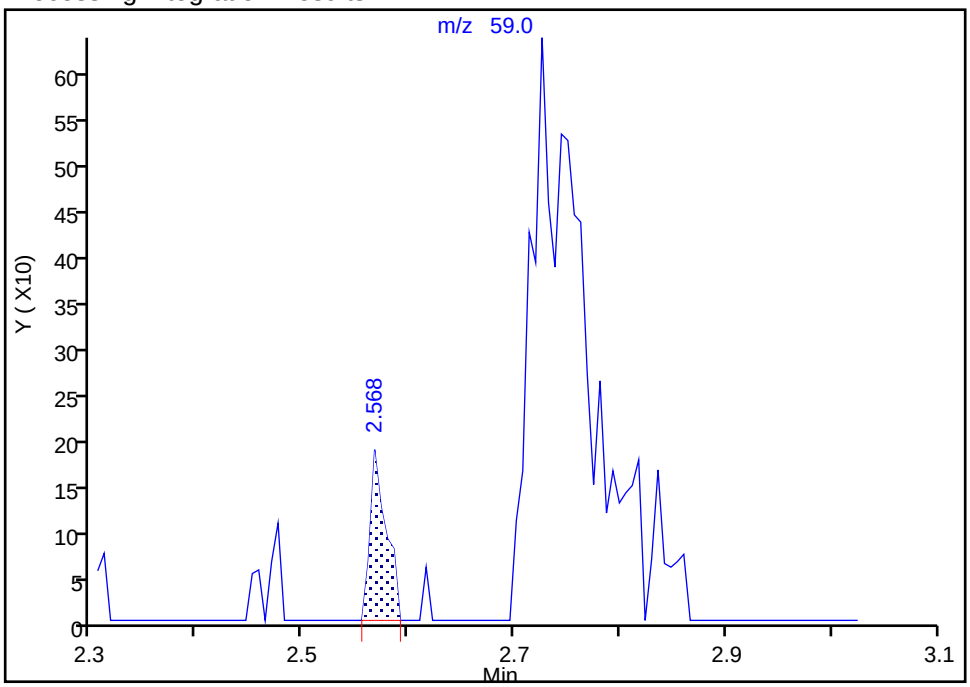
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

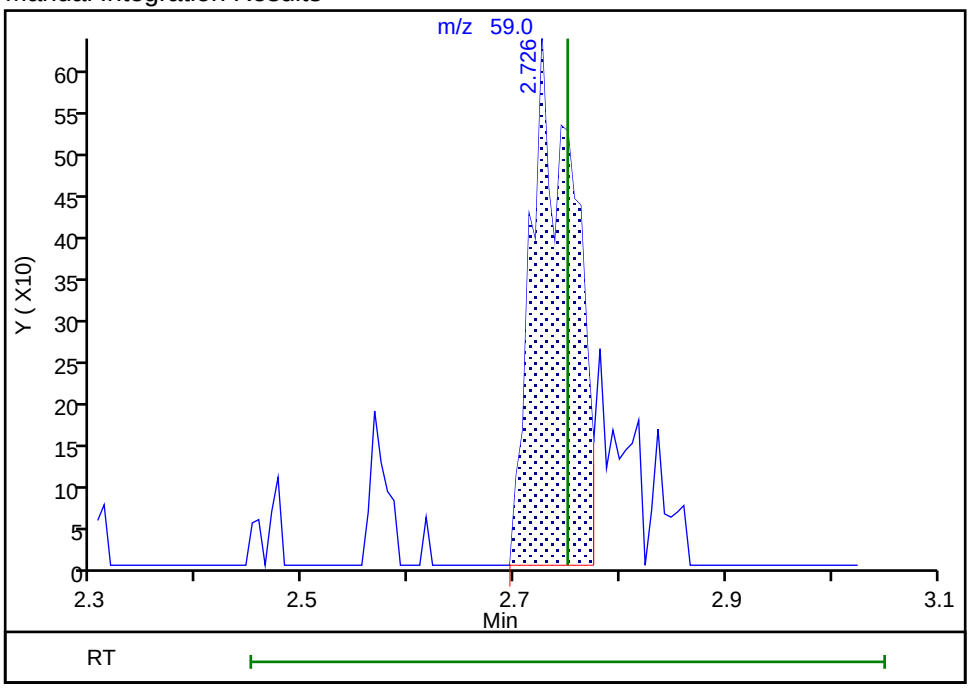
Processing Integration Results

RT: 2.57
Area: 198
Amount: 1.943712
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 1795
Amount: 5.472210
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:08:31
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

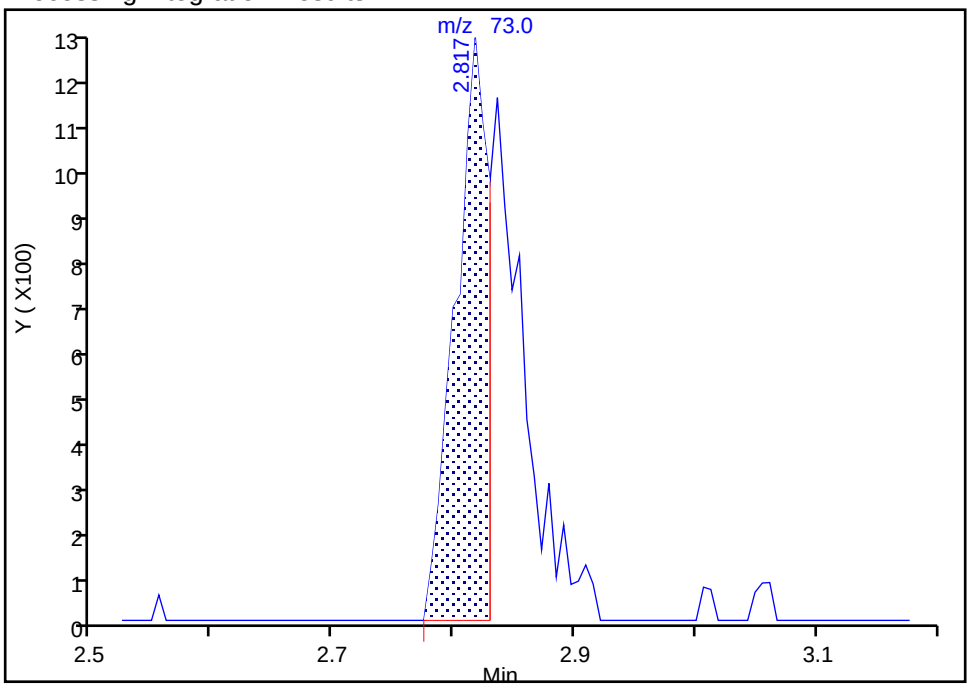
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

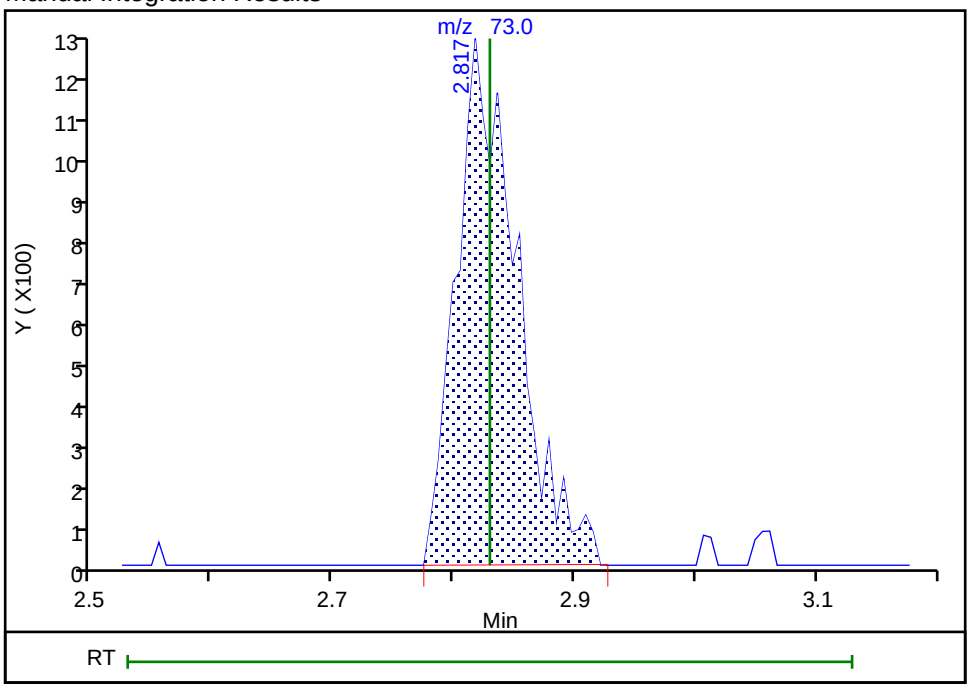
Processing Integration Results

RT: 2.82
Area: 2403
Amount: 0.296185
Amount Units: ug/l



Manual Integration Results

RT: 2.82
Area: 4369
Amount: 0.558325
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:31:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

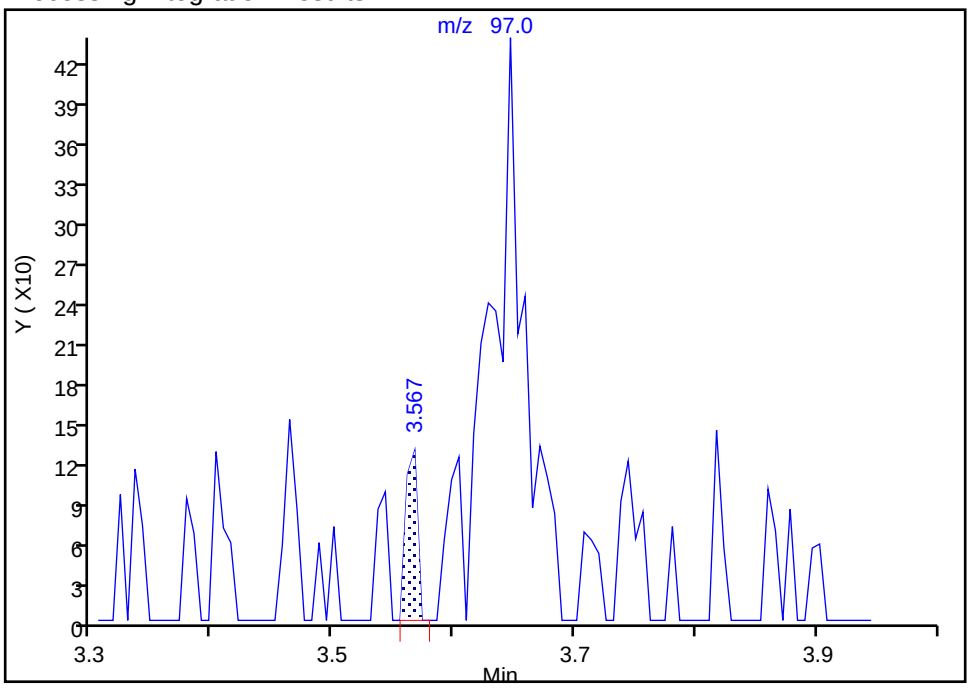
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

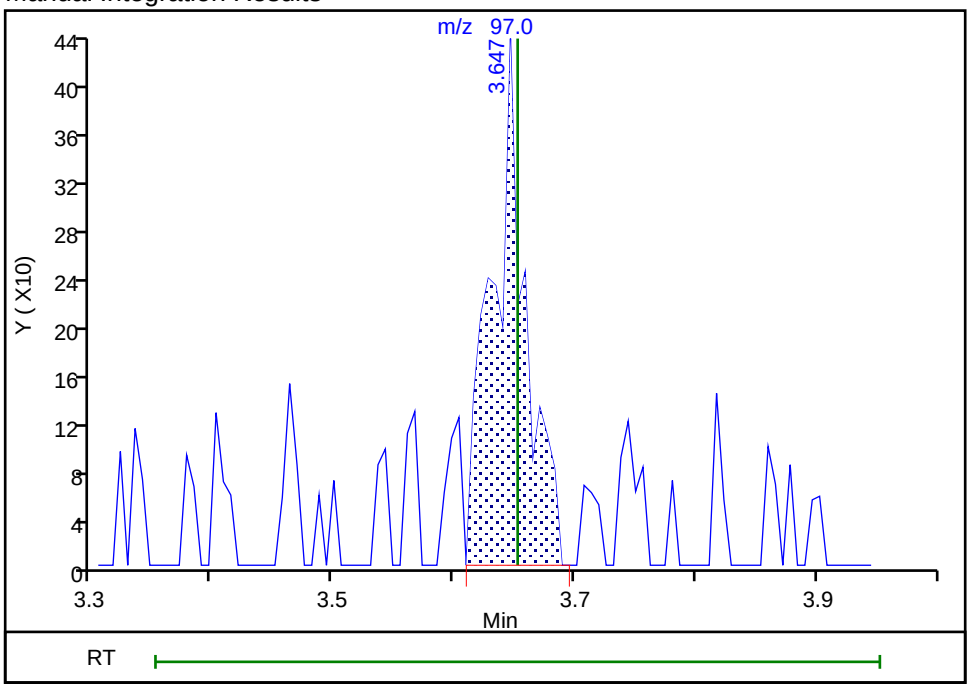
Processing Integration Results

RT: 3.57
Area: 86
Amount: 0.106481
Amount Units: ug/l



Manual Integration Results

RT: 3.65
Area: 841
Amount: 0.692089
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:32:04
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

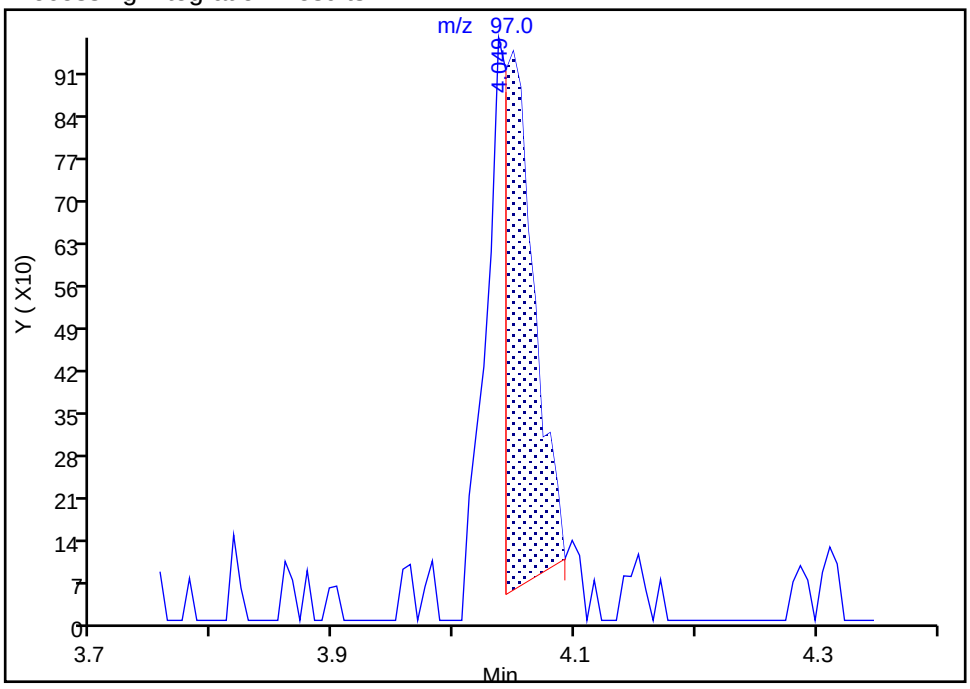
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

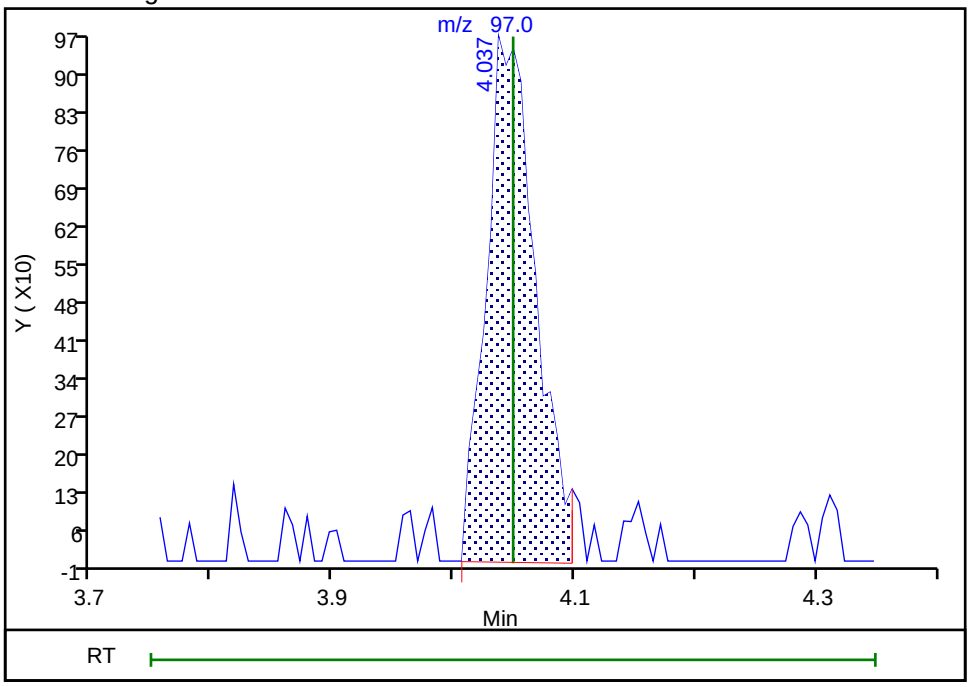
Processing Integration Results

RT: 4.05
Area: 1544
Amount: 0.354810
Amount Units: ug/l



Manual Integration Results

RT: 4.04
Area: 2771
Amount: 0.589299
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:33:35
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

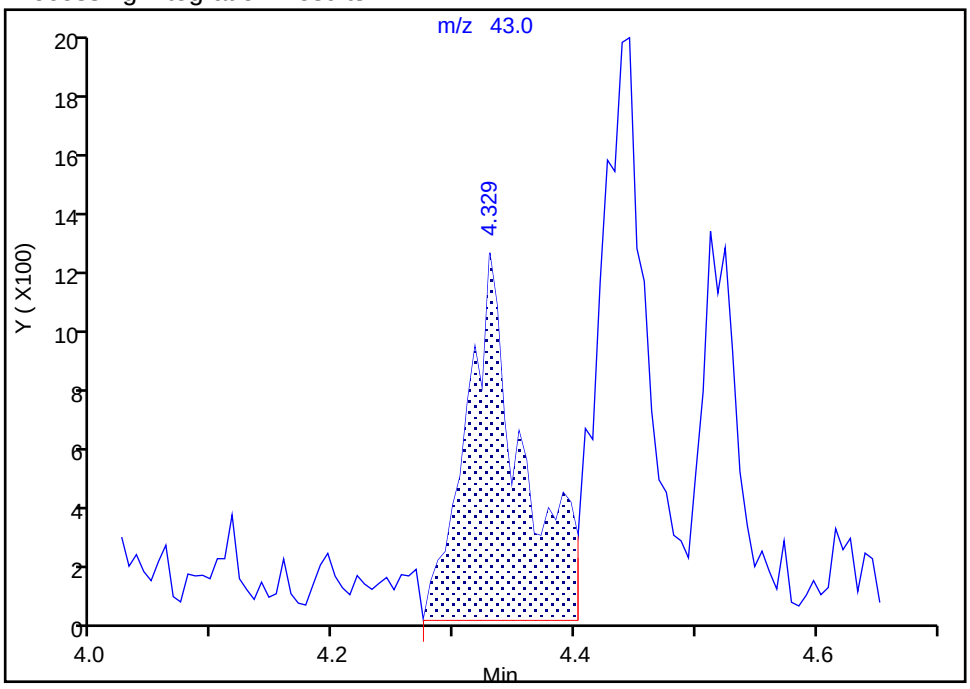
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D				
Injection Date:	06-Aug-2020 09:32:30	Instrument ID:	CVOAMS17		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

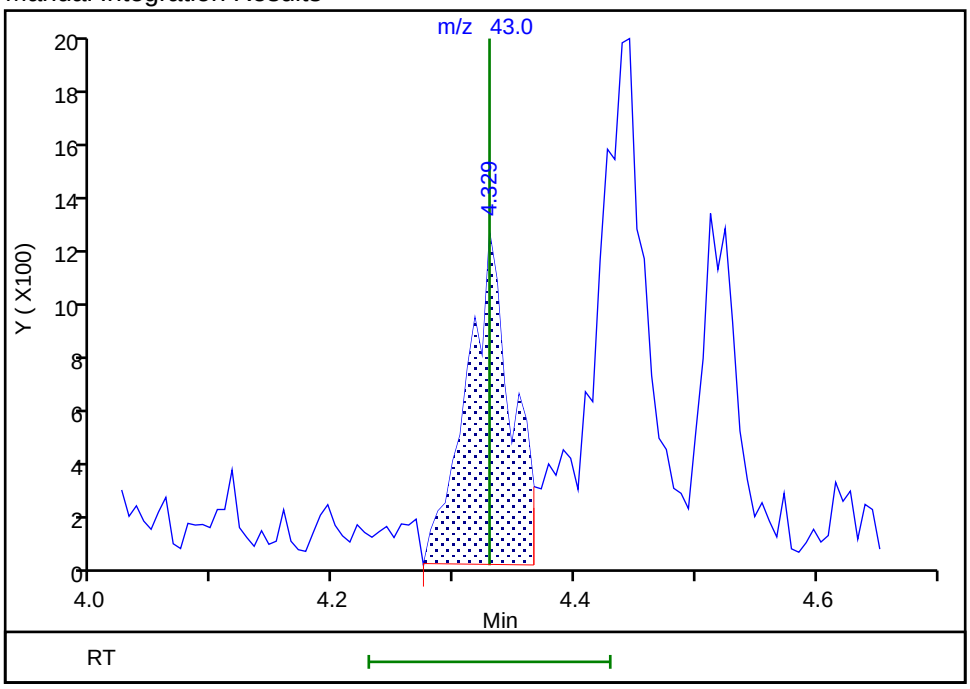
Processing Integration Results

RT: 4.33
Area: 3770
Amount: 15.871110
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 3018
Amount: 13.182249
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:11:08
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

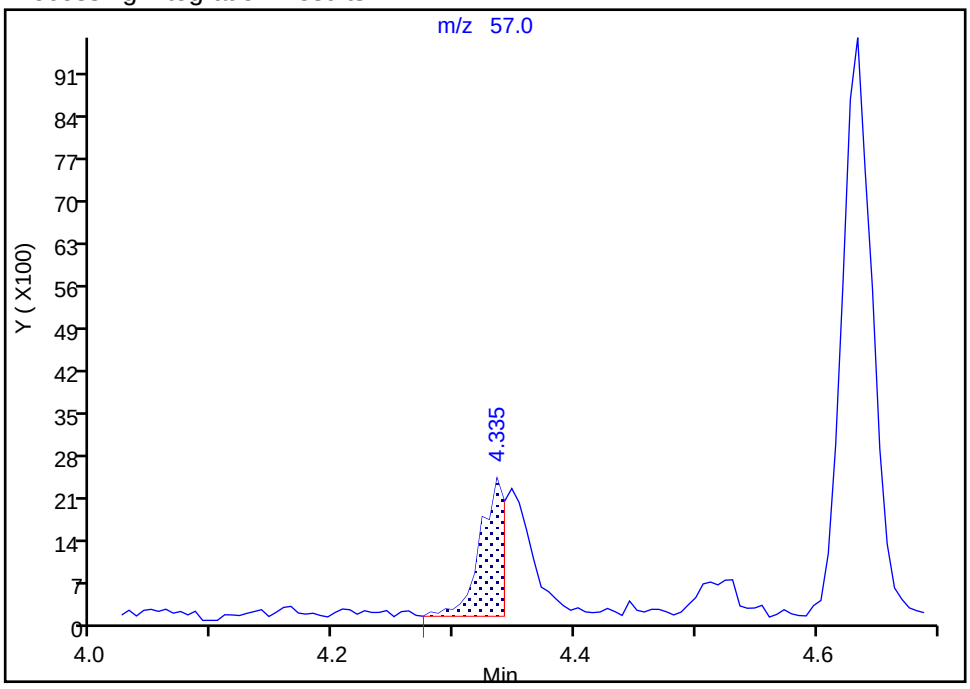
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isooctane, CAS: 540-84-1

Signal: 1

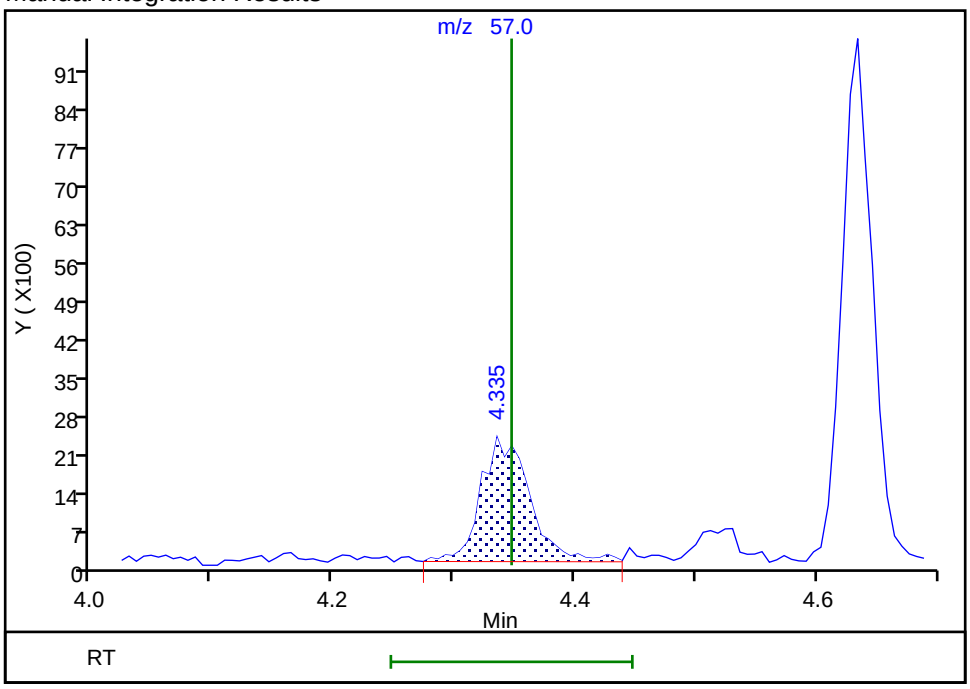
Processing Integration Results

RT: 4.34
Area: 3303
Amount: 0.534244
Amount Units: ug/l



Manual Integration Results

RT: 4.34
Area: 6391
Amount: 0.522294
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:33:49
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

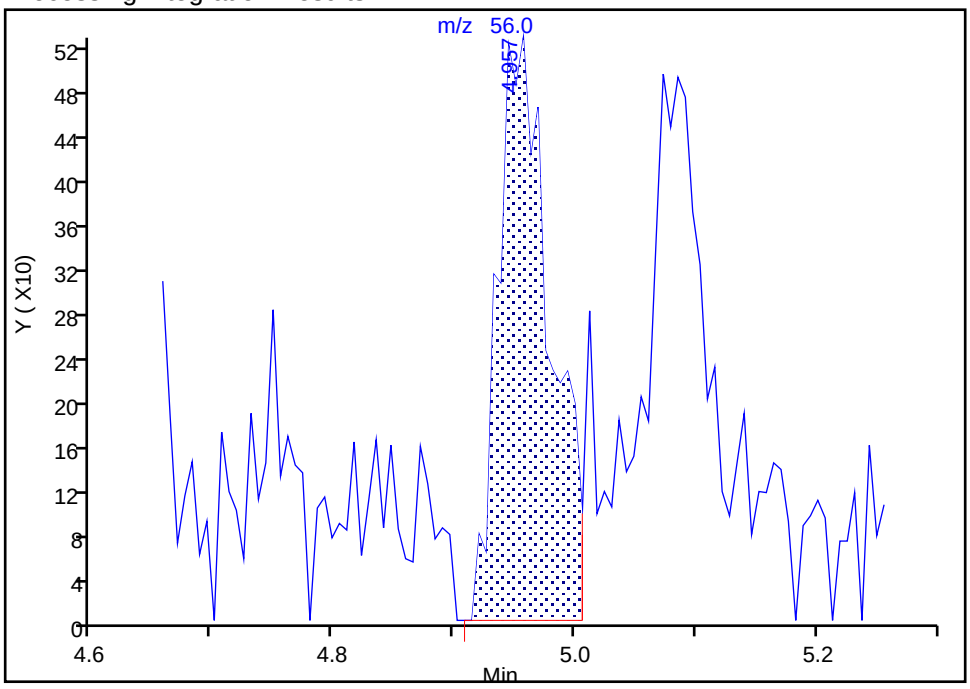
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

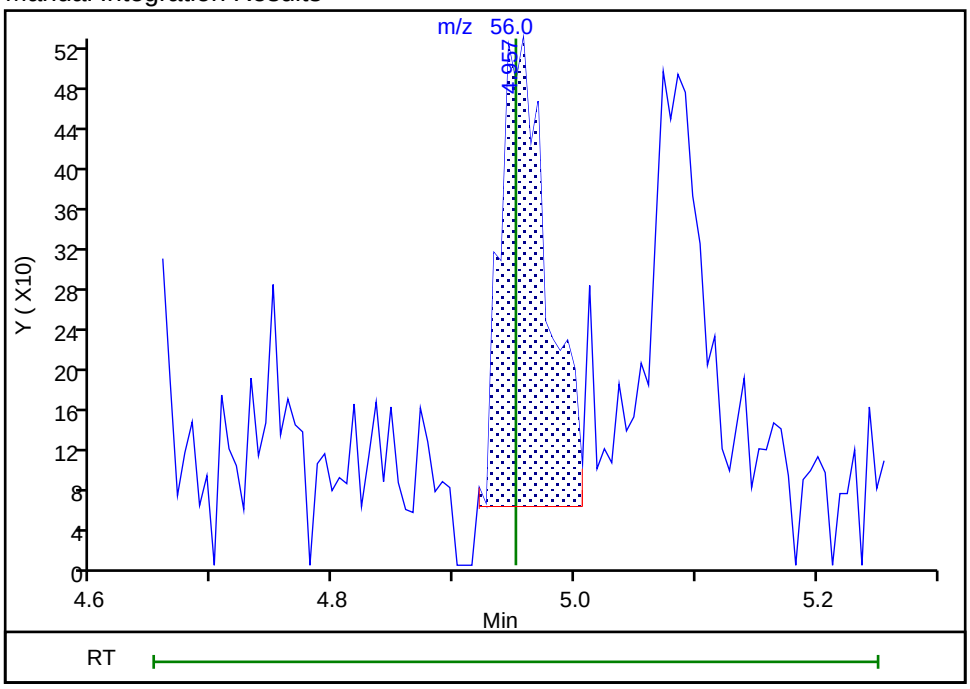
Processing Integration Results

RT: 4.96
Area: 1604
Amount: 18.978836
Amount Units: ug/l



Manual Integration Results

RT: 4.96
Area: 1280
Amount: 14.728539
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:11:52
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

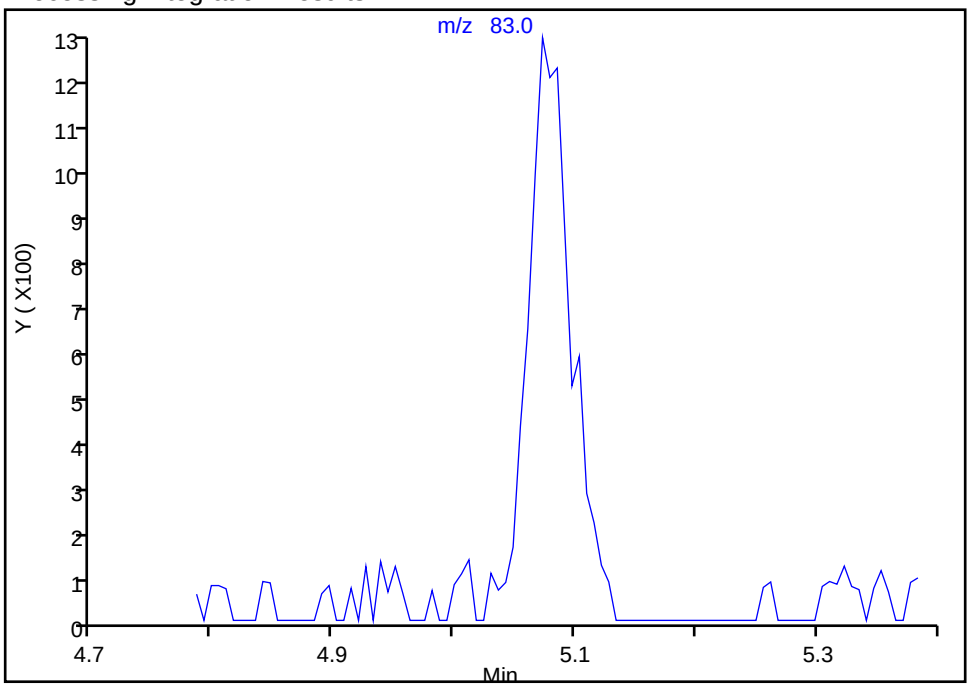
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

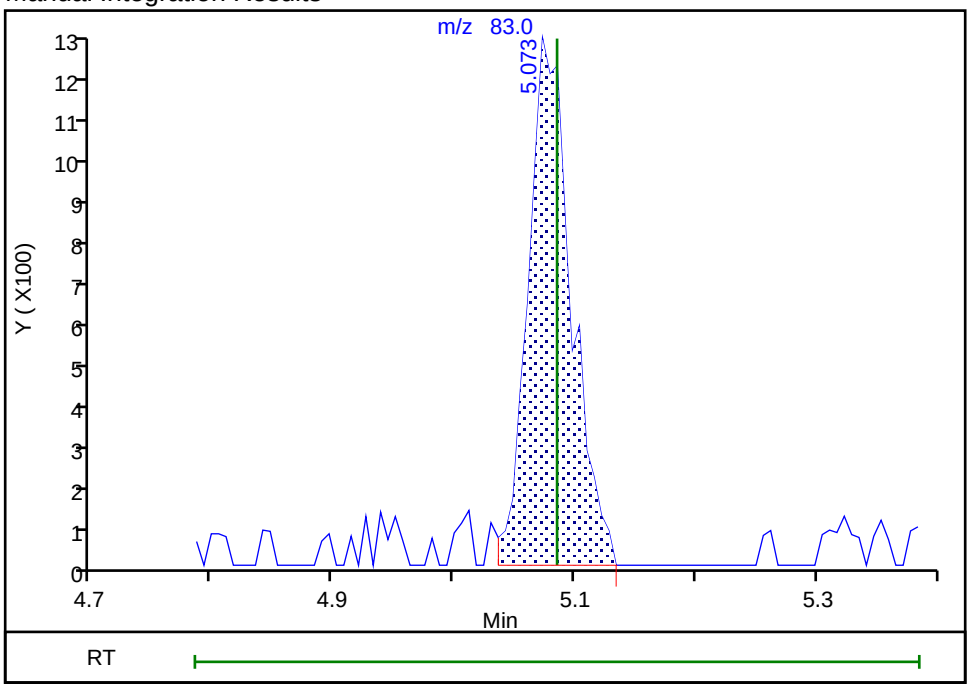
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.07
Area: 3206
Amount: 0.539813
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:33:59
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

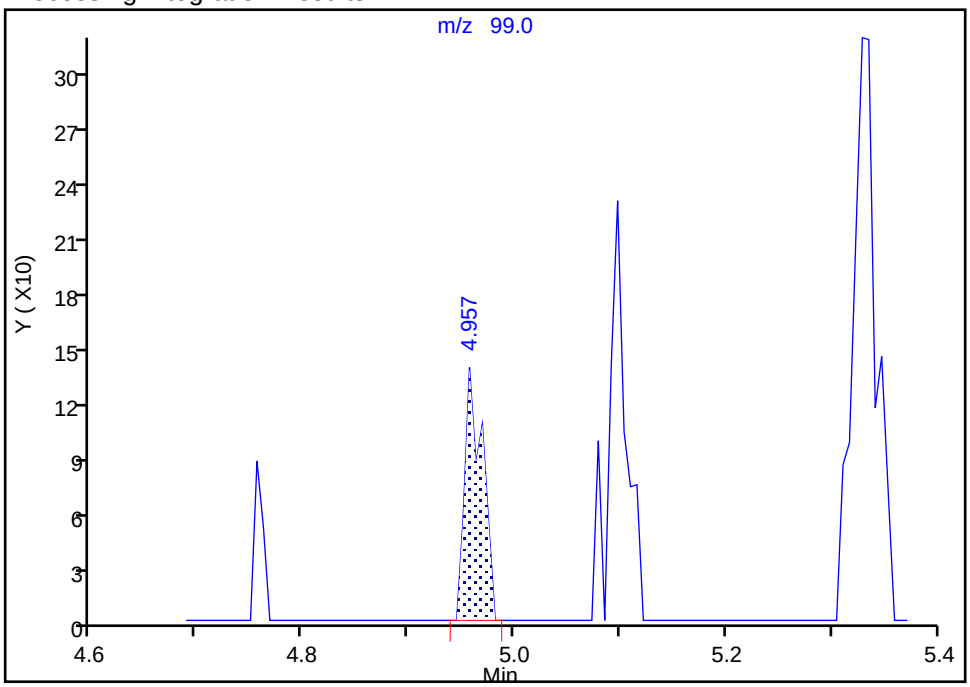
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

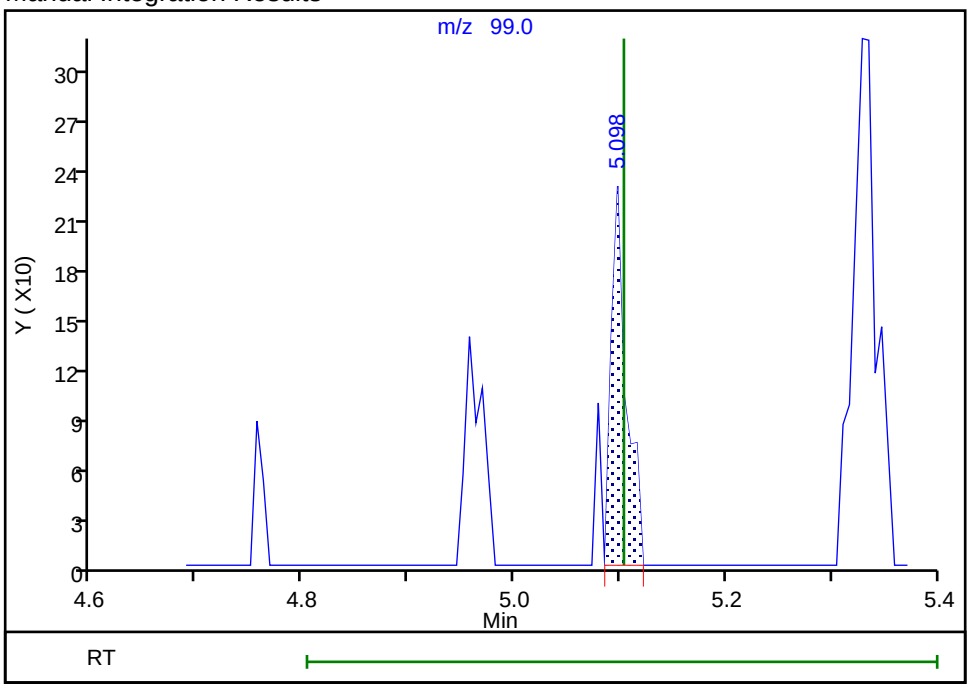
Processing Integration Results

RT: 4.96
Area: 160
Amount: 0.287622
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 226
Amount: 0.454178
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:21:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

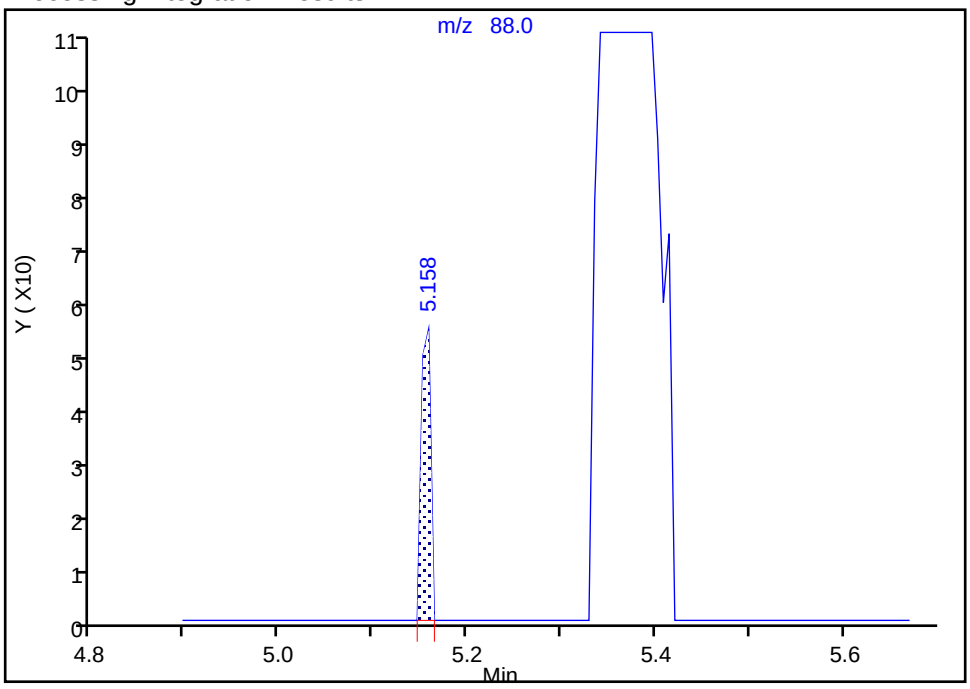
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

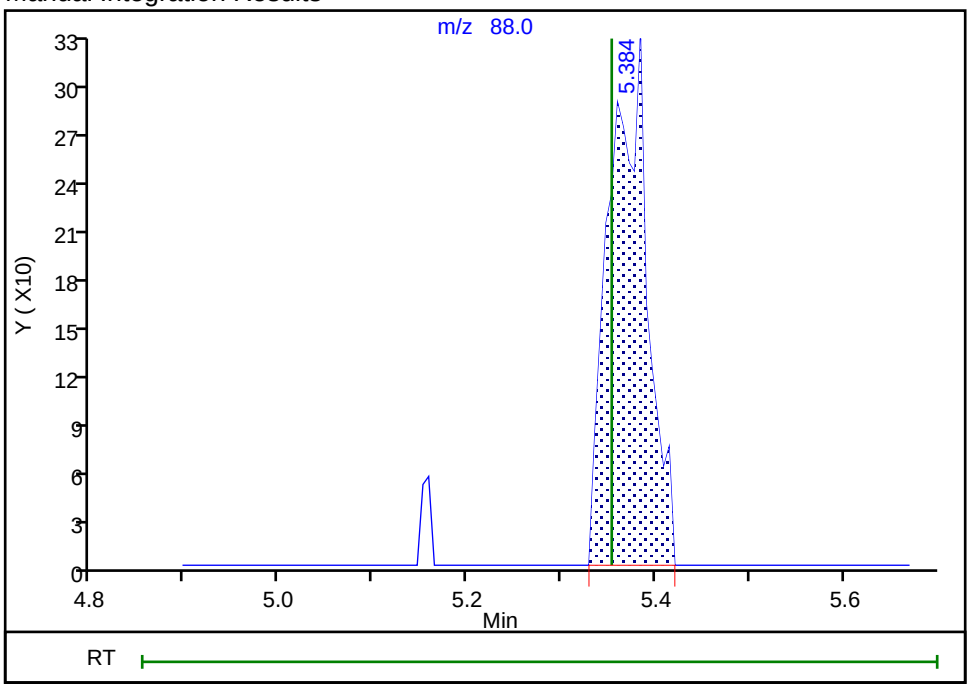
Processing Integration Results

RT: 5.16
Area: 38
Amount: 1.324720
Amount Units: ug/l



Manual Integration Results

RT: 5.38
Area: 932
Amount: 28.780835
Amount Units: ug/l



Reviewer: kluseys, 07-Aug-2020 07:33:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

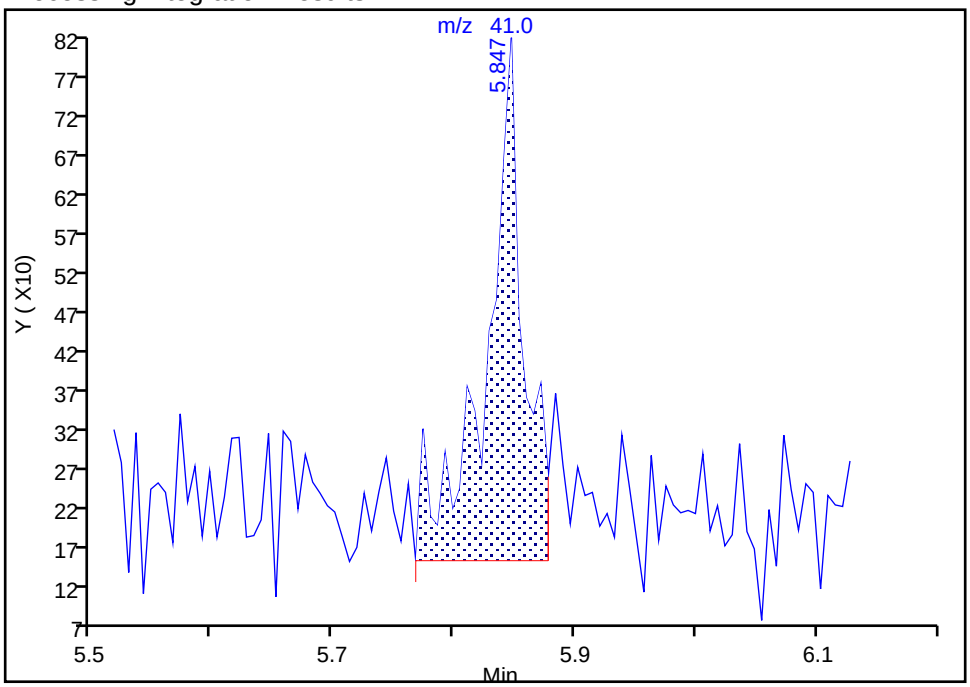
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

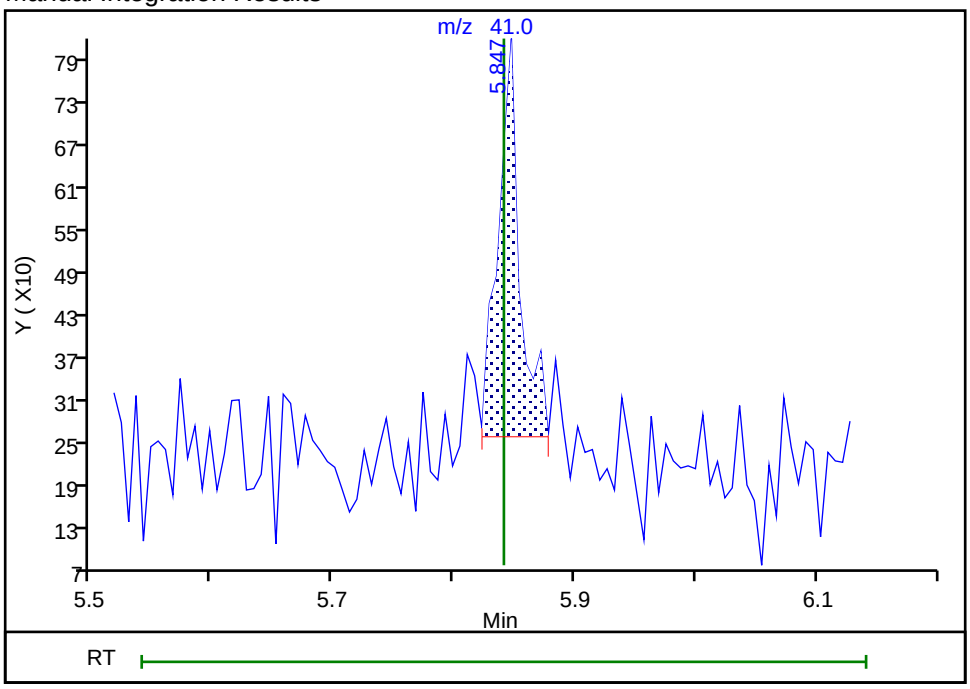
Processing Integration Results

RT: 5.85
Area: 1438
Amount: 1.934412
Amount Units: ug/l



Manual Integration Results

RT: 5.85
Area: 698
Amount: 0.939043
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:33:43
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

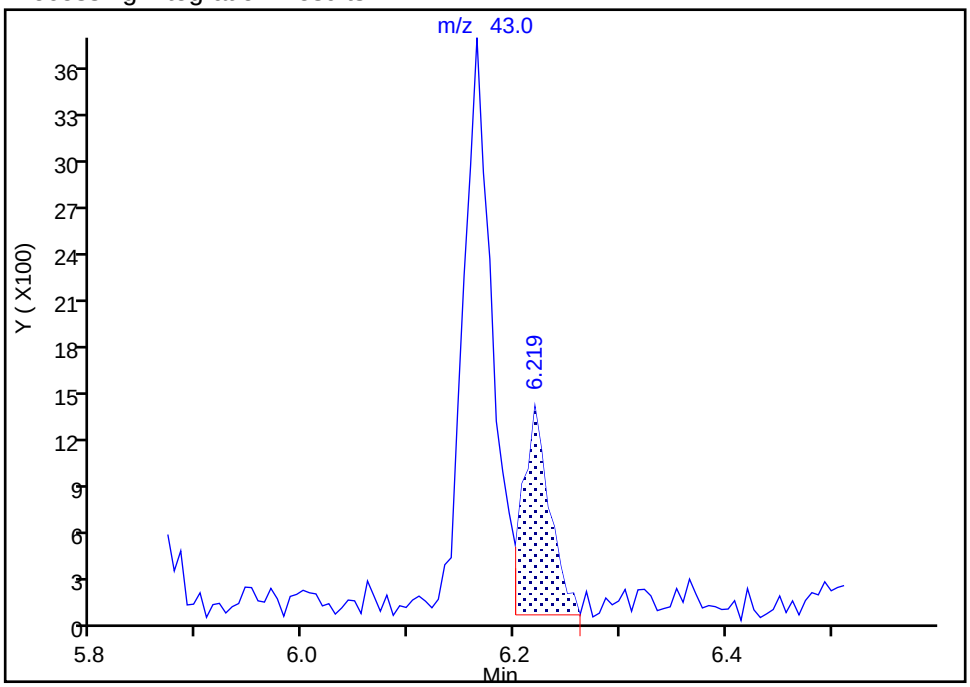
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

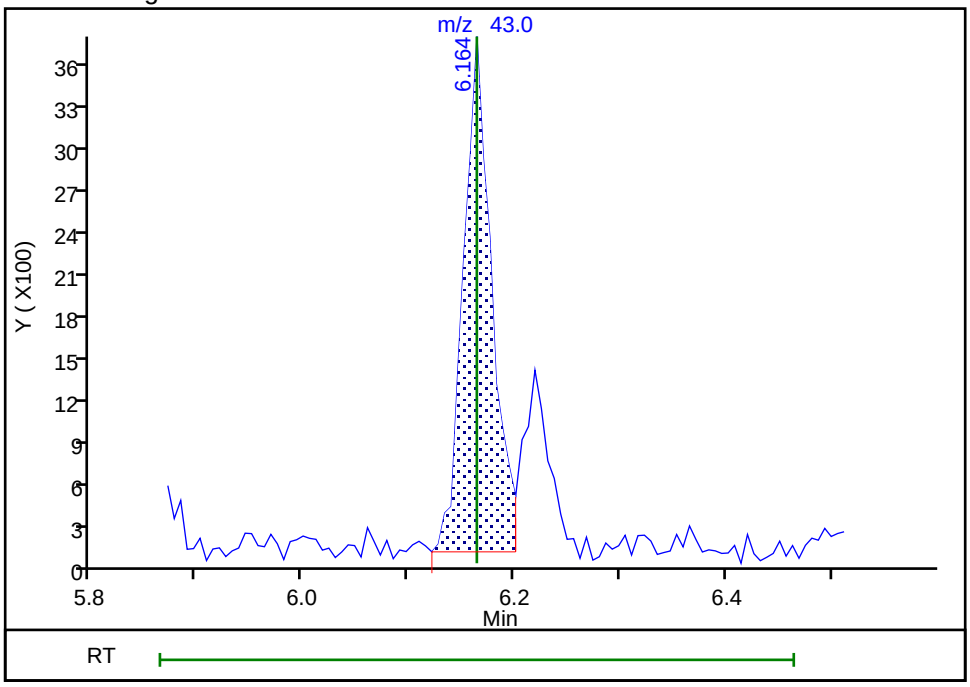
Processing Integration Results

RT: 6.22
Area: 2337
Amount: 0.876185
Amount Units: ug/l



Manual Integration Results

RT: 6.16
Area: 6745
Amount: 2.618503
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:36:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

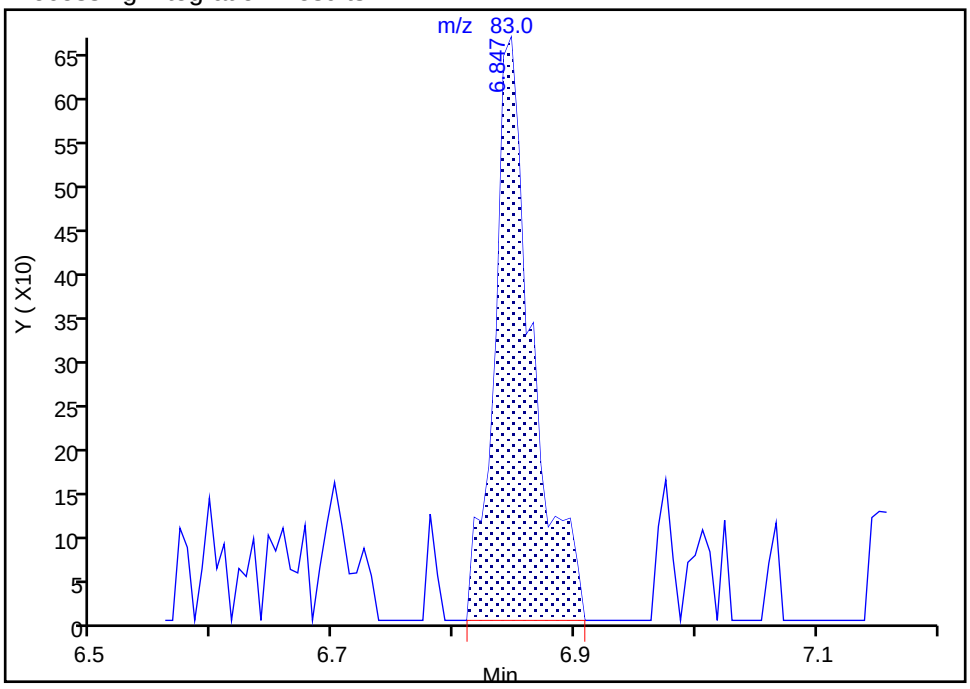
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

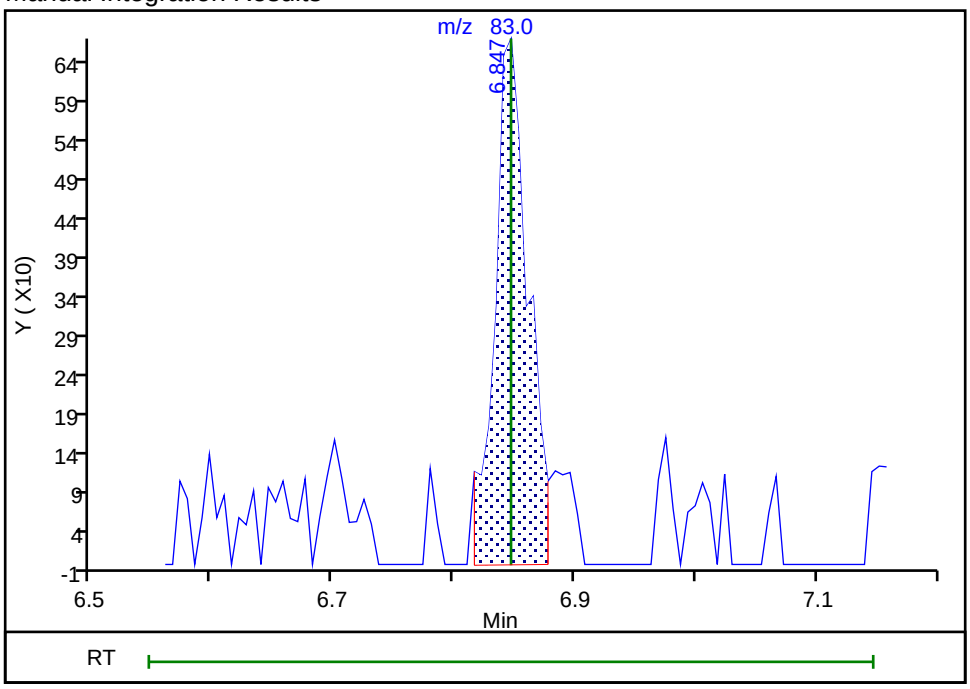
Processing Integration Results

RT: 6.85
Area: 1439
Amount: 0.737363
Amount Units: ug/l



Manual Integration Results

RT: 6.85
Area: 1290
Amount: 0.617713
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:39:30
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

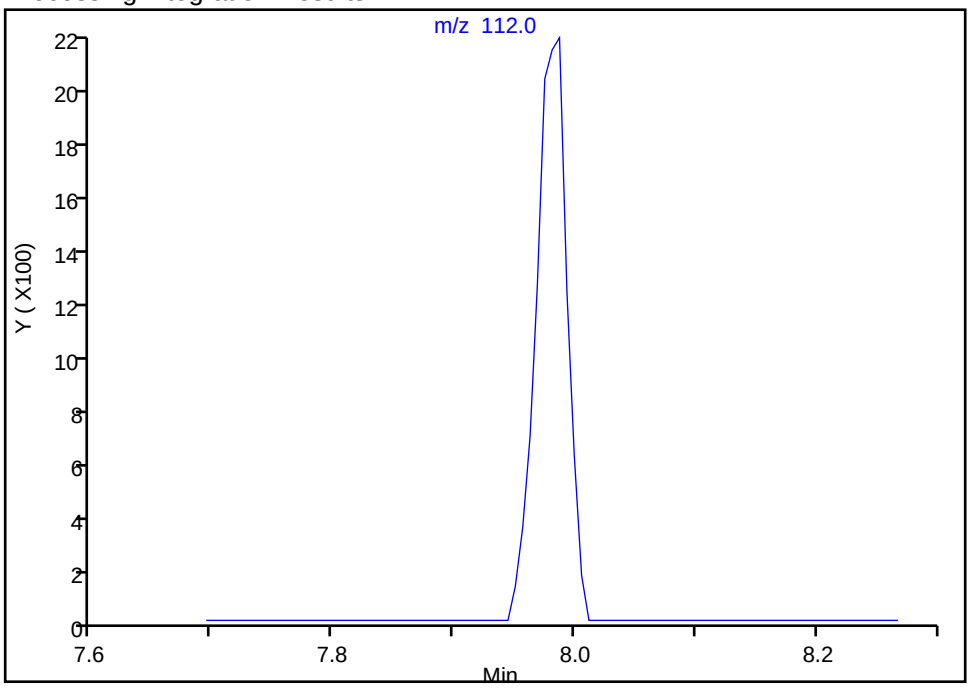
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Signal: 1

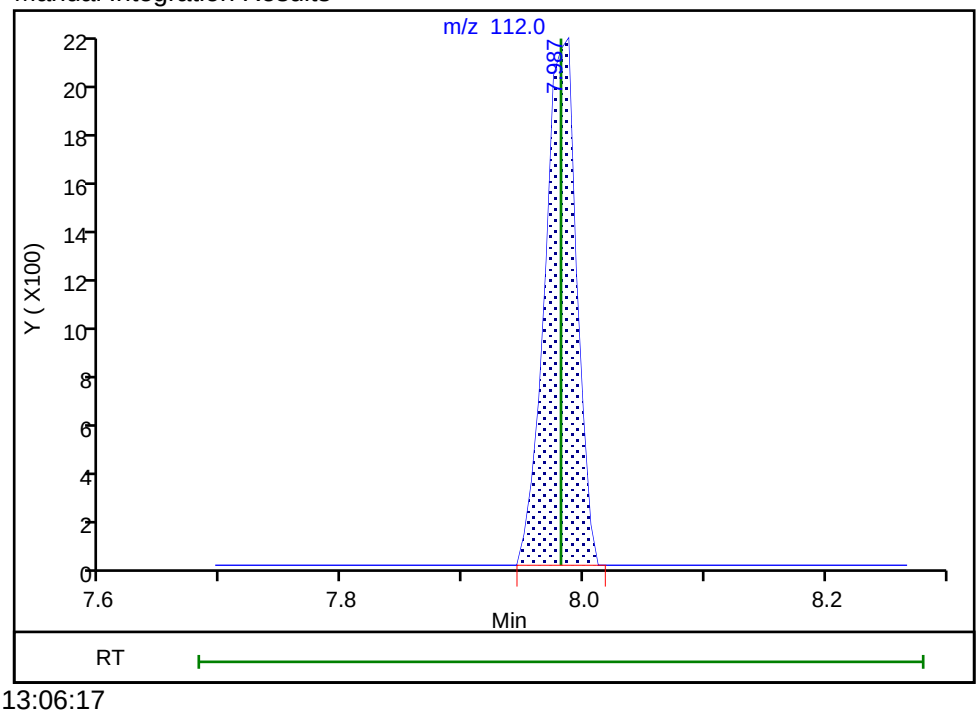
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.99
Area: 3882
Amount: 0.556385
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:06:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

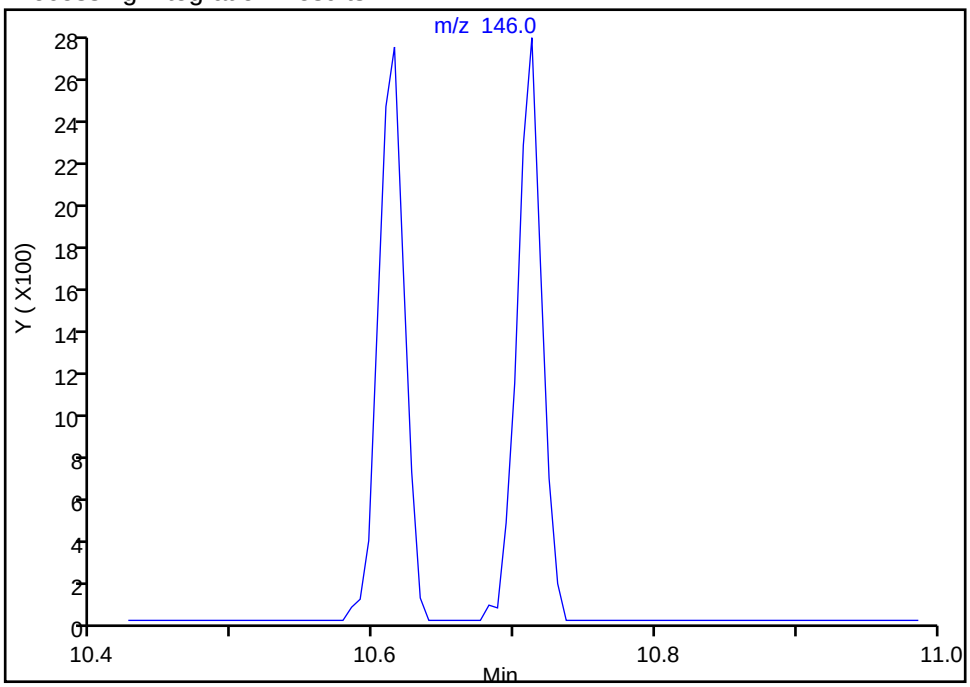
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127622.D
Injection Date: 06-Aug-2020 09:32:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

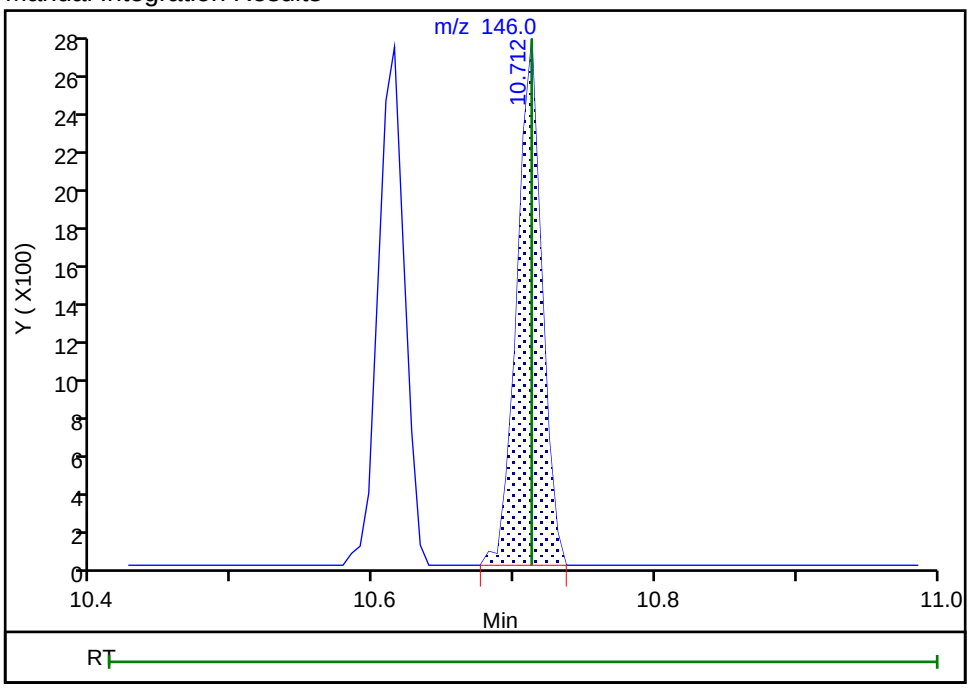
Not Detected
Expected RT: 10.71

Processing Integration Results



Manual Integration Results

RT: 10.71
Area: 3381
Amount: 0.541601
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:06:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 06-Aug-2020 09:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0114599-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:44:28 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 16:12:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.220	-0.012	0	136	1.00	0.99	M
2 1,1-Difluoroethane	51	1.293	1.293	0.000	87	3658	1.00	0.9301	M
3 Chlorotrifluoroethene	116	1.299	1.293	0.006	59	1123	1.00	0.7510	a
4 Dichlorodifluoromethane	85	1.318	1.318	0.000	68	4401	1.00	0.7733	a
5 Chlorodifluoromethane	51	1.336	1.336	0.000	89	5112	1.00	0.9659	
6 Chloromethane	50	1.452	1.458	-0.006	99	5701	1.00	1.02	
8 Butadiene	54	1.519	1.525	-0.006	91	5067	1.00	1.05	
7 Vinyl chloride	62	1.531	1.531	0.000	96	4990	1.00	0.9300	
9 Bromomethane	94	1.751	1.757	-0.006	91	3575	1.00	1.02	M
10 Chloroethane	64	1.799	1.805	-0.006	93	3275	1.00	1.16	M
11 Dichlorofluoromethane	67	1.952	1.958	-0.006	98	6193	1.00	0.9431	
13 Pentane	72	1.976	1.970	0.006	95	1315	2.00	1.96	
12 Trichlorofluoromethane	101	1.976	1.970	0.006	52	4835	1.00	0.8886	M
14 Ethanol	46	2.135	2.116	0.019	59	615	40.0	35.6	
15 Ethyl ether	74	2.129	2.128	0.001	92	1906	1.00	1.02	
16 2-Methyl-1,3-butadiene	53	2.147	2.147	0.000	94	3633	1.00	1.11	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.165	2.183	-0.018	69	2934	1.00	0.9299	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.220	2.232	-0.012	93	5318	1.00	1.01	
19 Acrolein	56	2.269	2.275	-0.006	81	1907	4.00	4.15	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.299	2.299	0.000	84	3556	1.00	1.02	
21 1,1-Dichloroethene	96	2.318	2.311	0.007	96	3833	1.00	1.06	M
22 Acetone	43	2.372	2.378	-0.006	87	5206	5.00	5.34	
23 Iodomethane	142	2.433	2.439	-0.006	95	6793	1.00	1.05	
25 Isopropyl alcohol	45	2.470	2.464	0.006	37	2926	10.0	12.7	
24 Carbon disulfide	76	2.470	2.476	-0.006	100	14444	1.00	1.04	
26 3-Chloro-1-propene	76	2.568	2.573	-0.005	91	2515	1.00	1.16	
27 Methyl acetate	43	2.592	2.586	0.006	76	4617	2.00	2.18	
28 Cyclopentene	67	2.586	2.592	-0.006	89	9003	1.00	1.05	
29 Acetonitrile	40	2.677	2.634	0.043	19	3737	10.0	15.4	a
* 31 TBA-d9 (IS)	66	2.683	2.683	0.000	100	48917	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.683	2.689	-0.006	31	4728	1.00	1.11	
32 2-Methyl-2-propanol	59	2.738	2.750	-0.012	92	4373	10.0	12.1	Ma
33 Methyl tert-butyl ether	73	2.824	2.830	-0.006	97	8826	1.00	1.06	M
34 trans-1,2-Dichloroethene	96	2.842	2.848	-0.006	94	3951	1.00	1.11	
35 Acrylonitrile	53	2.915	2.915	0.000	93	12195	10.0	10.0	
36 Hexane	57	2.976	2.982	-0.006	95	4867	1.00	1.07	
37 Isopropyl ether	45	3.177	3.177	0.000	91	10611	1.00	1.03	
38 1,1-Dichloroethane	63	3.195	3.195	0.000	99	6304	1.00	1.08	
39 Vinyl acetate	86	3.214	3.214	0.000	100	1334	2.00	2.13	
40 2-Chloro-1,3-butadiene	88	3.238	3.238	0.000	91	3072	1.00	1.08	
41 Tert-butyl ethyl ether	59	3.464	3.457	0.007	91	9706	1.00	1.05	
* 42 2-Butanone-d5	46	3.634	3.634	0.000	99	306327	250.0	250.0	
43 2,2-Dichloropropane	97	3.659	3.653	0.006	47	1489	1.00	1.15	a
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	93	4112	1.00	1.08	
45 2-Butanone (MEK)	72	3.683	3.683	0.000	96	1871	5.00	5.18	
46 Ethyl acetate	70	3.695	3.695	0.000	94	1283	2.00	4.05	
47 Methyl acrylate	55	3.744	3.738	0.006	97	3087	1.00	1.16	
48 Propionitrile	54	3.805	3.805	0.000	98	4678	10.0	10.1	
50 Tetrahydrofuran	72	3.878	3.872	0.006	37	808	2.00	2.11	
49 Chlorobromomethane	128	3.866	3.872	-0.006	77	1988	1.00	1.06	
51 Methacrylonitrile	67	3.897	3.896	0.000	93	13253	10.0	10.4	
52 Chloroform	83	3.921	3.921	0.000	99	5708	1.00	1.07	
53 Cyclohexane	84	4.037	4.037	0.000	55	5482	1.00	1.01	
54 1,1,1-Trichloroethane	97	4.049	4.049	0.000	35	5388	1.00	1.08	
$ 55 Dibromofluoromethane (Surr)	113	4.061	4.067	-0.006	97	143181	50.0	50.3	
56 Carbon tetrachloride	117	4.153	4.159	-0.006	93	4560	1.00	1.08	
57 1,1-Dichloropropene	75	4.189	4.189	0.000	94	4387	1.00	1.05	
58 Isobutyl alcohol	43	4.342	4.329	0.013	86	6864	25.0	27.2	
59 Isooctane	57	4.348	4.348	0.000	100	12867	1.00	0.9865	a
60 Benzene	78	4.366	4.366	0.000	95	13481	1.00	1.17	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	97	153296	50.0	49.5	
62 Tert-amyl methyl ether	73	4.445	4.445	0.000	77	10478	1.00	1.02	
63 Isopropyl acetate	61	4.451	4.451	0.000	95	1697	1.00	1.05	
64 1,2-Dichloroethane	62	4.451	4.457	-0.006	95	4492	1.00	1.14	
65 n-Heptane	100	4.524	4.524	0.000	94	958	1.00	1.10	
* 66 Fluorobenzene	96	4.640	4.640	0.000	99	558404	50.0	50.0	
67 n-Butanol	56	4.957	4.951	0.006	74	2369	25.0	24.8	
68 Trichloroethene	95	4.963	4.969	-0.006	98	3294	1.00	1.02	
69 Methylcyclohexane	83	5.085	5.085	0.000	96	6544	1.00	1.03	
70 Ethyl acrylate	99	5.110	5.103	0.007	81	390	1.00	0.7353	a
71 1,2-Dichloropropane	63	5.244	5.244	0.000	86	2822	1.00	0.9184	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	88	28986	1000.0	1000.0	
73 Methyl methacrylate	100	5.341	5.335	0.006	82	1408	2.00	1.80	
75 1,4-Dioxane	88	5.366	5.353	0.013	56	1624	50.0	48.9	
74 Dibromomethane	93	5.360	5.360	0.000	94	2089	1.00	1.07	
76 n-Propyl acetate	43	5.396	5.396	0.000	96	3774	1.00	0.9889	
77 Dichlorobromomethane	83	5.506	5.512	-0.006	96	4333	1.00	1.05	
78 2-Nitropropane	41	5.841	5.841	0.000	84	2515	2.00	3.17	
79 2-Chloroethyl vinyl ether	63	5.853	5.847	0.006	72	1858	1.00	0.9615	
80 Epichlorohydrin	57	5.945	5.945	0.000	98	5615	20.0	18.9	
81 cis-1,3-Dichloropropene	75	5.988	5.994	-0.006	93	4996	1.00	1.10	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	96	13912	5.00	5.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.225	0.000	99	507050	50.0	52.2	
84 Toluene	91	6.298	6.298	0.000	94	12942	1.00	1.10	
85 trans-1,3-Dichloropropene	75	6.652	6.646	0.006	87	4767	1.00	1.12	
86 Ethyl methacrylate	69	6.695	6.695	0.000	88	4040	1.00	1.14	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	93	2743	1.00	1.24	
88 Tetrachloroethene	166	6.884	6.878	0.006	96	3284	1.00	1.11	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	89	4395	1.00	1.09	
90 2-Hexanone	43	7.134	7.134	0.000	96	8561	5.00	4.93	
91 n-Butyl acetate	43	7.256	7.255	0.001	96	3902	1.00	0.9840	
92 Chlorodibromomethane	129	7.268	7.268	0.000	91	2788	1.00	1.05	
93 Ethylene Dibromide	107	7.408	7.408	0.000	96	2534	1.00	1.02	
* 94 Chlorobenzene-d5	117	7.945	7.950	-0.006	86	380022	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	96	7528	1.00	1.02	
96 Ethylbenzene	106	8.097	8.097	0.000	98	4562	1.00	1.11	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	42	3239	1.00	1.12	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	96	5409	1.00	1.08	
99 o-Xylene	106	8.768	8.767	0.001	94	5470	1.00	1.05	
100 n-Butyl acrylate	73	8.792	8.792	0.000	96	2595	1.00	1.17	
101 Styrene	104	8.810	8.804	0.006	94	8591	1.00	1.06	
102 Bromoform	173	9.054	9.060	-0.006	91	1710	1.00	0.9869	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	89	5477	1.00	1.07	
104 Isopropylbenzene	105	9.237	9.237	0.000	96	14700	1.00	1.06	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	152823	50.0	51.6	
106 Bromobenzene	156	9.615	9.615	0.000	98	3650	1.00	1.03	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	95	3594	1.00	0.9594	
108 N-Propylbenzene	91	9.725	9.725	0.001	99	17349	1.00	1.00	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	96	1027	1.00	1.01	
110 trans-1,4-Dichloro-2-butene	53	9.780	9.785	-0.005	53	598	1.00	0.8002	
111 2-Chlorotoluene	91	9.834	9.834	0.000	97	10818	1.00	0.9496	
112 4-Ethyltoluene	105	9.859	9.865	-0.006	98	15008	1.00	1.07	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	91	11788	1.00	0.9396	
114 4-Chlorotoluene	91	9.969	9.968	0.000	97	11362	1.00	1.04	
115 Butyl Methacrylate	87	10.084	10.084	0.000	88	4368	1.00	1.03	
116 tert-Butylbenzene	119	10.261	10.261	0.000	96	10142	1.00	0.9729	
117 1,2,4-Trimethylbenzene	105	10.328	10.334	-0.006	97	12735	1.00	1.00	
118 sec-Butylbenzene	105	10.487	10.487	0.000	98	16036	1.00	0.9609	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	93	6809	1.00	1.00	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	98	13840	1.00	0.99	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	95	215386	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	90	7012	1.00	1.05	
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	99	13517	1.00	1.02	
124 Benzyl chloride	91	10.859	10.865	-0.006	98	8081	1.00	1.06	
125 2,3-Dihydroindene	117	10.920	10.919	0.001	95	12721	1.00	0.99	
126 p-Diethylbenzene	119	10.999	10.999	0.000	92	7675	1.00	1.01	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	7759	1.00	1.05	
128 1,2-Dichlorobenzene	146	11.054	11.054	0.000	95	7136	1.00	1.04	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	98	14206	1.00	0.9408	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	90	815	1.00	0.8982	
131 1,3,5-Trichlorobenzene	180	11.883	11.877	0.006	97	6819	1.00	1.04	
132 1,2,4-Trichlorobenzene	180	12.383	12.389	-0.006	93	6448	1.00	1.02	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	90	2385	1.00	0.9149	
134 Naphthalene	128	12.578	12.578	0.000	99	14766	1.00	0.9724	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	93	5705	1.00	0.9483	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.19	
S 137 Xylenes, Total	100				0		2.00	2.13	
S 140 Total BTEX	1				0		5.00	5.51	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.22	
S 138 Total 1,2-dichloroethene	1				0			2.19	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00380	Amount Added:	10.00	Units: uL	
14DIOXINTER_00117	Amount Added:	30.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	10.00	Units: uL	
524freon_00025	Amount Added:	10.00	Units: uL	
ACROLEIN W_00110	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:44:32 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D

Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17

Lims ID: STD1

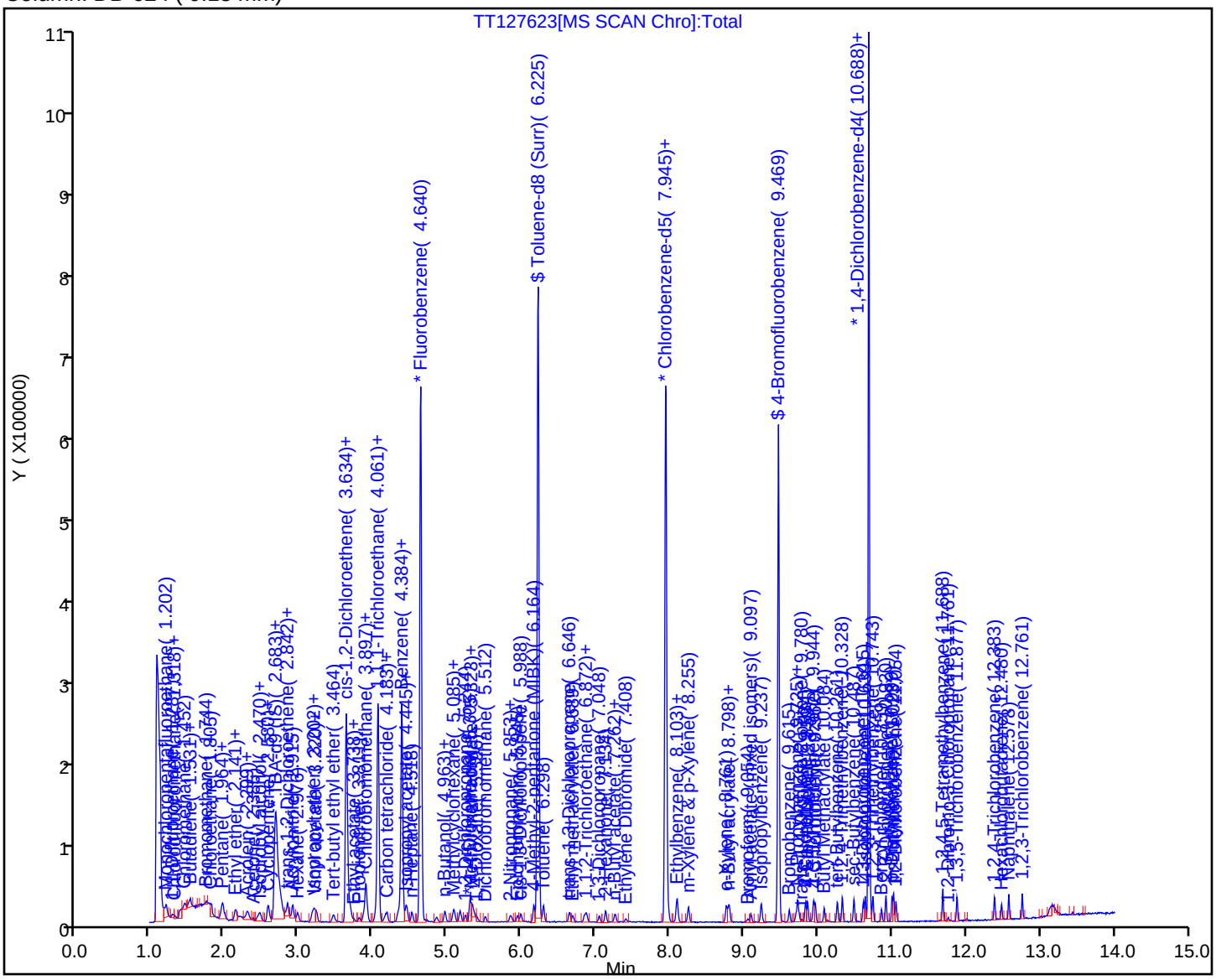
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

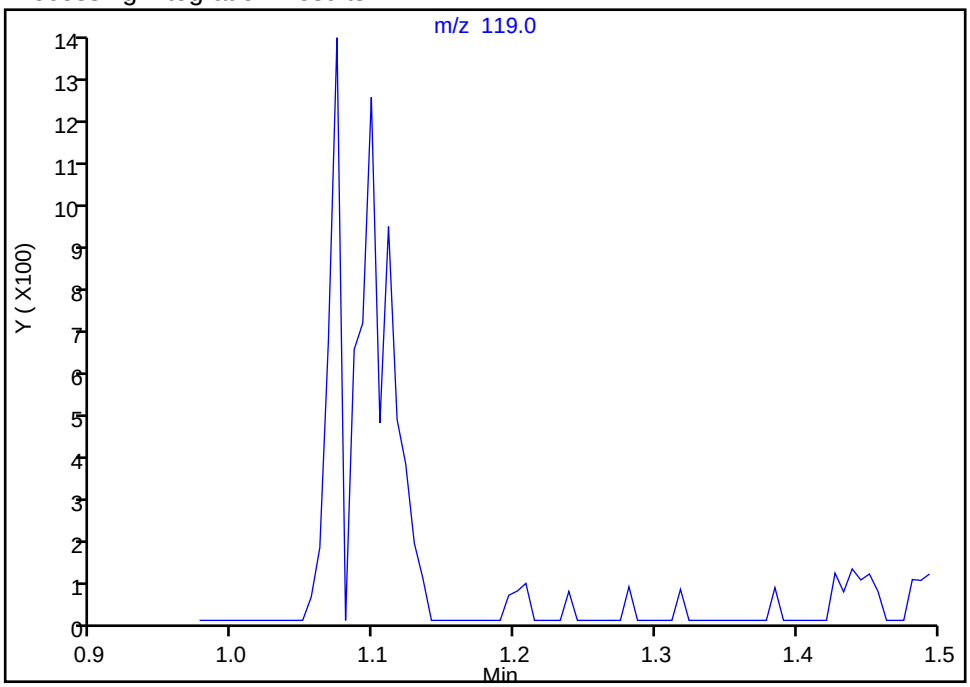
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

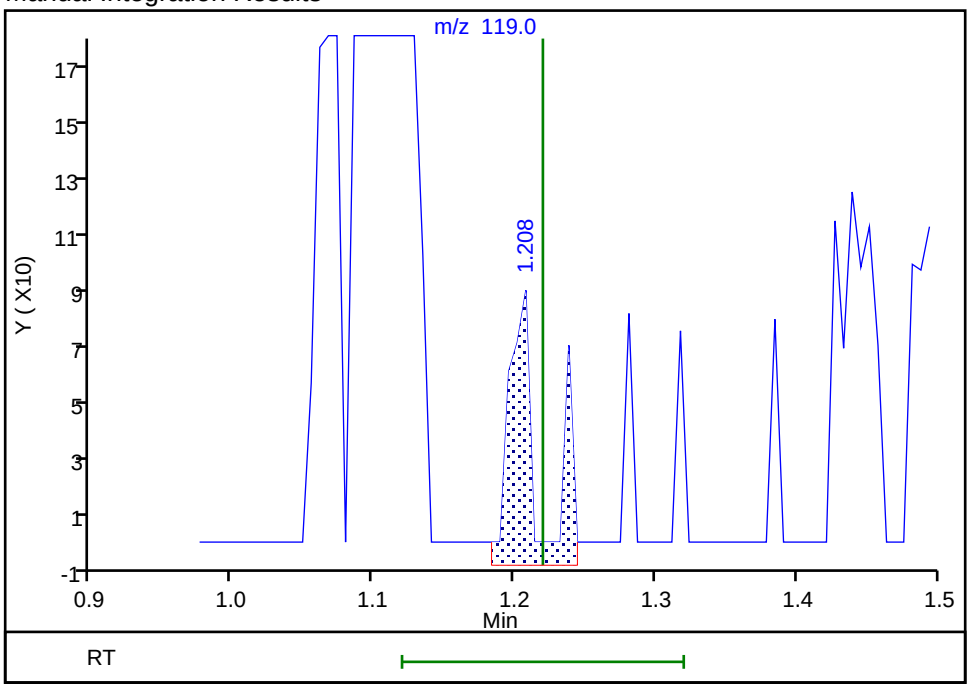
Not Detected
Expected RT: 1.22

Processing Integration Results



Manual Integration Results

RT: 1.21
Area: 136
Amount: 0.993058
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:54:40
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

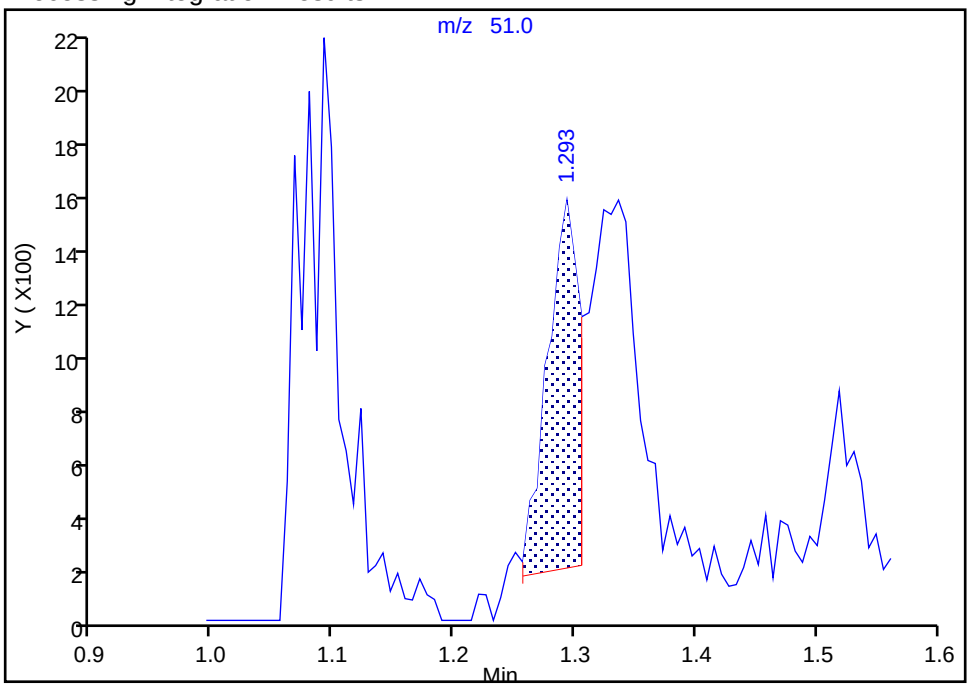
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

2 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

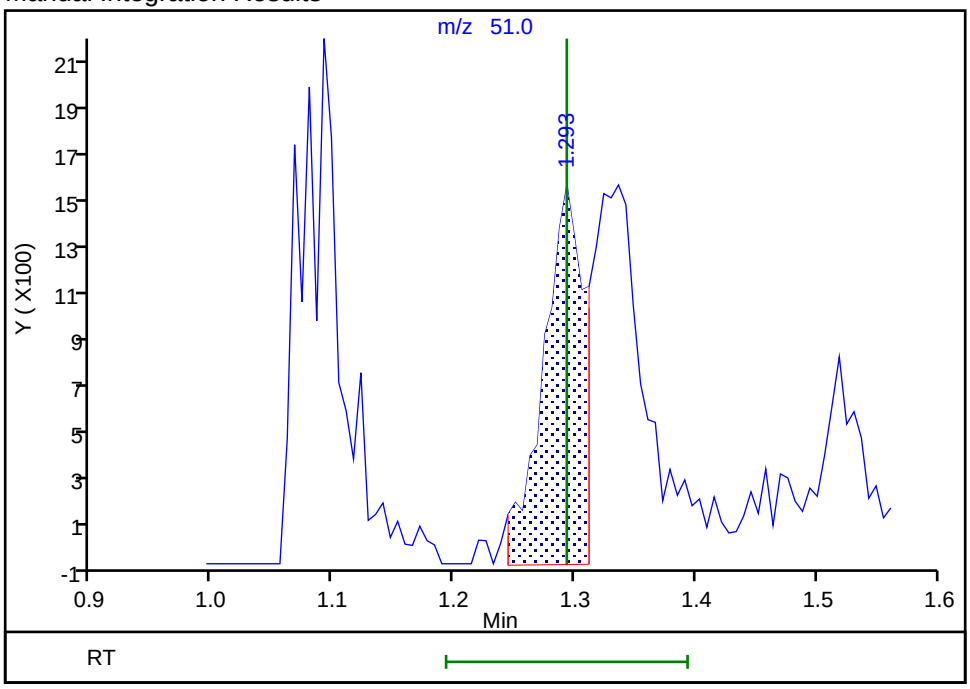
Processing Integration Results

RT: 1.29
Area: 2474
Amount: 0.695562
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 3658
Amount: 0.930063
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:53:20
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

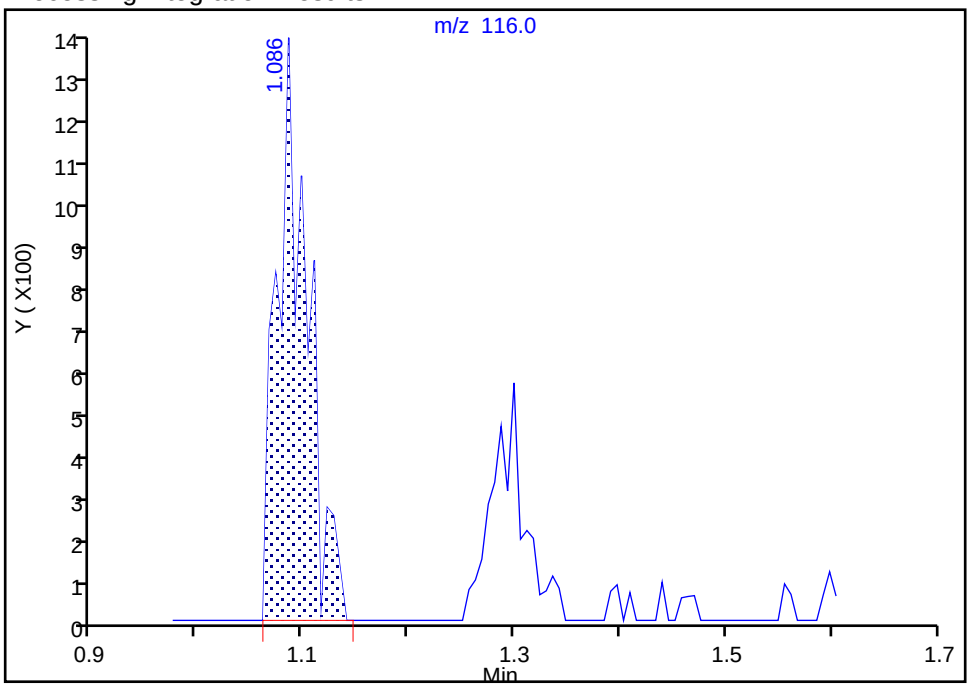
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

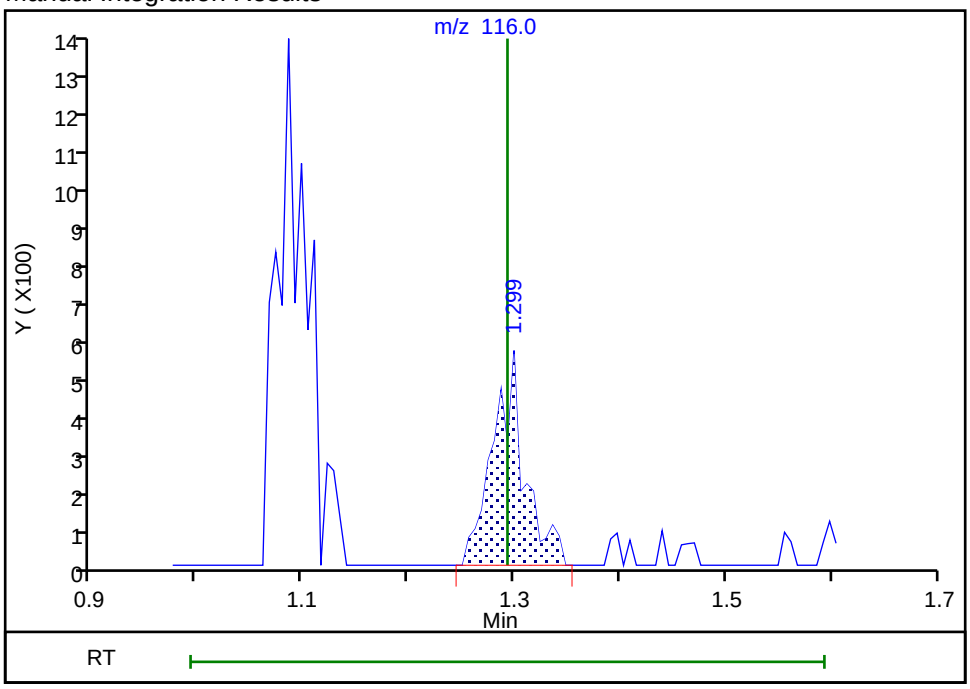
Processing Integration Results

RT: 1.09
Area: 2638
Amount: 1.424819
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 1123
Amount: 0.751048
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:42:29
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

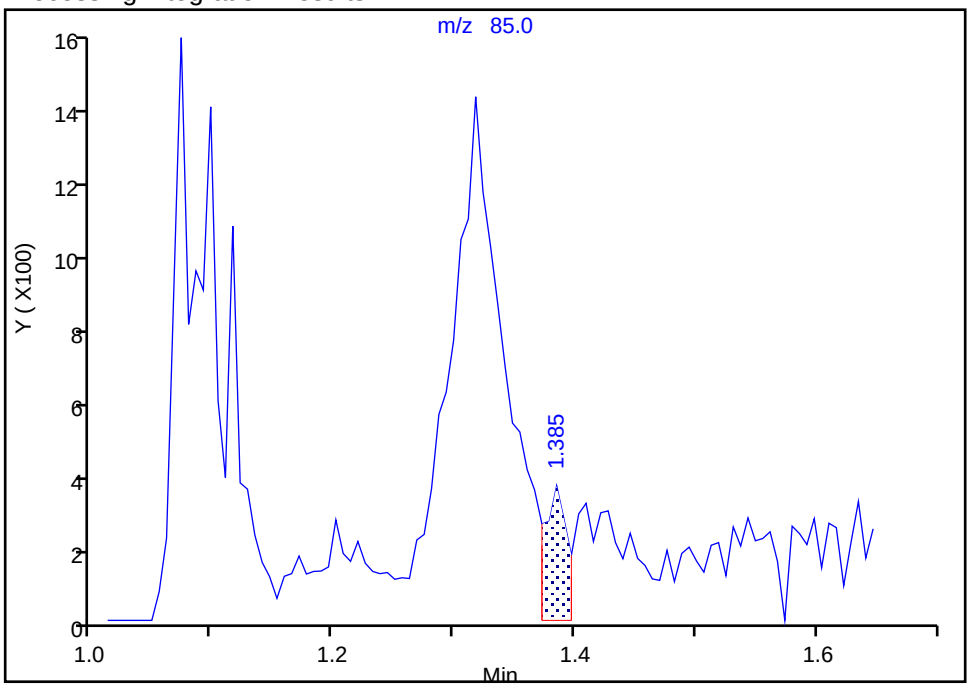
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

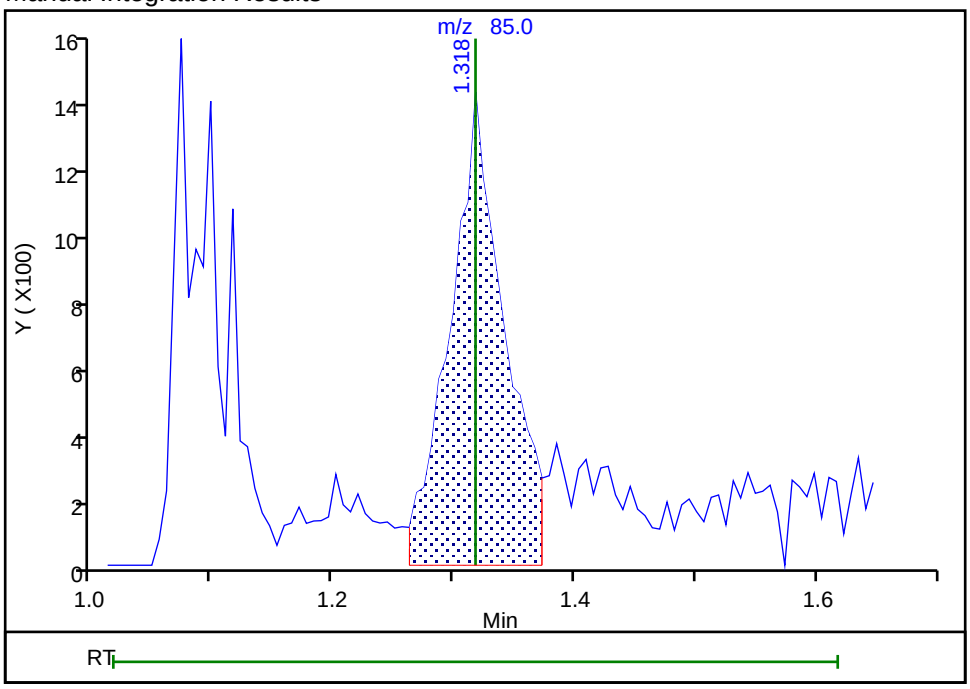
Processing Integration Results

RT: 1.38
Area: 485
Amount: 0.094507
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 4401
Amount: 0.773282
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:11:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

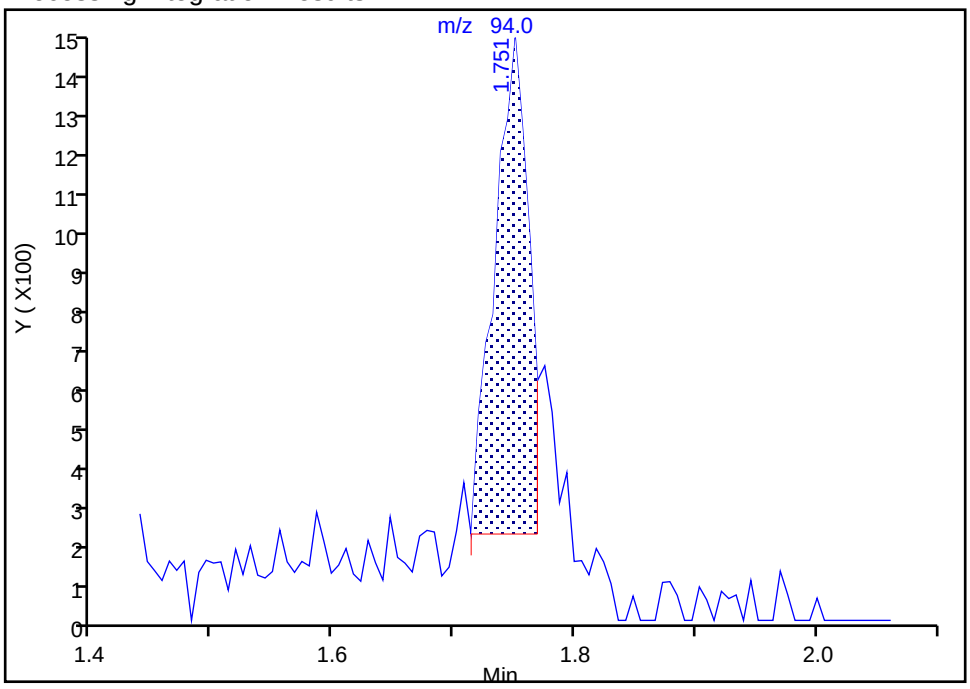
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

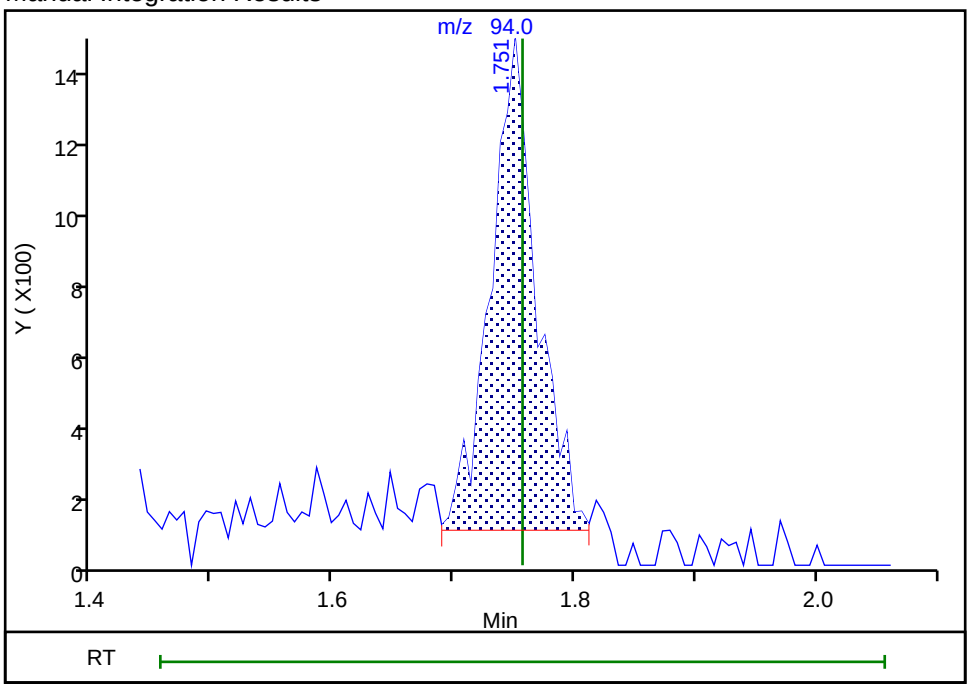
Processing Integration Results

RT: 1.75
Area: 2426
Amount: 0.674125
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 3575
Amount: 1.023769
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:12:48
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

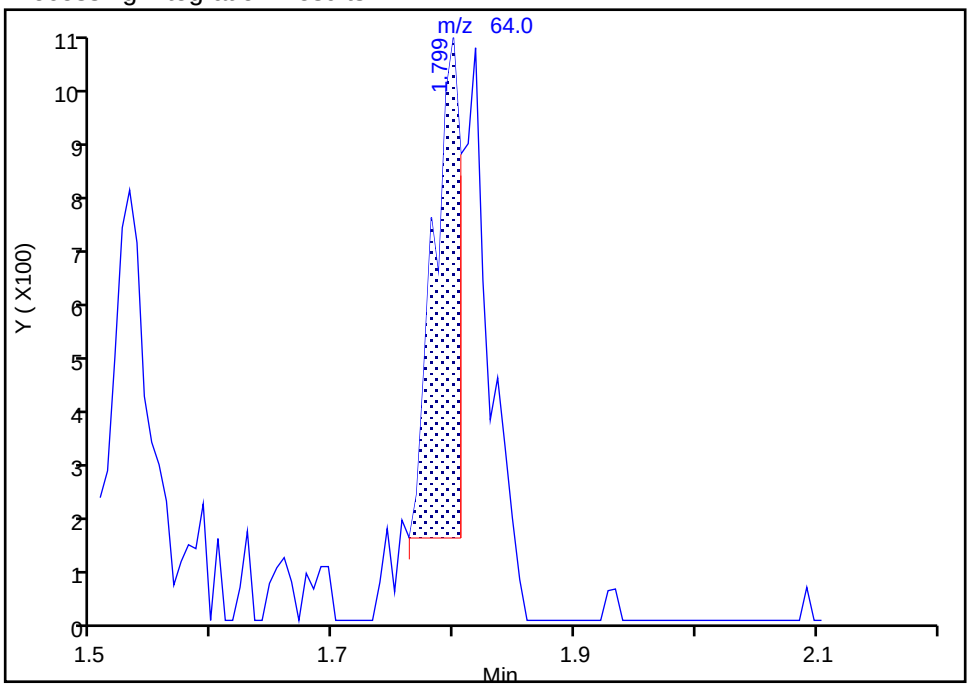
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Signal: 1

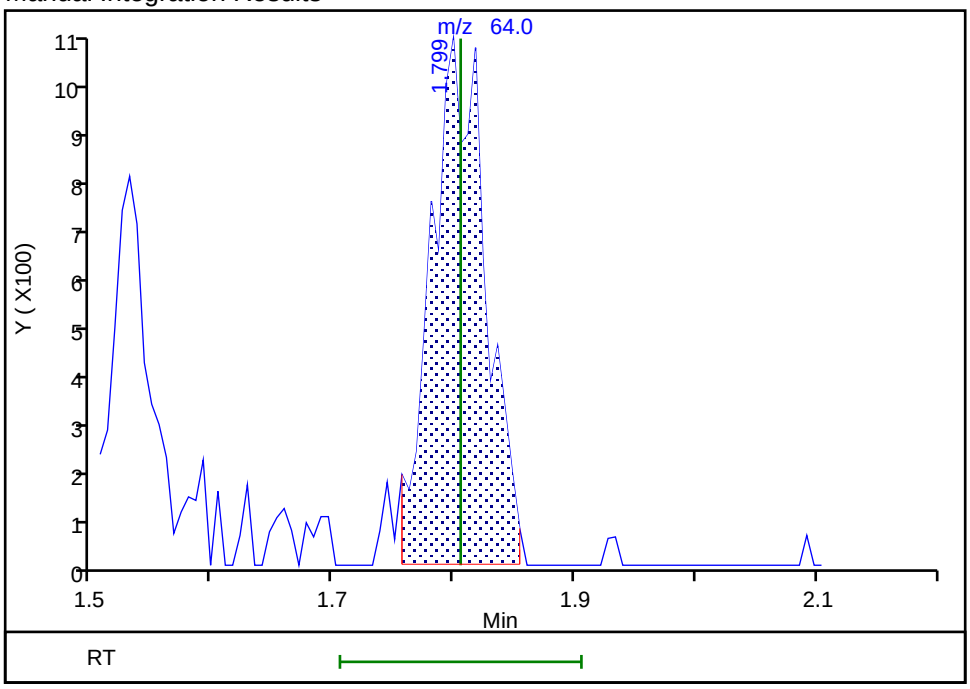
Processing Integration Results

RT: 1.80
Area: 1388
Amount: 0.545320
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 3275
Amount: 1.163465
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:41:10
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

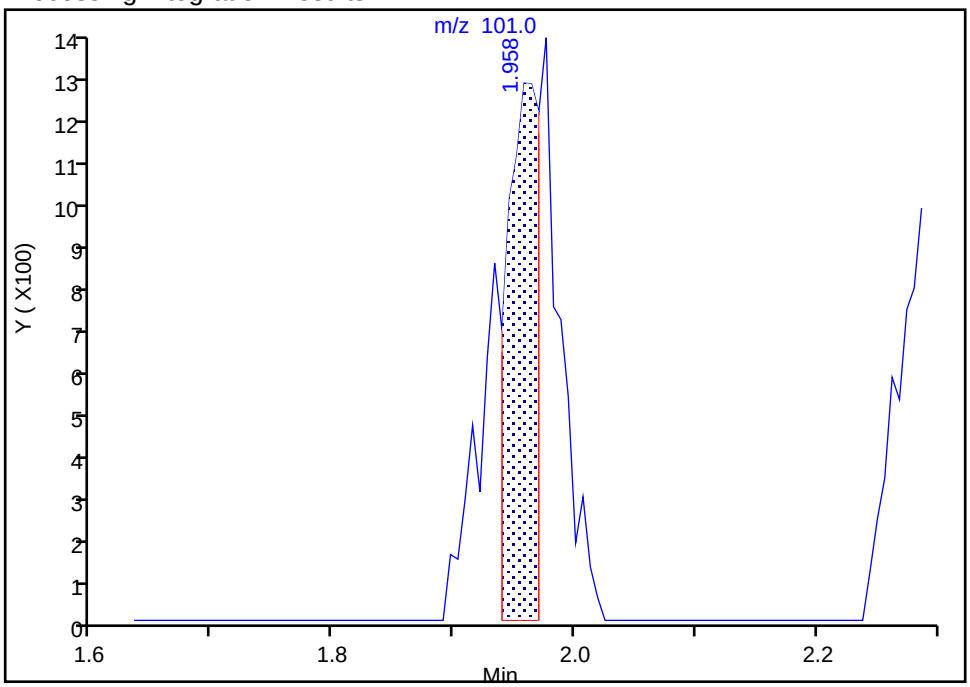
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

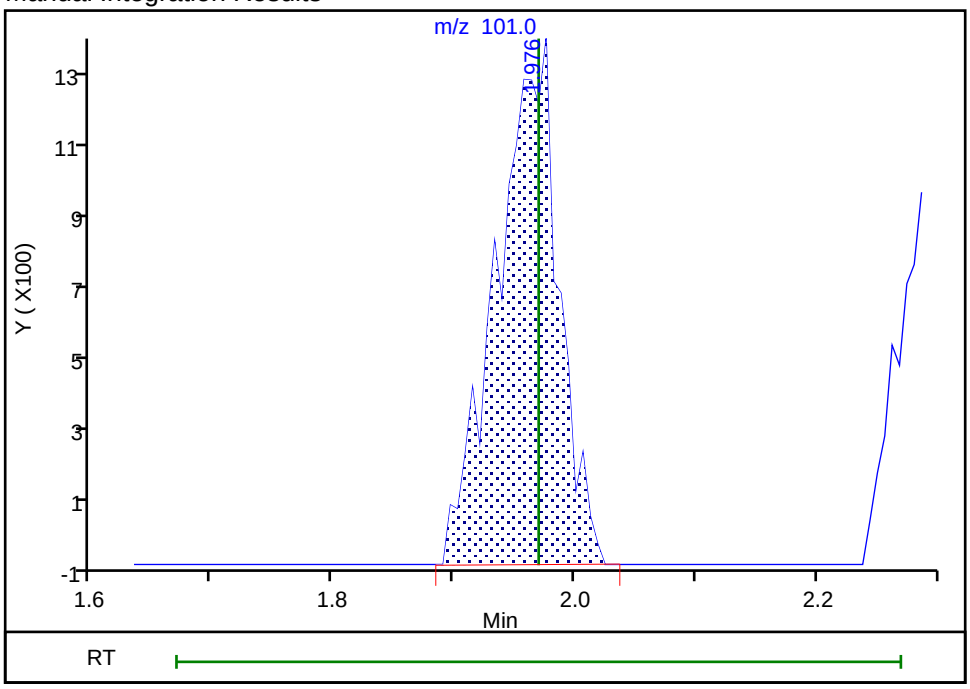
Processing Integration Results

RT: 1.96
Area: 2359
Amount: 0.463683
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 4835
Amount: 0.888584
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:13:31
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

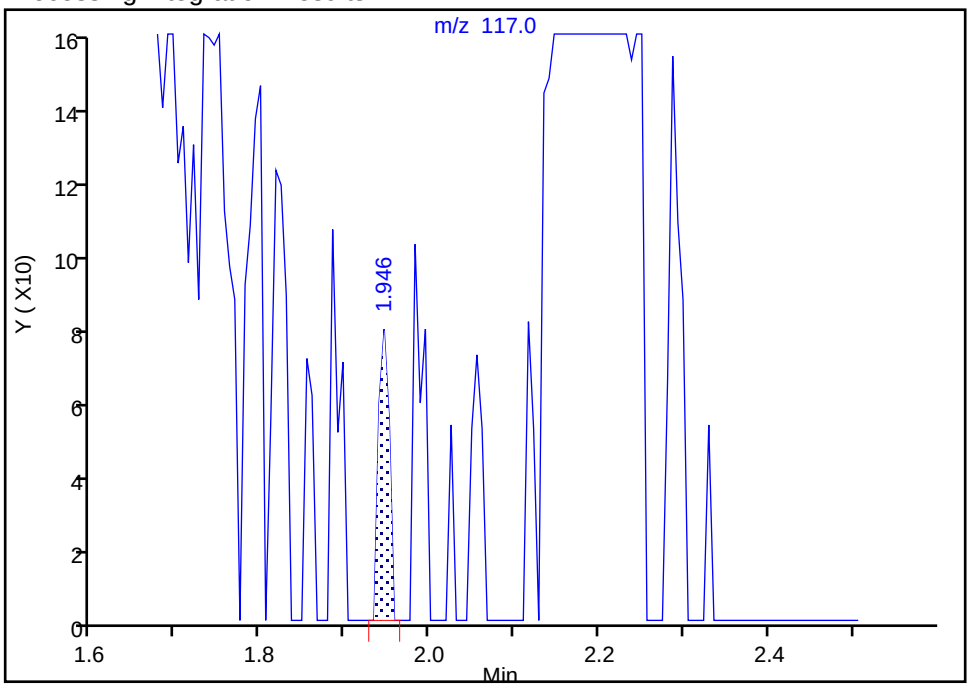
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

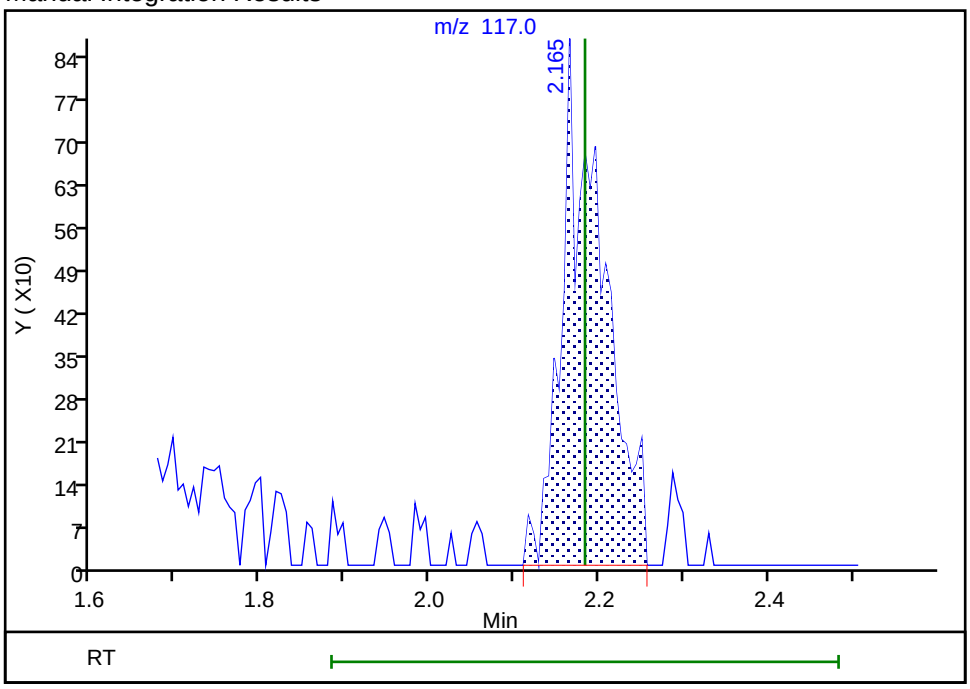
Processing Integration Results

RT: 1.95
Area: 70
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 2934
Amount: 0.929945
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:13:43
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

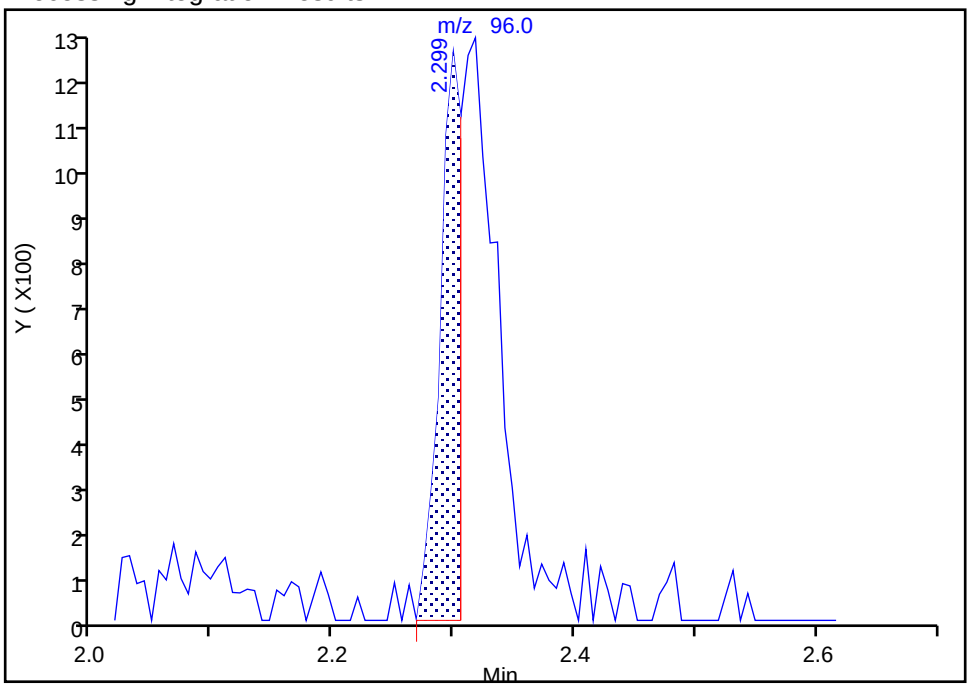
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

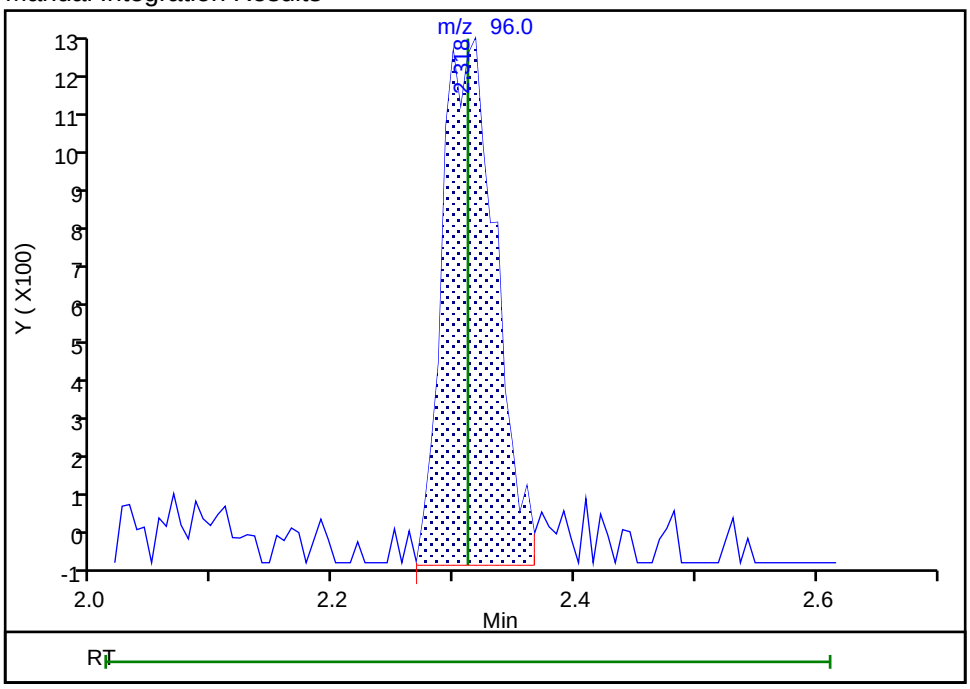
Processing Integration Results

RT: 2.30
Area: 1544
Amount: 0.471796
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 3833
Amount: 1.064839
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:13:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

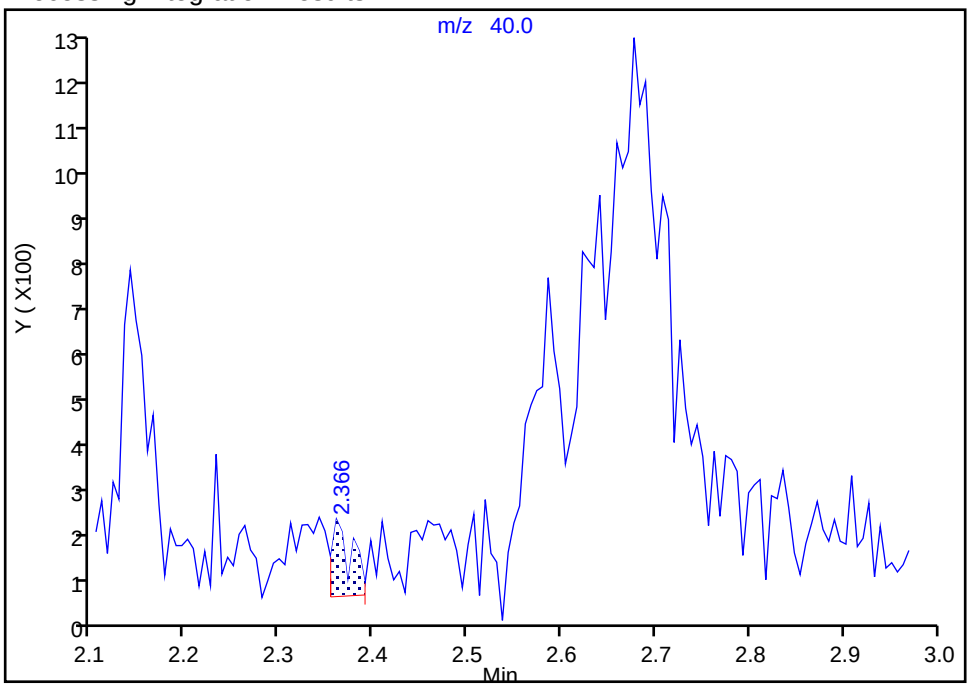
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

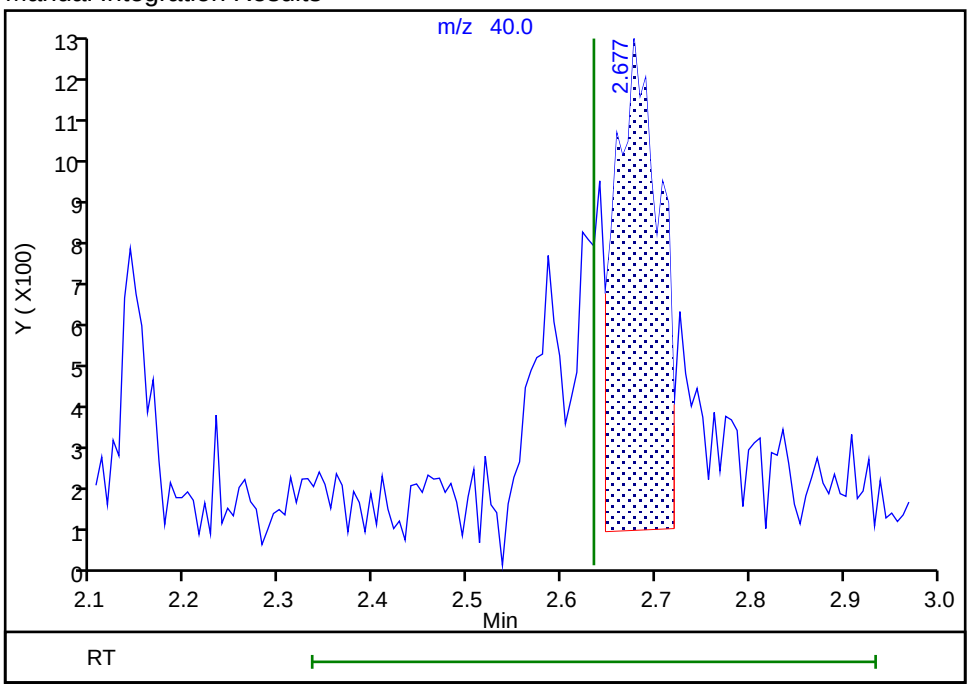
Processing Integration Results

RT: 2.37
Area: 229
Amount: 1.661006
Amount Units: ug/l



Manual Integration Results

RT: 2.68
Area: 3737
Amount: 15.434016
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:14:10
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

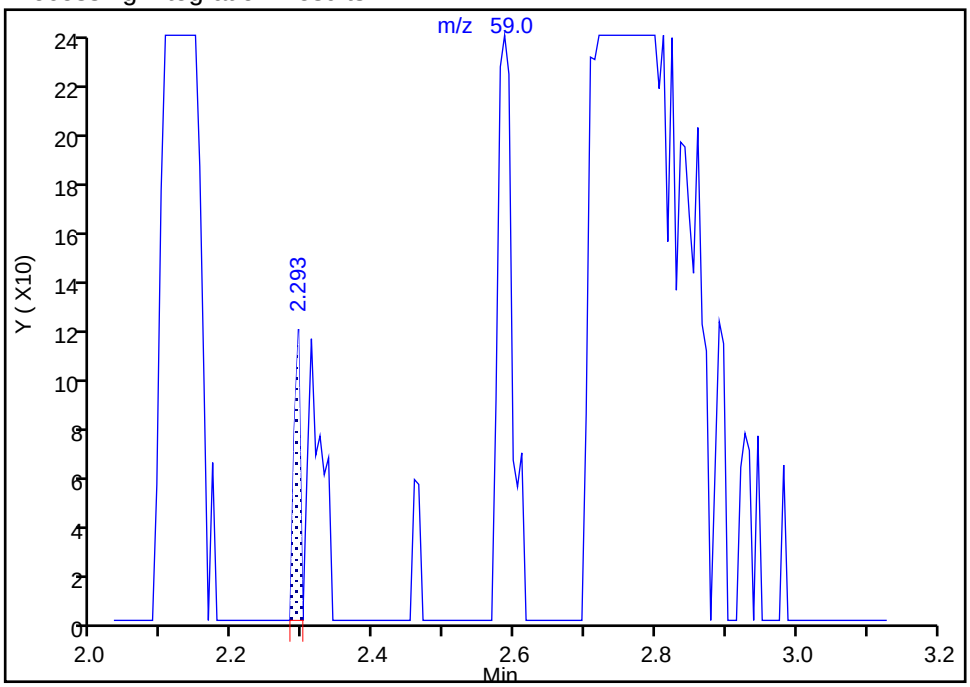
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

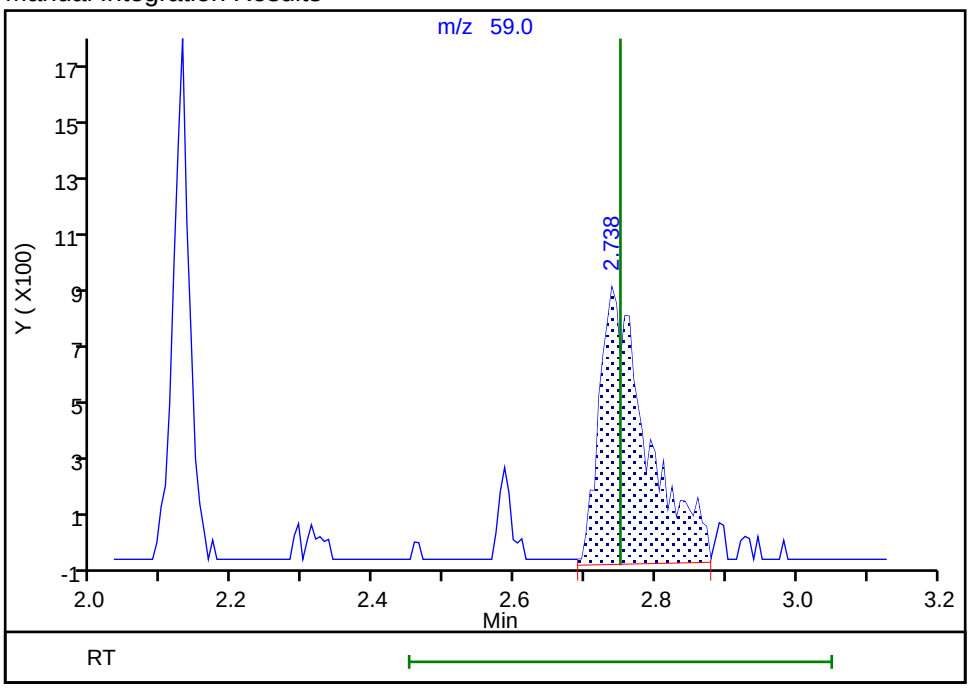
Processing Integration Results

RT: 2.29
Area: 73
Amount: 0.416101
Amount Units: ug/l



Manual Integration Results

RT: 2.74
Area: 4373
Amount: 12.104795
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:14:33
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

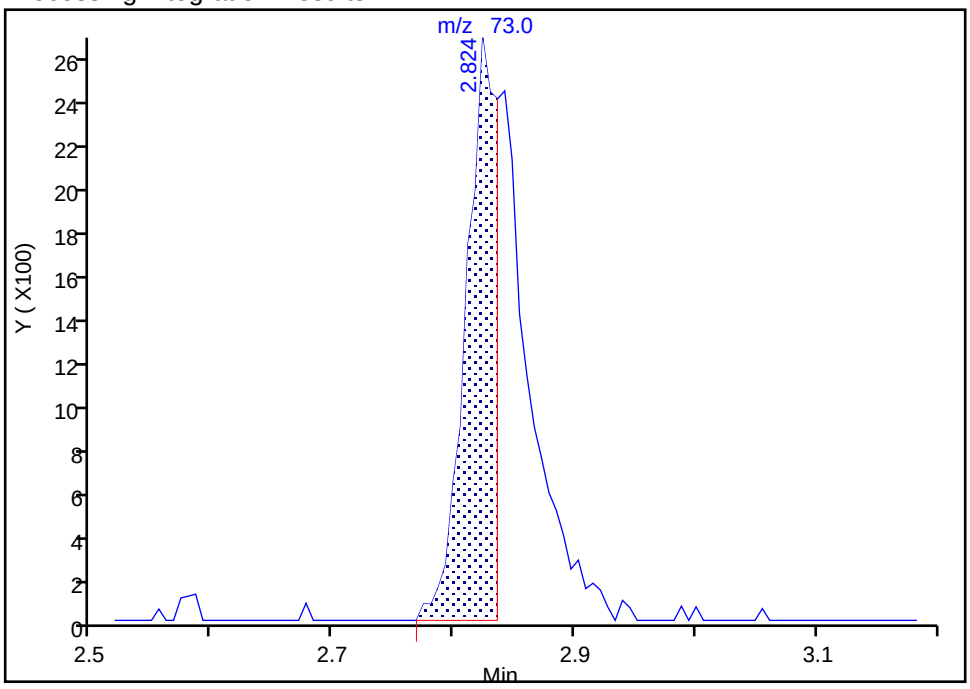
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

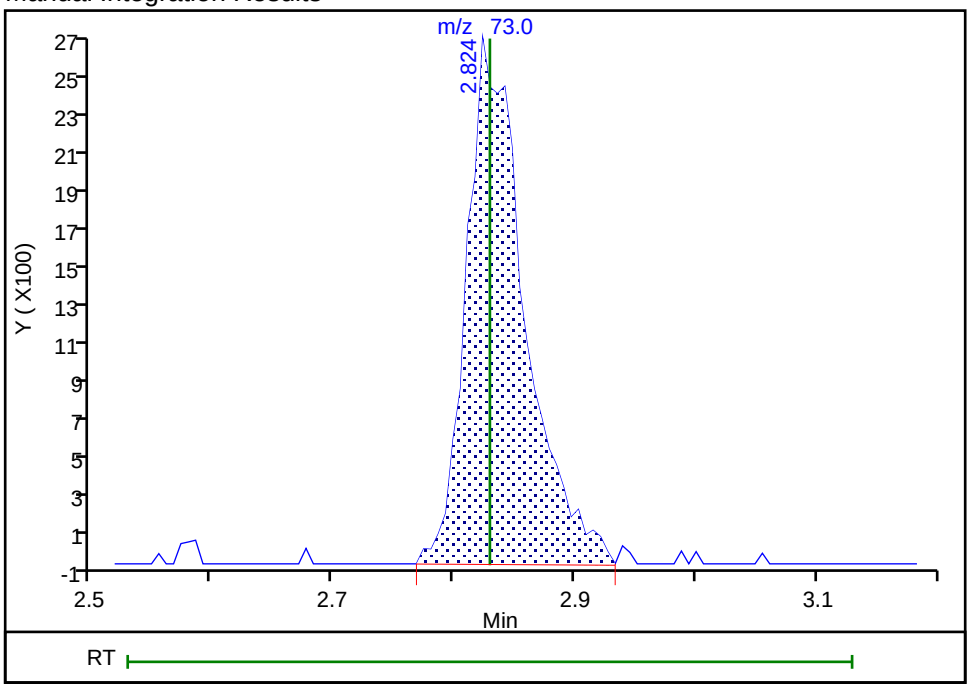
Processing Integration Results

RT: 2.82
Area: 4761
Amount: 0.633807
Amount Units: ug/l



Manual Integration Results

RT: 2.82
Area: 8826
Amount: 1.058177
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:14:45
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

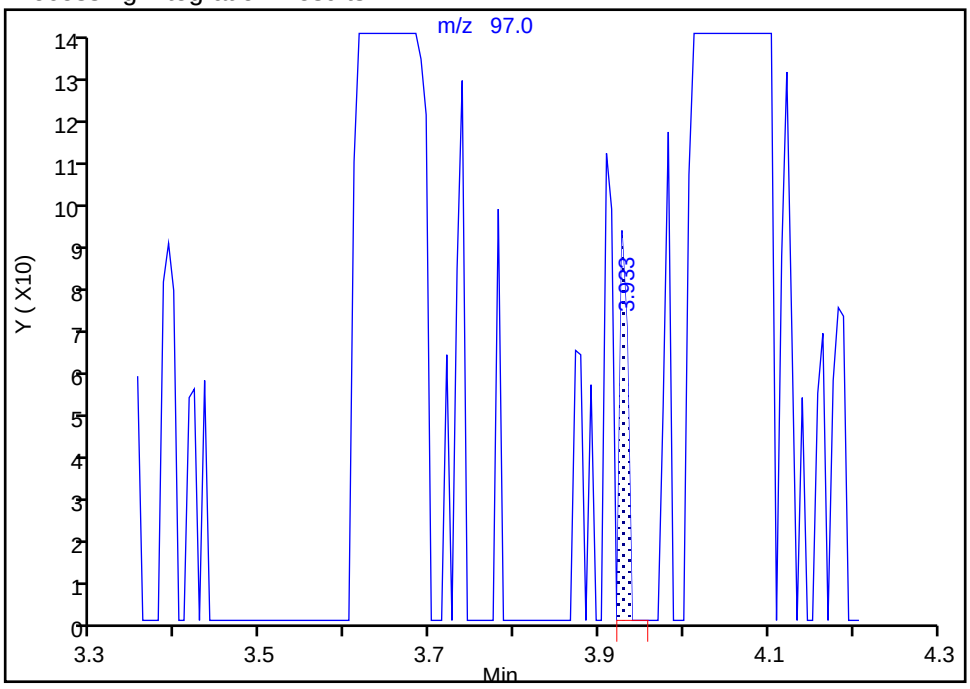
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

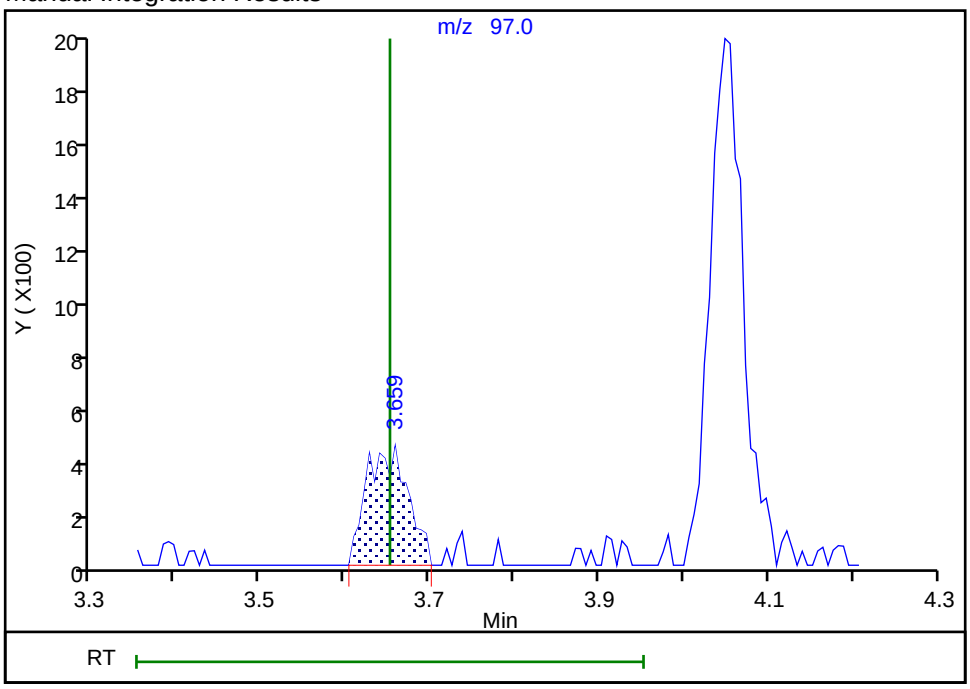
Processing Integration Results

RT: 3.93
Area: 58
Amount: 0.053172
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 1489
Amount: 1.149607
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:14:59
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

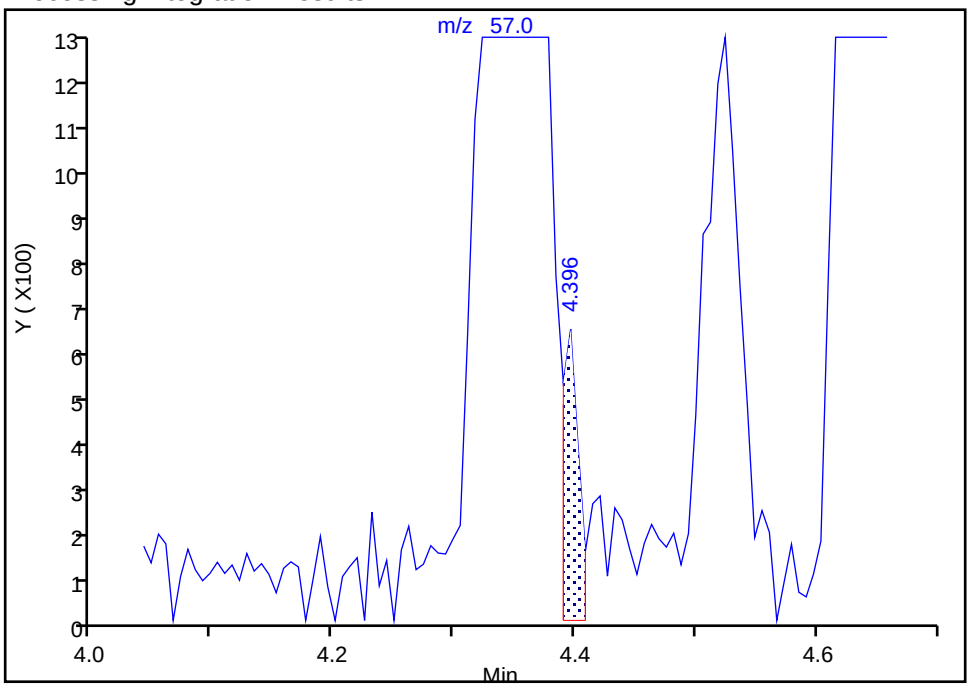
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isooctane, CAS: 540-84-1

Signal: 1

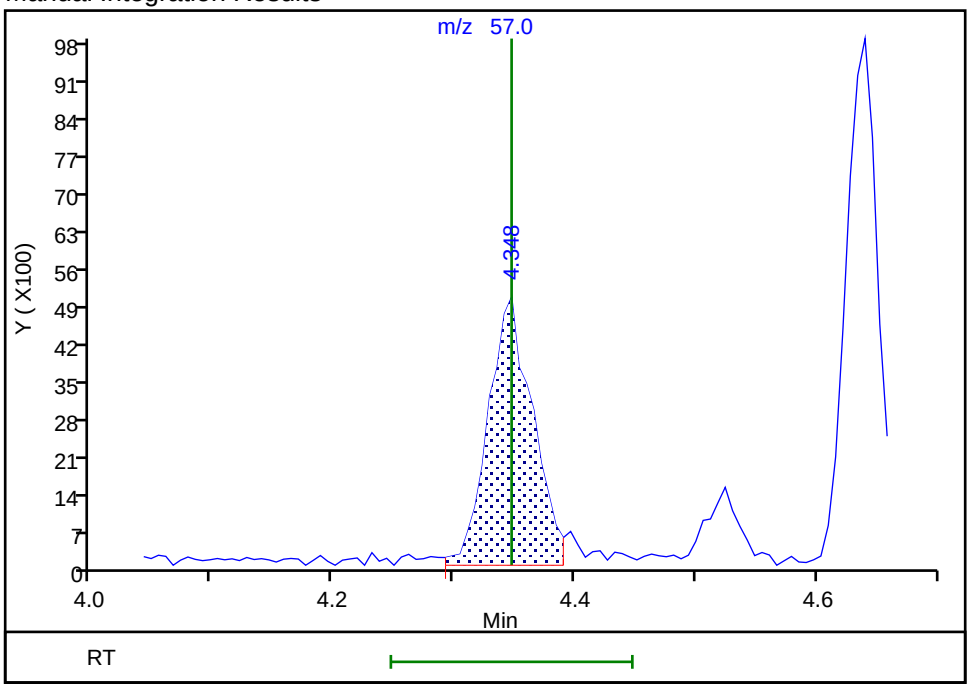
Processing Integration Results

RT: 4.40
Area: 613
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 12867
Amount: 0.986536
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:15:15
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

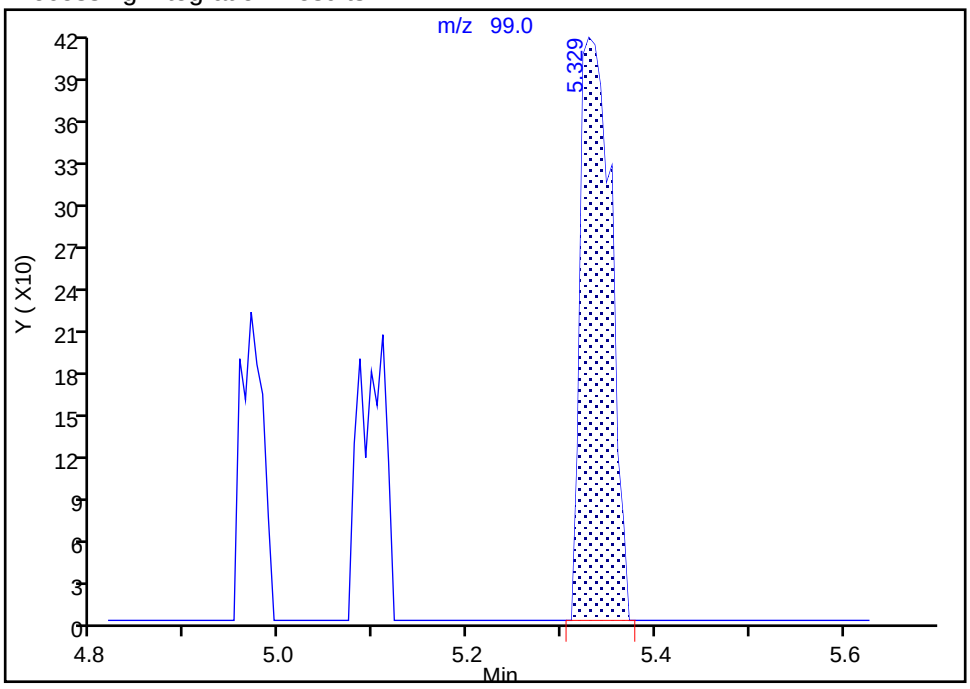
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127623.D
Injection Date: 06-Aug-2020 09:53:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

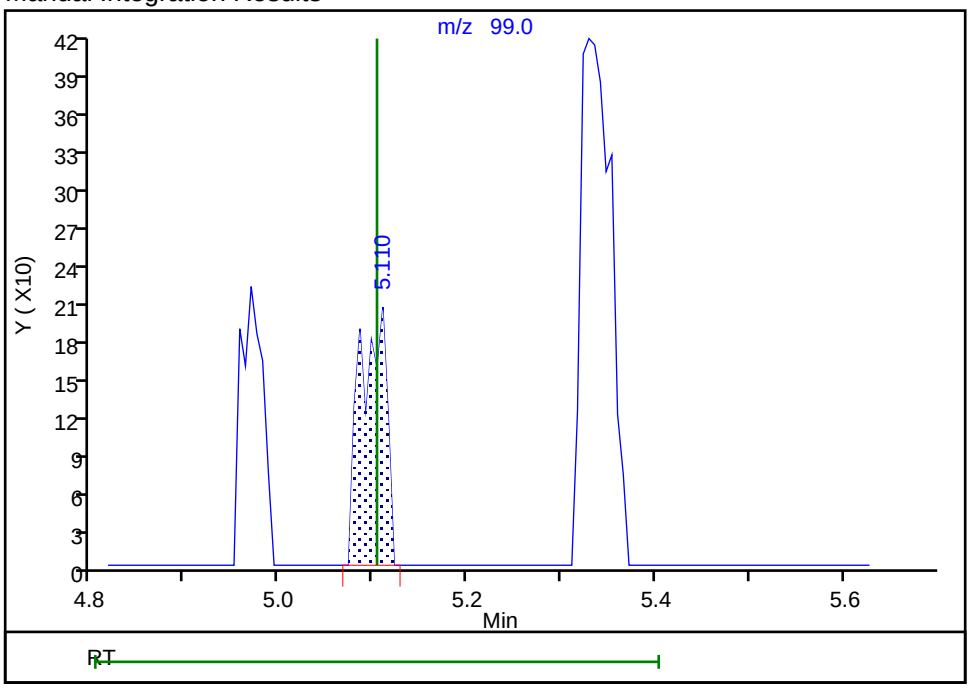
Processing Integration Results

RT: 5.33
Area: 928
Amount: 1.565718
Amount Units: ug/l



Manual Integration Results

RT: 5.11
Area: 390
Amount: 0.735334
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:22:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 06-Aug-2020 10:14:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0114599-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:44:45 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 20:15:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.232	1.220	0.012	66	1617	5.00	5.36	Ma
2 1,1-Difluoroethane	51	1.287	1.293	-0.006	97	14749	5.00	3.95	
3 Chlorotrifluoroethene	116	1.287	1.293	-0.006	63	5827	5.00	4.10	a
4 Dichlorodifluoromethane	85	1.324	1.318	0.006	62	23823	5.00	4.41	a
5 Chlorodifluoromethane	51	1.330	1.336	-0.006	99	22484	5.00	4.47	
6 Chloromethane	50	1.458	1.458	0.000	99	21274	5.00	4.01	
8 Butadiene	54	1.525	1.525	0.000	86	18356	5.00	3.99	
7 Vinyl chloride	62	1.525	1.531	-0.006	97	21726	5.00	4.26	
9 Bromomethane	94	1.751	1.757	-0.006	98	15694	5.00	4.76	
10 Chloroethane	64	1.799	1.805	-0.006	99	11862	5.00	4.46	
11 Dichlorofluoromethane	67	1.958	1.958	0.000	75	27759	5.00	4.45	
13 Pentane	72	1.970	1.970	0.000	95	5619	10.0	8.81	
12 Trichlorofluoromethane	101	1.970	1.970	0.000	55	21834	5.00	4.22	
14 Ethanol	46	2.092	2.116	-0.024	67	3179	200.0	193.0	a
15 Ethyl ether	74	2.129	2.128	0.001	95	8331	5.00	4.70	
16 2-Methyl-1,3-butadiene	53	2.147	2.147	0.000	96	13775	5.00	4.41	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.177	2.183	-0.006	87	13009	5.00	4.34	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.226	2.232	-0.006	94	21766	5.00	4.34	a
19 Acrolein	56	2.269	2.275	-0.006	95	9451	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.293	2.299	-0.006	92	15343	5.00	4.62	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	98	15375	5.00	4.50	
22 Acetone	43	2.379	2.378	0.001	87	19220	25.0	20.9	
23 Iodomethane	142	2.433	2.439	-0.006	97	28078	5.00	4.55	
25 Isopropyl alcohol	45	2.458	2.464	-0.006	38	10215	50.0	46.4	a
24 Carbon disulfide	76	2.464	2.476	-0.012	99	59887	5.00	4.54	
26 3-Chloro-1-propene	76	2.574	2.573	0.001	92	9791	5.00	4.76	
27 Methyl acetate	43	2.586	2.586	0.000	72	19652	10.0	9.76	
28 Cyclopentene	67	2.586	2.592	-0.006	94	36261	5.00	4.44	
29 Acetonitrile	40	2.635	2.634	0.001	95	13006	50.0	56.9	Ma
* 31 TBA-d9 (IS)	66	2.683	2.683	0.000	100	46672	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.689	2.689	0.000	40	18149	5.00	4.48	
32 2-Methyl-2-propanol	59	2.738	2.750	-0.012	93	15068	50.0	43.7	a
33 Methyl tert-butyl ether	73	2.824	2.830	-0.006	97	38615	5.00	4.87	
34 trans-1,2-Dichloroethene	96	2.848	2.848	0.000	94	15819	5.00	4.66	
35 Acrylonitrile	53	2.915	2.915	0.000	96	55268	50.0	47.7	
36 Hexane	57	2.982	2.982	0.000	93	20003	5.00	4.65	
37 Isopropyl ether	45	3.177	3.177	0.000	95	46527	5.00	4.77	
38 1,1-Dichloroethane	63	3.202	3.195	0.007	99	24969	5.00	4.51	
39 Vinyl acetate	86	3.214	3.214	0.000	100	5826	10.0	9.84	
40 2-Chloro-1,3-butadiene	88	3.238	3.238	0.000	90	12729	5.00	4.73	
41 Tert-butyl ethyl ether	59	3.464	3.457	0.007	88	42560	5.00	4.84	
* 42 2-Butanone-d5	46	3.634	3.634	0.000	98	289475	250.0	250.0	
43 2,2-Dichloropropane	97	3.647	3.653	-0.006	49	5481	5.00	4.45	
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	97	17126	5.00	4.74	
45 2-Butanone (MEK)	72	3.683	3.683	0.000	97	7713	25.0	22.6	
46 Ethyl acetate	70	3.695	3.695	0.000	95	3639	10.0	12.2	
47 Methyl acrylate	55	3.738	3.738	0.000	99	11959	5.00	4.75	
48 Propionitrile	54	3.805	3.805	0.000	99	21610	50.0	49.1	
50 Tetrahydrofuran	72	3.878	3.872	0.006	39	3863	10.0	10.7	
49 Chlorobromomethane	128	3.866	3.872	-0.006	84	8270	5.00	4.66	
51 Methacrylonitrile	67	3.897	3.896	0.001	92	58981	50.0	48.7	
52 Chloroform	83	3.921	3.921	0.000	98	24326	5.00	4.82	
53 Cyclohexane	84	4.037	4.037	0.000	92	22664	5.00	4.39	
54 1,1,1-Trichloroethane	97	4.049	4.049	0.000	97	21660	5.00	4.55	
$ 55 Dibromofluoromethane (Surr)	113	4.061	4.067	-0.006	97	137290	50.0	50.8	
56 Carbon tetrachloride	117	4.159	4.159	0.000	98	17629	5.00	4.38	
57 1,1-Dichloropropene	75	4.189	4.189	0.000	97	18534	5.00	4.67	
58 Isobutyl alcohol	43	4.329	4.329	0.000	93	28029	125.0	116.5	
59 Isooctane	57	4.348	4.348	0.000	99	54466	5.00	4.40	
60 Benzene	78	4.366	4.366	0.000	95	54394	5.00	4.92	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	95	144654	50.0	49.2	
62 Tert-amyl methyl ether	73	4.439	4.445	-0.006	78	44679	5.00	4.56	
63 Isopropyl acetate	61	4.451	4.451	0.000	94	7415	5.00	4.81	
64 1,2-Dichloroethane	62	4.457	4.457	0.000	98	18045	5.00	4.83	
65 n-Heptane	100	4.518	4.524	-0.006	91	3740	5.00	4.53	
* 66 Fluorobenzene	96	4.640	4.640	0.000	99	530452	50.0	50.0	
67 n-Butanol	56	4.945	4.951	-0.006	88	10494	125.0	114.9	
68 Trichloroethene	95	4.969	4.969	0.000	96	14093	5.00	4.61	
69 Methylcyclohexane	83	5.085	5.085	0.000	95	25789	5.00	4.29	
70 Ethyl acrylate	99	5.104	5.103	0.001	88	2134	5.00	4.24	a
71 1,2-Dichloropropane	63	5.244	5.244	0.000	91	13273	5.00	4.55	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	88	27694	1000.0	1000.0	
73 Methyl methacrylate	100	5.335	5.335	0.000	91	6947	10.0	9.37	
75 1,4-Dioxane	88	5.366	5.353	0.013	39	3264	100.0	102.8	a
74 Dibromomethane	93	5.366	5.360	0.006	93	8839	5.00	4.75	
76 n-Propyl acetate	43	5.396	5.396	0.000	99	17661	5.00	4.87	
77 Dichlorobromomethane	83	5.512	5.512	0.000	99	17138	5.00	4.38	
78 2-Nitropropane	41	5.841	5.841	0.000	93	7046	10.0	9.36	
79 2-Chloroethyl vinyl ether	63	5.847	5.847	0.000	89	8180	5.01	4.46	
80 Epichlorohydrin	57	5.945	5.945	0.000	99	27458	100.0	98.0	
81 cis-1,3-Dichloropropene	75	5.994	5.994	0.000	92	21320	5.00	4.87	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	97	64529	25.0	24.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.225	0.000	99	490569	50.0	52.5	
84 Toluene	91	6.292	6.298	-0.006	94	54888	5.00	4.85	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	95	18923	5.00	4.64	
86 Ethyl methacrylate	69	6.695	6.695	0.000	89	15928	5.00	4.65	
87 1,1,2-Trichloroethane	83	6.853	6.847	0.006	97	9655	5.00	4.55	
88 Tetrachloroethene	166	6.878	6.878	0.000	95	13444	5.00	4.73	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	95	18440	5.00	4.76	
90 2-Hexanone	43	7.134	7.134	0.000	95	38305	25.0	23.4	
91 n-Butyl acetate	43	7.256	7.255	0.001	99	19345	5.00	5.07	
92 Chlorodibromomethane	129	7.268	7.268	0.000	97	12019	5.00	4.70	
93 Ethylene Dibromide	107	7.408	7.408	0.000	100	11241	5.00	4.73	
* 94 Chlorobenzene-d5	117	7.945	7.950	-0.005	86	365529	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	95	33720	5.00	4.76	
96 Ethylbenzene	106	8.097	8.097	0.000	98	18495	5.00	4.68	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	95	13406	5.00	4.80	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	97	22841	5.00	4.72	
99 o-Xylene	106	8.768	8.767	0.001	93	23121	5.00	4.63	
100 n-Butyl acrylate	73	8.792	8.792	0.000	97	10491	5.00	4.90	
101 Styrene	104	8.804	8.804	0.000	96	37410	5.00	4.81	
102 Bromoform	173	9.054	9.060	-0.006	96	8192	5.00	4.92	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	91	23432	5.00	4.85	
104 Isopropylbenzene	105	9.237	9.237	0.000	96	62009	5.00	4.67	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	143763	50.0	50.5	
106 Bromobenzene	156	9.615	9.615	0.000	98	15063	5.00	4.51	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	98	16310	5.00	4.60	
108 N-Propylbenzene	91	9.731	9.725	0.007	99	73540	5.00	4.46	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	98	4623	5.00	4.81	
110 trans-1,4-Dichloro-2-butene	53	9.786	9.785	0.001	87	3088	5.00	4.37	
111 2-Chlorotoluene	91	9.834	9.834	0.000	95	51596	5.00	4.79	a
112 4-Ethyltoluene	105	9.865	9.865	0.000	99	63239	5.00	4.75	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	92	54116	5.00	4.56	
114 4-Chlorotoluene	91	9.969	9.968	0.001	97	48790	5.00	4.73	
115 Butyl Methacrylate	87	10.084	10.084	0.000	90	18992	5.00	4.73	
116 tert-Butylbenzene	119	10.261	10.261	0.000	94	42374	5.00	4.30	
117 1,2,4-Trimethylbenzene	105	10.328	10.334	-0.006	97	55071	5.00	4.56	
118 sec-Butylbenzene	105	10.487	10.487	0.000	99	68765	5.00	4.36	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	97	29815	5.00	4.63	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	97	58526	5.00	4.44	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	95	203765	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	94	29939	5.00	4.73	
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	99	60029	5.00	4.78	
124 Benzyl chloride	91	10.865	10.865	0.000	99	34377	5.00	4.77	
125 2,3-Dihydroindene	117	10.920	10.919	0.001	95	56448	5.00	4.66	
126 p-Diethylbenzene	119	11.005	10.999	0.006	93	33208	5.00	4.62	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	32668	5.00	4.67	
128 1,2-Dichlorobenzene	146	11.054	11.054	0.000	94	31333	5.00	4.84	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	98	62569	5.00	4.38	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	93	4188	5.00	4.88	
131 1,3,5-Trichlorobenzene	180	11.877	11.877	0.000	97	27500	5.00	4.42	
132 1,2,4-Trichlorobenzene	180	12.383	12.389	-0.006	95	26491	5.00	4.43	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	94	10091	5.00	4.09	
134 Naphthalene	128	12.578	12.578	0.000	99	66247	5.00	4.61	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	95	26337	5.00	4.63	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.40	
S 137 Xylenes, Total	100				0		10.0	9.35	
S 140 Total BTEX	1				0		25.0	23.8	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.51	
S 138 Total 1,2-dichloroethene	1				0			9.40	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00380	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	10.00	Units: uL	
524freon_00025	Amount Added:	10.00	Units: uL	
ACROLEIN W_00110	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:44:48 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D

Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17

Lims ID: STD5

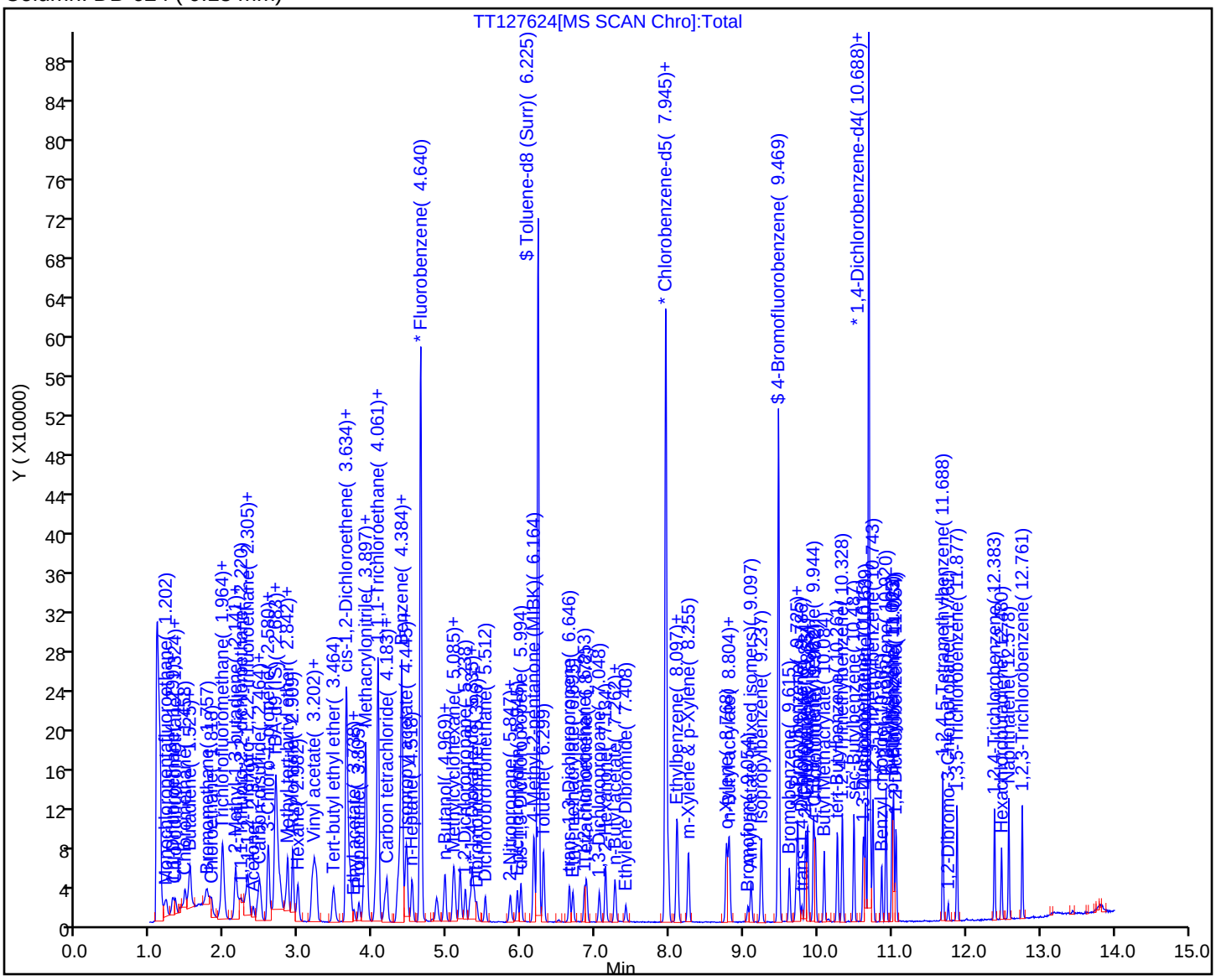
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

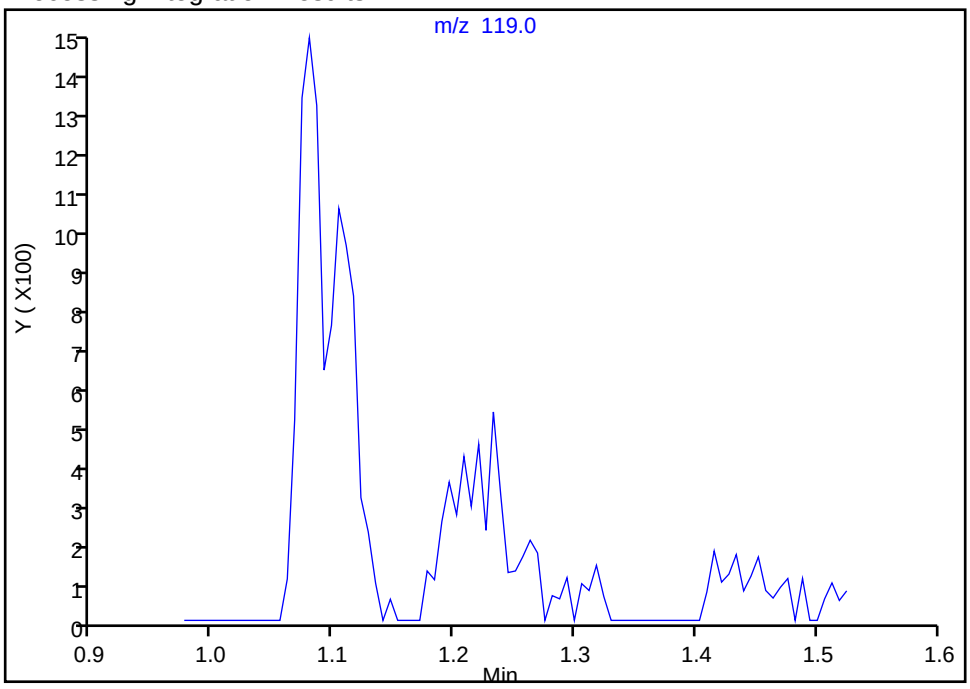
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

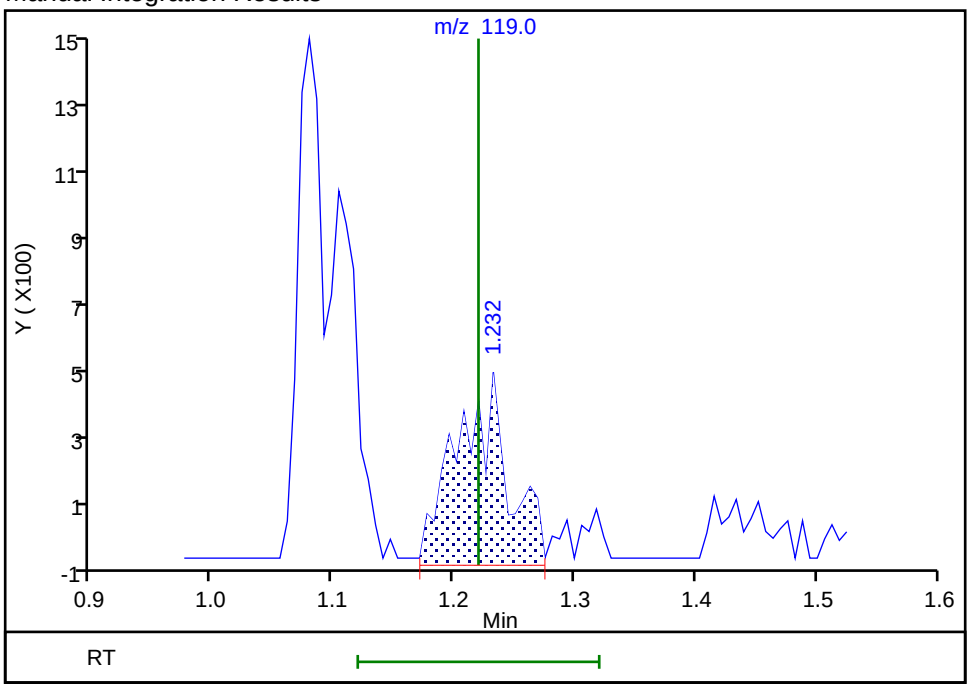
Not Detected
Expected RT: 1.22

Processing Integration Results



Manual Integration Results

RT: 1.23
Area: 1617
Amount: 5.360550
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:56:18
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

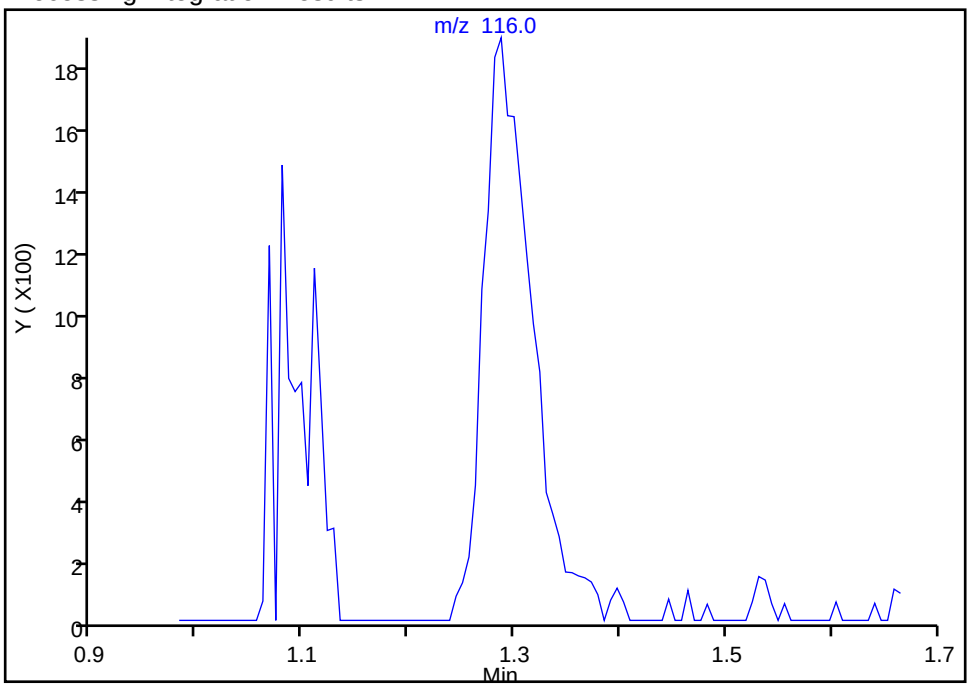
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

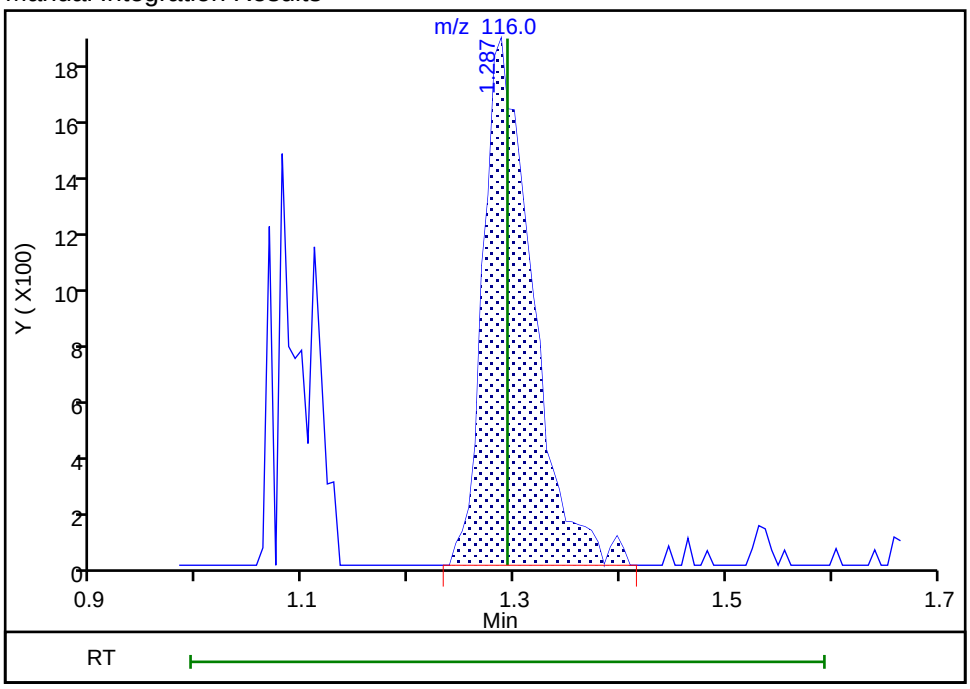
Not Detected
Expected RT: 1.29

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 5827
Amount: 4.102377
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:25:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

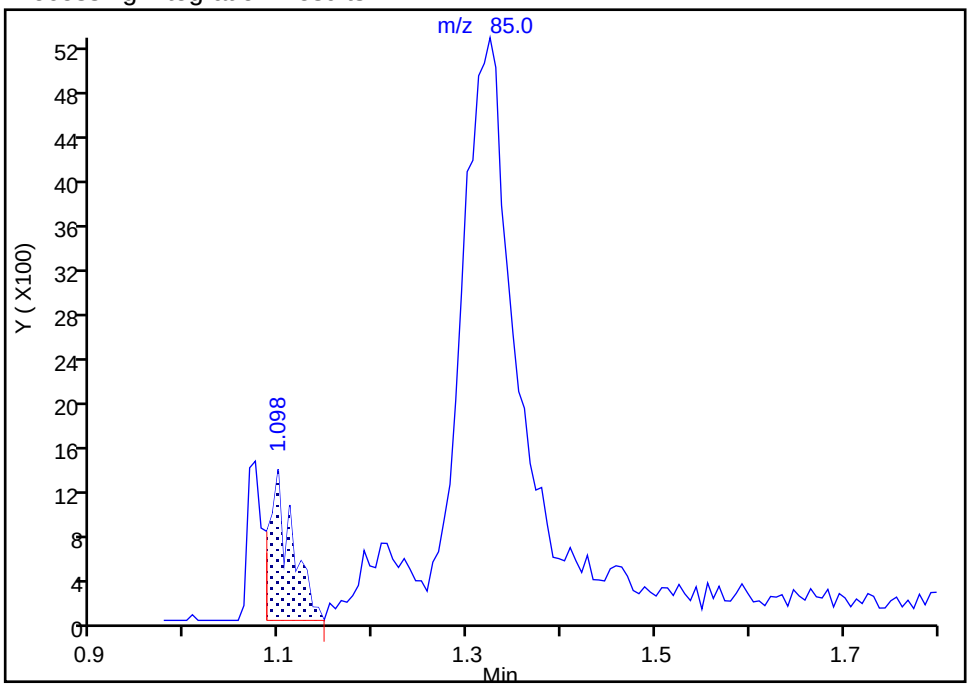
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D				
Injection Date:	06-Aug-2020 10:14:30	Instrument ID:	CVOAMS17		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

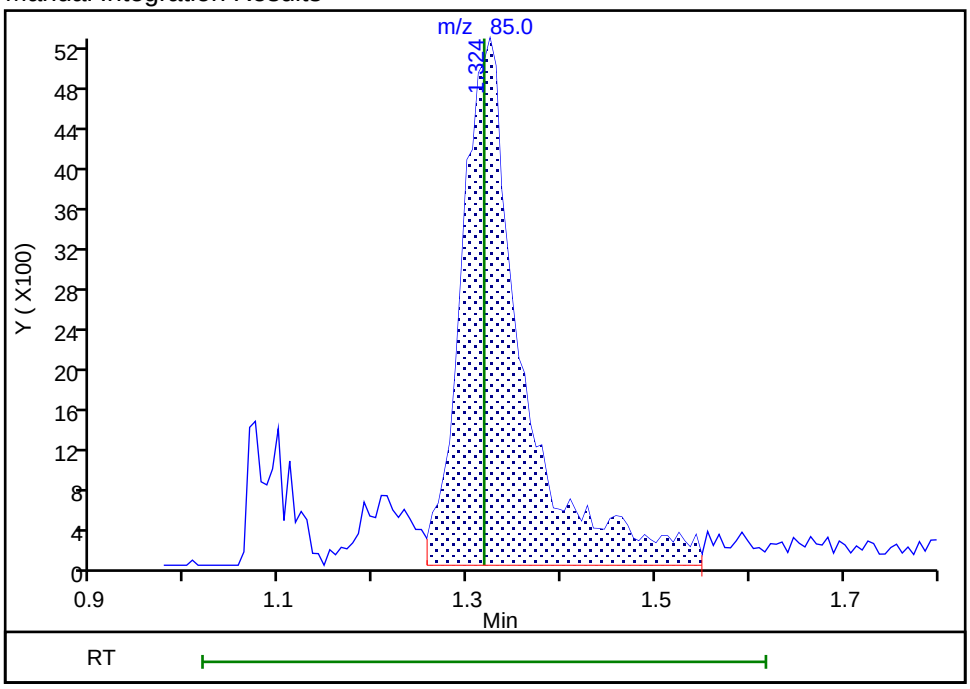
Processing Integration Results

RT: 1.10
Area: 2295
Amount: 0.538742
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 23823
Amount: 4.406417
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:25:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

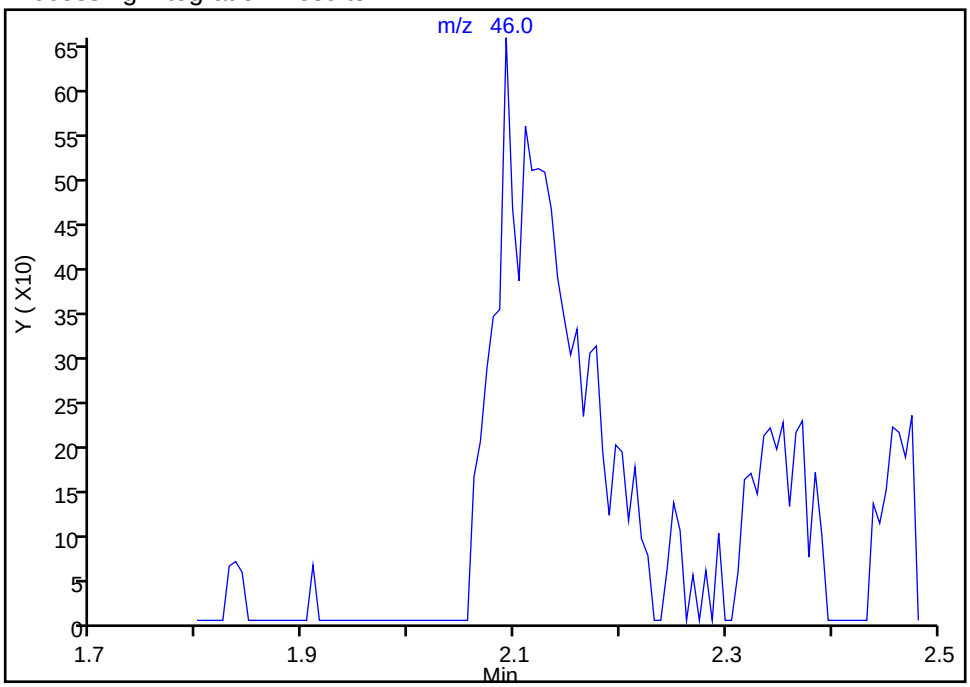
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

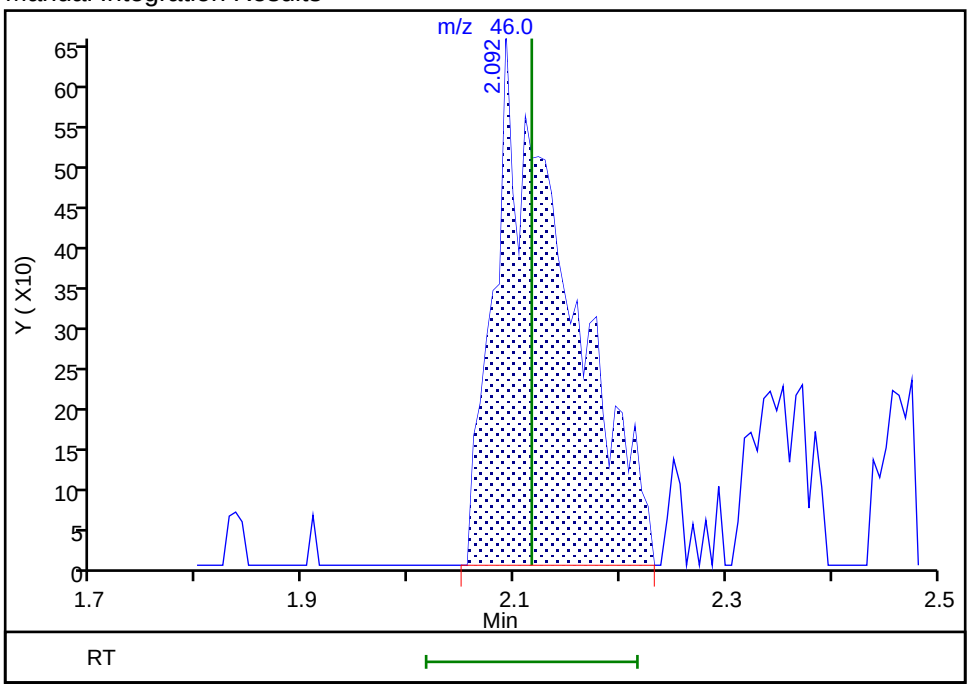
Not Detected
Expected RT: 2.12

Processing Integration Results



Manual Integration Results

RT: 2.09
Area: 3179
Amount: 193.0290
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:25:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

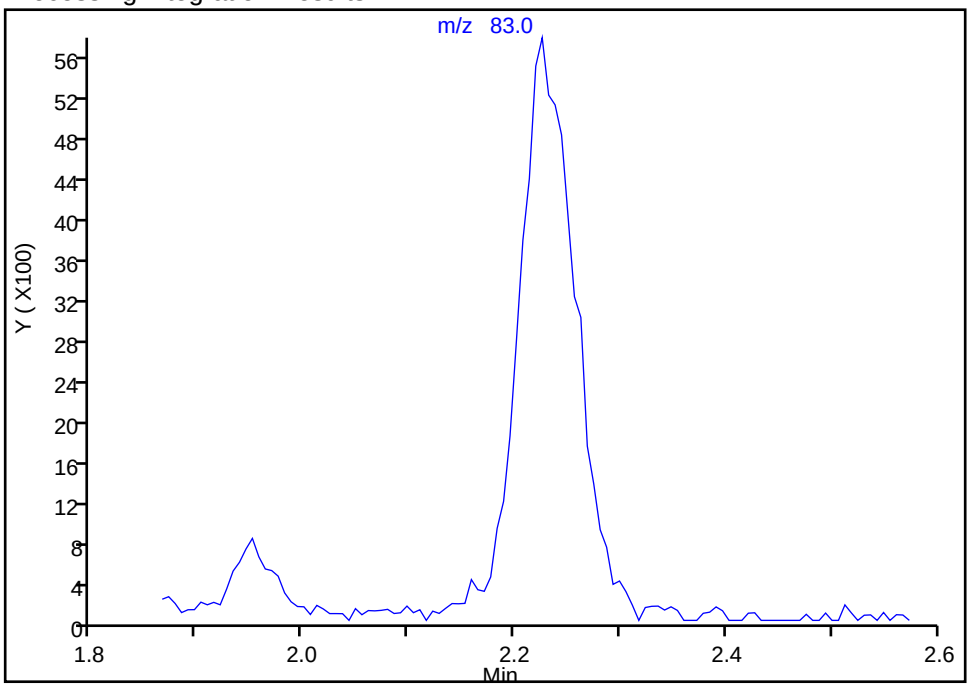
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

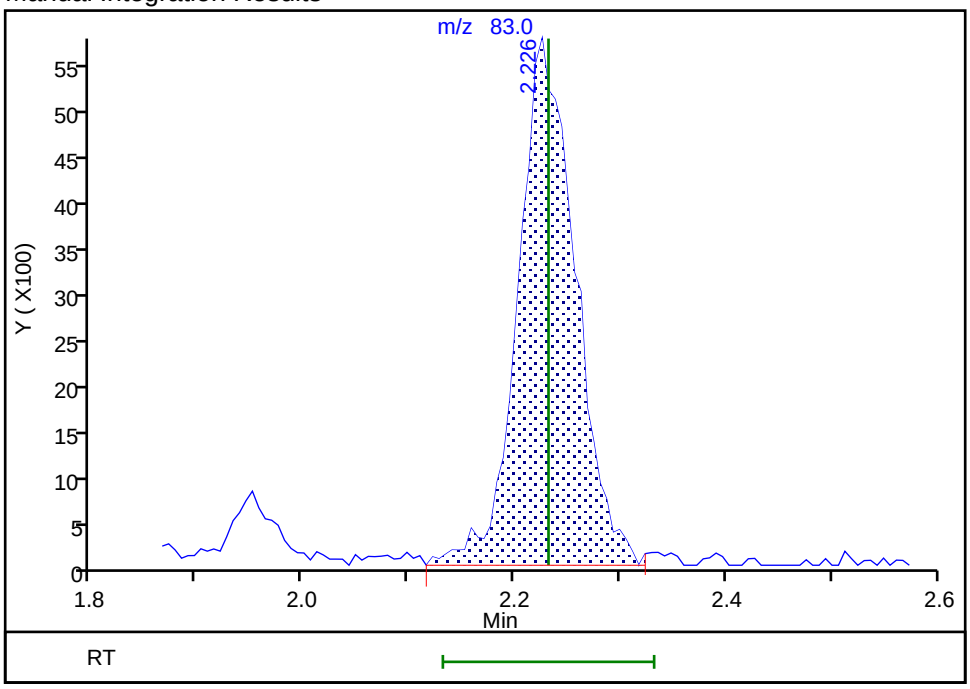
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 21766
Amount: 4.336499
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:26:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

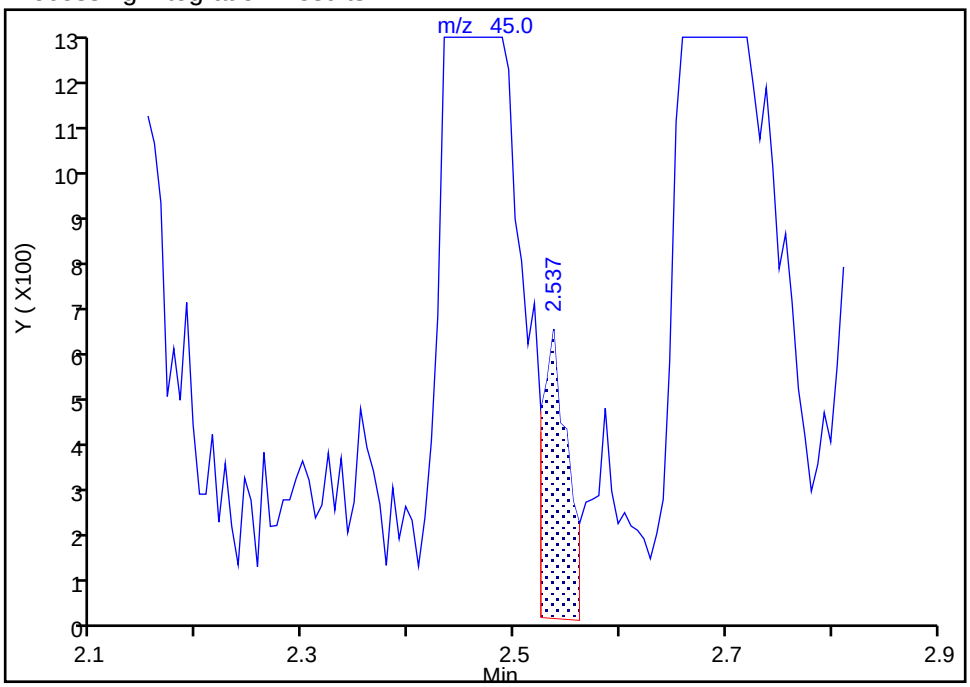
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

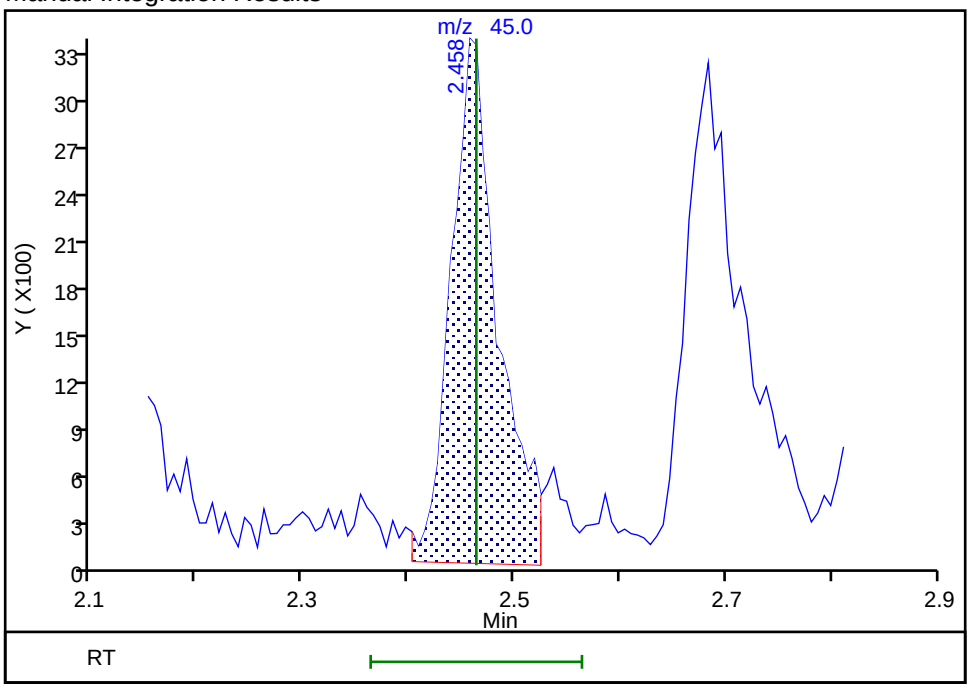
Processing Integration Results

RT: 2.54
Area: 1030
Amount: 5.311478
Amount Units: ug/l



Manual Integration Results

RT: 2.46
Area: 10215
Amount: 46.397543
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:26:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

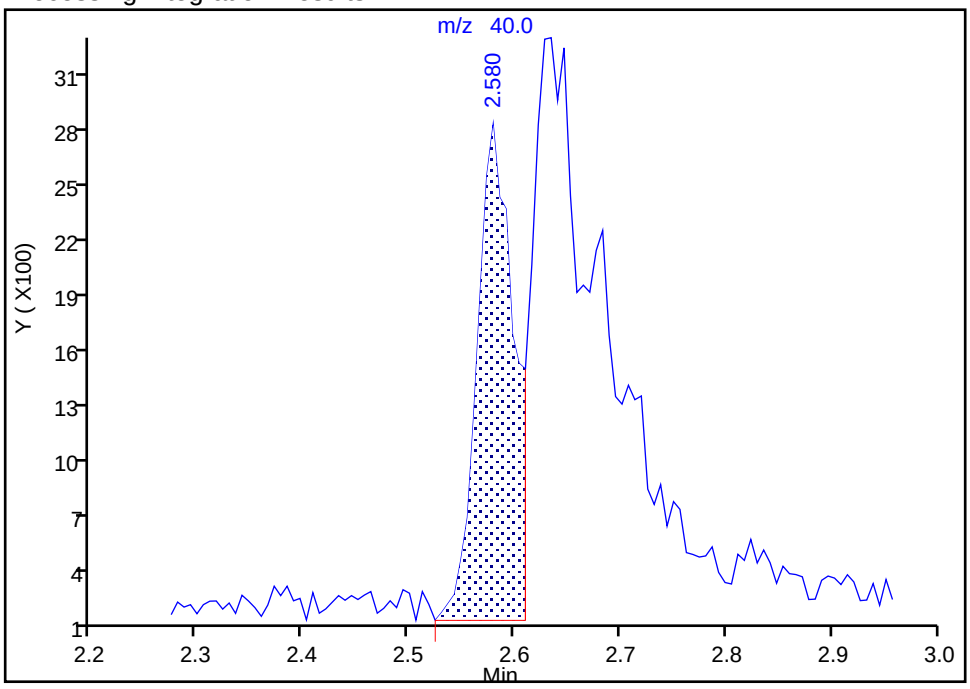
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

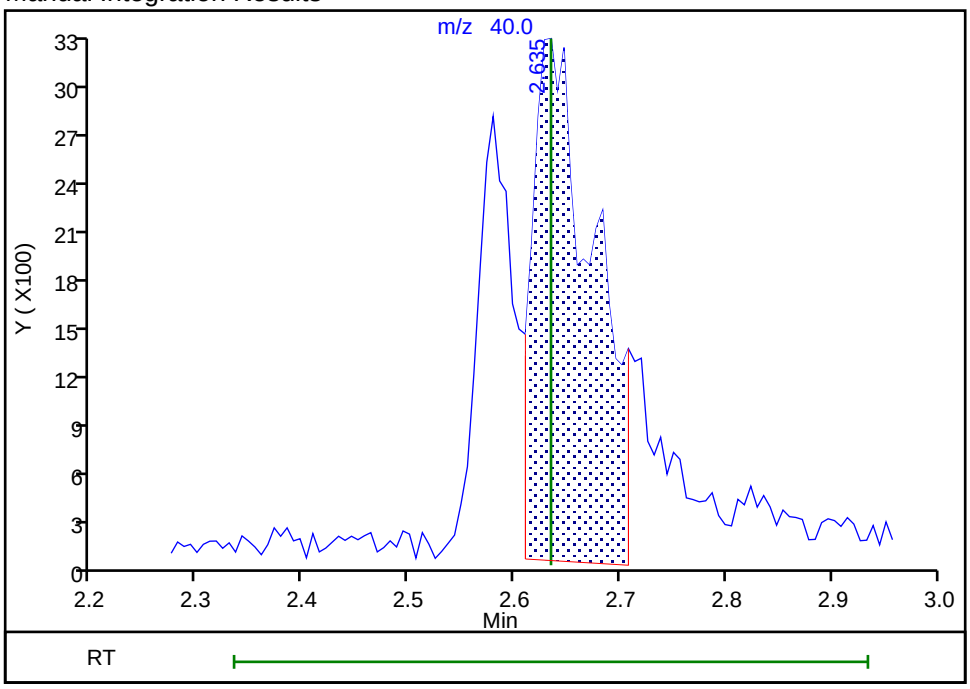
Processing Integration Results

RT: 2.58
Area: 6571
Amount: 52.026575
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 13006
Amount: 56.865848
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:06:56
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

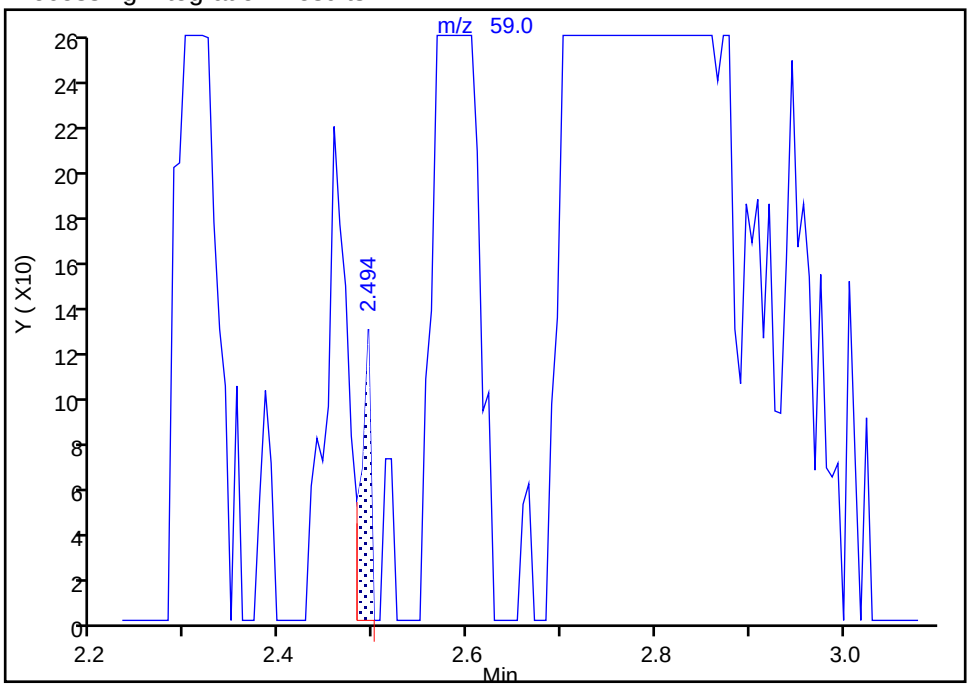
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

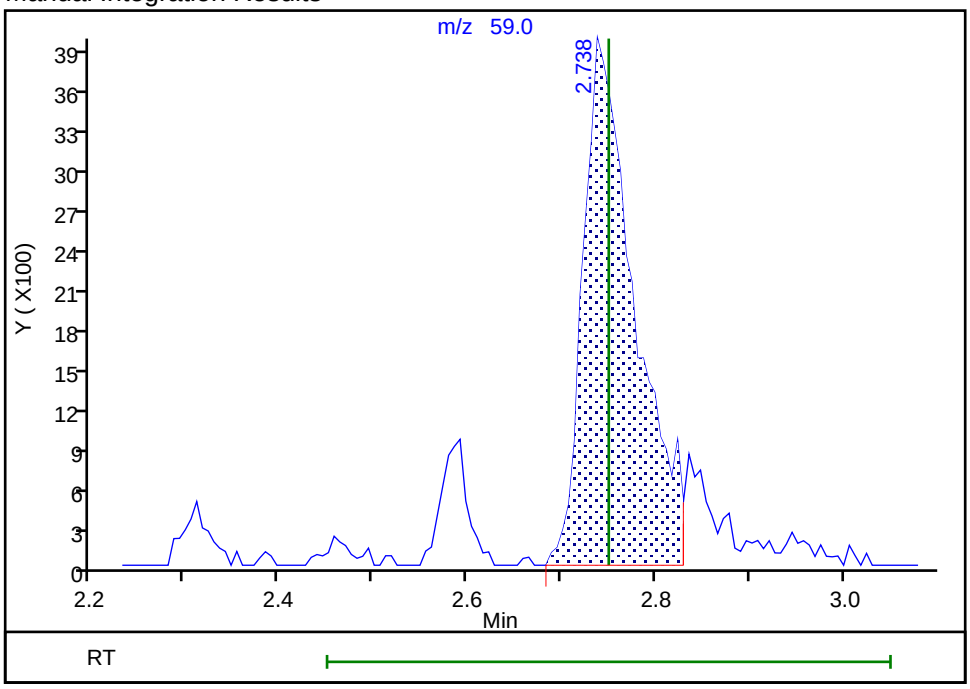
Processing Integration Results

RT: 2.49
Area: 90
Amount: 1.400850
Amount Units: ug/l



Manual Integration Results

RT: 2.74
Area: 15068
Amount: 43.715652
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:26:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

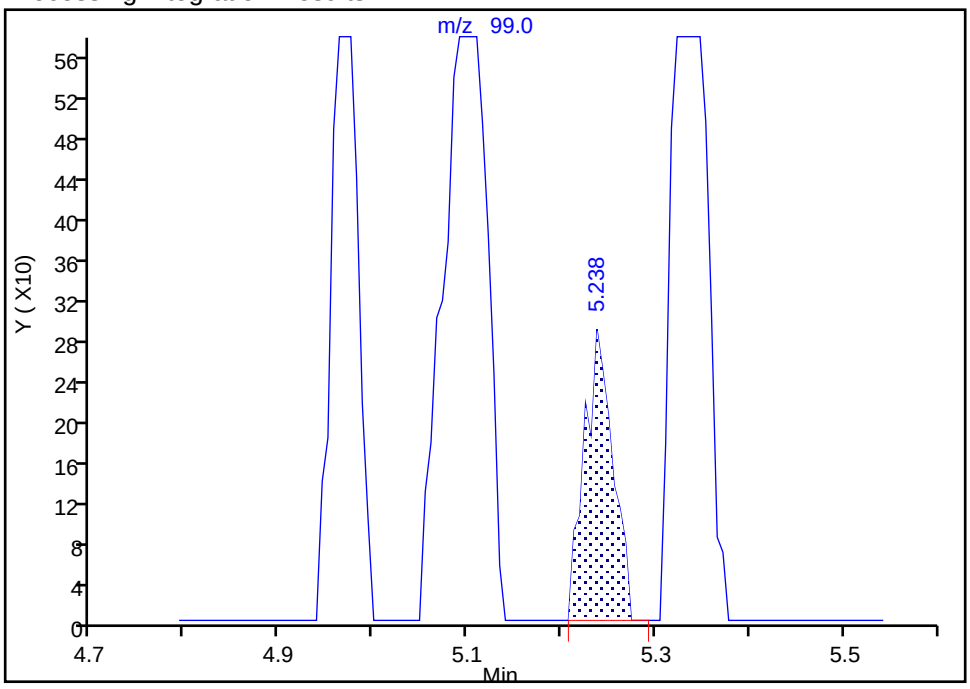
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

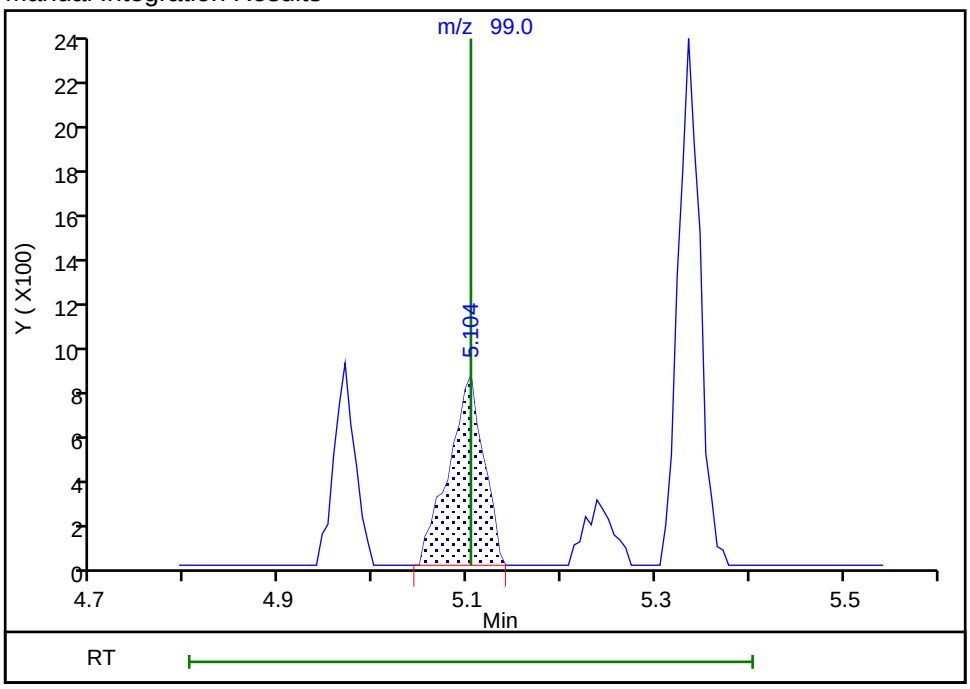
Processing Integration Results

RT: 5.24
Area: 600
Amount: 1.057110
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 2134
Amount: 4.237262
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:23:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

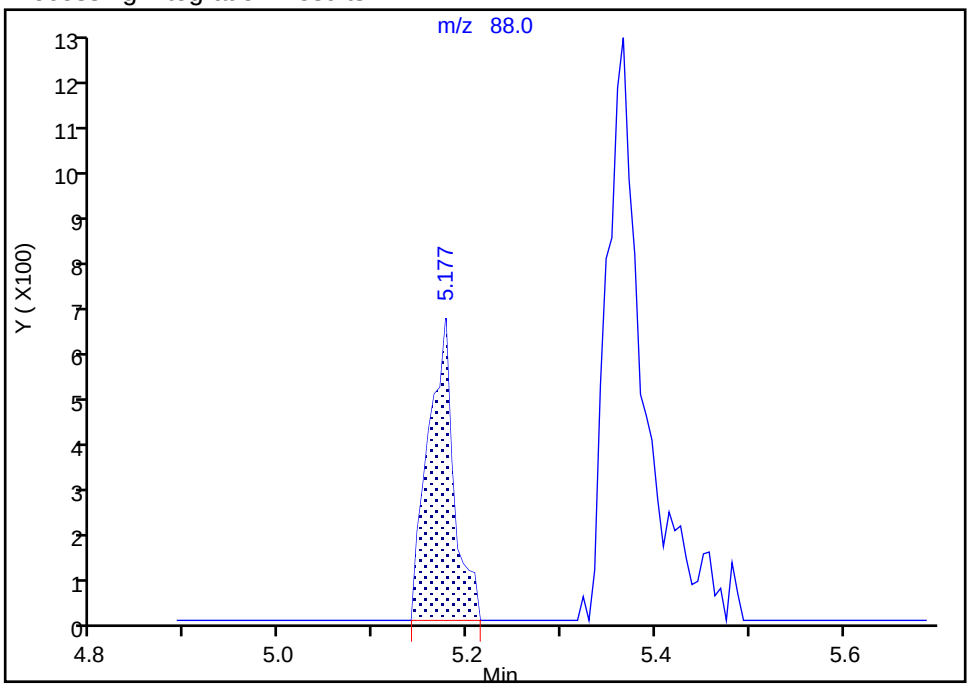
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

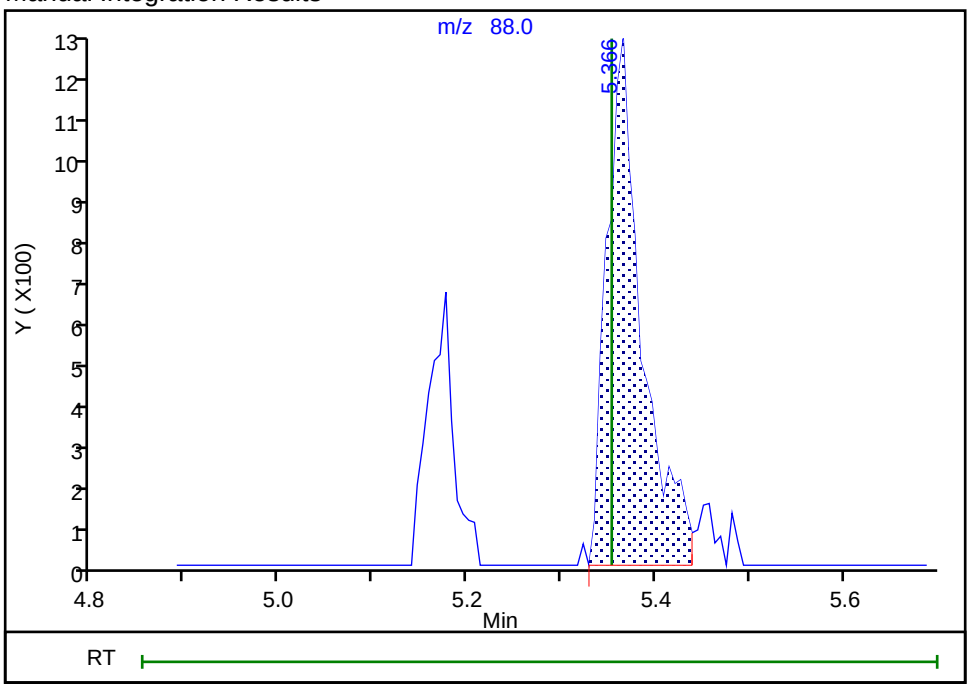
Processing Integration Results

RT: 5.18
Area: 1228
Amount: 58.785594
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 3264
Amount: 102.8474
Amount Units: ug/l



Reviewer: kluseys, 07-Aug-2020 07:32:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

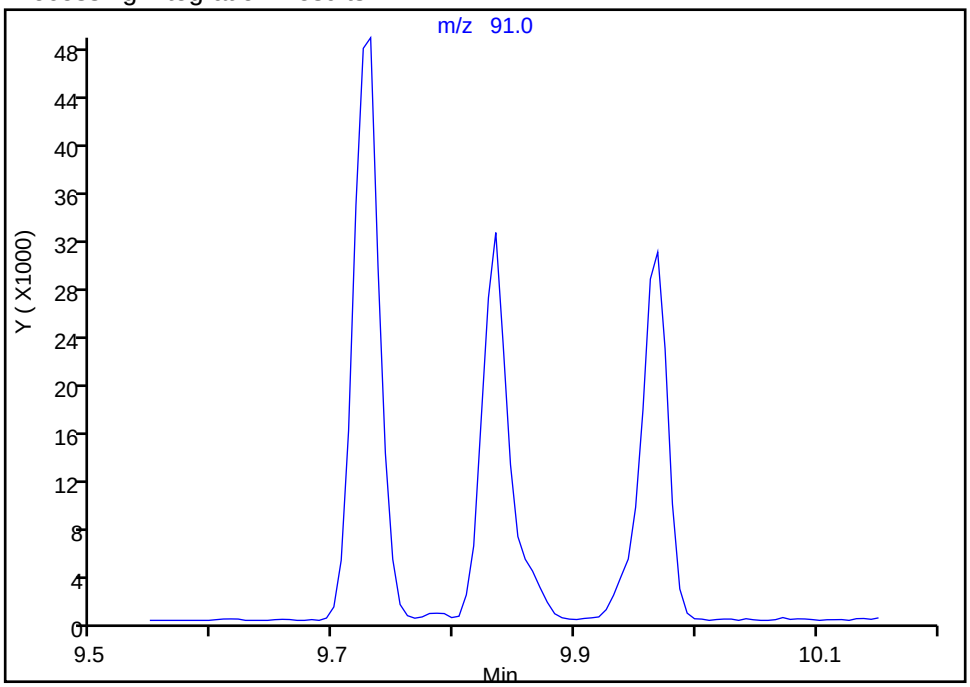
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127624.D
Injection Date: 06-Aug-2020 10:14:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

111 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

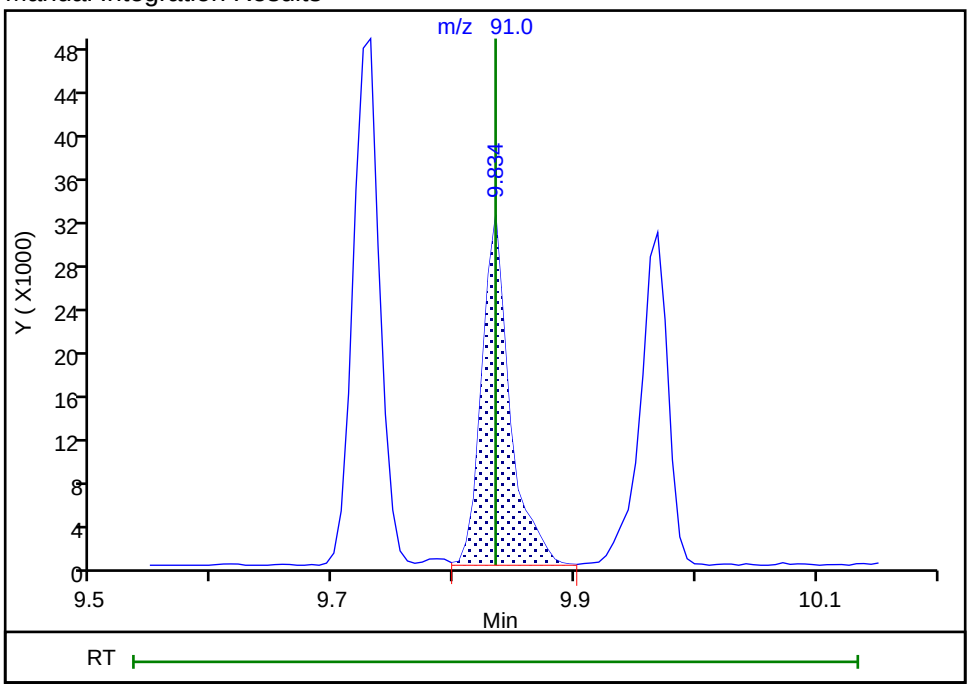
Not Detected
Expected RT: 9.83

Processing Integration Results



Manual Integration Results

RT: 9.83
Area: 51596
Amount: 4.787596
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:22:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 06-Aug-2020 10:35:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0114599-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:45:02 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 07-Aug-2020 07:43:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.220	1.220	0.000	85	5312	20.0	16.9	
2 1,1-Difluoroethane	51	1.293	1.293	0.000	96	62912	20.0	17.5	
3 Chlorotrifluoroethene	116	1.293	1.293	0.000	61	26541	20.0	19.5	
4 Dichlorodifluoromethane	85	1.318	1.318	0.000	99	97089	20.0	18.7	
5 Chlorodifluoromethane	51	1.336	1.336	0.000	100	97042	20.0	20.1	
6 Chloromethane	50	1.458	1.458	0.000	99	96550	20.0	18.9	
8 Butadiene	54	1.525	1.525	0.000	98	86420	20.0	19.6	
7 Vinyl chloride	62	1.531	1.531	0.000	98	99462	20.0	20.3	
9 Bromomethane	94	1.757	1.757	0.000	99	68947	20.0	20.5	
10 Chloroethane	64	1.805	1.805	0.000	99	52817	20.0	19.5	
11 Dichlorofluoromethane	67	1.958	1.958	0.000	98	126211	20.0	21.1	
13 Pentane	72	1.970	1.970	0.000	95	23698	40.0	38.7	
12 Trichlorofluoromethane	101	1.970	1.970	0.000	60	104409	20.0	21.0	
14 Ethanol	46	2.116	2.116	0.000	85	12812	800.0	754.0	
15 Ethyl ether	74	2.128	2.128	0.000	95	34146	20.0	20.1	
16 2-Methyl-1,3-butadiene	53	2.147	2.147	0.000	96	57419	20.0	19.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.183	2.183	0.000	88	57755	20.0	20.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.232	2.232	0.000	93	91062	20.0	18.9	M
19 Acrolein	56	2.275	2.275	0.000	93	18768	40.0	41.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.299	2.299	0.000	94	66014	20.0	20.7	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	98	61421	20.0	18.7	
22 Acetone	43	2.378	2.378	0.000	86	80478	100.0	85.6	
23 Iodomethane	142	2.439	2.439	0.000	97	118131	20.0	19.9	
25 Isopropyl alcohol	45	2.464	2.464	0.000	97	41341	200.0	182.0	
24 Carbon disulfide	76	2.476	2.476	0.000	99	249325	20.0	19.7	
26 3-Chloro-1-propene	76	2.573	2.573	0.000	93	38729	20.0	19.6	
27 Methyl acetate	43	2.586	2.586	0.000	98	79885	40.0	41.3	
28 Cyclopentene	67	2.592	2.592	0.000	93	156856	20.0	20.0	
29 Acetonitrile	40	2.634	2.634	0.000	95	48781	200.0	209.2	a
* 31 TBA-d9 (IS)	66	2.683	2.683	0.000	100	48151	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.689	2.689	0.000	91	72534	20.0	18.7	
32 2-Methyl-2-propanol	59	2.750	2.750	0.000	97	67402	200.0	189.5	Ma
33 Methyl tert-butyl ether	73	2.830	2.830	0.000	97	152726	20.0	20.1	
34 trans-1,2-Dichloroethene	96	2.848	2.848	0.000	94	63322	20.0	19.4	
35 Acrylonitrile	53	2.915	2.915	0.000	95	225718	200.0	202.9	
36 Hexane	57	2.982	2.982	0.000	93	84221	20.0	20.4	
37 Isopropyl ether	45	3.177	3.177	0.000	95	184886	20.0	19.7	
38 1,1-Dichloroethane	63	3.195	3.195	0.000	99	106380	20.0	20.0	
39 Vinyl acetate	86	3.214	3.214	0.000	100	23182	40.0	38.4	
40 2-Chloro-1,3-butadiene	88	3.238	3.238	0.000	90	54186	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.457	3.457	0.000	89	170469	20.0	20.2	
* 42 2-Butanone-d5	46	3.634	3.634	0.000	94	295509	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	90	20974	20.0	17.8	a
44 cis-1,2-Dichloroethene	96	3.665	3.665	0.000	97	66629	20.0	19.2	
45 2-Butanone (MEK)	72	3.683	3.683	0.000	97	31597	100.0	90.6	
46 Ethyl acetate	70	3.695	3.695	0.000	96	12697	40.0	41.6	
47 Methyl acrylate	55	3.738	3.738	0.000	100	46682	20.0	19.3	
48 Propionitrile	54	3.805	3.805	0.000	98	84698	200.0	186.7	
50 Tetrahydrofuran	72	3.872	3.872	0.000	63	15060	40.0	40.8	
49 Chlorobromomethane	128	3.872	3.872	0.000	86	33205	20.0	19.5	
51 Methacrylonitrile	67	3.896	3.896	0.000	93	235064	200.0	202.2	
52 Chloroform	83	3.921	3.921	0.000	98	99373	20.0	20.5	
53 Cyclohexane	84	4.037	4.037	0.000	91	98100	20.0	19.8	
54 1,1,1-Trichloroethane	97	4.049	4.049	0.000	98	88585	20.0	19.4	
$ 55 Dibromofluoromethane (Surr)	113	4.067	4.067	0.000	97	134095	50.0	51.6	
56 Carbon tetrachloride	117	4.159	4.159	0.000	97	74814	20.0	19.4	
57 1,1-Dichloropropene	75	4.189	4.189	0.000	96	75132	20.0	19.7	
58 Isobutyl alcohol	43	4.329	4.329	0.000	95	116214	500.0	468.2	
59 Isooctane	57	4.348	4.348	0.000	99	238766	20.0	20.1	
60 Benzene	78	4.366	4.366	0.000	97	223613	20.0	20.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	96	142782	50.0	50.6	
62 Tert-amyl methyl ether	73	4.445	4.445	0.000	76	196796	20.0	20.9	
63 Isopropyl acetate	61	4.451	4.451	0.000	93	29385	20.0	19.9	
64 1,2-Dichloroethane	62	4.457	4.457	0.000	96	68719	20.0	19.1	
65 n-Heptane	100	4.524	4.524	0.000	92	15815	20.0	19.9	
* 66 Fluorobenzene	96	4.640	4.640	0.000	99	509384	50.0	50.0	
67 n-Butanol	56	4.951	4.951	0.000	91	41229	500.0	437.6	
68 Trichloroethene	95	4.969	4.969	0.000	99	56177	20.0	19.1	
69 Methylcyclohexane	83	5.085	5.085	0.000	95	110231	20.0	19.1	
70 Ethyl acrylate	99	5.103	5.103	0.000	97	8527	20.0	17.7	a
71 1,2-Dichloropropane	63	5.244	5.244	0.000	92	55214	20.0	19.7	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	88	28786	1000.0	1000.0	
73 Methyl methacrylate	100	5.335	5.335	0.000	89	27963	40.0	39.3	
75 1,4-Dioxane	88	5.353	5.353	0.000	36	13022	400.0	394.8	a
74 Dibromomethane	93	5.360	5.360	0.000	96	33811	20.0	18.9	
76 n-Propyl acetate	43	5.396	5.396	0.000	98	68225	20.0	19.6	
77 Dichlorobromomethane	83	5.512	5.512	0.000	99	69753	20.0	18.6	
78 2-Nitropropane	41	5.841	5.841	0.000	83	27305	40.0	37.7	
79 2-Chloroethyl vinyl ether	63	5.847	5.847	0.000	83	33966	20.0	19.3	
80 Epichlorohydrin	57	5.945	5.945	0.000	99	110727	400.0	387.1	
81 cis-1,3-Dichloropropene	75	5.994	5.994	0.000	92	87502	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	97	258190	100.0	96.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.225	0.000	99	481454	50.0	51.3	
84 Toluene	91	6.298	6.298	0.000	93	221474	20.0	19.5	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	97	76708	20.0	18.7	
86 Ethyl methacrylate	69	6.695	6.695	0.000	89	65951	20.0	19.2	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	96	39508	20.0	18.6	
88 Tetrachloroethene	166	6.878	6.878	0.000	97	55994	20.0	19.7	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	95	75235	20.0	19.3	
90 2-Hexanone	43	7.134	7.134	0.000	95	156899	100.0	93.8	
91 n-Butyl acetate	43	7.255	7.255	0.000	99	73826	20.0	19.3	
92 Chlorodibromomethane	129	7.268	7.268	0.000	98	50298	20.0	19.6	
93 Ethylene Dibromide	107	7.408	7.408	0.000	99	46738	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.950	7.950	0.000	86	366793	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	96	140751	20.0	19.8	
96 Ethylbenzene	106	8.097	8.097	0.000	98	76890	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	96	55022	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	97	94162	20.0	19.4	
99 o-Xylene	106	8.767	8.767	0.000	94	97408	20.0	19.4	
100 n-Butyl acrylate	73	8.792	8.792	0.000	97	40444	20.0	18.8	
101 Styrene	104	8.804	8.804	0.000	95	151138	20.0	19.4	
102 Bromoform	173	9.060	9.060	0.000	97	31261	20.0	18.7	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	91	88285	20.0	19.2	
104 Isopropylbenzene	105	9.237	9.237	0.000	96	259411	20.0	19.5	
$ 105 4-Bromofluorobenzene	174	9.468	9.468	0.000	0	140882	50.0	49.3	
106 Bromobenzene	156	9.615	9.615	0.000	98	59444	20.0	18.7	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	98	63284	20.0	18.7	
108 N-Propylbenzene	91	9.725	9.725	0.000	99	300070	20.0	19.1	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	97	17649	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	9.785	9.785	0.000	93	13248	20.0	19.7	
111 2-Chlorotoluene	91	9.834	9.834	0.000	97	199480	20.0	19.4	
112 4-Ethyltoluene	105	9.865	9.865	0.000	99	252820	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	93	220958	20.0	19.5	
114 4-Chlorotoluene	91	9.968	9.968	0.000	98	191364	20.0	19.5	
115 Butyl Methacrylate	87	10.084	10.084	0.000	91	75958	20.0	19.9	
116 tert-Butylbenzene	119	10.261	10.261	0.000	94	180666	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	97	225604	20.0	19.6	
118 sec-Butylbenzene	105	10.487	10.487	0.000	99	291197	20.0	19.4	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	117213	20.0	19.1	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	98	248837	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	95	194120	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	95	115661	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	99	236936	20.0	19.8	
124 Benzyl chloride	91	10.865	10.865	0.000	99	131876	20.0	19.2	
125 2,3-Dihydroindene	117	10.919	10.919	0.000	95	225082	20.0	19.5	
126 p-Diethylbenzene	119	10.999	10.999	0.000	93	133686	20.0	19.5	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	132626	20.0	19.9	
128 1,2-Dichlorobenzene	146	11.054	11.054	0.000	96	119815	20.0	19.4	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	98	257804	20.0	18.9	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	96	15502	20.0	19.0	
131 1,3,5-Trichlorobenzene	180	11.877	11.877	0.000	98	112823	20.0	19.0	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	95	105374	20.0	18.5	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	94	44612	20.0	19.0	
134 Naphthalene	128	12.578	12.578	0.000	99	261546	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.000	95	102679	20.0	18.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.6	
S 137 Xylenes, Total	100				0		40.0	38.8	
S 140 Total BTEX	1				0		100.0	97.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00380	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	20.00	Units: uL	
524freon_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00110	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:45:05 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D

Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17

Lims ID: STD20

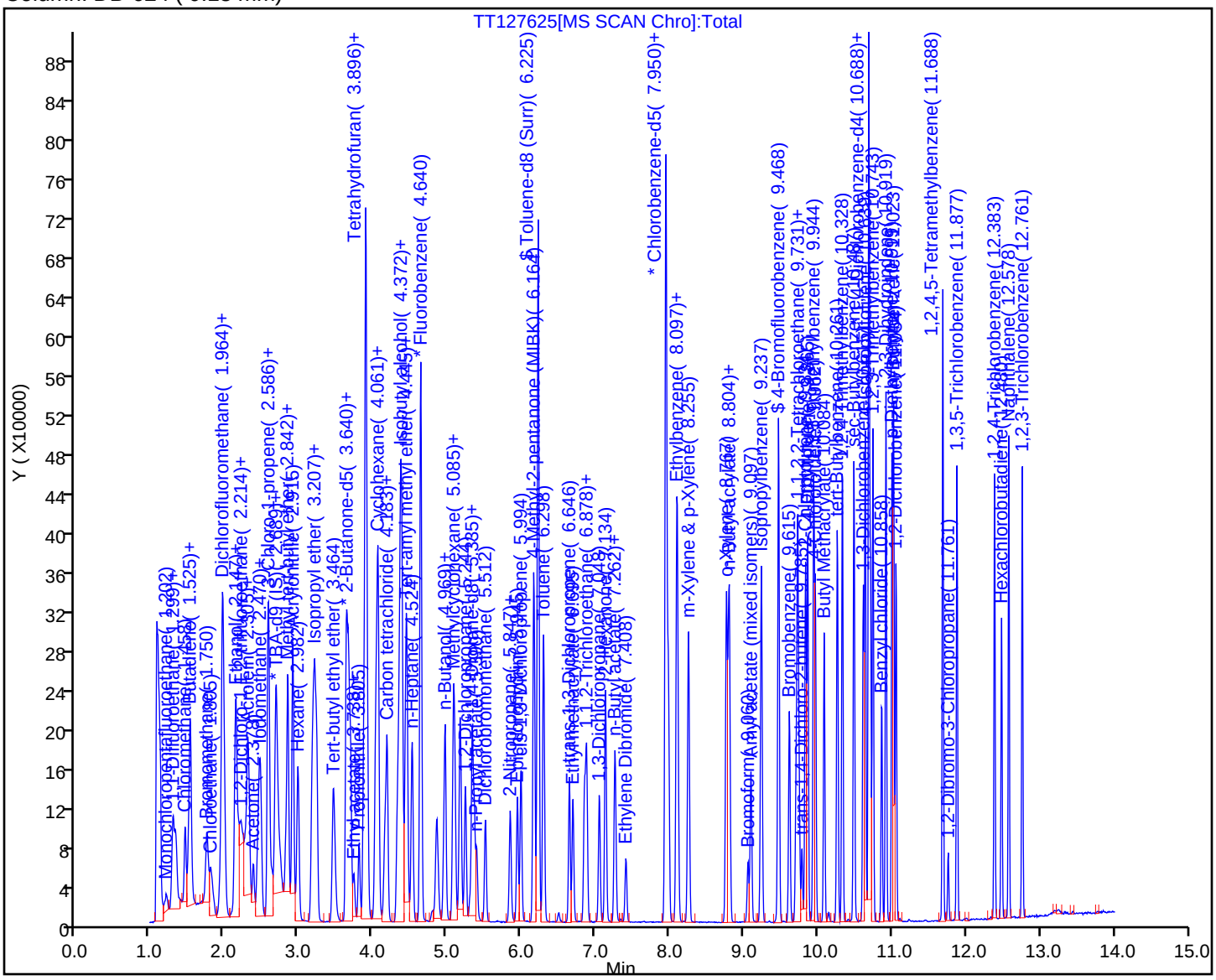
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

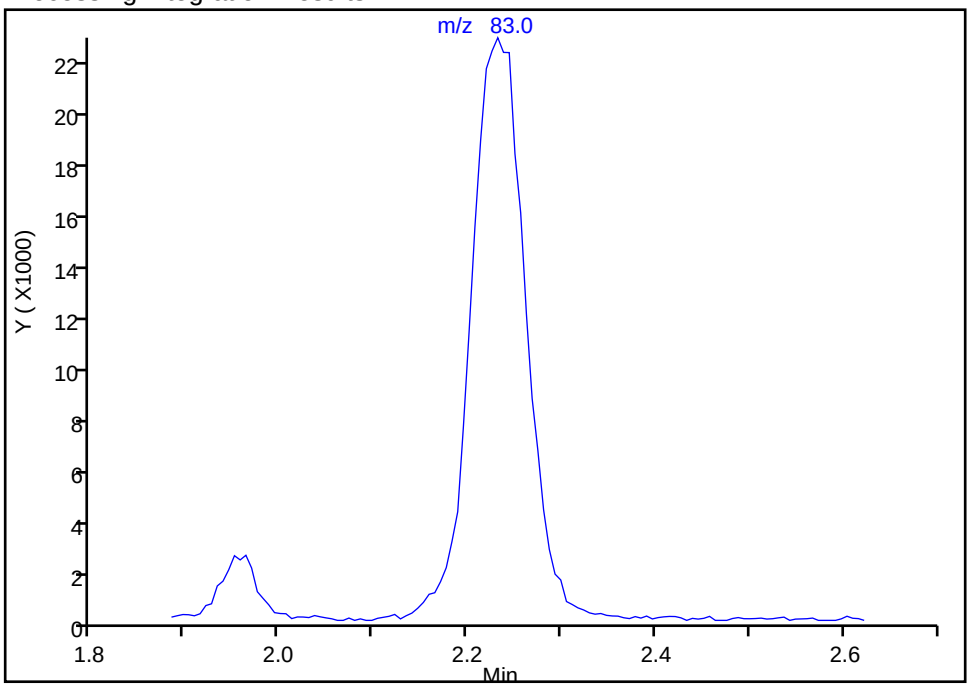
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

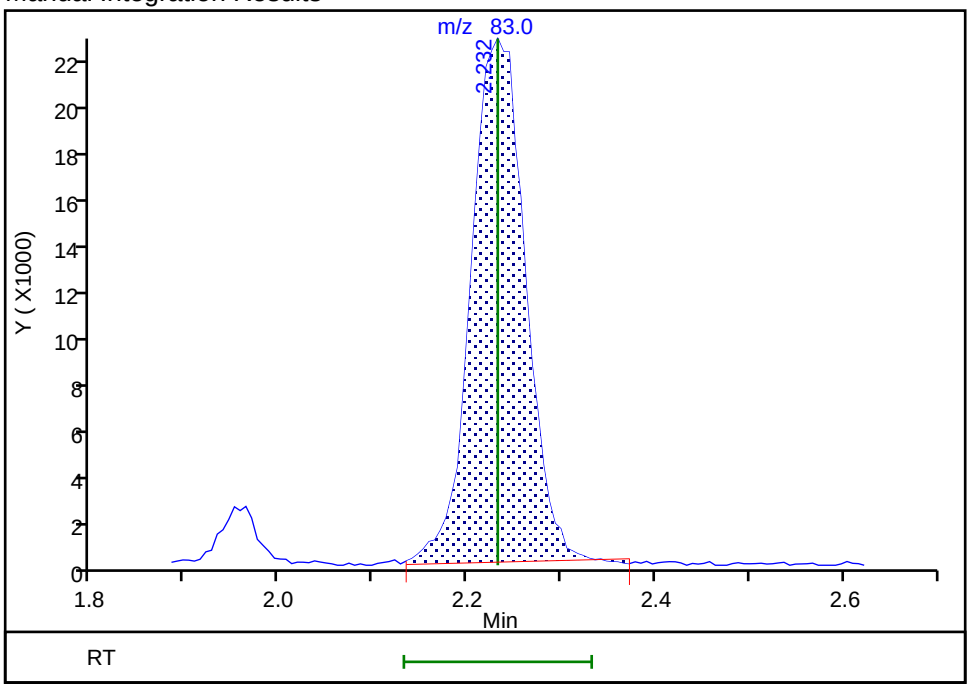
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 91062
Amount: 18.892899
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 12:38:04
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

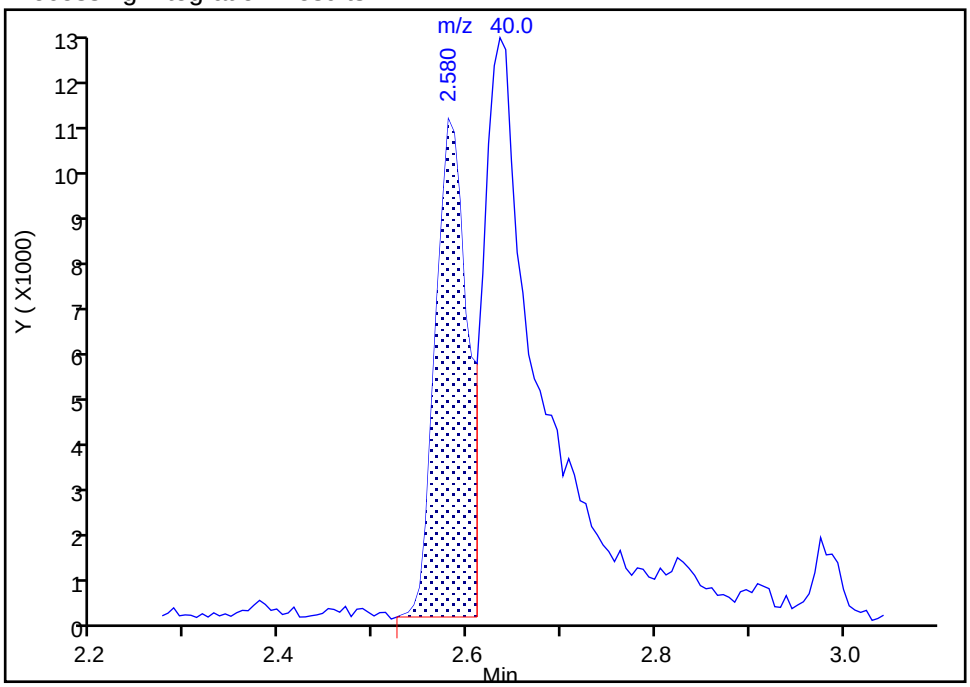
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

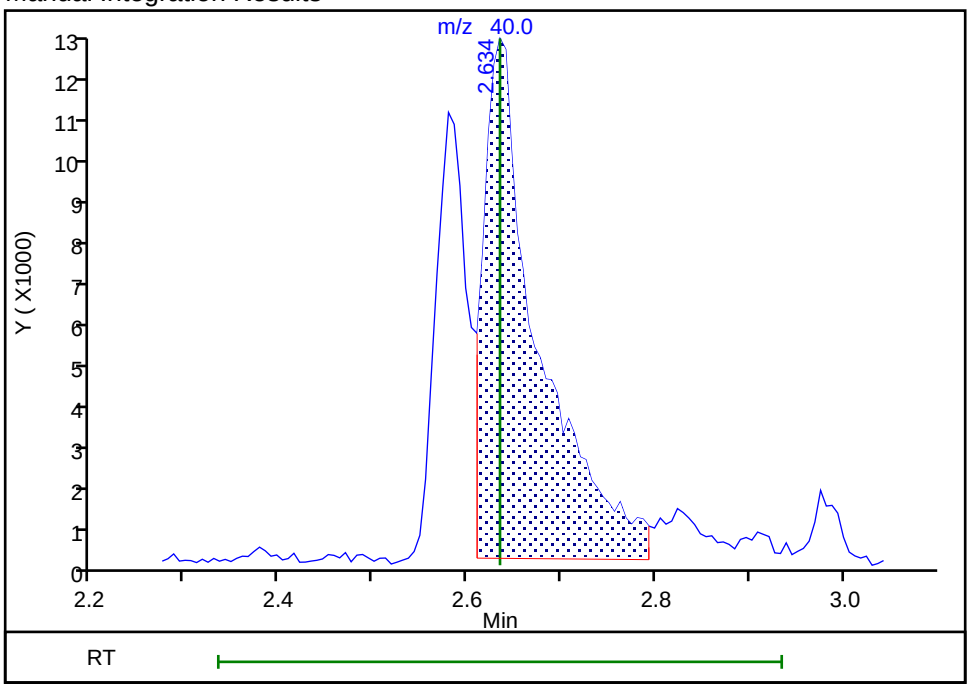
Processing Integration Results

RT: 2.58
Area: 24935
Amount: 200.2832
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 48781
Amount: 209.2440
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 12:38:38
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

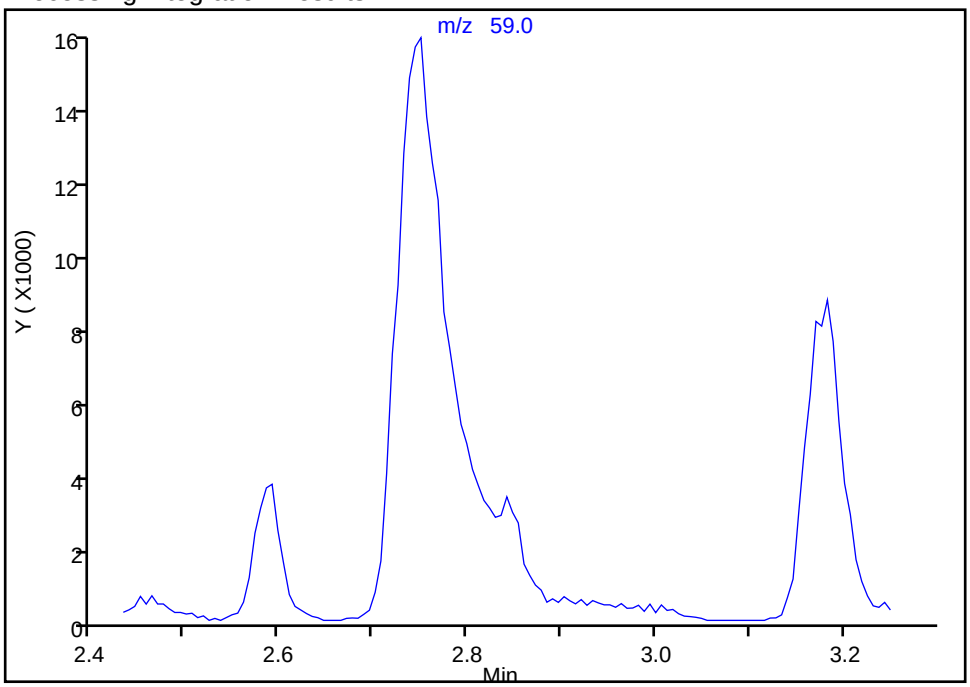
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

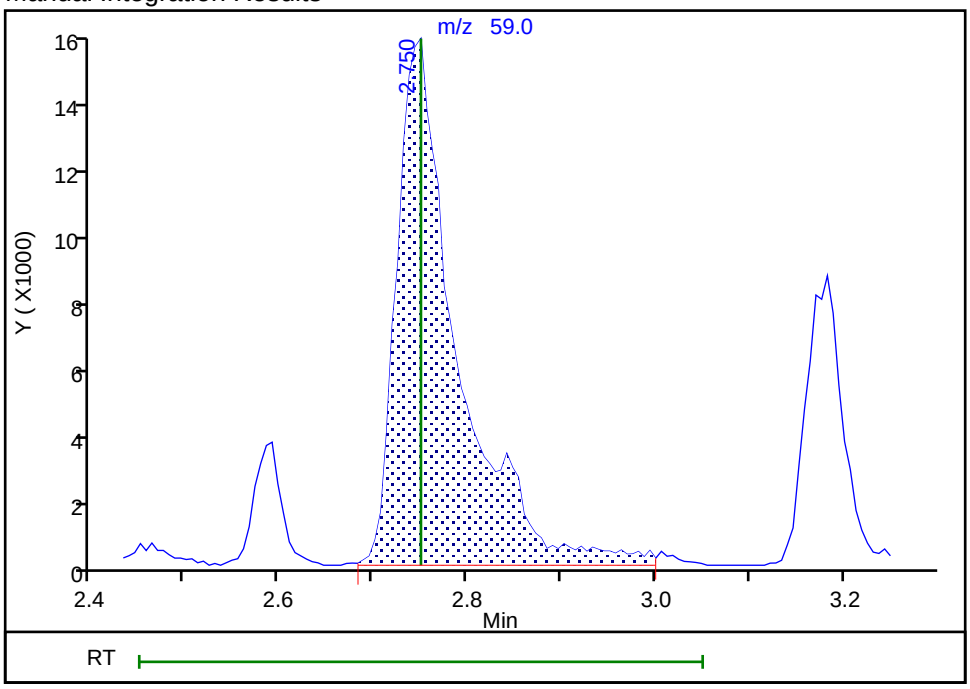
Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results

RT: 2.75
Area: 67402
Amount: 189.5419
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 12:38:25
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

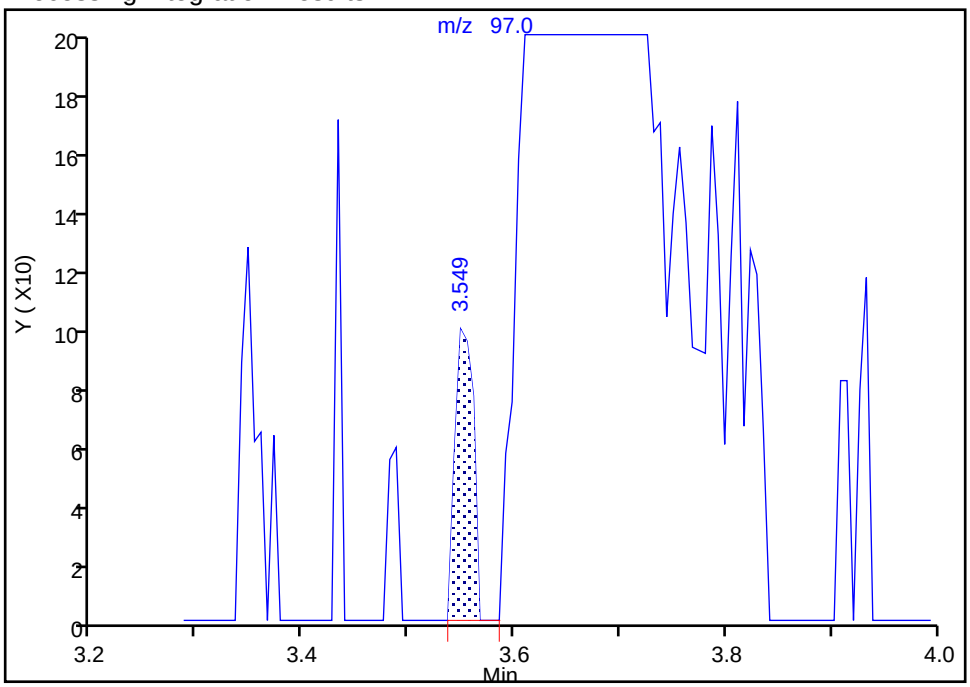
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

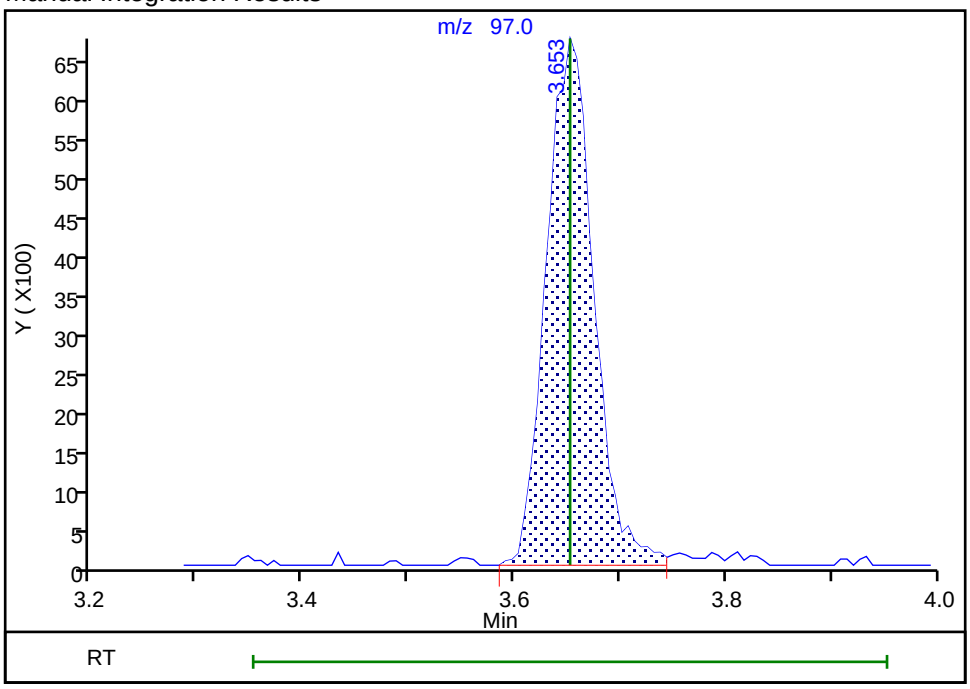
Processing Integration Results

RT: 3.55
Area: 116
Amount: 0.182745
Amount Units: ug/l



Manual Integration Results

RT: 3.65
Area: 20974
Amount: 17.751674
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 12:38:55
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

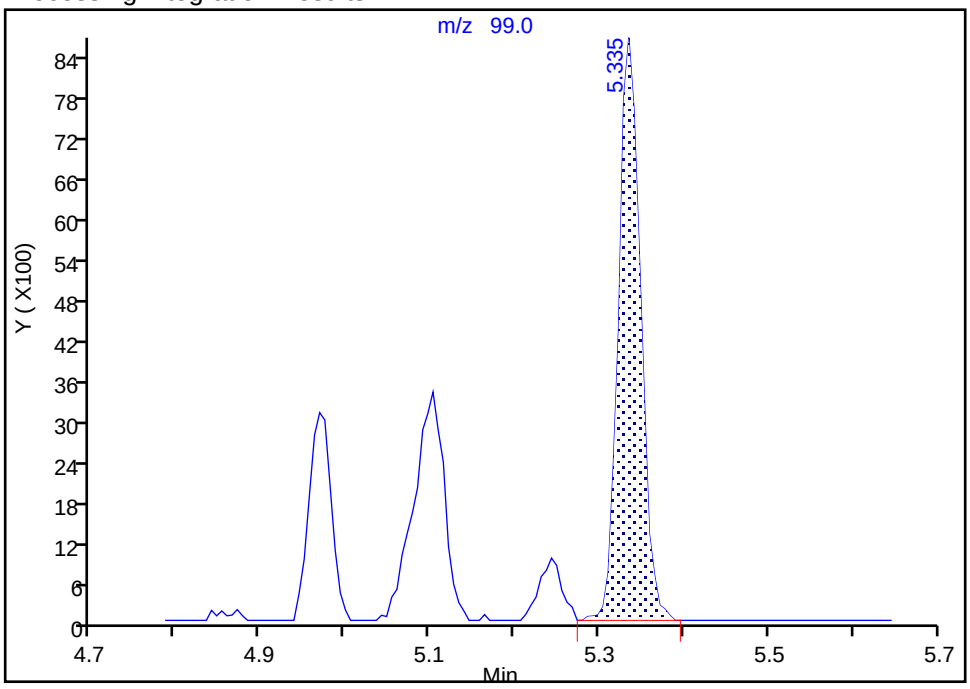
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

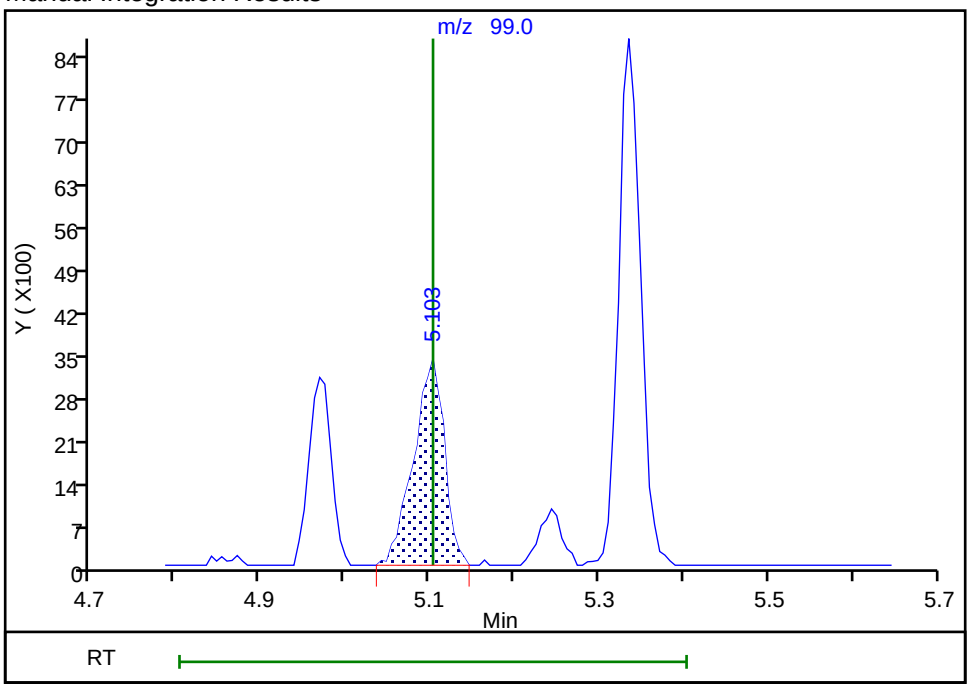
Processing Integration Results

RT: 5.34
Area: 15732
Amount: 29.381463
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 8527
Amount: 17.657652
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:24:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

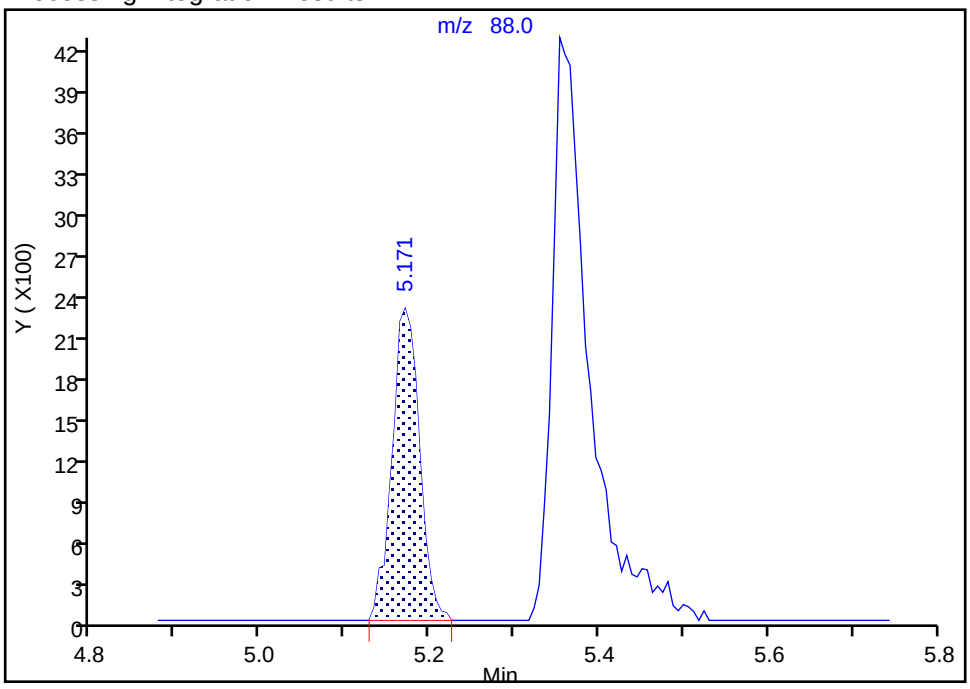
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127625.D
Injection Date: 06-Aug-2020 10:35:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

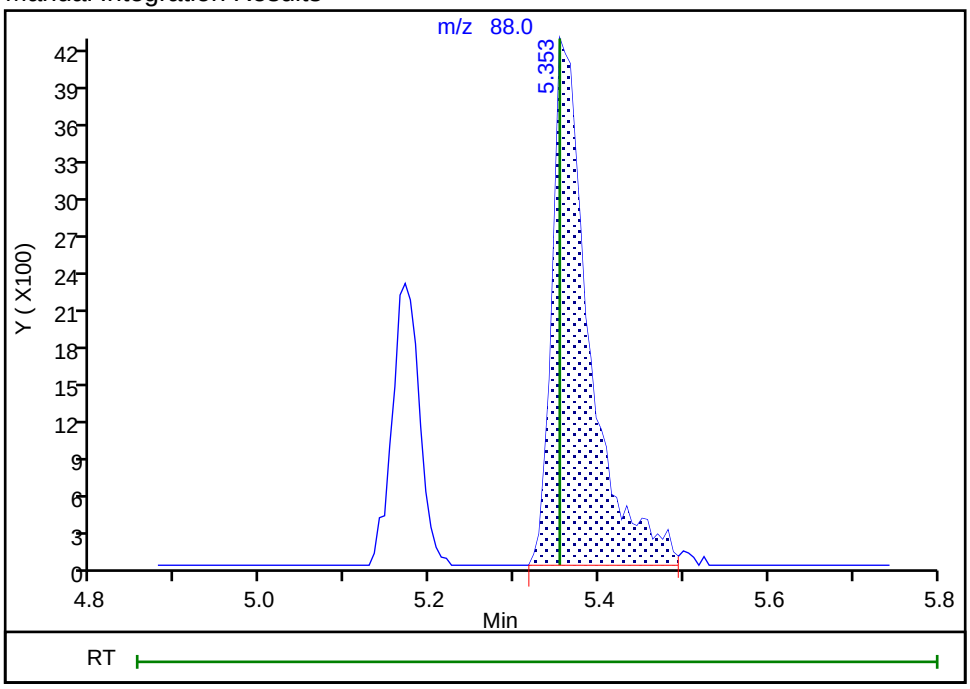
Processing Integration Results

RT: 5.17
Area: 5127
Amount: 271.3629
Amount Units: ug/l



Manual Integration Results

RT: 5.35
Area: 13022
Amount: 394.7528
Amount Units: ug/l



Reviewer: kluseys, 07-Aug-2020 07:31:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 06-Aug-2020 10:56:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0114599-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:45:20 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 13:58:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.220	-0.012	95	14959	50.0	50.6	
2 1,1-Difluoroethane	51	1.281	1.293	-0.012	98	164032	50.0	50.0	
3 Chlorotrifluoroethene	116	1.281	1.293	-0.012	56	69890	50.0	56.1	
4 Dichlorodifluoromethane	85	1.306	1.318	-0.012	99	260195	50.0	54.8	
5 Chlorodifluoromethane	51	1.324	1.336	-0.012	100	214248	50.0	48.6	
6 Chloromethane	50	1.446	1.458	-0.012	99	232876	50.0	50.0	
8 Butadiene	54	1.513	1.525	-0.012	95	210327	50.0	52.1	
7 Vinyl chloride	62	1.519	1.531	-0.012	98	233602	50.0	52.2	
9 Bromomethane	94	1.745	1.757	-0.012	99	165341	50.0	54.0	
10 Chloroethane	64	1.793	1.805	-0.012	99	124643	50.0	50.5	
11 Dichlorofluoromethane	67	1.946	1.958	-0.012	99	305543	50.0	55.8	
13 Pentane	72	1.958	1.970	-0.012	96	59027	100.0	105.5	
12 Trichlorofluoromethane	101	1.958	1.970	-0.012	98	249761	50.0	55.1	
14 Ethanol	46	2.104	2.116	-0.012	90	32785	2000.0	2036.4	
15 Ethyl ether	74	2.123	2.128	-0.006	95	79952	50.0	51.4	
16 2-Methyl-1,3-butadiene	53	2.135	2.147	-0.012	96	138360	50.0	50.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.177	2.183	-0.006	88	142099	50.0	54.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.220	2.232	-0.012	96	221302	50.0	50.2	a
19 Acrolein	56	2.263	2.275	-0.012	95	36398	100.0	85.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.287	2.299	-0.012	96	155413	50.0	53.4	a
21 1,1-Dichloroethene	96	2.305	2.311	-0.006	98	146829	50.0	48.9	
22 Acetone	43	2.372	2.378	-0.006	87	216536	250.0	253.5	
23 Iodomethane	142	2.433	2.439	-0.006	97	281878	50.0	52.0	
25 Isopropyl alcohol	45	2.446	2.464	-0.018	99	95496	500.0	443.7	
24 Carbon disulfide	76	2.464	2.476	-0.012	99	591353	50.0	51.1	
26 3-Chloro-1-propene	76	2.568	2.573	-0.005	93	91240	50.0	50.5	
27 Methyl acetate	43	2.580	2.586	-0.006	99	187675	100.0	106.2	
28 Cyclopentene	67	2.580	2.592	-0.012	92	371915	50.0	51.8	
29 Acetonitrile	40	2.629	2.634	-0.006	97	110531	500.0	523.3	a
* 31 TBA-d9 (IS)	66	2.671	2.683	-0.012	99	45624	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.683	2.689	-0.006	92	166831	50.0	47.0	
32 2-Methyl-2-propanol	59	2.738	2.750	-0.012	99	157522	500.0	467.5	a
33 Methyl tert-butyl ether	73	2.824	2.830	-0.006	97	362316	50.0	52.1	
34 trans-1,2-Dichloroethene	96	2.836	2.848	-0.012	95	147471	50.0	49.5	
35 Acrylonitrile	53	2.903	2.915	-0.012	95	525441	500.0	516.8	
36 Hexane	57	2.976	2.982	-0.006	93	201576	50.0	53.4	
37 Isopropyl ether	45	3.171	3.177	-0.006	97	441687	50.0	51.6	
38 1,1-Dichloroethane	63	3.189	3.195	-0.006	99	245299	50.0	50.5	
39 Vinyl acetate	86	3.208	3.214	-0.006	100	54646	100.0	99.5	
40 2-Chloro-1,3-butadiene	88	3.232	3.238	-0.006	90	125322	50.0	53.0	
41 Tert-butyl ethyl ether	59	3.458	3.457	0.001	89	396849	50.0	51.4	
* 42 2-Butanone-d5	46	3.628	3.634	-0.006	100	268555	250.0	250.0	
43 2,2-Dichloropropane	97	3.647	3.653	-0.006	87	49228	50.0	45.6	
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	98	156140	50.0	49.2	
45 2-Butanone (MEK)	72	3.677	3.683	-0.006	100	78766	250.0	248.6	
46 Ethyl acetate	70	3.689	3.695	-0.006	97	28759	100.0	104.1	
47 Methyl acrylate	55	3.732	3.738	-0.006	100	113253	50.0	51.2	
48 Propionitrile	54	3.799	3.805	-0.006	99	200810	500.0	467.0	
50 Tetrahydrofuran	72	3.866	3.872	-0.006	96	35305	100.0	105.3	
49 Chlorobromomethane	128	3.866	3.872	-0.006	92	77290	50.0	49.6	
51 Methacrylonitrile	67	3.890	3.896	-0.006	93	552341	500.0	519.7	
52 Chloroform	83	3.915	3.921	-0.006	99	225685	50.0	50.9	
53 Cyclohexane	84	4.031	4.037	-0.006	90	233311	50.0	51.5	
54 1,1,1-Trichloroethane	97	4.049	4.049	0.000	98	205927	50.0	49.3	
$ 55 Dibromofluoromethane (Surr)	113	4.061	4.067	-0.006	97	121366	50.0	51.1	
56 Carbon tetrachloride	117	4.153	4.159	-0.006	97	179625	50.0	50.8	
57 1,1-Dichloropropene	75	4.183	4.189	-0.006	97	177455	50.0	50.9	
58 Isobutyl alcohol	43	4.317	4.329	-0.012	93	279430	1250.0	1188.2	
59 Isooctane	57	4.348	4.348	0.000	99	569190	50.0	52.3	a
60 Benzene	78	4.366	4.366	0.000	97	519832	50.0	48.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	96	126927	50.0	49.2	
62 Tert-amyl methyl ether	73	4.439	4.445	-0.006	90	457214	50.0	53.1	
63 Isopropyl acetate	61	4.445	4.451	-0.006	96	67118	50.0	49.7	
64 1,2-Dichloroethane	62	4.451	4.457	-0.006	96	159393	50.0	48.6	
65 n-Heptane	100	4.518	4.524	-0.006	92	39316	50.0	54.2	
* 66 Fluorobenzene	96	4.634	4.640	-0.006	99	465596	50.0	50.0	
67 n-Butanol	56	4.945	4.951	-0.006	87	99258	1250.0	1111.9	
68 Trichloroethene	95	4.963	4.969	-0.006	98	129530	50.0	48.3	
69 Methylcyclohexane	83	5.079	5.085	-0.006	96	274235	50.0	52.0	
70 Ethyl acrylate	99	5.104	5.103	0.001	98	21477	50.0	48.8	a
71 1,2-Dichloropropane	63	5.238	5.244	-0.006	91	128855	50.0	50.3	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	88	25670	1000.0	1000.0	
73 Methyl methacrylate	100	5.335	5.335	0.000	89	68588	100.0	105.4	
75 1,4-Dioxane	88	5.354	5.353	0.001	36	30966	1000.0	1052.7	a
74 Dibromomethane	93	5.360	5.360	0.000	96	79103	50.0	48.5	
76 n-Propyl acetate	43	5.390	5.396	-0.006	98	163322	50.0	51.3	
77 Dichlorobromomethane	83	5.506	5.512	-0.006	100	165030	50.0	48.1	
78 2-Nitropropane	41	5.841	5.841	0.000	99	64266	100.0	96.6	
79 2-Chloroethyl vinyl ether	63	5.847	5.847	0.000	84	81370	50.1	50.5	
80 Epichlorohydrin	57	5.939	5.945	-0.006	99	270154	1000.0	1039.2	
81 cis-1,3-Dichloropropene	75	5.988	5.994	-0.006	92	214887	50.0	51.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	96	621660	250.0	254.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.219	6.225	-0.006	99	450919	50.0	50.2	
84 Toluene	91	6.292	6.298	-0.006	93	536483	50.0	49.3	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	96	191975	50.0	49.0	
86 Ethyl methacrylate	69	6.695	6.695	0.000	90	160442	50.0	48.8	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	96	97183	50.0	47.7	
88 Tetrachloroethene	166	6.878	6.878	0.000	97	135795	50.0	49.8	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	94	187009	50.0	50.3	
90 2-Hexanone	43	7.134	7.134	0.000	96	389334	250.0	256.0	
91 n-Butyl acetate	43	7.256	7.255	0.001	99	181923	50.0	49.7	
92 Chlorodibromomethane	129	7.268	7.268	0.000	98	124637	50.0	50.8	
93 Ethylene Dibromide	107	7.408	7.408	0.000	99	115473	50.0	50.5	
* 94 Chlorobenzene-d5	117	7.945	7.950	-0.005	86	350995	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	95	347025	50.0	51.0	
96 Ethylbenzene	106	8.097	8.097	0.000	98	189549	50.0	49.9	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	95	138112	50.0	51.5	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	96	233364	50.0	50.3	
99 o-Xylene	106	8.768	8.767	0.001	94	244470	50.0	51.0	
100 n-Butyl acrylate	73	8.786	8.792	-0.006	98	100529	50.0	48.9	
101 Styrene	104	8.804	8.804	0.000	95	375500	50.0	50.3	
102 Bromoform	173	9.054	9.060	-0.006	96	80100	50.0	50.1	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	91	218694	50.0	52.6	
104 Isopropylbenzene	105	9.237	9.237	0.000	96	662391	50.0	52.0	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	132791	50.0	48.6	
106 Bromobenzene	156	9.615	9.615	0.000	98	146094	50.0	50.9	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	98	158895	50.0	52.2	
108 N-Propylbenzene	91	9.725	9.725	0.001	99	752600	50.0	53.1	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	97	42672	50.0	51.7	
110 trans-1,4-Dichloro-2-butene	53	9.786	9.785	0.001	92	34940	50.0	57.5	
111 2-Chlorotoluene	91	9.834	9.834	0.000	96	495205	50.0	53.5	
112 4-Ethyltoluene	105	9.865	9.865	0.000	98	598737	50.0	52.3	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	92	551047	50.0	54.0	
114 4-Chlorotoluene	91	9.969	9.968	0.001	98	459591	50.0	51.9	
115 Butyl Methacrylate	87	10.084	10.084	0.000	91	180530	50.0	52.3	
116 tert-Butylbenzene	119	10.261	10.261	0.000	96	458211	50.0	54.1	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	98	549533	50.0	52.9	
118 sec-Butylbenzene	105	10.487	10.487	0.000	99	739216	50.0	54.5	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	281203	50.0	50.8	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	98	619324	50.0	54.7	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	95	175122	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	95	275096	50.0	50.5	
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	99	566030	50.0	52.5	
124 Benzyl chloride	91	10.865	10.865	0.000	99	308706	50.0	49.8	
125 2,3-Dihydroindene	117	10.920	10.919	0.001	95	534904	50.0	51.4	
126 p-Diethylbenzene	119	10.999	10.999	0.000	93	317471	50.0	51.4	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	320340	50.0	53.2	
128 1,2-Dichlorobenzene	146	11.054	11.054	0.000	96	279767	50.0	50.2	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	98	643734	50.0	52.4	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	96	38093	50.0	51.6	
131 1,3,5-Trichlorobenzene	180	11.877	11.877	0.000	98	272048	50.0	50.8	
132 1,2,4-Trichlorobenzene	180	12.383	12.389	-0.006	94	268949	50.0	52.4	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	95	117873	50.0	55.6	
134 Naphthalene	128	12.578	12.578	0.000	99	653153	50.0	52.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	96	256158	50.0	52.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	98.8	
S 137 Xylenes, Total	100				0		100.0	101.3	
S 140 Total BTEX	1				0		250.0	249.4	
S 139 1,3-Dichloropropene, Total	1				0		100.0	100.1	
S 138 Total 1,2-dichloroethene	1				0			98.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00380	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	50.00	Units: uL	
524freon_00025	Amount Added:	50.00	Units: uL	
ACROLEIN W_00110	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:45:21 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D

Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17

Lims ID: STD50

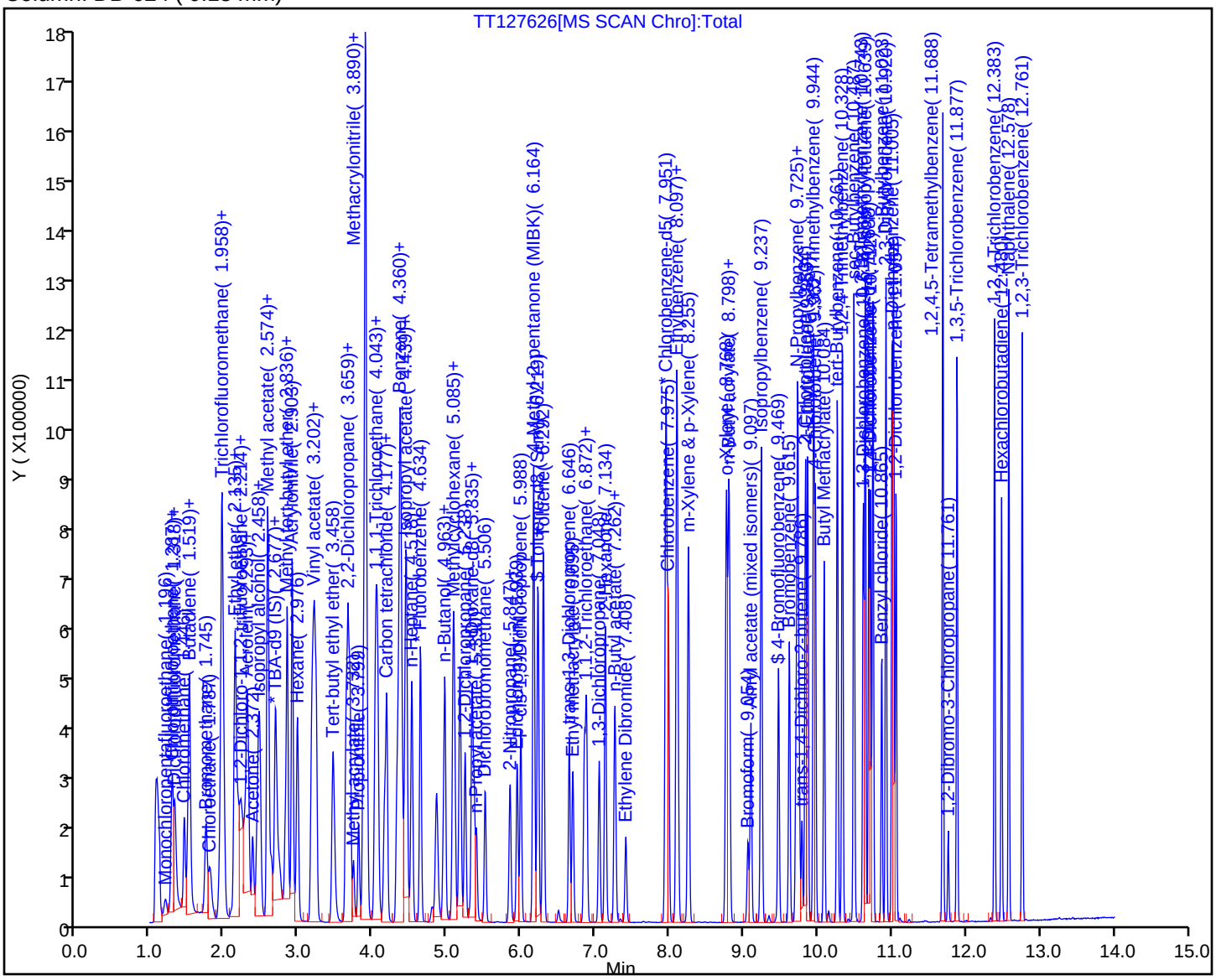
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

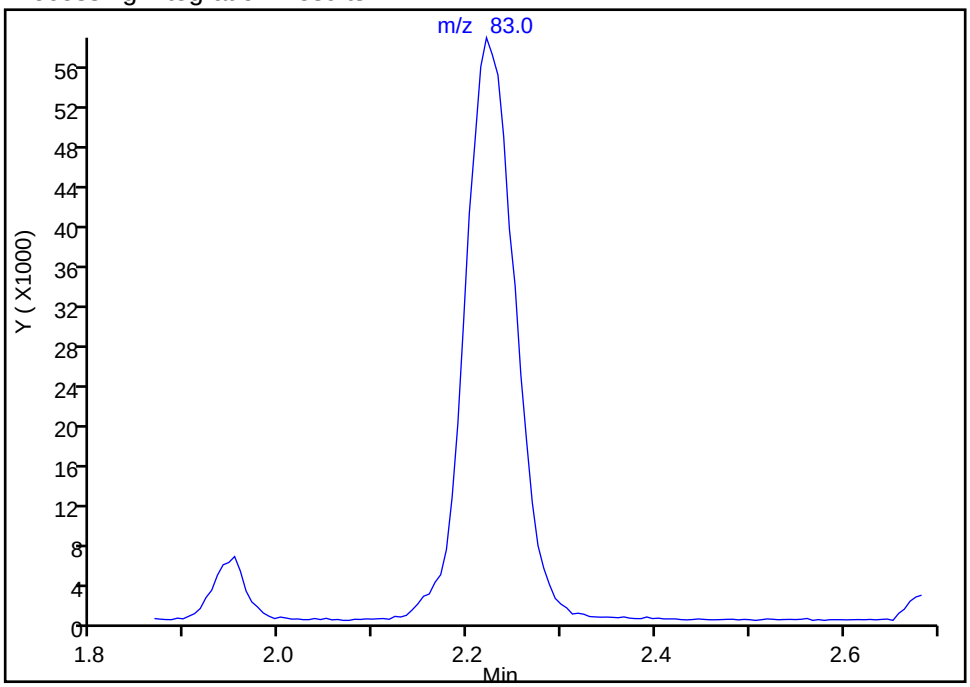
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

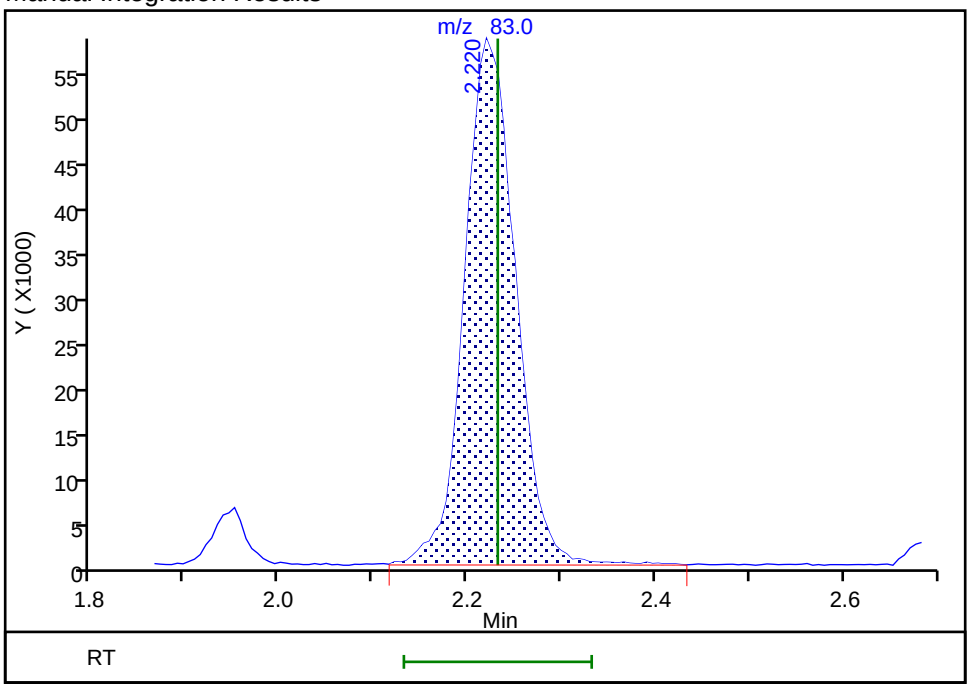
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.22
Area: 221302
Amount: 50.232272
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:57:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

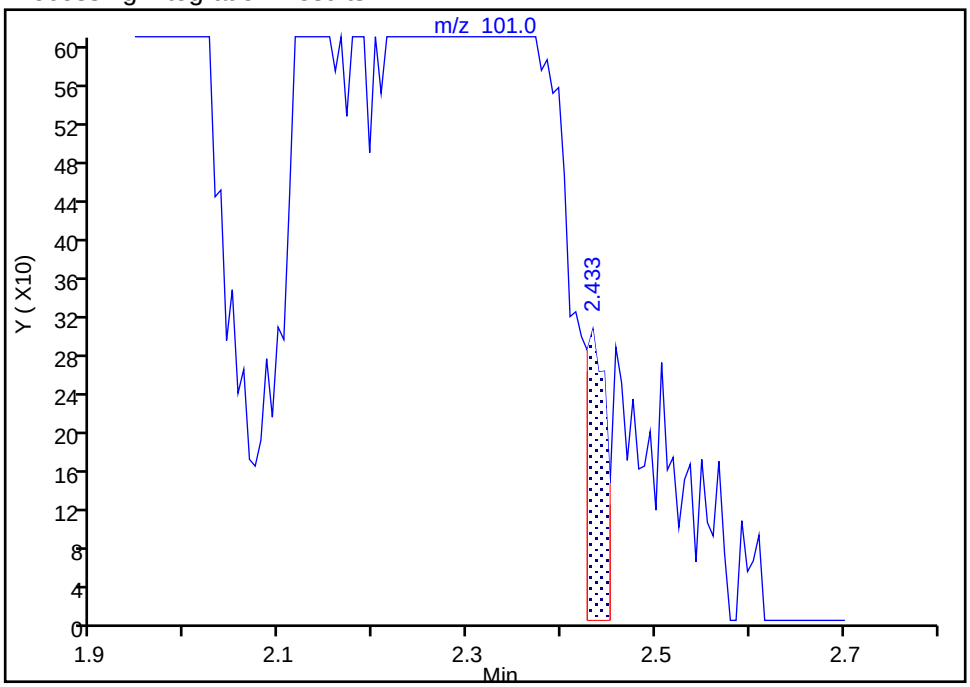
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

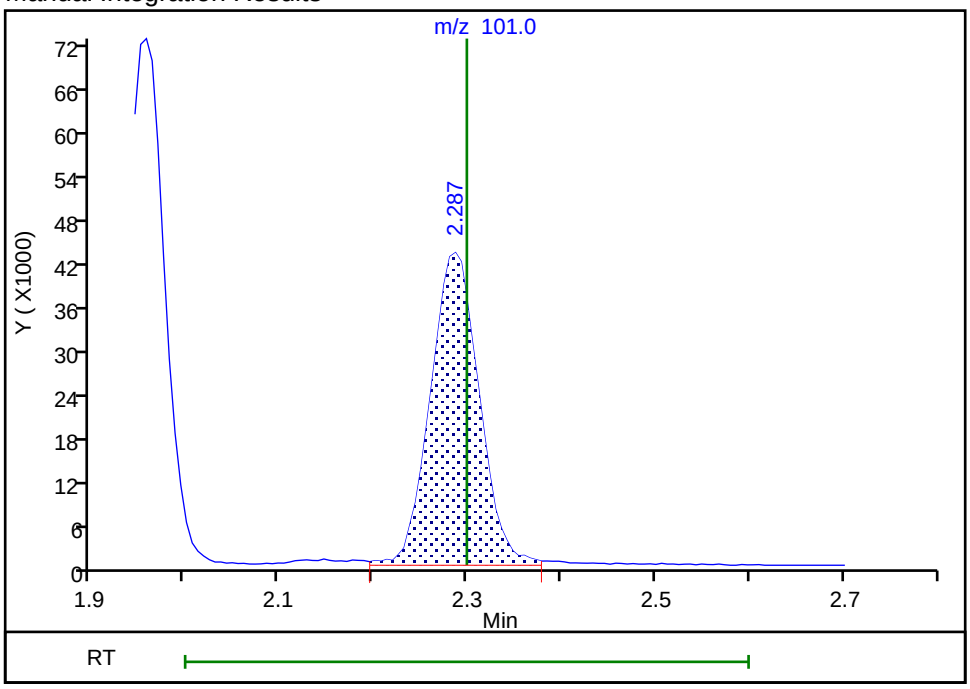
Processing Integration Results

RT: 2.43
Area: 456
Amount: 0.218970
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 155413
Amount: 53.360492
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:57:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

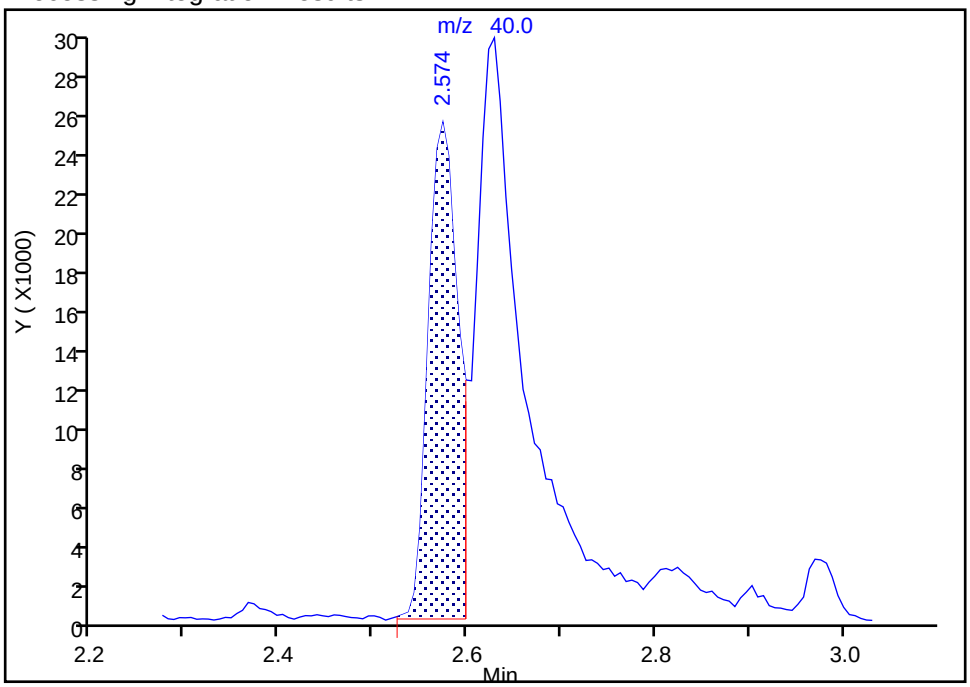
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

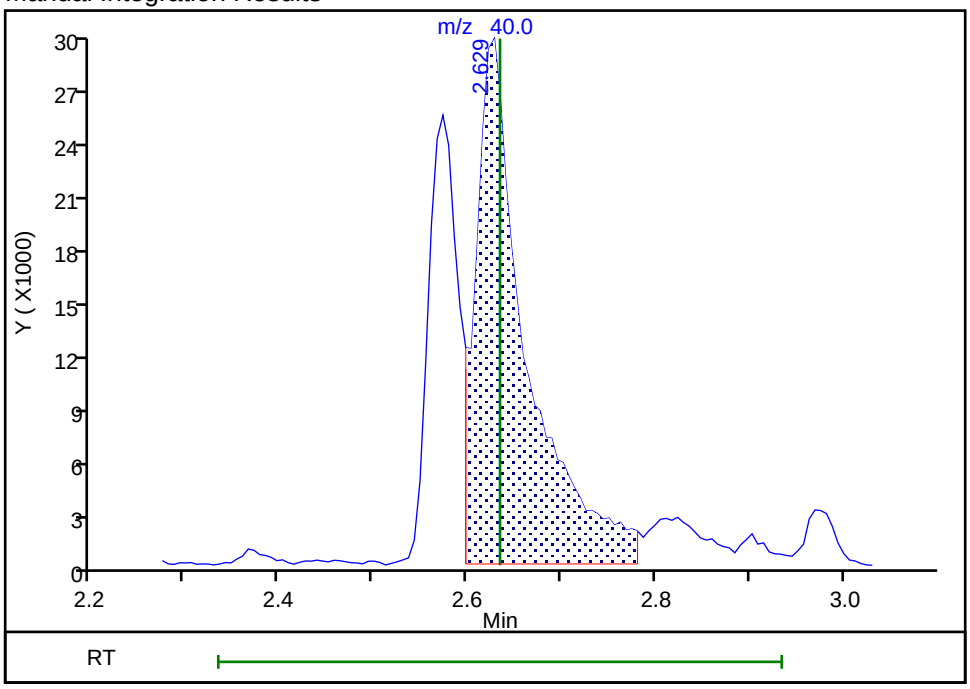
Processing Integration Results

RT: 2.57
Area: 55597
Amount: 508.3782
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 110531
Amount: 523.3299
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:28:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

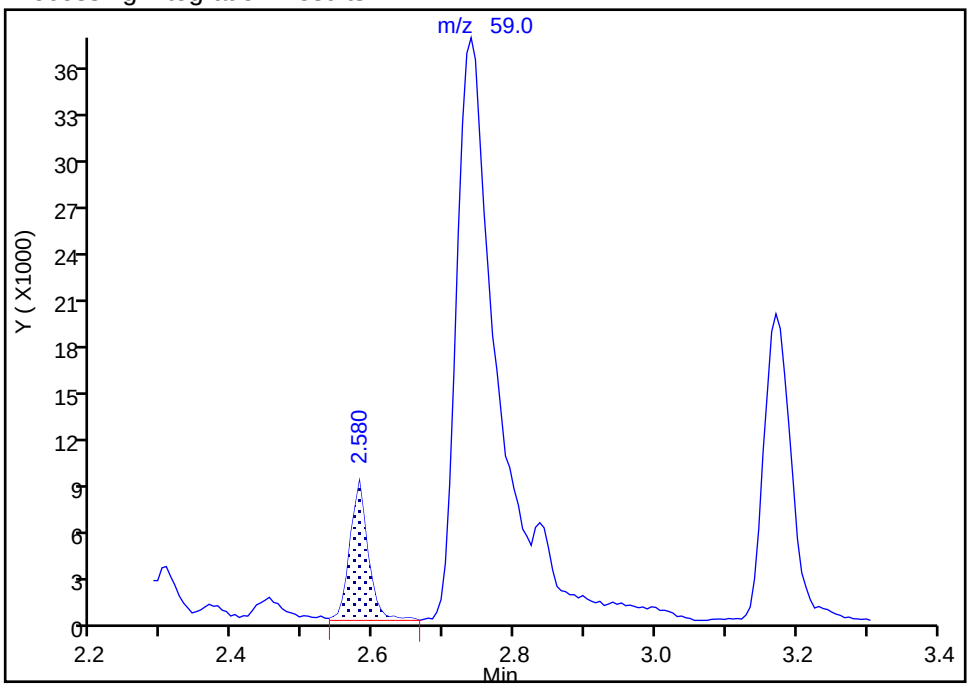
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

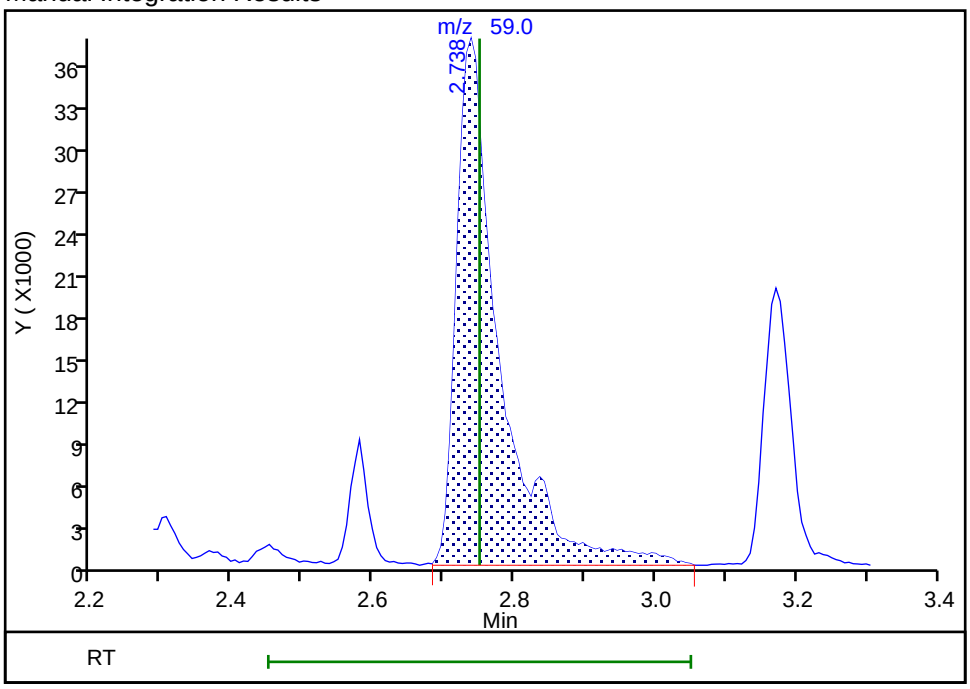
Processing Integration Results

RT: 2.58
Area: 15816
Amount: 51.254822
Amount Units: ug/l



Manual Integration Results

RT: 2.74
Area: 157522
Amount: 467.5043
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:26:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

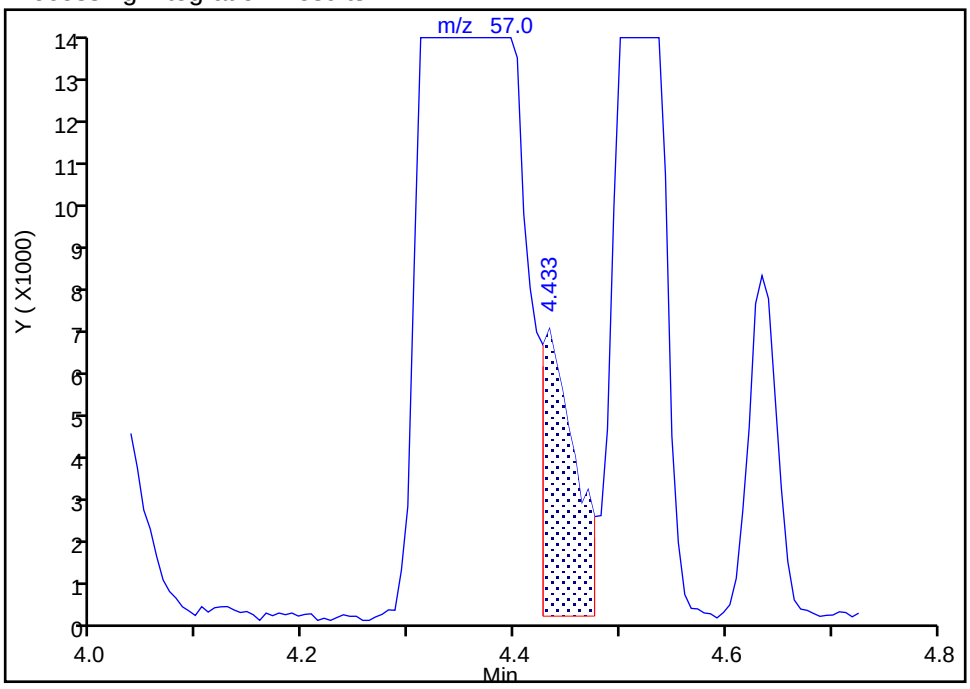
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isooctane, CAS: 540-84-1

Signal: 1

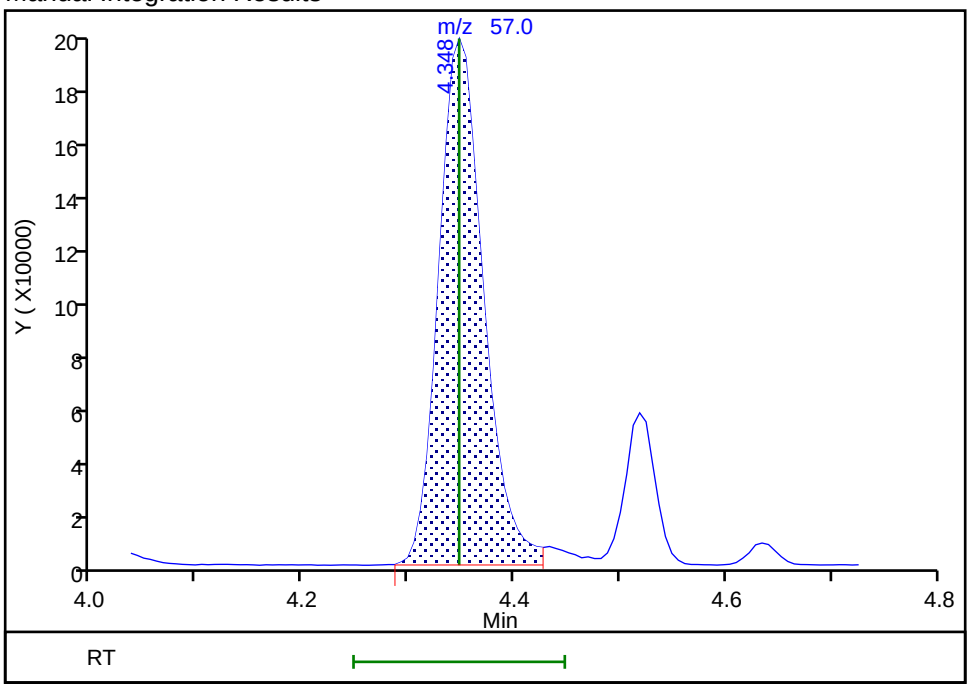
Processing Integration Results

RT: 4.43
Area: 14904
Amount: 2.373714
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 569190
Amount: 52.339804
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 14:05:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

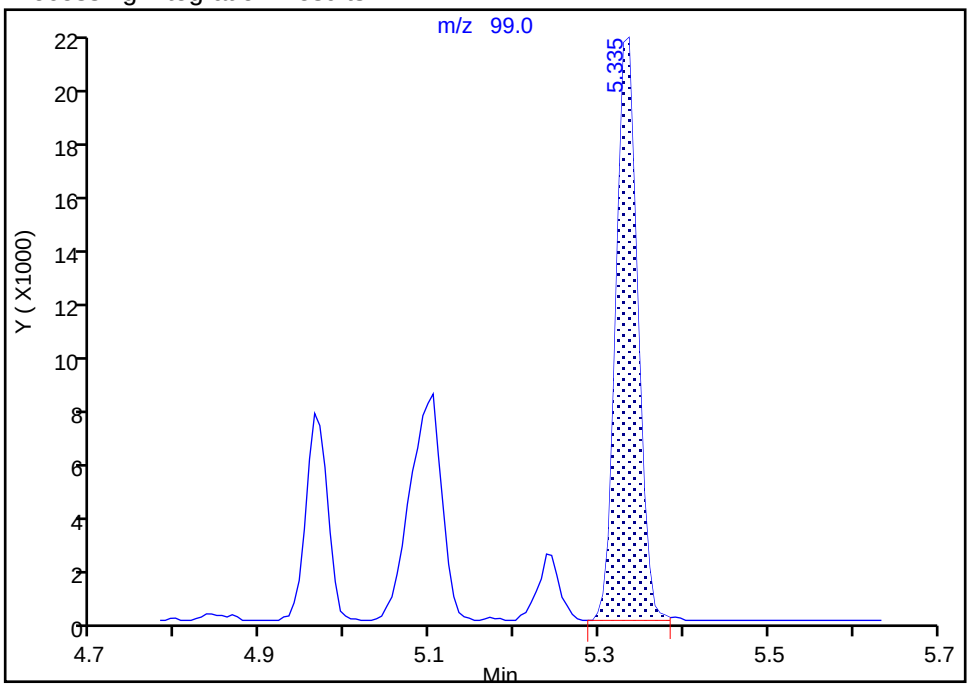
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

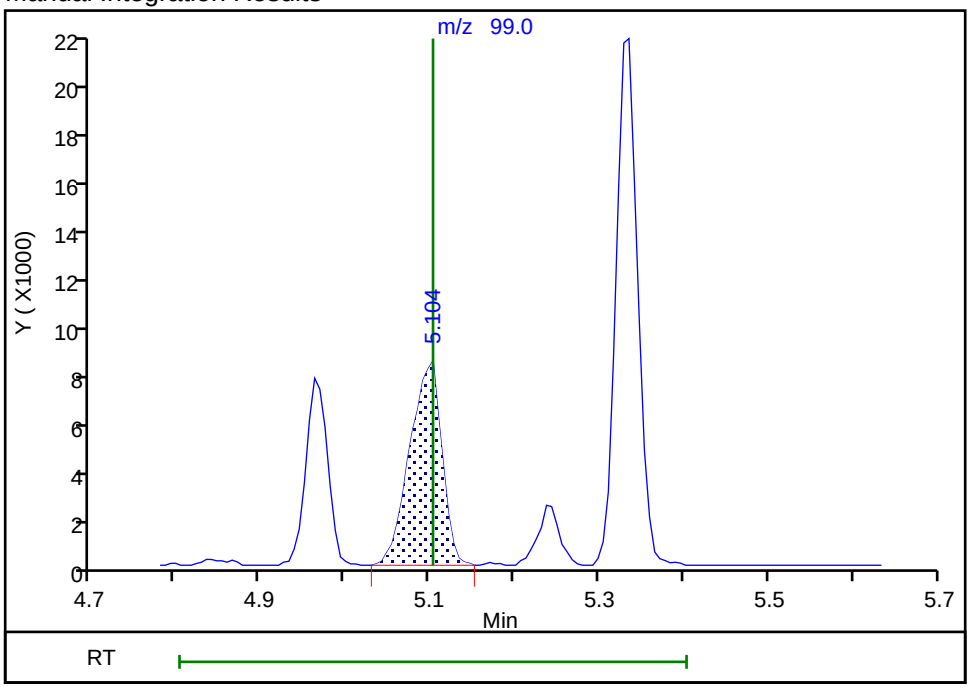
Processing Integration Results

RT: 5.34
Area: 37640
Amount: 79.202174
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 21477
Amount: 48.825652
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:29:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

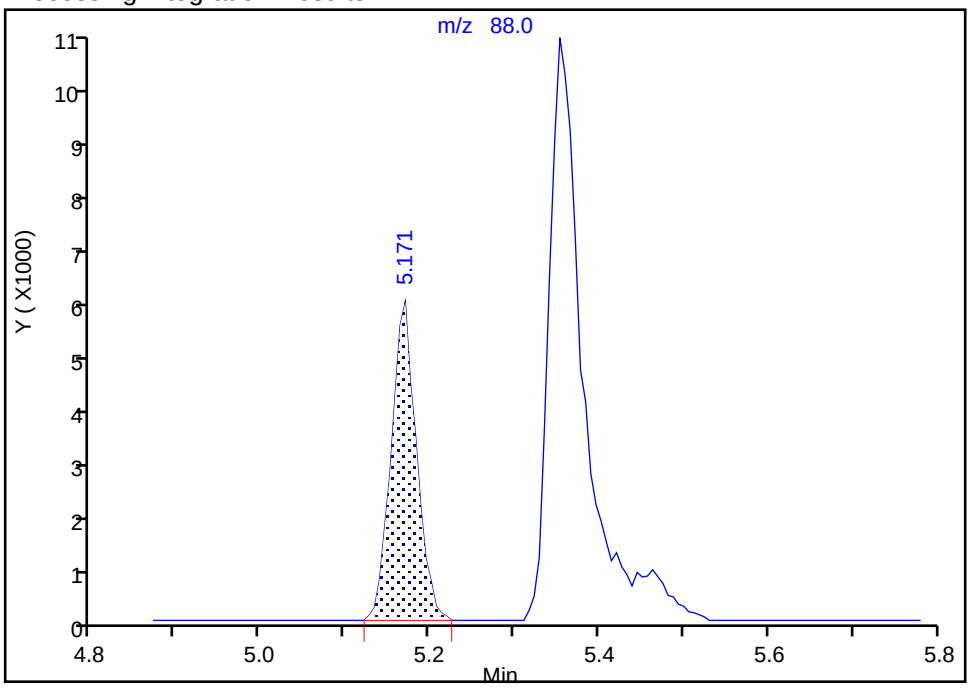
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127626.D
Injection Date: 06-Aug-2020 10:56:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

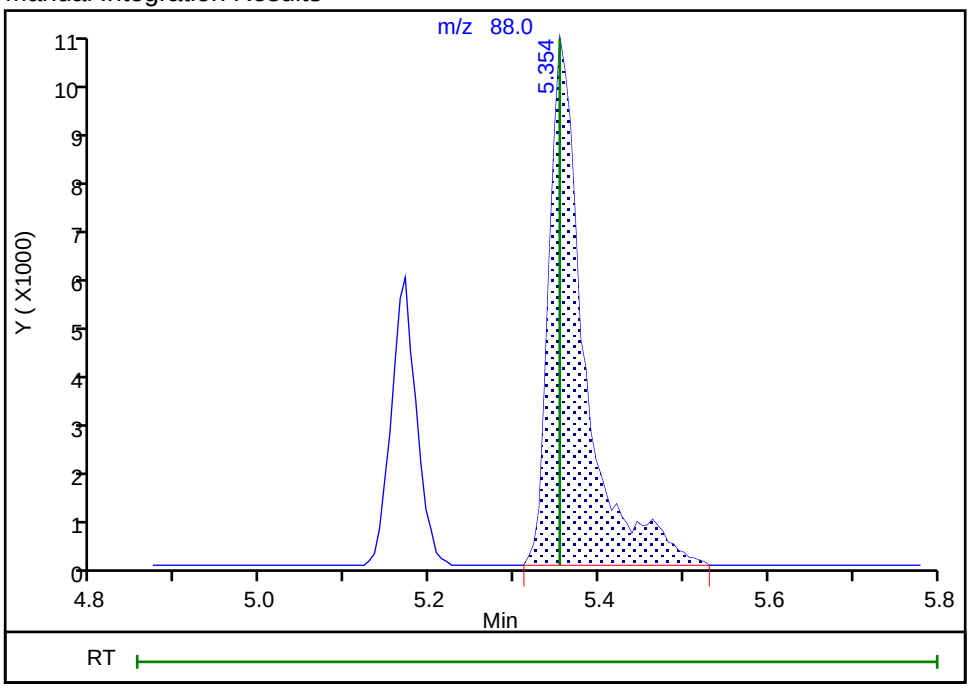
Processing Integration Results

RT: 5.17
Area: 11944
Amount: 458.4698
Amount Units: ug/l



Manual Integration Results

RT: 5.35
Area: 30966
Amount: 1052.6601
Amount Units: ug/l



Reviewer: kluseys, 07-Aug-2020 07:33:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127627.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 06-Aug-2020 11:17:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0114599-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:45:37 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 13:08:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.202	1.220	-0.018	92	52555	200.0	198.2	
2 1,1-Difluoroethane	51	1.281	1.293	-0.012	97	656670	200.0	225.1	
3 Chlorotrifluoroethene	116	1.275	1.293	-0.018	88	276045	200.0	248.9	
4 Dichlorodifluoromethane	85	1.306	1.318	-0.012	99	918452	200.0	217.6	
5 Chlorodifluoromethane	51	1.318	1.336	-0.018	100	931708	200.0	237.4	
6 Chloromethane	50	1.446	1.458	-0.012	99	825929	200.0	199.2	
8 Butadiene	54	1.513	1.525	-0.012	96	698173	200.0	194.6	
7 Vinyl chloride	62	1.519	1.531	-0.012	98	811126	200.0	203.8	
9 Bromomethane	94	1.738	1.757	-0.019	99	558729	200.0	204.5	
10 Chloroethane	64	1.793	1.805	-0.012	100	413963	200.0	188.0	
11 Dichlorofluoromethane	67	1.946	1.958	-0.012	99	1018288	200.0	209.1	
13 Pentane	72	1.958	1.970	-0.012	96	197796	400.0	397.4	
12 Trichlorofluoromethane	101	1.958	1.970	-0.012	98	834388	200.0	206.7	
14 Ethanol	46	2.116	2.116	0.000	98	116152	8000.0	8901.2	
15 Ethyl ether	74	2.116	2.128	-0.012	94	272380	200.0	196.7	
16 2-Methyl-1,3-butadiene	53	2.135	2.147	-0.012	97	468433	200.0	192.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.177	2.183	-0.006	89	481978	200.0	206.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.220	2.232	-0.012	95	752444	200.0	192.0	a
19 Acrolein	56	2.263	2.275	-0.012	94	71015	200.0	204.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.287	2.299	-0.012	97	528252	200.0	203.9	
21 1,1-Dichloroethene	96	2.305	2.311	-0.006	98	495280	200.0	185.5	
22 Acetone	43	2.372	2.378	-0.006	87	778086	1000.0	1020.7	
23 Iodomethane	142	2.433	2.439	-0.006	97	957185	200.0	198.7	
25 Isopropyl alcohol	45	2.452	2.464	-0.012	97	311107	2000.0	1783.4	
24 Carbon disulfide	76	2.464	2.476	-0.012	99	1994035	200.0	193.7	
26 3-Chloro-1-propene	76	2.568	2.573	-0.005	91	303502	200.0	188.8	
27 Methyl acetate	43	2.574	2.586	-0.012	99	632055	400.0	402.1	
28 Cyclopentene	67	2.580	2.592	-0.012	93	1213196	200.0	190.1	
29 Acetonitrile	40	2.629	2.634	-0.006	99	369399	2000.0	1989.1	a
* 31 TBA-d9 (IS)	66	2.677	2.683	-0.006	43	36980	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.683	2.689	-0.006	91	567773	200.0	179.6	
32 2-Methyl-2-propanol	59	2.738	2.750	-0.012	96	536375	2000.0	1964.0	a
33 Methyl tert-butyl ether	73	2.817	2.830	-0.013	97	1186278	200.0	191.8	
34 trans-1,2-Dichloroethene	96	2.836	2.848	-0.012	95	491713	200.0	185.7	
35 Acrylonitrile	53	2.903	2.915	-0.012	95	1748025	2000.0	1932.7	
36 Hexane	57	2.976	2.982	-0.006	93	640061	200.0	190.5	
37 Isopropyl ether	45	3.171	3.177	-0.006	97	1460984	200.0	191.9	
38 1,1-Dichloroethane	63	3.189	3.195	-0.006	99	831998	200.0	192.5	
39 Vinyl acetate	86	3.208	3.214	-0.006	100	176945	400.0	361.1	
40 2-Chloro-1,3-butadiene	88	3.232	3.238	-0.006	90	415683	200.0	197.7	
41 Tert-butyl ethyl ether	59	3.458	3.457	0.001	89	1322103	200.0	192.5	
* 42 2-Butanone-d5	46	3.634	3.634	0.000	94	239624	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	97	173528	200.0	180.6	
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	99	541157	200.0	191.8	
45 2-Butanone (MEK)	72	3.683	3.683	0.000	98	278280	1000.0	984.4	
46 Ethyl acetate	70	3.683	3.695	-0.012	97	96679	400.0	398.0	
47 Methyl acrylate	55	3.732	3.738	-0.006	100	382837	200.0	194.7	
48 Propionitrile	54	3.799	3.805	-0.006	98	686882	2000.0	1971.0	
50 Tetrahydrofuran	72	3.866	3.872	-0.006	69	120275	400.0	402.0	
49 Chlorobromomethane	128	3.866	3.872	-0.006	83	272087	200.0	196.4	
51 Methacrylonitrile	67	3.897	3.896	0.001	92	1811331	2000.0	1916.0	
52 Chloroform	83	3.915	3.921	-0.006	99	740385	200.0	187.8	
53 Cyclohexane	84	4.031	4.037	-0.006	91	791694	200.0	196.5	
54 1,1,1-Trichloroethane	97	4.049	4.049	0.000	99	707689	200.0	190.4	
$ 55 Dibromofluoromethane (Surr)	113	4.061	4.067	-0.006	98	102065	50.0	48.3	
56 Carbon tetrachloride	117	4.153	4.159	-0.006	97	630816	200.0	200.7	
57 1,1-Dichloropropene	75	4.183	4.189	-0.006	97	610866	200.0	197.1	
58 Isobutyl alcohol	43	4.317	4.329	-0.012	95	970899	5000.0	5093.5	
59 Isooctane	57	4.348	4.348	0.000	99	2011999	200.0	208.0	
60 Benzene	78	4.366	4.366	0.000	96	1776641	200.0	171.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	86	116580	50.0	50.8	
62 Tert-amyl methyl ether	73	4.439	4.445	-0.006	94	1475055	200.0	192.7	
63 Isopropyl acetate	61	4.445	4.451	-0.006	94	223887	200.0	186.2	
64 1,2-Dichloroethane	62	4.451	4.457	-0.006	97	540185	200.0	185.1	
65 n-Heptane	100	4.518	4.524	-0.006	92	124596	200.0	193.2	
* 66 Fluorobenzene	96	4.634	4.640	-0.006	99	414175	50.0	50.0	
67 n-Butanol	56	4.945	4.951	-0.006	87	375581	5000.0	5190.7	
68 Trichloroethene	95	4.963	4.969	-0.006	98	468027	200.0	196.2	
69 Methylcyclohexane	83	5.079	5.085	-0.006	94	961651	200.0	204.8	a
70 Ethyl acrylate	99	5.098	5.103	-0.005	98	77275	200.0	200.9	
71 1,2-Dichloropropane	63	5.244	5.244	0.000	91	447988	200.0	196.6	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	89	26724	1000.0	1000.0	
73 Methyl methacrylate	100	5.335	5.335	0.000	89	247206	400.0	426.9	
75 1,4-Dioxane	88	5.354	5.353	0.001	92	113466	4000.0	3705.0	
74 Dibromomethane	93	5.360	5.360	0.000	97	282285	200.0	194.4	
76 n-Propyl acetate	43	5.390	5.396	-0.006	99	582504	200.0	205.8	
77 Dichlorobromomethane	83	5.512	5.512	0.000	100	603126	200.0	197.5	
78 2-Nitropropane	41	5.841	5.841	0.000	98	243299	400.0	401.6	
79 2-Chloroethyl vinyl ether	63	5.847	5.847	0.000	97	301853	200.5	210.6	
80 Epichlorohydrin	57	5.945	5.945	0.000	99	1002116	4000.0	4320.3	
81 cis-1,3-Dichloropropene	75	5.994	5.994	0.000	92	777620	200.0	189.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	96	2210633	1000.0	1014.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.225	0.000	99	406358	50.0	46.4	
84 Toluene	91	6.299	6.298	0.001	93	1930666	200.0	182.0	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	97	722465	200.0	189.1	
86 Ethyl methacrylate	69	6.695	6.695	0.000	90	597724	200.0	186.4	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	97	354292	200.0	178.4	
88 Tetrachloroethene	166	6.878	6.878	0.000	98	489663	200.0	184.1	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	94	696428	200.0	191.9	
90 2-Hexanone	43	7.134	7.134	0.000	96	1431952	1000.0	1055.2	
91 n-Butyl acetate	43	7.256	7.255	0.001	99	642622	200.0	179.9	
92 Chlorodibromomethane	129	7.268	7.268	0.000	98	466191	200.0	194.6	
93 Ethylene Dibromide	107	7.408	7.408	0.000	99	425771	200.0	191.1	
* 94 Chlorobenzene-d5	117	7.945	7.950	-0.005	87	342420	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	95	1307616	200.0	197.0	
96 Ethylbenzene	106	8.097	8.097	0.000	98	688055	200.0	185.7	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	96	488519	200.0	186.7	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	96	845647	200.0	186.7	
99 o-Xylene	106	8.768	8.767	0.001	94	916614	200.0	196.0	
100 n-Butyl acrylate	73	8.792	8.792	0.000	98	347690	200.0	173.4	
101 Styrene	104	8.804	8.804	0.000	95	1372992	200.0	188.6	
102 Bromoform	173	9.060	9.060	0.000	97	312175	200.0	200.0	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	91	762262	200.0	199.4	
104 Isopropylbenzene	105	9.237	9.237	0.000	96	2393163	200.0	192.4	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	128654	50.0	48.2	
106 Bromobenzene	156	9.615	9.615	0.000	98	555951	200.0	210.6	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	99	578952	200.0	206.6	
108 N-Propylbenzene	91	9.731	9.725	0.007	99	2681054	200.0	205.7	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	98	150373	200.0	198.0	
110 trans-1,4-Dichloro-2-butene	53	9.786	9.785	0.001	94	132951	200.0	237.8	
111 2-Chlorotoluene	91	9.834	9.834	0.000	96	1756219	200.0	206.1	
112 4-Ethyltoluene	105	9.865	9.865	0.000	98	2047815	200.0	194.4	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	93	1930011	200.0	205.6	
114 4-Chlorotoluene	91	9.969	9.968	0.001	97	1608224	200.0	197.3	
115 Butyl Methacrylate	87	10.084	10.084	0.000	91	635833	200.0	200.3	
116 tert-Butylbenzene	119	10.267	10.261	0.006	94	1703901	200.0	218.5	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	97	1968614	200.0	206.0	
118 sec-Butylbenzene	105	10.487	10.487	0.000	99	2687699	200.0	215.3	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	1014590	200.0	199.3	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	98	2198496	200.0	211.0	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	96	161144	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	95	972279	200.0	194.1	
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	99	1990961	200.0	200.6	
124 Benzyl chloride	91	10.865	10.865	0.000	99	1073626	200.0	188.3	
125 2,3-Dihydroindene	117	10.920	10.919	0.001	95	1895962	200.0	198.1	
126 p-Diethylbenzene	119	11.005	10.999	0.006	93	1116445	200.0	196.4	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	1100128	200.0	198.7	
128 1,2-Dichlorobenzene	146	11.060	11.054	0.006	96	972184	200.0	189.7	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	98	2479299	200.0	219.5	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	96	140910	200.0	207.6	
131 1,3,5-Trichlorobenzene	180	11.877	11.877	0.000	97	996292	200.0	202.3	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	1017568	200.0	215.3	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	95	444505	200.0	227.9	
134 Naphthalene	128	12.578	12.578	0.000	99	2396339	200.0	210.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	96	942486	200.0	209.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	377.5	
S 137 Xylenes, Total	100				0		400.0	382.7	
S 140 Total BTEX	1				0		1000.0	921.8	
S 139 1,3-Dichloropropene, Total	1				0		400.0	378.6	
S 138 Total 1,2-dichloroethene	1				0			377.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	20.00	Units: uL	
8FreonHi_00021	Amount Added:	20.00	Units: uL	
MIX I Hi_00128	Amount Added:	20.00	Units: uL	
GAS Hi_00368	Amount Added:	20.00	Units: uL	
Ethanol mix_00042	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:45:38 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127627.D

Injection Date: 06-Aug-2020 11:17:30 Instrument ID: CVOAMS17

Lims ID: STD200

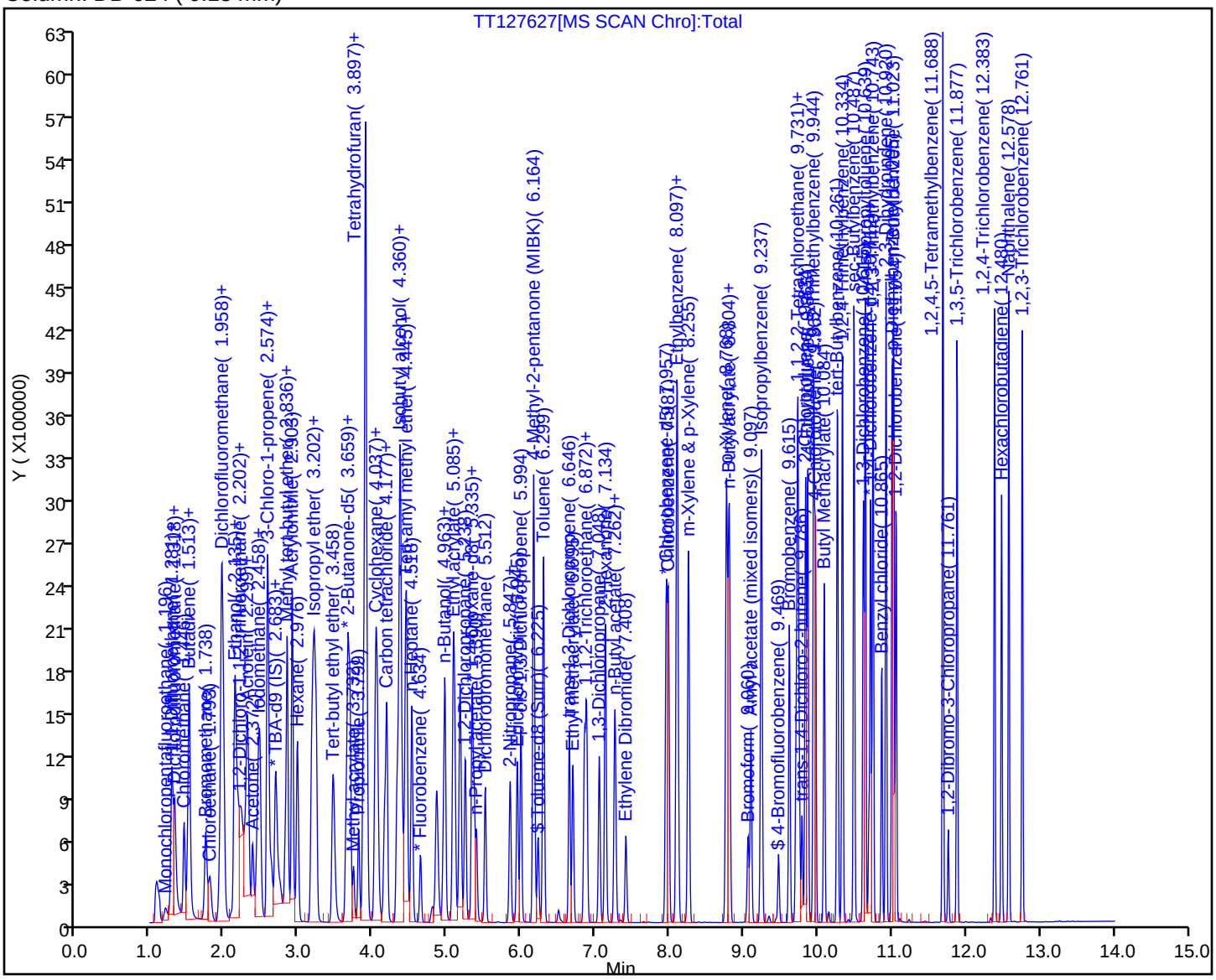
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

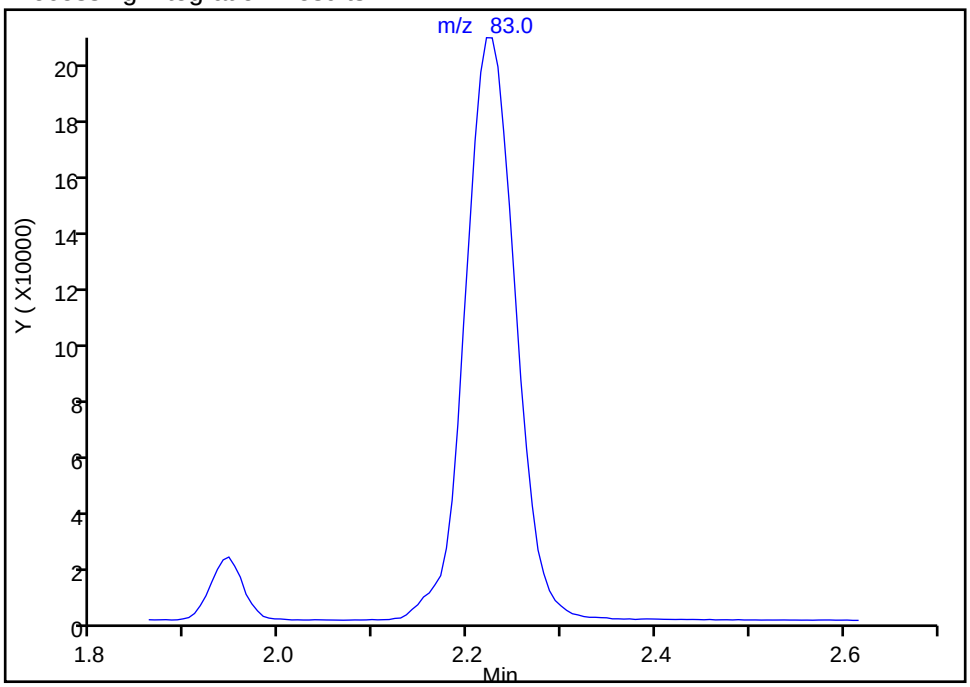
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127627.D
Injection Date: 06-Aug-2020 11:17:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

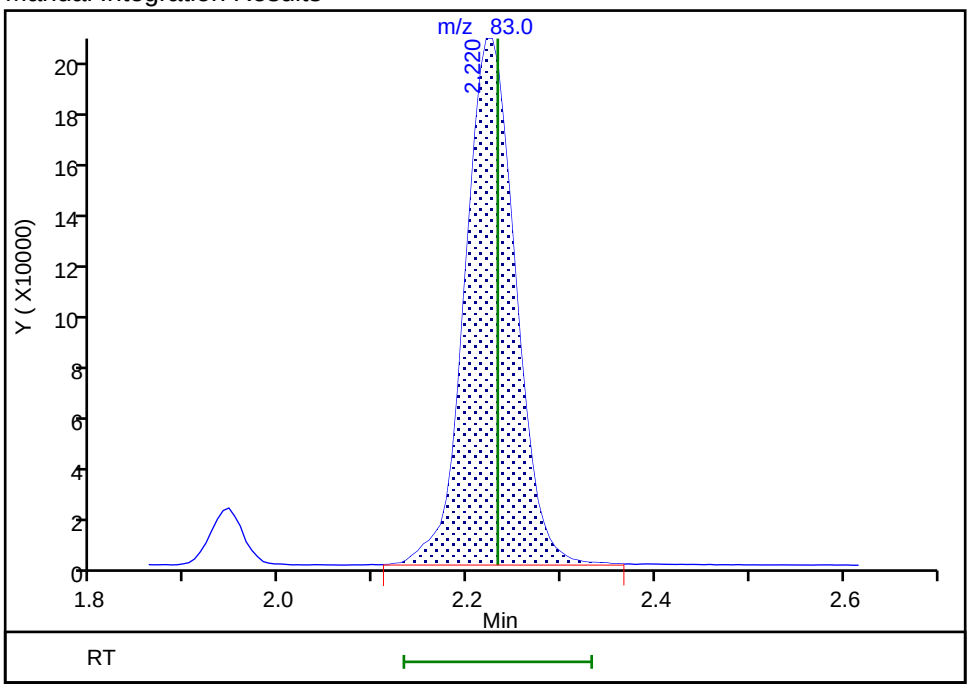
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.22
Area: 752444
Amount: 191.9981
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:21:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

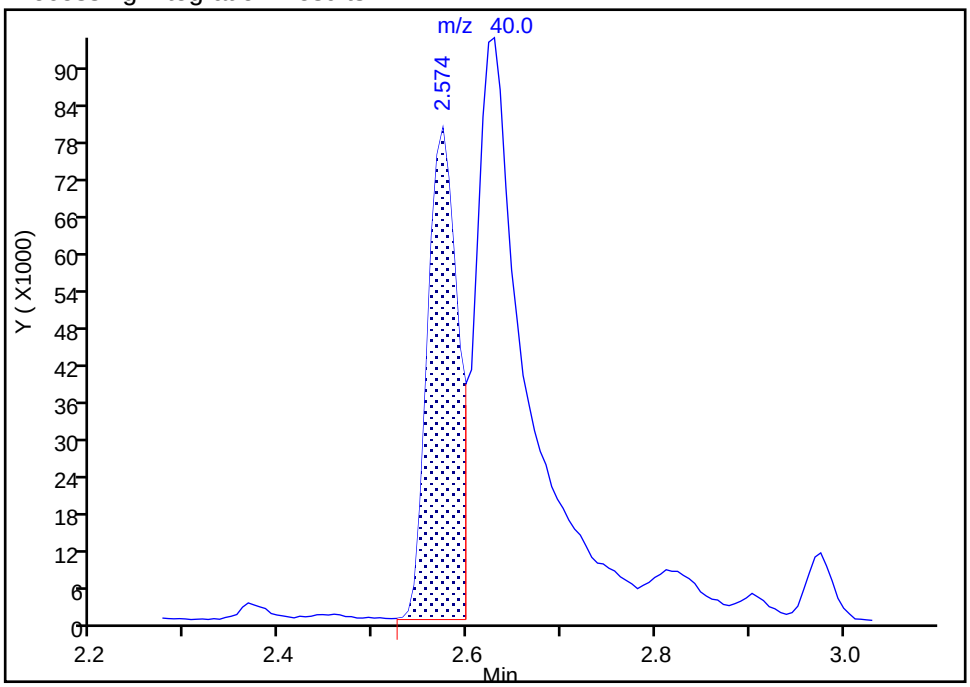
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127627.D
Injection Date: 06-Aug-2020 11:17:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

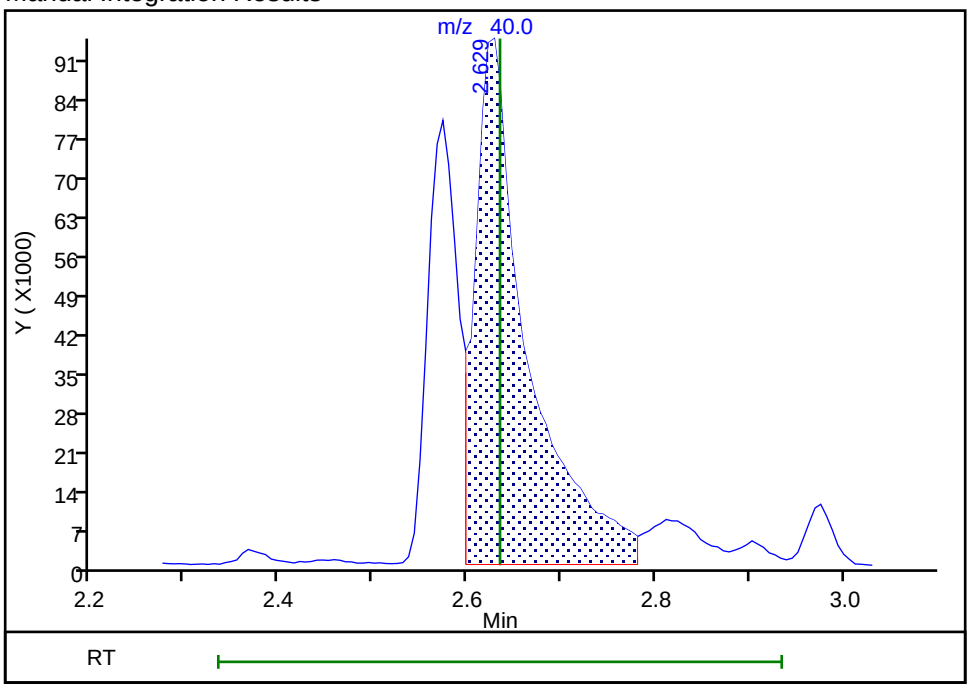
Processing Integration Results

RT: 2.57
Area: 180641
Amount: 1121.6194
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 369399
Amount: 1989.0889
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:35:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

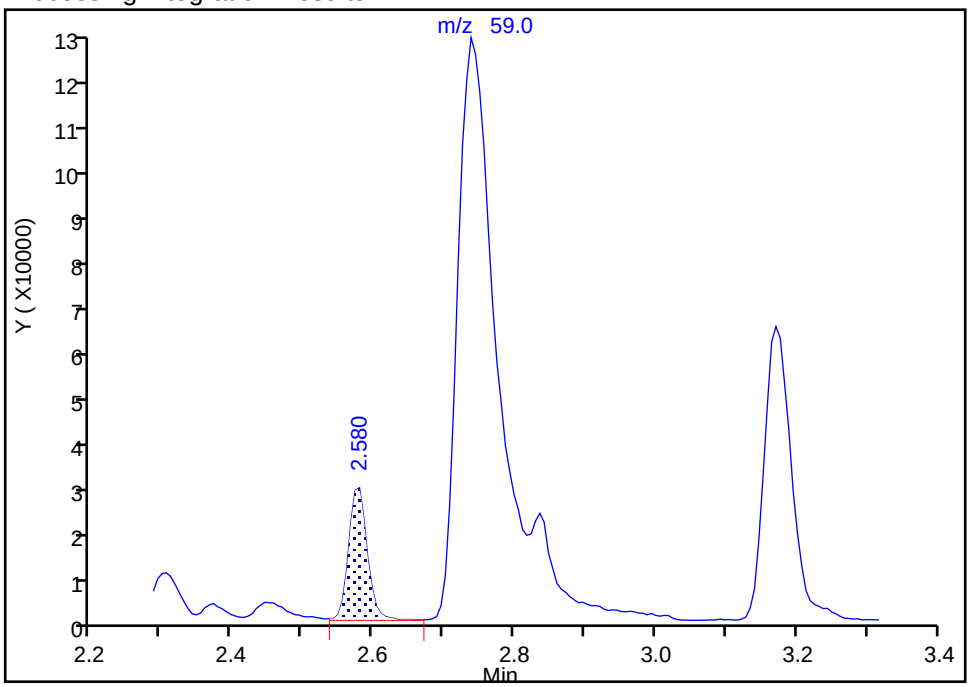
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127627.D
Injection Date: 06-Aug-2020 11:17:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

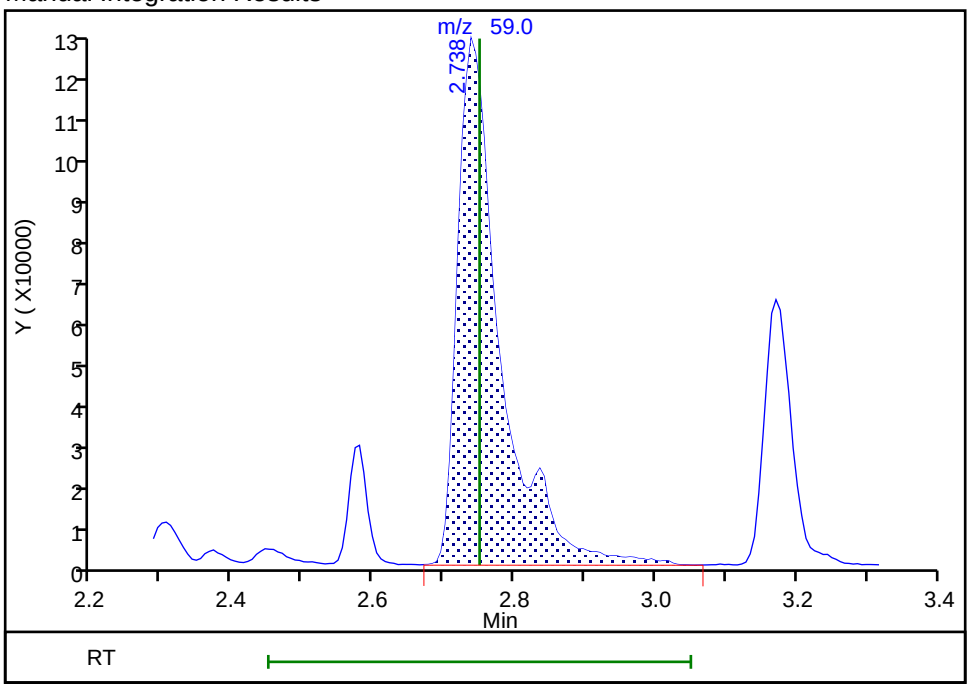
Processing Integration Results

RT: 2.58
Area: 53284
Amount: 247.1359
Amount Units: ug/l



Manual Integration Results

RT: 2.74
Area: 536375
Amount: 1963.9905
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:26:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

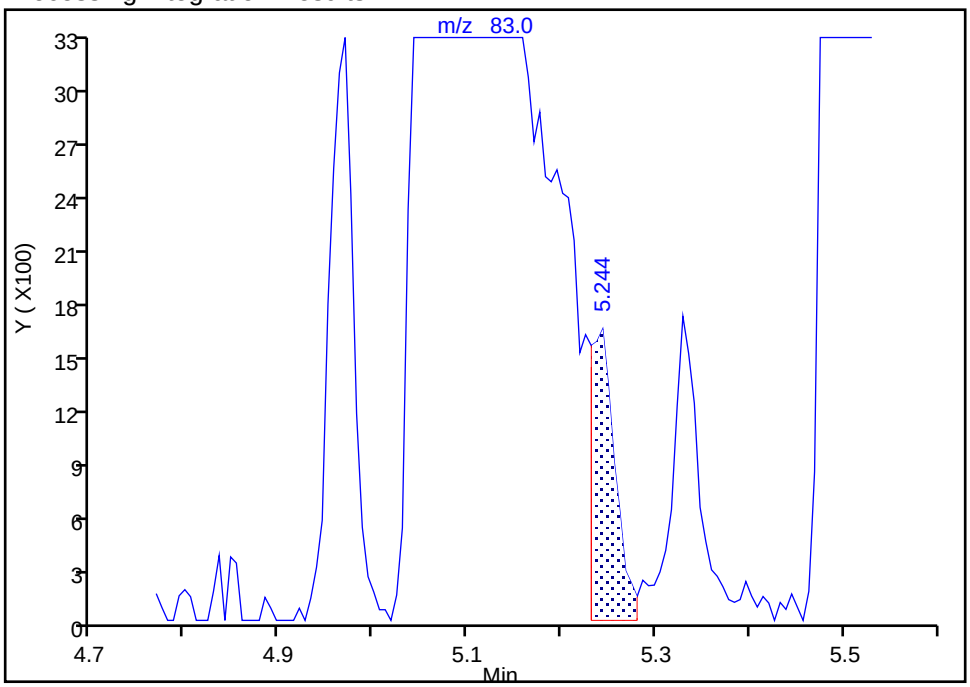
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127627.D
Injection Date: 06-Aug-2020 11:17:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

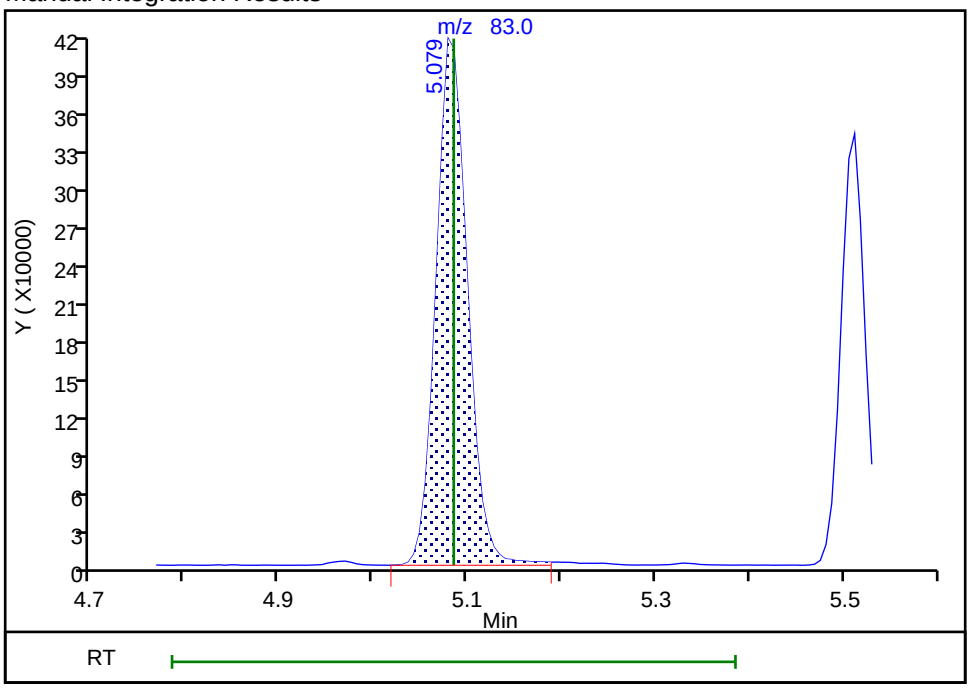
Processing Integration Results

RT: 5.24
Area: 2948
Amount: 0.735062
Amount Units: ug/l



Manual Integration Results

RT: 5.08
Area: 961651
Amount: 204.8100
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:17:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 06-Aug-2020 11:38:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0114599-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:45:54 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 13:08:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.220	-0.012	85	147734	500.0	544.2	
2 1,1-Difluoroethane	51	1.281	1.293	-0.012	96	1551408	500.0	520.4	
3 Chlorotrifluoroethene	116	1.281	1.293	-0.012	76	688157	500.0	607.2	
4 Dichlorodifluoromethane	85	1.306	1.318	-0.012	99	2342453	500.0	543.1	
5 Chlorodifluoromethane	51	1.324	1.336	-0.012	100	1919503	500.0	478.6	
6 Chloromethane	50	1.446	1.458	-0.012	99	2014121	500.0	475.4	
8 Butadiene	54	1.513	1.525	-0.012	95	1684747	500.0	459.5	
7 Vinyl chloride	62	1.519	1.531	-0.012	98	1947149	500.0	478.8	
9 Bromomethane	94	1.738	1.757	-0.019	99	1329665	500.0	493.7	
10 Chloroethane	64	1.793	1.805	-0.012	99	960015	500.0	442.2	
11 Dichlorofluoromethane	67	1.946	1.958	-0.012	99	2417704	500.0	485.8	
13 Pentane	72	1.970	1.970	0.000	97	473630	1000.0	931.2	
12 Trichlorofluoromethane	101	1.958	1.970	-0.012	98	2042496	500.0	495.3	
14 Ethanol	46	2.110	2.116	-0.006	94	267010	20000	21414	
15 Ethyl ether	74	2.122	2.128	-0.006	94	626593	500.0	442.9	
16 2-Methyl-1,3-butadiene	53	2.141	2.147	-0.006	96	1128947	500.0	453.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.177	2.183	-0.006	87	1063840	500.0	444.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.226	2.232	-0.006	95	1706027	500.0	426.0	a
19 Acrolein	56	2.269	2.275	-0.006	93	122951	400.0	370.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.287	2.299	-0.012	93	1236092	500.0	466.9	a
21 1,1-Dichloroethene	96	2.311	2.311	0.000	98	1162321	500.0	426.0	
22 Acetone	43	2.372	2.378	-0.006	87	1788871	2500.0	2380.1	
23 Iodomethane	142	2.439	2.439	0.000	97	2268726	500.0	460.8	
25 Isopropyl alcohol	45	2.452	2.464	-0.012	94	749835	5000.0	4498.4	a
24 Carbon disulfide	76	2.470	2.476	-0.006	99	4699452	500.0	446.7	
26 3-Chloro-1-propene	76	2.568	2.573	-0.005	93	738901	500.0	449.8	
27 Methyl acetate	43	2.580	2.586	-0.006	99	1439445	1000.0	896.2	
28 Cyclopentene	67	2.586	2.592	-0.006	94	2963514	500.0	454.4	
29 Acetonitrile	40	2.628	2.634	-0.006	100	888022	5000.0	5001.6	a
* 31 TBA-d9 (IS)	66	2.683	2.683	0.000	32	35336	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.689	2.689	0.000	91	1353695	500.0	419.1	
32 2-Methyl-2-propanol	59	2.744	2.750	-0.006	91	1247473	5000.0	4780.3	a
33 Methyl tert-butyl ether	73	2.824	2.830	-0.006	97	2674222	500.0	423.0	
34 trans-1,2-Dichloroethene	96	2.842	2.848	-0.006	94	1171934	500.0	433.2	
35 Acrylonitrile	53	2.909	2.915	-0.006	95	4055737	5000.0	4388.4	
36 Hexane	57	2.976	2.982	-0.006	93	1524778	500.0	444.2	
37 Isopropyl ether	45	3.171	3.177	-0.006	96	3421507	500.0	439.8	
38 1,1-Dichloroethane	63	3.195	3.195	0.000	99	1992991	500.0	451.4	
39 Vinyl acetate	86	3.214	3.214	0.000	100	447590	1000.0	926.4	
40 2-Chloro-1,3-butadiene	88	3.232	3.238	-0.006	90	1007786	500.0	469.0	
41 Tert-butyl ethyl ether	59	3.458	3.457	0.001	89	3064421	500.0	436.7	
* 42 2-Butanone-d5	46	3.634	3.634	0.000	97	236257	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	96	428436	500.0	436.4	
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	99	1322125	500.0	458.5	
45 2-Butanone (MEK)	72	3.683	3.683	0.000	97	633428	2500.0	2272.5	
46 Ethyl acetate	70	3.689	3.695	-0.006	97	232247	1000.0	1000.3	
47 Methyl acrylate	55	3.738	3.738	0.000	100	924301	500.0	460.0	
48 Propionitrile	54	3.805	3.805	0.000	98	1686733	5000.0	5065.2	
50 Tetrahydrofuran	72	3.866	3.872	-0.006	75	294066	1000.0	996.9	
49 Chlorobromomethane	128	3.866	3.872	-0.006	85	661034	500.0	466.9	
51 Methacrylonitrile	67	3.903	3.896	0.007	91	4262502	5000.0	4412.5	
52 Chloroform	83	3.921	3.921	0.000	99	1747939	500.0	433.8	
53 Cyclohexane	84	4.037	4.037	0.000	90	1972523	500.0	479.2	
54 1,1,1-Trichloroethane	97	4.049	4.049	0.000	99	1767066	500.0	465.2	
$ 55 Dibromofluoromethane (Surr)	113	4.061	4.067	-0.006	97	102327	50.0	47.4	
56 Carbon tetrachloride	117	4.159	4.159	0.000	98	1599599	500.0	498.1	
57 1,1-Dichloropropene	75	4.183	4.189	-0.006	97	1502029	500.0	474.3	
58 Isobutyl alcohol	43	4.323	4.329	-0.006	94	2319379	12500	12734	
59 Isooctane	57	4.354	4.348	0.006	99	4940257	500.0	499.8	a
60 Benzene	78	4.366	4.366	0.000	96	4288575	500.0	383.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.384	4.384	0.000	94	121624	50.0	51.8	
62 Tert-amyl methyl ether	73	4.439	4.445	-0.006	89	3368196	500.0	430.7	
63 Isopropyl acetate	61	4.445	4.451	-0.006	94	539942	500.0	439.4	
64 1,2-Dichloroethane	62	4.451	4.457	-0.006	96	1314100	500.0	440.6	
65 n-Heptane	100	4.524	4.524	0.000	92	301195	500.0	457.1	
* 66 Fluorobenzene	96	4.640	4.640	0.000	99	423219	50.0	50.0	
67 n-Butanol	56	4.951	4.951	0.000	87	958874	12500	13869	
68 Trichloroethene	95	4.969	4.969	0.000	98	1163995	500.0	477.4	
69 Methylcyclohexane	83	5.085	5.085	0.000	94	2426125	500.0	505.7	
70 Ethyl acrylate	99	5.104	5.103	0.001	98	189846	500.0	499.9	
71 1,2-Dichloropropane	63	5.244	5.244	0.000	91	1104893	500.0	474.4	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	84	28183	1000.0	1000.0	M
73 Methyl methacrylate	100	5.335	5.335	0.000	89	612128	1000.0	1034.6	
75 1,4-Dioxane	88	5.360	5.353	0.007	90	283138	10000	8766.8	
74 Dibromomethane	93	5.360	5.360	0.000	97	688356	500.0	463.9	
76 n-Propyl acetate	43	5.390	5.396	-0.006	98	1436831	500.0	496.8	
77 Dichlorobromomethane	83	5.512	5.512	0.000	100	1537013	500.0	492.6	
78 2-Nitropropane	41	5.841	5.841	0.000	98	646662	1000.0	999.8	
79 2-Chloroethyl vinyl ether	63	5.853	5.847	0.006	83	780241	501.2	532.7	
80 Epichlorohydrin	57	5.945	5.945	0.000	99	2503169	10000	10945	
81 cis-1,3-Dichloropropene	75	5.994	5.994	0.000	92	1944942	500.0	439.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	96	5251472	2500.0	2445.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.225	0.000	99	403873	50.0	42.8	
84 Toluene	91	6.298	6.298	0.000	94	4776535	500.0	417.5	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	96	1850078	500.0	449.1	
86 Ethyl methacrylate	69	6.695	6.695	0.000	90	1487180	500.0	430.1	
87 1,1,2-Trichloroethane	83	6.853	6.847	0.006	96	893805	500.0	417.3	
88 Tetrachloroethene	166	6.878	6.878	0.000	98	1230346	500.0	429.0	
89 1,3-Dichloropropane	76	7.054	7.048	0.006	94	1760926	500.0	450.0	
90 2-Hexanone	43	7.134	7.134	0.000	95	3433392	2500.0	2566.1	
91 n-Butyl acetate	43	7.256	7.255	0.001	99	1630522	500.0	423.2	
92 Chlorodibromomethane	129	7.268	7.268	0.000	98	1192915	500.0	461.9	
93 Ethylene Dibromide	107	7.408	7.408	0.000	98	1097163	500.0	456.6	
* 94 Chlorobenzene-d5	117	7.951	7.950	0.001	87	369196	50.0	50.0	
95 Chlorobenzene	112	7.987	7.981	0.006	96	3282911	500.0	458.8	
96 Ethylbenzene	106	8.097	8.097	0.000	98	1723858	500.0	431.6	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	96	1201248	500.0	425.7	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	96	2160048	500.0	442.3	
99 o-Xylene	106	8.768	8.767	0.001	94	2367211	500.0	469.4	
100 n-Butyl acrylate	73	8.792	8.792	0.000	98	871778	500.0	403.2	
101 Styrene	104	8.810	8.804	0.006	95	3445640	500.0	438.9	
102 Bromoform	173	9.060	9.060	0.000	97	851323	500.0	505.7	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	91	1987489	500.0	476.3	
104 Isopropylbenzene	105	9.243	9.237	0.006	96	6057969	500.0	451.7	
$ 105 4-Bromofluorobenzene	174	9.475	9.468	0.007	0	141798	50.0	49.3	
106 Bromobenzene	156	9.621	9.615	0.006	97	1501843	500.0	521.3	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	99	1508151	500.0	493.1	
108 N-Propylbenzene	91	9.731	9.725	0.007	99	6786333	500.0	477.1	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	97	373713	500.0	450.8	
110 trans-1,4-Dichloro-2-butene	53	9.786	9.785	0.001	95	348617	500.0	571.3	
111 2-Chlorotoluene	91	9.834	9.834	0.000	96	4469312	500.0	480.5	
112 4-Ethyltoluene	105	9.865	9.865	0.000	99	5338952	500.0	464.5	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	93	5011274	500.0	489.2	
114 4-Chlorotoluene	91	9.969	9.968	0.000	98	4205898	500.0	472.8	
115 Butyl Methacrylate	87	10.090	10.084	0.006	90	1740150	500.0	502.3	
116 tert-Butylbenzene	119	10.267	10.261	0.006	94	4587142	500.0	539.0	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	97	5113385	500.0	490.2	
118 sec-Butylbenzene	105	10.493	10.487	0.006	99	6997156	500.0	513.5	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	2782201	500.0	500.7	
120 4-Isopropyltoluene	119	10.645	10.639	0.006	98	5625548	500.0	494.7	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	96	175860	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	95	2688857	500.0	491.9	
123 1,2,3-Trimethylbenzene	105	10.749	10.743	0.006	99	5238683	500.0	483.8	
124 Benzyl chloride	91	10.865	10.865	0.000	99	2966276	500.0	476.6	
125 2,3-Dihydroindene	117	10.920	10.919	0.001	95	5088083	500.0	487.1	
126 p-Diethylbenzene	119	11.005	10.999	0.006	93	3070909	500.0	495.1	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	2897994	500.0	479.7	
128 1,2-Dichlorobenzene	146	11.060	11.054	0.006	96	2580133	500.0	461.4	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	98	6639634	500.0	538.6	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	96	376995	500.0	508.9	
131 1,3,5-Trichlorobenzene	180	11.883	11.877	0.006	98	2645437	500.0	492.1	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	2633112	500.0	510.5	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	95	1130856	500.0	531.3	
134 Naphthalene	128	12.578	12.578	0.000	99	5933723	500.0	478.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	96	2353249	500.0	479.1	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	891.7	
S 137 Xylenes, Total	100				0		1000.0	911.7	
S 140 Total BTEX	1				0		2500.0	2144.7	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	888.7	
S 138 Total 1,2-dichloroethene	1				0			891.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00368	Amount Added:	50.00	Units: uL	
Ethanol mix_00042	Amount Added:	50.00	Units: uL	
8FreonHi_00021	Amount Added:	50.00	Units: uL	
ACROLEIN W_00110	Amount Added:	40.00	Units: uL	
MIX I Hi_00128	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:45:56 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17

Lims ID: STD500

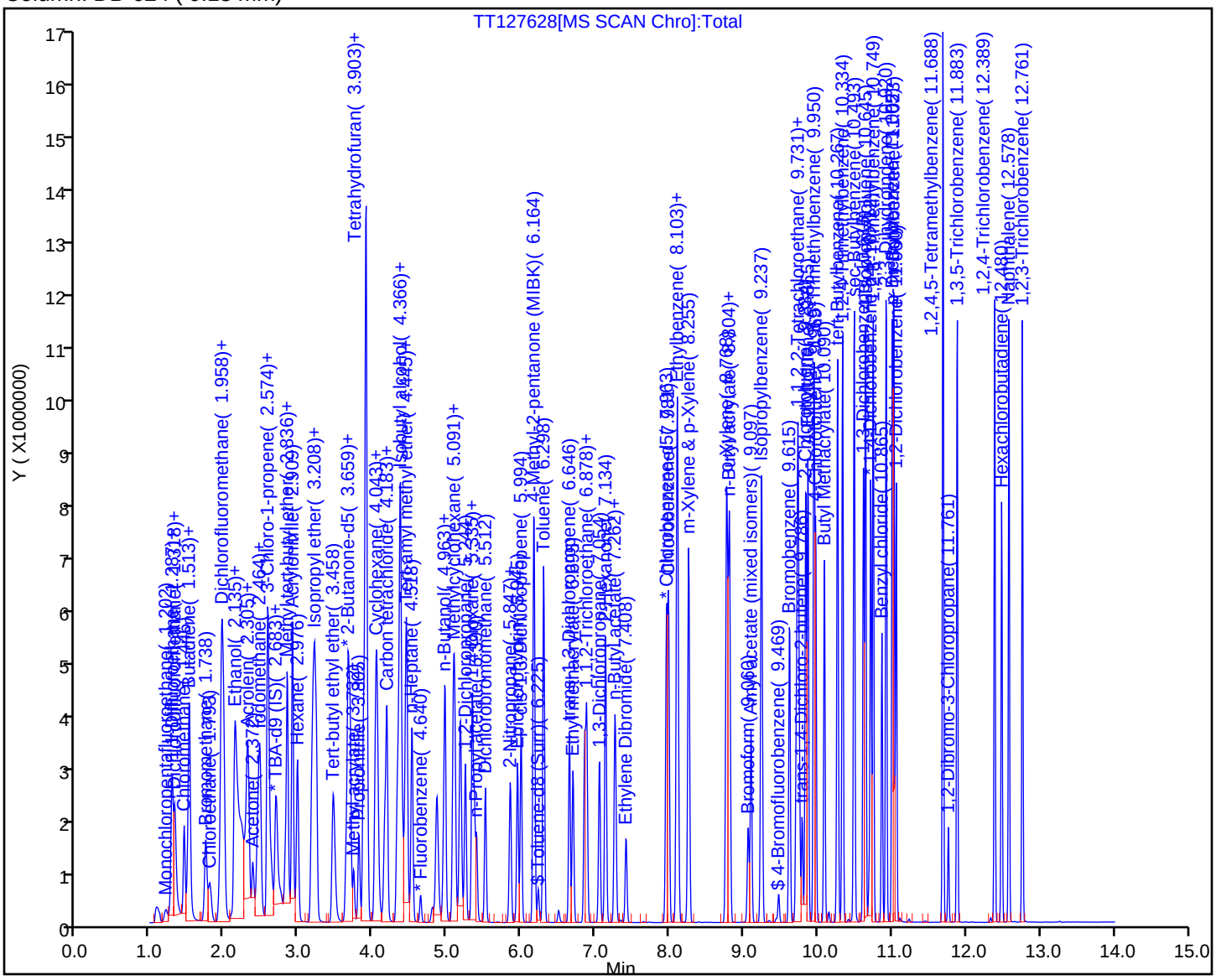
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

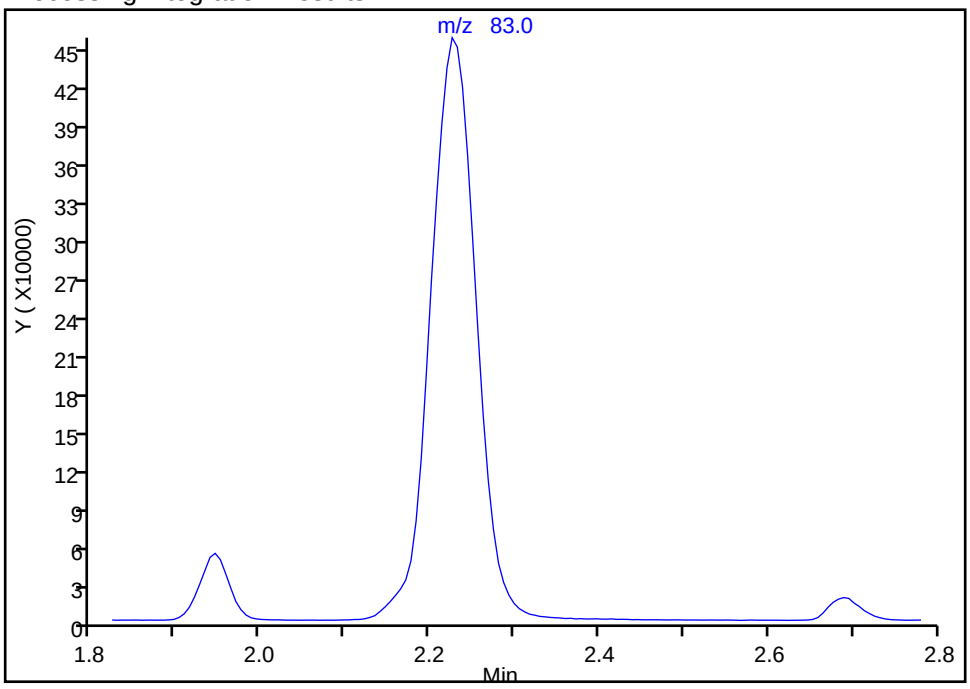
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

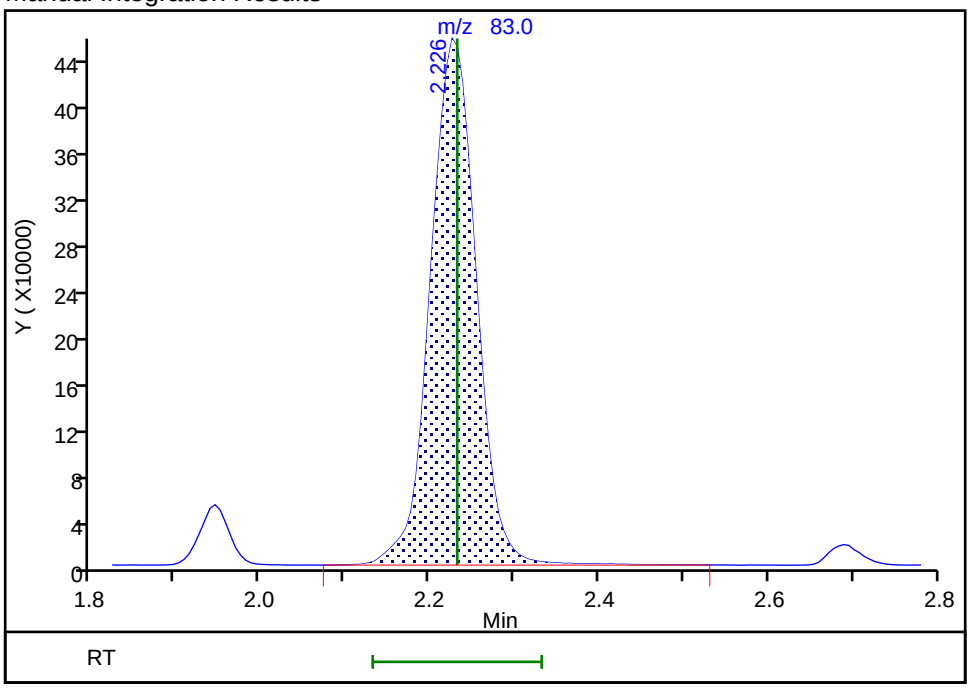
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 1706027
Amount: 426.0175
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:22:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

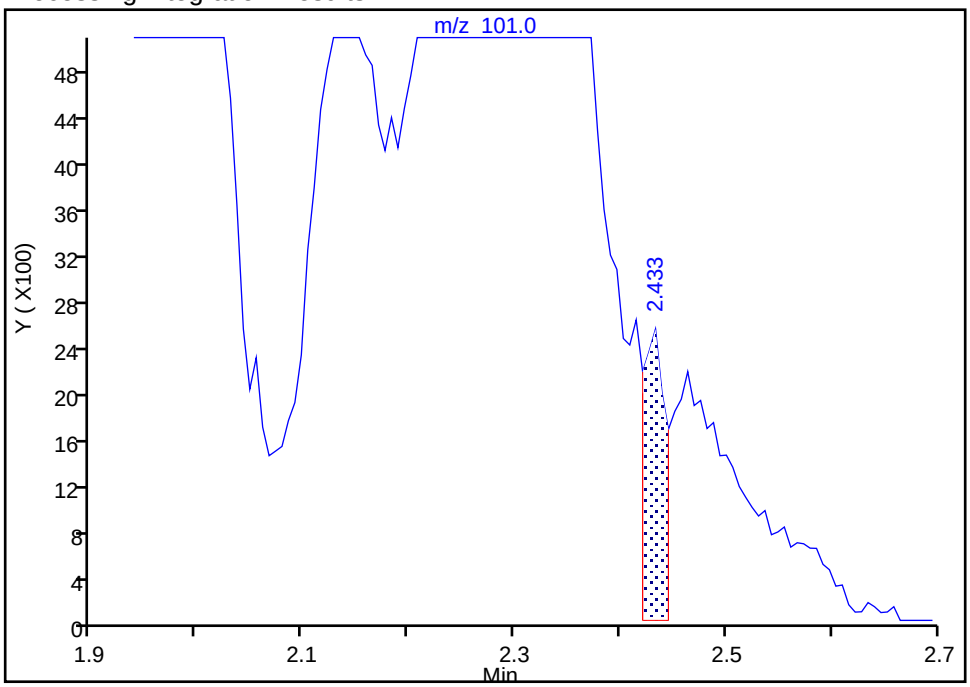
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

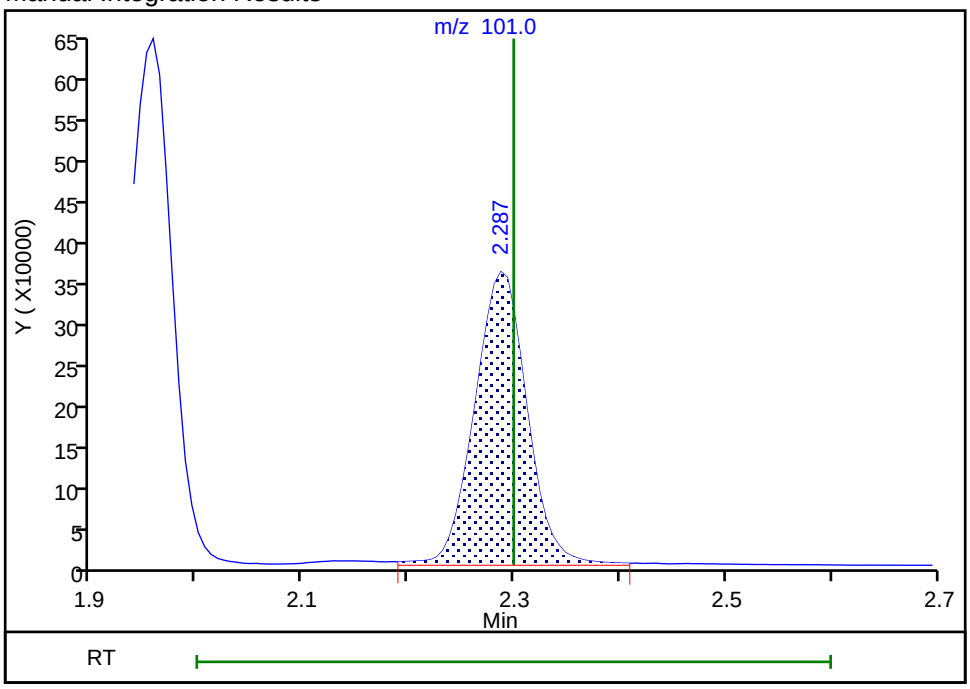
Processing Integration Results

RT: 2.43
Area: 3910
Amount: 1.703428
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 1236092
Amount: 466.9037
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:24:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

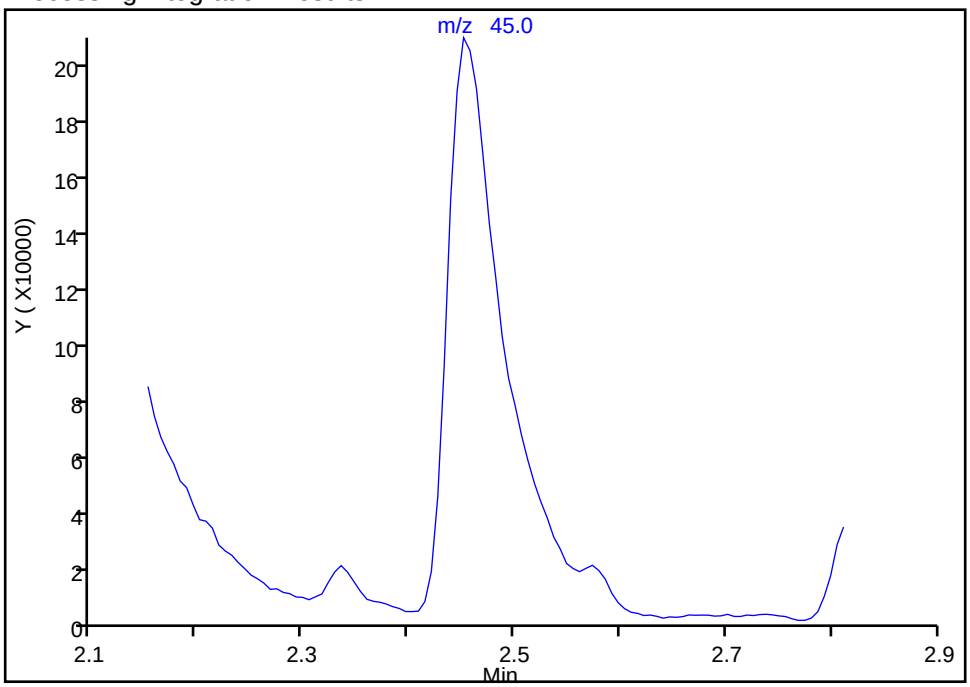
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

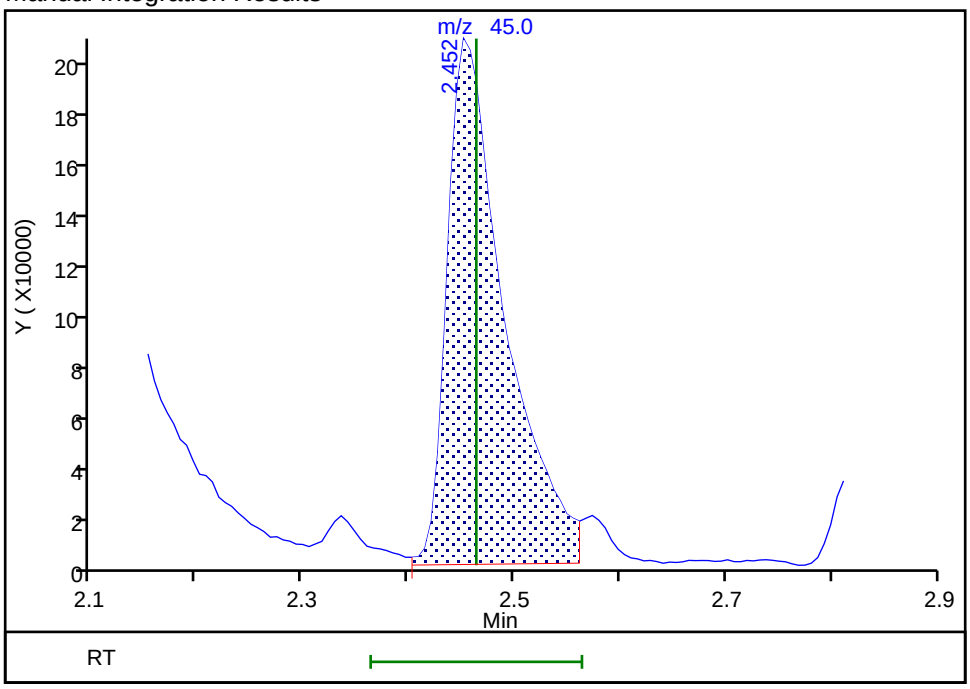
Not Detected
Expected RT: 2.46

Processing Integration Results



Manual Integration Results

RT: 2.45
Area: 749835
Amount: 4498.4339
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 13:23:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

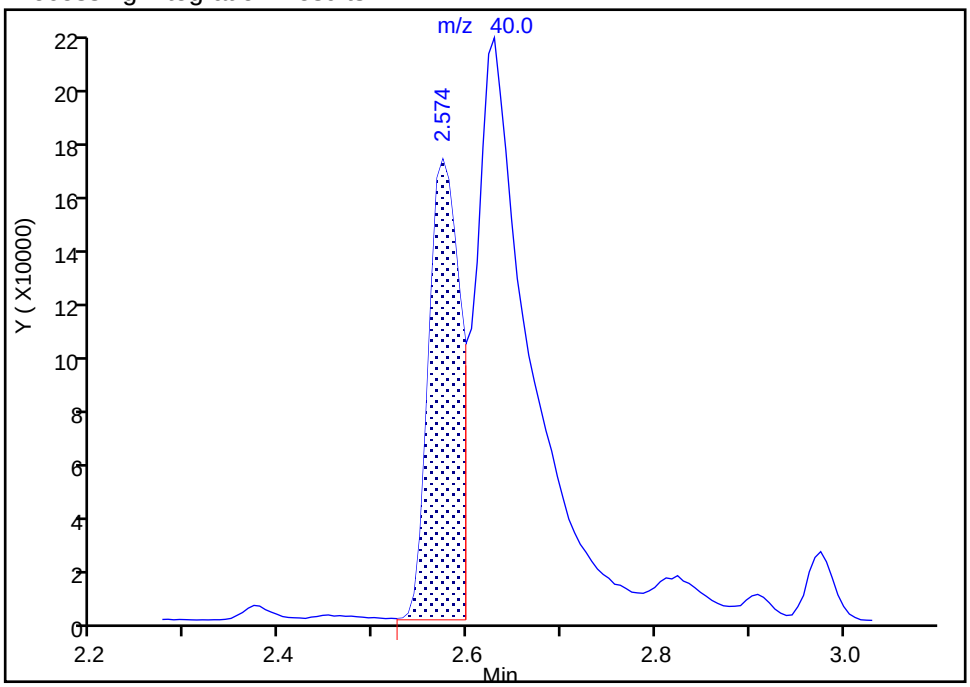
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

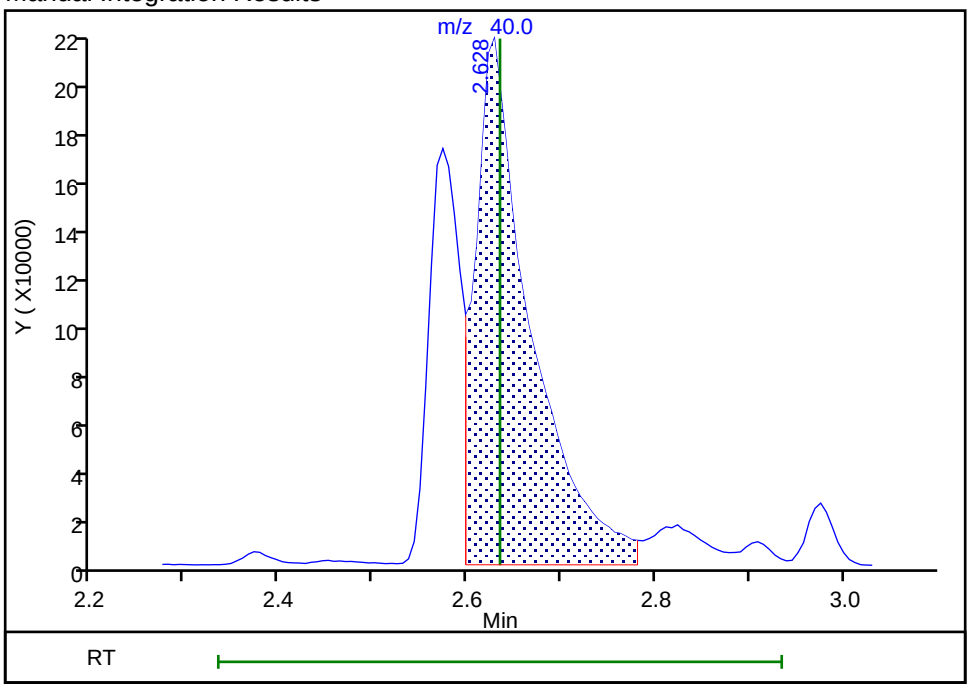
Processing Integration Results

RT: 2.57
Area: 400186
Amount: 2408.7540
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 888022
Amount: 5001.5874
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:36:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

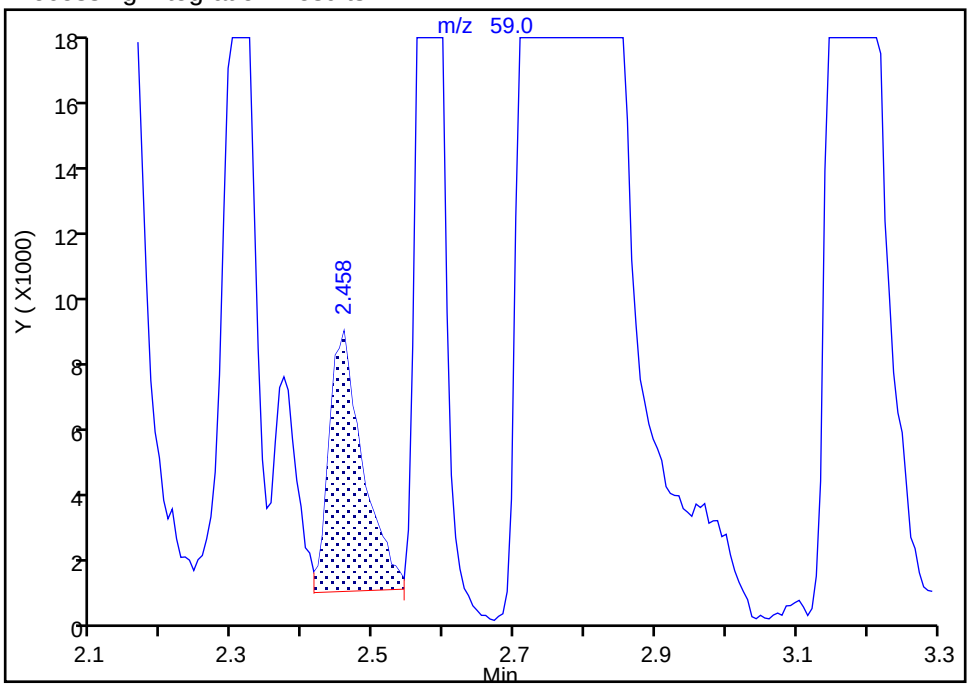
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

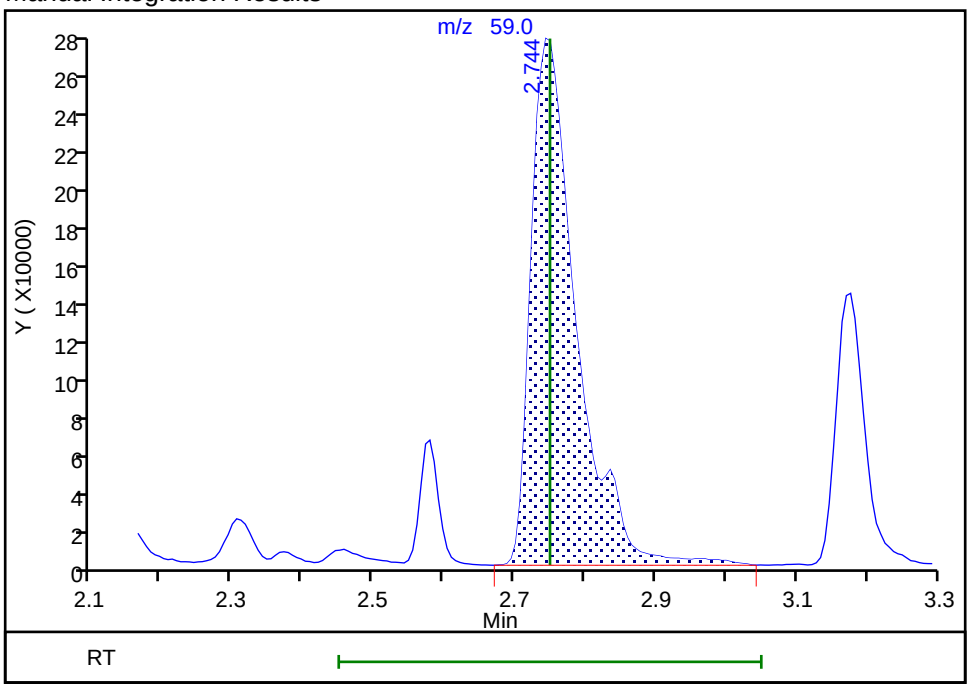
Processing Integration Results

RT: 2.46
Area: 25398
Amount: 148.4356
Amount Units: ug/l



Manual Integration Results

RT: 2.74
Area: 1247473
Amount: 4780.2602
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 16:24:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

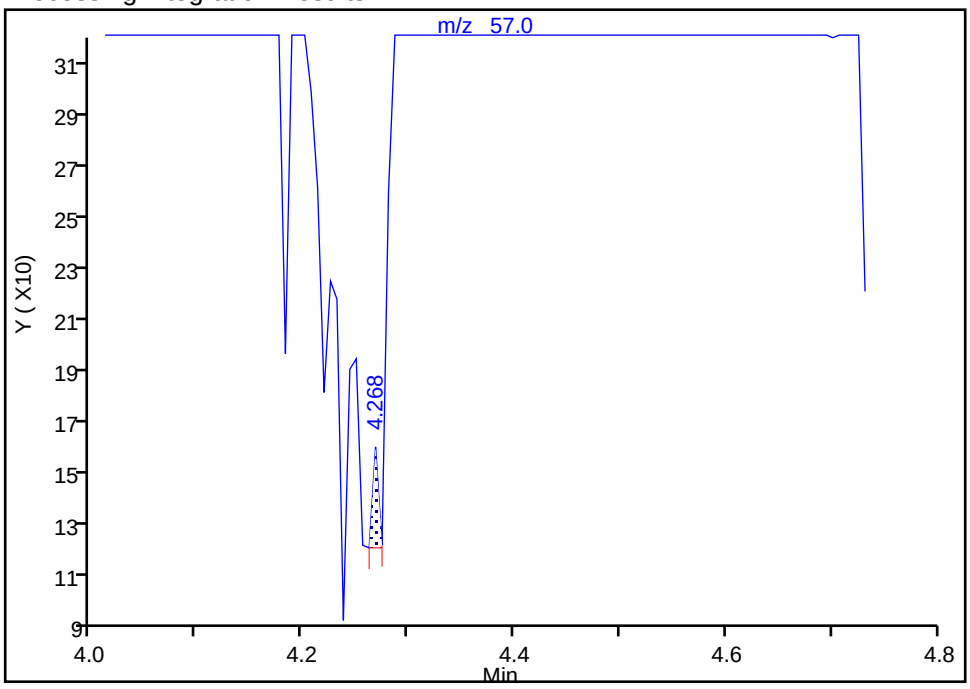
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isooctane, CAS: 540-84-1

Signal: 1

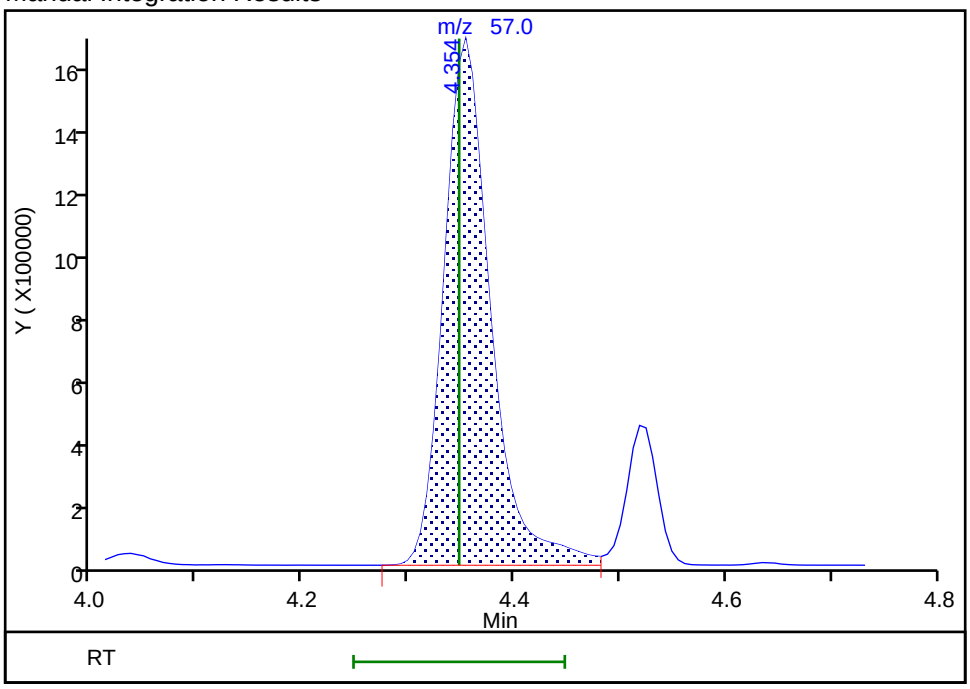
Processing Integration Results

RT: 4.27
Area: 15
Amount: 0.002099
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 4940257
Amount: 499.7680
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 14:06:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

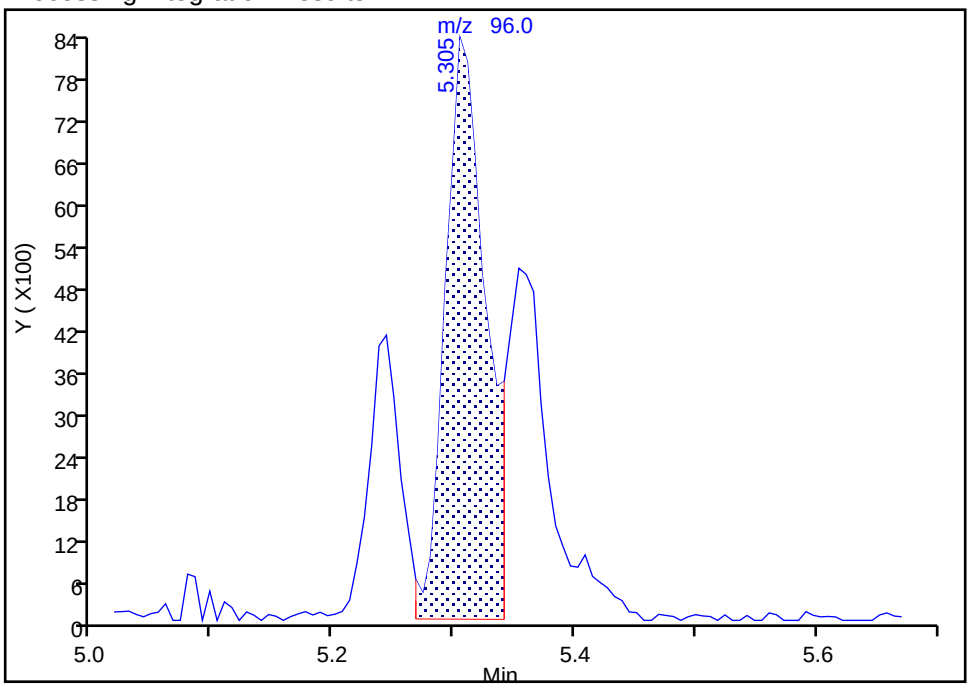
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D
Injection Date: 06-Aug-2020 11:38:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

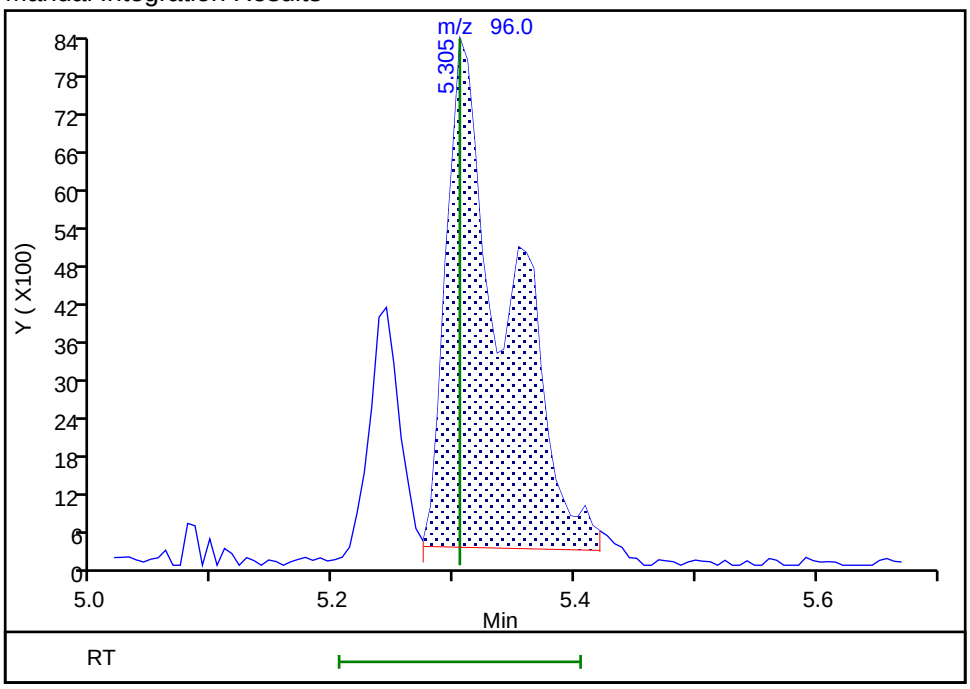
Processing Integration Results

RT: 5.30
Area: 19757
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.30
Area: 28183
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 06-Aug-2020 17:17:02
Audit Action: Manually Integrated Audit Reason: Split Peak

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-717631/4	B62314.D
Level 2	STD5 460-717631/5	B62315.D
Level 3	STD20 460-717631/6	B62316.D
Level 4	STD50 460-717631/7	B62317.D
Level 5	STD200 460-717631/8	B62318.D
Level 6	STD500 460-717631/9	B62319.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.0342 +++++	0.0498	0.0338	0.0311	+++++	Ave		0.0372				22.8	*	20.0			
1,1-Difluoroethane	0.5093 0.2124	0.5771	0.5973	0.6025	0.1909	Ave		0.4482				43.3	*	20.0			
Dichlorodifluoromethane	0.7001 0.6058	0.8090	0.6858	0.7594	0.5358	Ave		0.6826			0.1000	14.6		20.0			
Chlorodifluoromethane	0.9130 0.5079	1.0135	0.8308	0.8478	0.4618	Ave		0.7625				29.5	*	20.0			
Chloromethane	0.9763 1.1453	1.3281	1.2523	1.2849	1.0329	Ave		1.1700			0.1000	12.2		20.0			
Butadiene	0.7945 0.7449	0.7950	0.8301	0.8371	0.6659	Ave		0.7779				8.2		20.0			
Vinyl chloride	0.7736 0.7695	0.8367	0.8306	0.8436	0.6736	Ave		0.7879			0.1000	8.2		20.0			
Bromomethane	0.5663 0.5066	0.5366	0.5114	0.5415	0.4330	Ave		0.5159			0.1000	8.9		20.0			
Chloroethane	0.4150 0.4383	0.4411	0.4343	0.4821	0.3896	Ave		0.4334			0.1000	7.1		20.0			
Dichlorofluoromethane	1.0335 1.1065	1.0975	1.0642	1.1464	0.9416	Ave		1.0650				6.7		20.0			
Trichlorofluoromethane	0.7485 0.7783	0.8063	0.7523	0.8268	0.6702	Ave		0.7637			0.1000	7.2		20.0			
Pentane	0.0915 0.1023	0.1082	0.1053	0.1131	0.0866	Ave		0.1012				10.0		20.0			
Ethanol	0.0590 0.0843	0.0624	0.0828	0.0820	0.0758	Ave		0.0744				14.8		20.0			
Ethyl ether	0.4172 0.4434	0.4407	0.4252	0.4668	0.3973	Ave		0.4318				5.6		20.0			
2-Methyl-1,3-butadiene	0.5632 0.5759	0.5791	0.6023	0.6642	0.5116	Ave		0.5827				8.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.4215 0.4344	0.4721	0.4097	0.4306	0.3585	Ave		0.4211				8.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.7274 0.7677	0.8649	0.7744	0.7644	0.6525	Ave		0.7585				9.1		20.0			
Acrolein	1.7407 1.7631	1.4407	1.7737	1.7399	1.5950	Ave		1.6755				7.9		20.0			
1,1-Dichloroethene	0.4607 0.4702	0.4421	0.4568	0.4054	0.3829	Ave		0.4364			0.1000	7.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5322 0.5123	0.4662	0.5062	0.4434	0.3858	Ave		0.4743			0.1000	11.4		20.0			
Acetone	1.4210 1.4060	0.9117	1.2483	1.0115	1.1785	Ave		1.1962			0.0500	17.2		20.0			
Iodomethane	0.8114 0.8264	0.6750	0.6902	0.6968	0.5882	Ave		0.7147				12.6		20.0			
Carbon disulfide	1.4545 2.0341	1.4964	1.5471	1.6369	1.4348	Ave		1.6006			0.1000	14.0		20.0			
Isopropyl alcohol	1.0799 1.3624	0.8614	1.0511	1.2064	1.0862	Ave		1.1079				15.1		20.0			
Allyl chloride	0.7817 0.9205	0.7151	0.7627	0.7791	0.6870	Ave		0.7744				10.4		20.0			
Methyl acetate	0.2094 0.3947	0.3260	0.3282	0.3708	0.3330	QuaF		0.3020	0.0000924		0.1000				1.0000		0.9900
Acetonitrile	0.7595 1.0074	1.0277	1.1776	1.1497	0.8744	Ave		0.9994				16.0		20.0			
Methylene Chloride	0.4815 0.4656	0.4840	0.4557	0.4728	0.4080	Ave		0.4613			0.1000	6.1		20.0			
2-Methyl-2-propanol	2.1154 1.5964	1.5998	1.5467	1.5577	1.4866	Ave		1.6504				14.0		20.0			
Acrylonitrile	4.4810 4.5642	4.4367	4.4132	4.6549	4.1621	Ave		4.4520				3.8		20.0			
trans-1,2-Dichloroethene	0.4171 0.4409	0.3982	0.4232	0.4445	0.3795	Ave		0.4172			0.1000	6.0		20.0			
Methyl tert-butyl ether	1.2023 1.1274	1.1251	1.1141	1.1657	1.0245	Ave		1.1265			0.1000	5.3		20.0			
Hexane	0.7618 0.8056	0.8027	0.7858	0.8649	0.7222	Ave		0.7905				6.0		20.0			
1,1-Dichloroethane	0.8586 0.8705	0.9038	0.8190	0.9328	0.7754	Ave		0.8600			0.2000	6.6		20.0			
Vinyl acetate	0.5204 0.5635	0.4245	0.4972	0.4908	0.4723	Ave		0.4948				9.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	0.3559 0.3775	0.3717	0.3732	0.4117	0.3389	Ave		0.3715				6.5		20.0			
Isopropyl ether	1.7920 1.6986	1.8863	1.6988	1.9578	1.5732	Ave		1.7678				7.9		20.0			
Tert-butyl ethyl ether	0.5096 0.4085	0.4276	0.4561	0.4867	0.3828	Ave		0.4452				10.8		20.0			
2,2-Dichloropropane	0.1802 0.1852	0.1908	0.1952	0.2112	0.1648	Ave		0.1879				8.3		20.0			
cis-1,2-Dichloroethene	0.4570 0.4264	0.4373	0.4389	0.4607	0.3834	Ave		0.4339			0.1000	6.4		20.0			
2-Butanone (MEK)	0.3884 0.3359	0.3164	0.3240	0.3237	0.3072	Ave		0.3326			0.0500	8.7		20.0			
Propionitrile	0.5095 0.4309	0.3856	0.4353	0.4308	0.3781	Ave		0.4284				10.9		20.0			
Ethyl acetate	0.2182 0.2693	0.2259	0.2853	0.2486	0.2334	Ave		0.2468				10.6		20.0			
Chlorobromomethane	0.2572 0.1939	0.1780	0.1858	0.1955	0.1708	Ave		0.1969				15.7		20.0			
Methacrylonitrile	0.1517 0.1489	0.1459	0.1430	0.1554	0.1348	Ave		0.1466				4.9		20.0			
Tetrahydrofuran	0.2283 0.3837	0.3711	0.3836	0.3712	0.3347	QuaF		0.3123	0.0000711						1.0000		0.9900
Chloroform	0.6906 0.6933	0.6964	0.6757	0.7399	0.6197	Ave		0.6859			0.2000	5.7		20.0			
1,1,1-Trichloroethane	0.5909 0.5888	0.5863	0.5668	0.6133	0.5097	Ave		0.5760			0.1000	6.2		20.0			
Cyclohexane	0.5938 0.6611	0.6583	0.6418	0.6910	0.5783	Ave		0.6374			0.1000	6.8		20.0			
1,1-Dichloropropene	0.5404 0.5846	0.5739	0.5655	0.6037	0.5196	Ave		0.5646				5.4		20.0			
Carbon tetrachloride	0.4298 0.5021	0.4487	0.4567	0.4866	0.4274	Ave		0.4586			0.1000	6.6		20.0			
Benzene	2.4958 2.2490	2.2559	2.3615	2.4034	2.1502	Ave		2.3193			0.5000	5.4		20.0			
1,2-Dichloroethane	0.5335 0.5366	0.5194	0.5051	0.5283	0.4757	Ave		0.5164			0.1000	4.4		20.0			
Isobutyl alcohol	0.2771 0.4408	0.3568	0.4051	0.3299	0.3942	Ave		0.3673				16.0		20.0			
Tert-amyl methyl ether	1.4932 1.3435	1.2834	1.3409	1.4160	1.2437	Ave		1.3534				6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	0.7272 0.8833	0.9034	0.8981	0.9246	0.8063	Ave		0.8571				8.8		20.0			
Trichloroethene	0.3964 0.4141	0.3573	0.3720	0.3966	0.3491	Ave		0.3809			0.2000	6.7		20.0			
n-Butanol	0.1058 0.2188	0.0641	0.1207	0.1442	0.1675	QuaF		0.1332	0.0000069						1.0000		0.9900
Methylcyclohexane	0.6760 0.8690	0.7435	0.7918	0.8172	0.7193	Ave		0.7695			0.1000	9.1		20.0			
Ethyl acrylate	1.0686 1.3710	1.0780	1.1452	1.1956	1.1048	Ave		1.1605				9.8		20.0			
1,2-Dichloropropane	0.4835 0.5079	0.4070	0.4347	0.4633	0.4200	Ave		0.4527			0.1000	8.6		20.0			
Dibromomethane	0.2346 0.2344	0.1960	0.2019	0.2161	0.1972	Ave		0.2134				8.4		20.0			
1,4-Dioxane	1.3024 1.1943	1.7877	1.6606	1.7328	1.3480	Ave		1.5043				16.8		20.0			
Methyl methacrylate	0.0681 0.0831	0.0611	0.0741	0.0765	0.0706	Ave		0.0723				10.4		20.0			
Dichlorobromomethane	0.4656 0.5636	0.4204	0.4550	0.4801	0.4697	Ave		0.4757			0.2000	10.0		20.0			
2-Nitropropane	0.1160 0.1004	0.0749	0.0757	0.0797	0.0800	Ave		0.0878				19.0		20.0			
2-Chloroethyl vinyl ether	0.1398 +++++	0.1112	0.1317	0.1376	0.1377	Ave		0.1316				9.0		20.0			
Epichlorohydrin	0.2637 0.3461	0.2082	0.2690	0.2554	0.2667	Ave		0.2682				16.6		20.0			
cis-1,3-Dichloropropene	0.7576 0.9452	0.7375	0.7681	0.8377	0.8163	Ave		0.8104			0.2000	9.4		20.0			
4-Methyl-2-pentanone (MIBK)	4.6445 3.9376	3.0312	3.4755	3.2448	3.1506	Ave		3.5807			0.0500	17.1		20.0			
Toluene	2.2899 2.3809	2.0771	2.2179	2.2960	2.0979	Ave		2.2266			0.4000	5.4		20.0			
trans-1,3-Dichloropropene	0.5642 0.7624	0.5987	0.6451	0.6813	0.6803	Ave		0.6553			0.1000	10.7		20.0			
1,1,2-Trichloroethane	0.3826 0.3630	0.3677	0.3481	0.3579	0.3355	Ave		0.3591			0.1000	4.5		20.0			
Tetrachloroethene	0.5073 0.5078	0.4786	0.4831	0.5197	0.4661	Ave		0.4938			0.2000	4.2		20.0			
1,3-Dichloropropane	0.6868 0.7543	0.7098	0.7348	0.7213	0.6881	Ave		0.7158				3.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	2.1238 2.4954	1.6141	2.3235	2.0822	2.0262	Ave		2.1109			0.0500	14.2		20.0			
Chlorodibromomethane	0.3805 0.4464	0.3355	0.3768	0.3937	0.3971	Ave		0.3883			0.1000	9.3		20.0			
Ethylene Dibromide	0.3409 0.3923	0.3389	0.3728	0.3776	0.3516	Ave		0.3624			0.1000	6.0		20.0			
Chlorobenzene	1.2843 1.3554	1.2501	1.2766	1.3103	1.1839	Ave		1.2768			0.5000	4.5		20.0			
1,1,1,2-Tetrachloroethane	0.5152 0.4877	0.4268	0.4467	0.4678	0.4491	Ave		0.4656				6.9		20.0			
Ethylbenzene	0.7539 0.7798	0.7050	0.7472	0.7608	0.7025	Ave		0.7415			0.1000	4.2		20.0			
m-Xylene & p-Xylene	0.9416 0.9600	0.8474	0.9244	0.9381	0.8531	Ave		0.9108			0.1000	5.3		20.0			
o-Xylene	0.9094 0.9698	0.9300	0.9626	0.9772	0.8706	Ave		0.9366			0.3000	4.4		20.0			
Styrene	1.2403 1.5634	1.2995	1.4092	1.5046	1.3639	Ave		1.3968			0.3000	8.7		20.0			
n-Butyl acrylate	0.3093 0.3518	0.2993	0.3240	0.3558	0.3241	Ave		0.3274				6.9		20.0			
Bromoform	0.2036 0.2700	0.1967	0.2057	0.2316	0.2389	Ave		0.2244			0.1000	12.4		20.0			
Amyl acetate (mixed isomers)	1.5016 2.0403	1.7431	1.9152	2.1206	1.7829	Ave		1.8506				12.1		20.0			
Isopropylbenzene	1.9818 2.6835	2.4656	2.5453	2.6540	2.3501	Ave		2.4467			0.1000	10.6		20.0			
Bromobenzene	0.9679 1.0212	1.0307	0.9634	0.9891	0.9088	Ave		0.9802				4.5		20.0			
1,2,3-Trichloropropane	0.3139 0.2751	0.3046	0.2744	0.2520	0.2483	Ave		0.2781				9.6		20.0			
1,1,2,2-Tetrachloroethane	1.1858 1.1749	1.1764	1.0696	1.0949	1.0466	Ave		1.1247			0.3000	5.5		20.0			
trans-1,4-Dichloro-2-butene	0.3192 0.3543	0.2958	0.3000	0.3290	0.3191	Ave		0.3196				6.6		20.0			
N-Propylbenzene	0.9811 1.3357	1.2181	1.2009	1.2137	1.1535	Ave		1.1838				9.8		20.0			
2-Chlorotoluene	0.9530 1.1329	0.9729	1.0067	1.0517	0.9753	Ave		1.0154				6.6		20.0			
4-Ethyltoluene	3.7254 4.6857	4.0427	4.2866	4.4858	4.0582	Ave		4.2141				8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorotoluene	3.0802 4.0791	3.4131	3.6648	3.7544	3.5708	Ave		3.5937				9.3		20.0			
1,3,5-Trimethylbenzene	3.1792 4.4597	3.4669	3.7170	3.9667	3.9411	Ave		3.7884				11.7		20.0			
tert-Butylbenzene	2.4502 3.5883	2.5711	3.0502	3.2651	3.1894	Ave		3.0190				14.4		20.0			
1,2,4-Trimethylbenzene	3.0306 4.4449	3.4832	3.9667	4.0951	4.0250	Ave		3.8409				13.1		20.0			
sec-Butylbenzene	3.7451 5.8807	4.3215	5.0590	5.1779	5.2088	Ave		4.8988				15.4		20.0			
1,3-Dichlorobenzene	1.7855 2.0130	1.8707	2.0078	1.9177	1.8235	Ave		1.9030			0.6000	5.0		20.0			
1,4-Dichlorobenzene	2.0629 2.0146	1.8714	1.9081	1.9295	1.7531	Ave		1.9233			0.5000	5.7		20.0			
4-Isopropyltoluene	3.4426 4.9176	3.6347	4.0762	4.1945	4.0624	Ave		4.0547				12.7		20.0			
1,2,3-Trimethylbenzene	3.5994 4.5619	3.6532	4.0432	4.1526	3.7736	Ave		3.9640				9.2		20.0			
Benzyl chloride	0.3210 0.3516	0.2465	0.2874	0.3178	0.3052	Ave		0.3049				11.7		20.0			
Indan	1.4667 1.6223	1.3659	1.4520	1.4943	1.2768	Ave		1.4463				8.1		20.0			
1,2-Dichlorobenzene	2.1743 2.2119	2.0252	1.8963	2.0189	1.8309	Ave		2.0262			0.4000	7.4		20.0			
p-Diethylbenzene	1.8281 2.5366	1.9731	2.0772	2.2565	2.0091	Ave		2.1134				11.8		20.0			
n-Butylbenzene	2.1896 3.0387	2.2247	2.2927	2.5209	2.3055	Ave		2.4287				13.2		20.0			
1,2-Dibromo-3-Chloropropane	0.2081 0.2179	0.1905	0.1720	0.1909	0.1912	Ave		0.1951			0.0500	8.2		20.0			
1,2,4,5-Tetramethylbenzene	3.8873 4.0064	3.6171	3.7968	4.3294	3.8213	Ave		3.9097				6.2		20.0			
1,3,5-Trichlorobenzene	1.8503 1.7498	1.5583	1.5587	1.6660	1.4424	Ave		1.6376				9.0		20.0			
1,2,4-Trichlorobenzene	1.3861 1.6410	1.3010	1.2723	1.4306	1.3686	Ave		1.3999			0.2000	9.4		20.0			
Hexachlorobutadiene	0.8634 0.9616	0.7668	0.7264	0.7431	0.7660	Ave		0.8045				11.2		20.0			
Naphthalene	3.5983 3.4112	2.9409	3.0083	3.2854	3.4186	Ave		3.2771				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	1.5697 1.5841	1.2579	1.2573	1.3337	1.3691	Ave		1.3953				10.6		20.0			
Dibromofluoromethane (Surr)	0.3469 0.3421	0.3050	0.3307	0.3432	0.3122	Ave		0.3300				5.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4191 0.4146	0.3660	0.3964	0.4125	0.3876	Ave		0.3994				5.1		20.0			
Toluene-d8 (Surr)	2.0294 1.9017	1.6539	1.8482	1.9005	1.8359	Ave		1.8616				6.6		20.0			
4-Bromofluorobenzene	0.8461 0.9442	0.8770	0.9086	0.9358	0.8870	Ave		0.8998				4.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-717631/4	B62314.D
Level 2	STD5 460-717631/5	B62315.D
Level 3	STD20 460-717631/6	B62316.D
Level 4	STD50 460-717631/7	B62317.D
Level 5	STD200 460-717631/8	B62318.D
Level 6	STD500 460-717631/9	B62319.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	381 +++++	3001	8576	19989	+++++	1.00 +++++	5.00	20.0	50.0	+++++
1,1-Difluoroethane	FB	Ave	5668 1473264	34793	151357	387649	577093	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	7792 4201922	48768	173796	488591	1619802	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	10161 3522898	61101	210553	545465	1396187	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	10866 7943517	80067	317364	826647	3122664	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	8843 5166804	47926	210374	538544	2013190	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	8610 5337255	50440	210489	542732	2036517	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	6303 3513775	32349	129600	348368	1309027	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4619 3040088	26592	110055	310154	1177827	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11502 7674641	66165	269689	737580	2846849	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	8331 5398029	48609	190661	531909	2026310	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	2037 1418628	13049	53355	145543	523863	2.00 1000	10.0	40.0	100	400
Ethanol	TBAd 9	Ave	1031 866247	5564	30702	75412	333201	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	4643 3075391	26566	107756	300334	1201018	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	6268 3994236	34909	152629	427355	1546650	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	4691 3013188	28461	103815	277050	1083894	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	8096 5324573	52138	196240	491809	1972787	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	76018 543833	128411	246524	319908	438264	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	5127 3261420	26655	115773	260825	1157484	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	5923 3553305	28103	128286	285277	1166340	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	9850 6148277	38985	197780	441246	2346590	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	9031 5731895	40695	174915	448284	1778185	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16188 14108609	90210	392061	1053103	4337959	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	4716 3501901	19194	97390	277258	1193882	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	8700 6384718	43111	193295	501230	2077111	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	QuaF	4662 5475038	39304	166336	477080	2013245	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	3317 2589469	22899	109112	264227	961034	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	5359 3229481	29178	115483	304211	1233462	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	9238 4103392	35648	143309	358009	1633907	10.0 5000	50.0	200	500	2000
Acrylonitrile	TBAd9	Ave	19569 11731881	98860	408916	1069844	4574598	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	4642 3058208	24005	107256	285982	1147256	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	13381 7819609	67829	282334	749986	3097447	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	8479 5587897	48391	199143	556477	2183297	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9556 6037871	54487	207543	600150	2344328	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	1443 985560	7261	31511	85645	376197	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	3961 2618066	22409	94580	264897	1024743	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	19944 11781815	113716	430510	1259610	4756358	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	5672 2833643	25778	115590	313105	1157366	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2006 1284451	11504	49463	135897	498106	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5086 2957513	26365	111219	296380	1159271	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2692 1468864	13529	51335	141223	611725	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	7063 3768621	32981	137953	375869	1505897	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	605 471120	3864	18080	43385	185908	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	2862 1344859	10733	47080	125781	516271	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	16883 10330216	87971	362516	999718	4073940	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	QuaF	633 671179	6348	24314	64761	266614	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	7686 4808678	41985	171233	476035	1873536	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6577 4084076	35348	143628	394559	1540872	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6609 4585486	39686	162635	444560	1748428	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6014 4054756	34595	143306	388429	1570773	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4783 3482578	27051	115746	313040	1292266	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	18925 11922557	97394	419600	1088105	4513675	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5938 3721753	31312	127996	339911	1438331	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	3025 2832765	19878	93844	189580	1083173	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	16619 9318799	77368	339815	910981	3760008	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	8093 6126321	54460	227588	594844	2437602	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4412 2872378	21537	94272	255183	1055488	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	1155 1406230	3569	27969	82837	460363	25.0 12500	125	500	1250	5000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	7524 6027099	44821	200661	525791	2174744	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	11893 9509399	64985	290205	769236	3340075	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5381 3522961	24537	110157	298058	1269906	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2611 1625678	11814	51161	139037	596256	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	706 655011	4895	20347	51620	218939	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	1516 1153385	7365	37576	98457	426768	2.00 1000	10.0	40.0	100	400
Dichlorobromomethane	FB	Ave	5182 3909035	25345	115305	308868	1420084	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2582 1393251	9030	38366	102493	484018	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1560 +++++	6720	33463	88758	417266	1.00 +++++	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	7311 6054607	35616	170490	445668	2124478	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	5745 5010681	31839	136477	379245	1713616	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	32194 17218770	129623	550668	1415420	6273448	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	17364 12622239	89677	394088	1039456	4403710	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	4278 4041885	25850	114622	308429	1428061	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2901 1924339	15874	61860	162041	704210	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	3847 2691937	20663	85836	235265	978309	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	5208 3998699	30644	130557	326560	1444378	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	14721 10911938	69022	368152	908288	4034579	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	2885 2366659	14483	66945	178248	833574	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2585 2079749	14632	66249	170938	738079	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	9739 7185452	53970	226830	593223	2485102	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3907 2585509	18428	79374	211806	942646	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	5717 4133969	30439	132773	344421	1474573	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	7140 5089484	36585	164254	424699	1790784	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	6896 5141003	40153	171032	442412	1827577	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	9405 8288386	56104	250393	681197	2862990	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	2345 1865040	12922	57574	161090	680374	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	1544 1431340	8492	36546	104846	501438	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	6567 5564040	39601	190848	527107	1990511	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	15028 14226168	106449	452257	1201529	4933142	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	4233 2784815	23416	96003	245851	1014664	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1373 750290	6919	27348	62641	277252	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5186 3203899	26725	106584	272148	1168516	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1396 966219	6719	29896	81774	356246	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	4291 3642386	27674	119673	301671	1287850	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	4168 3089381	22102	100317	261412	1088916	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	16293 12778201	91844	427166	1115025	4530681	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	13471 11123802	77541	365205	933220	3986629	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	13904 12161766	78763	370402	985995	4400034	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	10716 9785353	58411	303952	811600	3560718	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	13254 12121500	79132	395288	1017906	4493653	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	16379 16036832	98179	504130	1287052	5815297	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichlorobenzene	DCBd 4	Ave	7809 5489453	42499	200083	476685	2035807	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	9022 5493901	42515	190140	479613	1957194	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	15056 13410557	82576	406198	1042601	4535442	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	15742 12440621	82996	402907	1032184	4212989	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	1404 958741	5600	28639	78990	340700	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	16324 11252419	82344	367972	961416	3859997	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	9509 6032001	46009	188970	501825	2044140	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	7995 6917442	44827	206998	560884	2243085	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	9576 8286588	50542	228474	626596	2573948	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	910 594331	4327	17144	47440	213469	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	17001 10925688	82174	378359	1076141	4266268	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	8092 4771844	35403	155327	414101	1610362	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	6062 4475080	29556	126786	355591	1527956	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	3776 2622308	17420	72384	184706	855229	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	15737 9302635	66813	299777	816630	3816627	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	6865 4319801	28577	125286	331504	1528571	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	193055 237270	183842	209498	220803	235980	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	233219 287558	220674	251128	265391	292986	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	769444 1008149	714044	821007	860399	963477	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	185028 257493	199232	226354	232618	247559	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 717631

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/18/2020 10:22 Calibration End Date: 08/18/2020 12:20 Calibration ID: 81618

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Aug-2020 10:22:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0115309-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 10:55:27 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 18-Aug-2020 12:02:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.654	0.666	-0.012	27	381	1.00	0.9195	a
2 1,1-Difluoroethane	51	0.685	0.697	-0.012	95	5668	1.00	1.14	
3 Dichlorodifluoromethane	85	0.709	0.727	-0.018	29	7792	1.00	1.03	M
4 Chlorodifluoromethane	51	0.727	0.733	-0.006	6	10161	1.00	1.20	a
5 Chloromethane	50	0.801	0.813	-0.012	98	10866	1.00	0.8345	M
6 Butadiene	54	0.837	0.843	-0.006	85	8843	1.00	1.02	M
7 Vinyl chloride	62	0.849	0.855	-0.006	96	8610	1.00	0.9818	
8 Bromomethane	94	0.990	0.996	-0.006	99	6303	1.00	1.10	M
9 Chloroethane	64	1.014	1.026	-0.012	68	4619	1.00	0.9576	M
10 Dichlorofluoromethane	67	1.124	1.136	-0.012	97	11502	1.00	0.9704	
11 Trichlorofluoromethane	101	1.154	1.148	0.006	53	8331	1.00	0.9801	M
12 Pentane	72	1.166	1.178	-0.012	96	2037	2.00	1.81	
13 Ethyl ether	59	1.270	1.288	-0.018	56	4643	1.00	0.9662	M
14 Ethanol	46	1.252	1.294	-0.042	30	1031	40.0	31.7	
15 2-Methyl-1,3-butadiene	53	1.276	1.294	-0.018	90	6268	1.00	0.9665	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.319	1.300	0.019	73	4691	1.00	1.00	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.319	1.343	-0.024	43	8096	1.00	0.9590	M
18 Acrolein	56	1.343	1.355	-0.012	96	76018	100.0	103.9	
19 1,1-Dichloroethene	96	1.392	1.404	-0.012	94	5127	1.00	1.06	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.429	1.441	-0.013	36	5923	1.00	1.12	
21 Acetone	43	1.429	1.447	-0.019	71	9850	5.00	5.94	M
22 Iodomethane	142	1.471	1.489	-0.018	94	9031	1.00	1.14	
23 Carbon disulfide	76	1.508	1.520	-0.012	96	16188	1.00	0.9087	
24 Isopropyl alcohol	45	1.550	1.556	-0.006	7	4716	10.0	9.75	Ma
25 3-Chloro-1-propene	39	1.593	1.617	-0.024	91	8700	1.00	1.01	
26 Methyl acetate	43	1.618	1.636	-0.018	21	4662	2.00	1.39	M
27 Acetonitrile	39	1.642	1.660	-0.018	29	3317	10.0	7.60	Ma
28 Methylene Chloride	84	1.685	1.691	-0.006	91	5359	1.00	1.04	
* 29 TBA-d9 (IS)	65	1.758	1.770	-0.012	0	436706	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.806	1.819	-0.013	28	9238	10.0	12.8	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.849	1.849	0.000	94	19569	10.0	10.1	
32 trans-1,2-Dichloroethene	96	1.849	1.867	-0.018	72	4642	1.00	1.00	
33 Methyl tert-butyl ether	73	1.867	1.880	-0.013	88	13381	1.00	1.07	M
34 Hexane	57	2.050	2.056	-0.006	91	8479	1.00	0.9637	M
35 1,1-Dichloroethane	63	2.136	2.154	-0.018	88	9556	1.00	1.00	
36 2-Chloro-1,3-butadiene	88	2.203	2.215	-0.012	66	3961	1.00	0.9580	
37 Vinyl acetate	86	2.227	2.215	0.012	98	1443	2.00	2.10	a
38 Isopropyl ether	45	2.233	2.239	-0.006	86	19944	1.00	1.01	
39 Tert-butyl ethyl ether	87	2.520	2.520	0.000	0	5672	1.00	1.14	M
* 40 2-Butanone-d5	46	2.587	2.593	-0.006	0	346580	250.0	250.0	
42 2,2-Dichloropropane	79	2.587	2.605	-0.018	47	2006	1.00	0.9592	M
41 cis-1,2-Dichloroethene	96	2.605	2.611	-0.006	87	5086	1.00	1.05	
43 2-Butanone (MEK)	72	2.636	2.654	-0.018	22	2692	5.00	5.84	a
44 Propionitrile	54	2.697	2.690	0.007	88	7063	10.0	11.9	
45 Ethyl acetate	70	2.721	2.721	0.000	30	605	2.00	1.77	
46 Chlorobromomethane	128	2.794	2.806	-0.012	52	2862	1.00	1.31	
47 Methacrylonitrile	67	2.818	2.818	0.000	92	16883	10.0	10.3	
48 Tetrahydrofuran	72	2.867	2.867	0.000	62	633	2.00	1.46	
49 Chloroform	83	2.904	2.898	0.006	94	7686	1.00	1.01	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.044	-0.006	96	193055	50.0	52.6	
50 1,1,1-Trichloroethane	97	3.038	3.050	-0.012	36	6577	1.00	1.03	
52 Cyclohexane	84	3.081	3.099	-0.018	46	6609	1.00	0.9317	
53 Carbon tetrachloride	117	3.196	3.209	-0.013	78	4783	1.00	0.9372	
54 1,1-Dichloropropene	75	3.209	3.209	0.000	61	6014	1.00	0.9571	a
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.355	-0.006	0	233219	50.0	52.5	
56 Benzene	78	3.398	3.398	0.000	92	18925	1.00	1.08	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	92	5938	1.00	1.03	
58 Isobutyl alcohol	42	3.495	3.483	0.012	1	3025	25.0	18.9	
59 Tert-amyl methyl ether	73	3.550	3.574	-0.024	84	16619	1.00	1.10	
* 60 Fluorobenzene	96	3.709	3.721	-0.012	98	556483	50.0	50.0	
61 n-Heptane	43	3.757	3.769	-0.012	43	8093	1.00	0.8484	a
62 Trichloroethene	95	4.129	4.141	-0.012	94	4412	1.00	1.04	
63 n-Butanol	43	4.300	4.263	0.037	1	1155	25.0	19.8	
65 Ethyl acrylate	55	4.355	4.355	0.000	89	11893	1.00	0.9208	
64 Methylcyclohexane	83	4.330	4.355	-0.025	81	7524	1.00	0.8786	M
66 1,2-Dichloropropane	63	4.379	4.397	-0.018	45	5381	1.00	1.07	M
67 Dibromomethane	93	4.538	4.538	0.000	37	2611	1.00	1.10	
* 68 1,4-Dioxane-d8	96	4.586	4.574	0.012	0	27103	1000.0	1000.0	
69 1,4-Dioxane	88	4.672	4.653	0.019	31	706	20.0	17.3	M
70 Methyl methacrylate	100	4.672	4.660	0.012	85	1516	2.00	1.88	
71 Dichlorobromomethane	83	4.788	4.788	0.000	96	5182	1.00	0.9787	
72 2-Nitropropane	41	5.111	5.117	-0.006	49	2582	2.00	2.64	M
73 2-Chloroethyl vinyl ether	63	5.294	5.294	0.000	1	1560	1.00	1.06	a
74 Epichlorohydrin	57	5.342	5.318	0.024	63	7311	20.0	19.7	Ma
75 cis-1,3-Dichloropropene	75	5.428	5.428	0.000	95	5745	1.00	0.9349	a
76 4-Methyl-2-pentanone (MIBK)	43	5.745	5.739	0.006	94	32194	5.00	6.49	a
$ 77 Toluene-d8 (Surr)	98	5.794	5.800	-0.006	98	769444	50.0	54.5	
78 Toluene	91	5.879	5.897	-0.018	97	17364	1.00	1.03	M
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	91	4278	1.00	0.8609	a
80 1,1,2-Trichloroethane	83	6.592	6.598	-0.006	91	2901	1.00	1.07	
81 Tetrachloroethene	166	6.757	6.757	0.000	86	3847	1.00	1.03	
82 1,3-Dichloropropane	76	6.848	6.854	-0.006	95	5208	1.00	0.9594	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.141	7.141	0.000	99	14721	5.00	5.03	
84 Chlorodibromomethane	129	7.214	7.214	0.000	58	2885	1.00	0.9798	M
85 Ethylene Dibromide	107	7.336	7.336	0.000	47	2585	1.00	0.9408	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	89	379142	50.0	50.0	
87 Chlorobenzene	112	8.281	8.299	-0.018	82	9739	1.00	1.01	
88 1,1,1,2-Tetrachloroethane	131	8.512	8.525	-0.013	85	3907	1.00	1.11	M
89 Ethylbenzene	106	8.604	8.598	0.006	96	5717	1.00	1.02	
90 m-Xylene & p-Xylene	106	8.836	8.842	-0.006	96	7140	1.00	1.03	
92 o-Xylene	106	9.549	9.555	-0.006	91	6896	1.00	0.9710	
93 Styrene	104	9.598	9.598	0.000	90	9405	1.00	0.8879	
91 n-Butyl acrylate	73	9.756	9.768	-0.012	0	2345	1.00	0.9446	M
94 Bromoform	173	9.835	9.841	-0.006	54	1544	1.00	0.9074	M
95 Amyl acetate (mixed isomers)	43	10.238	10.232	0.006	63	6567	1.00	0.8114	
96 Isopropylbenzene	105	10.280	10.274	0.006	96	15028	1.00	0.8100	
$ 97 4-Bromofluorobenzene	174	10.488	10.482	0.006	91	185028	50.0	47.0	
98 Bromobenzene	156	10.665	10.664	0.001	90	4233	1.00	0.9875	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	81	1373	1.00	1.13	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	92	5186	1.00	1.05	
101 trans-1,4-Dichloro-2-butene	53	11.006	10.988	0.018	39	1396	1.00	1.00	
102 N-Propylbenzene	120	11.006	11.018	-0.012	98	4291	1.00	0.8288	
103 2-Chlorotoluene	126	11.055	11.061	-0.006	93	4168	1.00	0.9386	
104 4-Ethyltoluene	105	11.231	11.231	0.000	97	16293	1.00	0.8840	
105 4-Chlorotoluene	91	11.268	11.268	0.000	96	13471	1.00	0.8571	
106 1,3,5-Trimethylbenzene	105	11.353	11.359	-0.006	92	13904	1.00	0.8392	
107 tert-Butylbenzene	119	11.902	11.902	0.000	95	10716	1.00	0.8116	M
108 1,2,4-Trimethylbenzene	105	12.000	12.000	0.000	97	13254	1.00	0.7890	
109 sec-Butylbenzene	105	12.329	12.341	-0.012	98	16379	1.00	0.7645	a
110 1,3-Dichlorobenzene	146	12.432	12.432	0.000	87	7809	1.00	0.9383	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	96	218673	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.628	12.634	-0.006	56	9022	1.00	1.07	
113 4-Isopropyltoluene	119	12.682	12.688	-0.006	95	15056	1.00	0.8490	a
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	97	15742	1.00	0.9080	
115 Benzyl chloride	126	12.896	12.896	0.000	97	1404	1.00	1.05	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	91	16324	1.00	1.01	
117 1,2-Dichlorobenzene	146	13.140	13.133	0.007	89	9509	1.00	1.07	
118 p-Diethylbenzene	119	13.207	13.213	-0.006	93	7995	1.00	0.8650	
119 n-Butylbenzene	92	13.231	13.231	0.000	95	9576	1.00	0.9016	
120 1,2-Dibromo-3-Chloropropane	157	13.889	13.889	0.000	48	910	1.00	1.07	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	96	17001	1.00	0.99	
122 1,3,5-Trichlorobenzene	180	14.054	14.054	0.000	91	8092	1.00	1.13	
123 1,2,4-Trichlorobenzene	180	14.487	14.493	-0.006	91	6062	1.00	0.99	
124 Hexachlorobutadiene	225	14.627	14.627	0.000	92	3776	1.00	1.07	
125 Naphthalene	128	14.639	14.639	0.000	98	15737	1.00	1.10	
126 1,2,3-Trichlorobenzene	180	14.798	14.798	0.000	90	6865	1.00	1.13	
S 127 1,2-Dichloroethene, Total	100				0		2.00	2.05	
S 128 1,3-Dichloropropene, Total	100				0		2.00	1.80	
S 129 Xylenes, Total	100				0		2.00	2.00	
S 130 Total BTEX	1				0		5.00	5.13	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	1.00	Units: uL	
GASES Li_00381	Amount Added:	1.00	Units: uL	
524freon_00026	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Aug-2020 10:55:30 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D

Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2 Operator ID:

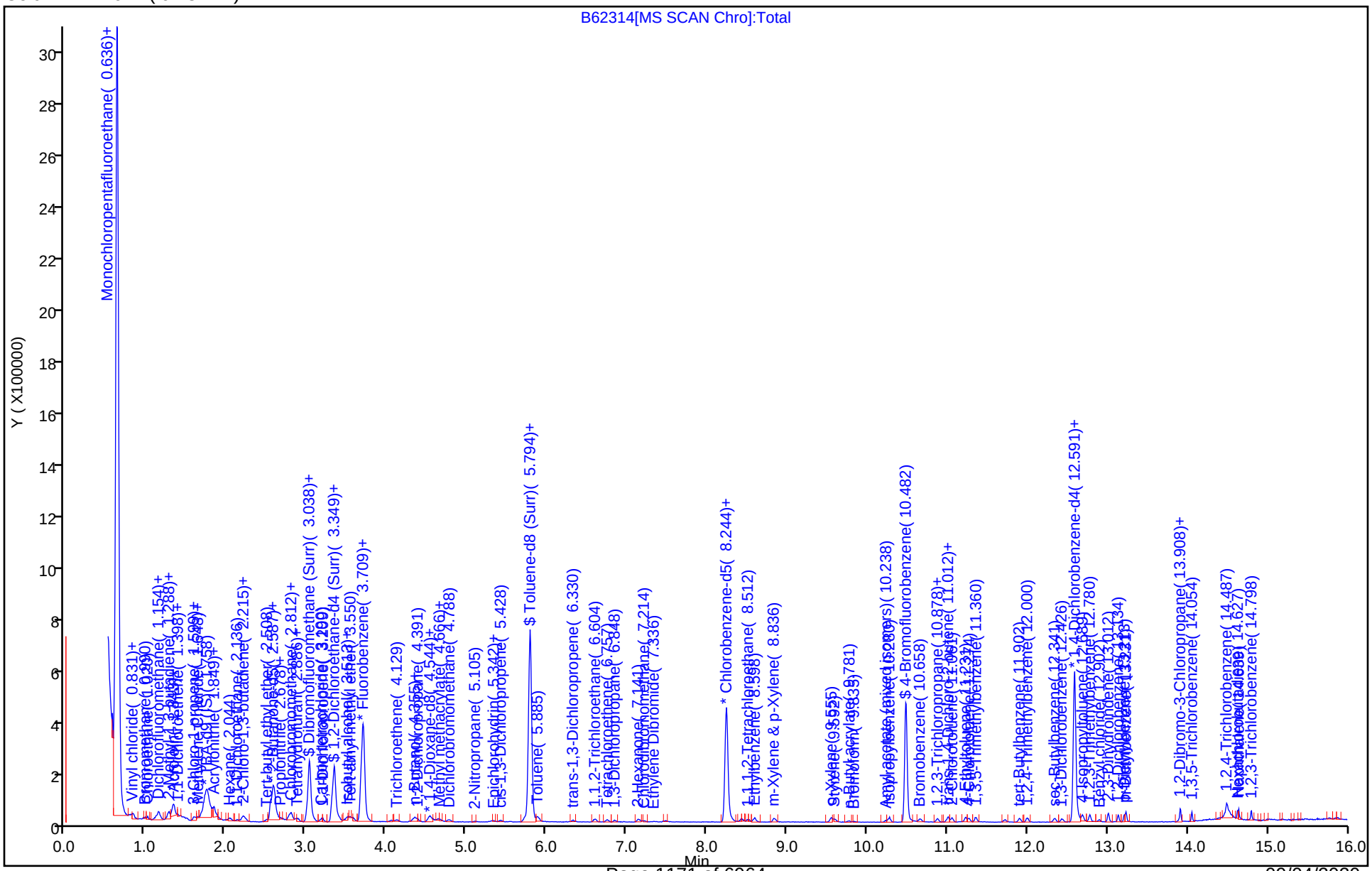
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

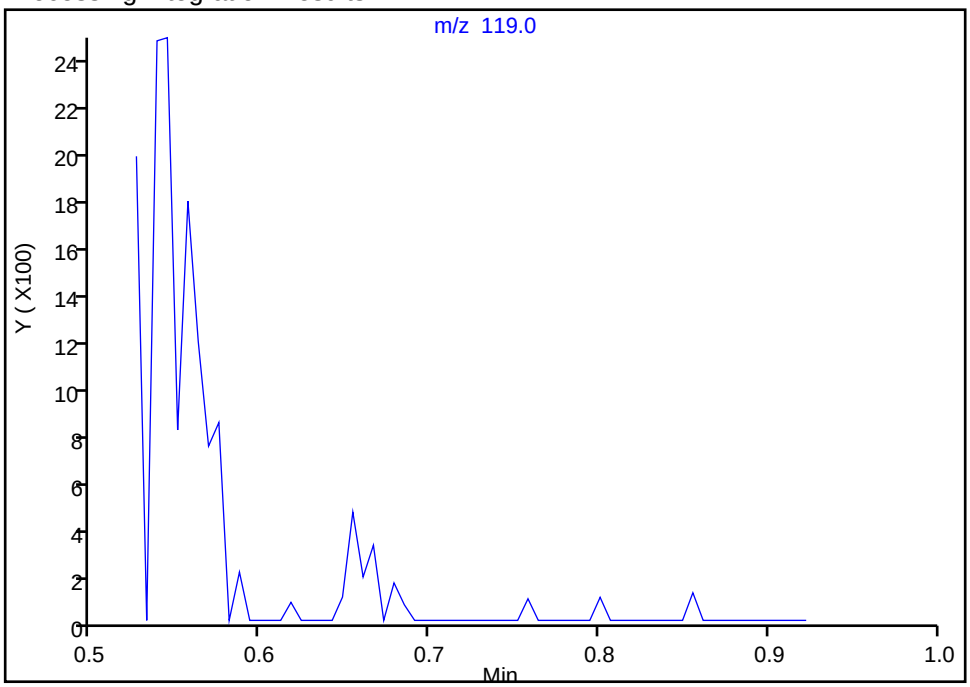
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

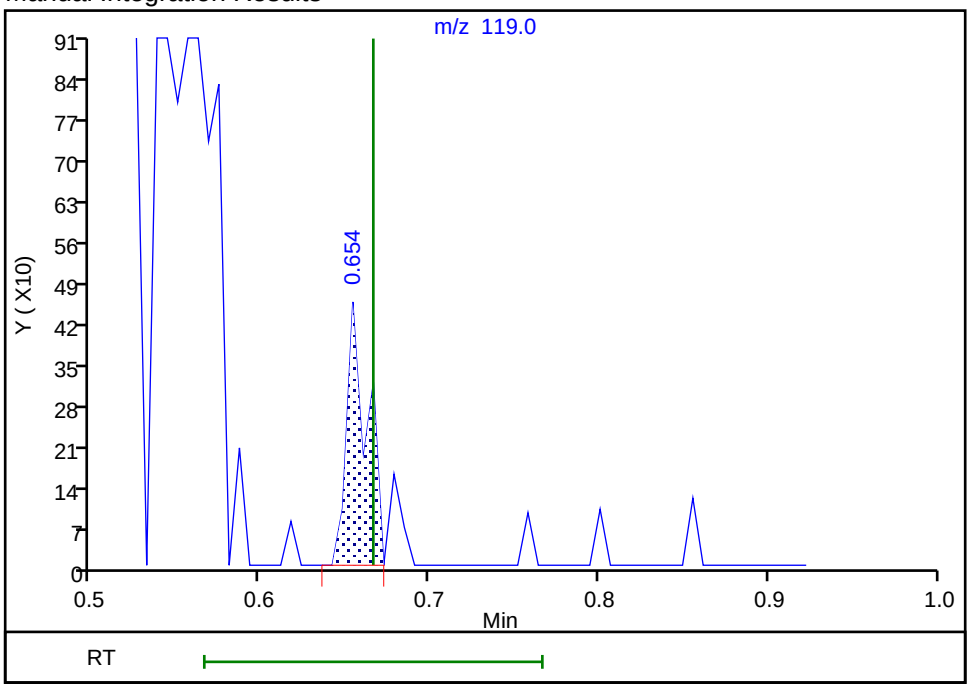
Not Detected
Expected RT: 0.67

Processing Integration Results



Manual Integration Results

RT: 0.65
Area: 381
Amount: 0.919479
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:18:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

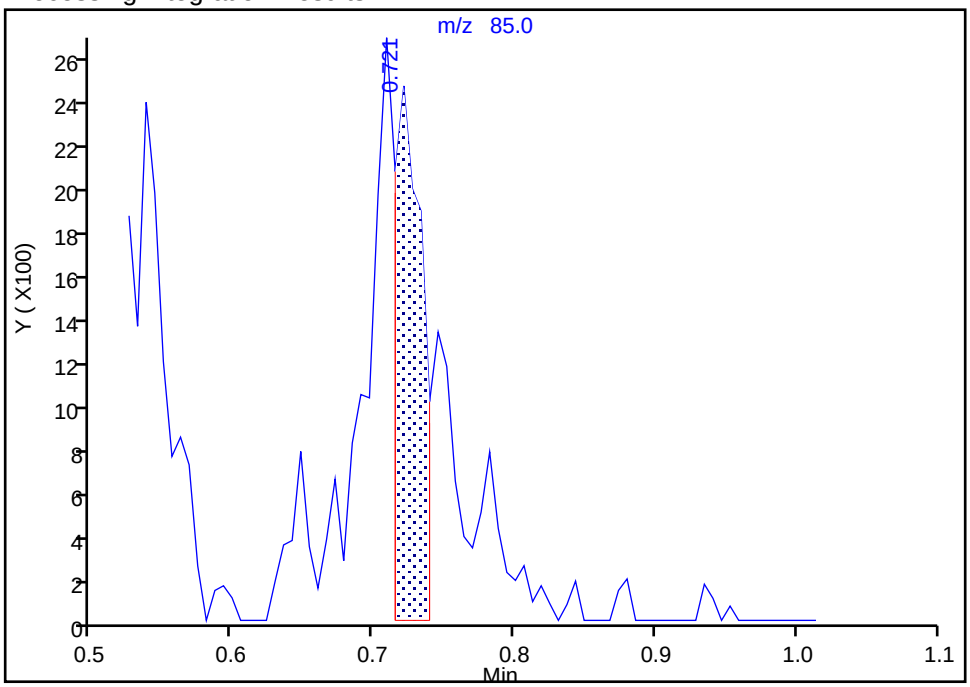
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

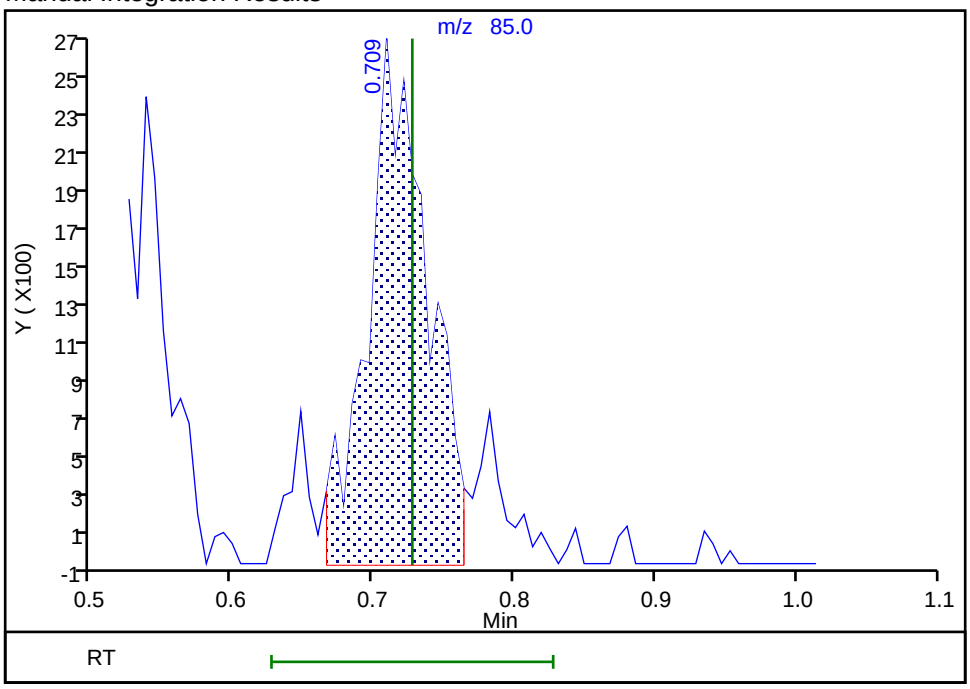
Processing Integration Results

RT: 0.72
Area: 3348
Amount: 0.000696
Amount Units: ug/l



Manual Integration Results

RT: 0.71
Area: 7792
Amount: 1.025585
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:18:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

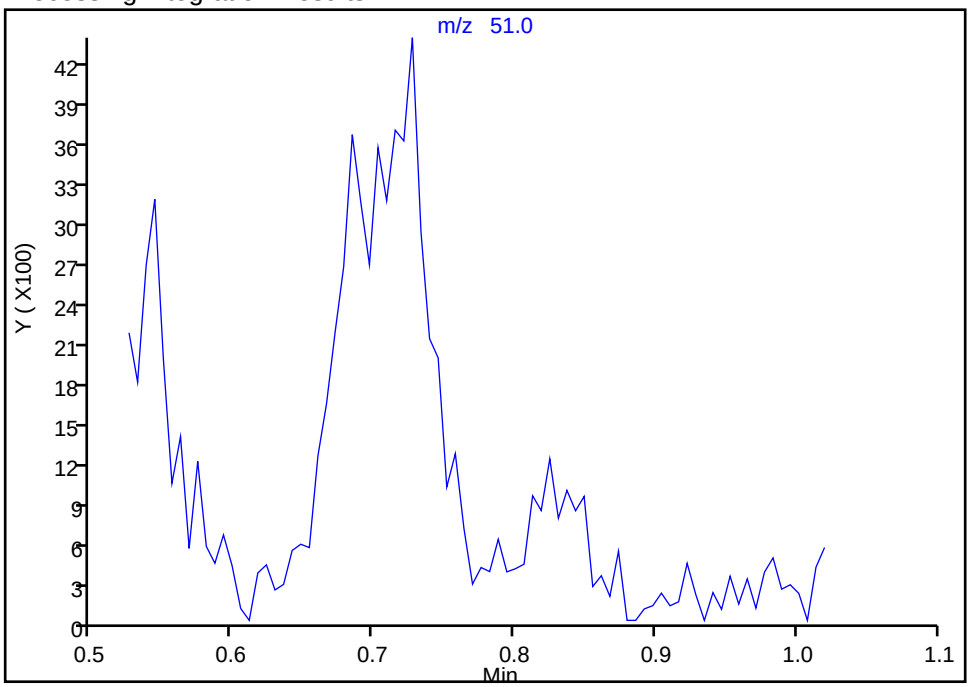
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

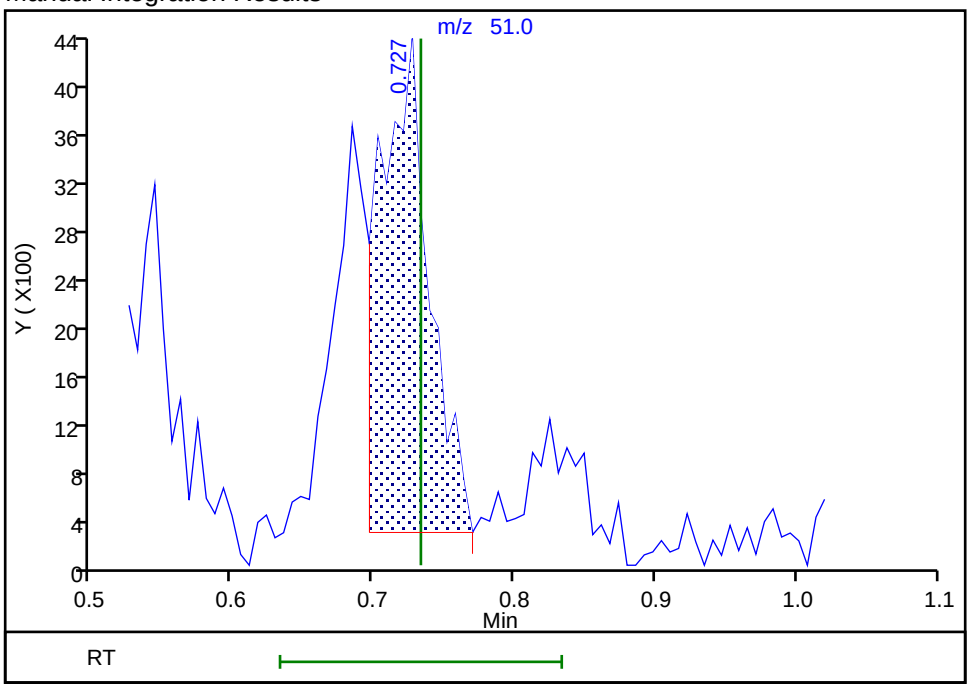
Not Detected
Expected RT: 0.73

Processing Integration Results



Manual Integration Results

RT: 0.73
Area: 10161
Amount: 1.197362
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:18:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

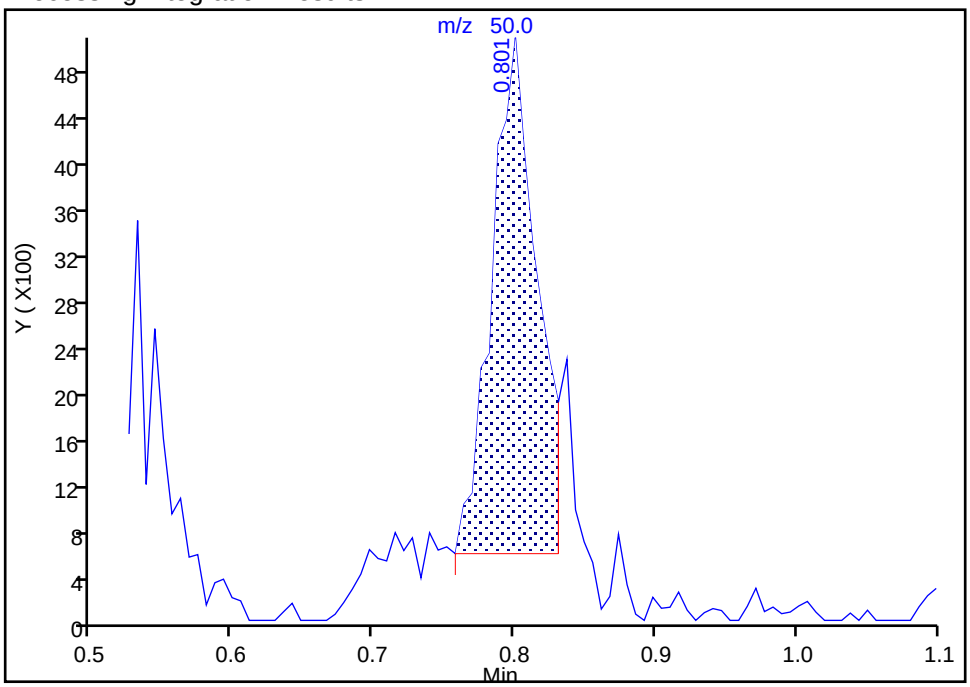
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

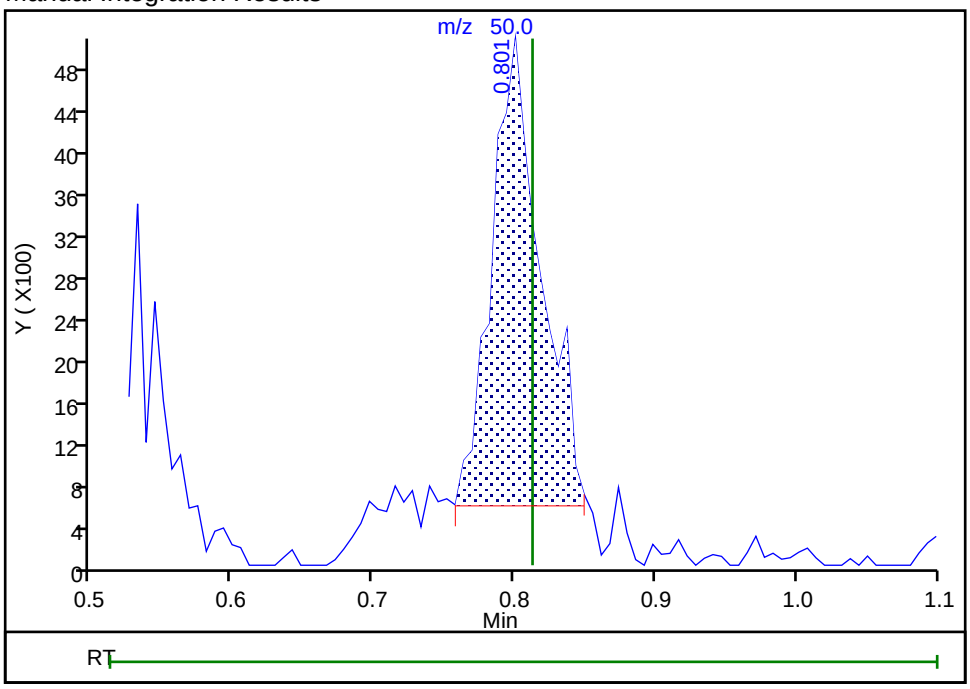
Processing Integration Results

RT: 0.80
Area: 10022
Amount: 0.001061
Amount Units: ug/l



Manual Integration Results

RT: 0.80
Area: 10866
Amount: 0.834482
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:19:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

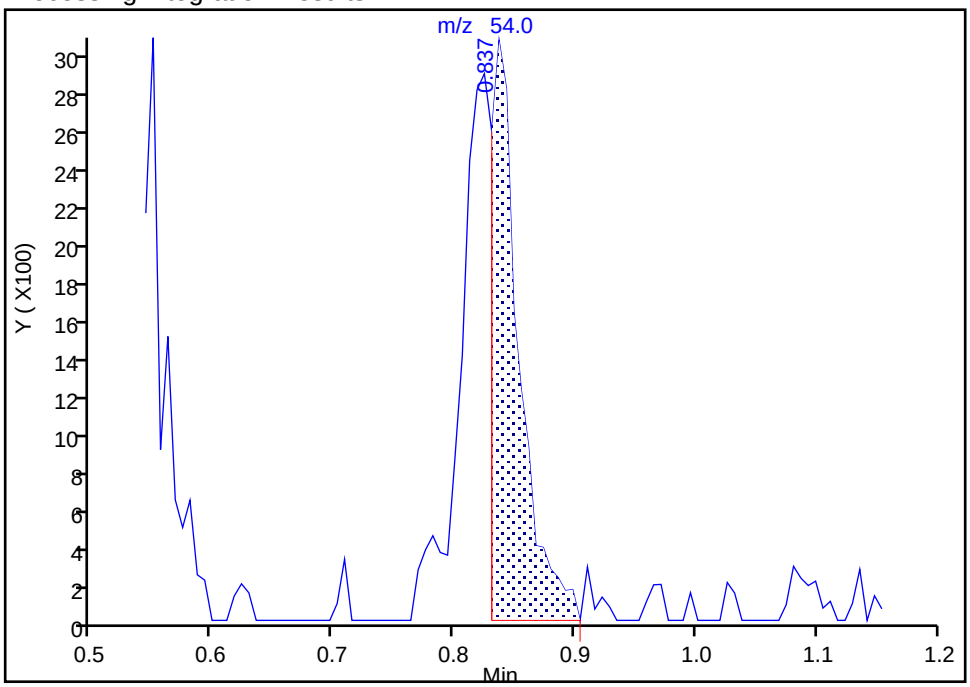
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Signal: 1

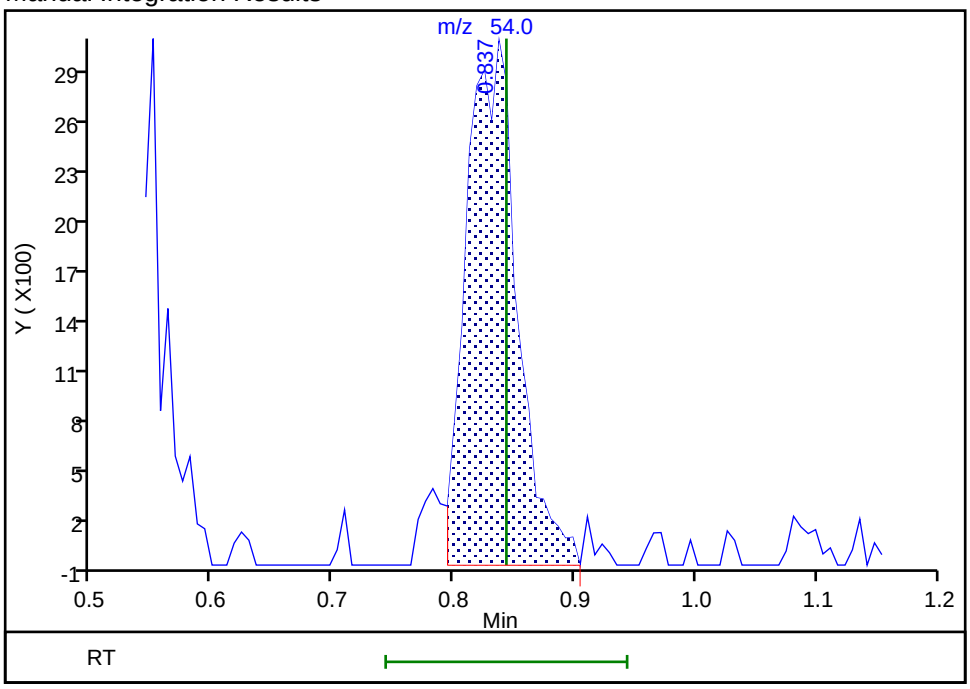
Processing Integration Results

RT: 0.84
Area: 4976
Amount: 0.000824
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 8843
Amount: 1.021363
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:19:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

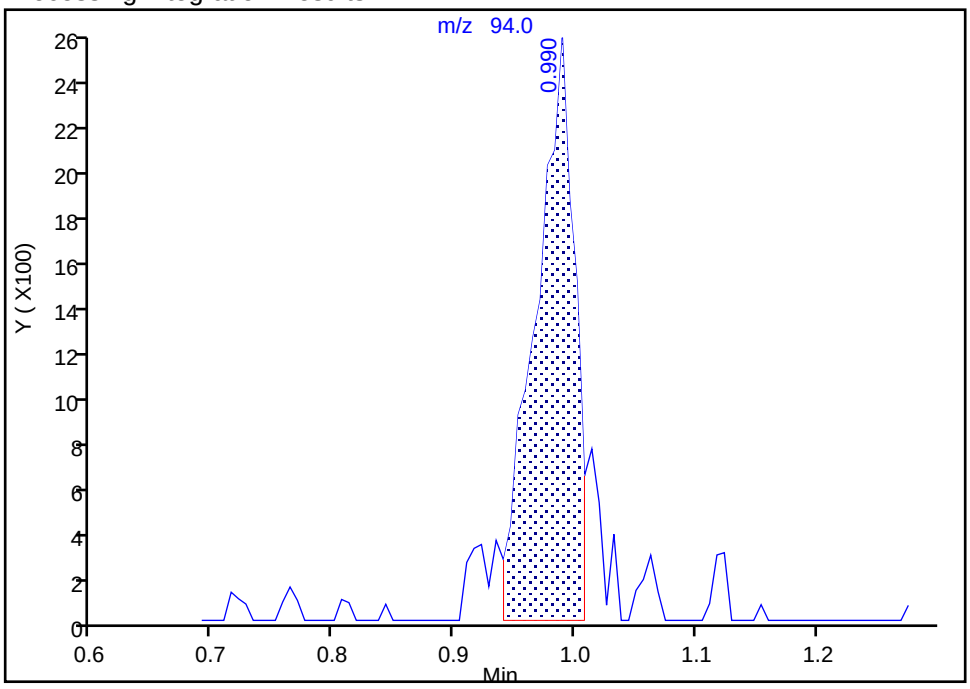
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Bromomethane, CAS: 74-83-9

Signal: 1

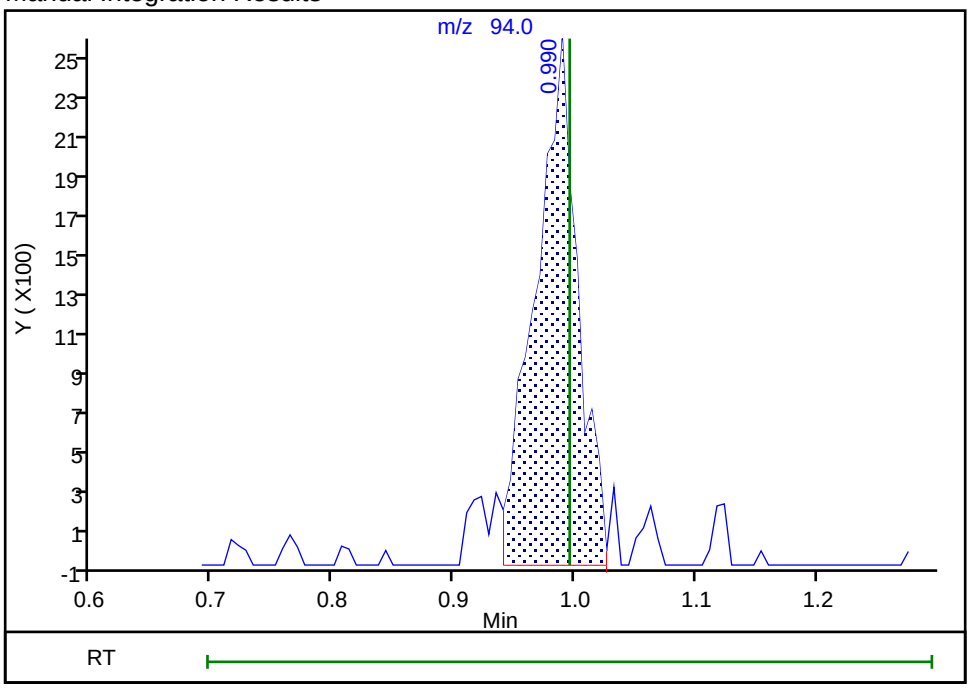
Processing Integration Results

RT: 0.99
Area: 5806
Amount: 0.001542
Amount Units: ug/l



Manual Integration Results

RT: 0.99
Area: 6303
Amount: 1.097749
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:19:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

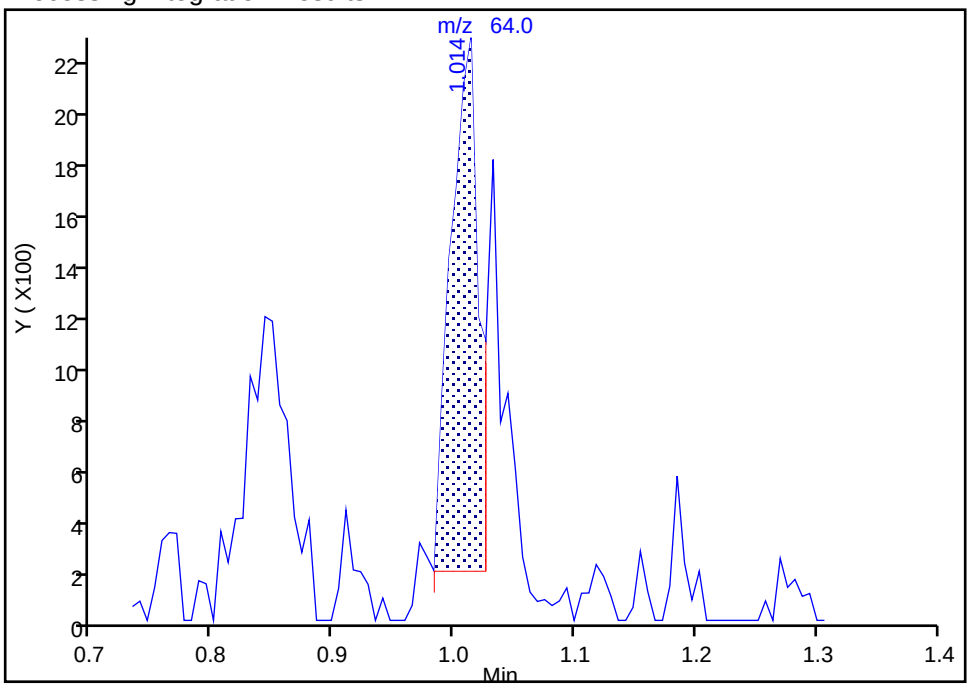
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Chloroethane, CAS: 75-00-3

Signal: 1

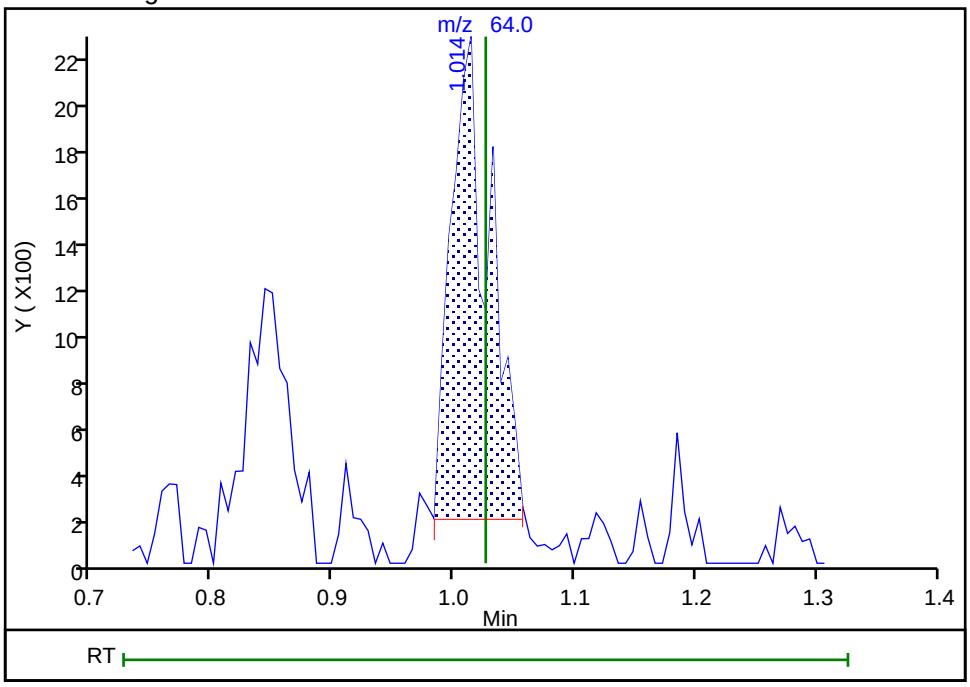
Processing Integration Results

RT: 1.01
Area: 3386
Amount: 0.000963
Amount Units: ug/l



Manual Integration Results

RT: 1.01
Area: 4619
Amount: 0.957599
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:19:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

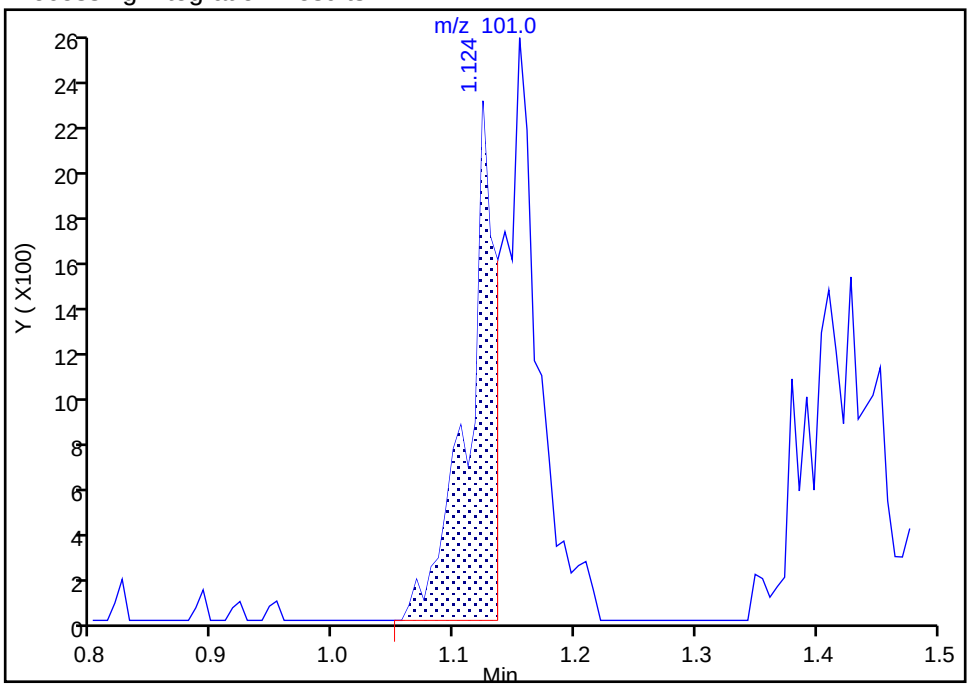
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

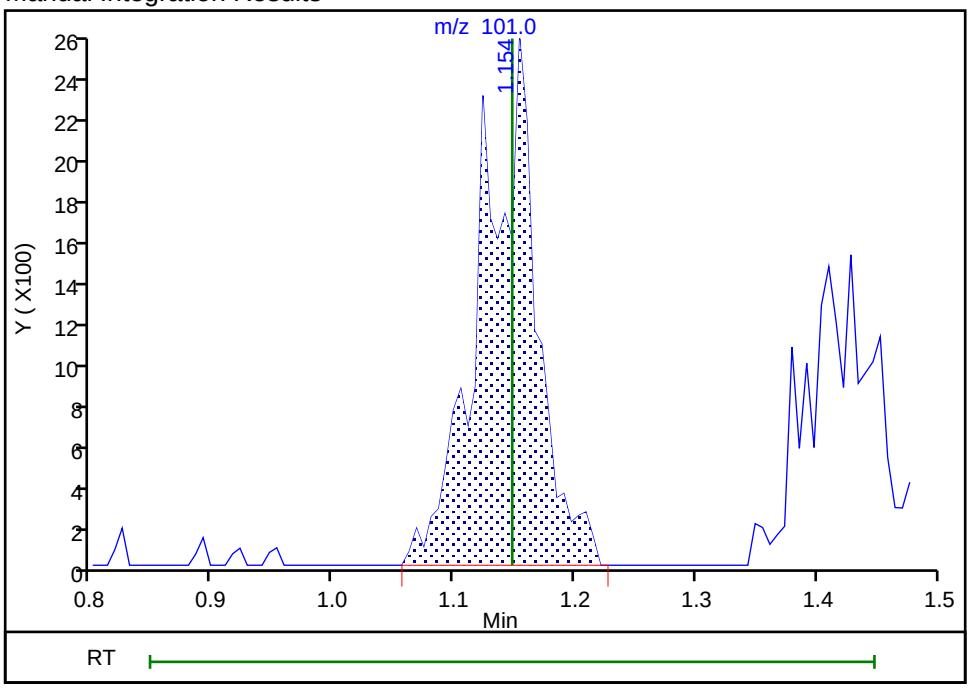
Processing Integration Results

RT: 1.12
Area: 3715
Amount: 0.000633
Amount Units: ug/l



Manual Integration Results

RT: 1.15
Area: 8331
Amount: 0.980096
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:19:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

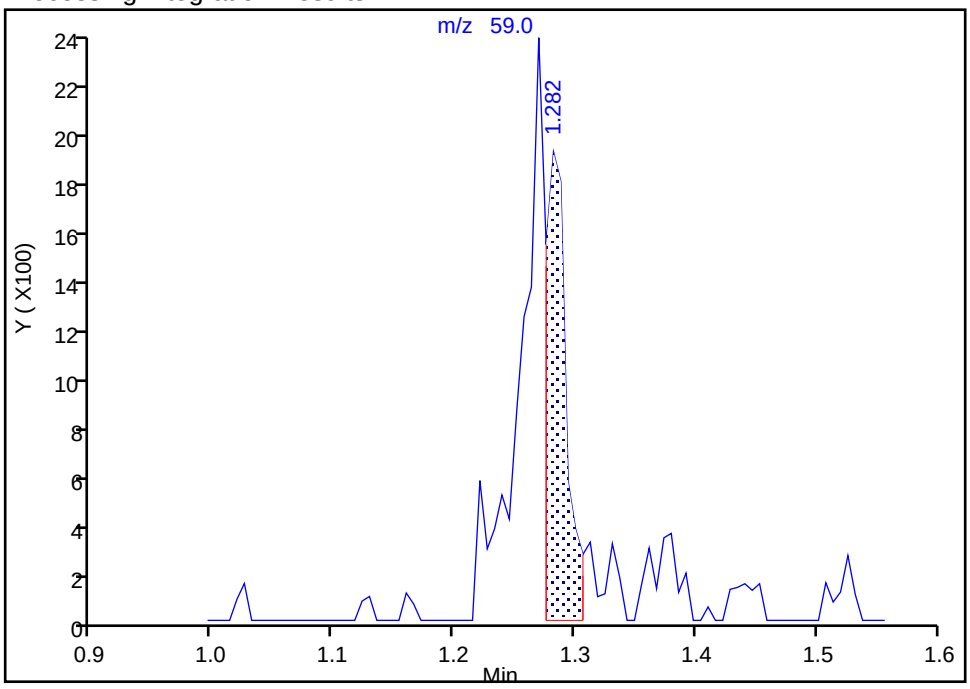
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Ethyl ether, CAS: 60-29-7

Signal: 1

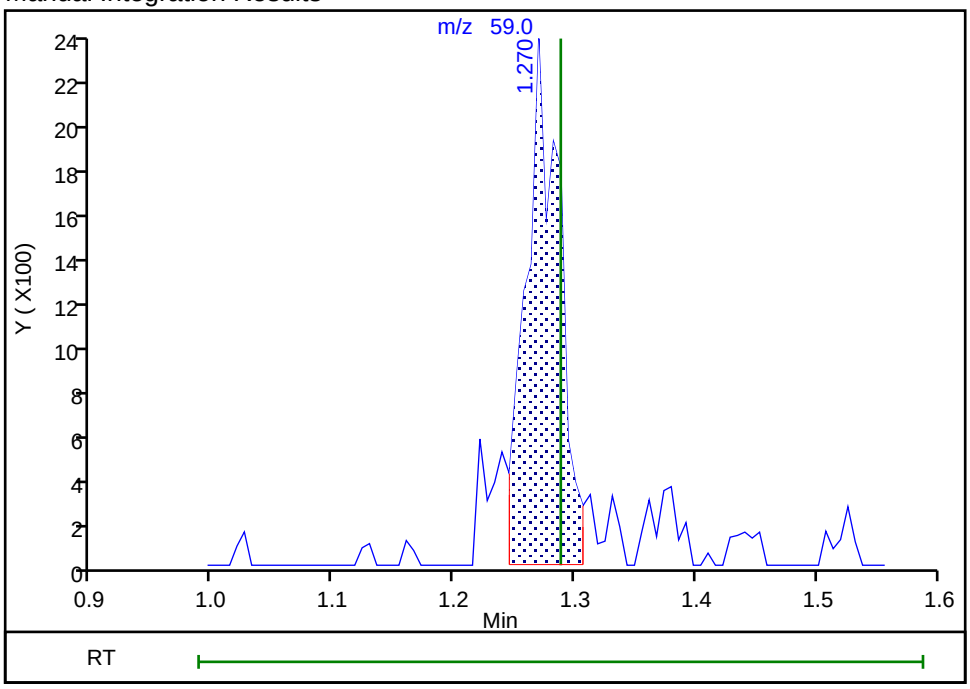
Processing Integration Results

RT: 1.28
Area: 2364
Amount: 0.000655
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 4643
Amount: 0.966234
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:20:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

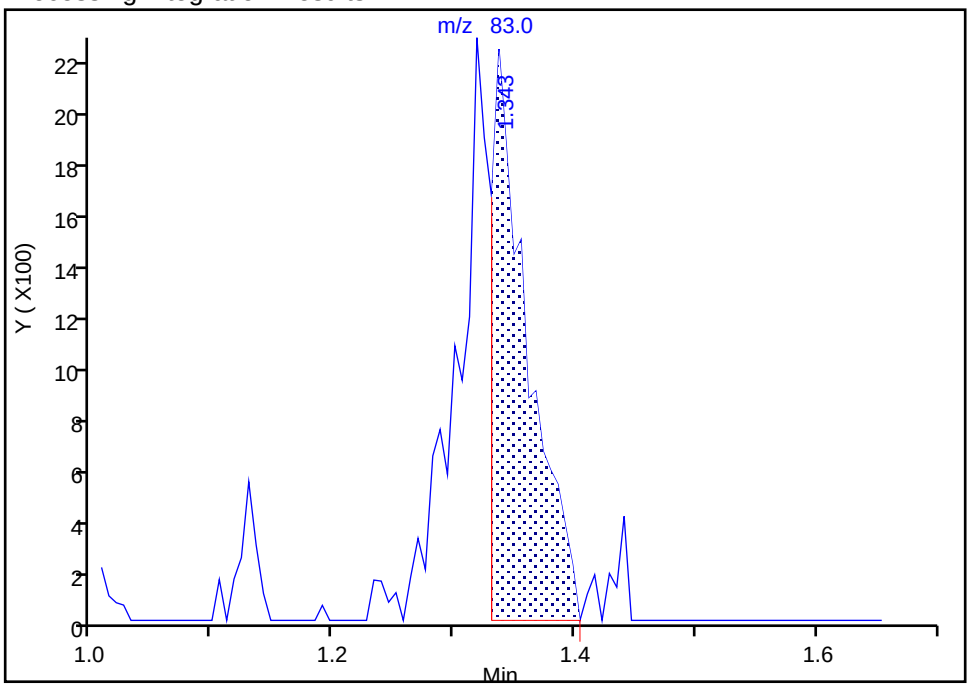
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

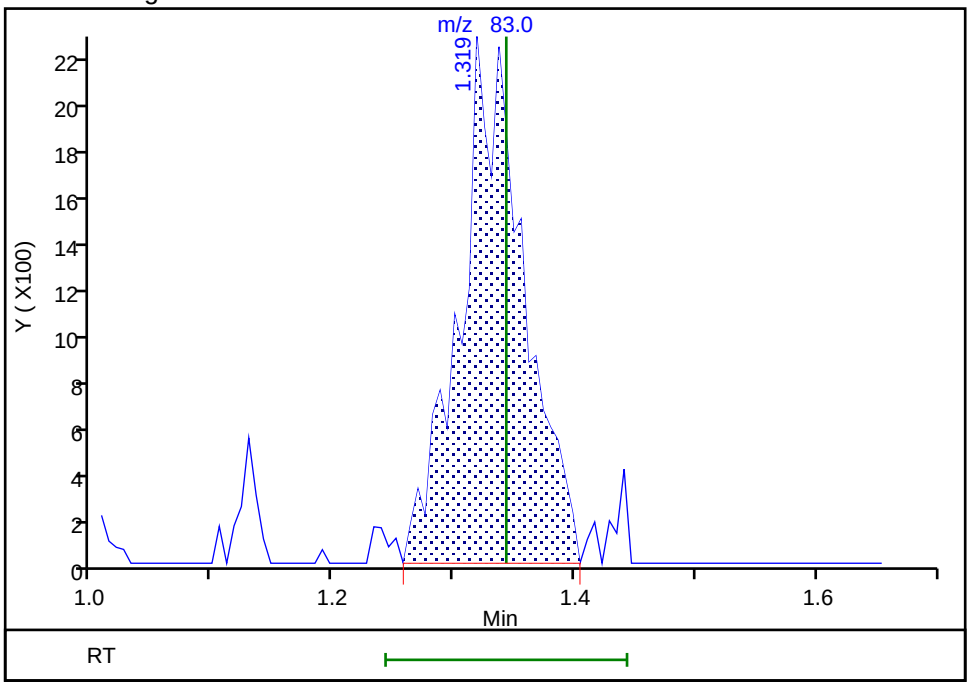
Processing Integration Results

RT: 1.34
Area: 4541
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 8096
Amount: 0.958976
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:20:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

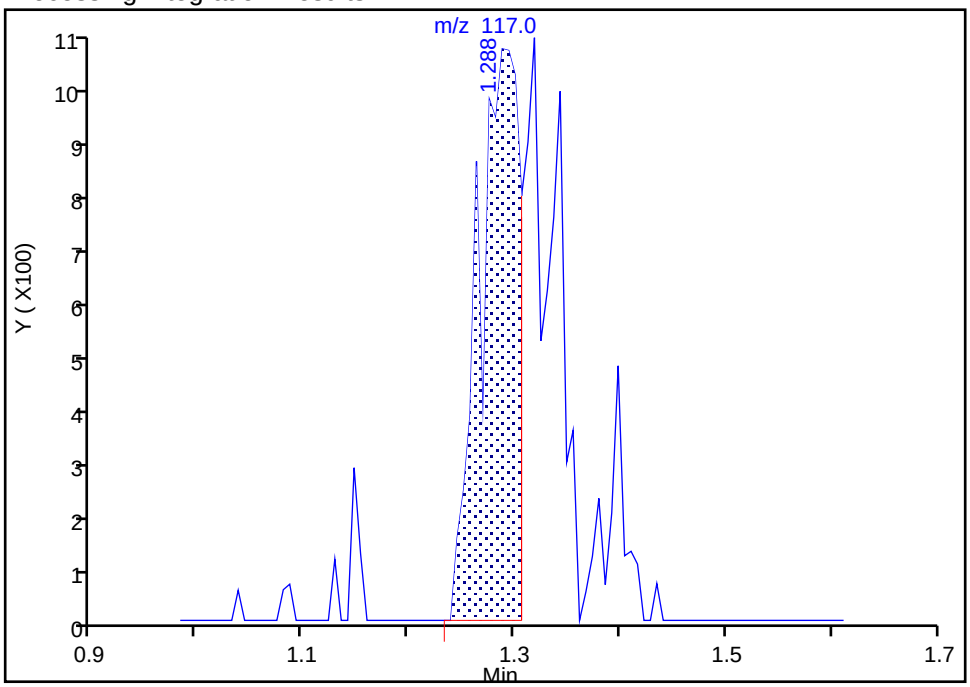
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

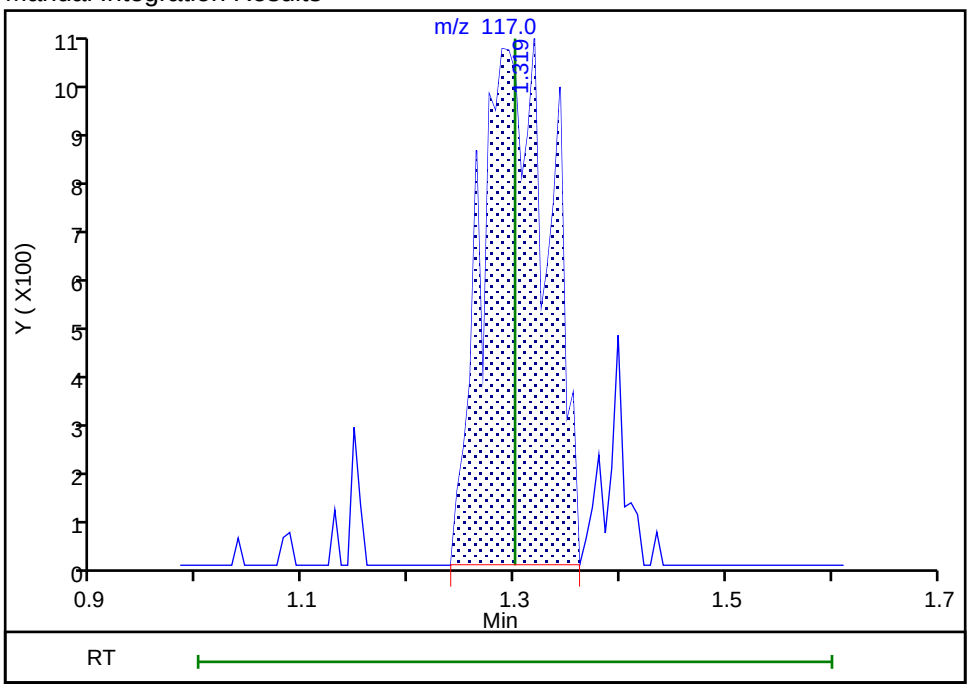
Processing Integration Results

RT: 1.29
Area: 2761
Amount: 0.000918
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 4691
Amount: 1.000835
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:20:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

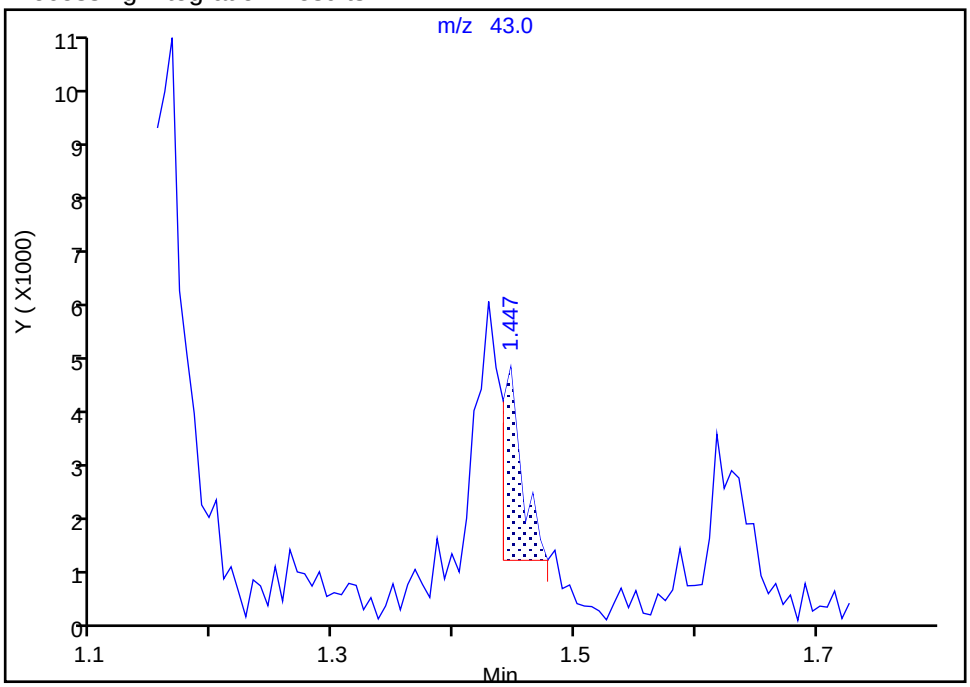
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

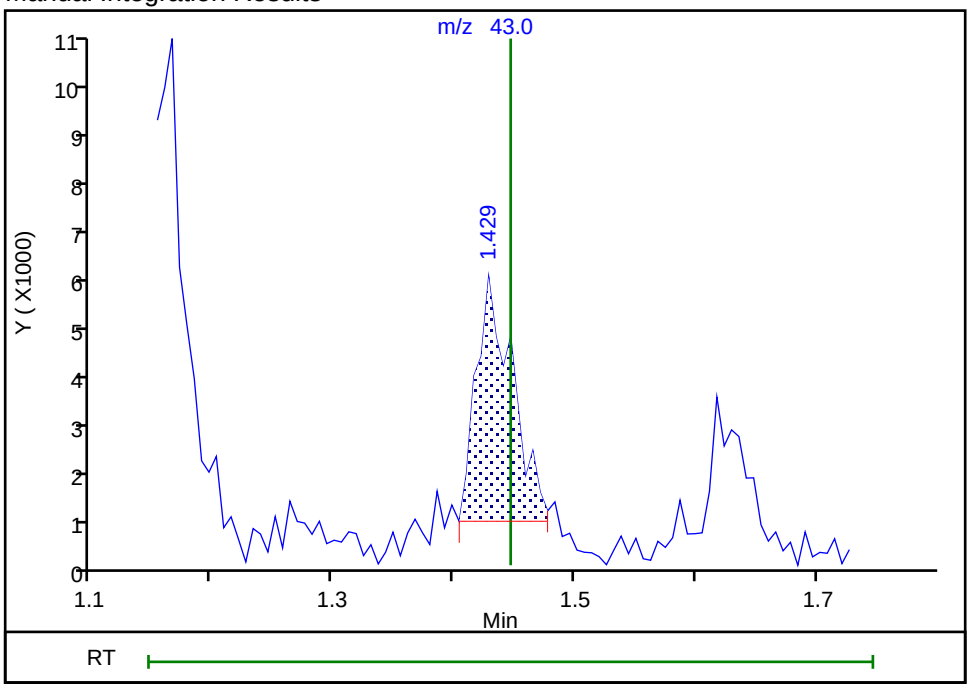
Processing Integration Results

RT: 1.45
Area: 3769
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 9850
Amount: 5.939933
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:20:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

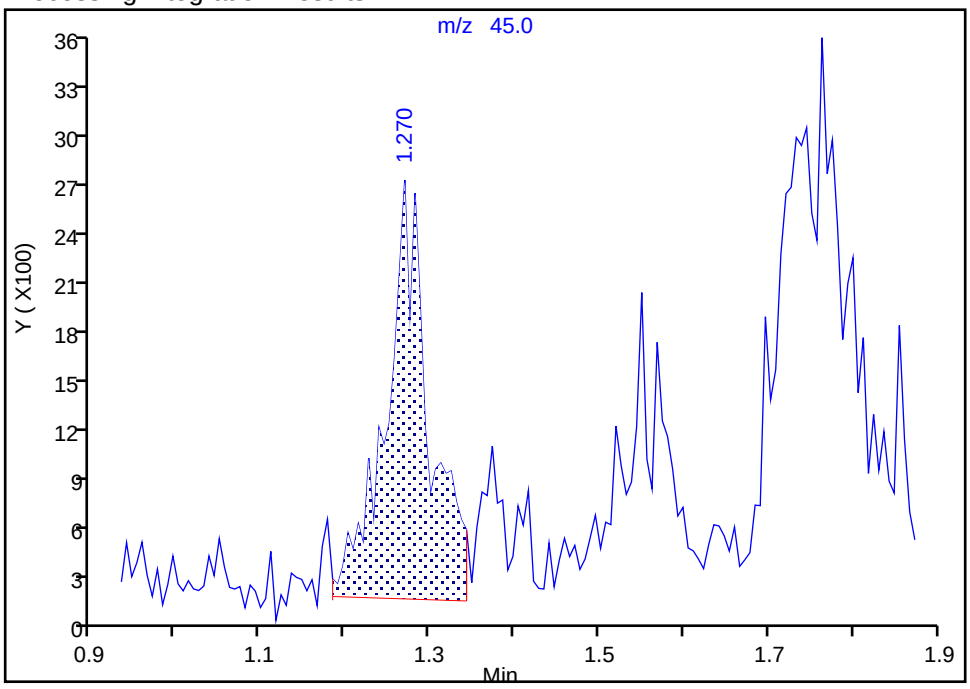
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

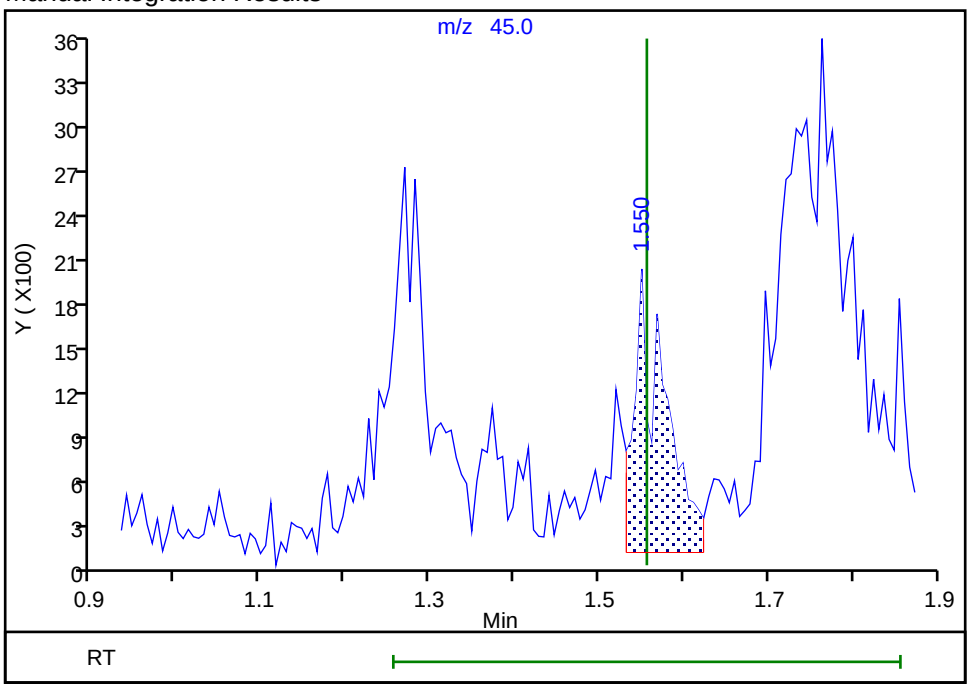
Processing Integration Results

RT: 1.27
Area: 8861
Amount: 31.352907
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 4716
Amount: 9.747384
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:21:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

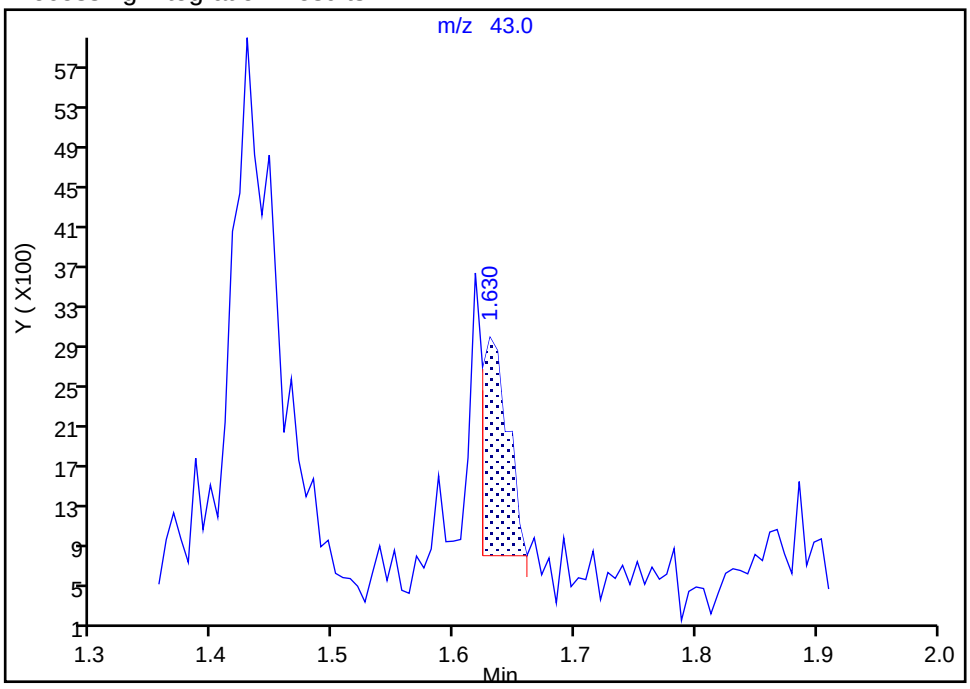
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

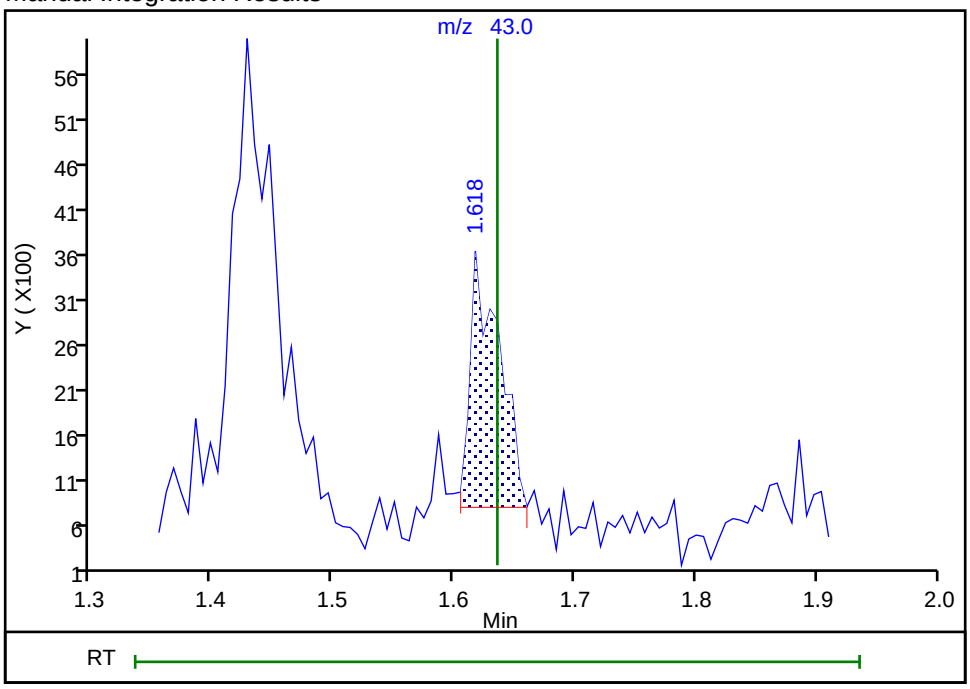
Processing Integration Results

RT: 1.63
Area: 3210
Amount: 0.001123
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 4662
Amount: 1.386621
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:21:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

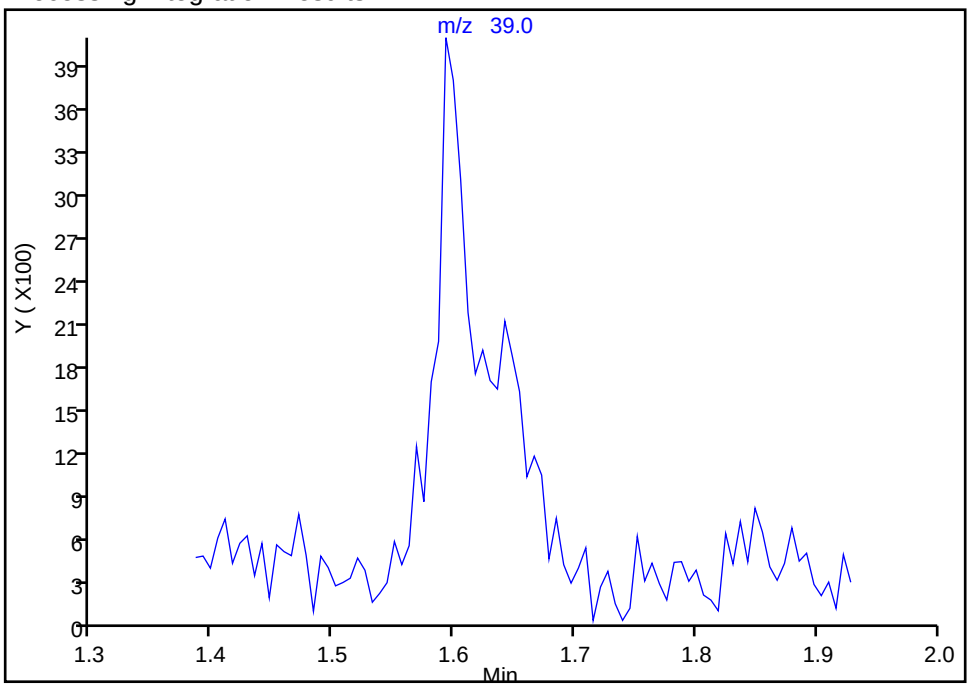
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

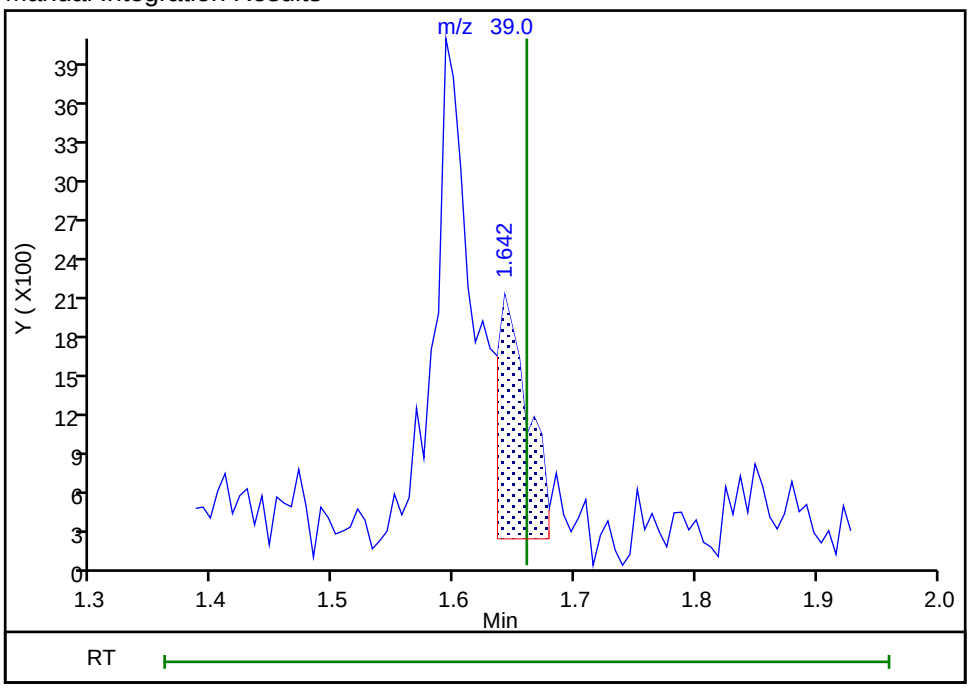
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.64
Area: 3317
Amount: 7.600246
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:21:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

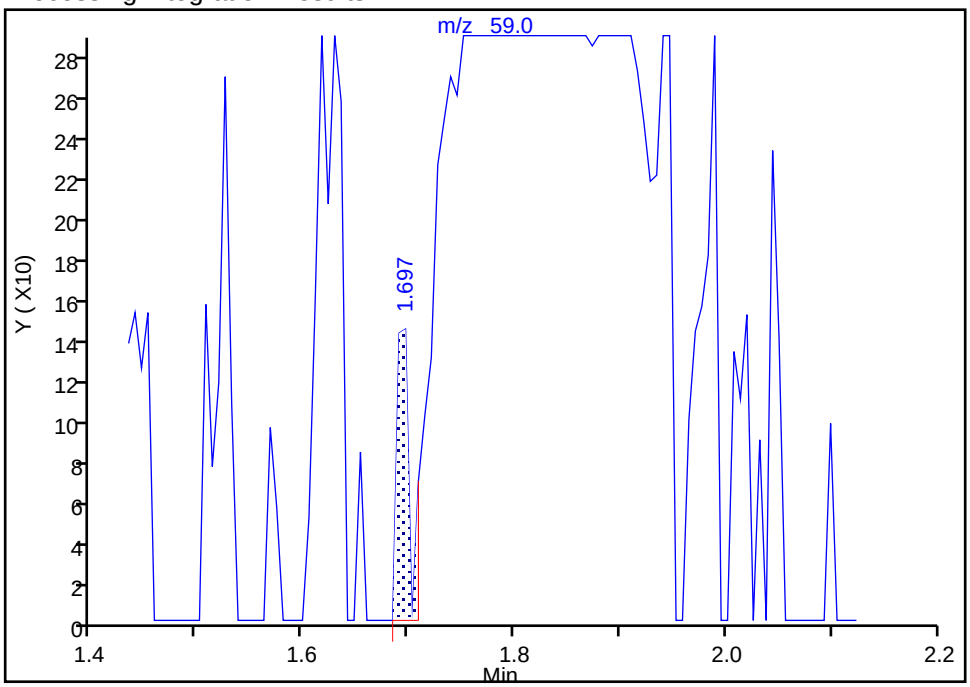
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

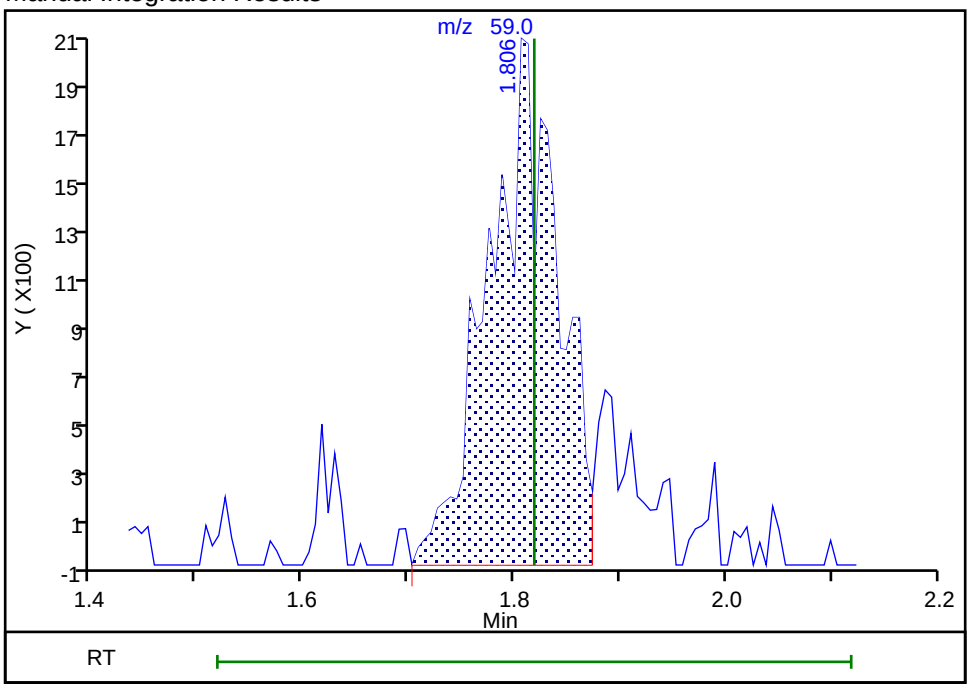
Processing Integration Results

RT: 1.70
Area: 128
Amount: 7.548031
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 9238
Amount: 12.817217
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:43:18
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

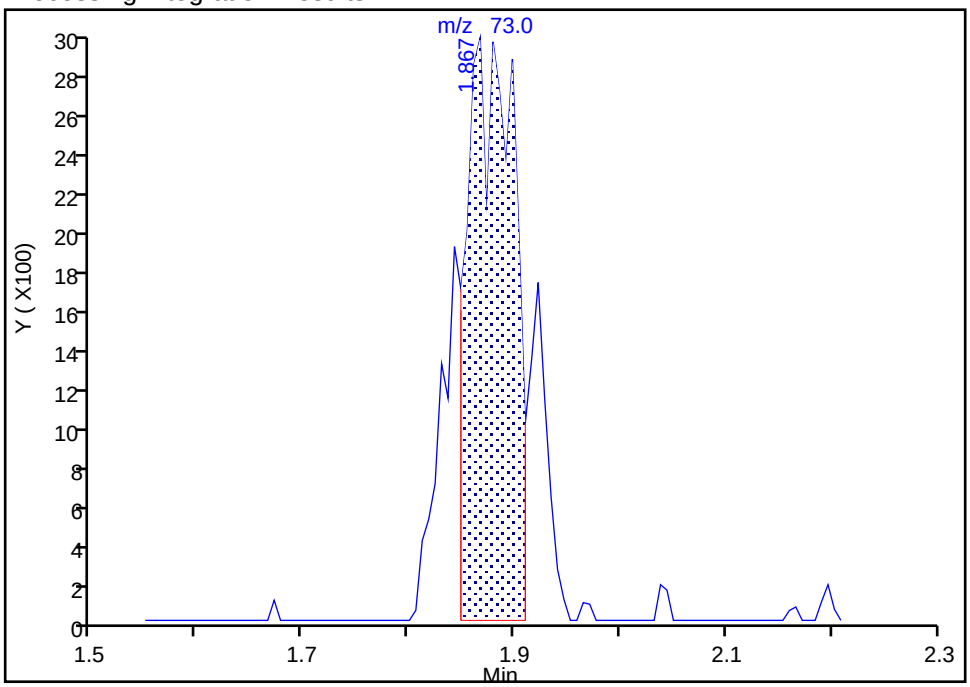
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

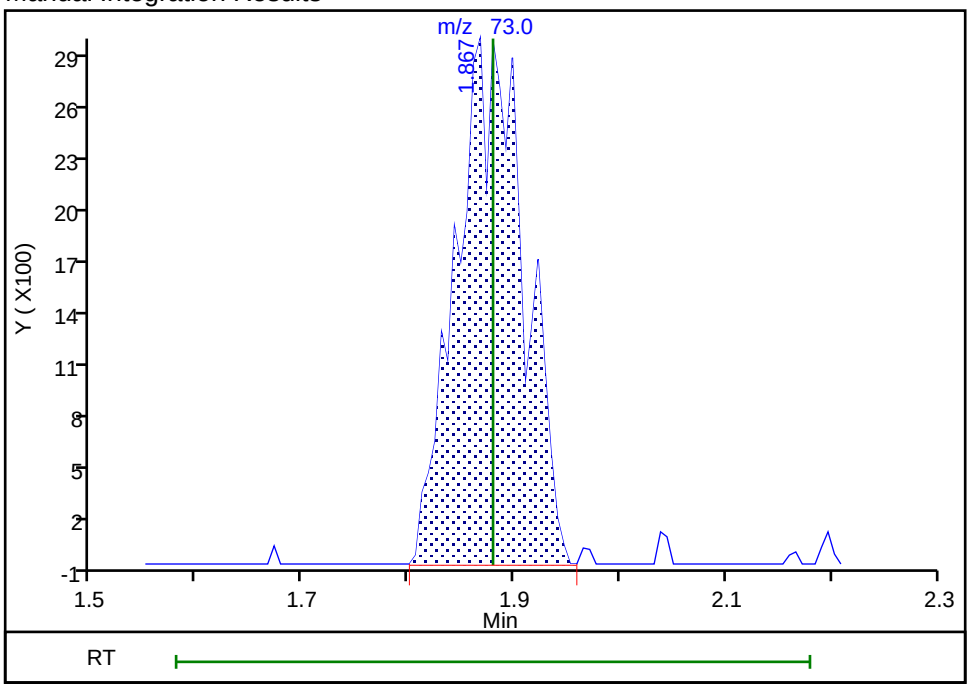
Processing Integration Results

RT: 1.87
Area: 9233
Amount: 0.000979
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 13381
Amount: 1.067251
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:22:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

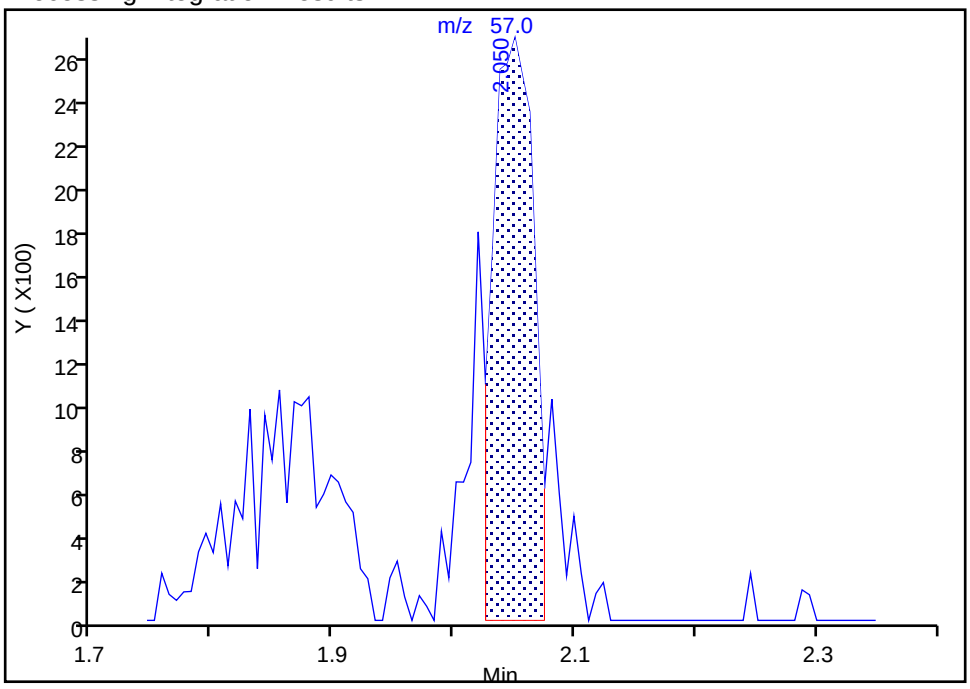
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 Hexane, CAS: 110-54-3

Signal: 1

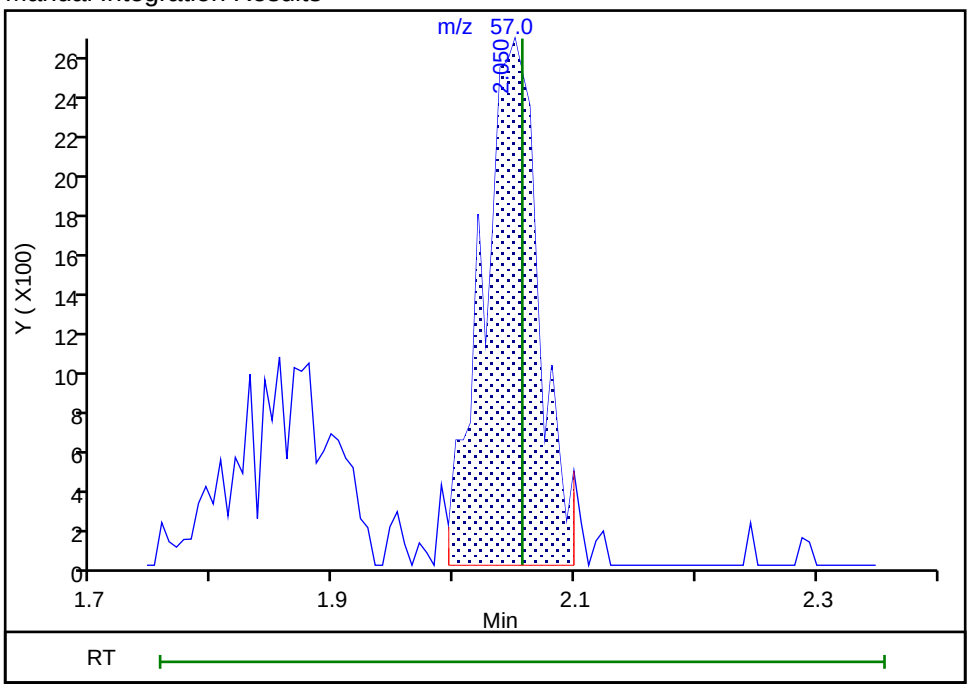
Processing Integration Results

RT: 2.05
Area: 6238
Amount: 0.000950
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 8479
Amount: 0.963724
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:22:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

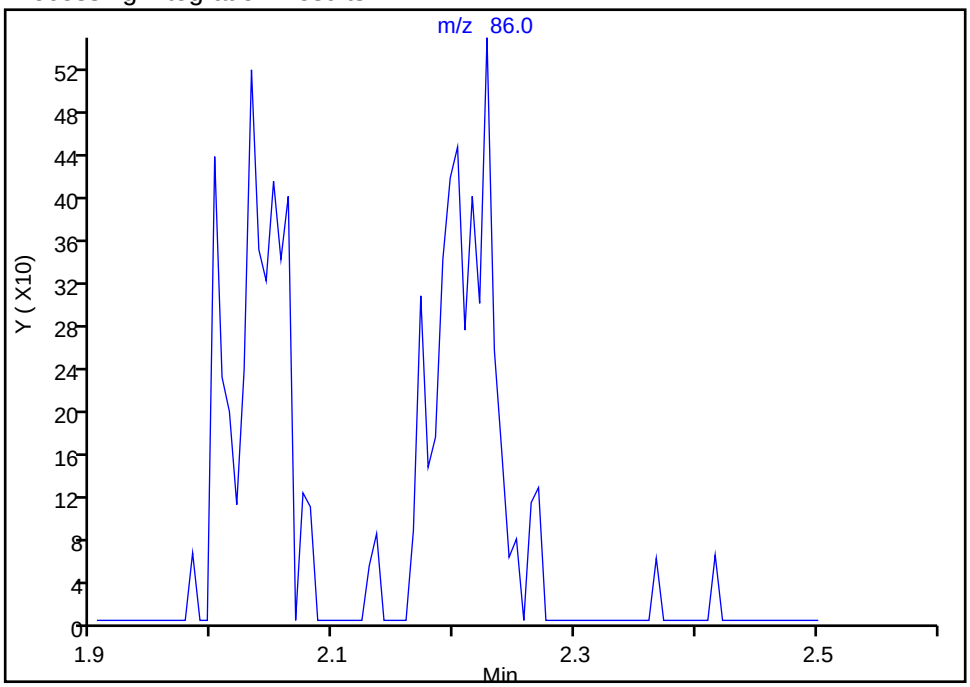
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

37 Vinyl acetate, CAS: 108-05-4

Signal: 1

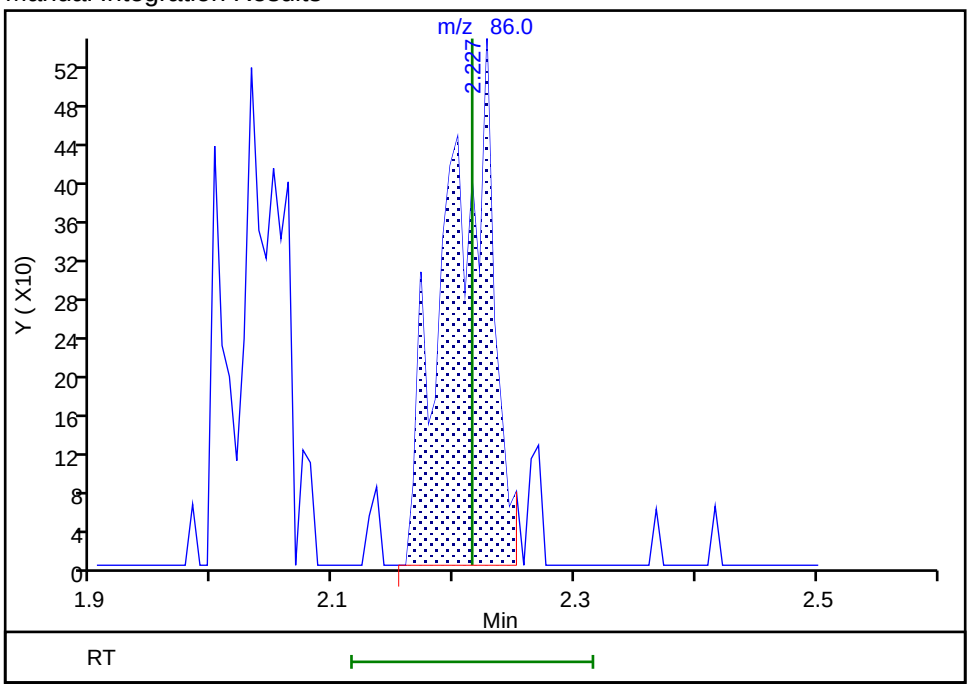
Not Detected
Expected RT: 2.21

Processing Integration Results



Manual Integration Results

RT: 2.23
Area: 1443
Amount: 2.103679
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:22:23
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

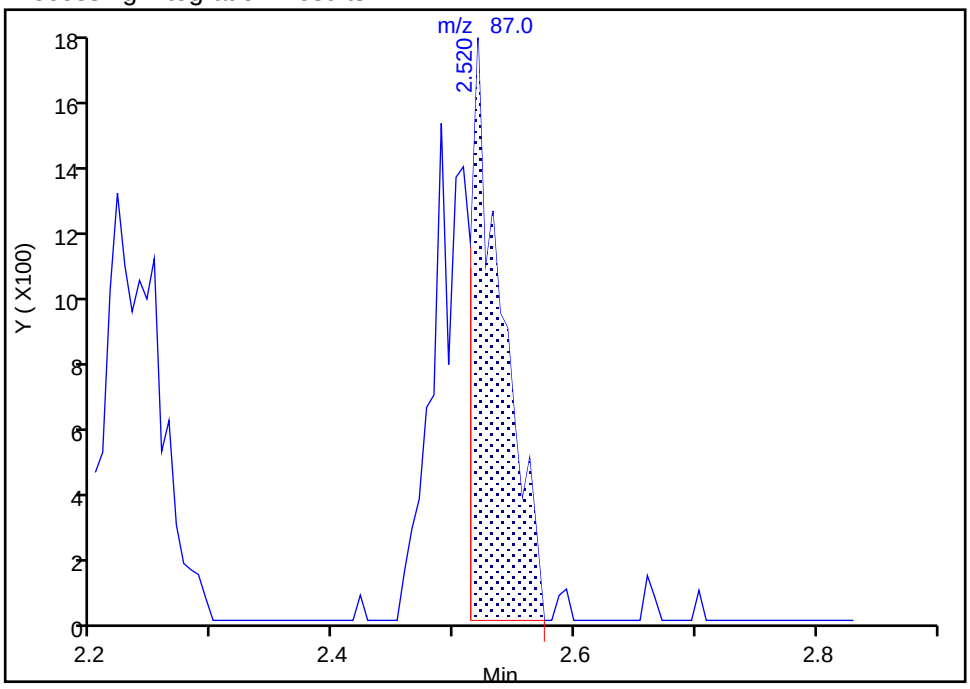
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D				
Injection Date:	18-Aug-2020 10:22:30	Instrument ID:	CVOAMS2		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

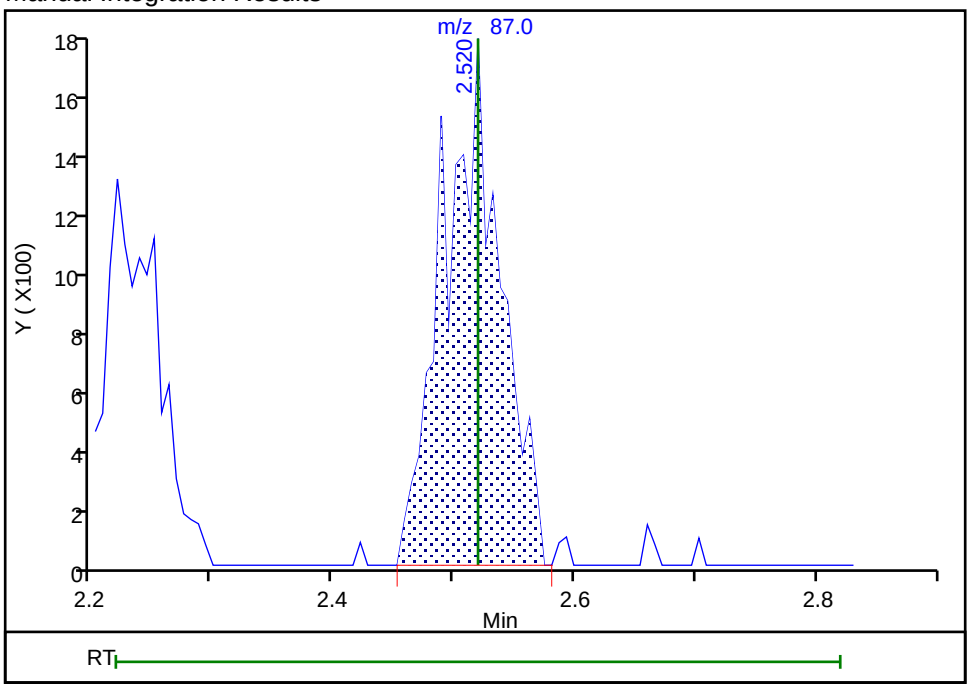
Processing Integration Results

RT: 2.52
Area: 3121
Amount: 0.002354
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 5672
Amount: 1.144648
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:22:32

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

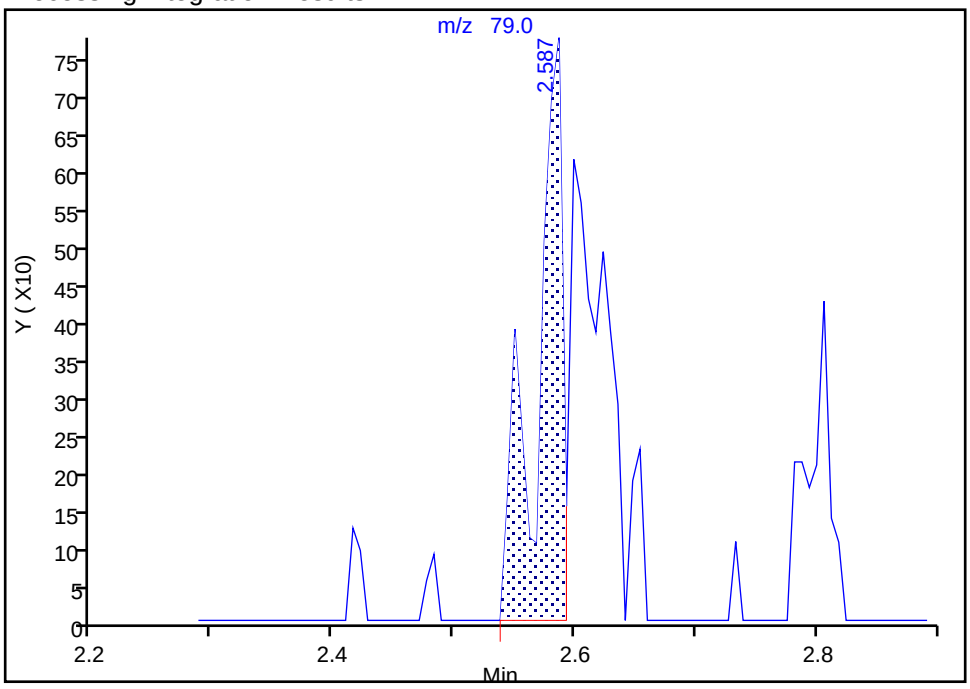
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

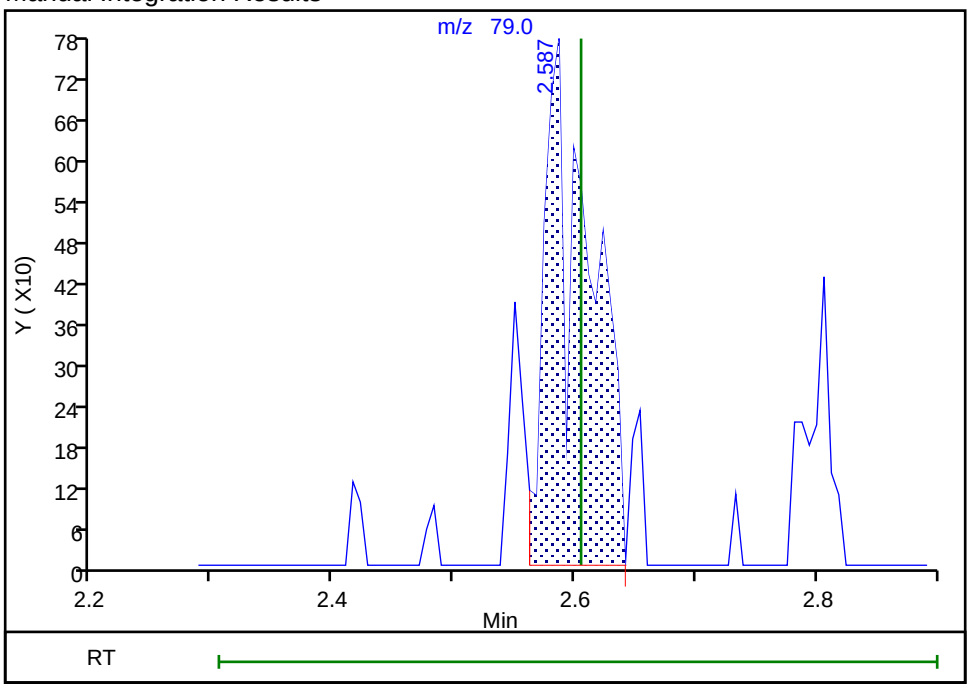
Processing Integration Results

RT: 2.59
Area: 1147
Amount: 0.000771
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 2006
Amount: 0.959217
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:22:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

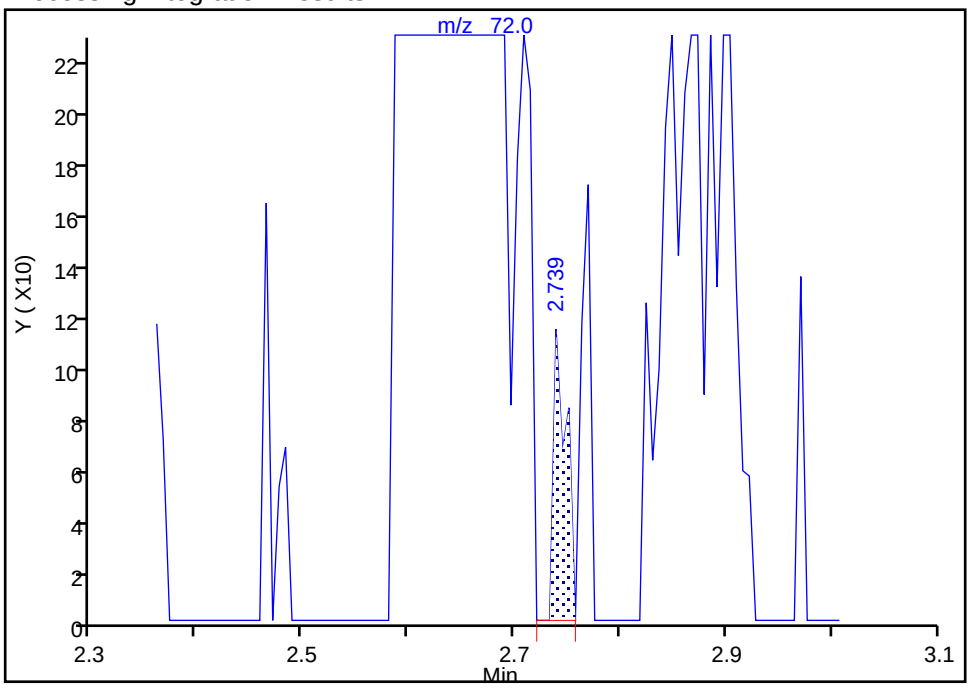
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

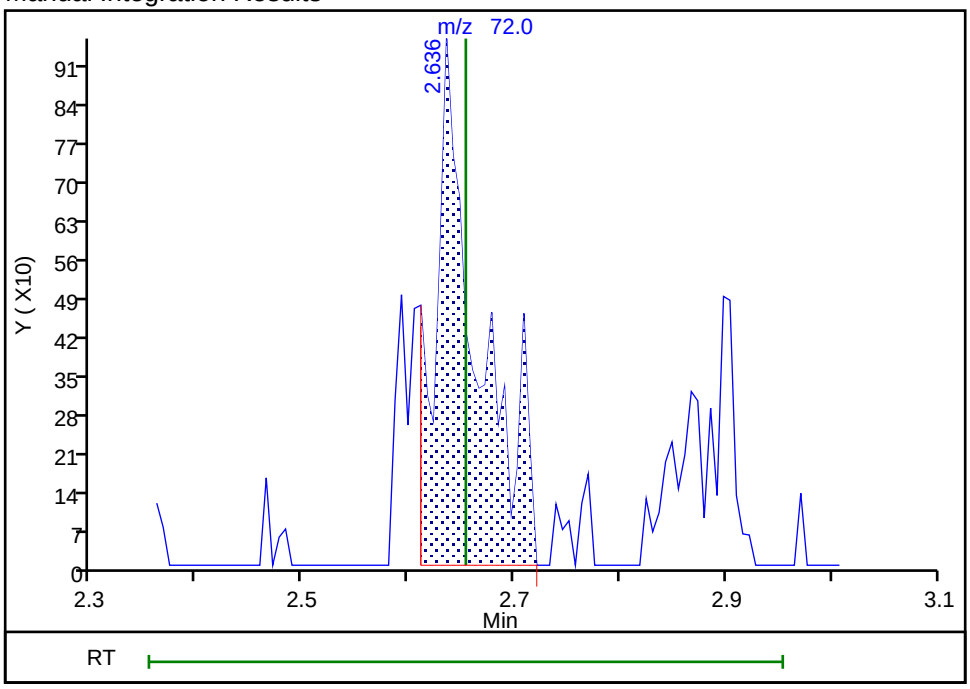
Processing Integration Results

RT: 2.74
Area: 94
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.64
Area: 2692
Amount: 5.838325
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:22:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

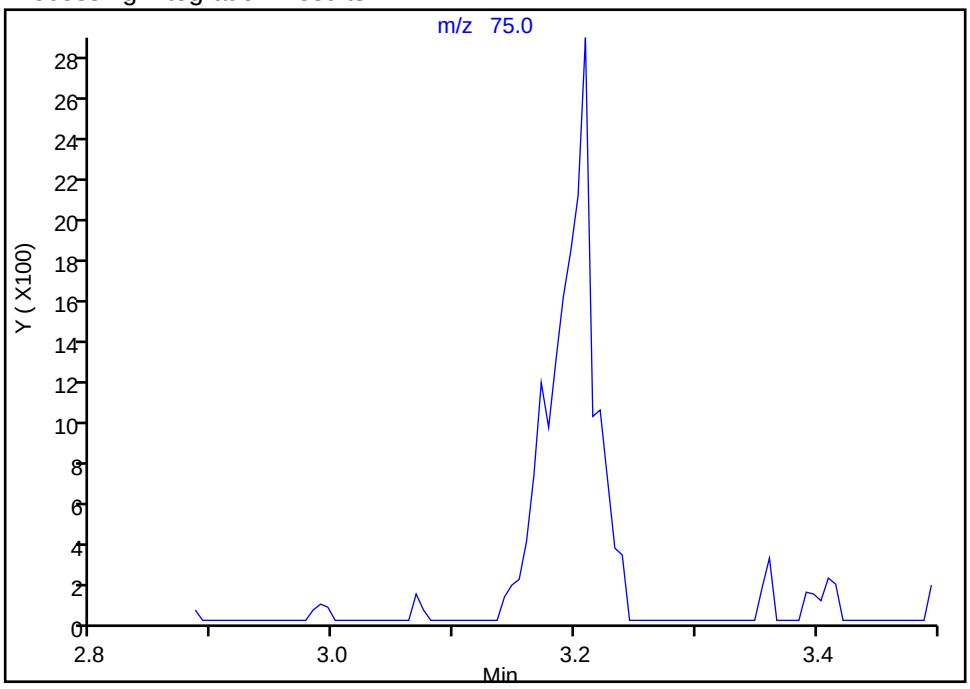
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

54 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

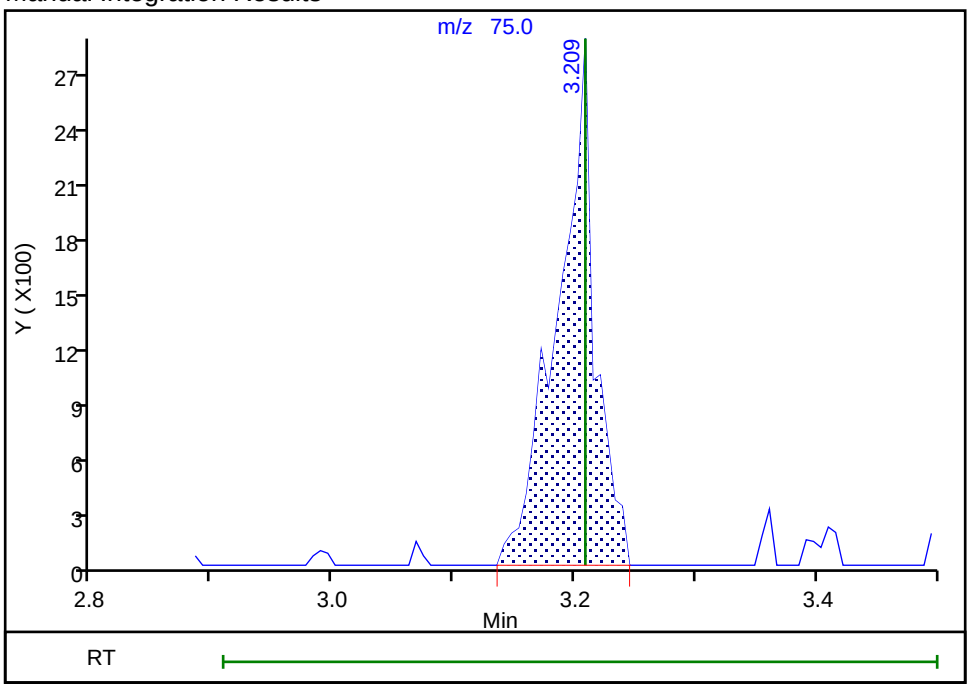
Not Detected
Expected RT: 3.21

Processing Integration Results



Manual Integration Results

RT: 3.21
Area: 6014
Amount: 0.957066
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:23:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

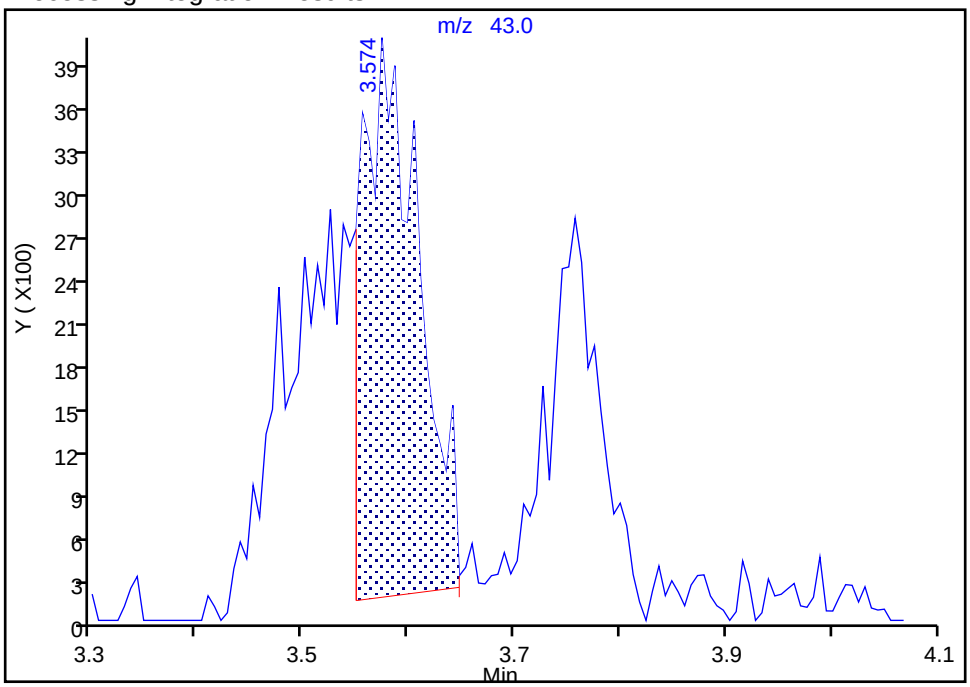
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 n-Heptane, CAS: 142-82-5

Signal: 1

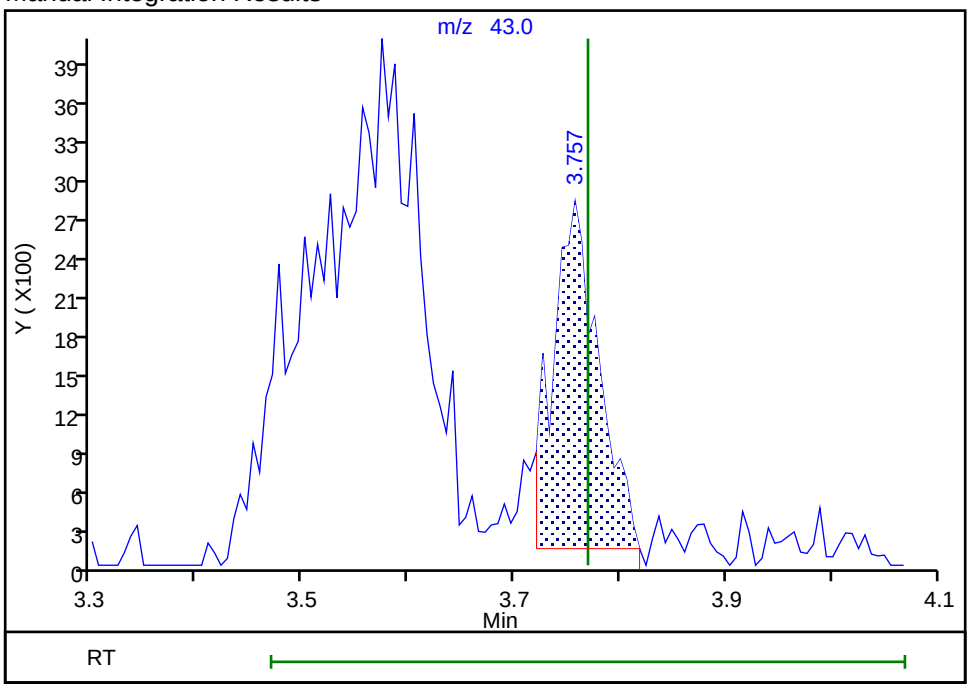
Processing Integration Results

RT: 3.57
Area: 14406
Amount: 0.001933
Amount Units: ug/l



Manual Integration Results

RT: 3.76
Area: 8093
Amount: 0.848375
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:23:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

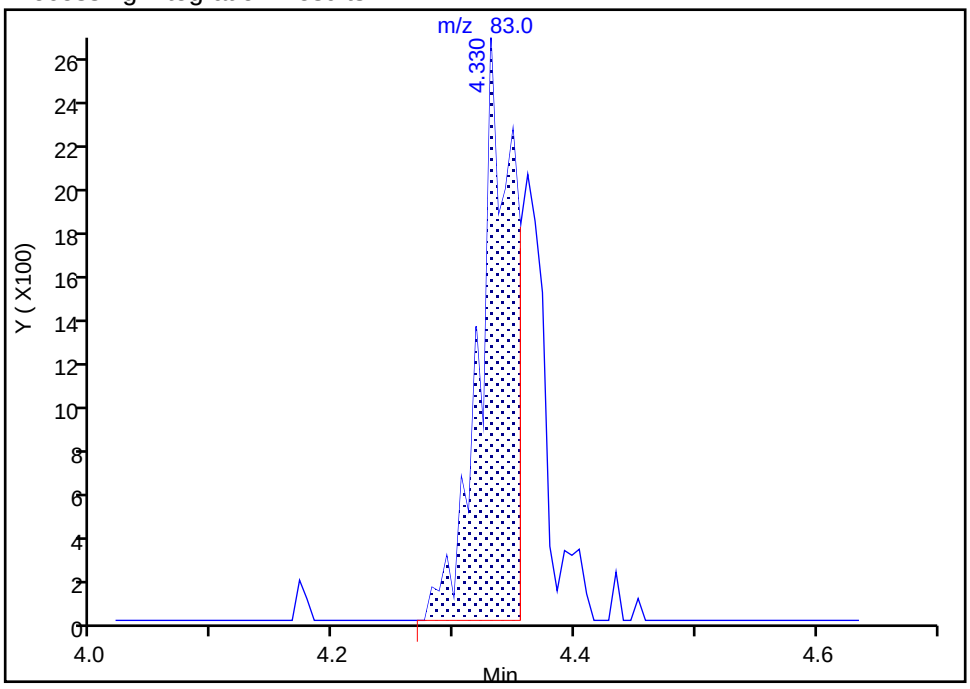
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Signal: 1

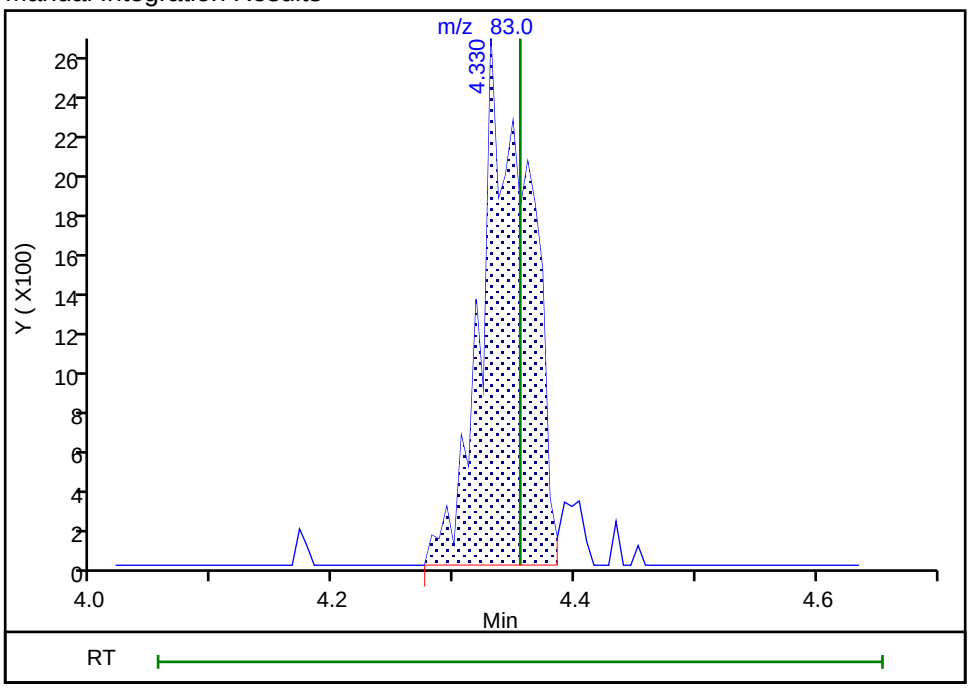
Processing Integration Results

RT: 4.33
Area: 5371
Amount: 0.000887
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 7524
Amount: 0.878562
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:23:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

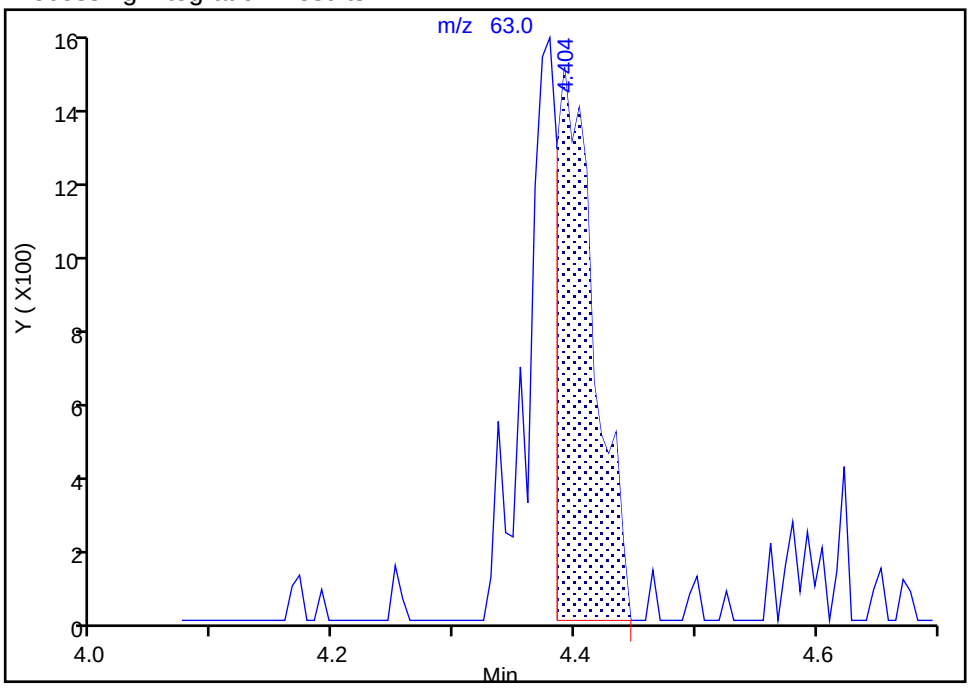
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

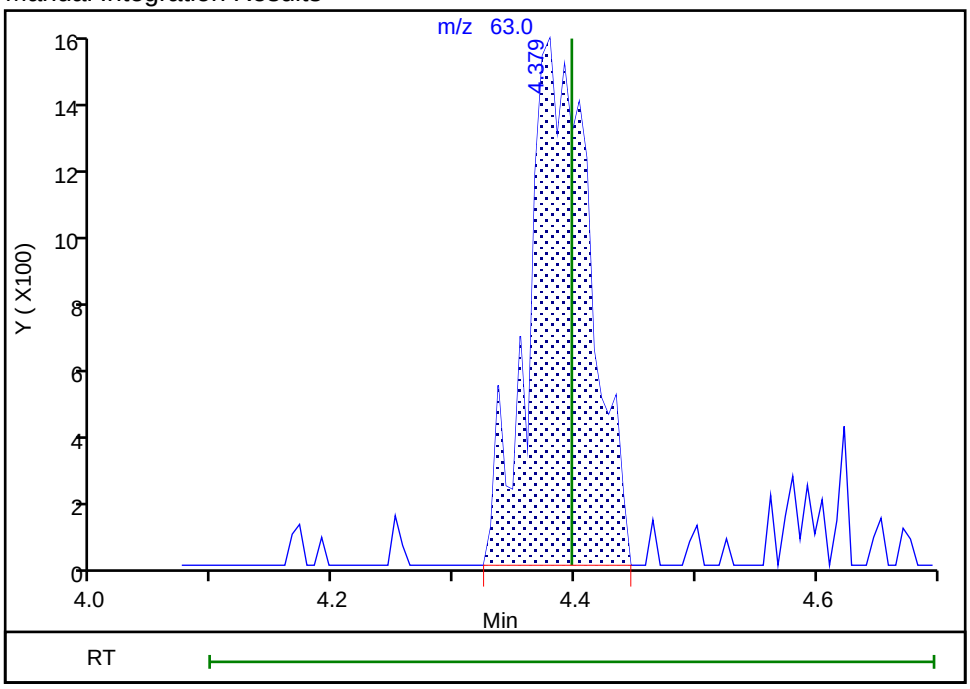
Processing Integration Results

RT: 4.40
Area: 3143
Amount: 0.000890
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 5381
Amount: 1.067913
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:23:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

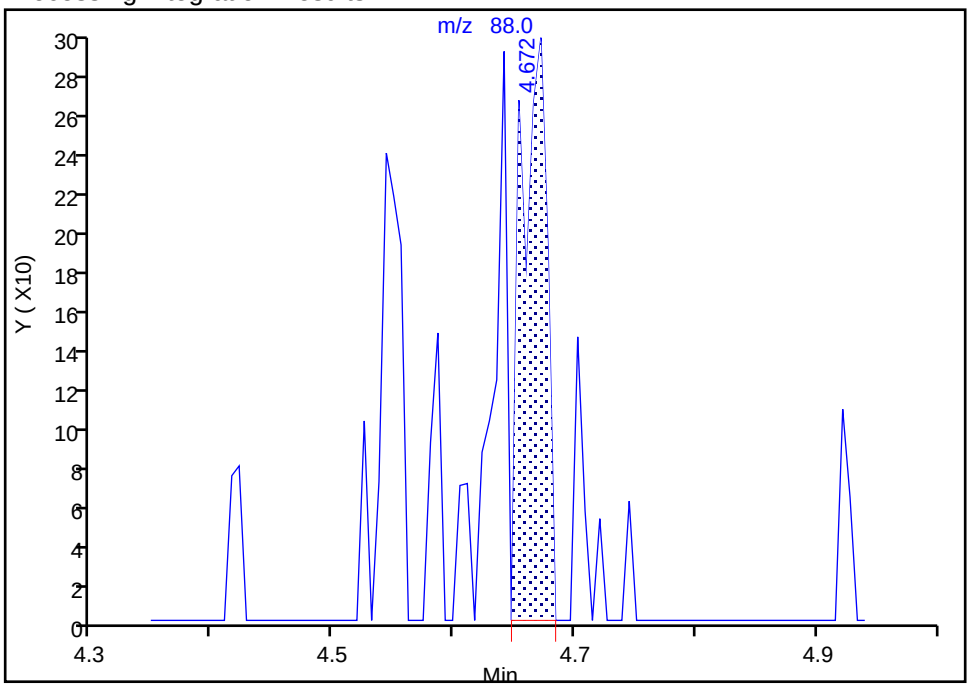
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

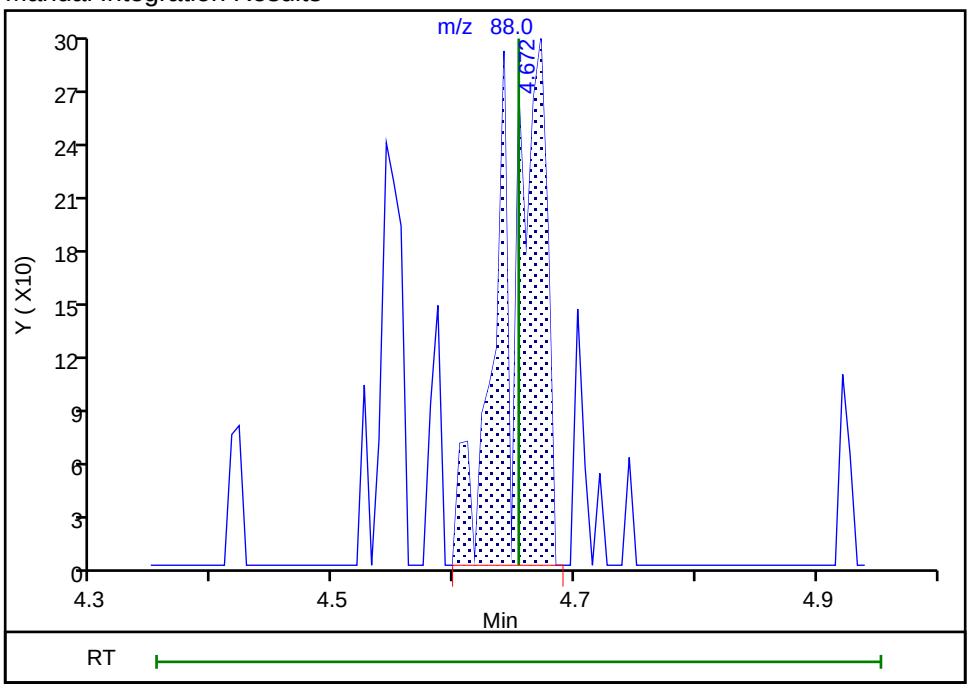
Processing Integration Results

RT: 4.67
Area: 435
Amount: 10.721175
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 706
Amount: 17.316331
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:23:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

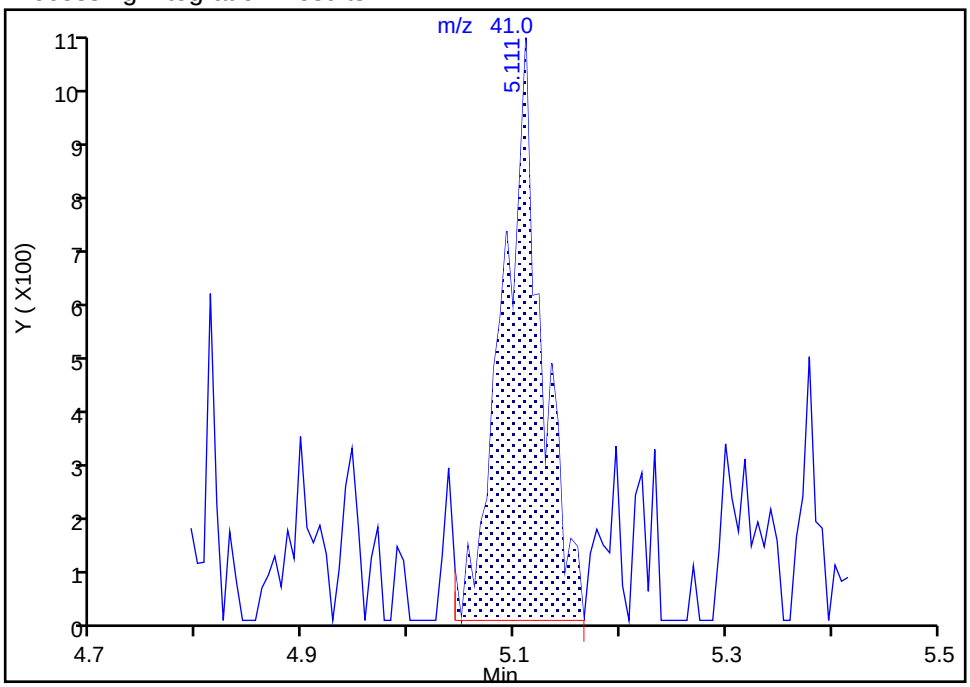
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

72 2-Nitropropane, CAS: 79-46-9

Signal: 1

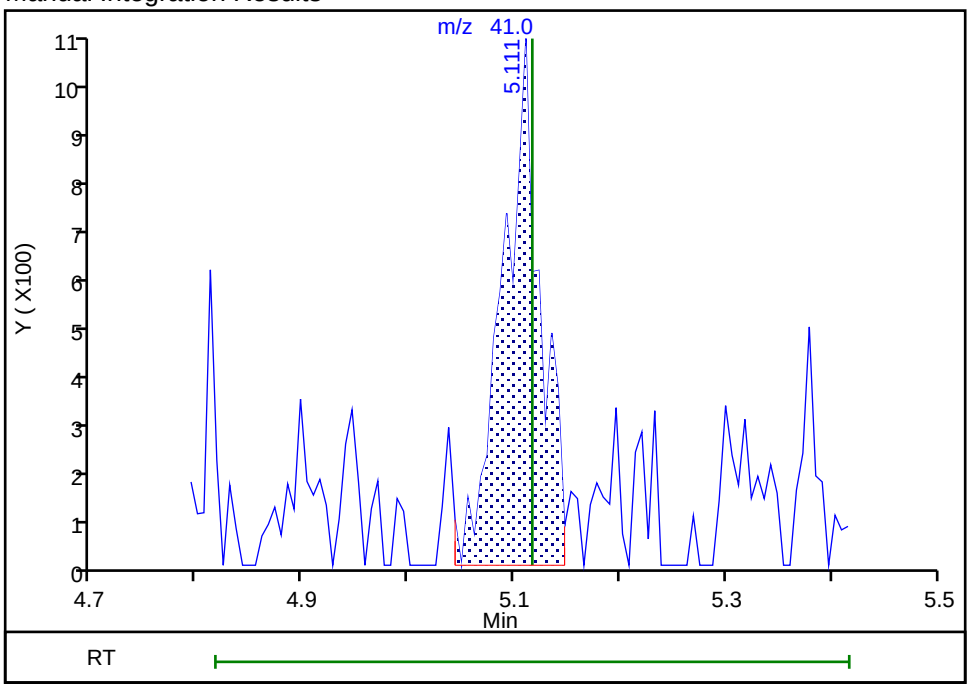
Processing Integration Results

RT: 5.11
Area: 2684
Amount: 3.540949
Amount Units: ug/l



Manual Integration Results

RT: 5.11
Area: 2582
Amount: 2.642669
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:44:12
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

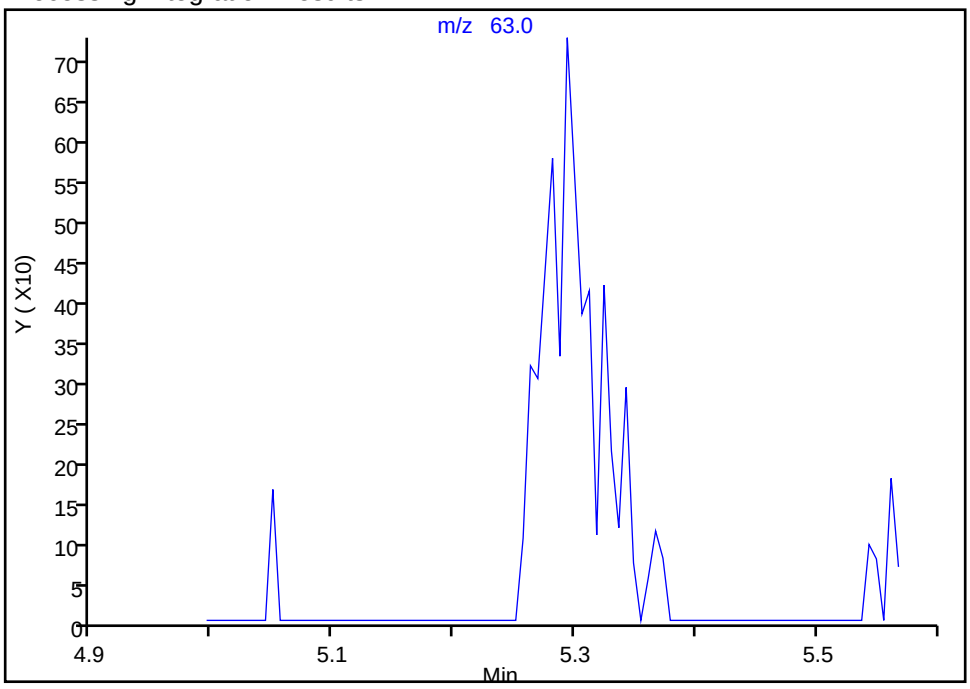
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

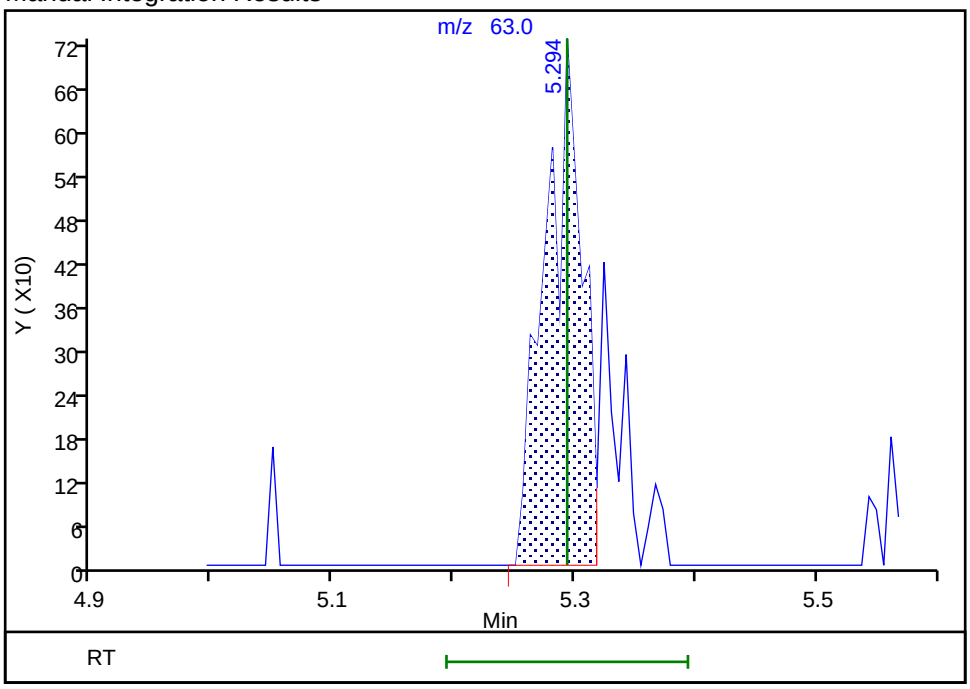
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 1560
Amount: 1.064968
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:23:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

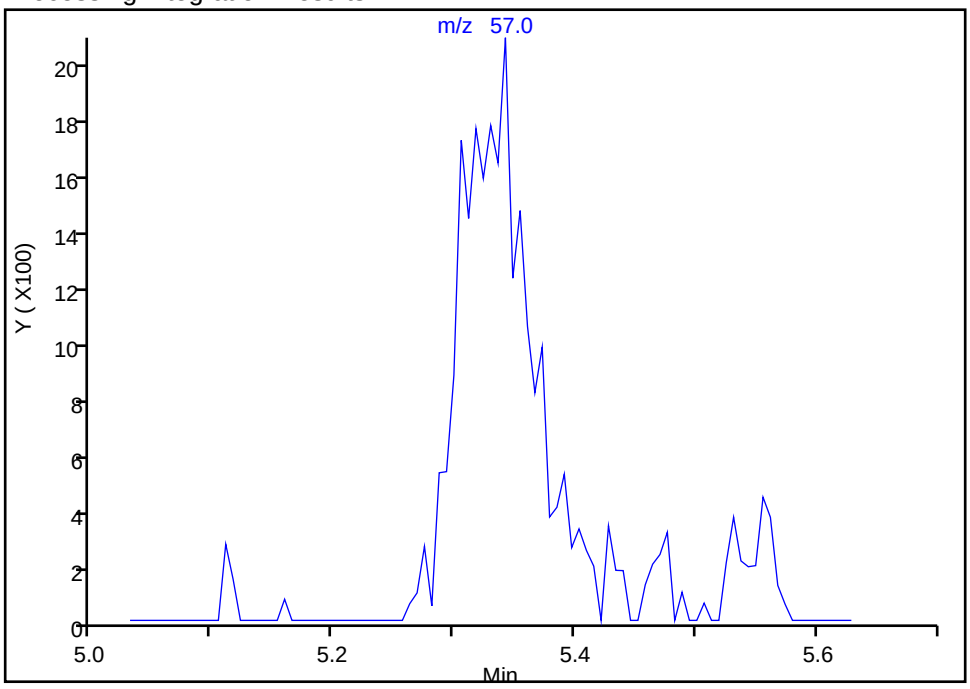
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 Epichlorohydrin, CAS: 106-89-8

Signal: 1

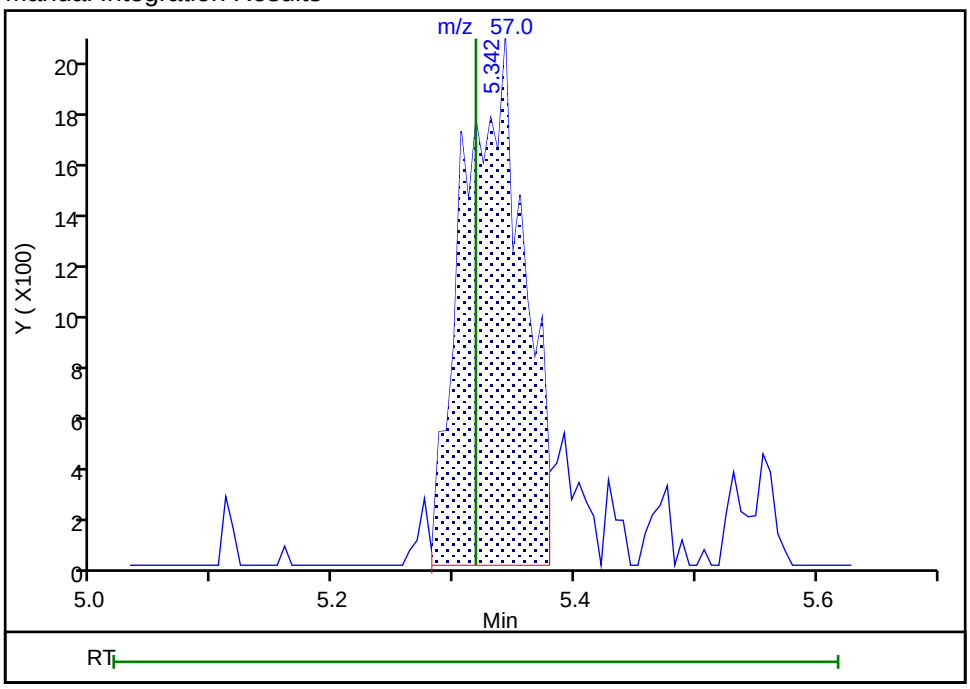
Not Detected
Expected RT: 5.32

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 7311
Amount: 19.663111
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:24:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

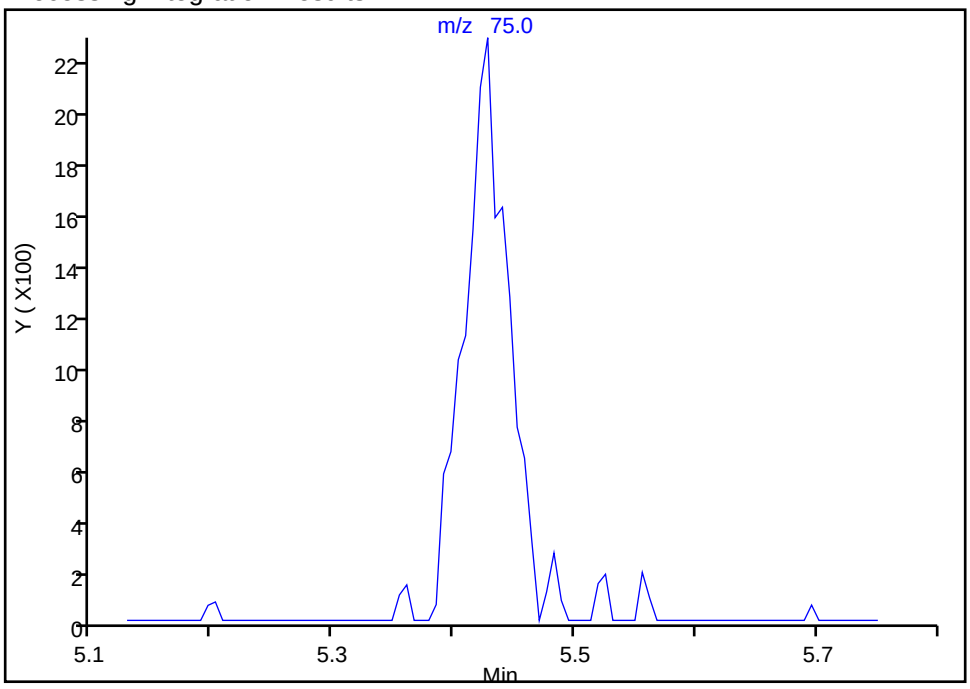
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

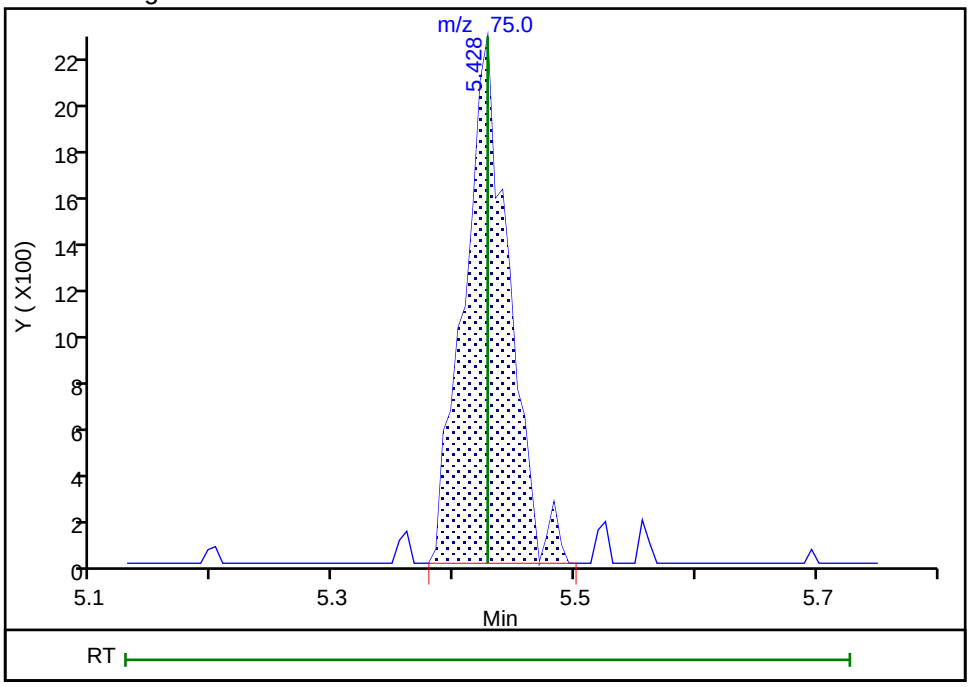
Not Detected
Expected RT: 5.43

Processing Integration Results



Manual Integration Results

RT: 5.43
Area: 5745
Amount: 0.934889
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:24:23
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

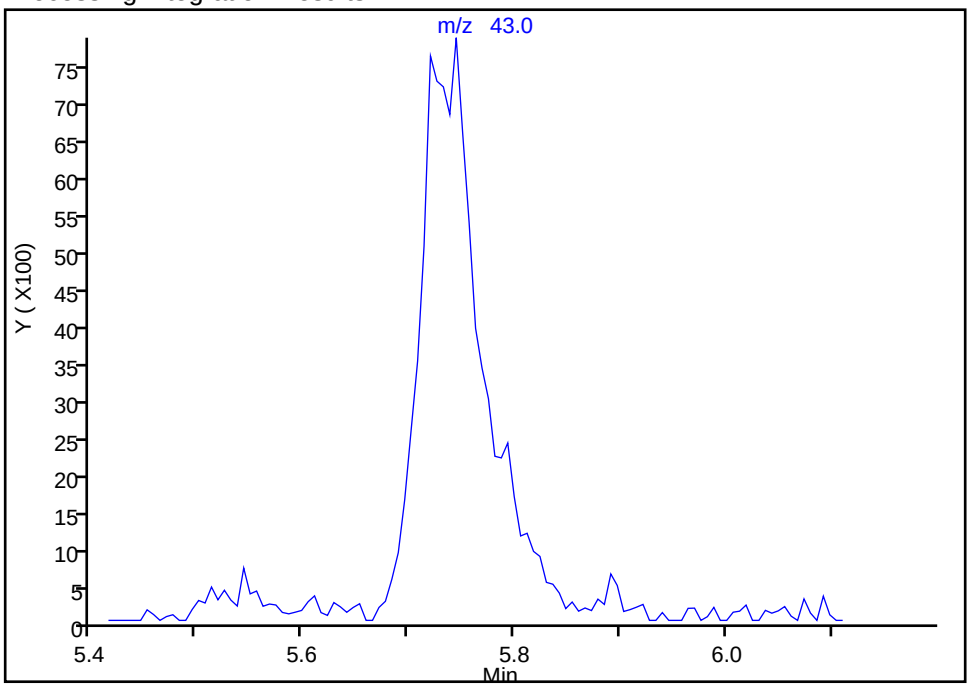
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

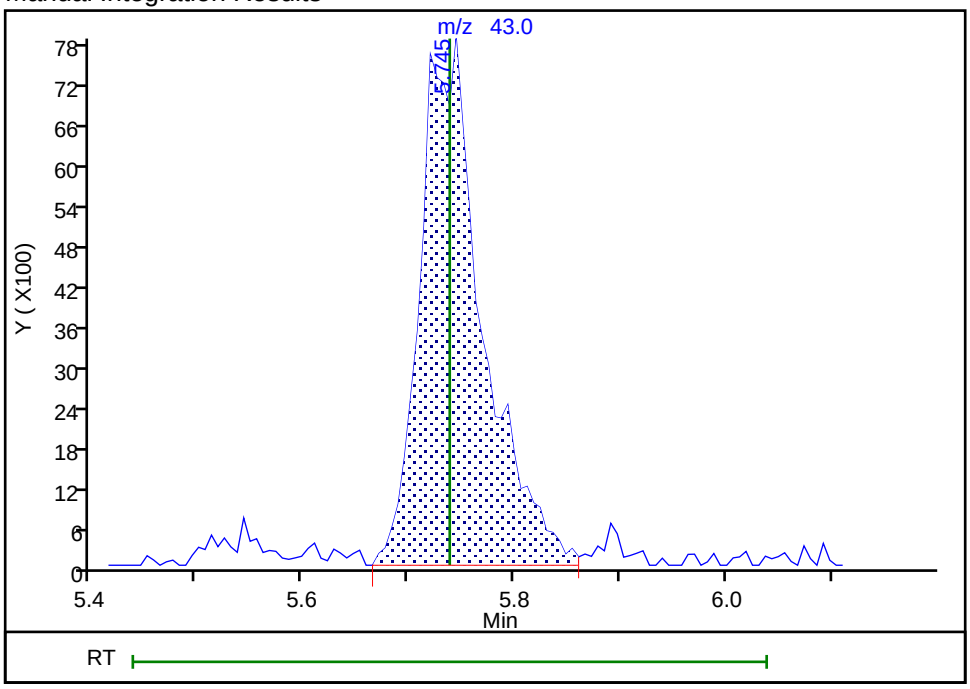
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.74
Area: 32194
Amount: 6.485479
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:24:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

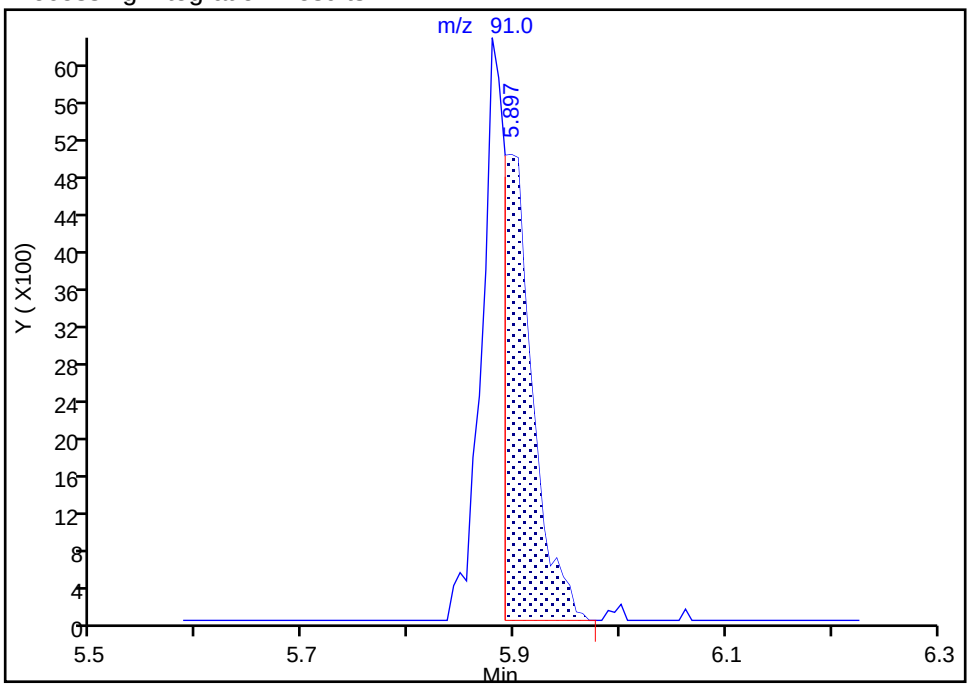
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 Toluene, CAS: 108-88-3

Signal: 1

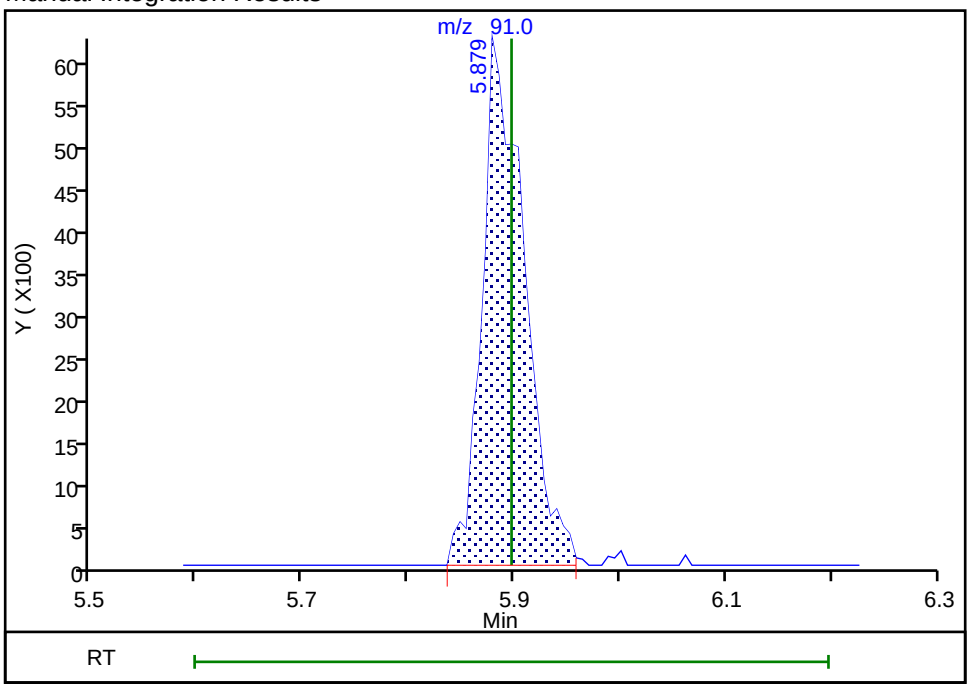
Processing Integration Results

RT: 5.90
Area: 9605
Amount: 0.616062
Amount Units: ug/l



Manual Integration Results

RT: 5.88
Area: 17364
Amount: 1.028421
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:24:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

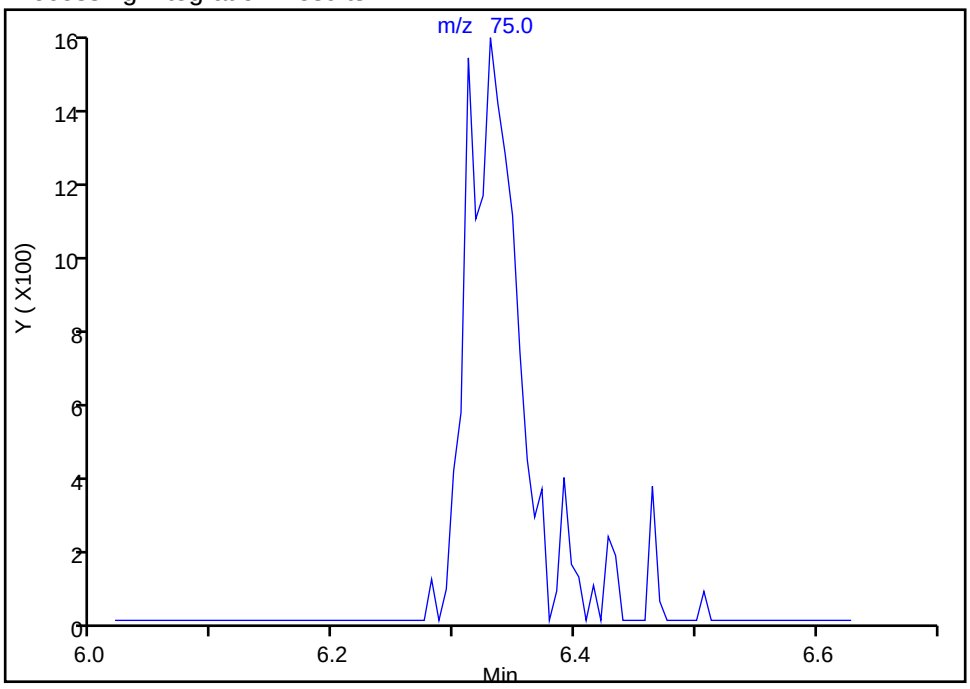
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

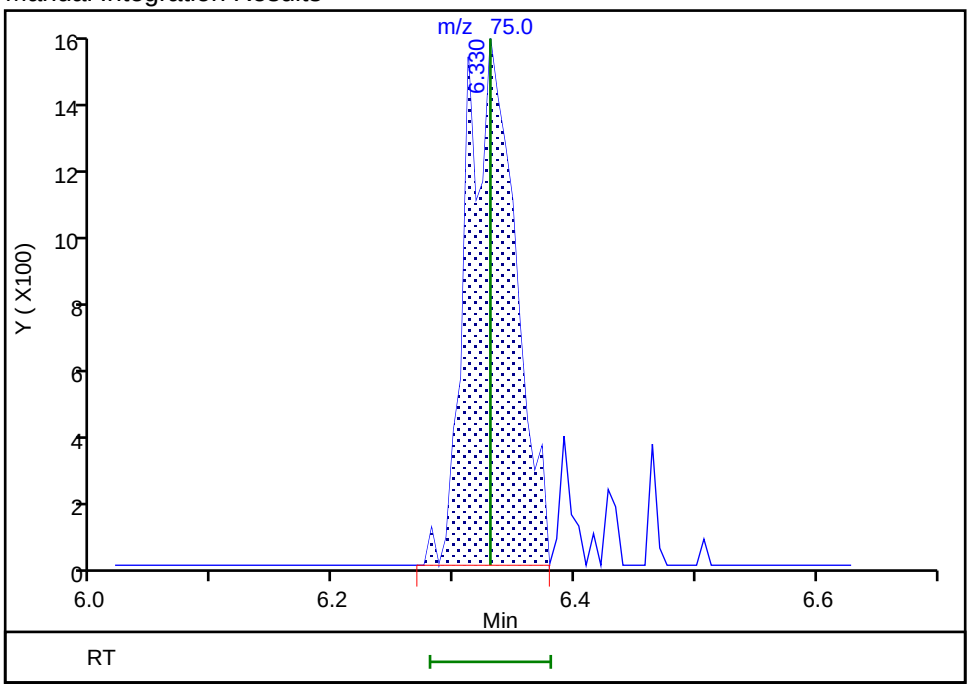
Not Detected
Expected RT: 6.33

Processing Integration Results



Manual Integration Results

RT: 6.33
Area: 4278
Amount: 0.860887
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:24:38
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

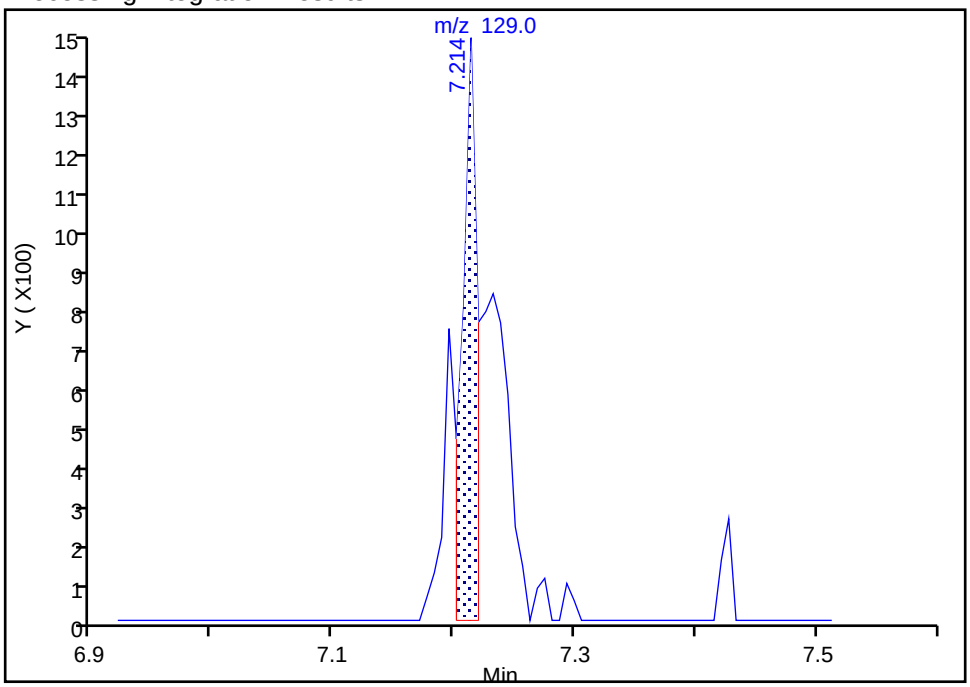
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

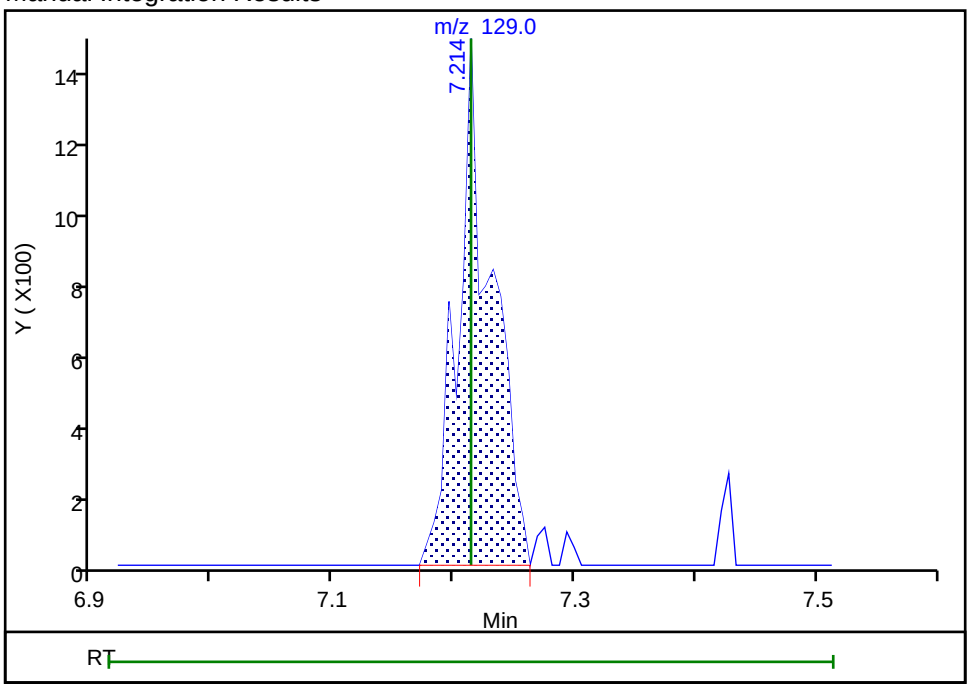
Processing Integration Results

RT: 7.21
Area: 1271
Amount: 0.456280
Amount Units: ug/l



Manual Integration Results

RT: 7.21
Area: 2885
Amount: 0.979763
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:25:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

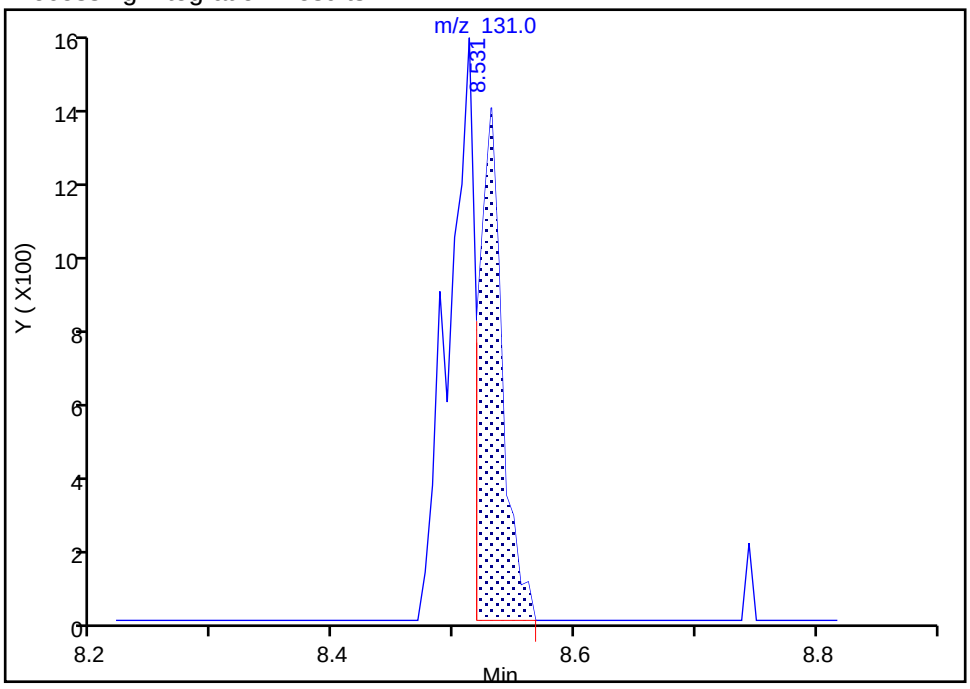
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

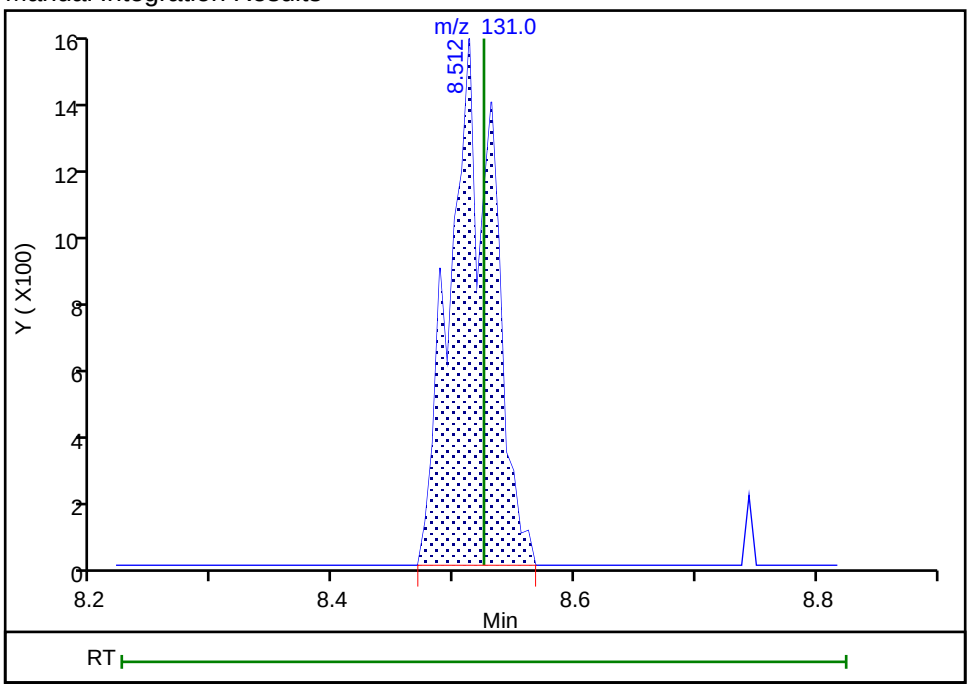
Processing Integration Results

RT: 8.53
Area: 1834
Amount: 0.563731
Amount Units: ug/l



Manual Integration Results

RT: 8.51
Area: 3907
Amount: 1.106696
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:25:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

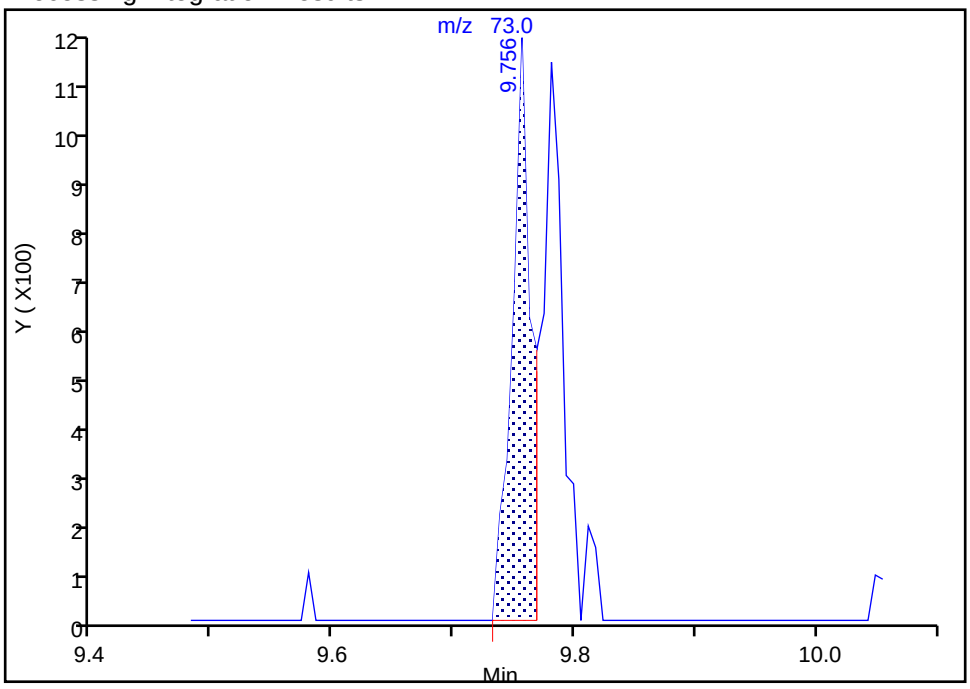
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

91 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

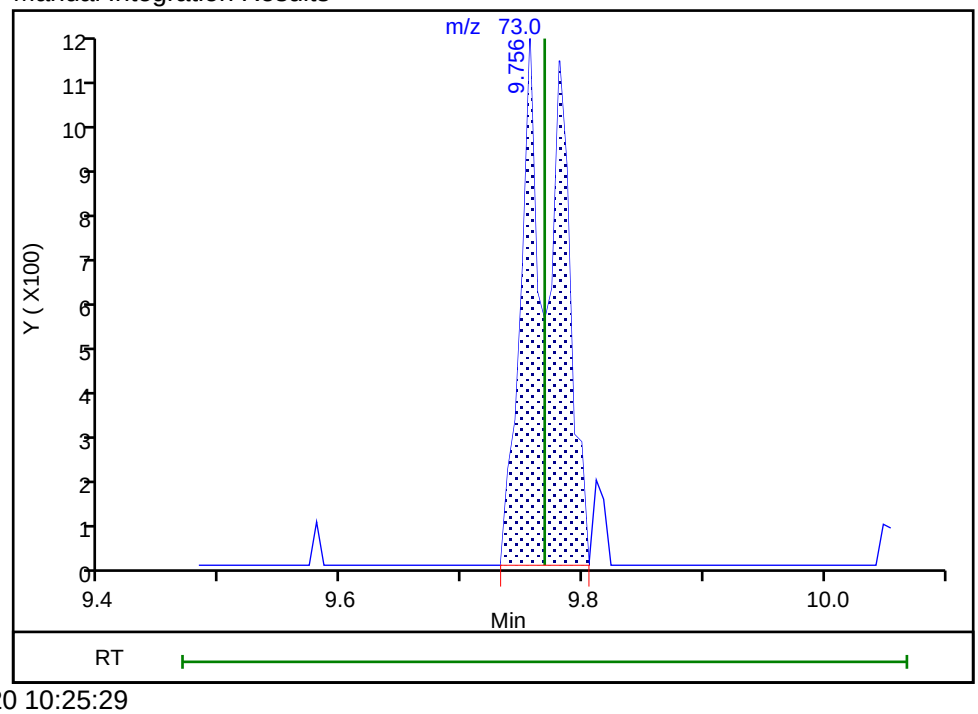
Processing Integration Results

RT: 9.76
Area: 1231
Amount: 0.519859
Amount Units: ug/l



Manual Integration Results

RT: 9.76
Area: 2345
Amount: 0.944602
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:25:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

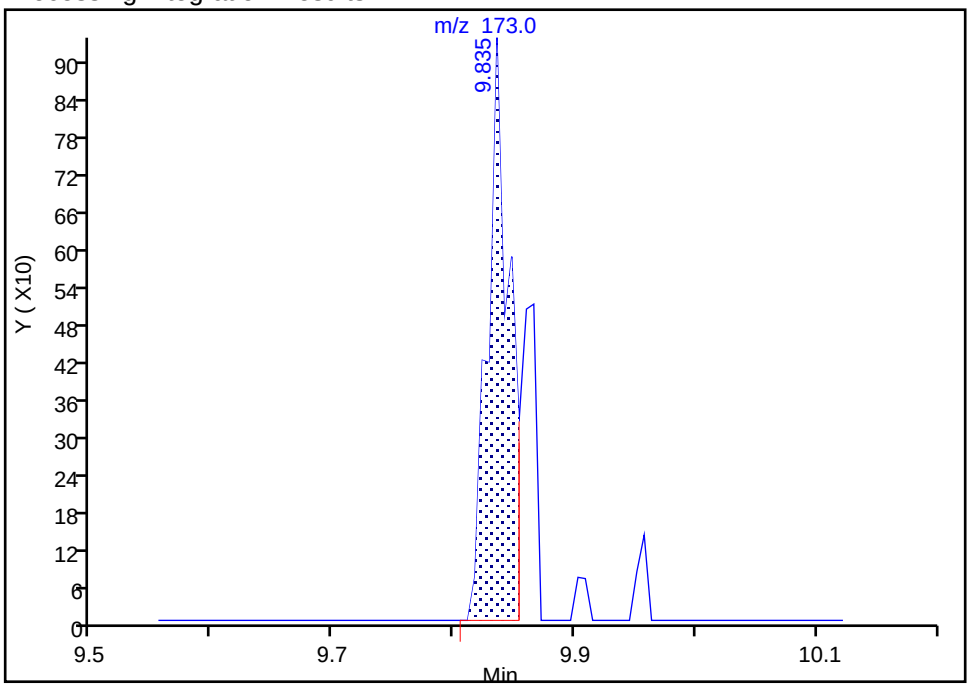
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

94 Bromoform, CAS: 75-25-2

Signal: 1

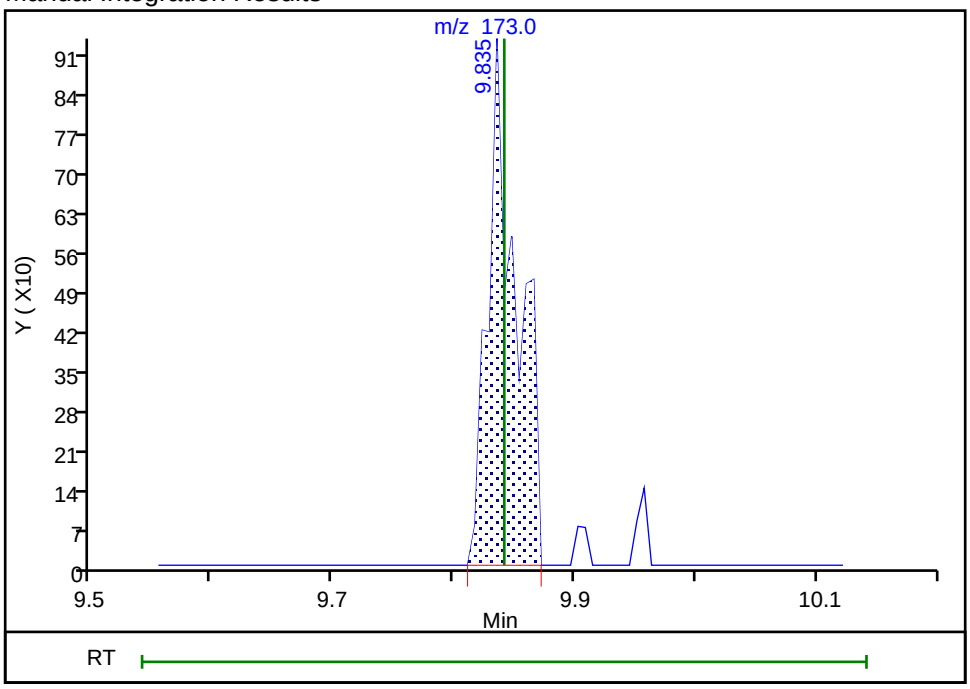
Processing Integration Results

RT: 9.84
Area: 1176
Amount: 0.716932
Amount Units: ug/l



Manual Integration Results

RT: 9.84
Area: 1544
Amount: 0.907352
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:25:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

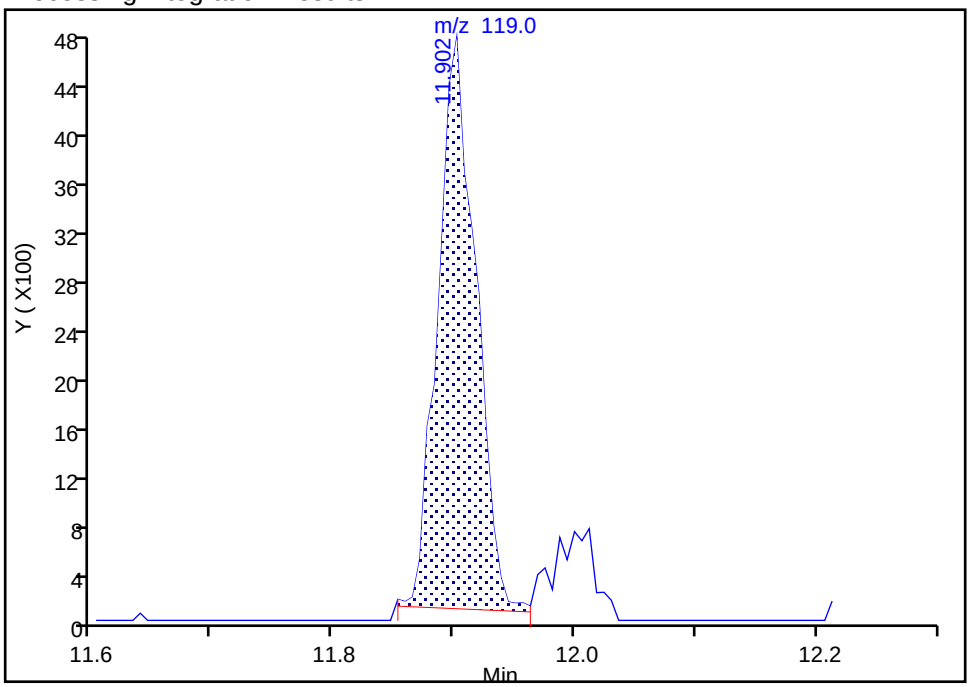
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

107 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

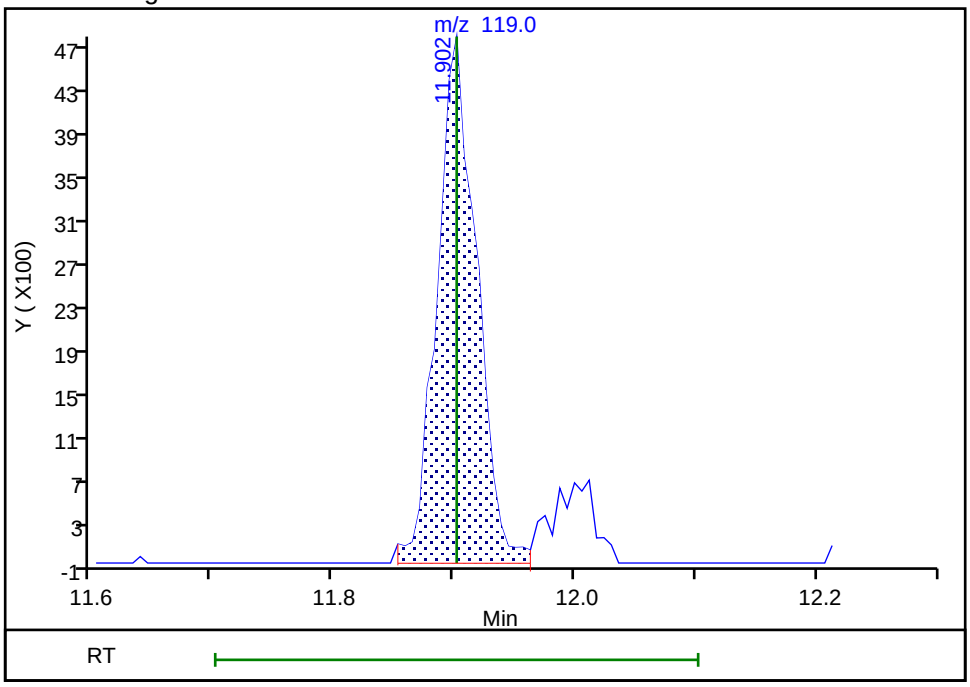
Processing Integration Results

RT: 11.90
Area: 10066
Amount: 0.768672
Amount Units: ug/l



Manual Integration Results

RT: 11.90
Area: 10716
Amount: 0.811594
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:26:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

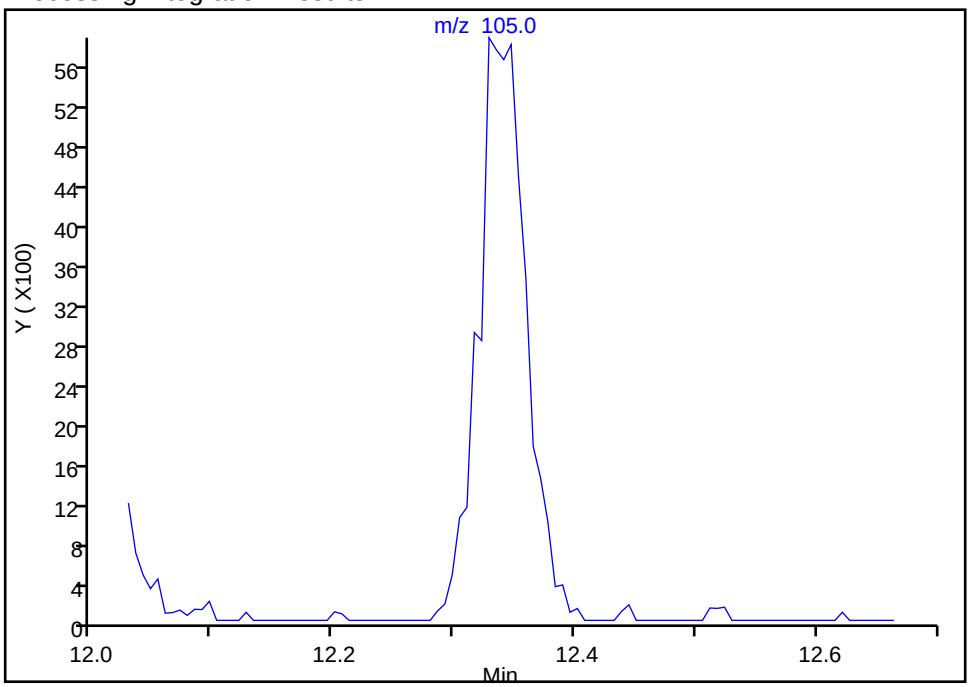
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

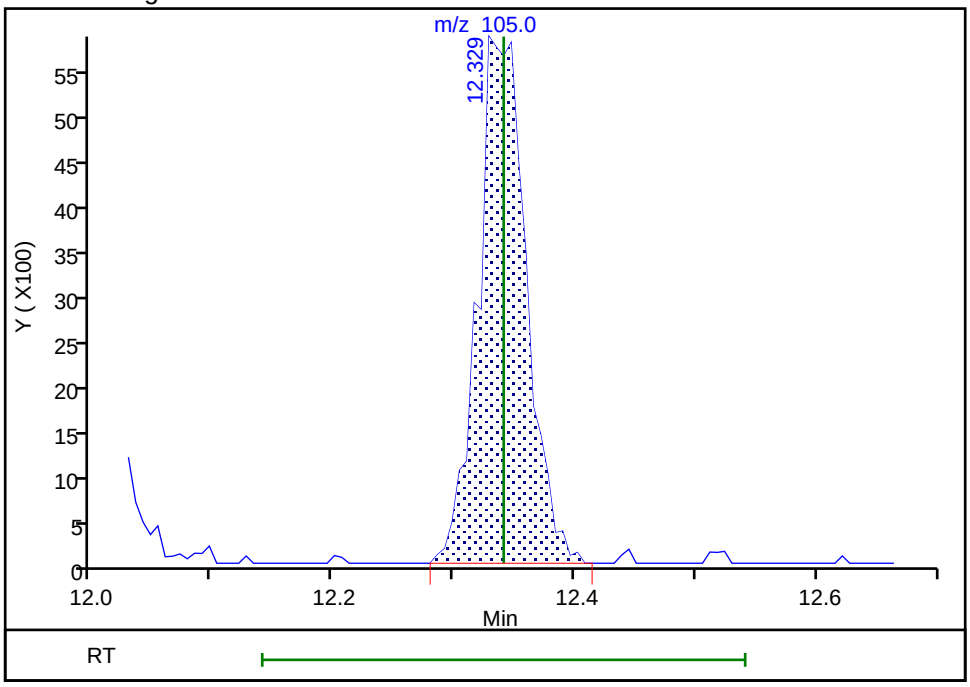
Not Detected
Expected RT: 12.34

Processing Integration Results



Manual Integration Results

RT: 12.33
Area: 16379
Amount: 0.764487
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:27:47
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

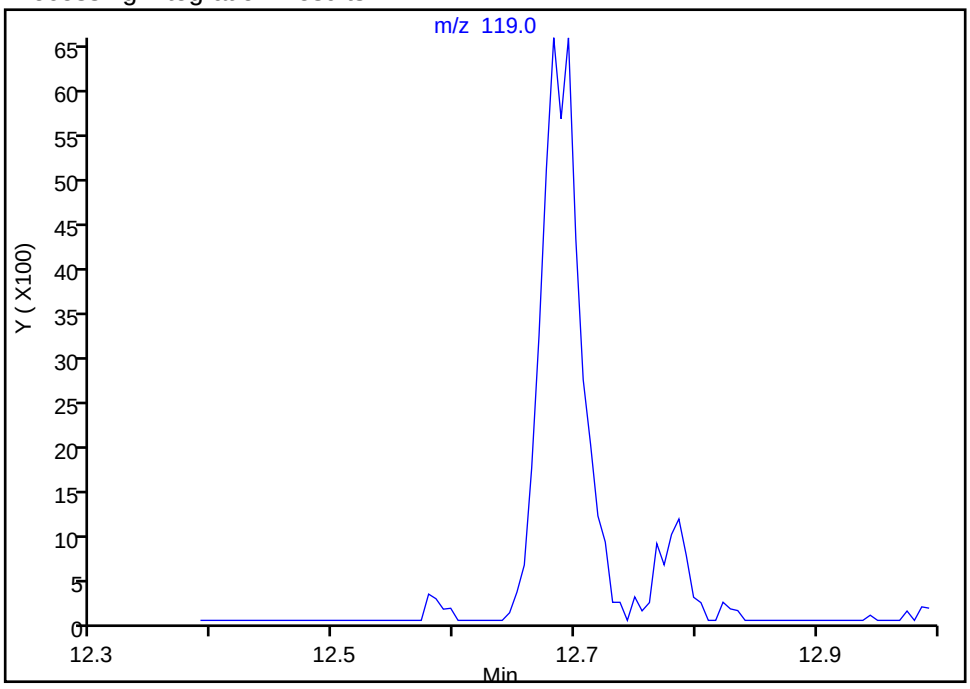
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62314.D
Injection Date: 18-Aug-2020 10:22:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

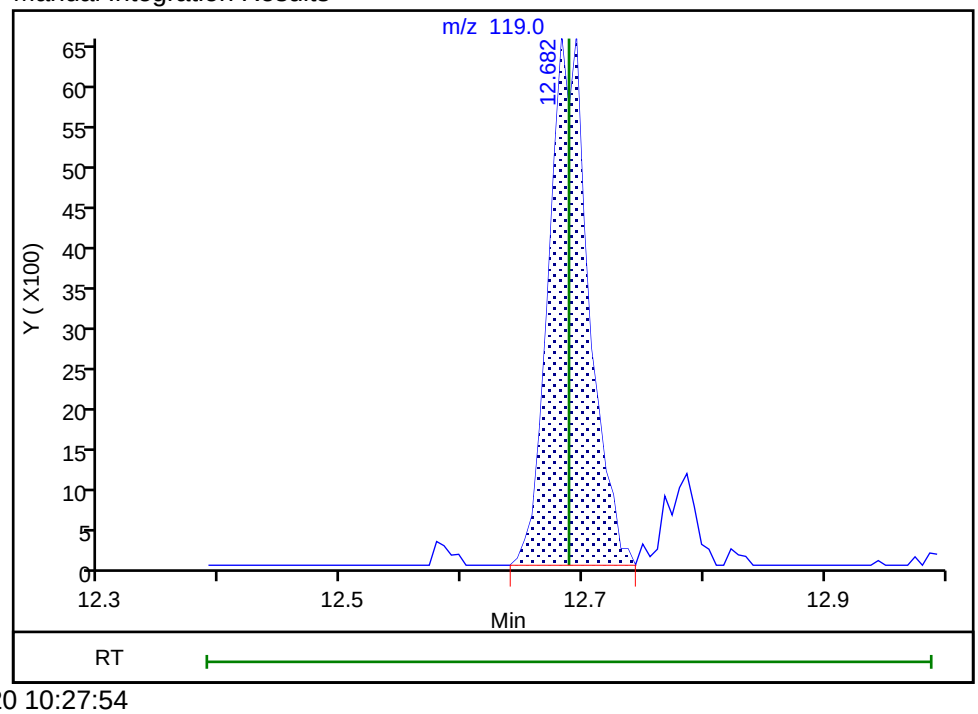
Not Detected
Expected RT: 12.69

Processing Integration Results



Manual Integration Results

RT: 12.68
Area: 15056
Amount: 0.849041
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:27:54
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Aug-2020 10:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0115309-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 10:55:40 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 18-Aug-2020 11:56:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.636	0.666	-0.030	27	3001	5.00	6.69	a
2 1,1-Difluoroethane	51	0.691	0.697	-0.006	21	34793	5.00	6.44	
3 Dichlorodifluoromethane	85	0.715	0.727	-0.012	94	48768	5.00	5.93	M
4 Chlorodifluoromethane	51	0.727	0.733	-0.006	95	61101	5.00	6.65	
5 Chloromethane	50	0.800	0.813	-0.013	98	80067	5.00	5.68	
6 Butadiene	54	0.837	0.843	-0.006	91	47926	5.00	5.11	M
7 Vinyl chloride	62	0.843	0.855	-0.012	97	50440	5.00	5.31	
8 Bromomethane	94	0.983	0.996	-0.013	98	32349	5.00	5.20	M
9 Chloroethane	64	1.020	1.026	-0.006	96	26592	5.00	5.09	M
10 Dichlorofluoromethane	67	1.124	1.136	-0.012	98	66165	5.00	5.15	
11 Trichlorofluoromethane	101	1.154	1.148	0.006	52	48609	5.00	5.28	
12 Pentane	72	1.160	1.178	-0.018	96	13049	10.0	10.7	
13 Ethyl ether	59	1.270	1.288	-0.018	70	26566	5.00	5.10	
14 Ethanol	46	1.276	1.294	-0.018	45	5564	200.0	167.8	M
15 2-Methyl-1,3-butadiene	53	1.288	1.294	-0.006	96	34909	5.00	4.97	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.306	1.300	0.006	88	28461	5.00	5.61	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.337	1.343	-0.006	66	52138	5.00	5.70	a
18 Acrolein	56	1.343	1.355	-0.012	95	128411	200.0	172.0	
19 1,1-Dichloroethene	96	1.392	1.404	-0.012	93	26655	5.00	5.07	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.435	1.441	-0.007	55	28103	5.00	4.91	M
21 Acetone	43	1.435	1.447	-0.013	86	38985	25.0	19.1	
22 Iodomethane	142	1.477	1.489	-0.012	99	40695	5.00	4.72	
23 Carbon disulfide	76	1.514	1.520	-0.006	100	90210	5.00	4.67	
24 Isopropyl alcohol	45	1.550	1.556	-0.006	23	19194	50.0	38.9	M
25 3-Chloro-1-propene	39	1.605	1.617	-0.012	93	43111	5.00	4.62	
26 Methyl acetate	43	1.630	1.636	-0.006	98	39304	10.0	10.8	
27 Acetonitrile	39	1.648	1.660	-0.012	77	22899	50.0	51.4	
28 Methylene Chloride	84	1.684	1.691	-0.007	97	29178	5.00	5.25	
* 29 TBA-d9 (IS)	65	1.752	1.770	-0.018	0	445642	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.812	1.819	-0.007	31	35648	50.0	48.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.843	1.849	-0.006	95	98860	50.0	49.8	
32 trans-1,2-Dichloroethene	96	1.849	1.867	-0.018	74	24005	5.00	4.77	
33 Methyl tert-butyl ether	73	1.867	1.880	-0.013	97	67829	5.00	4.99	M
34 Hexane	57	2.044	2.056	-0.012	93	48391	5.00	5.08	
35 1,1-Dichloroethane	63	2.136	2.154	-0.018	98	54487	5.00	5.25	
36 2-Chloro-1,3-butadiene	88	2.215	2.215	0.000	68	22409	5.00	5.00	
37 Vinyl acetate	86	2.197	2.215	-0.018	100	7261	10.0	8.58	
38 Isopropyl ether	45	2.227	2.239	-0.012	93	113716	5.00	5.34	
39 Tert-butyl ethyl ether	87	2.514	2.520	-0.006	59	25778	5.00	4.80	M
* 40 2-Butanone-d5	46	2.587	2.593	-0.006	0	427627	250.0	250.0	a
42 2,2-Dichloropropane	79	2.605	2.605	0.000	53	11504	5.00	5.08	
41 cis-1,2-Dichloroethene	96	2.605	2.611	-0.006	88	26365	5.00	5.04	
43 2-Butanone (MEK)	72	2.635	2.654	-0.019	87	13529	25.0	23.8	
44 Propionitrile	54	2.690	2.690	0.000	94	32981	50.0	45.0	
45 Ethyl acetate	70	2.703	2.721	-0.018	31	3864	10.0	9.15	a
46 Chlorobromomethane	128	2.800	2.806	-0.006	51	10733	5.00	4.52	
47 Methacrylonitrile	67	2.806	2.818	-0.012	93	87971	50.0	49.8	
48 Tetrahydrofuran	72	2.861	2.867	-0.006	30	6348	10.0	11.9	Ma
49 Chloroform	83	2.885	2.898	-0.013	94	41985	5.00	5.08	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.044	-0.006	95	183842	50.0	46.2	
50 1,1,1-Trichloroethane	97	3.038	3.050	-0.012	43	35348	5.00	5.09	
52 Cyclohexane	84	3.087	3.099	-0.012	96	39686	5.00	5.16	
53 Carbon tetrachloride	117	3.196	3.209	-0.013	78	27051	5.00	4.89	
54 1,1-Dichloropropene	75	3.196	3.209	-0.013	91	34595	5.00	5.08	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.355	-0.006	0	220674	50.0	45.8	
56 Benzene	78	3.391	3.398	-0.007	96	97394	5.00	4.86	
57 1,2-Dichloroethane	62	3.428	3.434	-0.006	94	31312	5.00	5.03	
58 Isobutyl alcohol	42	3.507	3.483	0.024	32	19878	125.0	121.4	Ma
59 Tert-amyl methyl ether	73	3.568	3.574	-0.006	90	77368	5.00	4.74	a
* 60 Fluorobenzene	96	3.708	3.721	-0.013	98	602855	50.0	50.0	
61 n-Heptane	43	3.757	3.769	-0.012	96	54460	5.00	5.27	
62 Trichloroethene	95	4.135	4.141	-0.006	94	21537	5.00	4.69	
63 n-Butanol	43	4.263	4.263	0.000	1	3569	125.0	60.0	
64 Methylcyclohexane	83	4.349	4.355	-0.006	88	44821	5.00	4.83	
65 Ethyl acrylate	55	4.355	4.355	0.000	92	64985	5.00	4.64	
66 1,2-Dichloropropane	63	4.379	4.397	-0.018	92	24537	5.00	4.50	
67 Dibromomethane	93	4.538	4.538	0.000	36	11814	5.00	4.59	
* 68 1,4-Dioxane-d8	96	4.580	4.574	0.006	0	27382	1000.0	1000.0	
69 1,4-Dioxane	88	4.611	4.653	-0.042	28	4895	100.0	118.8	M
70 Methyl methacrylate	100	4.653	4.660	-0.007	91	7365	10.0	8.45	
71 Dichlorobromomethane	83	4.788	4.788	0.000	97	25345	5.00	4.42	
72 2-Nitropropane	41	5.098	5.117	-0.019	96	9030	10.0	8.53	
73 2-Chloroethyl vinyl ether	63	5.281	5.294	-0.013	31	6720	5.01	4.23	M
74 Epichlorohydrin	57	5.318	5.318	0.000	98	35616	100.0	77.6	a
75 cis-1,3-Dichloropropene	75	5.422	5.428	-0.006	97	31839	5.00	4.55	
76 4-Methyl-2-pentanone (MIBK)	43	5.732	5.739	-0.007	97	129623	25.0	21.2	a
$ 77 Toluene-d8 (Surr)	98	5.793	5.800	-0.007	98	714044	50.0	44.4	
78 Toluene	91	5.885	5.897	-0.012	92	89677	5.00	4.66	
79 trans-1,3-Dichloropropene	75	6.324	6.330	-0.006	98	25850	5.00	4.57	
80 1,1,2-Trichloroethane	83	6.610	6.598	0.012	85	15874	5.00	5.12	a
81 Tetrachloroethene	166	6.757	6.757	0.000	91	20663	5.00	4.85	
82 1,3-Dichloropropane	76	6.848	6.854	-0.006	98	30644	5.00	4.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.147	7.141	0.006	97	69022	25.0	19.1	
84 Chlorodibromomethane	129	7.226	7.214	0.012	93	14483	5.00	4.32	
85 Ethylene Dibromide	107	7.336	7.336	0.000	95	14632	5.00	4.68	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	90	431734	50.0	50.0	
87 Chlorobenzene	112	8.293	8.299	-0.006	94	53970	5.00	4.90	
88 1,1,1,2-Tetrachloroethane	131	8.518	8.525	-0.007	91	18428	5.00	4.58	
89 Ethylbenzene	106	8.592	8.598	-0.006	99	30439	5.00	4.75	
90 m-Xylene & p-Xylene	106	8.848	8.842	0.006	97	36585	5.00	4.65	M
92 o-Xylene	106	9.555	9.555	0.000	93	40153	5.00	4.96	
93 Styrene	104	9.598	9.598	0.000	94	56104	5.00	4.65	
91 n-Butyl acrylate	73	9.768	9.768	0.000	0	12922	5.00	4.57	
94 Bromoform	173	9.848	9.841	0.007	93	8492	5.00	4.38	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	87	39601	5.00	4.71	
96 Isopropylbenzene	105	10.274	10.274	0.000	96	106449	5.00	5.04	
$ 97 4-Bromofluorobenzene	174	10.488	10.482	0.006	86	199232	50.0	48.7	
98 Bromobenzene	156	10.664	10.664	0.000	95	23416	5.00	5.26	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	84	6919	5.00	5.48	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	95	26725	5.00	5.23	
101 trans-1,4-Dichloro-2-butene	53	10.988	10.988	0.000	37	6719	5.00	4.63	
102 N-Propylbenzene	120	11.012	11.018	-0.006	99	27674	5.00	5.14	
103 2-Chlorotoluene	126	11.061	11.061	0.000	96	22102	5.00	4.79	
104 4-Ethyltoluene	105	11.231	11.231	0.000	98	91844	5.00	4.80	
105 4-Chlorotoluene	91	11.268	11.268	0.000	98	77541	5.00	4.75	
106 1,3,5-Trimethylbenzene	105	11.359	11.359	0.000	93	78763	5.00	4.58	
107 tert-Butylbenzene	119	11.902	11.902	0.000	91	58411	5.00	4.26	
108 1,2,4-Trimethylbenzene	105	11.993	12.000	-0.007	98	79132	5.00	4.53	
109 sec-Butylbenzene	105	12.341	12.341	0.000	99	98179	5.00	4.41	
110 1,3-Dichlorobenzene	146	12.426	12.432	-0.006	95	42499	5.00	4.91	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	227185	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	90	42515	5.00	4.87	
113 4-Isopropyltoluene	119	12.688	12.688	0.000	97	82576	5.00	4.48	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	99	82996	5.00	4.61	
115 Benzyl chloride	126	12.896	12.896	0.000	97	5600	5.00	4.04	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	82344	5.00	4.72	
117 1,2-Dichlorobenzene	146	13.133	13.133	0.000	95	46009	5.00	5.00	
118 p-Diethylbenzene	119	13.207	13.213	-0.006	92	44827	5.00	4.67	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	50542	5.00	4.58	
120 1,2-Dibromo-3-Chloropropane	157	13.889	13.889	0.000	82	4327	5.00	4.88	
121 1,2,4,5-Tetramethylbenzene	119	13.914	13.908	0.006	99	82174	5.00	4.63	
122 1,3,5-Trichlorobenzene	180	14.054	14.054	0.000	95	35403	5.00	4.76	
123 1,2,4-Trichlorobenzene	180	14.493	14.493	0.000	94	29556	5.00	4.65	
124 Hexachlorobutadiene	225	14.627	14.627	0.000	93	17420	5.00	4.77	
125 Naphthalene	128	14.639	14.639	0.000	99	66813	5.00	4.49	
126 1,2,3-Trichlorobenzene	180	14.798	14.798	0.000	94	28577	5.00	4.51	
S 127 1,2-Dichloroethene, Total	100				0		10.0	9.81	
S 128 1,3-Dichloropropene, Total	100				0		10.0	9.12	
S 129 Xylenes, Total	100				0		10.0	9.62	
S 130 Total BTEX	1				0		25.0	23.9	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	0.50	Units: uL	
GASES Li_00381	Amount Added:	0.50	Units: uL	
524freon_00026	Amount Added:	0.50	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Aug-2020 10:55:42 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D

Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2 Operator ID:

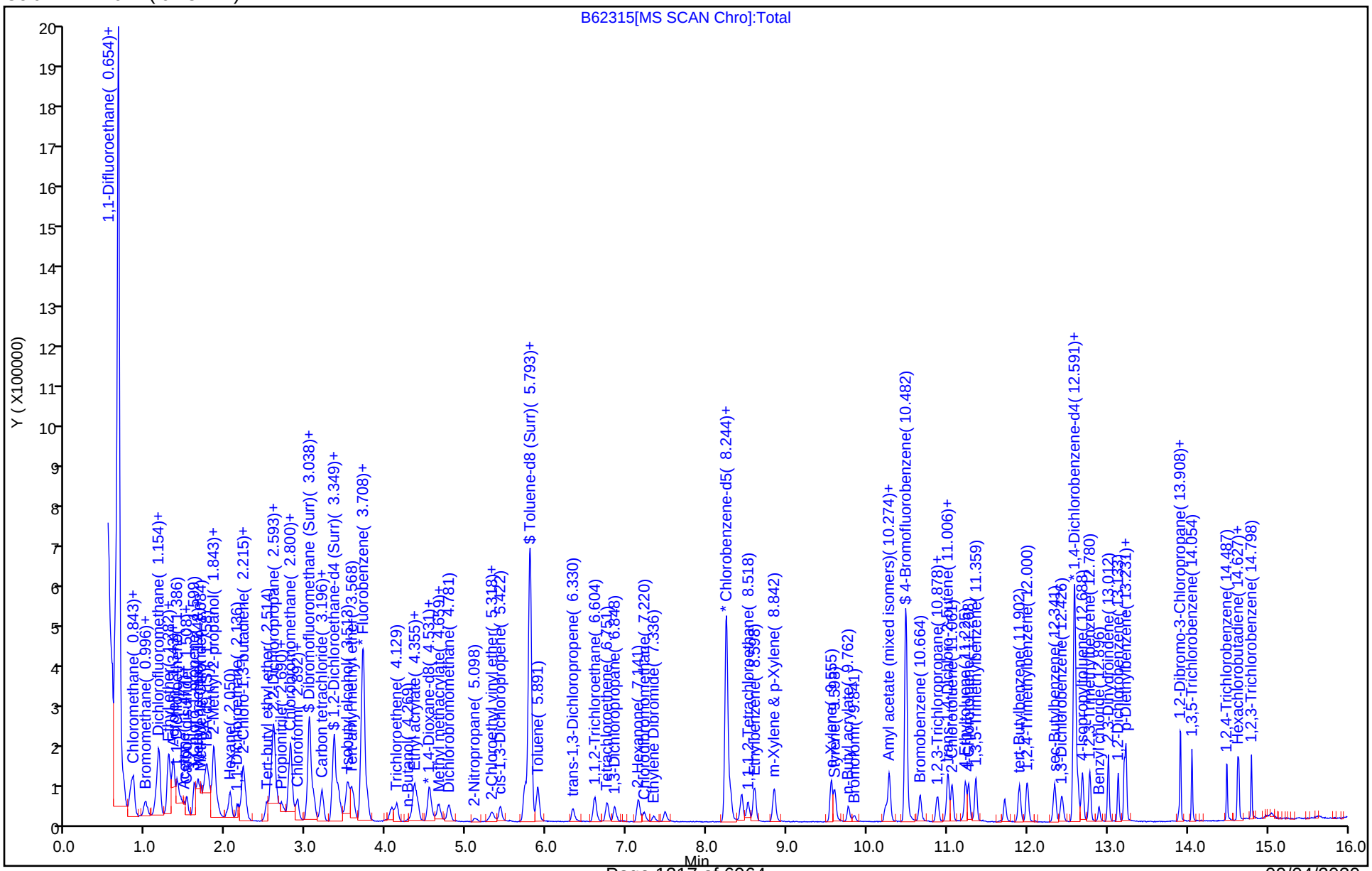
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

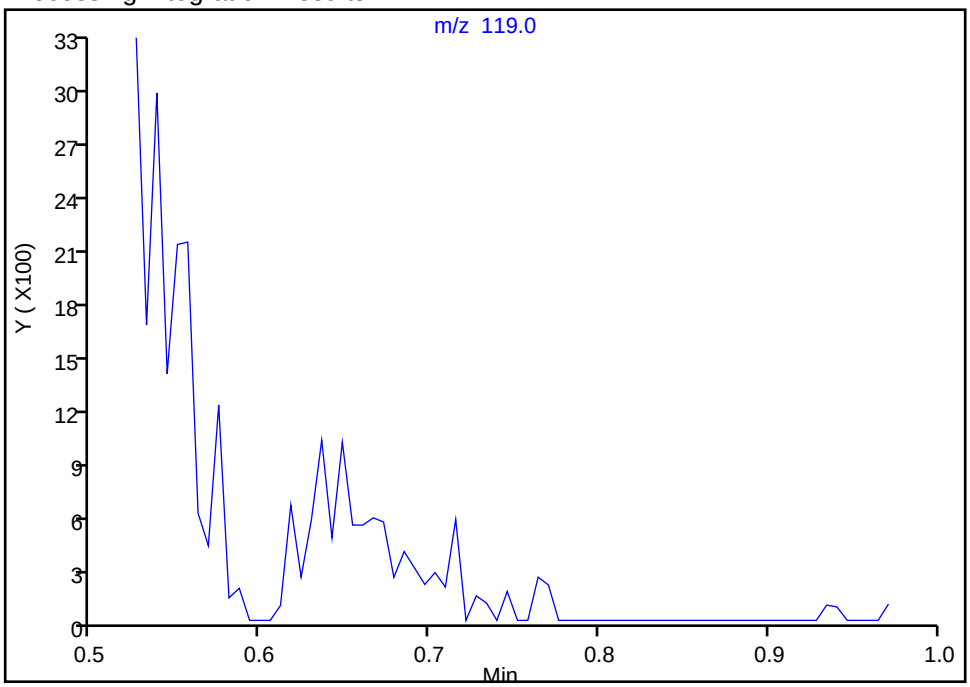
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

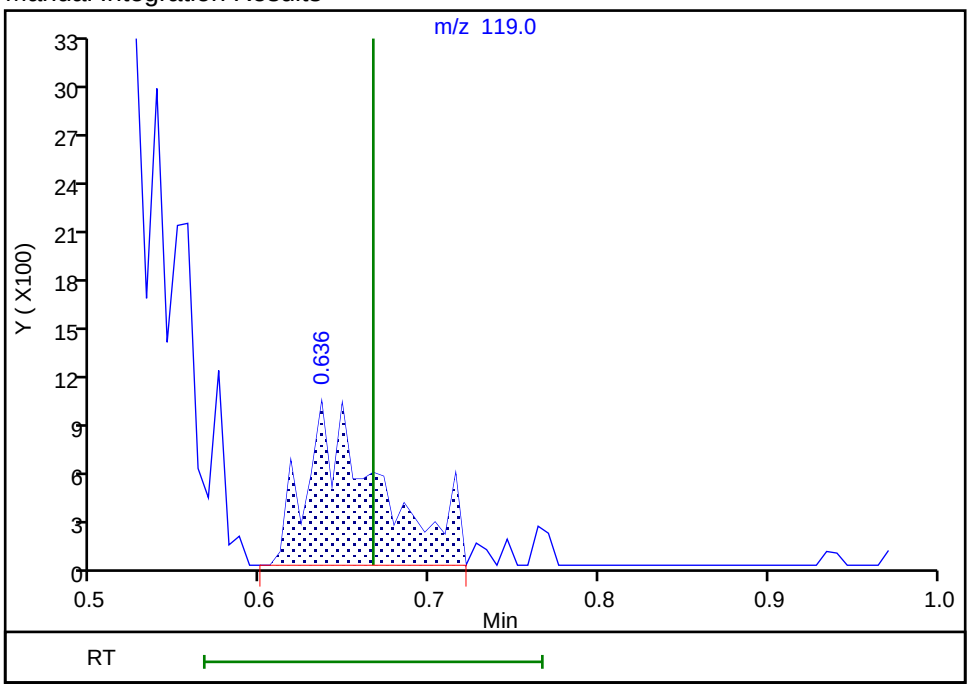
Not Detected
Expected RT: 0.67

Processing Integration Results



Manual Integration Results

RT: 0.64
Area: 3001
Amount: 6.685315
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:29:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

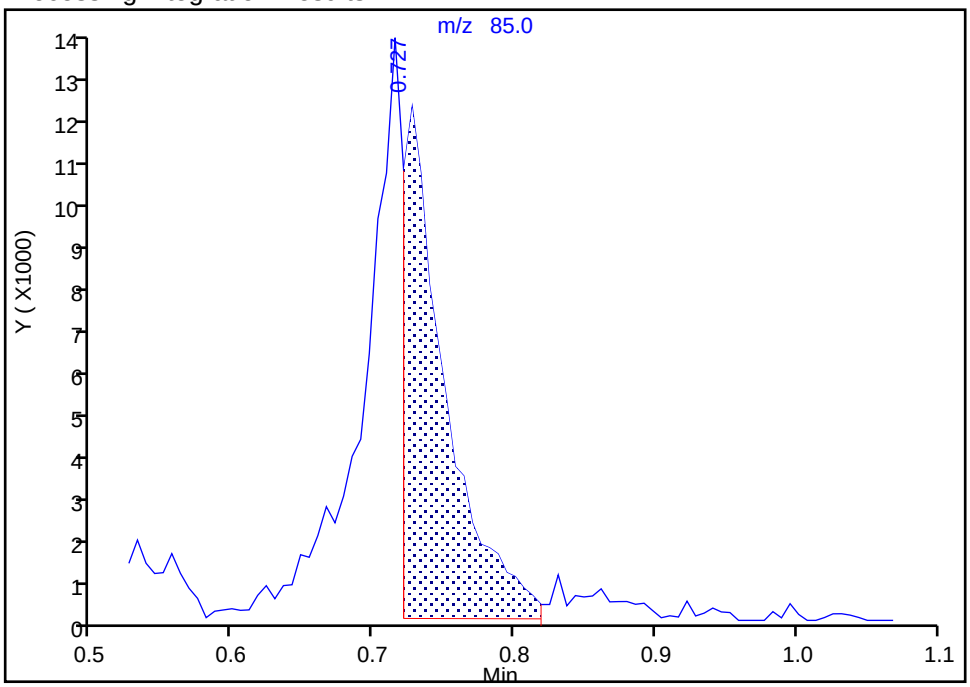
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

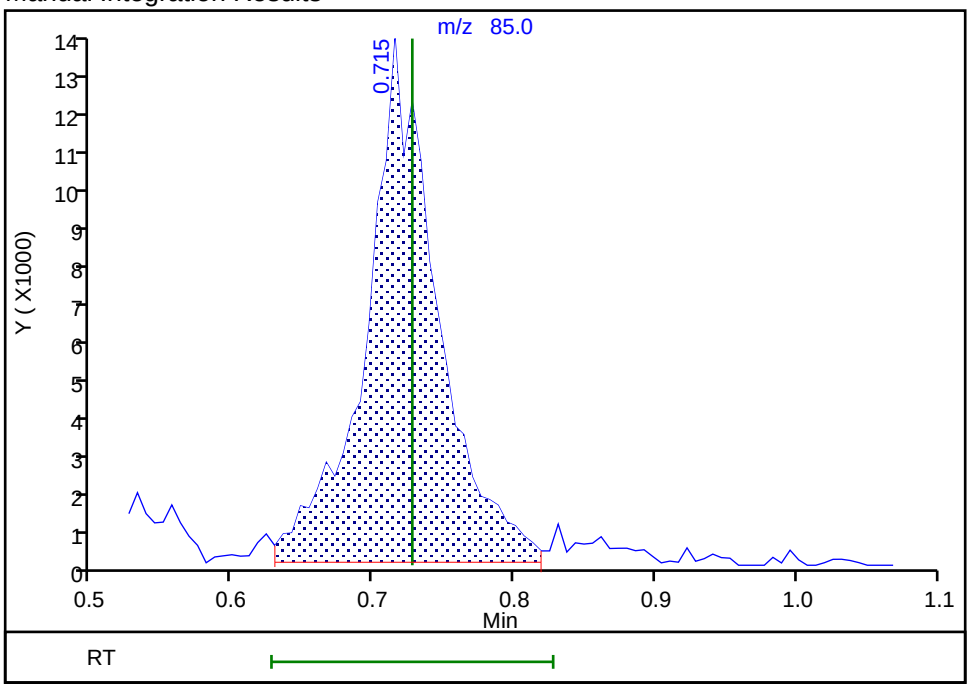
Processing Integration Results

RT: 0.73
Area: 26062
Amount: 0.004998
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 48768
Amount: 5.925116
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:29:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

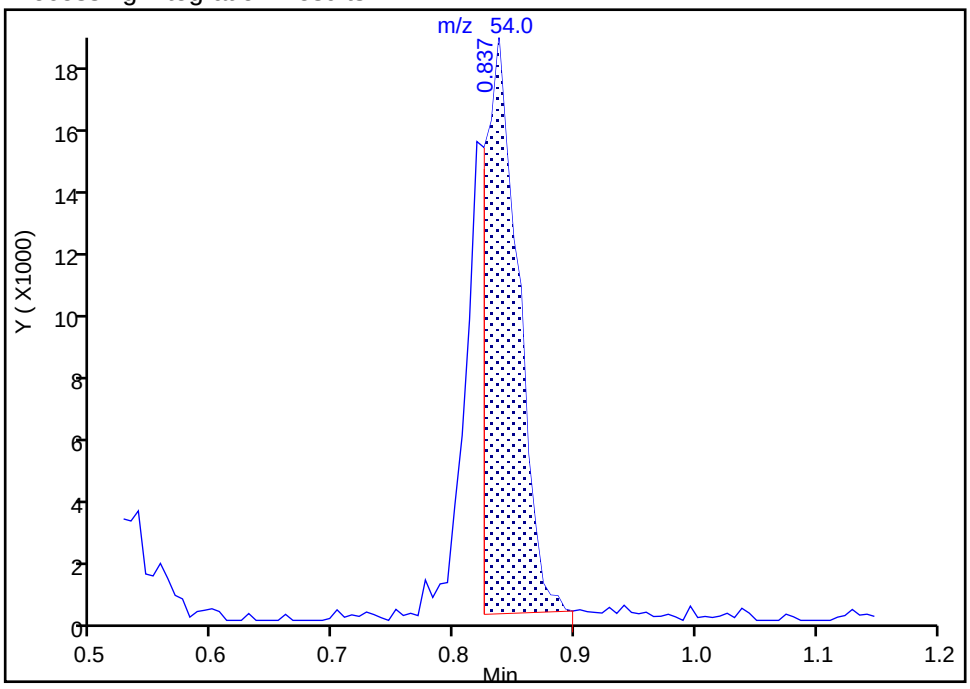
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Signal: 1

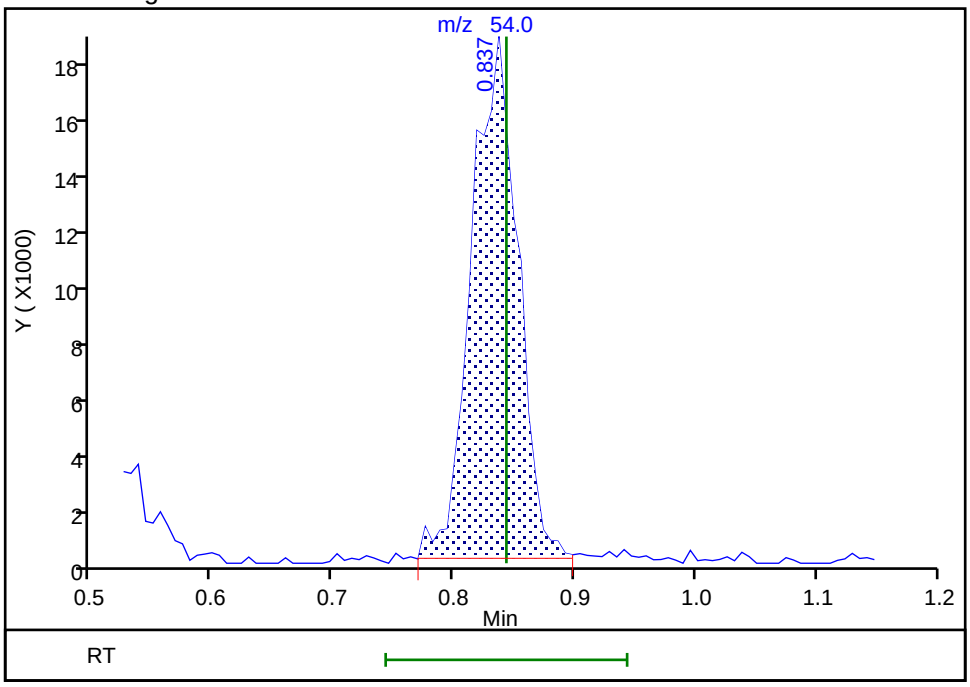
Processing Integration Results

RT: 0.84
Area: 34270
Amount: 0.005236
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 47926
Amount: 5.109645
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:29:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

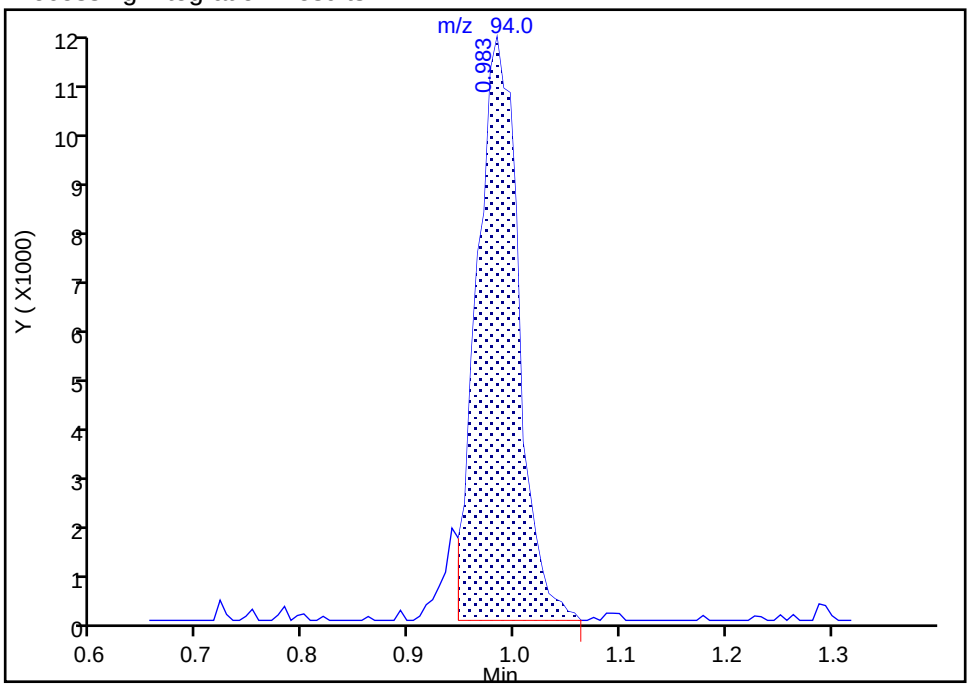
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Bromomethane, CAS: 74-83-9

Signal: 1

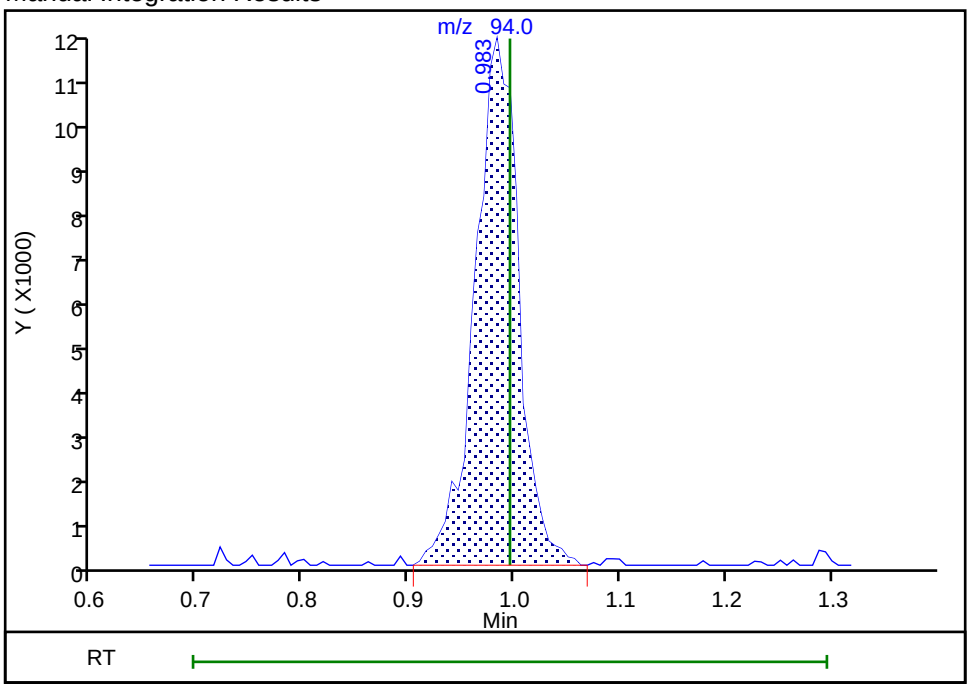
Processing Integration Results

RT: 0.98
Area: 30844
Amount: 0.007562
Amount Units: ug/l



Manual Integration Results

RT: 0.98
Area: 32349
Amount: 5.200628
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:29:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

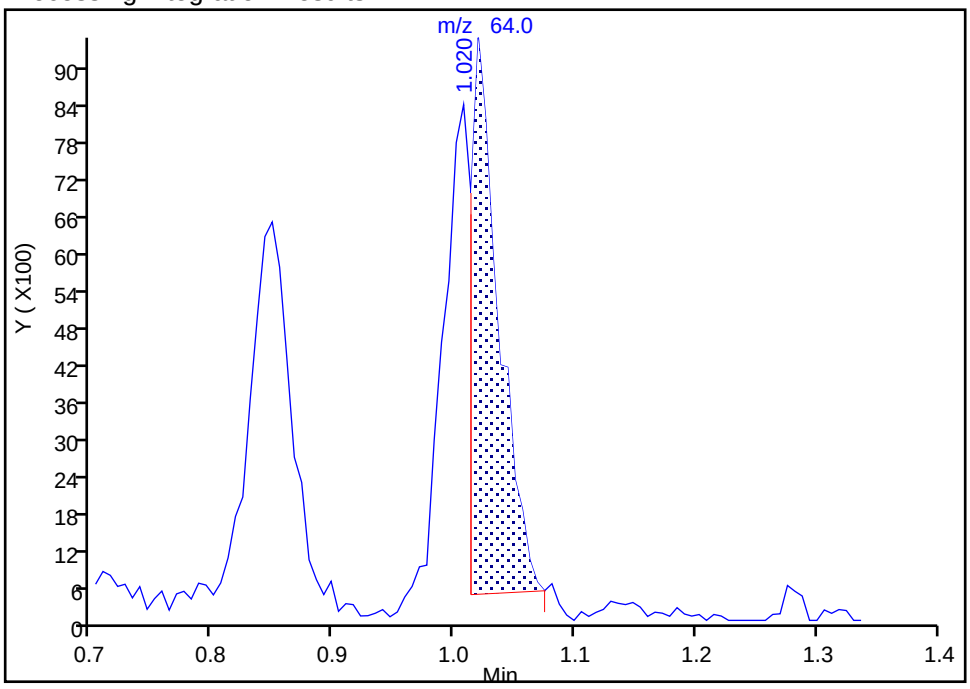
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Chloroethane, CAS: 75-00-3

Signal: 1

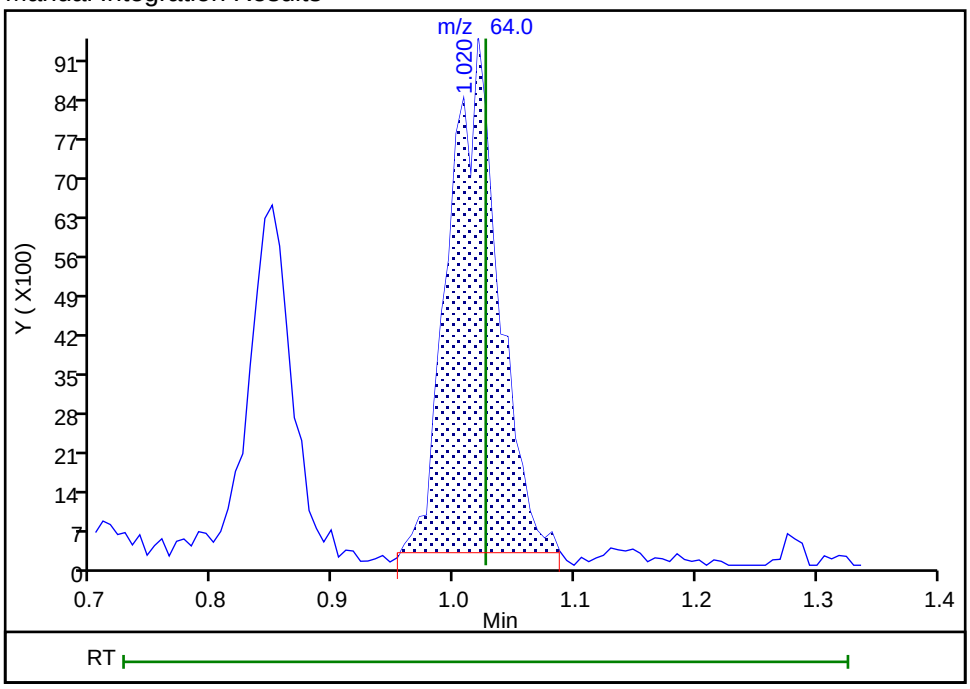
Processing Integration Results

RT: 1.02
Area: 14660
Amount: 0.003849
Amount Units: ug/l



Manual Integration Results

RT: 1.02
Area: 26592
Amount: 5.088920
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:30:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

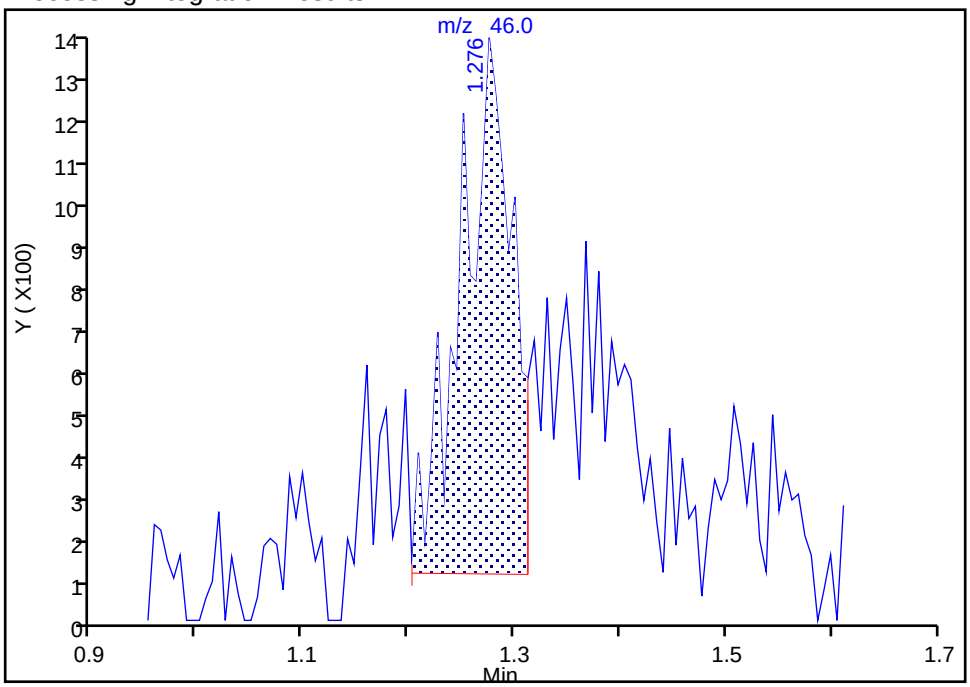
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

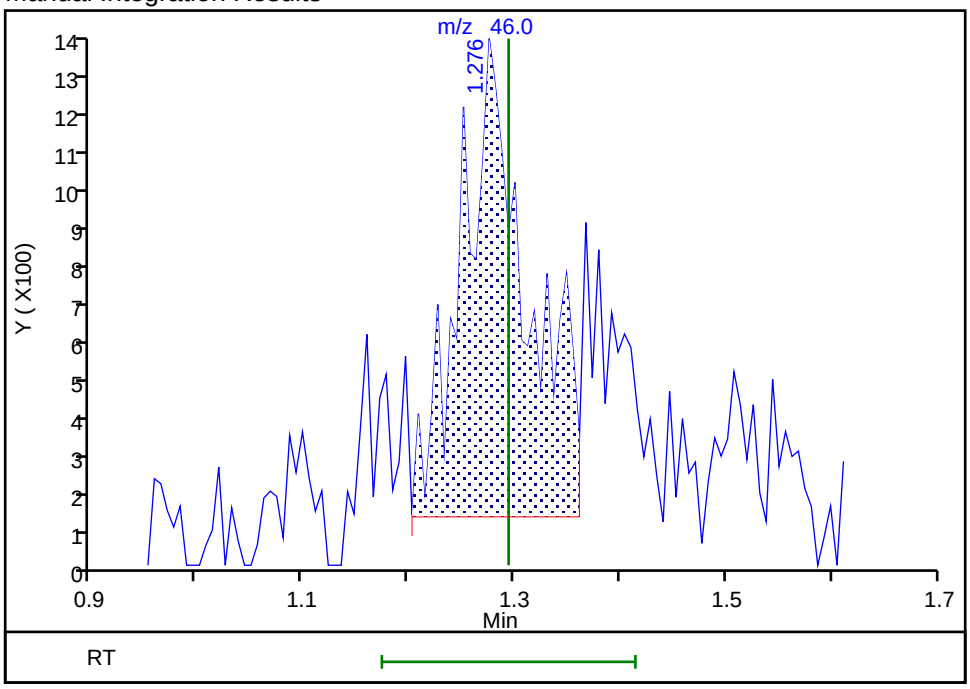
Processing Integration Results

RT: 1.28
Area: 4351
Amount: 135.7781
Amount Units: ug/l



Manual Integration Results

RT: 1.28
Area: 5564
Amount: 167.8310
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:42:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

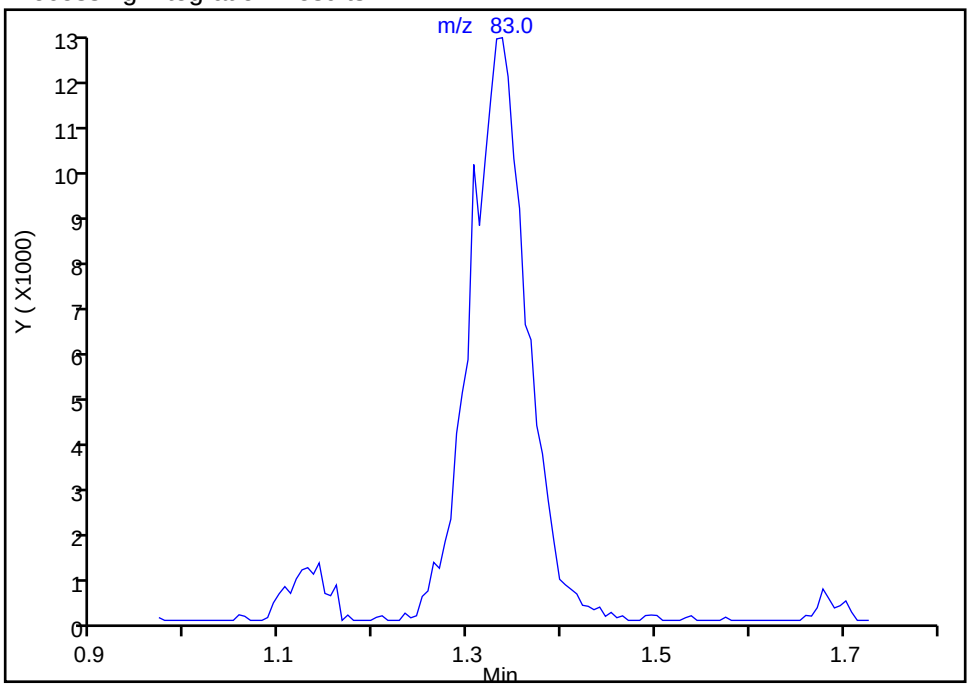
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

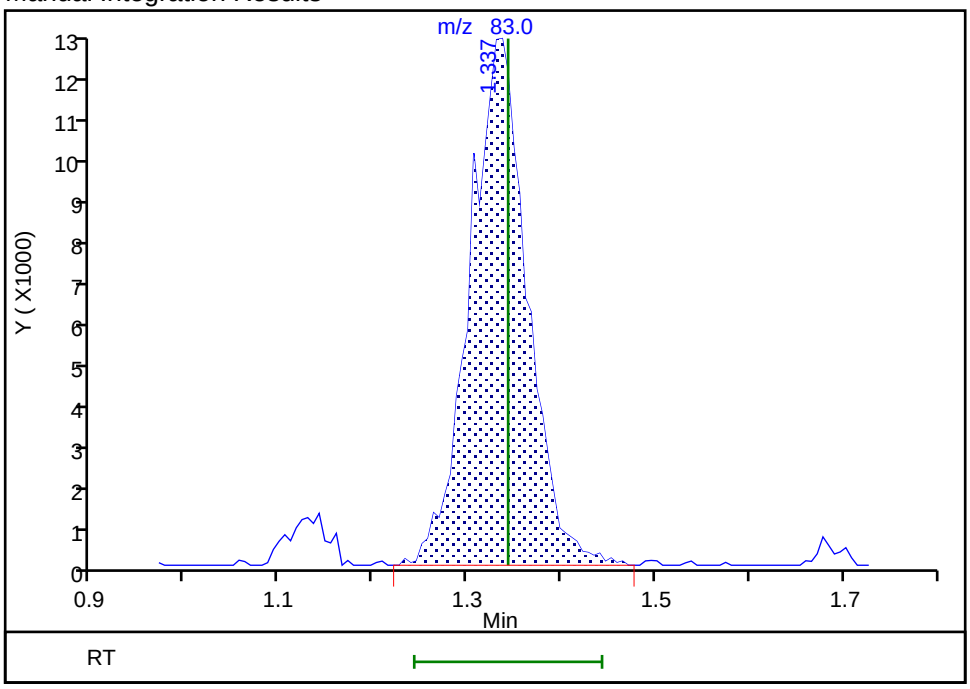
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 52138
Amount: 5.700729
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:30:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

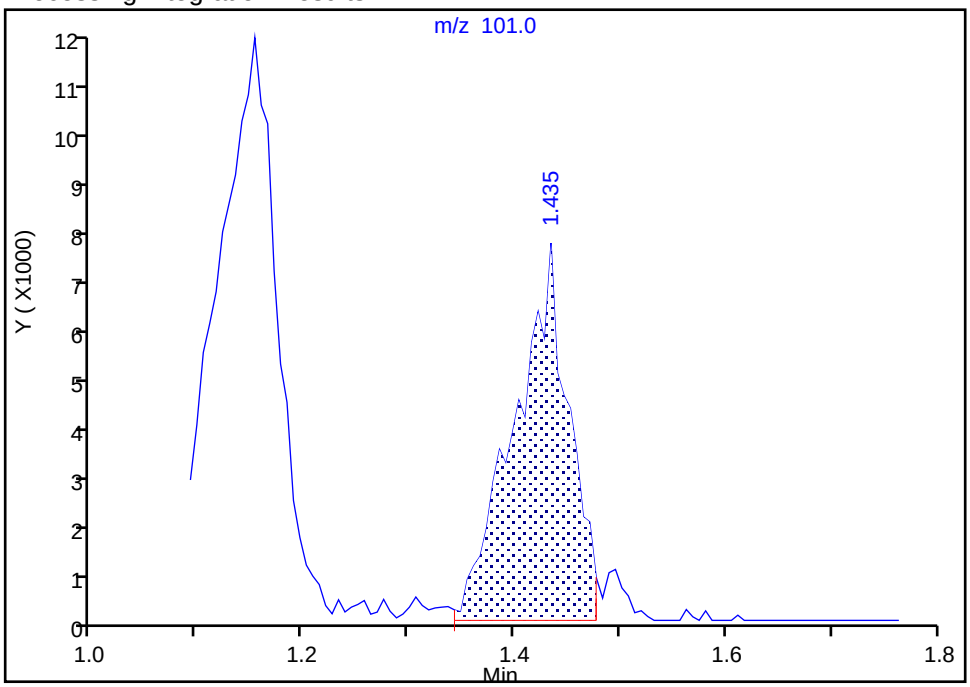
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

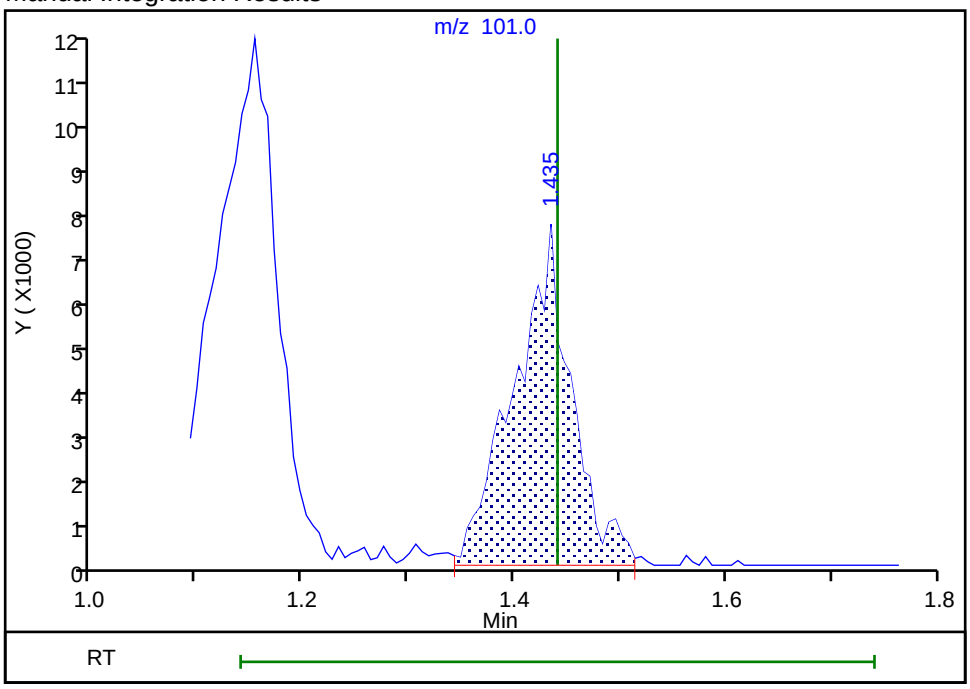
Processing Integration Results

RT: 1.43
Area: 26755
Amount: 0.008496
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 28103
Amount: 4.913800
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:30:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

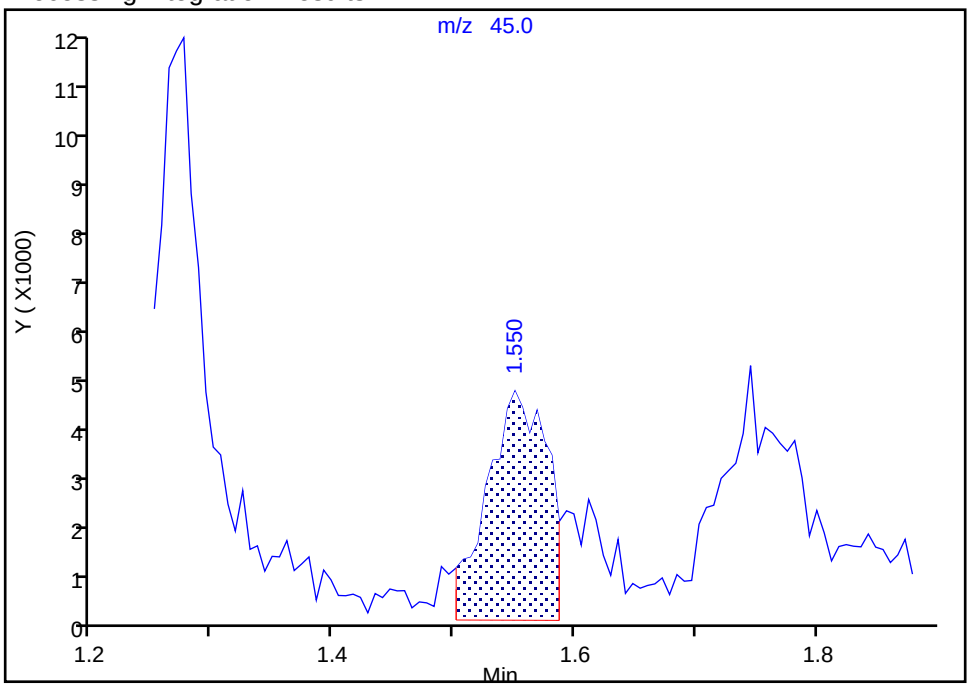
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

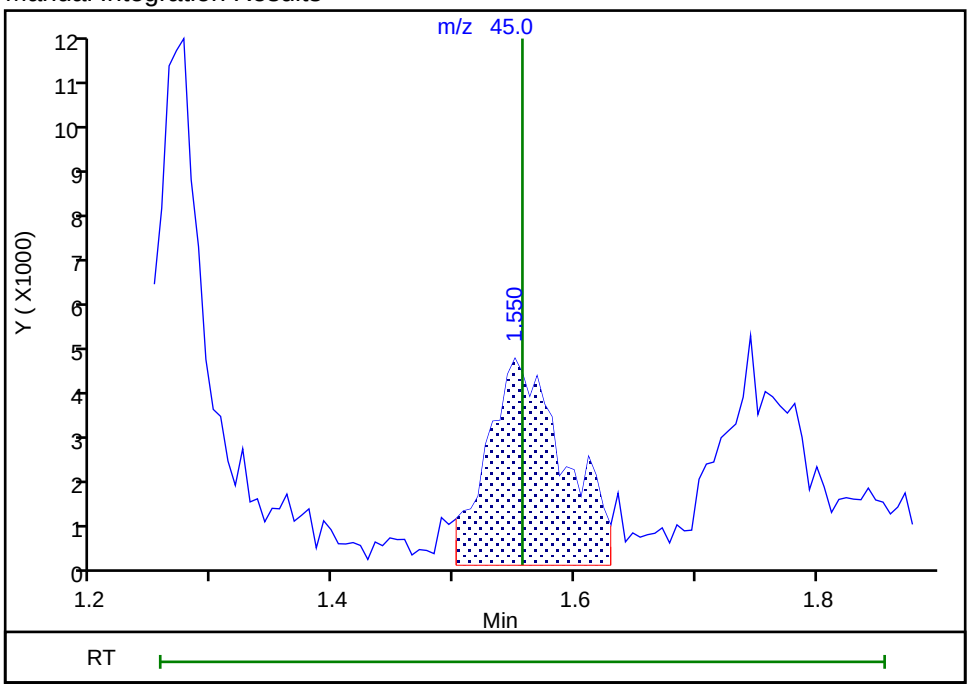
Processing Integration Results

RT: 1.55
Area: 15082
Amount: 51.892204
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 19194
Amount: 38.876112
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:30:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

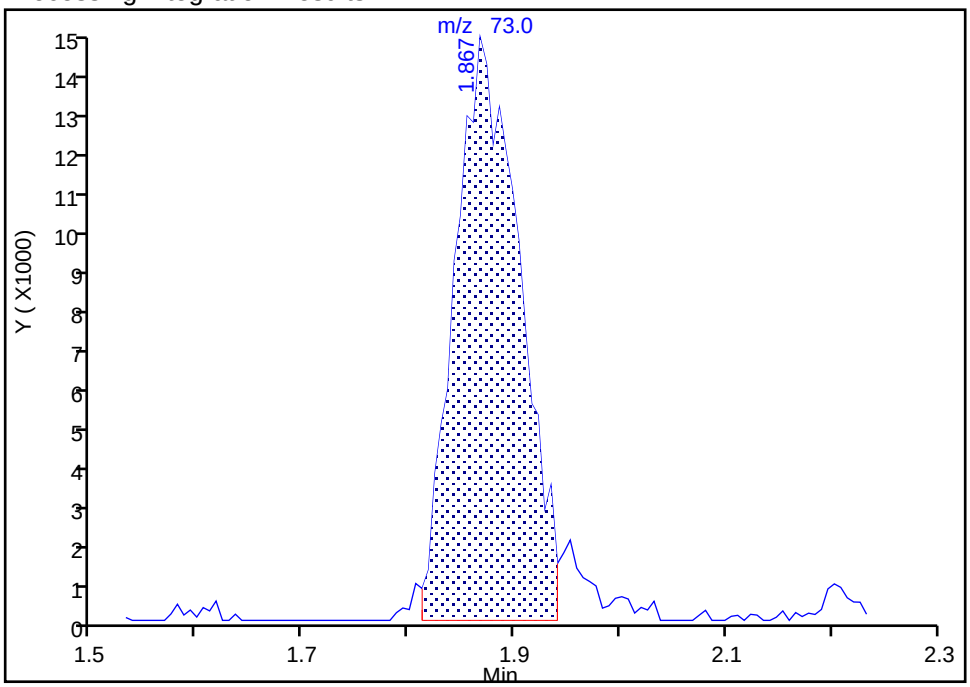
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D		
Injection Date:	18-Aug-2020 10:46:30	Instrument ID:	CVOAMS2
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

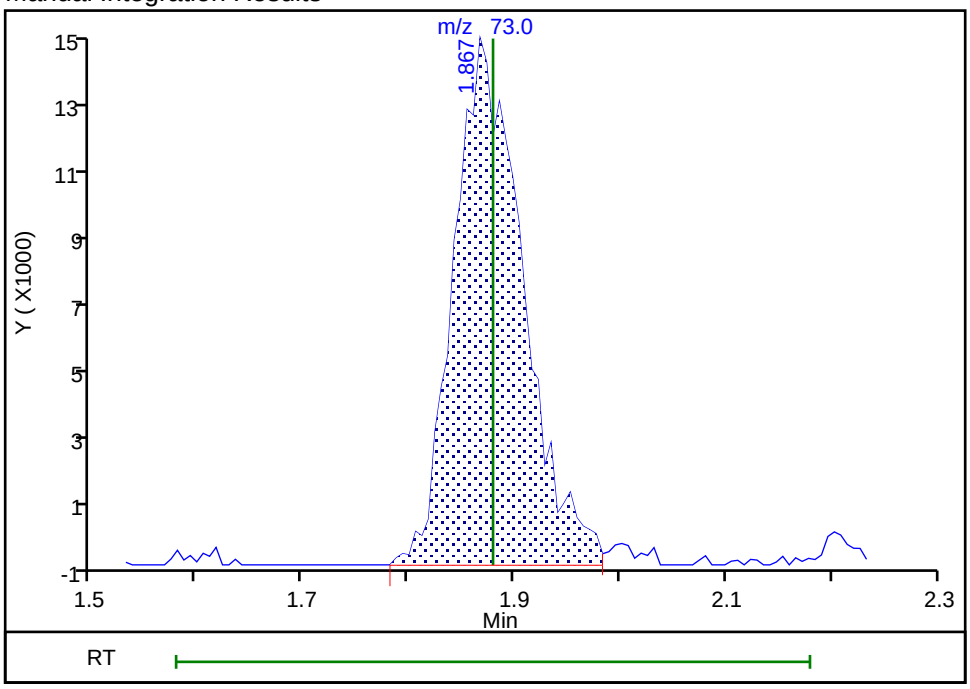
Processing Integration Results

RT: 1.87
Area: 63997
Amount: 0.006263
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 67829
Amount: 4.993815
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:31:01

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

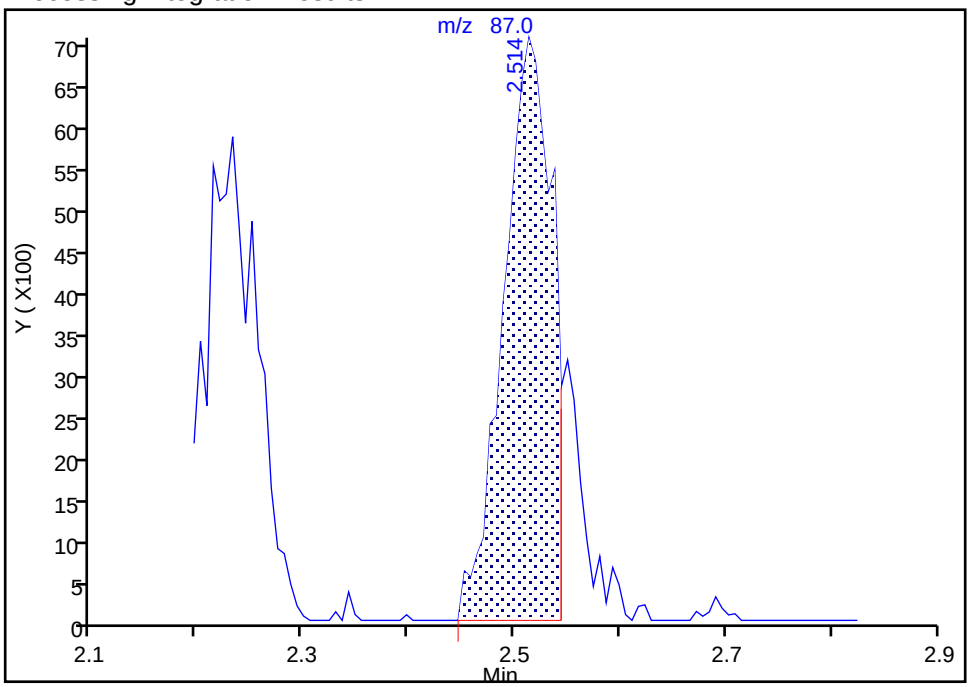
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

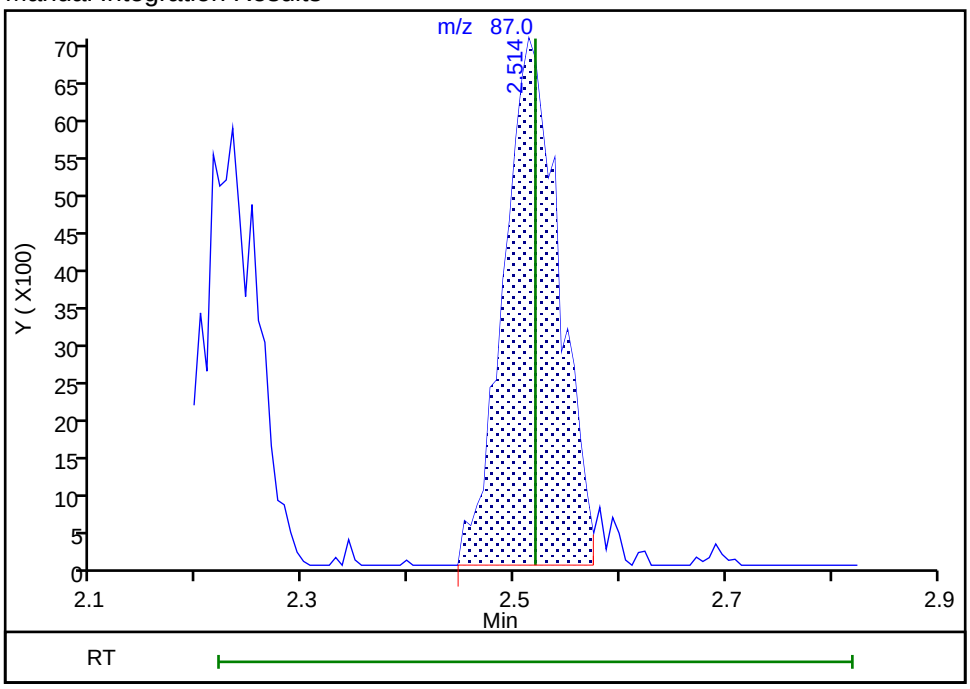
Processing Integration Results

RT: 2.51
Area: 22547
Amount: 0.015690
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 25778
Amount: 4.802020
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:31:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

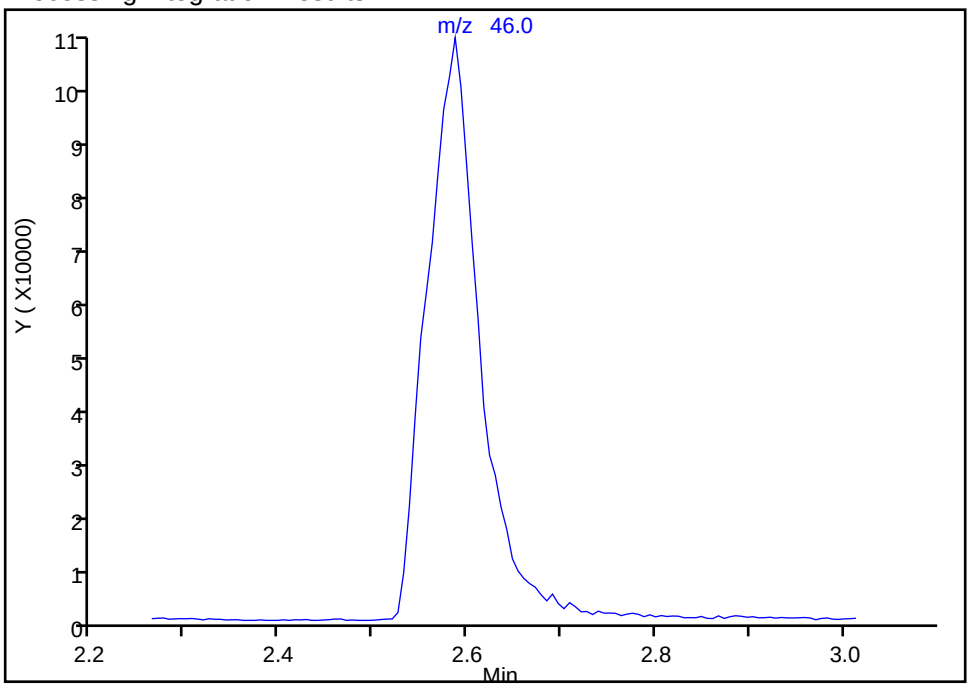
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

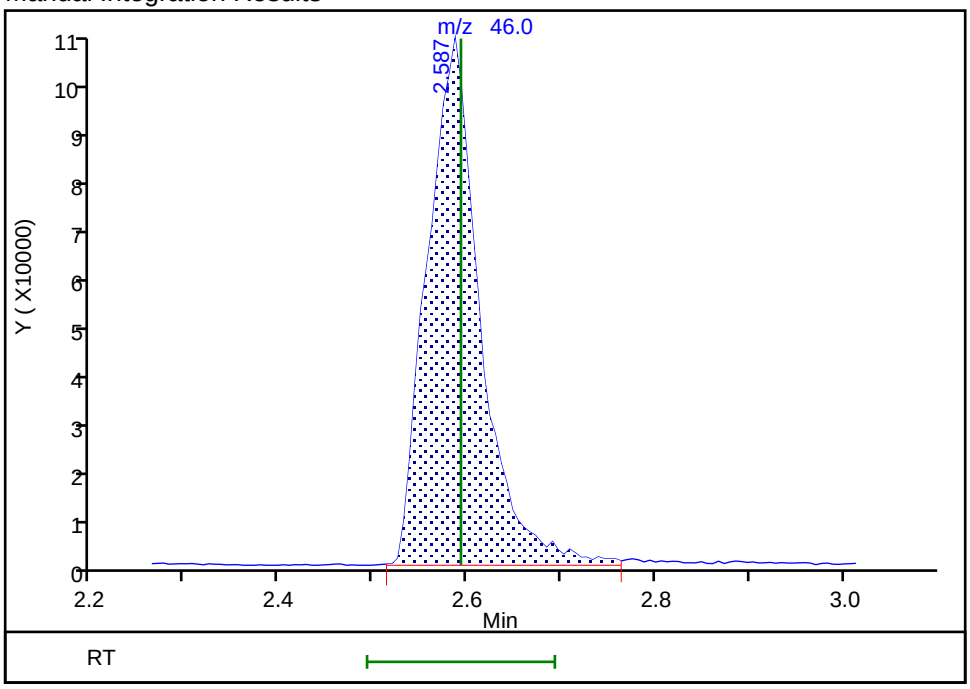
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 427627
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:28:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

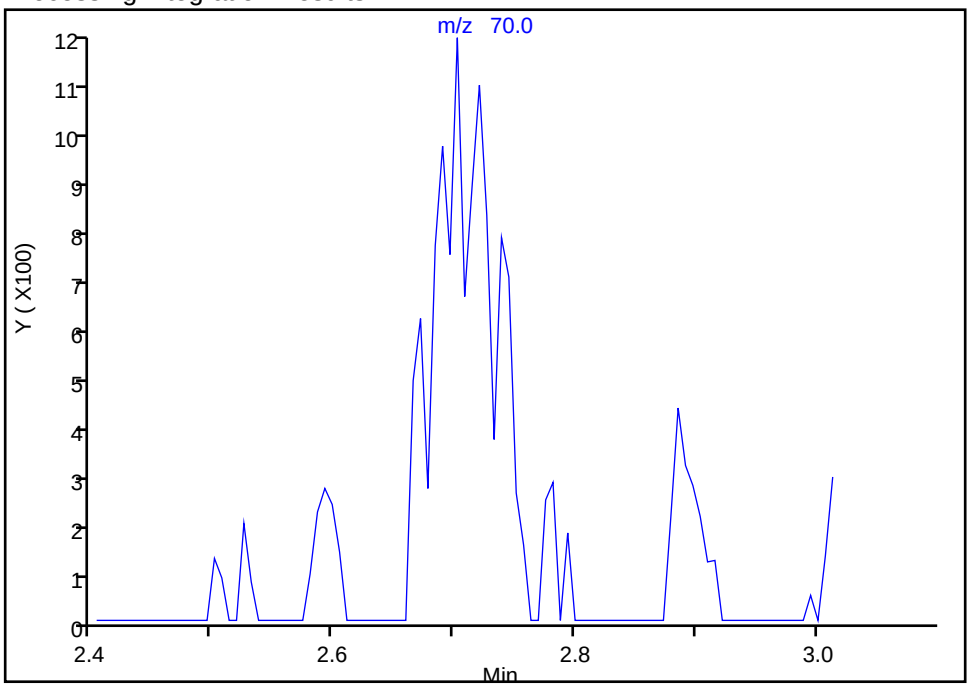
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

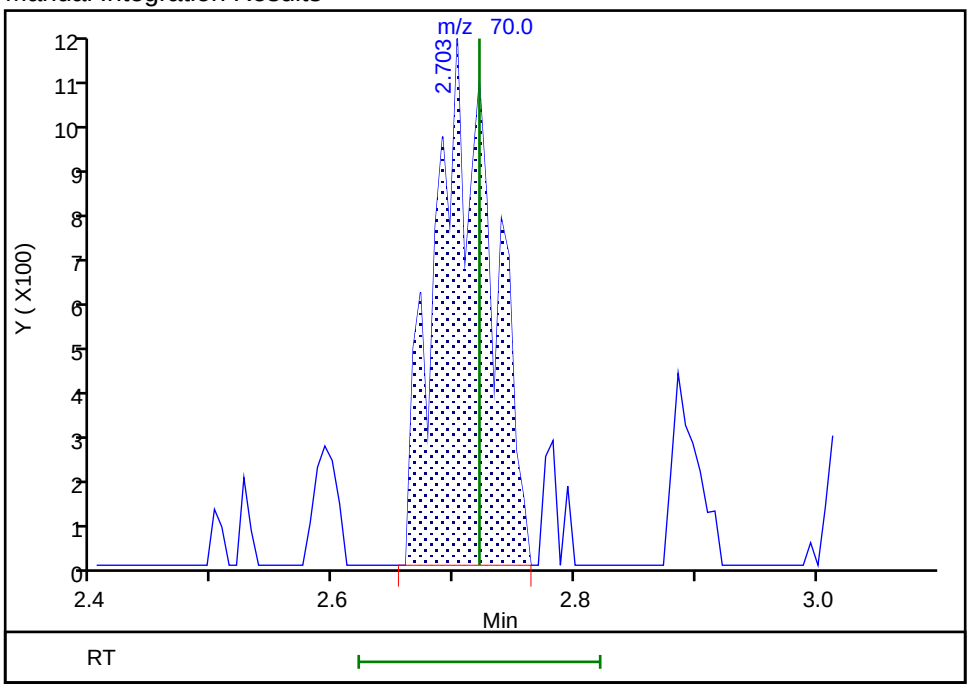
Not Detected
Expected RT: 2.72

Processing Integration Results



Manual Integration Results

RT: 2.70
Area: 3864
Amount: 9.153201
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:31:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

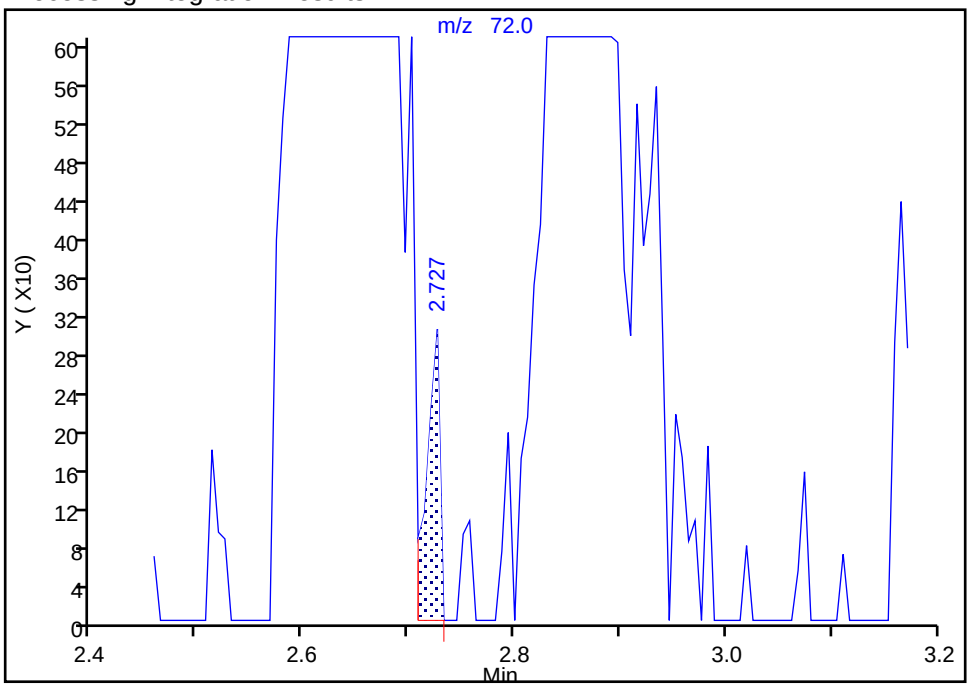
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

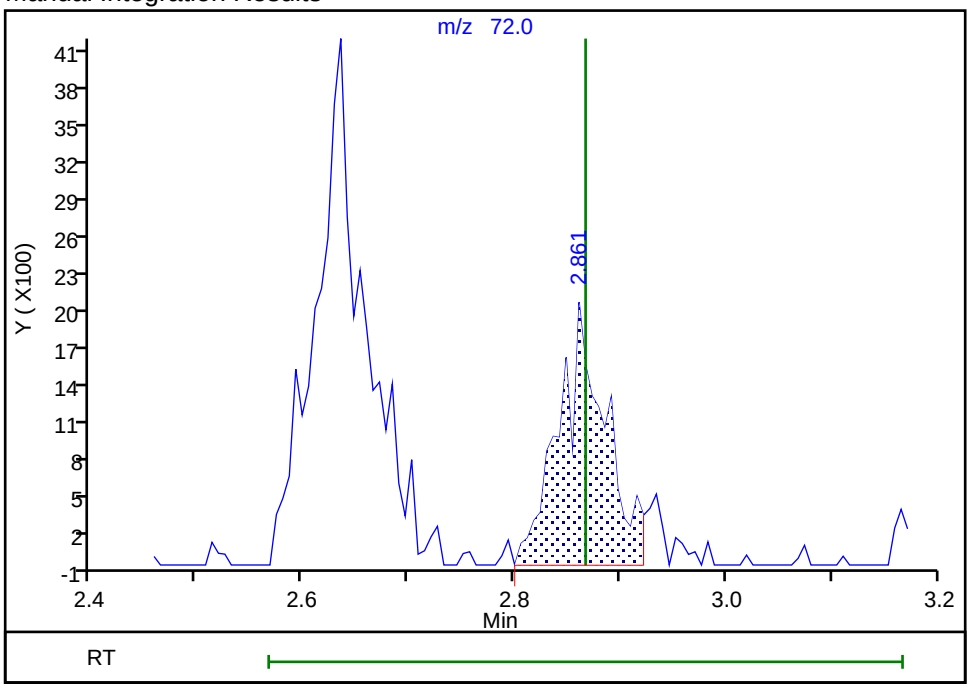
Processing Integration Results

RT: 2.73
Area: 264
Amount: 0.738031
Amount Units: ug/l



Manual Integration Results

RT: 2.86
Area: 6348
Amount: 11.850687
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:31:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

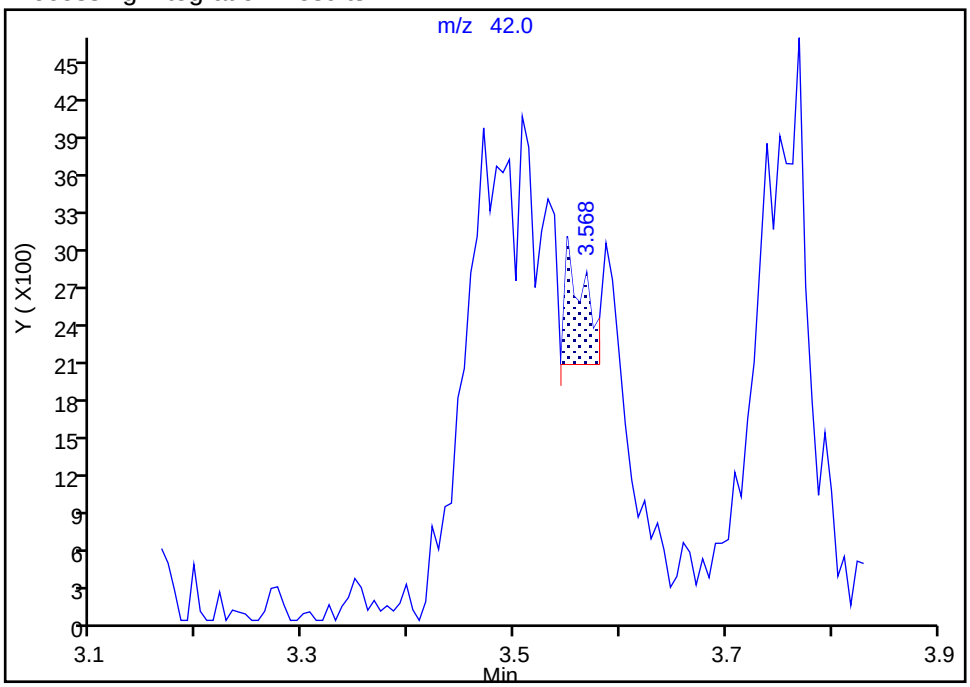
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

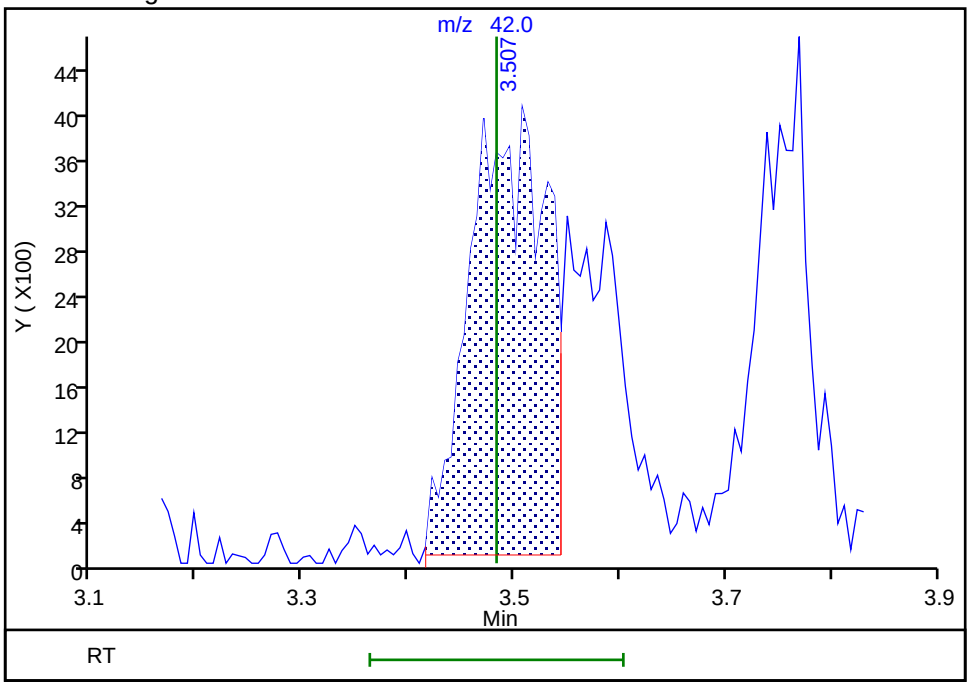
Processing Integration Results

RT: 3.57
Area: 1261
Amount: 9.966713
Amount Units: ug/l



Manual Integration Results

RT: 3.51
Area: 19878
Amount: 121.4297
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:31:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

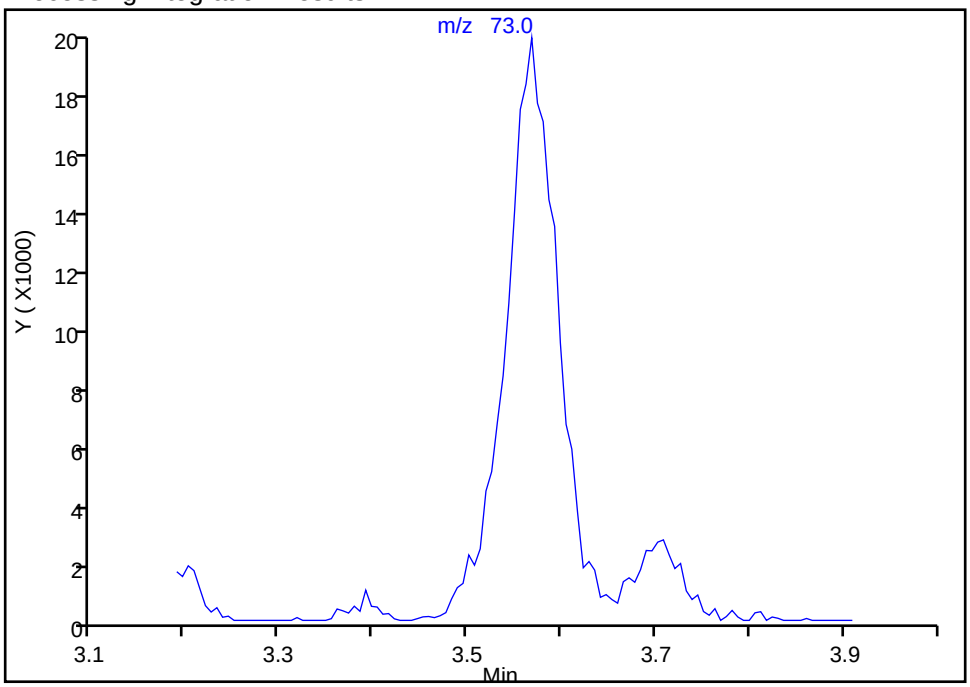
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

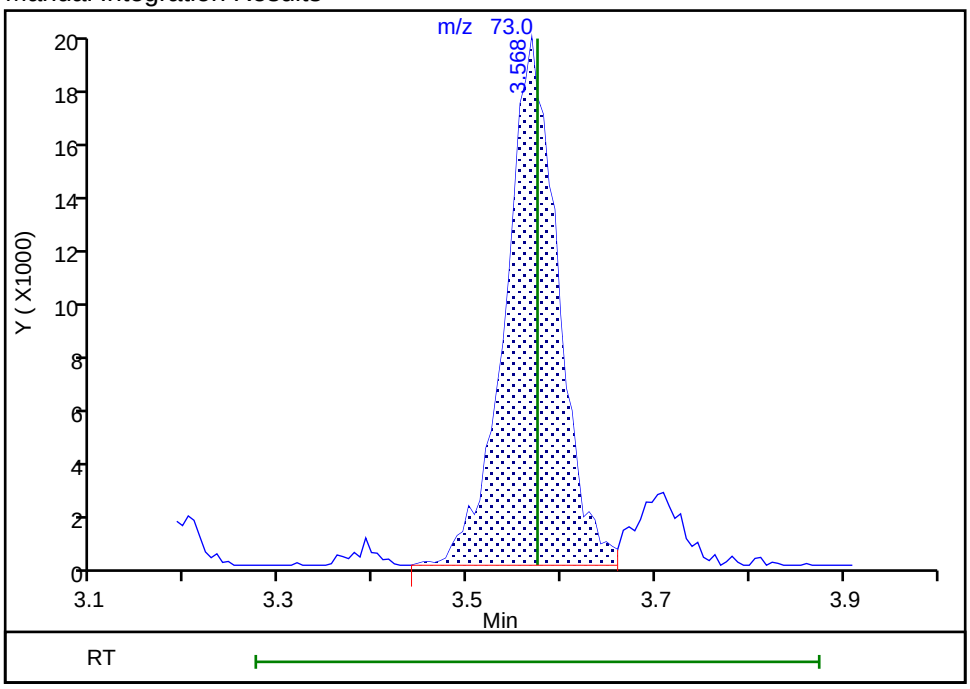
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.57
Area: 77368
Amount: 4.741093
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:32:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

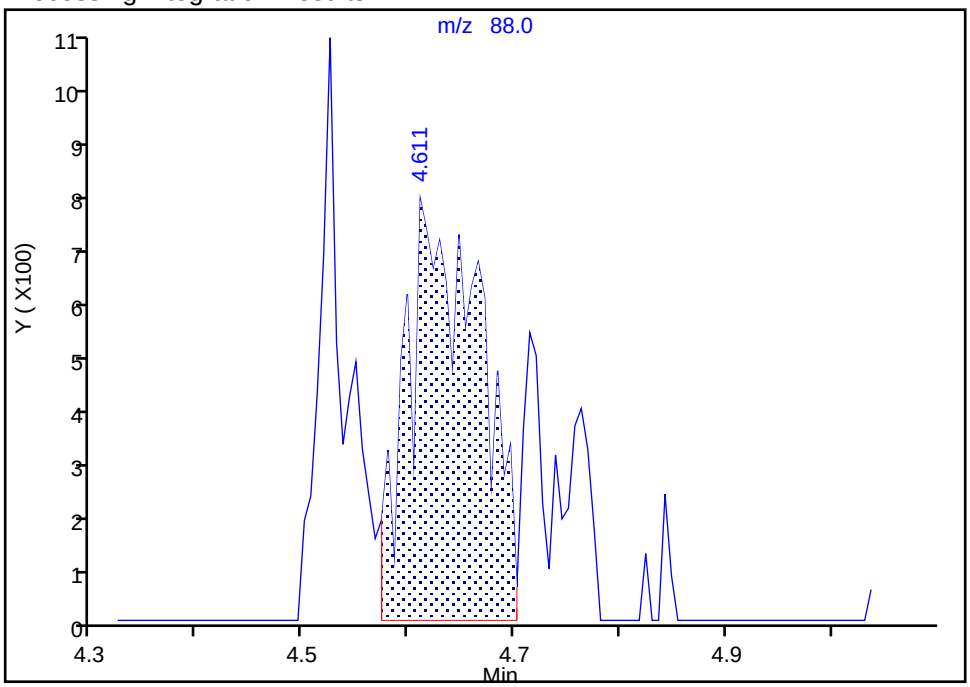
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

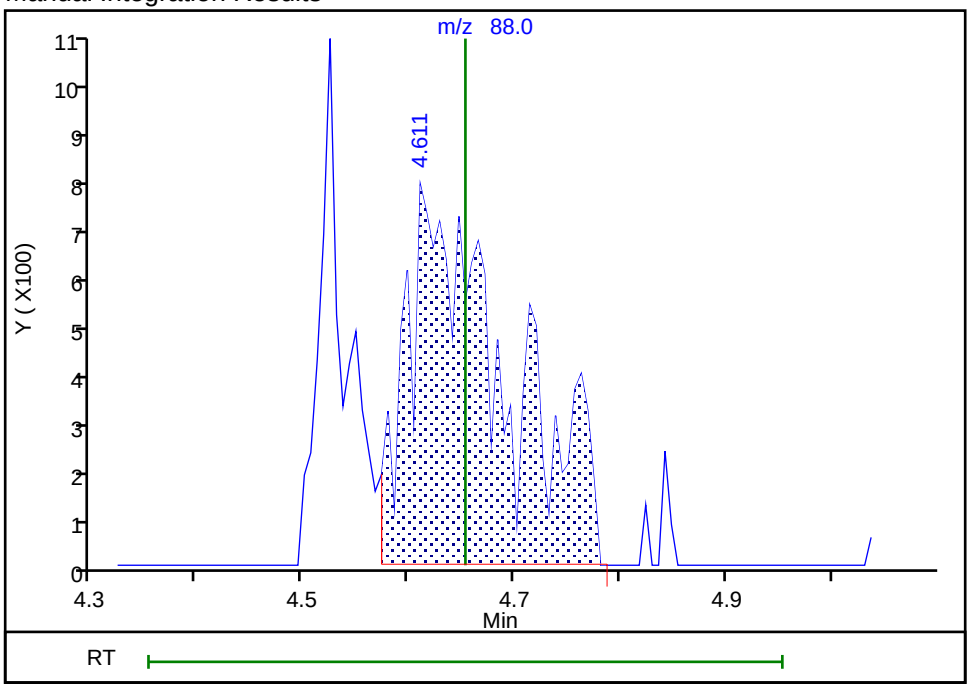
Processing Integration Results

RT: 4.61
Area: 3644
Amount: 93.183923
Amount Units: ug/l



Manual Integration Results

RT: 4.61
Area: 4895
Amount: 118.8382
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:32:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

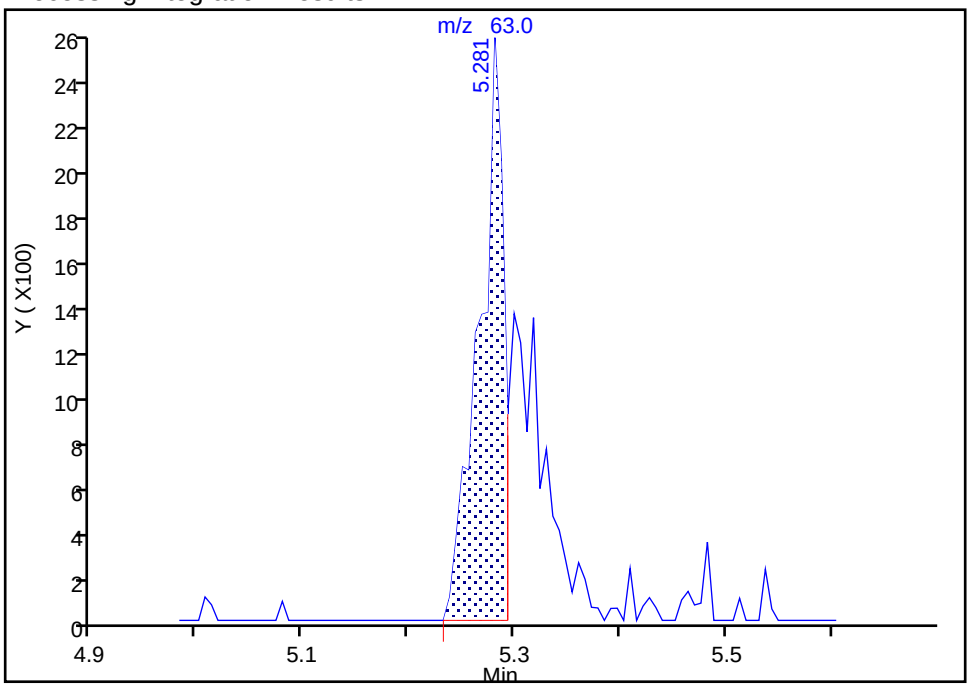
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

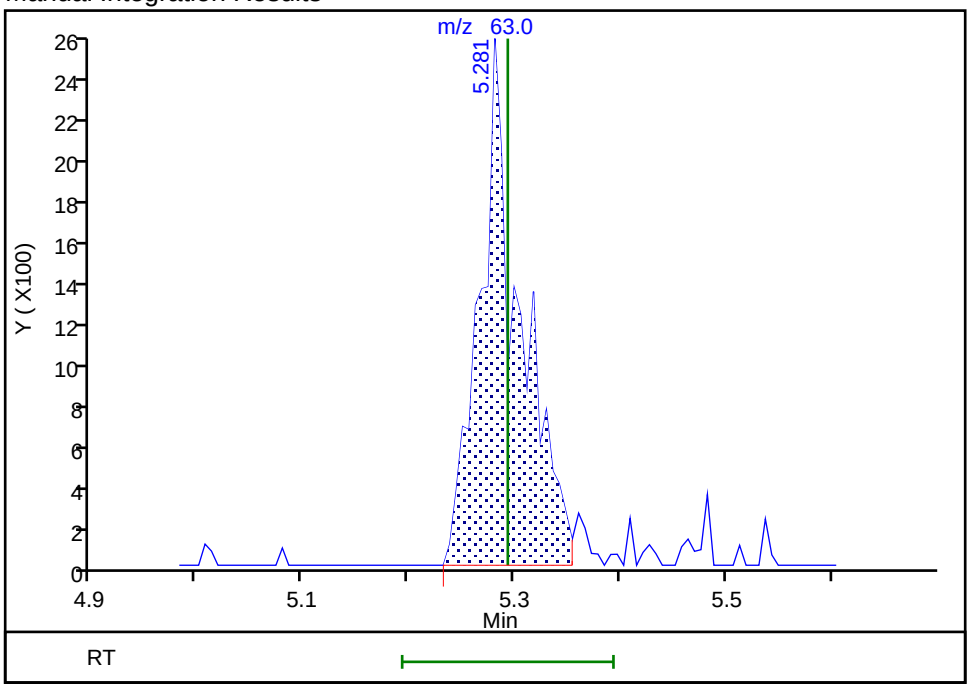
Processing Integration Results

RT: 5.28
Area: 4075
Amount: 0.003647
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 6720
Amount: 4.234676
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:32:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

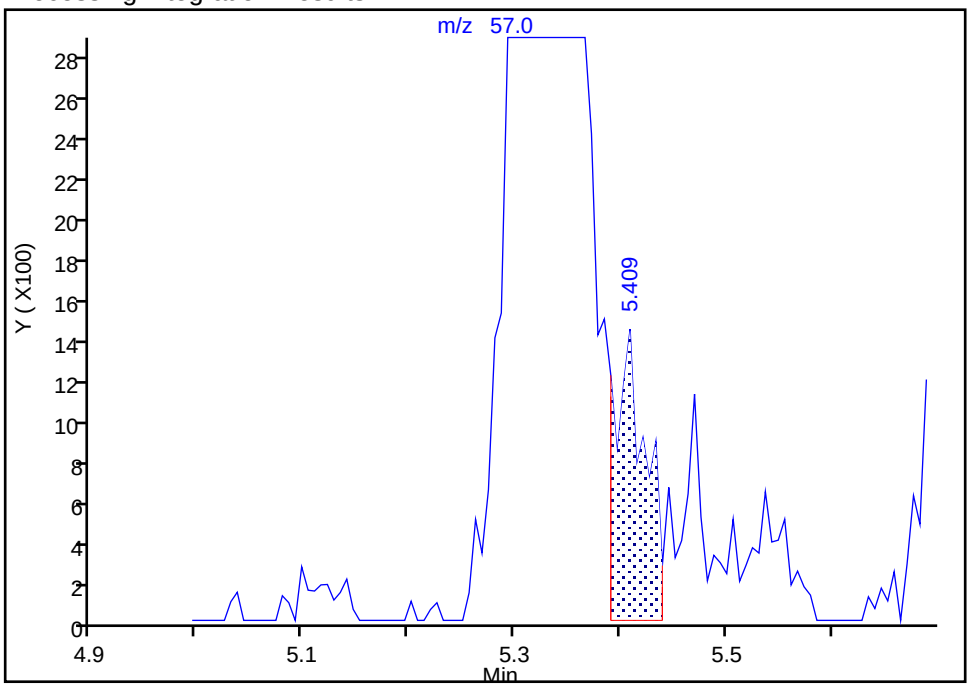
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D		
Injection Date:	18-Aug-2020 10:46:30	Instrument ID:	CVOAMS2
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

74 Epichlorohydrin, CAS: 106-89-8

Signal: 1

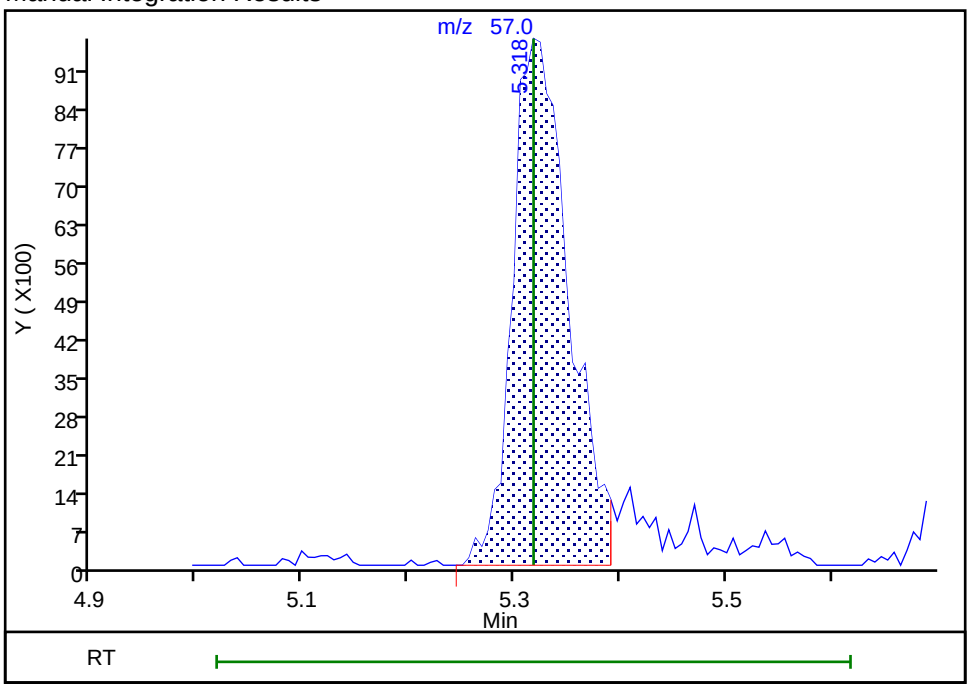
Processing Integration Results

RT: 5.41
Area: 2943
Amount: 9.386577
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 35616
Amount: 77.635252
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:32:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

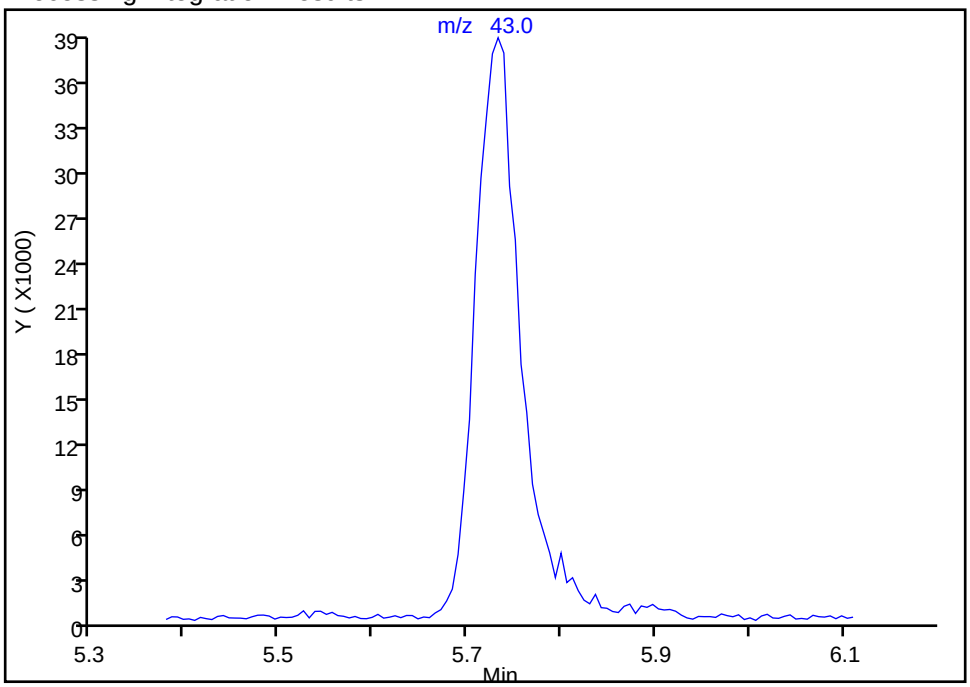
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

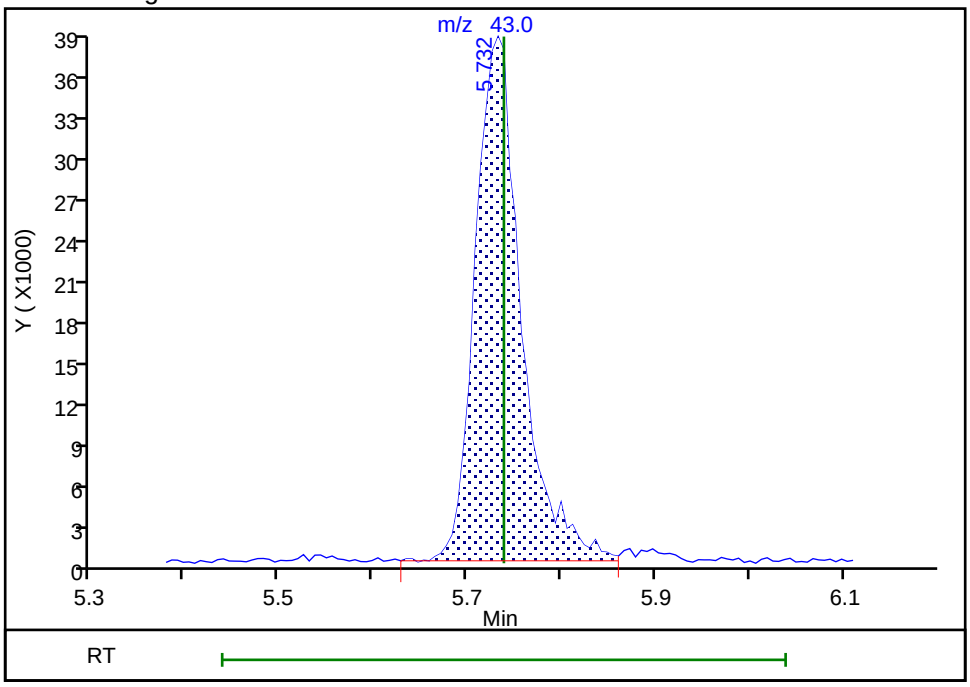
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 129623
Amount: 21.163503
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:32:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

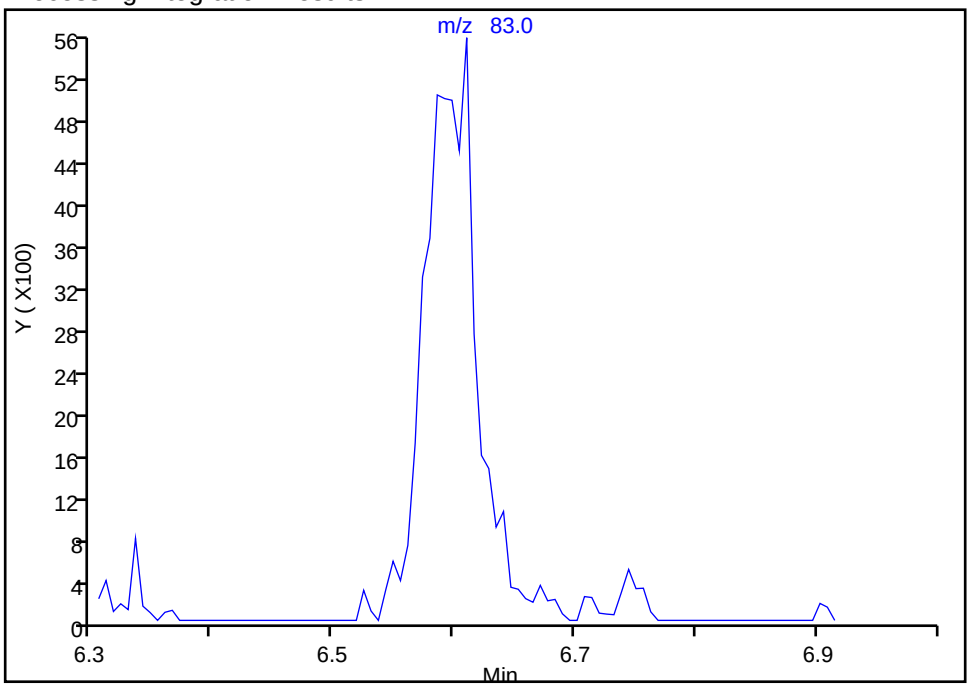
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

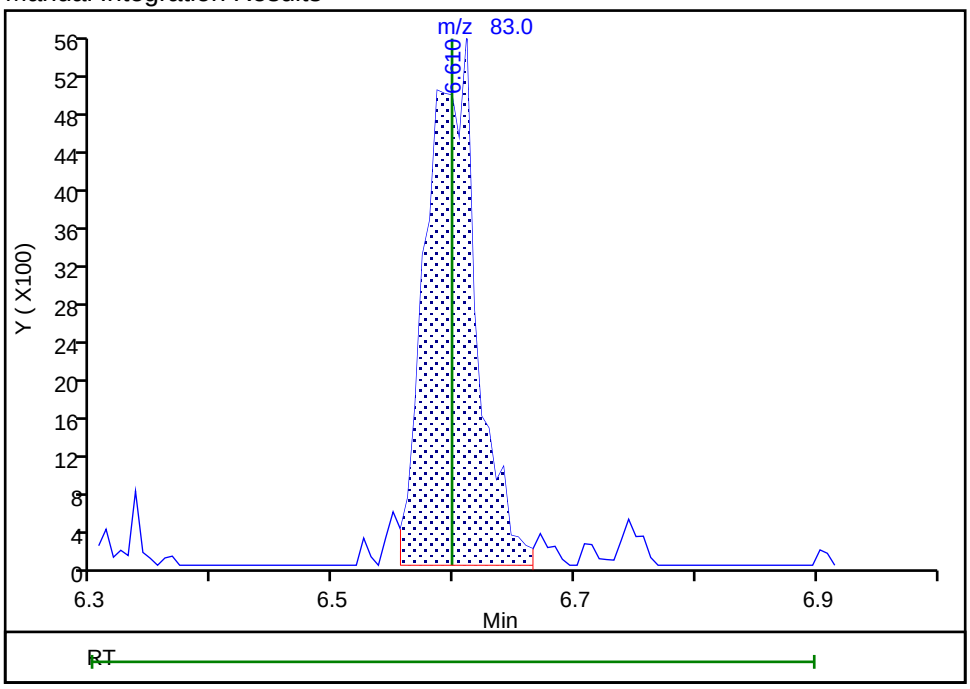
Not Detected
Expected RT: 6.60

Processing Integration Results



Manual Integration Results

RT: 6.61
Area: 15874
Amount: 5.119022
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:33:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

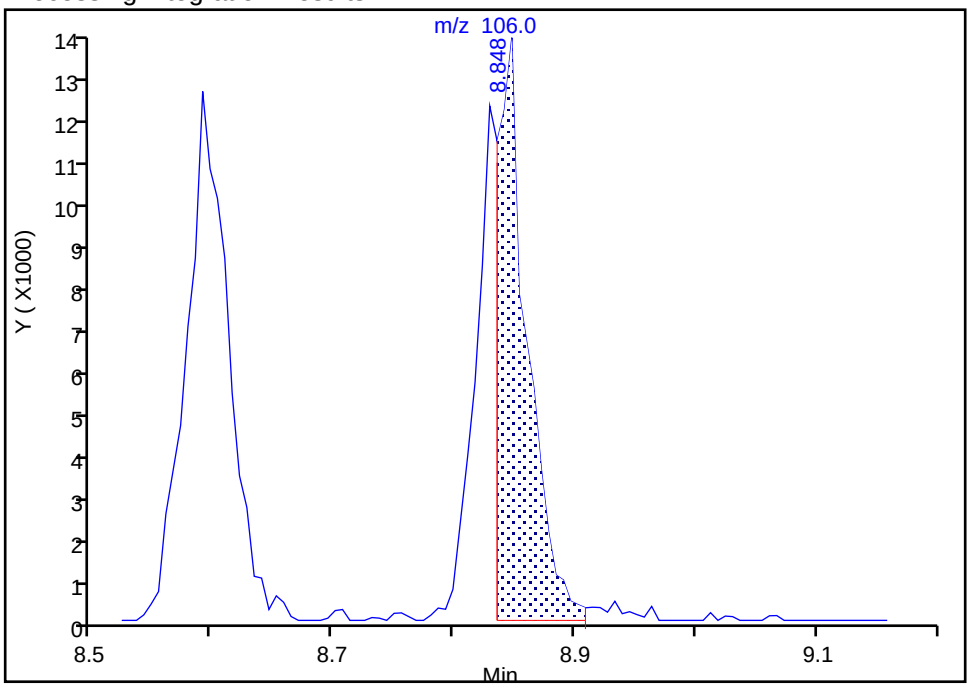
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62315.D
Injection Date: 18-Aug-2020 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

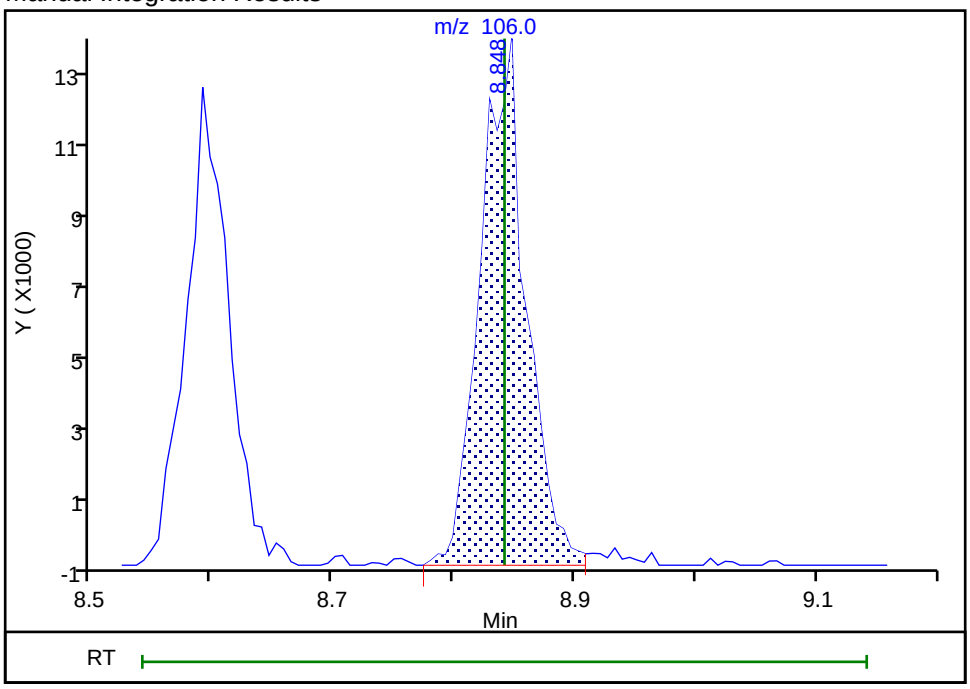
Processing Integration Results

RT: 8.85
Area: 24169
Amount: 3.244001
Amount Units: ug/l



Manual Integration Results

RT: 8.85
Area: 36585
Amount: 4.652074
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:33:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Aug-2020 11:09:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0115309-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 10:55:54 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 18-Aug-2020 11:51:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.666	0.666	0.000	51	8576	20.0	18.2	a
2 1,1-Difluoroethane	51	0.697	0.697	0.000	96	151357	20.0	26.6	
3 Dichlorodifluoromethane	85	0.727	0.727	0.000	69	173796	20.0	20.1	
4 Chlorodifluoromethane	51	0.733	0.733	0.000	97	210553	20.0	21.8	
5 Chloromethane	50	0.813	0.813	0.000	99	317364	20.0	21.4	
6 Butadiene	54	0.843	0.843	0.000	93	210374	20.0	21.3	
7 Vinyl chloride	62	0.855	0.855	0.000	98	210489	20.0	21.1	
8 Bromomethane	94	0.996	0.996	0.000	99	129600	20.0	19.8	
9 Chloroethane	64	1.026	1.026	0.000	100	110055	20.0	20.0	
10 Dichlorofluoromethane	67	1.136	1.136	0.000	95	269689	20.0	20.0	
11 Trichlorofluoromethane	101	1.148	1.148	0.000	73	190661	20.0	19.7	
12 Pentane	72	1.178	1.178	0.000	97	53355	40.0	41.6	
13 Ethyl ether	59	1.288	1.288	0.000	61	107756	20.0	19.7	M
14 Ethanol	46	1.294	1.294	0.000	49	30702	800.0	890.8	
15 2-Methyl-1,3-butadiene	53	1.294	1.294	0.000	94	152629	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.300	1.300	0.000	85	103815	20.0	19.5	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.343	1.343	0.000	69	196240	20.0	20.4	a
18 Acrolein	56	1.355	1.355	0.000	95	246524	300.0	317.6	
19 1,1-Dichloroethene	96	1.404	1.404	0.000	93	115773	20.0	20.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.441	1.441	0.000	58	128286	20.0	21.3	
21 Acetone	43	1.447	1.447	0.000	84	197780	100.0	104.4	
22 Iodomethane	142	1.489	1.489	0.000	98	174915	20.0	19.3	
23 Carbon disulfide	76	1.520	1.520	0.000	100	392061	20.0	19.3	
24 Isopropyl alcohol	45	1.556	1.556	0.000	96	97390	200.0	189.7	
25 3-Chloro-1-propene	39	1.617	1.617	0.000	93	193295	20.0	19.7	
26 Methyl acetate	43	1.636	1.636	0.000	99	166336	40.0	42.9	
27 Acetonitrile	39	1.660	1.660	0.000	71	109112	200.0	235.7	a
28 Methylene Chloride	84	1.691	1.691	0.000	98	115483	20.0	19.8	
* 29 TBA-d9 (IS)	65	1.770	1.770	0.000	0	463286	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.819	1.819	0.000	91	143309	200.0	187.4	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.849	1.849	0.000	93	408916	200.0	198.3	
32 trans-1,2-Dichloroethene	96	1.867	1.867	0.000	96	107256	20.0	20.3	
33 Methyl tert-butyl ether	73	1.880	1.880	0.000	98	282334	20.0	19.8	
34 Hexane	57	2.056	2.056	0.000	95	199143	20.0	19.9	
35 1,1-Dichloroethane	63	2.154	2.154	0.000	98	207543	20.0	19.0	
36 2-Chloro-1,3-butadiene	88	2.215	2.215	0.000	64	94580	20.0	20.1	
37 Vinyl acetate	86	2.215	2.215	0.000	100	31511	40.0	40.2	
38 Isopropyl ether	45	2.239	2.239	0.000	91	430510	20.0	19.2	
39 Tert-butyl ethyl ether	87	2.520	2.520	0.000	88	115590	20.0	20.5	
* 40 2-Butanone-d5	46	2.593	2.593	0.000	0	396111	250.0	250.0	a
42 2,2-Dichloropropane	79	2.605	2.605	0.000	60	49463	20.0	20.8	
41 cis-1,2-Dichloroethene	96	2.611	2.611	0.000	91	111219	20.0	20.2	
43 2-Butanone (MEK)	72	2.654	2.654	0.000	100	51335	100.0	97.4	
44 Propionitrile	54	2.690	2.690	0.000	95	137953	200.0	203.2	
45 Ethyl acetate	70	2.721	2.721	0.000	94	18080	40.0	46.2	a
46 Chlorobromomethane	128	2.806	2.806	0.000	51	47080	20.0	18.9	
47 Methacrylonitrile	67	2.818	2.818	0.000	94	362516	200.0	195.1	
48 Tetrahydrofuran	72	2.867	2.867	0.000	96	24314	40.0	48.6	
49 Chloroform	83	2.898	2.898	0.000	98	171233	20.0	19.7	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.044	0.000	97	209498	50.0	50.1	
50 1,1,1-Trichloroethane	97	3.050	3.050	0.000	95	143628	20.0	19.7	
52 Cyclohexane	84	3.099	3.099	0.000	97	162635	20.0	20.1	
53 Carbon tetrachloride	117	3.209	3.209	0.000	76	115746	20.0	19.9	
54 1,1-Dichloropropene	75	3.209	3.209	0.000	91	143306	20.0	20.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	251128	50.0	49.6	
56 Benzene	78	3.398	3.398	0.000	94	419600	20.0	20.4	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	96	127996	20.0	19.6	
58 Isobutyl alcohol	42	3.483	3.483	0.000	33	93844	500.0	551.4	a
59 Tert-amyl methyl ether	73	3.574	3.574	0.000	87	339815	20.0	19.8	a
* 60 Fluorobenzene	96	3.721	3.721	0.000	98	633552	50.0	50.0	
61 n-Heptane	43	3.769	3.769	0.000	96	227588	20.0	21.0	
62 Trichloroethene	95	4.141	4.141	0.000	97	94272	20.0	19.5	
63 n-Butanol	43	4.263	4.263	0.000	15	27969	500.0	443.2	a
65 Ethyl acrylate	55	4.355	4.355	0.000	93	290205	20.0	19.7	a
64 Methylcyclohexane	83	4.355	4.355	0.000	87	200661	20.0	20.6	
66 1,2-Dichloropropane	63	4.397	4.397	0.000	91	110157	20.0	19.2	
67 Dibromomethane	93	4.538	4.538	0.000	36	51161	20.0	18.9	
* 68 1,4-Dioxane-d8	96	4.574	4.574	0.000	0	30632	1000.0	1000.0	
69 1,4-Dioxane	88	4.653	4.653	0.000	27	20347	400.0	441.6	
70 Methyl methacrylate	100	4.660	4.660	0.000	89	37576	40.0	41.0	
71 Dichlorobromomethane	83	4.788	4.788	0.000	98	115305	20.0	19.1	
72 2-Nitropropane	41	5.117	5.117	0.000	98	38366	40.0	34.5	
73 2-Chloroethyl vinyl ether	63	5.294	5.294	0.000	89	33463	20.0	20.1	
74 Epichlorohydrin	57	5.318	5.318	0.000	99	170490	400.0	401.2	
75 cis-1,3-Dichloropropene	75	5.428	5.428	0.000	96	136477	20.0	19.0	
76 4-Methyl-2-pentanone (MIBK)	43	5.739	5.739	0.000	96	550668	100.0	97.1	a
$ 77 Toluene-d8 (Surr)	98	5.800	5.800	0.000	98	821007	50.0	49.6	
78 Toluene	91	5.897	5.897	0.000	94	394088	20.0	19.9	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	98	114622	20.0	19.7	
80 1,1,2-Trichloroethane	83	6.598	6.598	0.000	88	61860	20.0	19.4	
81 Tetrachloroethene	166	6.757	6.757	0.000	94	85836	20.0	19.6	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	98	130557	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.141	7.141	0.000	99	368152	100.0	110.1	
84 Chlorodibromomethane	129	7.214	7.214	0.000	98	66945	20.0	19.4	
85 Ethylene Dibromide	107	7.336	7.336	0.000	95	66249	20.0	20.6	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	90	444210	50.0	50.0	
87 Chlorobenzene	112	8.299	8.299	0.000	91	226830	20.0	20.0	
88 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	95	79374	20.0	19.2	
89 Ethylbenzene	106	8.598	8.598	0.000	99	132773	20.0	20.2	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	164254	20.0	20.3	
92 o-Xylene	106	9.555	9.555	0.000	94	171032	20.0	20.6	
93 Styrene	104	9.598	9.598	0.000	91	250393	20.0	20.2	
91 n-Butyl acrylate	73	9.768	9.768	0.000	0	57574	20.0	19.8	
94 Bromoform	173	9.841	9.841	0.000	94	36546	20.0	18.3	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	89	190848	20.0	20.7	
96 Isopropylbenzene	105	10.274	10.274	0.000	97	452257	20.0	20.8	
$ 97 4-Bromofluorobenzene	174	10.482	10.482	0.000	87	226354	50.0	50.5	
98 Bromobenzene	156	10.664	10.664	0.000	94	96003	20.0	19.7	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	95	27348	20.0	19.7	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	98	106584	20.0	19.0	
101 trans-1,4-Dichloro-2-butene	53	10.988	10.988	0.000	83	29896	20.0	18.8	
102 N-Propylbenzene	120	11.018	11.018	0.000	98	119673	20.0	20.3	
103 2-Chlorotoluene	126	11.061	11.061	0.000	98	100317	20.0	19.8	
104 4-Ethyltoluene	105	11.231	11.231	0.000	99	427166	20.0	20.3	
105 4-Chlorotoluene	91	11.268	11.268	0.000	99	365205	20.0	20.4	
106 1,3,5-Trimethylbenzene	105	11.359	11.359	0.000	92	370402	20.0	19.6	
107 tert-Butylbenzene	119	11.902	11.902	0.000	90	303952	20.0	20.2	
108 1,2,4-Trimethylbenzene	105	12.000	12.000	0.000	98	395288	20.0	20.7	
109 sec-Butylbenzene	105	12.341	12.341	0.000	98	504130	20.0	20.7	
110 1,3-Dichlorobenzene	146	12.432	12.432	0.000	94	200083	20.0	21.1	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	96	249127	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	92	190140	20.0	19.8	
113 4-Isopropyltoluene	119	12.688	12.688	0.000	97	406198	20.0	20.1	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	99	402907	20.0	20.4	
115 Benzyl chloride	126	12.896	12.896	0.000	98	28639	20.0	18.9	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	95	367972	20.0	20.1	
117 1,2-Dichlorobenzene	146	13.133	13.133	0.000	95	188970	20.0	18.7	
118 p-Diethylbenzene	119	13.213	13.213	0.000	91	206998	20.0	19.7	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	228474	20.0	18.9	
120 1,2-Dibromo-3-Chloropropane	157	13.889	13.889	0.000	89	17144	20.0	17.6	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	97	378359	20.0	19.4	
122 1,3,5-Trichlorobenzene	180	14.054	14.054	0.000	96	155327	20.0	19.0	
123 1,2,4-Trichlorobenzene	180	14.493	14.493	0.000	94	126786	20.0	18.2	
124 Hexachlorobutadiene	225	14.627	14.627	0.000	96	72384	20.0	18.1	
125 Naphthalene	128	14.639	14.639	0.000	99	299777	20.0	18.4	
126 1,2,3-Trichlorobenzene	180	14.798	14.798	0.000	95	125286	20.0	18.0	
S 127 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 128 1,3-Dichloropropene, Total	100				0		40.0	38.6	
S 129 Xylenes, Total	100				0		40.0	40.9	
S 130 Total BTEX	1				0		100.0	101.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00381	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Aug-2020 10:55:55 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D

Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2 Operator ID:

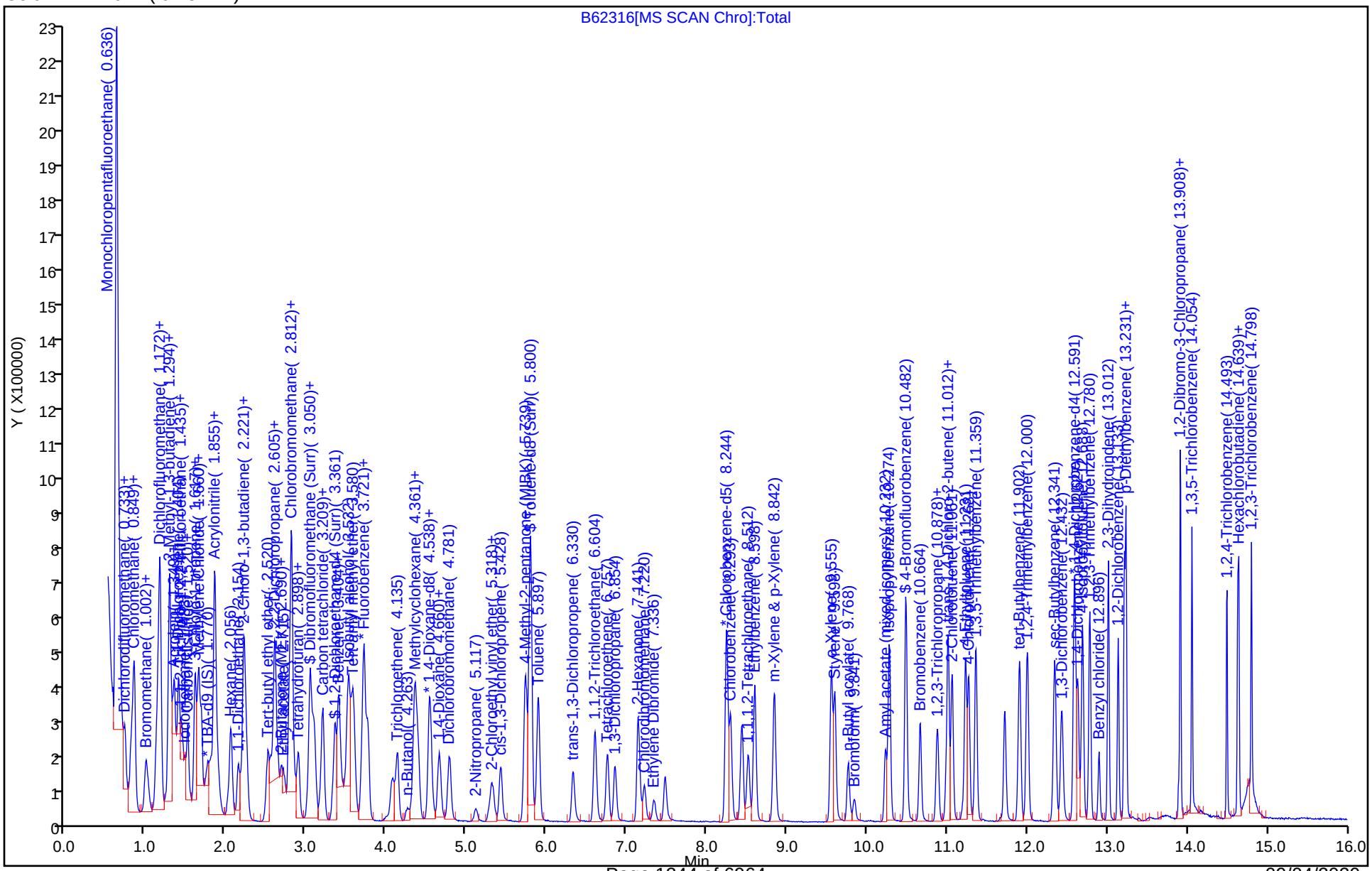
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

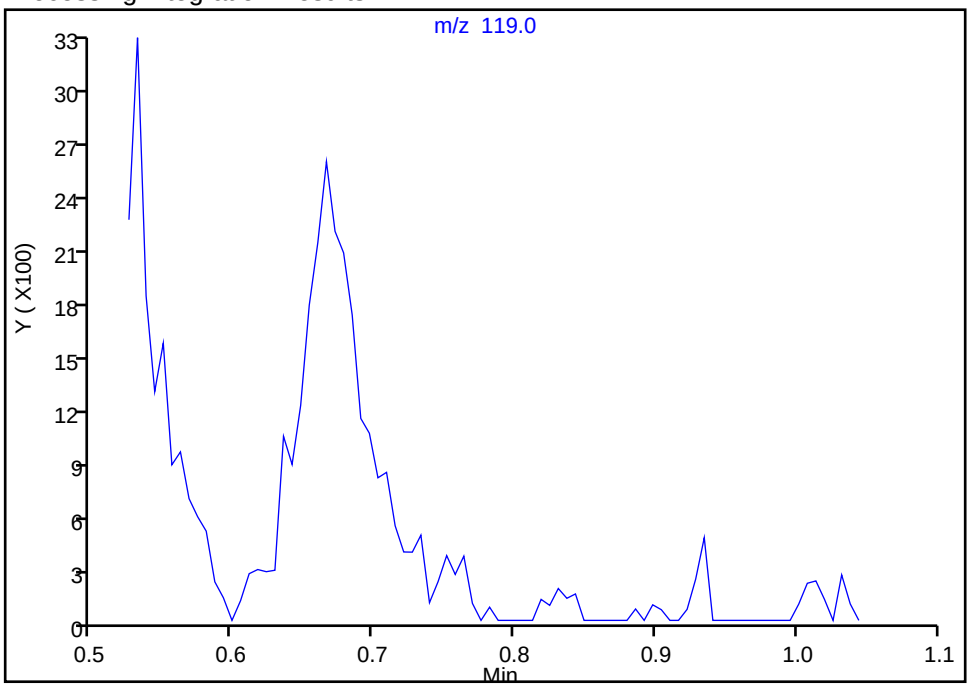
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

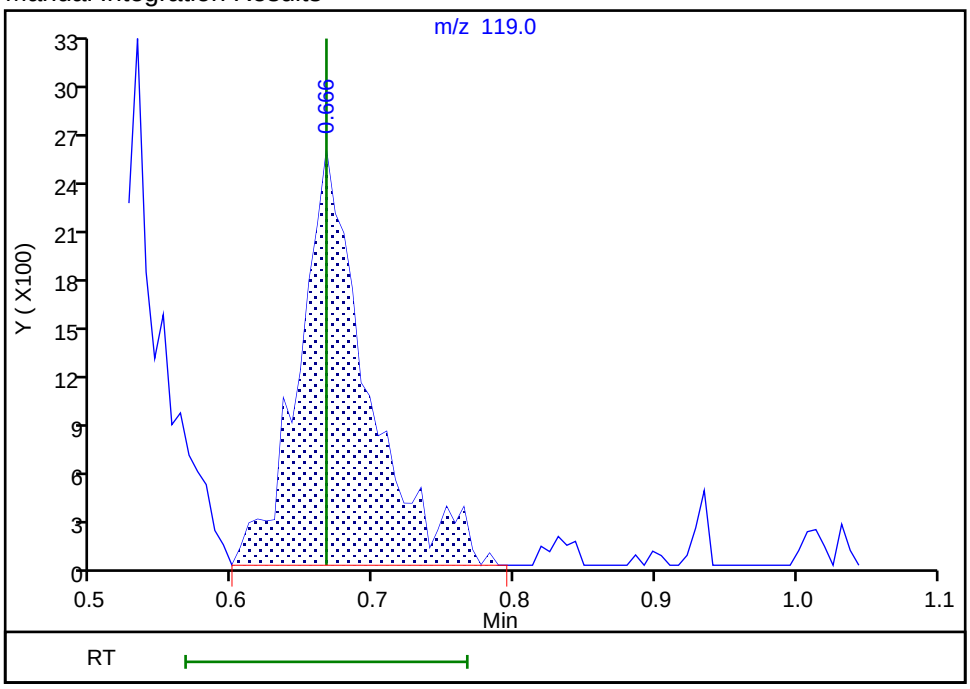
Not Detected
Expected RT: 0.67

Processing Integration Results



Manual Integration Results

RT: 0.67
Area: 8576
Amount: 18.179054
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:11:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

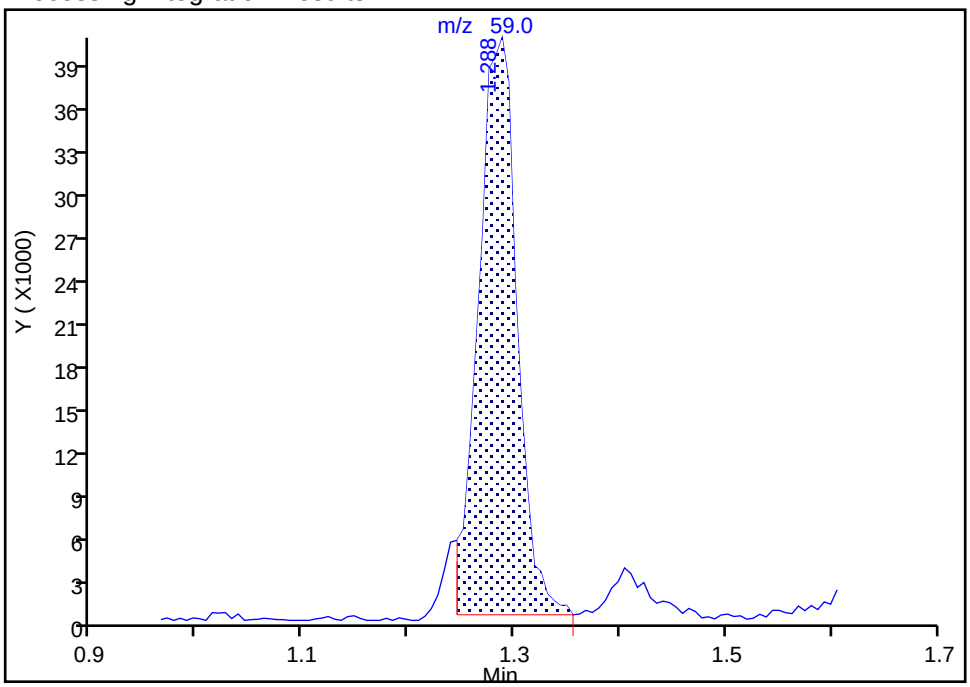
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Ethyl ether, CAS: 60-29-7

Signal: 1

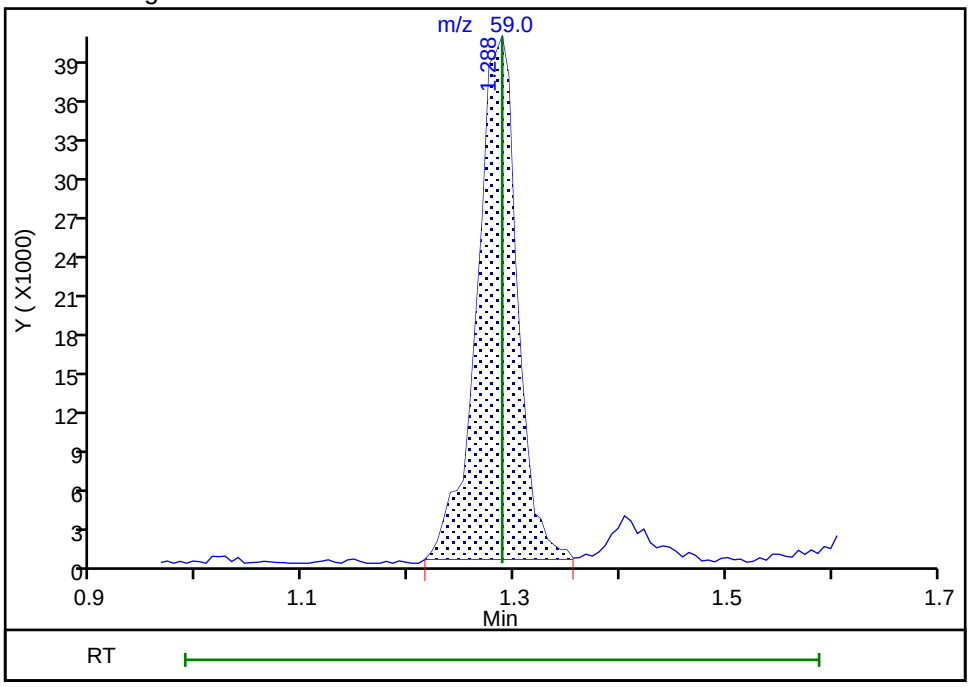
Processing Integration Results

RT: 1.29
Area: 103241
Amount: 18.904800
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 107756
Amount: 19.696759
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:11:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

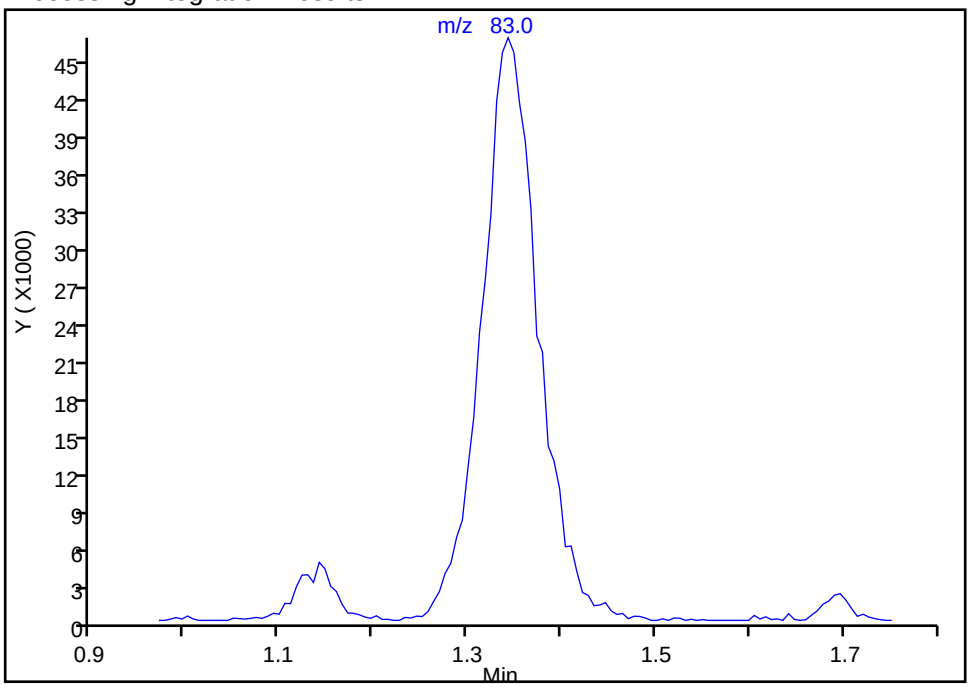
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

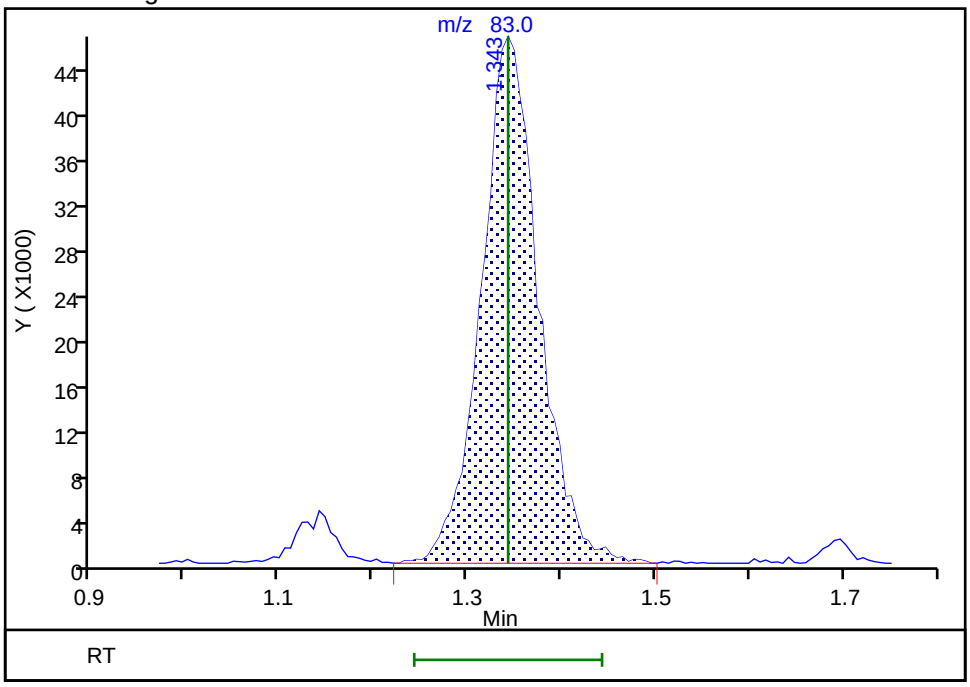
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 196240
Amount: 20.417107
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:11:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

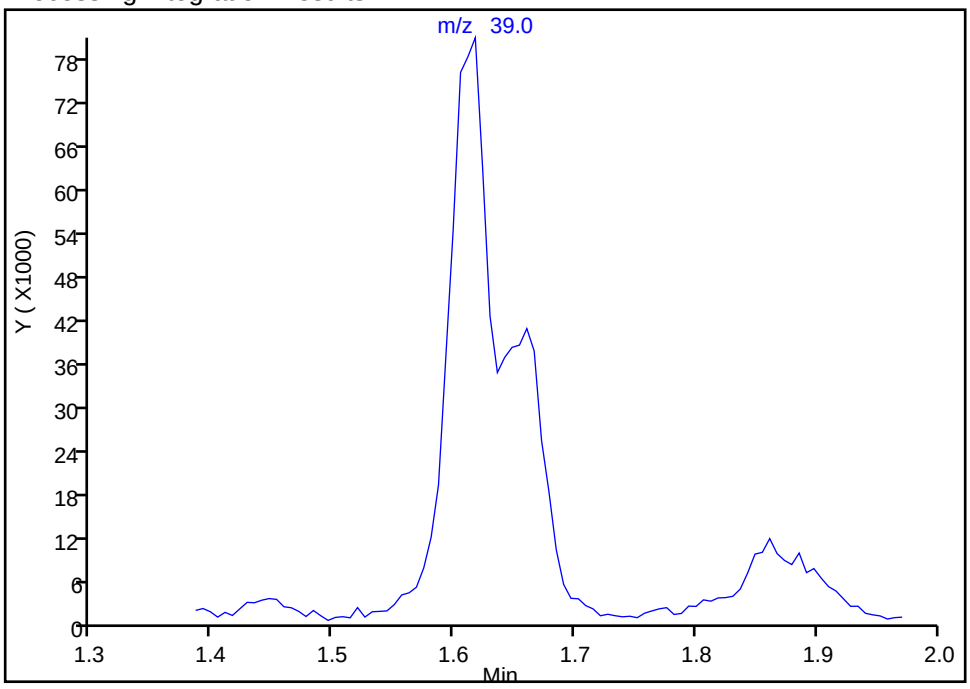
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

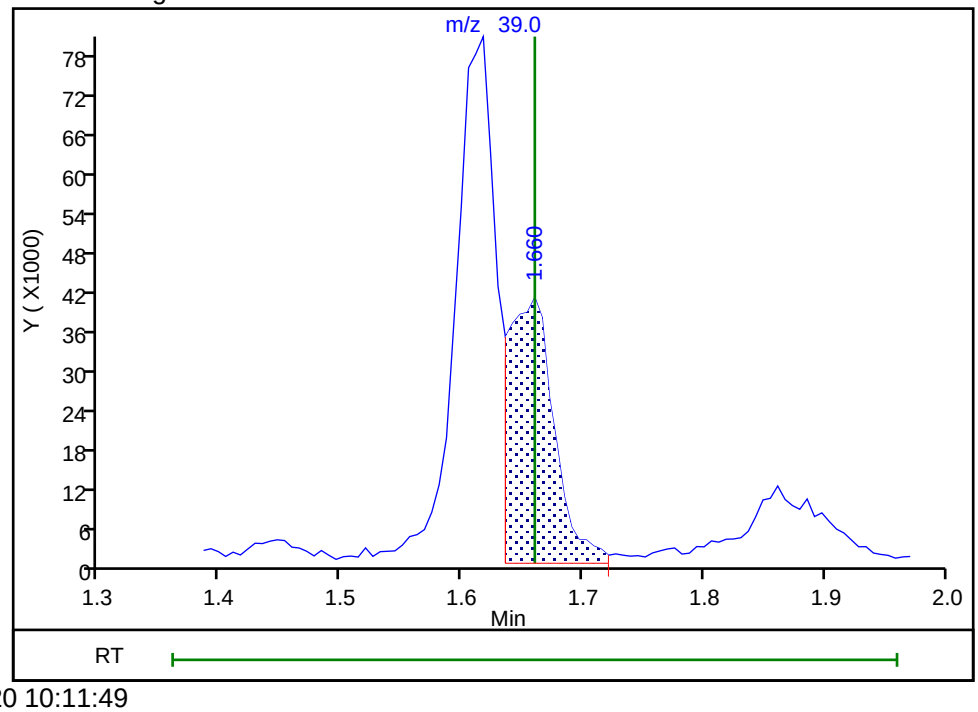
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.66
Area: 109112
Amount: 235.6648
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:11:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

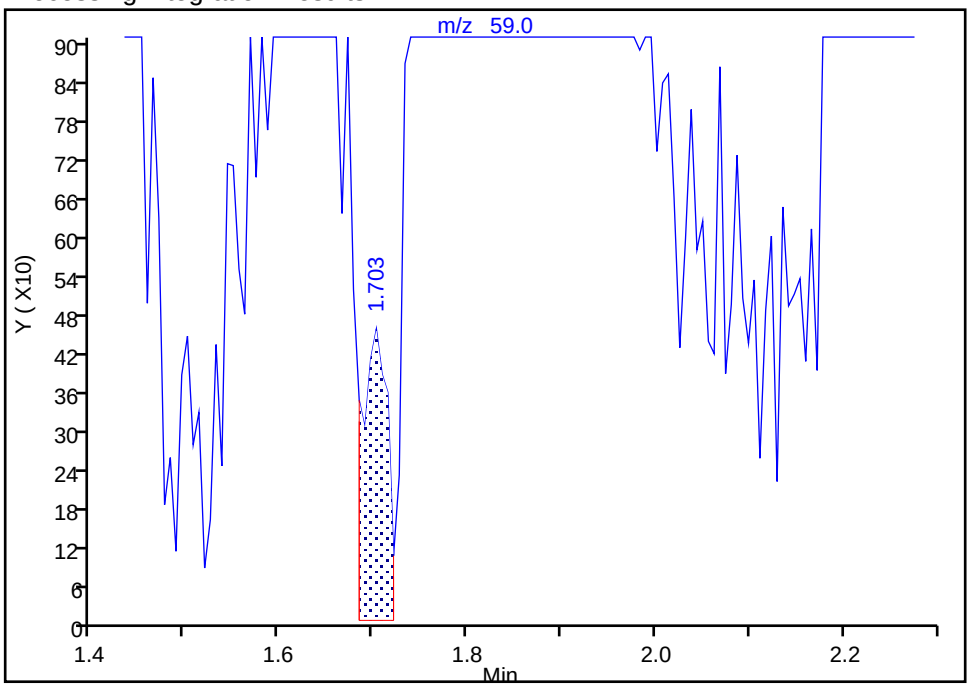
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

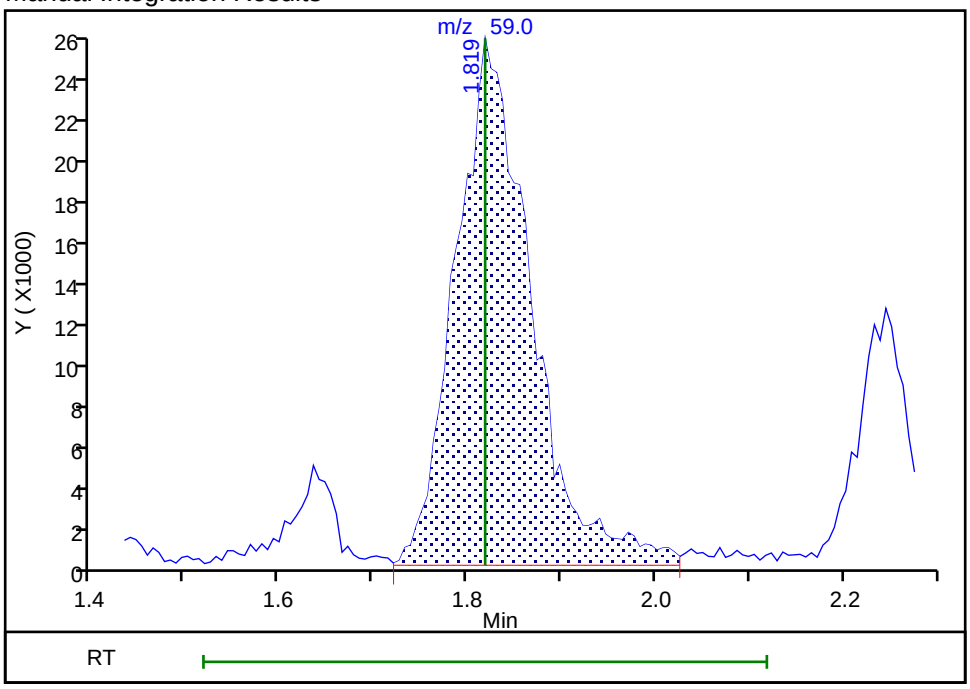
Processing Integration Results

RT: 1.70
Area: 852
Amount: -1.596034
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 143309
Amount: 187.4257
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:11:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

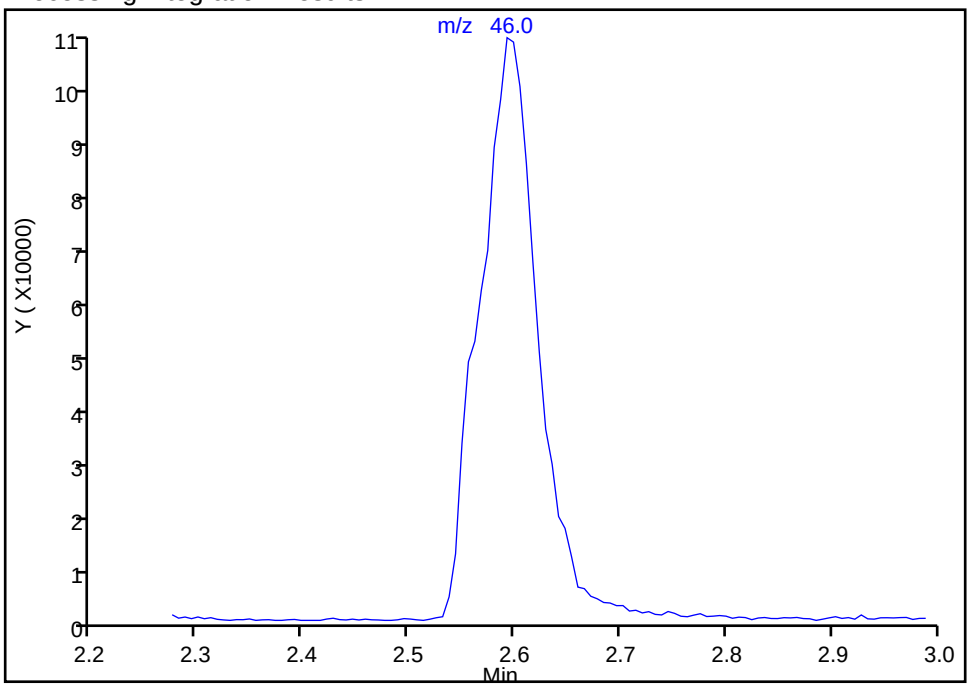
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

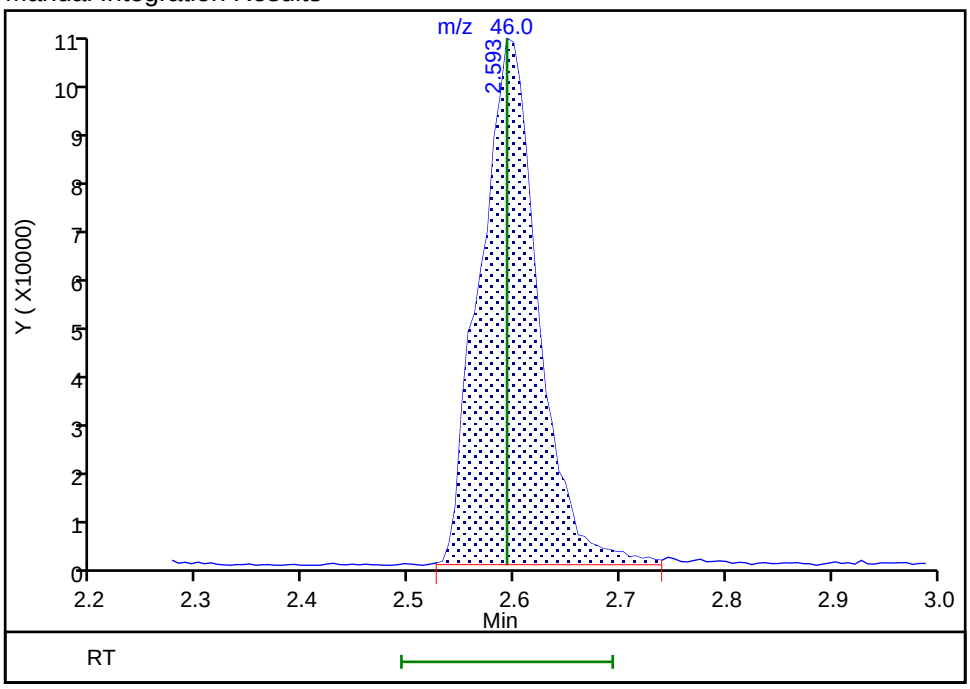
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 396111
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:11:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

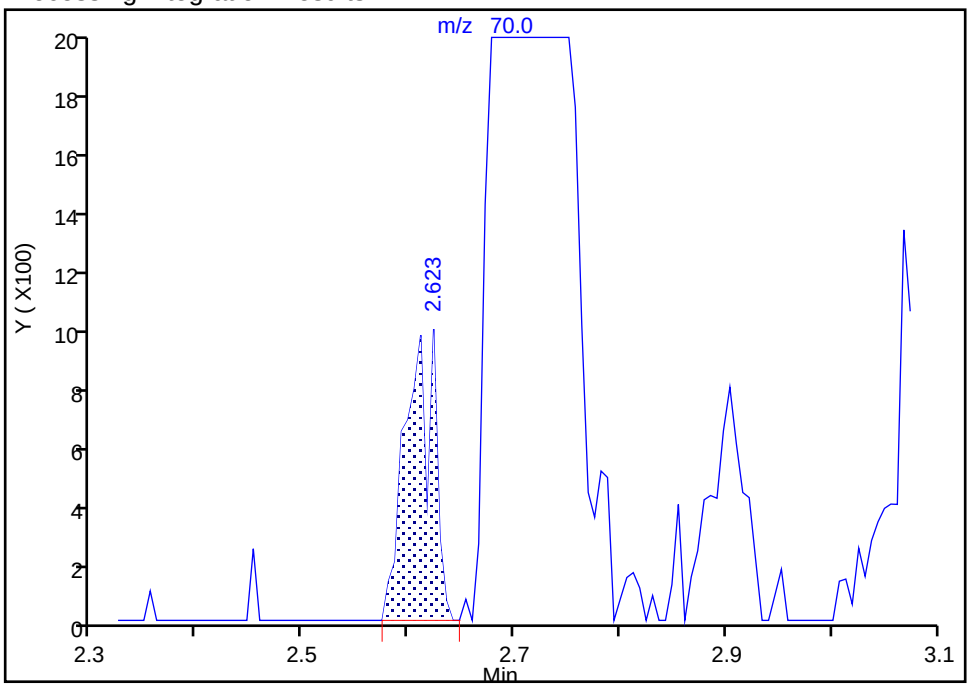
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

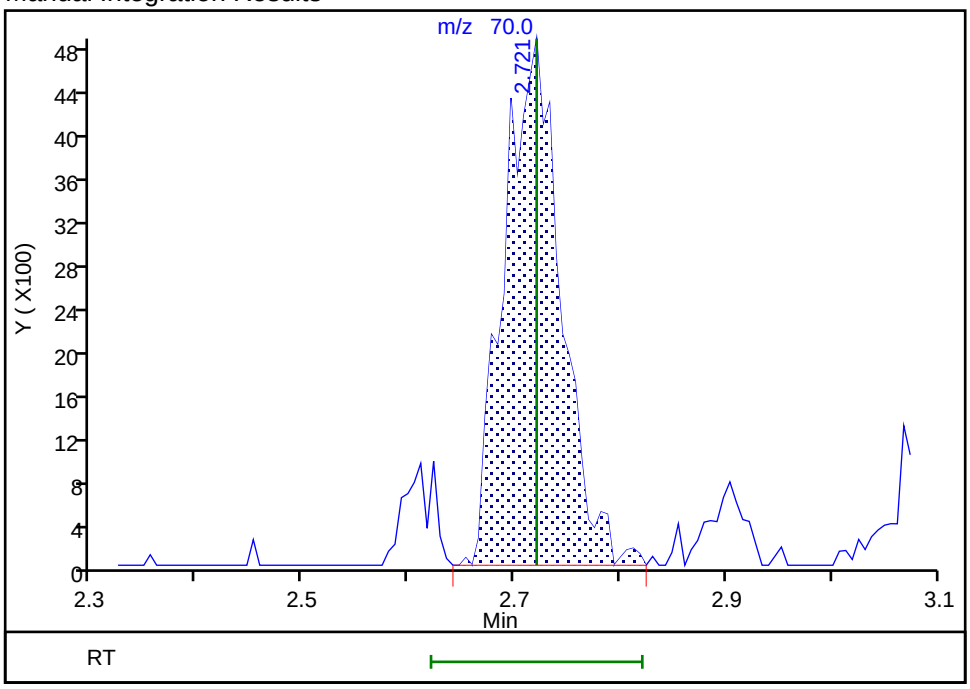
Processing Integration Results

RT: 2.62
Area: 1793
Amount: 5.484272
Amount Units: ug/l



Manual Integration Results

RT: 2.72
Area: 18080
Amount: 46.236244
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:12:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

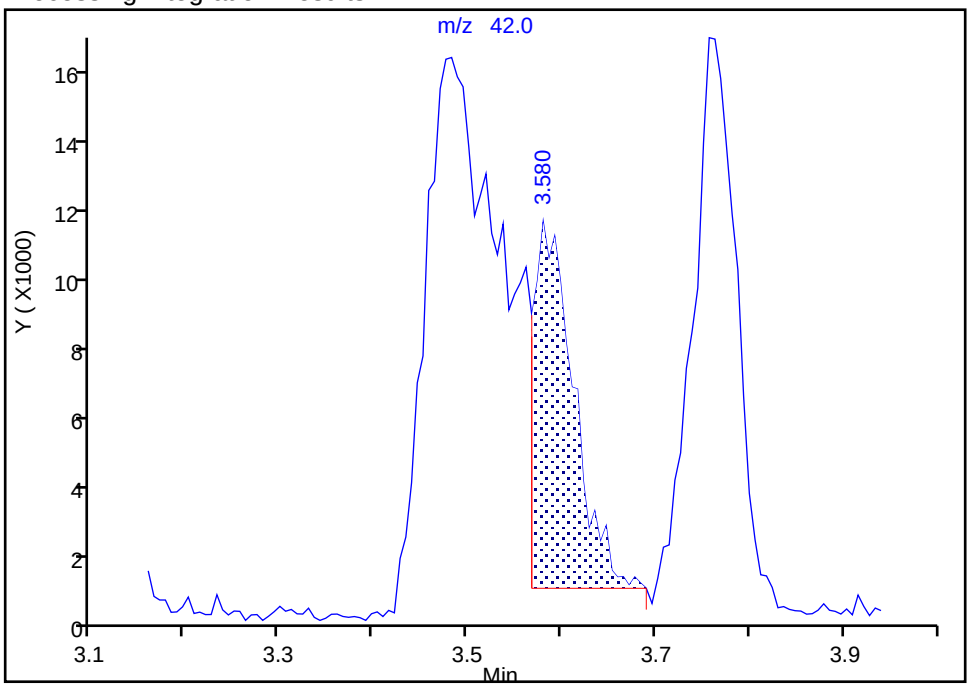
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

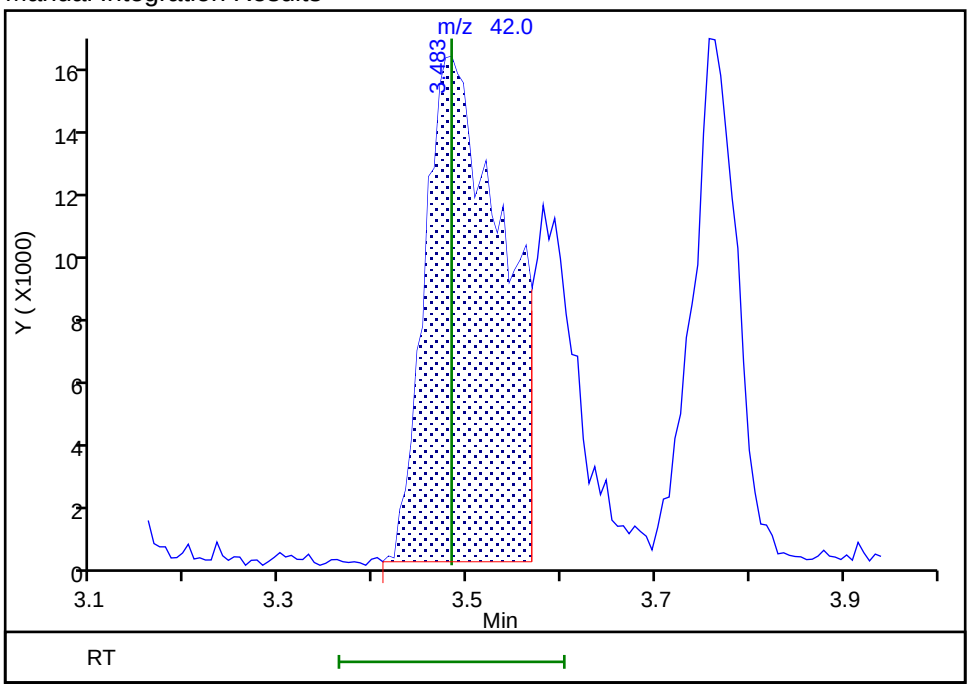
Processing Integration Results

RT: 3.58
Area: 31781
Amount: 194.1863
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 93844
Amount: 551.4369
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:12:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

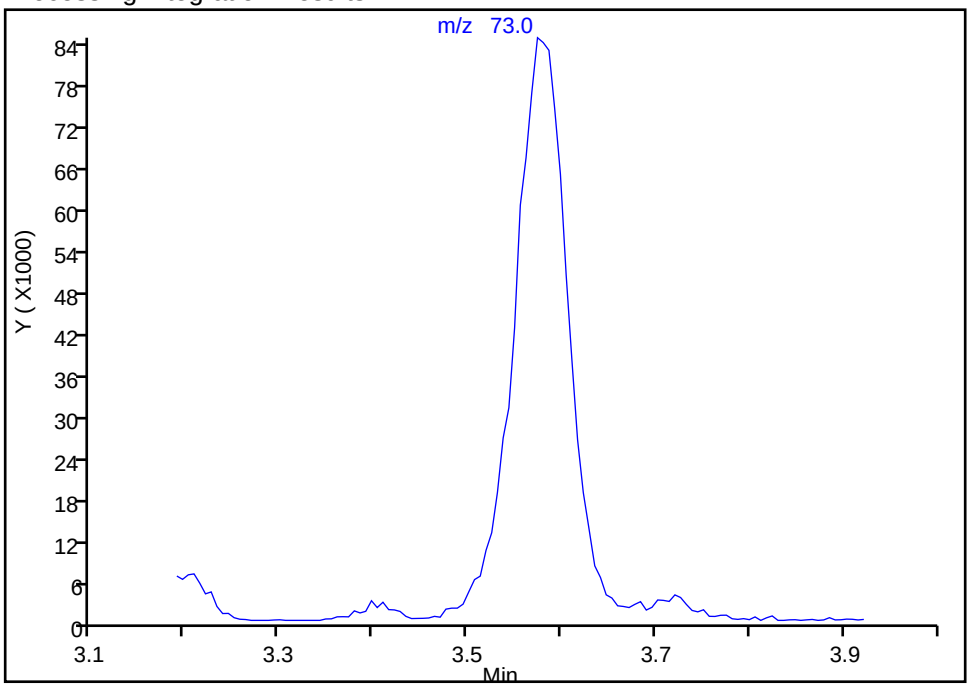
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

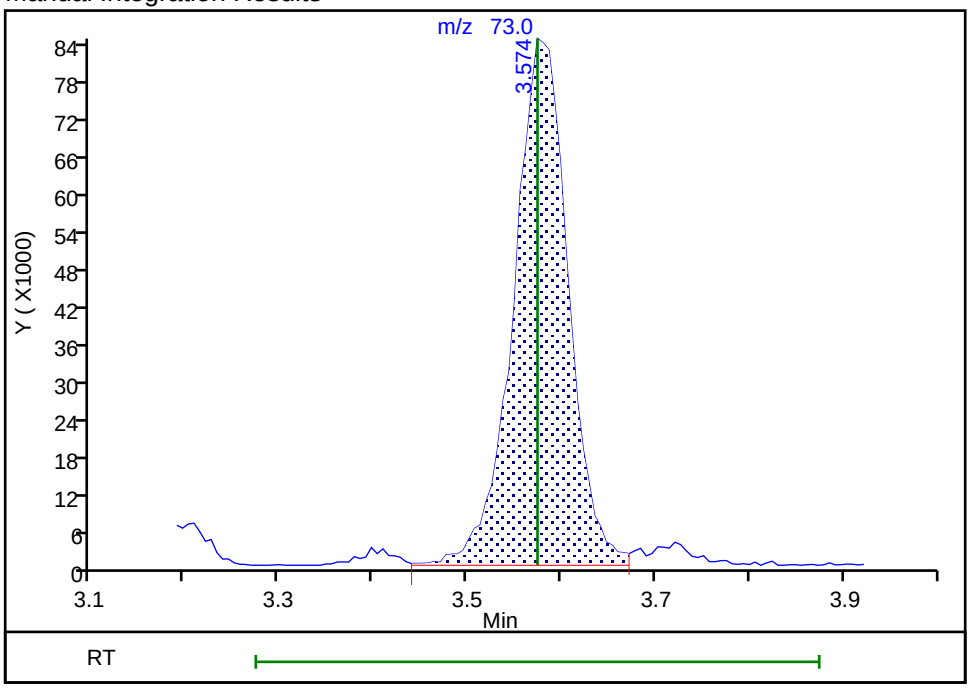
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.57
Area: 339815
Amount: 19.814827
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:12:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

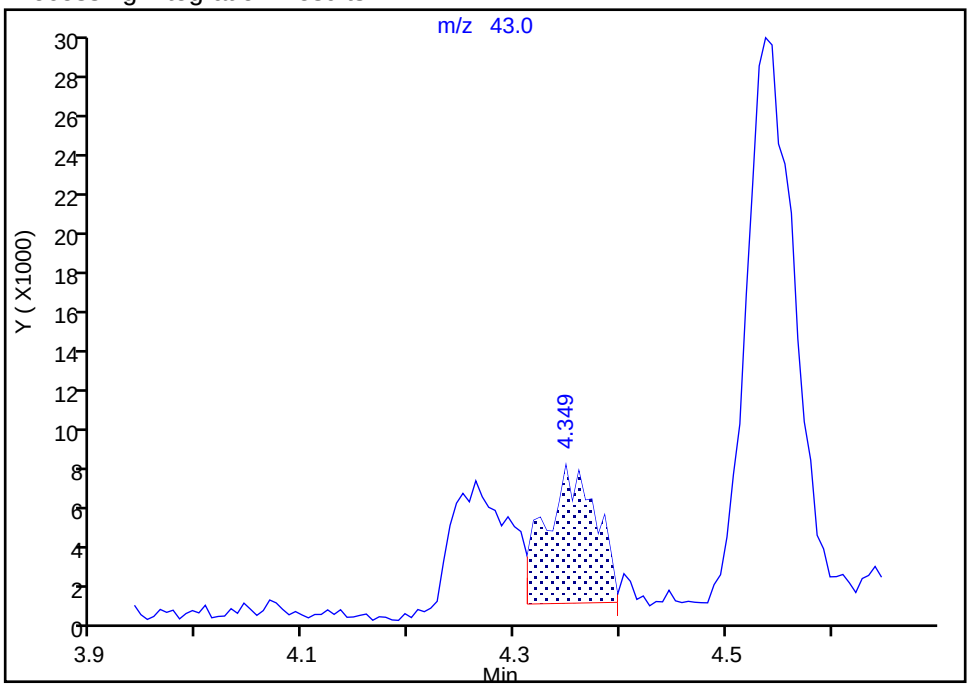
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

Signal: 1

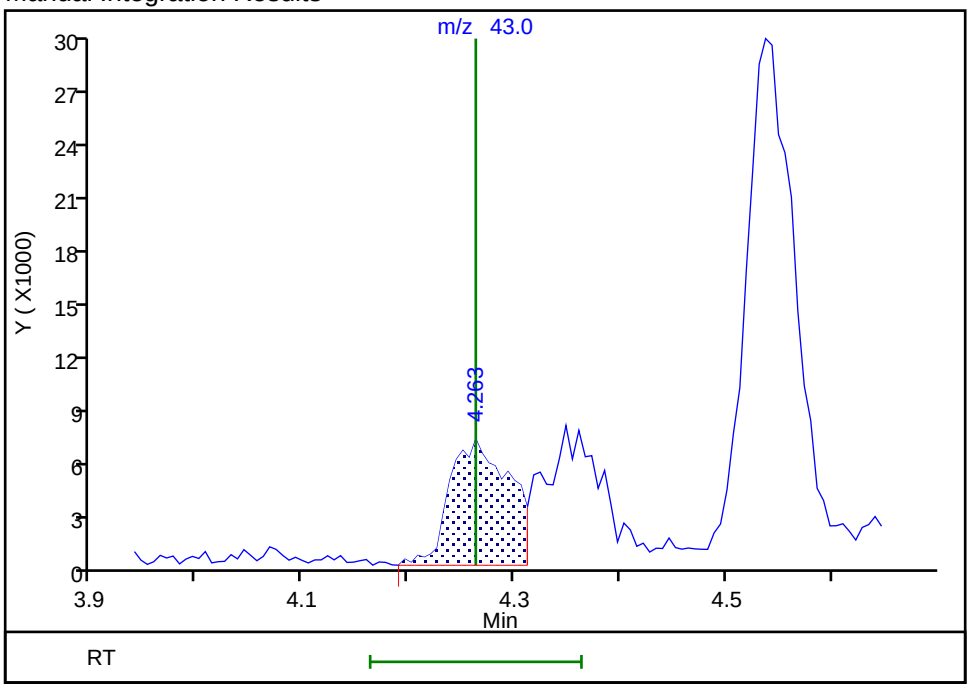
Processing Integration Results

RT: 4.35
Area: 23206
Amount: 441.4272
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 27969
Amount: 443.2159
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:12:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

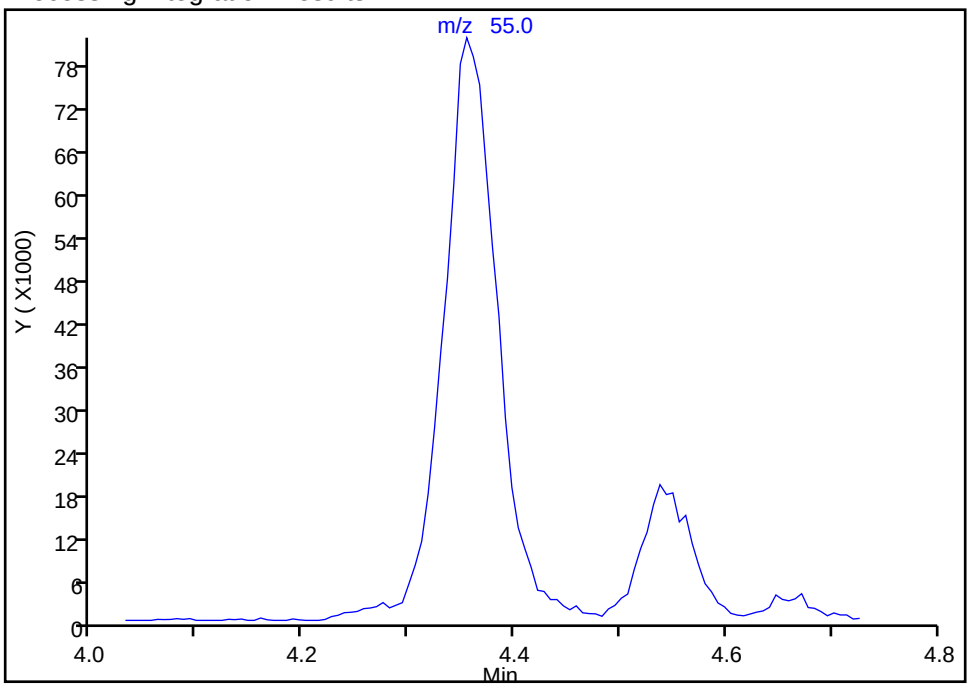
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

65 Ethyl acrylate, CAS: 140-88-5

Signal: 1

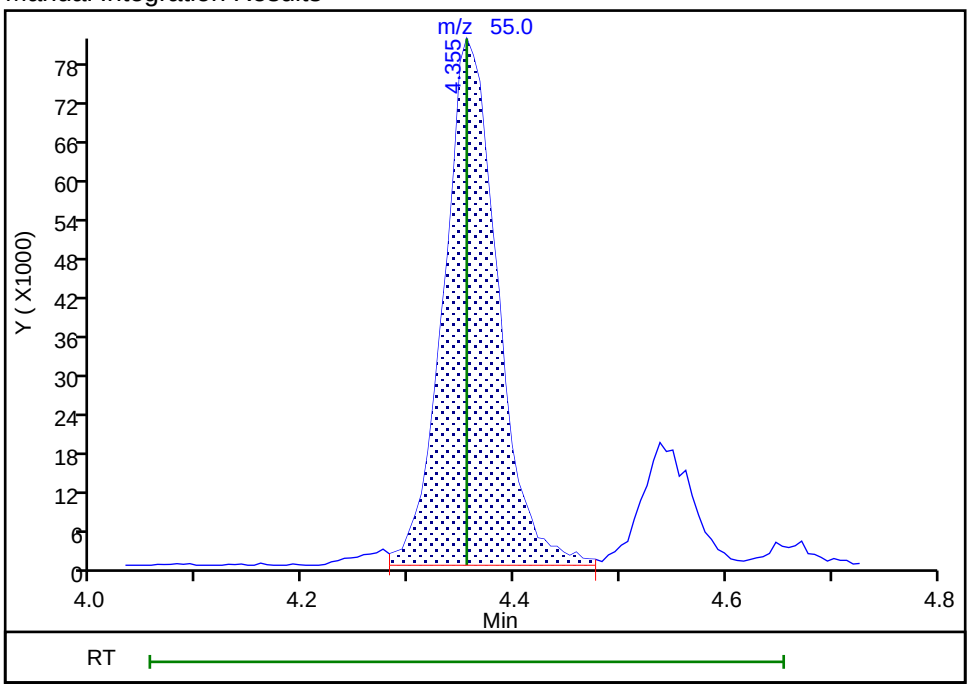
Not Detected
Expected RT: 4.35

Processing Integration Results



Manual Integration Results

RT: 4.35
Area: 290205
Amount: 19.735118
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:12:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

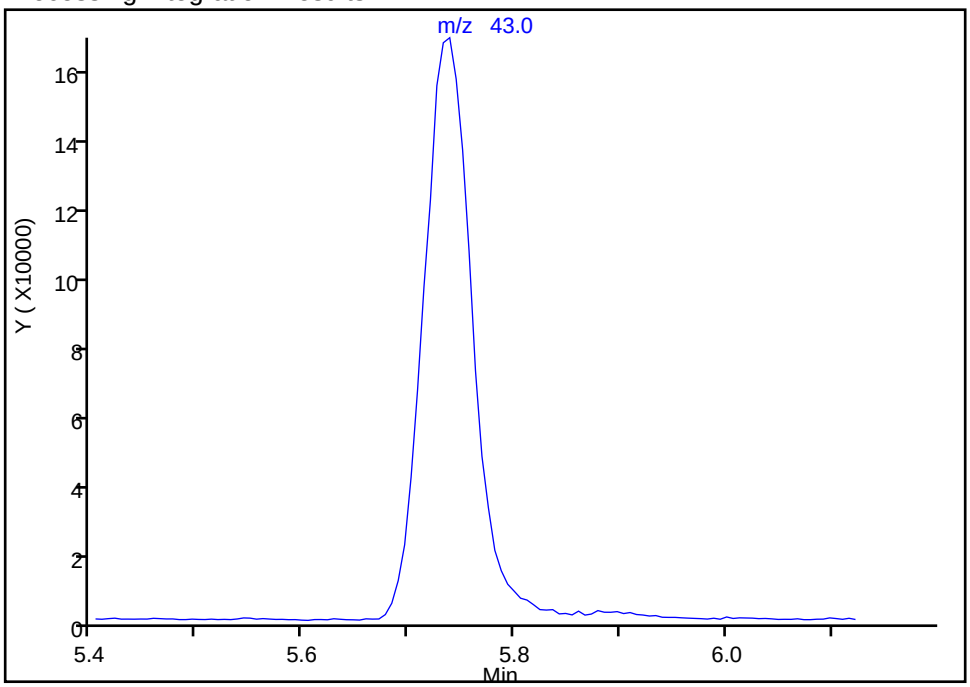
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62316.D
Injection Date: 18-Aug-2020 11:09:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

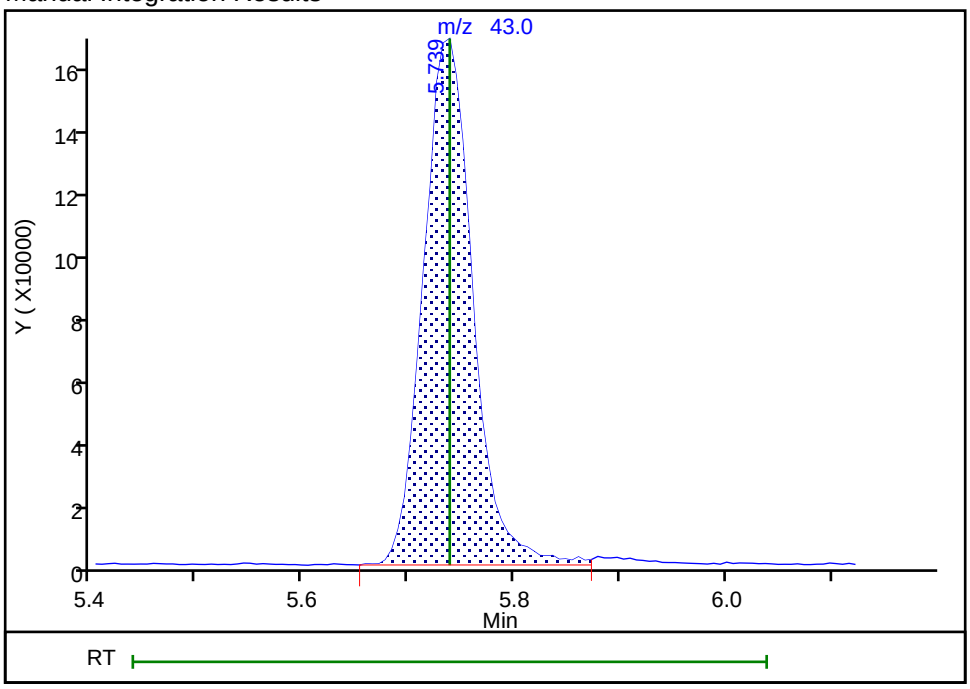
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.74
Area: 550668
Amount: 97.060727
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:13:39
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Aug-2020 11:33:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0115309-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 10:56:07 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 18-Aug-2020 12:07:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.660	0.666	-0.006	51	19989	50.0	41.7	a
2 1,1-Difluoroethane	51	0.703	0.697	0.006	97	387649	50.0	67.2	
3 Dichlorodifluoromethane	85	0.734	0.727	0.007	69	488591	50.0	55.6	
4 Chlorodifluoromethane	51	0.740	0.733	0.007	97	545465	50.0	55.6	
5 Chloromethane	50	0.813	0.813	0.000	99	826647	50.0	54.9	
6 Butadiene	54	0.849	0.843	0.006	95	538544	50.0	53.8	
7 Vinyl chloride	62	0.856	0.855	0.001	98	542732	50.0	53.5	
8 Bromomethane	94	0.996	0.996	0.000	99	348368	50.0	52.5	
9 Chloroethane	64	1.026	1.026	0.000	100	310154	50.0	55.6	
10 Dichlorofluoromethane	67	1.142	1.136	0.006	99	737580	50.0	53.8	
11 Trichlorofluoromethane	101	1.160	1.148	0.012	90	531909	50.0	54.1	
12 Pentane	72	1.173	1.178	-0.005	96	145543	100.0	111.8	
13 Ethyl ether	59	1.282	1.288	-0.006	94	300334	50.0	54.1	
14 Ethanol	46	1.282	1.294	-0.012	75	75412	2000.0	2205.3	
15 2-Methyl-1,3-butadiene	53	1.294	1.294	0.000	97	427355	50.0	57.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.307	1.300	0.007	80	277050	50.0	51.1	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.343	1.343	0.000	75	491809	50.0	50.4	a
18 Acrolein	56	1.349	1.355	-0.006	96	319908	400.0	415.4	
19 1,1-Dichloroethene	96	1.410	1.404	0.006	92	260825	50.0	46.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.435	1.441	-0.006	67	285277	50.0	46.7	
21 Acetone	43	1.447	1.447	0.000	84	441246	250.0	211.4	
22 Iodomethane	142	1.490	1.489	0.001	99	448284	50.0	48.7	
23 Carbon disulfide	76	1.520	1.520	0.000	100	1053103	50.0	51.1	
24 Isopropyl alcohol	45	1.569	1.556	0.013	96	277258	500.0	544.4	
25 3-Chloro-1-propene	39	1.612	1.617	-0.005	93	501230	50.0	50.3	
26 Methyl acetate	43	1.636	1.636	0.000	99	477080	100.0	118.5	
27 Acetonitrile	39	1.654	1.660	-0.006	25	264227	500.0	575.2	a
28 Methylene Chloride	84	1.691	1.691	0.000	97	304211	50.0	51.3	
* 29 TBA-d9 (IS)	65	1.782	1.770	0.012	0	459663	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.819	1.819	0.000	91	358009	500.0	471.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.849	1.849	0.000	94	1069844	500.0	522.8	
32 trans-1,2-Dichloroethene	96	1.861	1.867	-0.006	97	285982	50.0	53.3	
33 Methyl tert-butyl ether	73	1.886	1.880	0.006	98	749986	50.0	51.7	
34 Hexane	57	2.057	2.056	0.001	94	556477	50.0	54.7	
35 1,1-Dichloroethane	63	2.148	2.154	-0.006	99	600150	50.0	54.2	
36 2-Chloro-1,3-butadiene	88	2.221	2.215	0.006	64	264897	50.0	55.4	
37 Vinyl acetate	86	2.221	2.215	0.006	100	85645	100.0	99.2	
38 Isopropyl ether	45	2.246	2.239	0.007	93	1259610	50.0	55.4	
39 Tert-butyl ethyl ether	87	2.520	2.520	0.000	87	313105	50.0	54.7	M
* 40 2-Butanone-d5	46	2.599	2.593	0.006	0	436215	250.0	250.0	a
42 2,2-Dichloropropane	79	2.611	2.605	0.006	54	135897	50.0	56.2	
41 cis-1,2-Dichloroethene	96	2.611	2.611	0.000	90	296380	50.0	53.1	
43 2-Butanone (MEK)	72	2.642	2.654	-0.012	100	141223	250.0	243.3	
44 Propionitrile	54	2.684	2.690	-0.006	95	375869	500.0	502.9	
45 Ethyl acetate	70	2.721	2.721	0.000	99	43385	100.0	100.7	
46 Chlorobromomethane	128	2.812	2.806	0.006	94	125781	50.0	49.7	
47 Methacrylonitrile	67	2.819	2.818	0.001	95	999718	500.0	529.9	
48 Tetrahydrofuran	72	2.867	2.867	0.000	91	64761	100.0	115.8	
49 Chloroform	83	2.904	2.898	0.006	98	476035	50.0	53.9	
$ 51 Dibromofluoromethane (Surr)	113	3.050	3.044	0.006	95	220803	50.0	52.0	
50 1,1,1-Trichloroethane	97	3.056	3.050	0.006	97	394559	50.0	53.2	
52 Cyclohexane	84	3.093	3.099	-0.006	96	444560	50.0	54.2	
53 Carbon tetrachloride	117	3.209	3.209	0.000	79	313040	50.0	53.1	
54 1,1-Dichloropropene	75	3.203	3.209	-0.006	92	388429	50.0	53.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	265391	50.0	51.6	
56 Benzene	78	3.404	3.398	0.006	96	1088105	50.0	51.8	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	96	339911	50.0	51.2	
58 Isobutyl alcohol	42	3.465	3.483	-0.018	91	189580	1250.0	1122.8	a
59 Tert-amyl methyl ether	73	3.581	3.574	0.007	91	910981	50.0	52.3	
* 60 Fluorobenzene	96	3.715	3.721	-0.006	98	643370	50.0	50.0	
61 n-Heptane	43	3.770	3.769	0.001	97	594844	50.0	53.9	
62 Trichloroethene	95	4.135	4.141	-0.006	97	255183	50.0	52.1	
63 n-Butanol	43	4.245	4.263	-0.018	93	82837	1250.0	1270.2	
64 Methylcyclohexane	83	4.355	4.355	0.000	88	525791	50.0	53.1	
65 Ethyl acrylate	55	4.361	4.355	0.006	95	769236	50.0	51.5	
66 1,2-Dichloropropane	63	4.398	4.397	0.001	94	298058	50.0	51.2	
67 Dibromomethane	93	4.538	4.538	0.000	37	139037	50.0	50.6	
* 68 1,4-Dioxane-d8	96	4.593	4.574	0.019	0	29790	1000.0	1000.0	
69 1,4-Dioxane	88	4.647	4.653	-0.006	35	51620	1000.0	1151.9	
70 Methyl methacrylate	100	4.666	4.660	0.006	91	98457	100.0	105.9	
71 Dichlorobromomethane	83	4.788	4.788	0.000	98	308868	50.0	50.5	
72 2-Nitropropane	41	5.111	5.117	-0.006	98	102493	100.0	90.7	
73 2-Chloroethyl vinyl ether	63	5.282	5.294	-0.012	93	88758	50.1	52.4	
74 Epichlorohydrin	57	5.318	5.318	0.000	100	445668	1000.0	952.3	
75 cis-1,3-Dichloropropene	75	5.428	5.428	0.000	96	379245	50.0	51.7	
76 4-Methyl-2-pentanone (MIBK)	43	5.739	5.739	0.000	97	1415420	250.0	226.5	
$ 77 Toluene-d8 (Surr)	98	5.800	5.800	0.000	96	860399	50.0	51.0	
78 Toluene	91	5.891	5.897	-0.006	93	1039456	50.0	51.6	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	97	308429	50.0	52.0	
80 1,1,2-Trichloroethane	83	6.604	6.598	0.006	88	162041	50.0	49.8	
81 Tetrachloroethene	166	6.763	6.757	0.006	97	235265	50.0	52.6	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	98	326560	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.141	7.141	0.000	99	908288	250.0	246.6	
84 Chlorodibromomethane	129	7.226	7.214	0.012	98	178248	50.0	50.7	
85 Ethylene Dibromide	107	7.342	7.336	0.006	98	170938	50.0	52.1	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	88	452728	50.0	50.0	
87 Chlorobenzene	112	8.293	8.299	-0.006	91	593223	50.0	51.3	
88 1,1,1,2-Tetrachloroethane	131	8.513	8.525	-0.012	95	211806	50.0	50.2	
89 Ethylbenzene	106	8.598	8.598	0.000	99	344421	50.0	51.3	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	424699	50.0	51.5	
92 o-Xylene	106	9.555	9.555	0.000	92	442412	50.0	52.2	
93 Styrene	104	9.598	9.598	0.000	93	681197	50.0	53.9	
91 n-Butyl acrylate	73	9.762	9.768	-0.006	0	161090	50.0	54.3	
94 Bromoform	173	9.842	9.841	0.001	94	104846	50.0	51.6	
95 Amyl acetate (mixed isomers)	43	10.226	10.232	-0.006	87	527107	50.0	57.3	
96 Isopropylbenzene	105	10.281	10.274	0.007	97	1201529	50.0	54.2	
$ 97 4-Bromofluorobenzene	174	10.482	10.482	0.000	85	232618	50.0	52.0	
98 Bromobenzene	156	10.665	10.664	0.001	95	245851	50.0	50.5	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	97	62641	50.0	45.3	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	99	272148	50.0	48.7	
101 trans-1,4-Dichloro-2-butene	53	10.982	10.988	-0.006	86	81774	50.0	51.5	
102 N-Propylbenzene	120	11.012	11.018	-0.006	99	301671	50.0	51.3	
103 2-Chlorotoluene	126	11.061	11.061	0.000	98	261412	50.0	51.8	
104 4-Ethyltoluene	105	11.232	11.231	0.001	98	1115025	50.0	53.2	
105 4-Chlorotoluene	91	11.268	11.268	0.000	99	933220	50.0	52.2	
106 1,3,5-Trimethylbenzene	105	11.360	11.359	0.001	92	985995	50.0	52.4	
107 tert-Butylbenzene	119	11.902	11.902	0.000	91	811600	50.0	54.1	
108 1,2,4-Trimethylbenzene	105	12.000	12.000	0.000	98	1017906	50.0	53.3	
109 sec-Butylbenzene	105	12.341	12.341	0.000	99	1287052	50.0	52.8	
110 1,3-Dichlorobenzene	146	12.426	12.432	-0.006	94	476685	50.0	50.4	
* 111 1,4-Dichlorobenzene-d4	152	12.585	12.591	-0.006	97	248565	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	92	479613	50.0	50.2	
113 4-Isopropyltoluene	119	12.689	12.688	0.001	97	1042601	50.0	51.7	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	99	1032184	50.0	52.4	
115 Benzyl chloride	126	12.896	12.896	0.000	97	78990	50.0	52.1	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	961416	50.0	51.7	
117 1,2-Dichlorobenzene	146	13.134	13.133	0.001	94	501825	50.0	49.8	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	560884	50.0	53.4	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	626596	50.0	51.9	
120 1,2-Dibromo-3-Chloropropane	157	13.896	13.889	0.007	89	47440	50.0	48.9	
121 1,2,4,5-Tetramethylbenzene	119	13.914	13.908	0.006	97	1076141	50.0	55.4	
122 1,3,5-Trichlorobenzene	180	14.060	14.054	0.006	95	414101	50.0	50.9	
123 1,2,4-Trichlorobenzene	180	14.493	14.493	0.000	93	355591	50.0	51.1	
124 Hexachlorobutadiene	225	14.633	14.627	0.006	94	184706	50.0	46.2	
125 Naphthalene	128	14.646	14.639	0.007	99	816630	50.0	50.1	
126 1,2,3-Trichlorobenzene	180	14.804	14.798	0.006	94	331504	50.0	47.8	
S 127 1,2-Dichloroethene, Total	100				0		100.0	106.3	
S 128 1,3-Dichloropropene, Total	100				0		100.0	103.7	
S 129 Xylenes, Total	100				0		100.0	103.7	
S 130 Total BTEX	1				0		250.0	258.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	5.00	Units: uL	
GASES Li_00381	Amount Added:	5.00	Units: uL	
524freon_00026	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Aug-2020 10:56:09 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D

Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2 Operator ID:

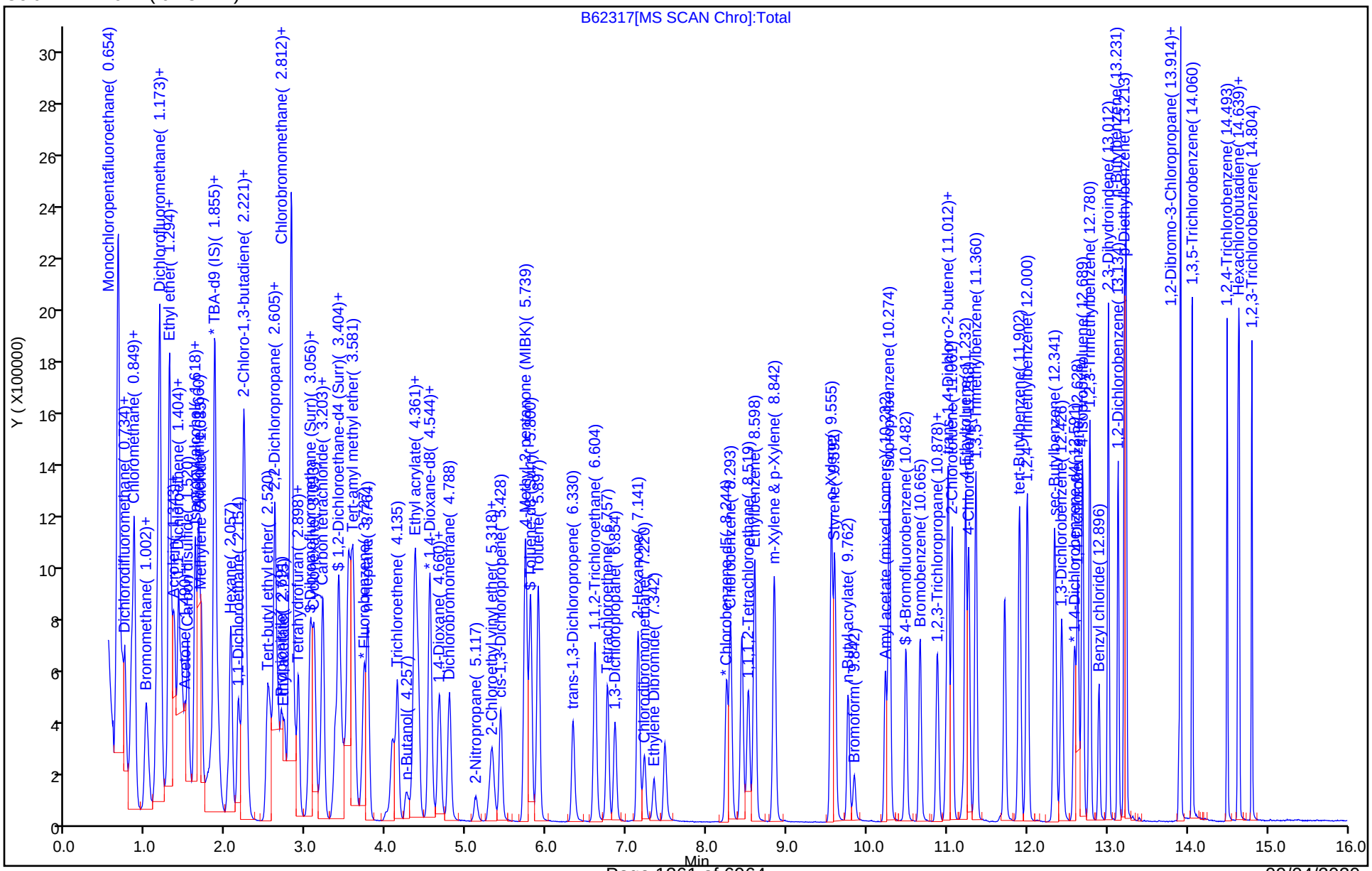
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

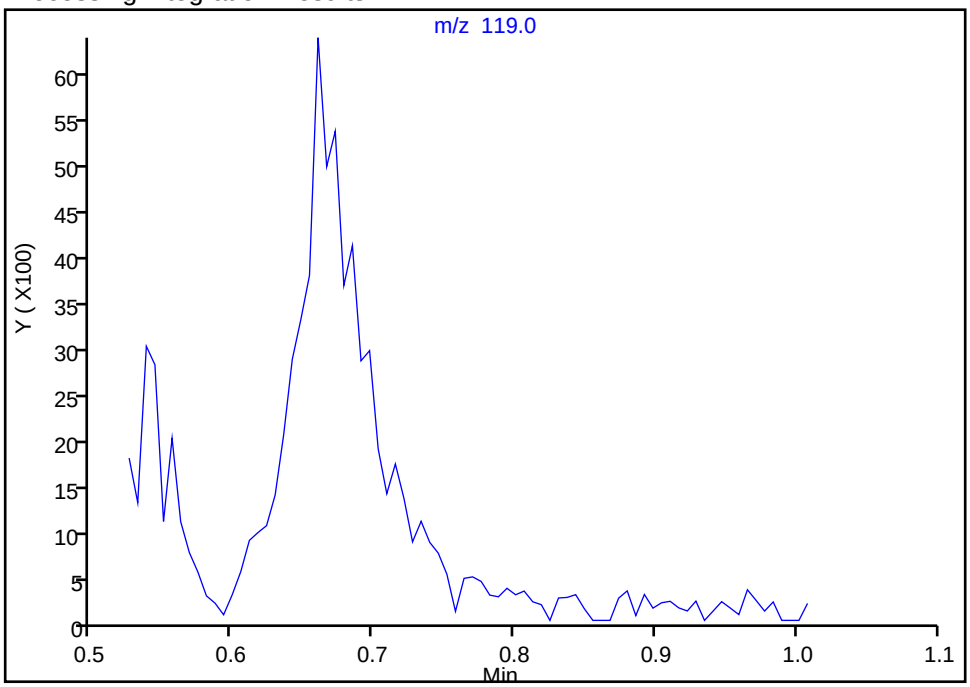
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

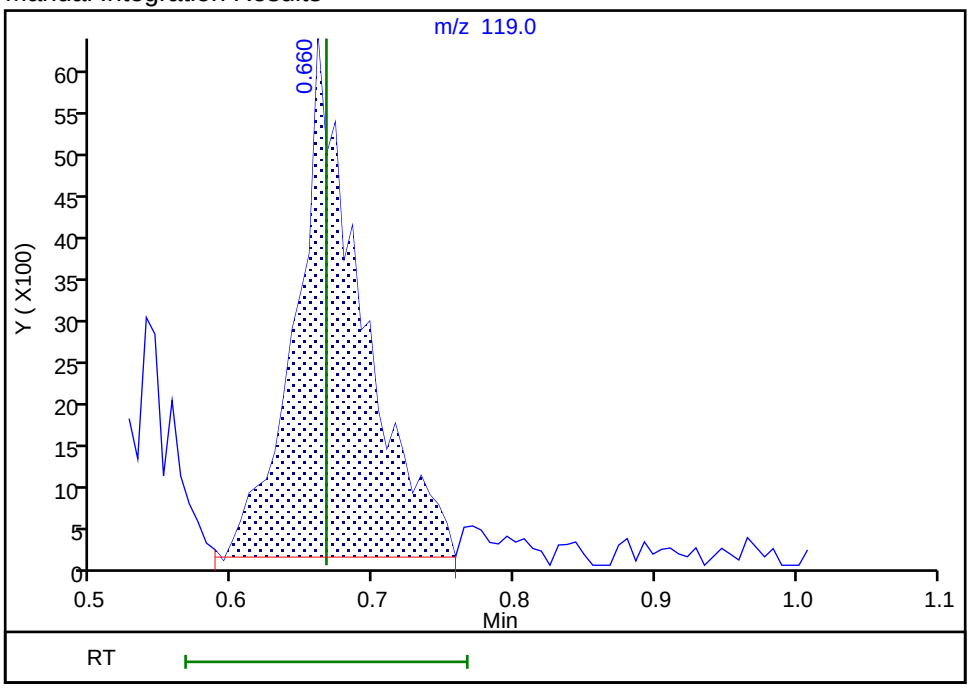
Not Detected
Expected RT: 0.67

Processing Integration Results



Manual Integration Results

RT: 0.66
Area: 19989
Amount: 41.725258
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:34:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

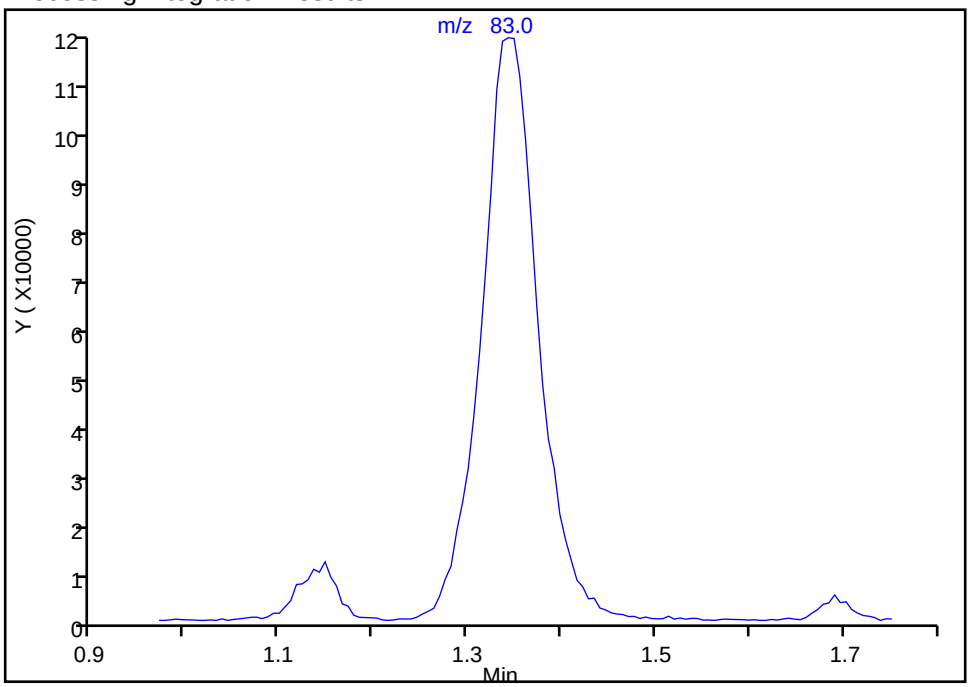
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

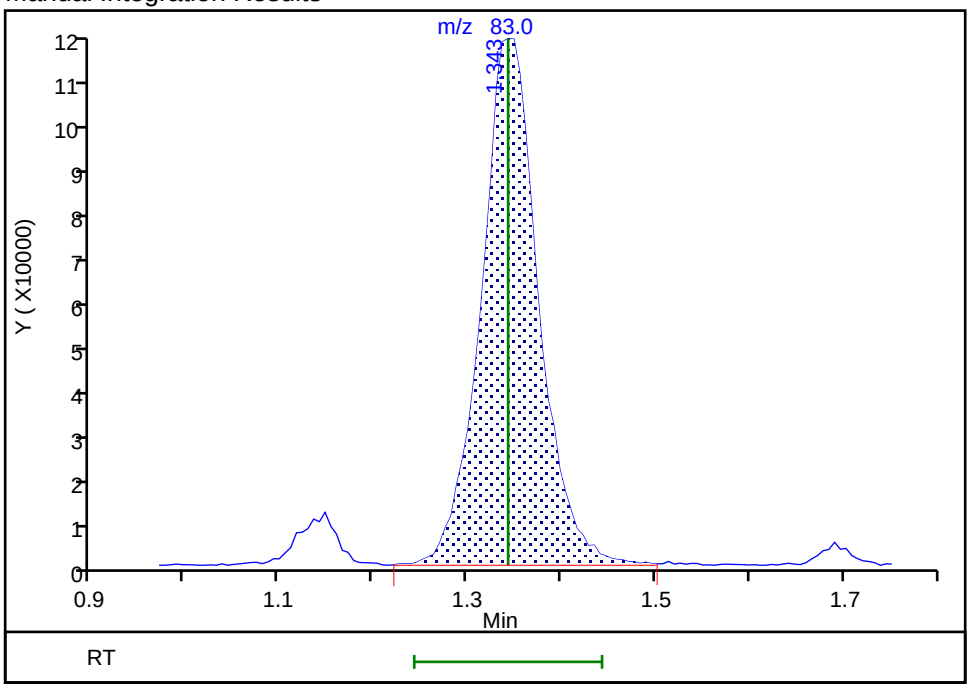
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 491809
Amount: 50.387707
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:34:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

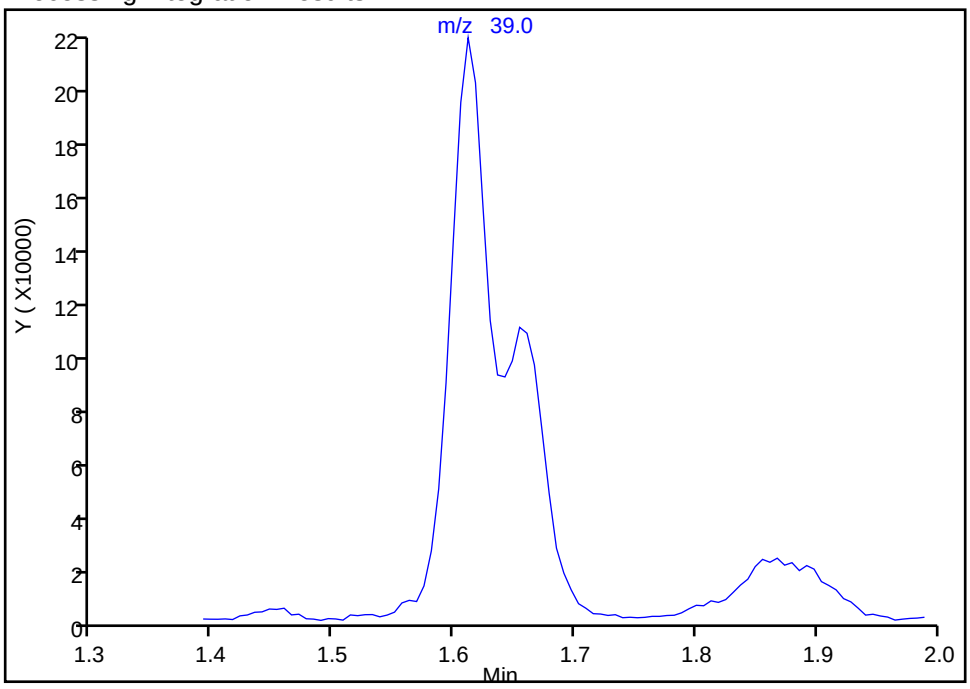
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

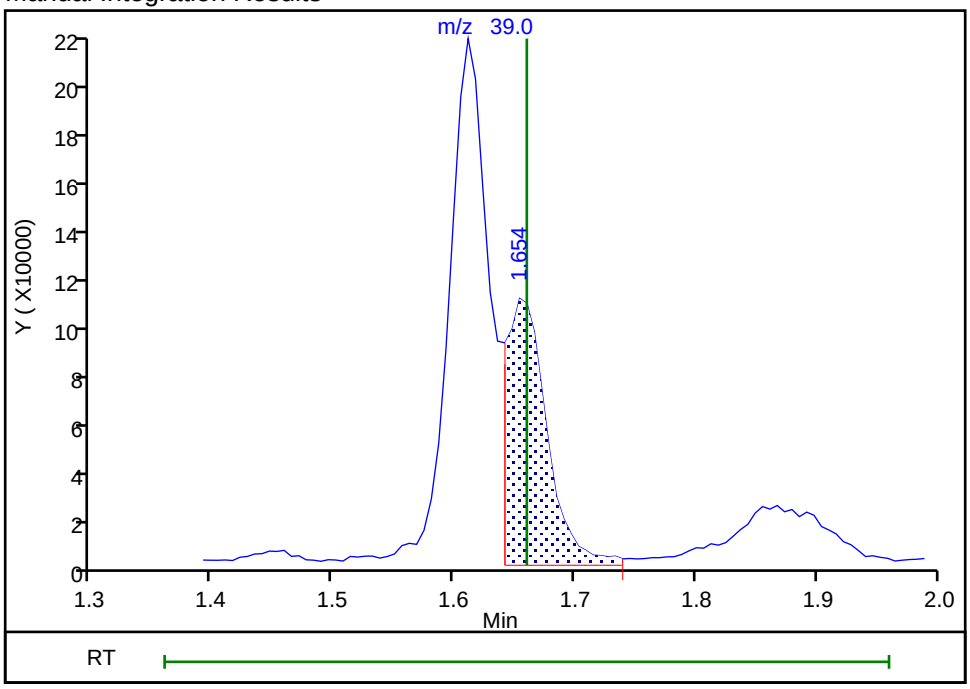
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 264227
Amount: 575.1869
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:34:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

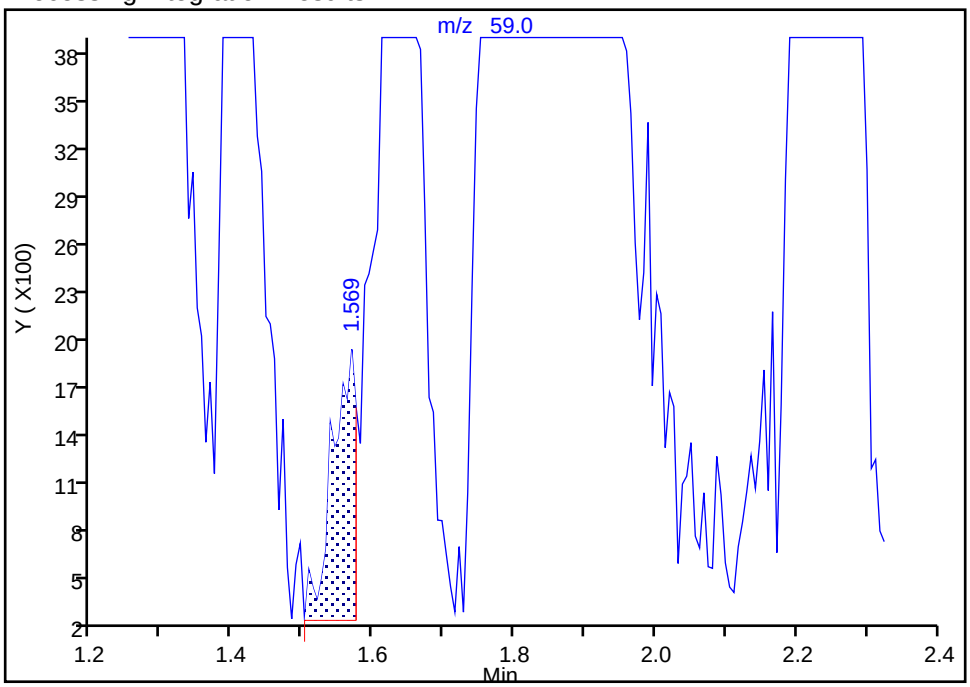
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

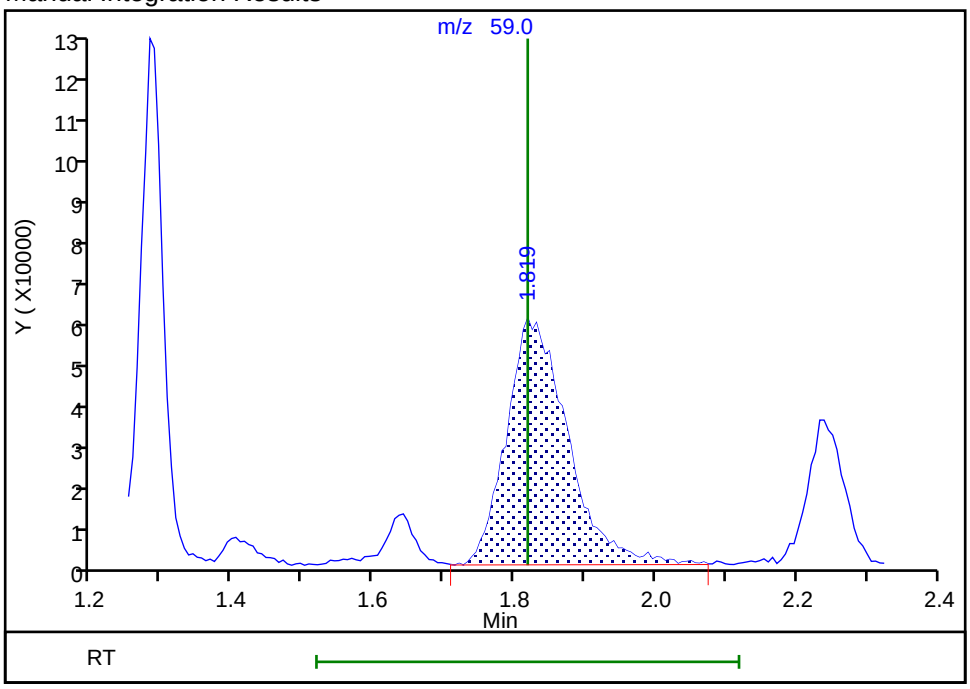
Processing Integration Results

RT: 1.57
Area: 3862
Amount: -17.538785
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 358009
Amount: 471.9102
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:34:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

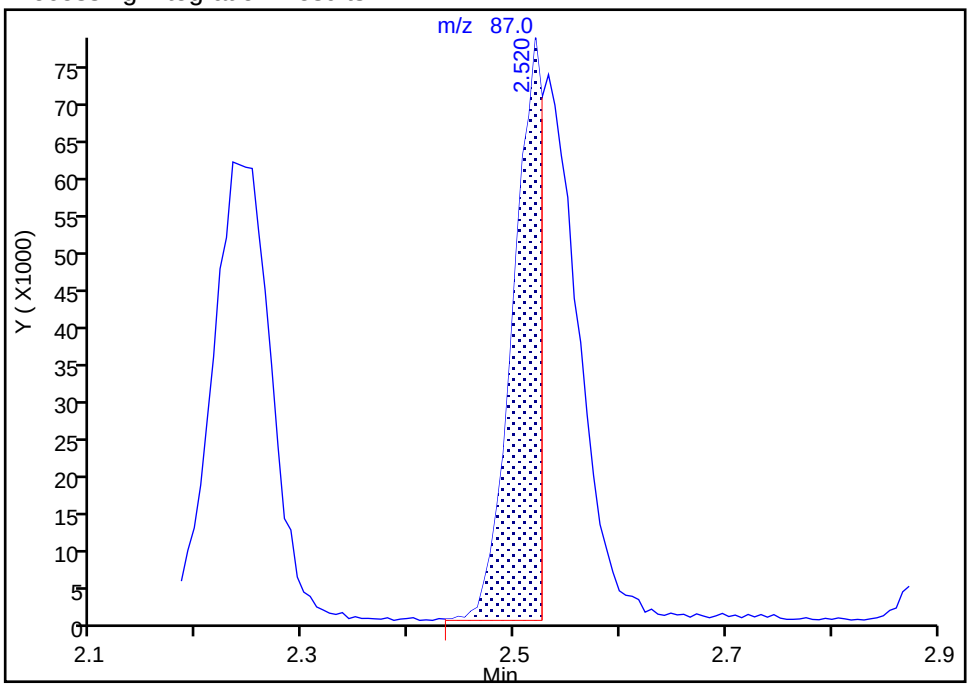
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

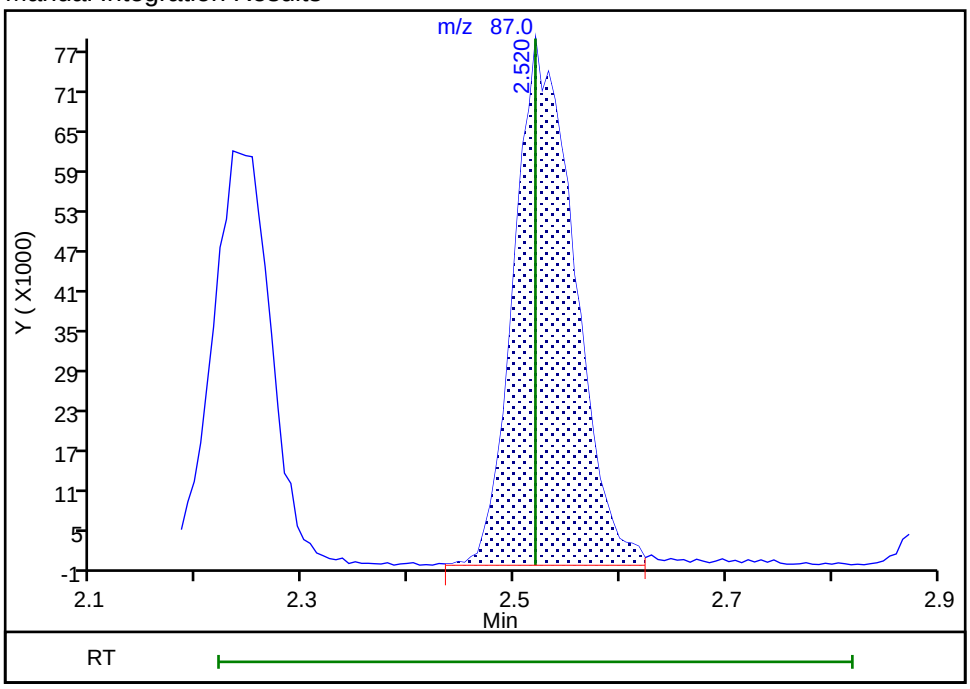
Processing Integration Results

RT: 2.52
Area: 153929
Amount: 0.100363
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 313105
Amount: 54.653354
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:34:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

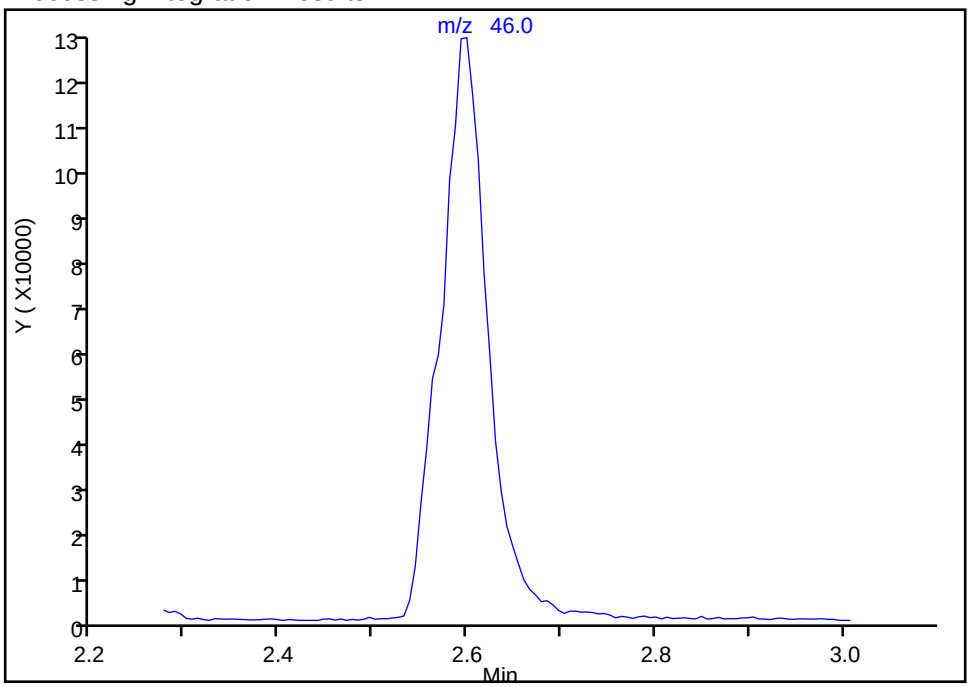
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

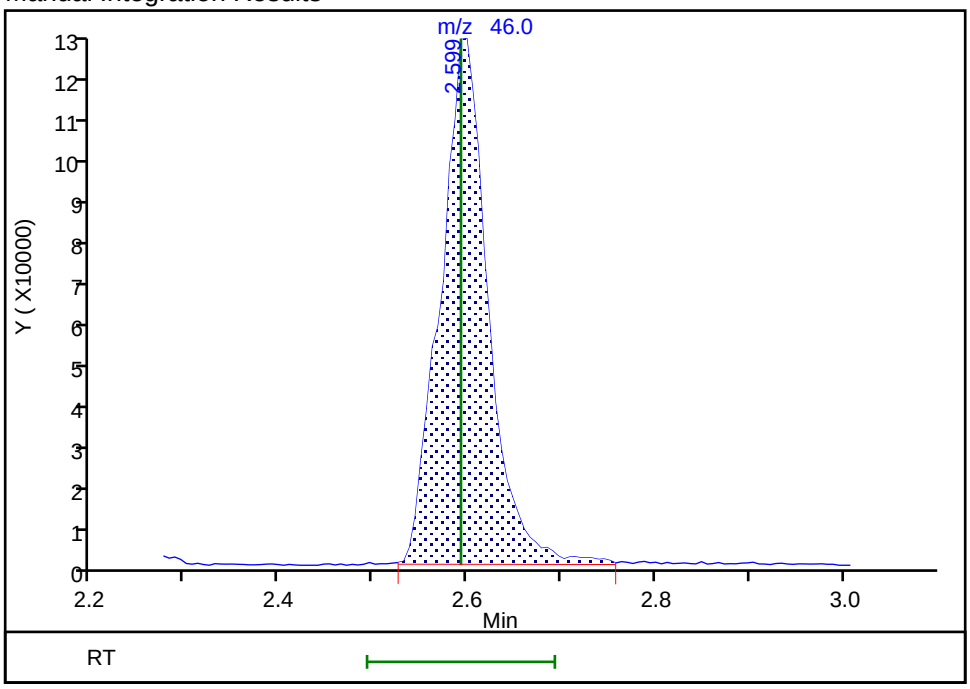
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.60
Area: 436215
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:33:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

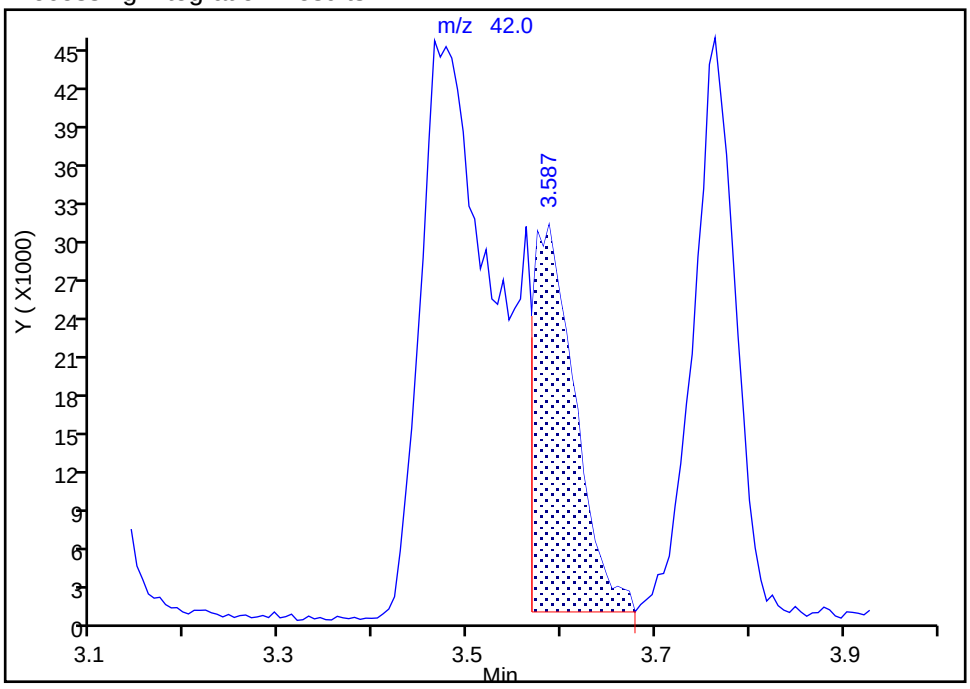
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62317.D
Injection Date: 18-Aug-2020 11:33:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

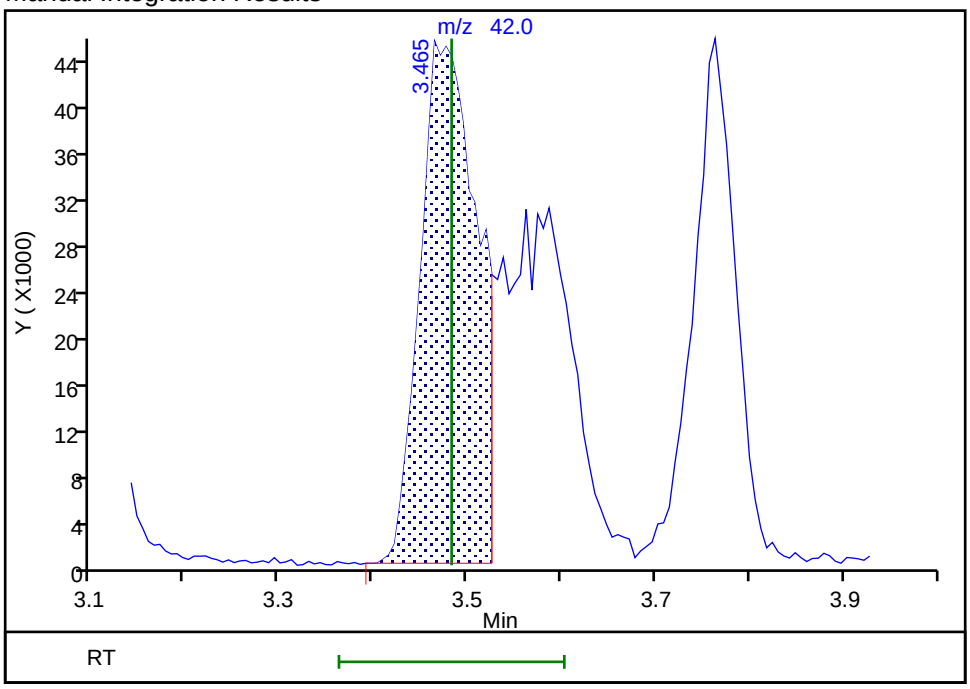
Processing Integration Results

RT: 3.59
Area: 93996
Amount: 599.9533
Amount Units: ug/l



Manual Integration Results

RT: 3.46
Area: 189580
Amount: 1122.7716
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:35:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Aug-2020 11:57:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0115309-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 10:56:22 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 18-Aug-2020 13:11:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.703	0.697	0.006	22	577093	200.0	85.2	
3 Dichlorodifluoromethane	85	0.734	0.727	0.007	97	1619802	200.0	157.0	
4 Chlorodifluoromethane	51	0.734	0.733	0.001	97	1396187	200.0	121.1	
5 Chloromethane	50	0.813	0.813	0.000	99	3122664	200.0	176.6	
6 Butadiene	54	0.849	0.843	0.006	94	2013190	200.0	171.2	
7 Vinyl chloride	62	0.855	0.855	0.000	98	2036517	200.0	171.0	
8 Bromomethane	94	0.996	0.996	0.000	99	1309027	200.0	167.9	
9 Chloroethane	64	1.020	1.026	-0.006	100	1177827	200.0	179.8	
10 Dichlorofluoromethane	67	1.136	1.136	0.000	99	2846849	200.0	176.8	
11 Trichlorofluoromethane	101	1.166	1.148	0.018	96	2026310	200.0	175.5	
12 Pentane	72	1.166	1.178	-0.012	97	523863	400.0	342.5	
13 Ethyl ether	59	1.282	1.288	-0.006	92	1201018	200.0	184.0	
14 Ethanol	46	1.282	1.294	-0.012	78	333201	8000.0	8150.1	
15 2-Methyl-1,3-butadiene	53	1.294	1.294	0.000	96	1546650	200.0	175.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.313	1.300	0.013	88	1083894	200.0	170.3	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.343	1.343	0.000	93	1972787	200.0	172.0	a
18 Acrolein	56	1.349	1.355	-0.006	91	438264	500.0	476.0	
19 1,1-Dichloroethene	96	1.404	1.404	0.000	93	1157484	200.0	175.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.435	1.441	-0.006	89	1166340	200.0	162.7	
21 Acetone	43	1.441	1.447	-0.006	86	2346590	1000.0	985.2	
22 Iodomethane	142	1.489	1.489	0.000	98	1778185	200.0	164.6	
23 Carbon disulfide	76	1.520	1.520	0.000	100	4337959	200.0	179.3	
24 Isopropyl alcohol	45	1.563	1.556	0.007	96	1193882	2000.0	1960.9	
25 3-Chloro-1-propene	39	1.611	1.617	-0.006	92	2077111	200.0	177.4	
26 Methyl acetate	43	1.636	1.636	0.000	98	2013245	400.0	393.6	
27 Acetonitrile	39	1.654	1.660	-0.006	77	961034	2000.0	1749.8	a
28 Methylene Chloride	84	1.691	1.691	0.000	97	1233462	200.0	176.9	
* 29 TBA-d9 (IS)	65	1.764	1.770	-0.006	0	549559	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.831	1.819	0.012	91	1633907	2000.0	1801.4	a
31 Acrylonitrile	53	1.849	1.849	0.000	96	4574598	2000.0	1869.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.861	1.867	-0.006	98	1147256	200.0	181.9	
33 Methyl tert-butyl ether	73	1.886	1.880	0.006	98	3097447	200.0	181.9	
34 Hexane	57	2.056	2.056	0.000	94	2183297	200.0	182.7	
35 1,1-Dichloroethane	63	2.148	2.154	-0.006	99	2344328	200.0	180.3	
36 2-Chloro-1,3-butadiene	88	2.215	2.215	0.000	91	1024743	200.0	182.5	
37 Vinyl acetate	86	2.209	2.215	-0.006	100	376197	400.0	381.8	
38 Isopropyl ether	45	2.239	2.239	0.000	94	4756358	200.0	178.0	
39 Tert-butyl ethyl ether	87	2.526	2.520	0.006	86	1157366	200.0	172.0	
* 40 2-Butanone-d5	46	2.593	2.593	0.000	0	497791	250.0	250.0	a
42 2,2-Dichloropropane	79	2.611	2.605	0.006	94	498106	200.0	175.4	
41 cis-1,2-Dichloroethene	96	2.605	2.611	-0.006	92	1159271	200.0	176.7	
43 2-Butanone (MEK)	72	2.642	2.654	-0.012	99	611725	1000.0	923.7	
44 Propionitrile	54	2.684	2.690	-0.006	95	1505897	2000.0	1765.4	
45 Ethyl acetate	70	2.715	2.721	-0.006	98	185908	400.0	378.3	
46 Chlorobromomethane	128	2.812	2.806	0.006	96	516271	200.0	173.5	
47 Methacrylonitrile	67	2.819	2.818	0.000	95	4073940	2000.0	1838.1	
48 Tetrahydrofuran	72	2.855	2.867	-0.012	94	266614	400.0	393.5	
49 Chloroform	83	2.904	2.898	0.006	98	1873536	200.0	180.7	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.044	0.000	95	235980	50.0	47.3	
50 1,1,1-Trichloroethane	97	3.050	3.050	0.000	98	1540872	200.0	177.0	
52 Cyclohexane	84	3.099	3.099	0.000	96	1748428	200.0	181.5	
53 Carbon tetrachloride	117	3.203	3.209	-0.006	73	1292266	200.0	186.4	
54 1,1-Dichloropropene	75	3.203	3.209	-0.006	92	1570773	200.0	184.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	292986	50.0	48.5	
56 Benzene	78	3.404	3.398	0.006	96	4513675	200.0	185.4	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	97	1438331	200.0	184.2	
58 Isobutyl alcohol	42	3.471	3.483	-0.012	88	1083173	5000.0	5365.6	
59 Tert-amyl methyl ether	73	3.587	3.574	0.013	86	3760008	200.0	183.8	
* 60 Fluorobenzene	96	3.715	3.721	-0.006	97	755824	50.0	50.0	a
61 n-Heptane	43	3.763	3.769	-0.006	98	2437602	200.0	188.1	
62 Trichloroethene	95	4.141	4.141	0.000	96	1055488	200.0	183.3	
63 n-Butanol	43	4.239	4.263	-0.024	91	460363	5000.0	5002.5	
65 Ethyl acrylate	55	4.361	4.355	0.006	96	3340075	200.0	190.4	
64 Methylcyclohexane	83	4.355	4.355	0.000	85	2174744	200.0	187.0	
66 1,2-Dichloropropane	63	4.397	4.397	0.000	94	1269906	200.0	185.6	
67 Dibromomethane	93	4.544	4.538	0.006	95	596256	200.0	184.9	
* 68 1,4-Dioxane-d8	96	4.568	4.574	-0.006	0	40605	1000.0	1000.0	
69 1,4-Dioxane	88	4.635	4.653	-0.018	88	218939	4000.0	3584.4	
70 Methyl methacrylate	100	4.666	4.660	0.006	91	426768	400.0	390.7	
71 Dichlorobromomethane	83	4.788	4.788	0.000	99	1420084	200.0	197.5	
72 2-Nitropropane	41	5.117	5.117	0.000	98	484018	400.0	364.7	
73 2-Chloroethyl vinyl ether	63	5.294	5.294	0.000	93	417266	200.5	209.7	
74 Epichlorohydrin	57	5.324	5.318	0.006	100	2124478	4000.0	3978.2	
75 cis-1,3-Dichloropropene	75	5.434	5.428	0.006	96	1713616	200.0	201.5	
76 4-Methyl-2-pentanone (MIBK)	43	5.739	5.739	0.000	98	6273448	1000.0	879.9	
$ 77 Toluene-d8 (Surr)	98	5.806	5.800	0.006	98	963477	50.0	49.3	
78 Toluene	91	5.903	5.897	0.006	93	4403710	200.0	188.4	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	98	1428061	200.0	207.6	
80 1,1,2-Trichloroethane	83	6.604	6.598	0.006	95	704210	200.0	186.8	
81 Tetrachloroethene	166	6.763	6.757	0.006	97	978309	200.0	188.8	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	98	1444378	200.0	192.2	
83 2-Hexanone	43	7.147	7.141	0.006	99	4034579	1000.0	959.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Chlorodibromomethane	129	7.226	7.214	0.012	98	833574	200.0	204.5	
85 Ethylene Dibromide	107	7.342	7.336	0.006	100	738079	200.0	194.1	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	88	524785	50.0	50.0	
87 Chlorobenzene	112	8.299	8.299	0.000	91	2485102	200.0	185.4	
88 1,1,1,2-Tetrachloroethane	131	8.519	8.525	-0.006	95	942646	200.0	192.9	
89 Ethylbenzene	106	8.604	8.598	0.006	99	1474573	200.0	189.5	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	1790784	200.0	187.3	
92 o-Xylene	106	9.555	9.555	0.000	93	1827577	200.0	185.9	
93 Styrene	104	9.598	9.598	0.000	95	2862990	200.0	195.3	
91 n-Butyl acrylate	73	9.762	9.768	-0.006	0	680374	200.0	198.0	
94 Bromoform	173	9.842	9.841	0.001	96	501438	200.0	212.9	
95 Amyl acetate (mixed isomers)	43	10.226	10.232	-0.006	88	1990511	200.0	192.7	
96 Isopropylbenzene	105	10.280	10.274	0.006	97	4933142	200.0	192.1	
$ 97 4-Bromofluorobenzene	174	10.488	10.482	0.006	86	247559	50.0	49.3	
98 Bromobenzene	156	10.665	10.664	0.001	95	1014664	200.0	185.4	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	98	277252	200.0	178.6	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	98	1168516	200.0	186.1	
101 trans-1,4-Dichloro-2-butene	53	10.982	10.988	-0.006	89	356246	200.0	199.7	
102 N-Propylbenzene	120	11.018	11.018	0.000	99	1287850	200.0	194.9	
103 2-Chlorotoluene	126	11.067	11.061	0.006	98	1088916	200.0	192.1	
104 4-Ethyltoluene	105	11.231	11.231	0.000	98	4530681	200.0	192.6	
105 4-Chlorotoluene	91	11.274	11.268	0.006	99	3986629	200.0	198.7	
106 1,3,5-Trimethylbenzene	105	11.360	11.359	0.001	92	4400034	200.0	208.1	
107 tert-Butylbenzene	119	11.908	11.902	0.006	91	3560718	200.0	211.3	
108 1,2,4-Trimethylbenzene	105	12.006	12.000	0.006	98	4493653	200.0	209.6	
109 sec-Butylbenzene	105	12.347	12.341	0.006	99	5815297	200.0	212.7	
110 1,3-Dichlorobenzene	146	12.432	12.432	0.000	94	2035807	200.0	191.6	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	279110	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	95	1957194	200.0	182.3	
113 4-Isopropyltoluene	119	12.695	12.688	0.007	97	4535442	200.0	200.4	
114 1,2,3-Trimethylbenzene	105	12.786	12.780	0.006	99	4212989	200.0	190.4	
115 Benzyl chloride	126	12.896	12.896	0.000	97	340700	200.0	200.2	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	3859997	200.0	176.5	
117 1,2-Dichlorobenzene	146	13.134	13.133	0.001	95	2044140	200.0	180.7	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	2243085	200.0	190.1	a
119 n-Butylbenzene	92	13.231	13.231	0.000	98	2573948	200.0	189.9	
120 1,2-Dibromo-3-Chloropropane	157	13.890	13.889	0.001	94	213469	200.0	196.0	
121 1,2,4,5-Tetramethylbenzene	119	13.914	13.908	0.006	97	4266268	200.0	195.5	
122 1,3,5-Trichlorobenzene	180	14.054	14.054	0.000	96	1610362	200.0	176.2	
123 1,2,4-Trichlorobenzene	180	14.493	14.493	0.000	94	1527956	200.0	195.5	
124 Hexachlorobutadiene	225	14.627	14.627	0.000	97	855229	200.0	190.4	
125 Naphthalene	128	14.639	14.639	0.000	99	3816627	200.0	208.6	
126 1,2,3-Trichlorobenzene	180	14.798	14.798	0.000	94	1528571	200.0	196.3	
S 127 1,2-Dichloroethene, Total	100				0		400.0	358.6	
S 128 1,3-Dichloropropene, Total	100				0		400.0	409.1	
S 129 Xylenes, Total	100				0		400.0	373.2	
S 130 Total BTEX	1				0		1000.0	936.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	5.00	Units: uL	
GAS Hi_00368	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	2.00	Units: uL	
MIX I Hi_00128	Amount Added:	2.00	Units: uL	
Ethanol mix_00043	Amount Added:	2.00	Units: uL	
8FreonHi_00022	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Aug-2020 10:56:23 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D

Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2 Operator ID:

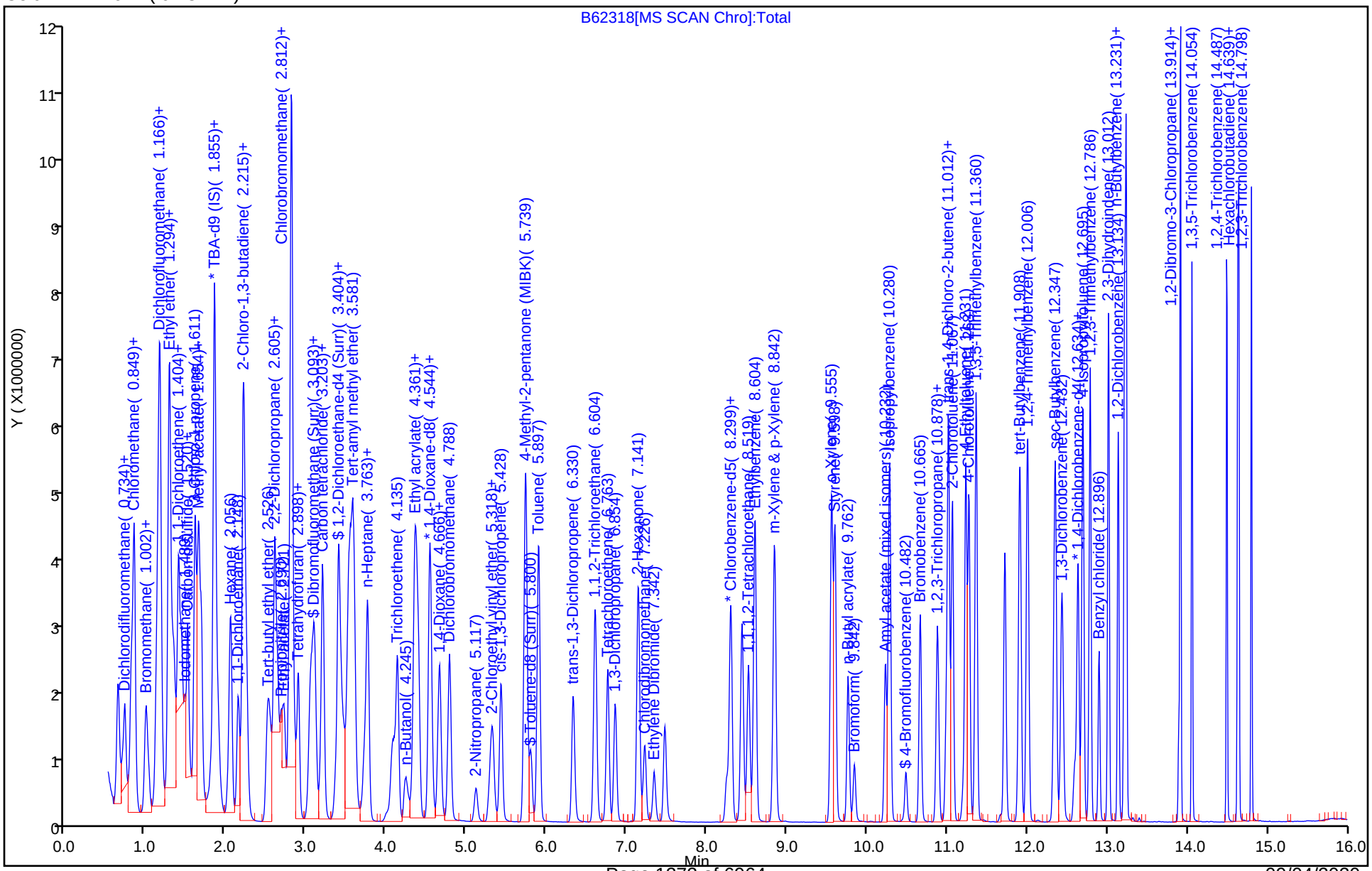
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

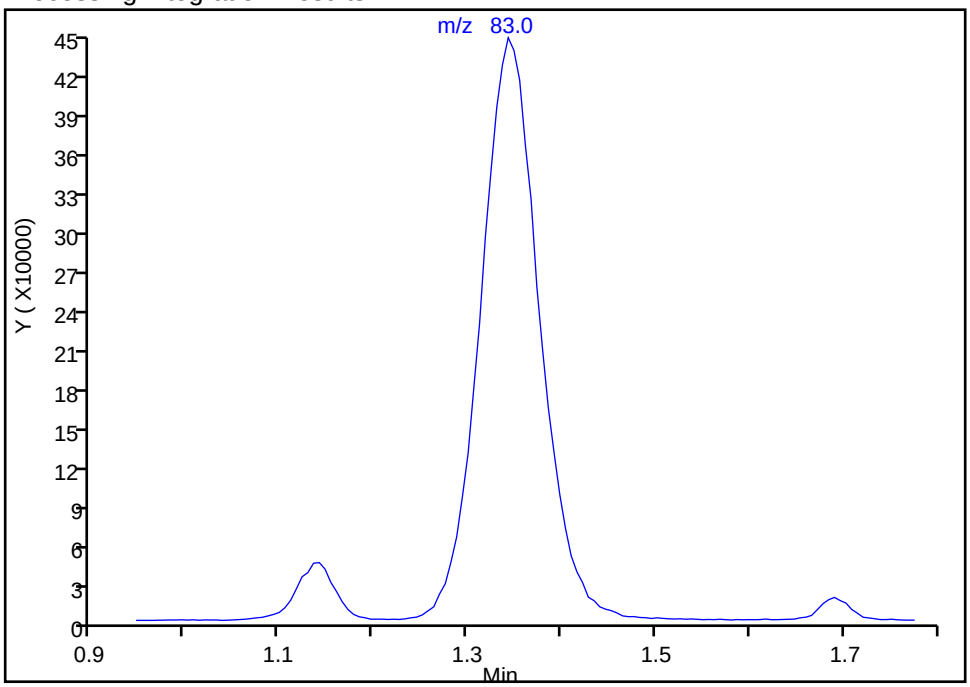
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

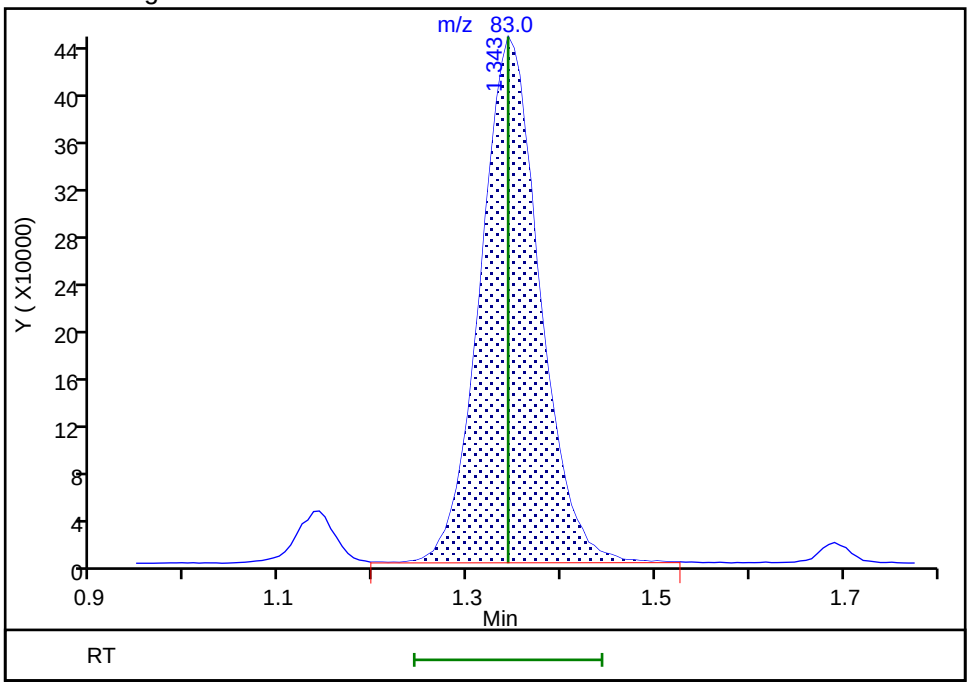
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 1972787
Amount: 172.0475
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:36:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

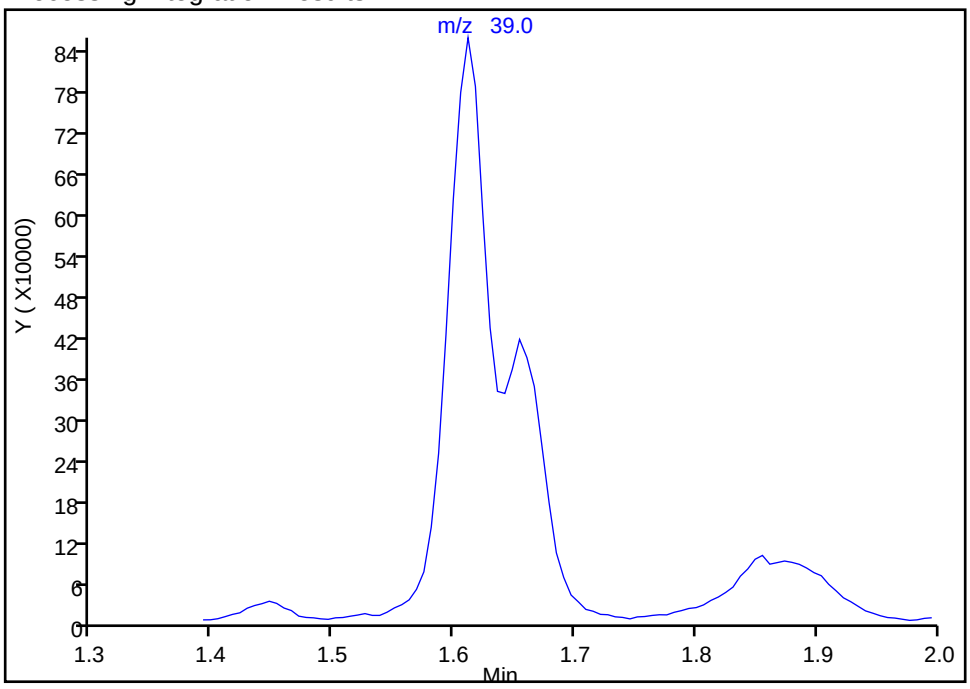
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

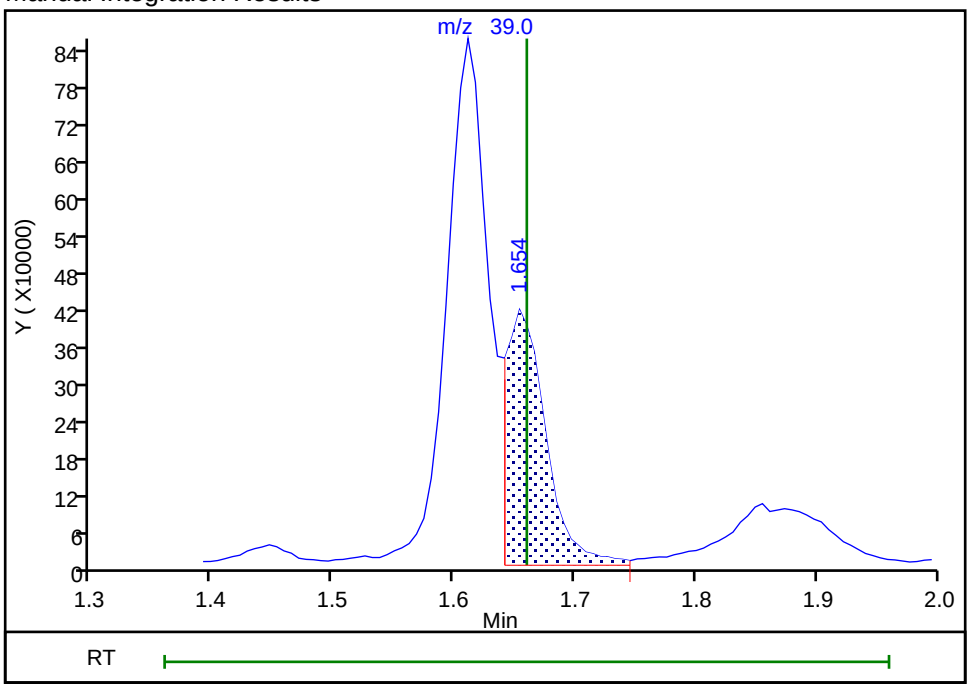
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 961034
Amount: 1749.8297
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:36:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

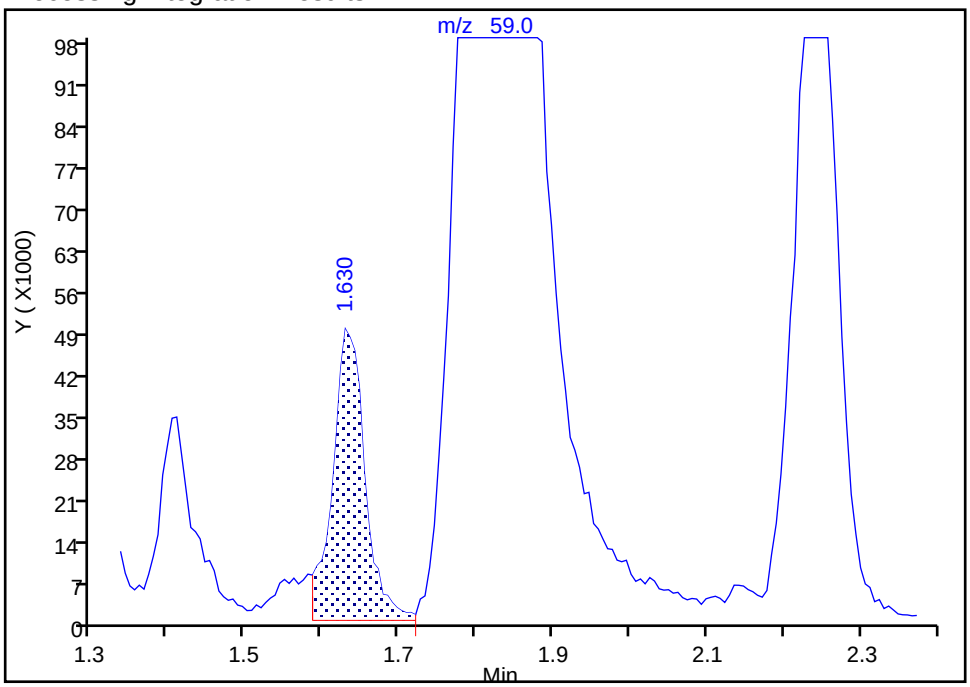
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

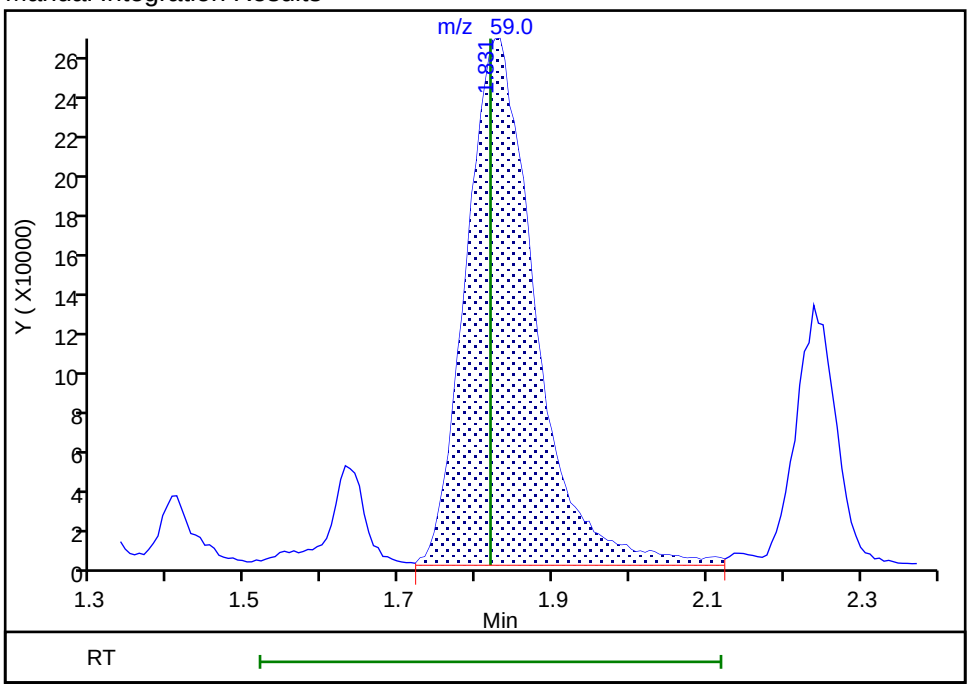
Processing Integration Results

RT: 1.63
Area: 144122
Amount: 226.8873
Amount Units: ug/l



Manual Integration Results

RT: 1.83
Area: 1633907
Amount: 1801.4323
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:36:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

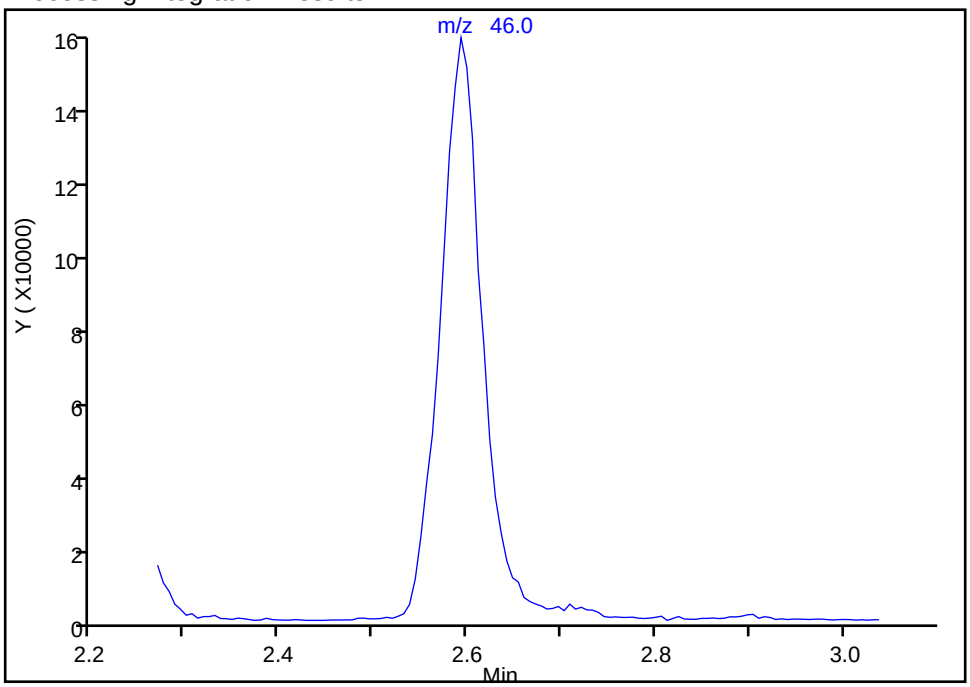
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

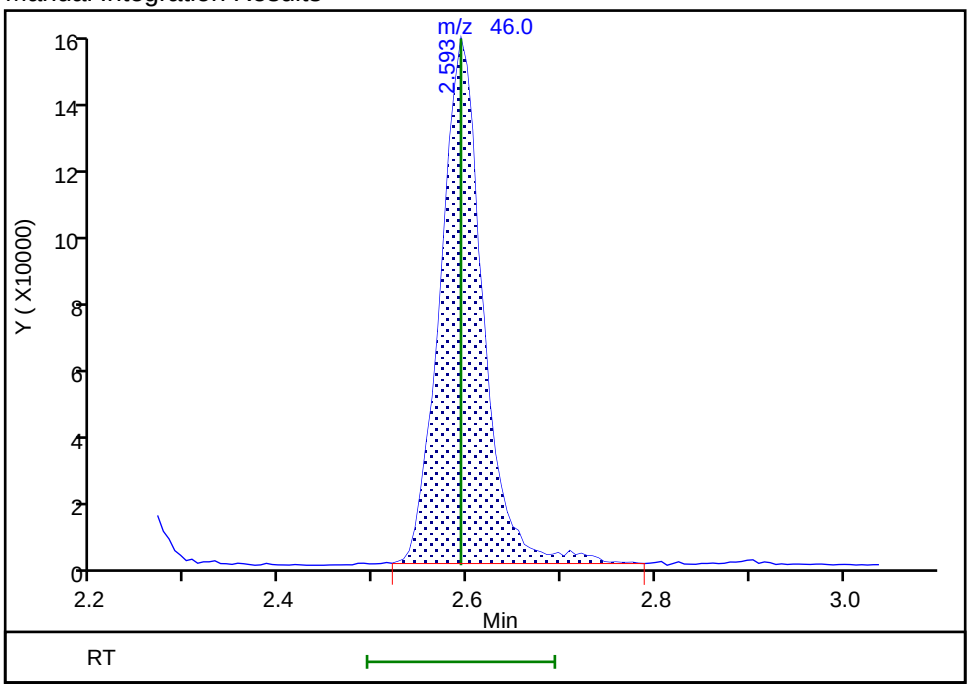
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 497791
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:36:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

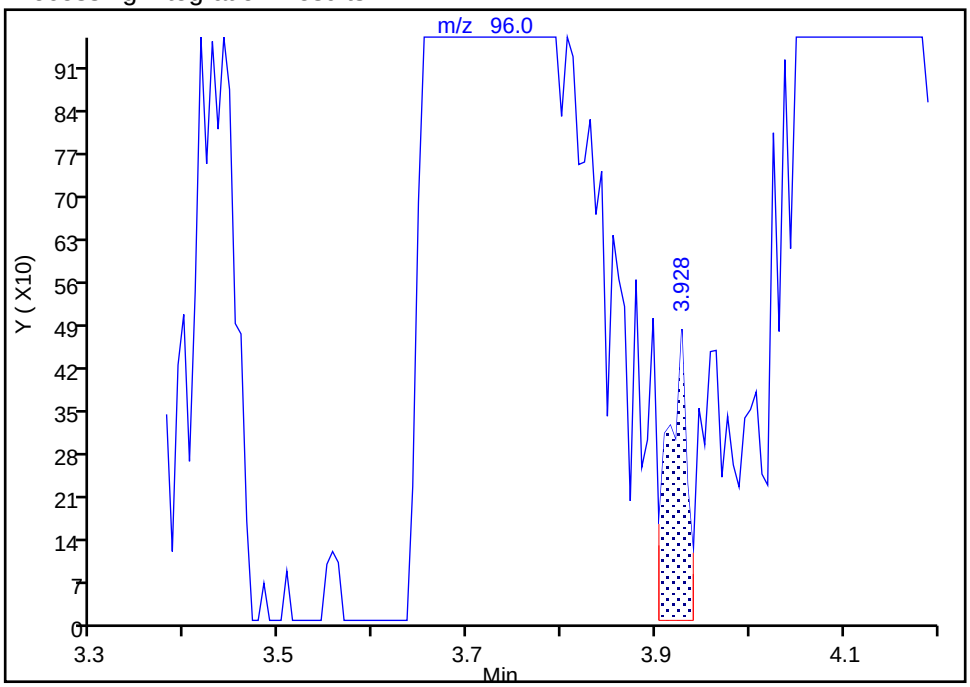
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

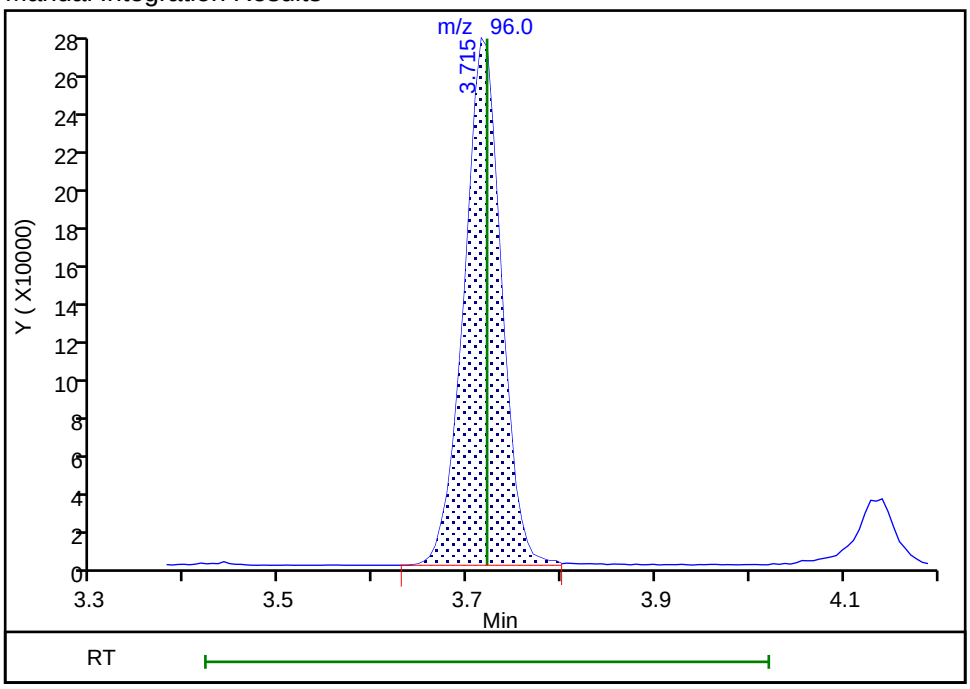
Processing Integration Results

RT: 3.93
Area: 692
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.71
Area: 755824
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:36:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

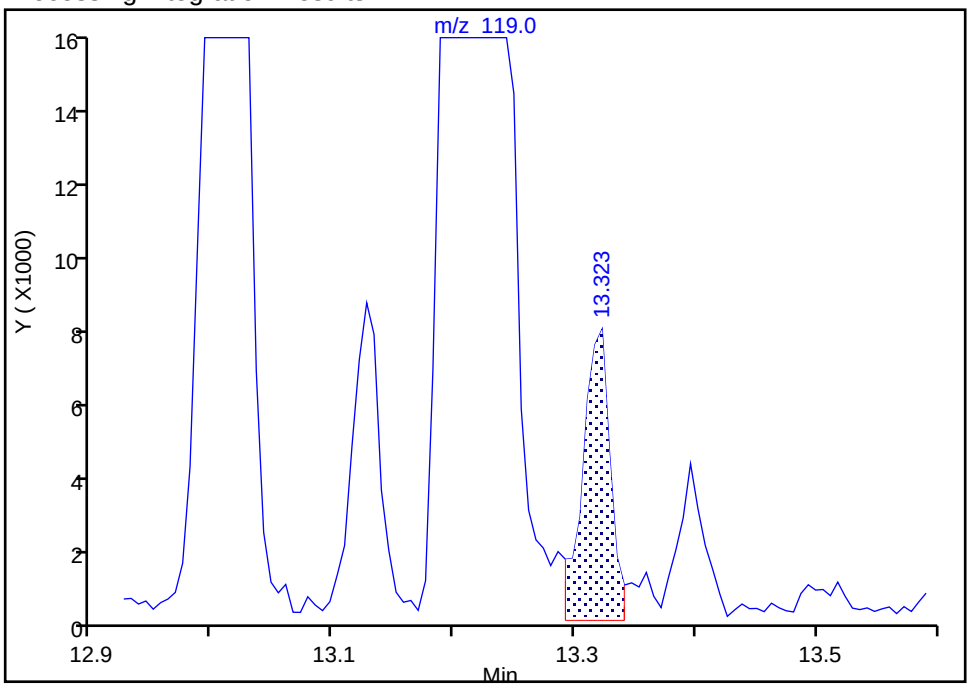
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62318.D
Injection Date: 18-Aug-2020 11:57:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

118 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

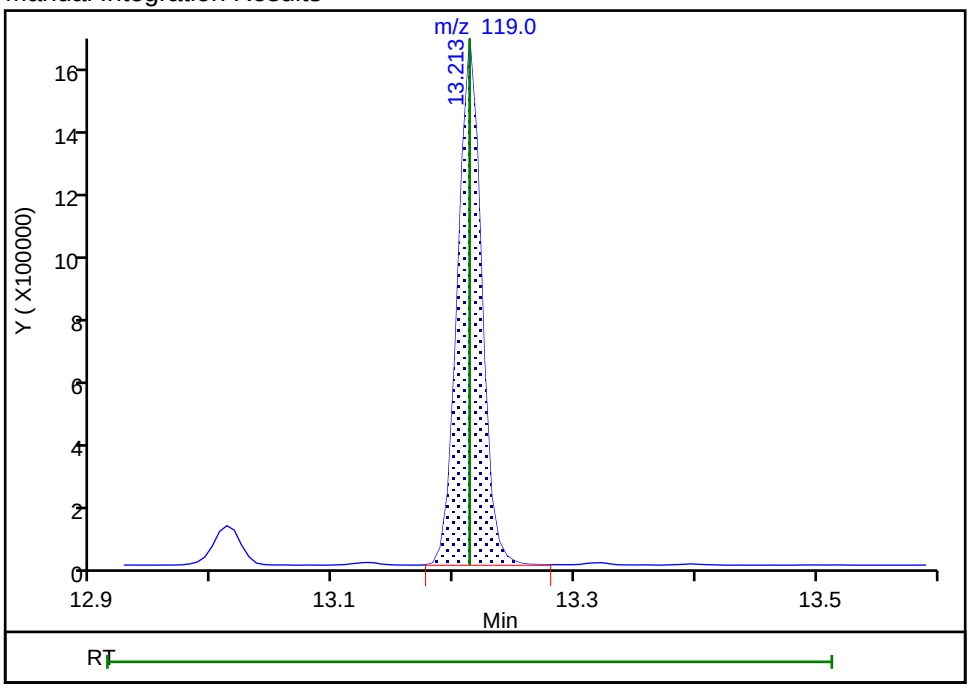
Processing Integration Results

RT: 13.32
Area: 12736
Amount: 1.281408
Amount Units: ug/l



Manual Integration Results

RT: 13.21
Area: 2243085
Amount: 190.1292
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:37:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 18-Aug-2020 12:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0115309-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 10:56:37 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 18-Aug-2020 13:10:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.697	0.000	41	1473264	500.0	236.9	Ma
3 Dichlorodifluoromethane	85	0.715	0.727	-0.012	97	4201922	500.0	443.7	
4 Chlorodifluoromethane	51	0.721	0.733	-0.012	96	3522898	500.0	333.1	M
5 Chloromethane	50	0.801	0.813	-0.012	99	7943517	500.0	489.4	
6 Butadiene	54	0.831	0.843	-0.012	94	5166804	500.0	478.8	
7 Vinyl chloride	62	0.843	0.855	-0.012	97	5337255	500.0	488.3	
8 Bromomethane	94	0.983	0.996	-0.013	99	3513775	500.0	491.0	
9 Chloroethane	64	1.008	1.026	-0.018	100	3040088	500.0	505.7	
10 Dichlorofluoromethane	67	1.124	1.136	-0.012	99	7674641	500.0	519.5	
11 Trichlorofluoromethane	101	1.154	1.148	0.006	97	5398029	500.0	509.5	
12 Pentane	72	1.160	1.178	-0.018	97	1418628	1000.0	1010.8	
13 Ethyl ether	59	1.270	1.288	-0.018	94	3075391	500.0	513.5	
14 Ethanol	46	1.270	1.294	-0.024	81	866247	20000	22650	
15 2-Methyl-1,3-butadiene	53	1.282	1.294	-0.012	95	3994236	500.0	494.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.300	1.300	0.000	91	3013188	500.0	515.8	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.337	1.343	-0.006	93	5324573	500.0	506.0	a
18 Acrolein	56	1.337	1.355	-0.018	39	543833	600.0	631.4	
19 1,1-Dichloroethene	96	1.392	1.404	-0.012	93	3261420	500.0	538.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.422	1.441	-0.019	89	3553305	500.0	540.0	
21 Acetone	43	1.429	1.447	-0.019	86	6148277	2500.0	2938.6	
22 Iodomethane	142	1.477	1.489	-0.012	98	5731895	500.0	578.2	
23 Carbon disulfide	76	1.508	1.520	-0.012	100	14108609	500.0	635.4	
24 Isopropyl alcohol	45	1.557	1.556	0.001	96	3501901	5000.0	6148.5	a
25 3-Chloro-1-propene	39	1.599	1.617	-0.018	93	6384718	500.0	594.4	
26 Methyl acetate	43	1.617	1.636	-0.019	99	5475038	1000.0	1000.7	
27 Acetonitrile	39	1.642	1.660	-0.018	75	2589469	5000.0	5040.2	a
28 Methylene Chloride	84	1.678	1.691	-0.013	97	3229481	500.0	504.7	
* 29 TBA-d9 (IS)	65	1.776	1.770	0.006	0	514087	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.831	1.819	0.012	95	4103392	5000.0	4836.3	a
31 Acrylonitrile	53	1.843	1.849	-0.006	95	11731881	5000.0	5125.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.849	1.867	-0.018	98	3058208	500.0	528.4	
33 Methyl tert-butyl ether	73	1.880	1.880	0.000	98	7819609	500.0	500.4	
34 Hexane	57	2.044	2.056	-0.012	95	5587897	500.0	509.6	
35 1,1-Dichloroethane	63	2.142	2.154	-0.012	99	6037871	500.0	506.1	
36 2-Chloro-1,3-butadiene	88	2.209	2.215	-0.006	91	2618066	500.0	508.0	
37 Vinyl acetate	86	2.203	2.215	-0.012	100	985560	1000.0	1138.8	
38 Isopropyl ether	45	2.233	2.239	-0.006	91	11781815	500.0	480.4	
39 Tert-butyl ethyl ether	87	2.532	2.520	0.012	86	2833643	500.0	458.8	M
* 40 2-Butanone-d5	46	2.587	2.593	-0.006	0	437286	250.0	250.0	a
42 2,2-Dichloropropane	79	2.605	2.605	0.000	93	1284451	500.0	492.8	
41 cis-1,2-Dichloroethene	96	2.599	2.611	-0.012	91	2957513	500.0	491.3	
43 2-Butanone (MEK)	72	2.636	2.654	-0.018	99	1468864	2500.0	2524.8	
44 Propionitrile	54	2.684	2.690	-0.006	95	3768621	5000.0	5029.4	
45 Ethyl acetate	70	2.715	2.721	-0.006	99	471120	1000.0	1091.4	
46 Chlorobromomethane	128	2.806	2.806	0.000	97	1344859	500.0	492.5	
47 Methacrylonitrile	67	2.818	2.818	0.000	95	10330216	5000.0	5078.9	
48 Tetrahydrofuran	72	2.855	2.867	-0.012	93	671179	1000.0	1000.7	
49 Chloroform	83	2.892	2.898	-0.006	98	4808678	500.0	505.4	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.044	-0.006	94	237270	50.0	51.8	
50 1,1,1-Trichloroethane	97	3.050	3.050	0.000	98	4084076	500.0	511.2	
52 Cyclohexane	84	3.093	3.099	-0.006	96	4585486	500.0	518.6	
53 Carbon tetrachloride	117	3.203	3.209	-0.006	97	3482578	500.0	547.5	
54 1,1-Dichloropropene	75	3.196	3.209	-0.013	94	4054756	500.0	517.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.355	-0.006	0	287558	50.0	51.9	
56 Benzene	78	3.398	3.398	0.000	96	11922557	500.0	484.8	
57 1,2-Dichloroethane	62	3.428	3.434	-0.006	96	3721753	500.0	519.5	
58 Isobutyl alcohol	42	3.465	3.483	-0.018	93	2832765	12500	15001	
59 Tert-amyl methyl ether	73	3.581	3.574	0.007	87	9318799	500.0	496.3	
* 60 Fluorobenzene	96	3.709	3.721	-0.012	95	693601	50.0	50.0	a
61 n-Heptane	43	3.757	3.769	-0.012	98	6126321	500.0	515.3	
62 Trichloroethene	95	4.129	4.141	-0.012	96	2872378	500.0	543.6	
63 n-Butanol	43	4.239	4.263	-0.024	92	1406230	12500	12500	
64 Methylcyclohexane	83	4.355	4.355	0.000	83	6027099	500.0	564.6	
65 Ethyl acrylate	55	4.361	4.355	0.006	96	9509399	500.0	590.7	
66 1,2-Dichloropropane	63	4.397	4.397	0.000	94	3522961	500.0	560.9	
67 Dibromomethane	93	4.538	4.538	0.000	94	1625678	500.0	549.3	
* 68 1,4-Dioxane-d8	96	4.544	4.574	-0.030	0	54847	1000.0	1000.0	
69 1,4-Dioxane	88	4.635	4.653	-0.018	86	655011	10000	7939.0	
70 Methyl methacrylate	100	4.666	4.660	0.006	90	1153385	1000.0	1150.6	
71 Dichlorobromomethane	83	4.788	4.788	0.000	98	3909035	500.0	592.3	
72 2-Nitropropane	41	5.117	5.117	0.000	97	1393251	1000.0	1144.1	
73 2-Chloroethyl vinyl ether	63	5.294	5.294	0.000	93	1276976	501.2	699.4	
74 Epichlorohydrin	57	5.330	5.318	0.012	100	6054607	10000	12906	
75 cis-1,3-Dichloropropene	75	5.434	5.428	0.006	97	5010681	500.0	583.2	
76 4-Methyl-2-pentanone (MIBK)	43	5.739	5.739	0.000	97	17218770	2500.0	2749.2	
$ 77 Toluene-d8 (Surr)	98	5.800	5.800	0.000	92	1008149	50.0	51.1	
78 Toluene	91	5.903	5.897	0.006	93	12622239	500.0	534.7	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	98	4041885	500.0	581.7	
80 1,1,2-Trichloroethane	83	6.604	6.598	0.006	95	1924339	500.0	505.4	
81 Tetrachloroethene	166	6.763	6.757	0.006	96	2691937	500.0	514.2	
82 1,3-Dichloropropane	76	6.860	6.854	0.006	98	3998699	500.0	526.8	
83 2-Hexanone	43	7.147	7.141	0.006	100	10911938	2500.0	2955.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Chlorodibromomethane	129	7.226	7.214	0.012	98	2366659	500.0	574.8	
85 Ethylene Dibromide	107	7.342	7.336	0.006	99	2079749	500.0	541.3	
* 86 Chlorobenzene-d5	117	8.250	8.244	0.006	87	530136	50.0	50.0	
87 Chlorobenzene	112	8.305	8.299	0.006	91	7185452	500.0	530.8	
88 1,1,1,2-Tetrachloroethane	131	8.525	8.525	0.000	96	2585509	500.0	523.8	
89 Ethylbenzene	106	8.604	8.598	0.006	99	4133969	500.0	525.8	
90 m-Xylene & p-Xylene	106	8.848	8.842	0.006	97	5089484	500.0	527.0	
92 o-Xylene	106	9.561	9.555	0.006	92	5141003	500.0	517.7	
93 Styrene	104	9.604	9.598	0.006	94	8288386	500.0	559.6	
91 n-Butyl acrylate	73	9.762	9.768	-0.006	0	1865040	500.0	537.3	
94 Bromoform	173	9.841	9.841	0.000	95	1431340	500.0	601.6	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	87	5564040	500.0	551.3	
96 Isopropylbenzene	105	10.287	10.274	0.013	96	14226168	500.0	548.4	
$ 97 4-Bromofluorobenzene	174	10.488	10.482	0.006	86	257493	50.0	52.5	
98 Bromobenzene	156	10.665	10.664	0.000	95	2784815	500.0	520.9	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	95	750290	500.0	494.7	
100 1,1,2,2-Tetrachloroethane	83	10.890	10.884	0.006	98	3203899	500.0	522.3	
101 trans-1,4-Dichloro-2-butene	53	10.994	10.988	0.006	91	966219	500.0	554.4	
102 N-Propylbenzene	120	11.024	11.018	0.006	99	3642386	500.0	564.1	
103 2-Chlorotoluene	126	11.073	11.061	0.012	98	3089381	500.0	557.8	
104 4-Ethyltoluene	105	11.238	11.231	0.007	98	12778201	500.0	556.0	
105 4-Chlorotoluene	91	11.280	11.268	0.012	98	11123802	500.0	567.5	
106 1,3,5-Trimethylbenzene	105	11.366	11.359	0.007	92	12161766	500.0	588.6	
107 tert-Butylbenzene	119	11.914	11.902	0.012	92	9785353	500.0	594.3	
108 1,2,4-Trimethylbenzene	105	12.012	12.000	0.012	98	12121500	500.0	578.6	
109 sec-Butylbenzene	105	12.353	12.341	0.012	99	16036832	500.0	600.2	
110 1,3-Dichlorobenzene	146	12.439	12.432	0.007	94	5489453	500.0	528.9	
* 111 1,4-Dichlorobenzene-d4	152	12.597	12.591	0.006	96	272705	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.640	12.634	0.006	93	5493901	500.0	523.7	
113 4-Isopropyltoluene	119	12.701	12.688	0.013	97	13410557	500.0	606.4	
114 1,2,3-Trimethylbenzene	105	12.792	12.780	0.012	99	12440621	500.0	575.4	
115 Benzyl chloride	126	12.902	12.896	0.006	98	958741	500.0	576.5	
116 2,3-Dihydroindene	117	13.018	13.012	0.006	94	11252419	500.0	560.8	
117 1,2-Dichlorobenzene	146	13.140	13.133	0.007	95	6032001	500.0	545.8	
118 p-Diethylbenzene	119	13.219	13.213	0.006	91	6917442	500.0	600.1	
119 n-Butylbenzene	92	13.237	13.231	0.006	97	8286588	500.0	625.6	eM
120 1,2-Dibromo-3-Chloropropane	157	13.889	13.889	0.000	90	594331	500.0	558.5	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	96	10925688	500.0	512.4	e
122 1,3,5-Trichlorobenzene	180	14.060	14.054	0.006	97	4771844	500.0	534.3	
123 1,2,4-Trichlorobenzene	180	14.493	14.493	0.000	94	4475080	500.0	586.1	
124 Hexachlorobutadiene	225	14.627	14.627	0.000	96	2622308	500.0	597.6	
125 Naphthalene	128	14.639	14.639	0.000	97	9302635	500.0	520.5	e
126 1,2,3-Trichlorobenzene	180	14.804	14.798	0.006	95	4319801	500.0	567.6	
S 127 1,2-Dichloroethene, Total	100				0		1000.0	1019.7	
S 128 1,3-Dichloropropene, Total	100				0		1000.0	1164.9	
S 129 Xylenes, Total	100				0		1000.0	1044.7	
S 130 Total BTEX	1				0		2500.0	2590.0	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00110	Amount Added:	6.00	Units: uL	
GAS Hi_00368	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	5.00	Units: uL	
MIX I Hi_00128	Amount Added:	5.00	Units: uL	
Ethanol mix_00043	Amount Added:	5.00	Units: uL	
8FreonHi_00022	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

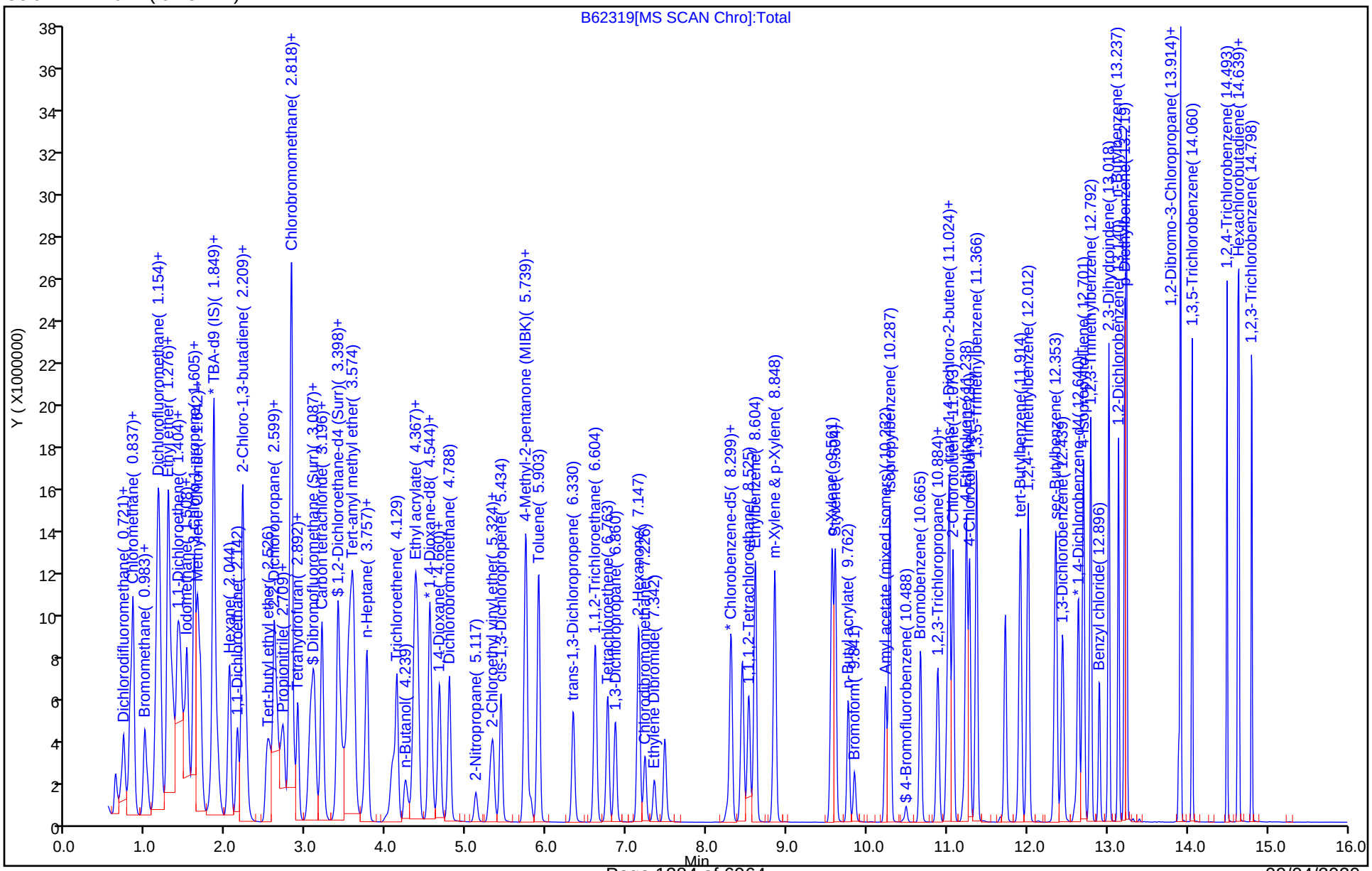
Report Date: 19-Aug-2020 10:56:38 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Injection Date:	18-Aug-2020 12:20:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

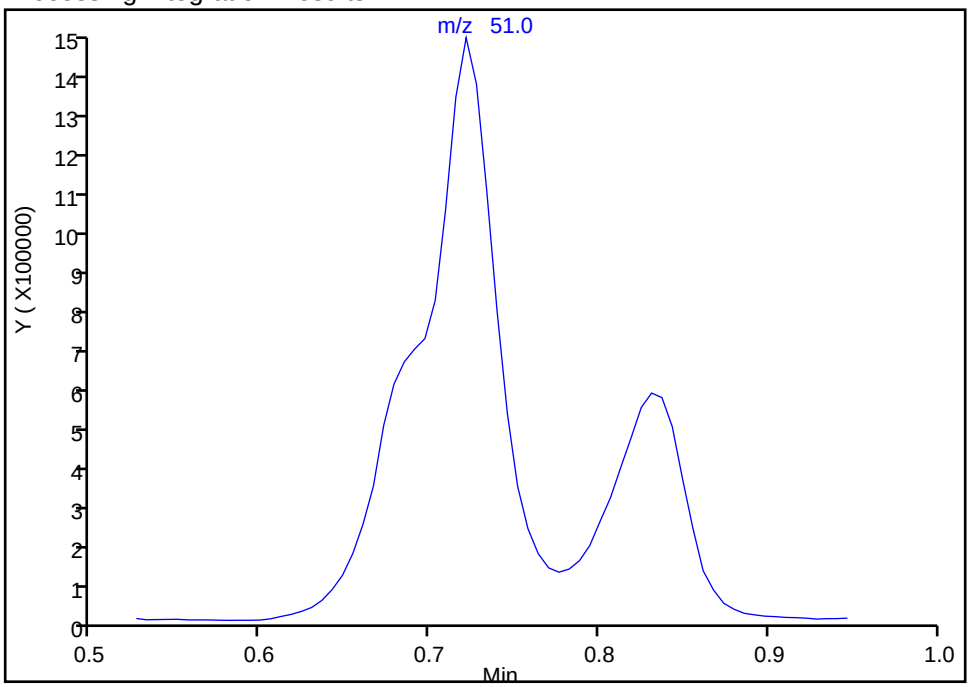
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

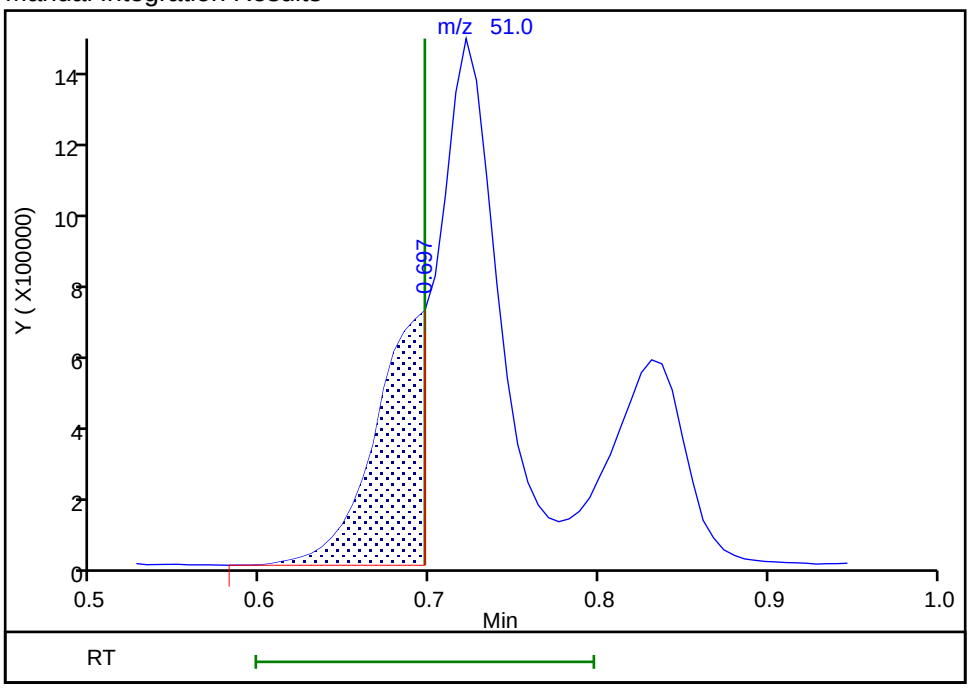
Not Detected
Expected RT: 0.70

Processing Integration Results



Manual Integration Results

RT: 0.70
Area: 1473264
Amount: 236.9319
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:09
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

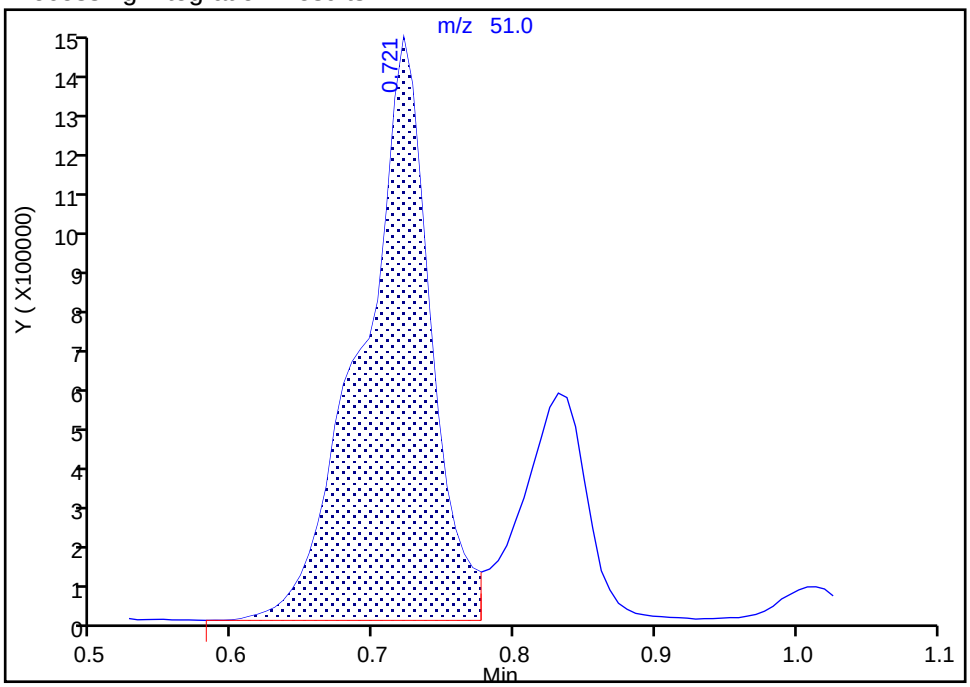
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

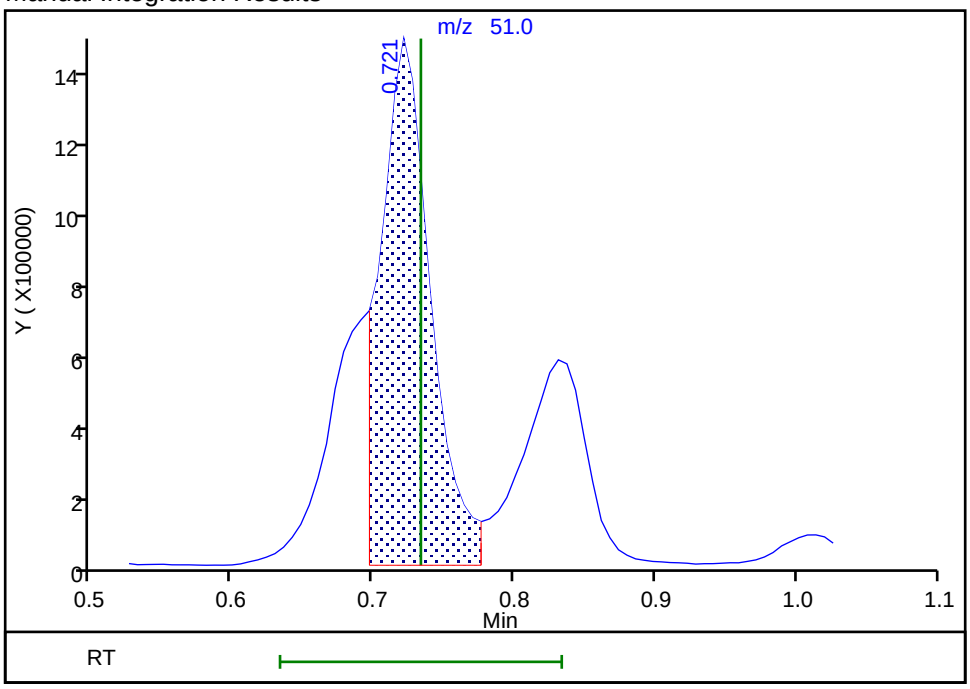
Processing Integration Results

RT: 0.72
Area: 4747641
Amount: 501.3266
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 3522898
Amount: 333.0669
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:17
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

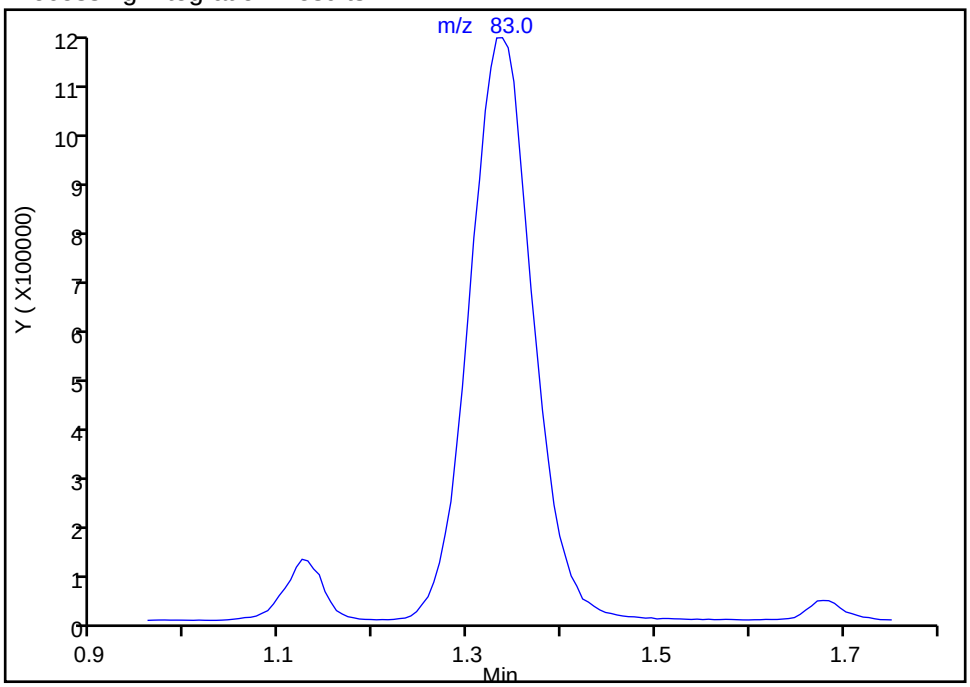
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

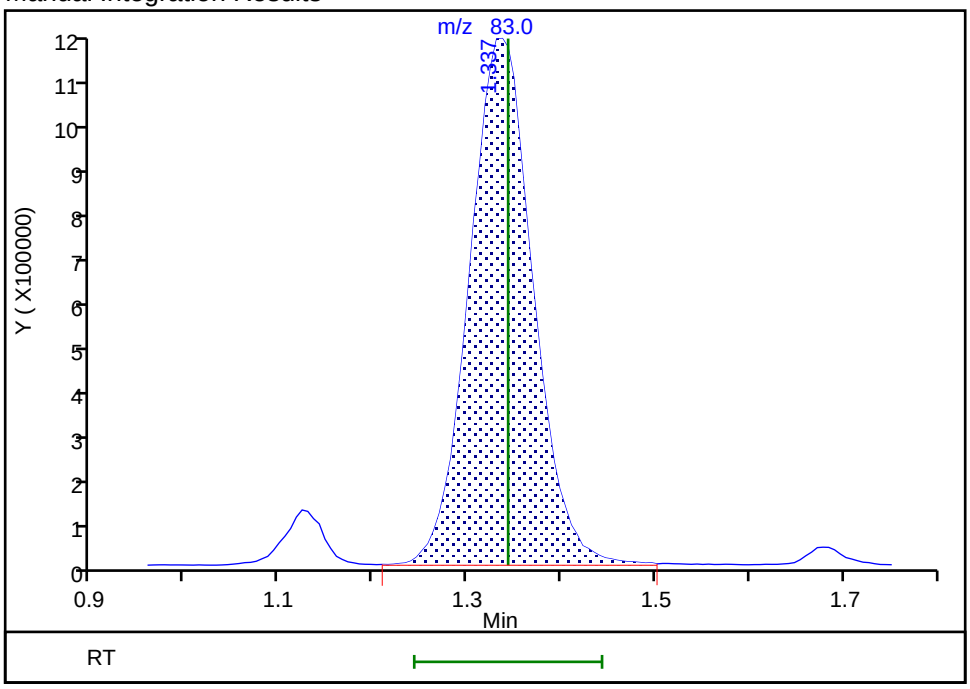
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 5324573
Amount: 506.0157
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:25
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

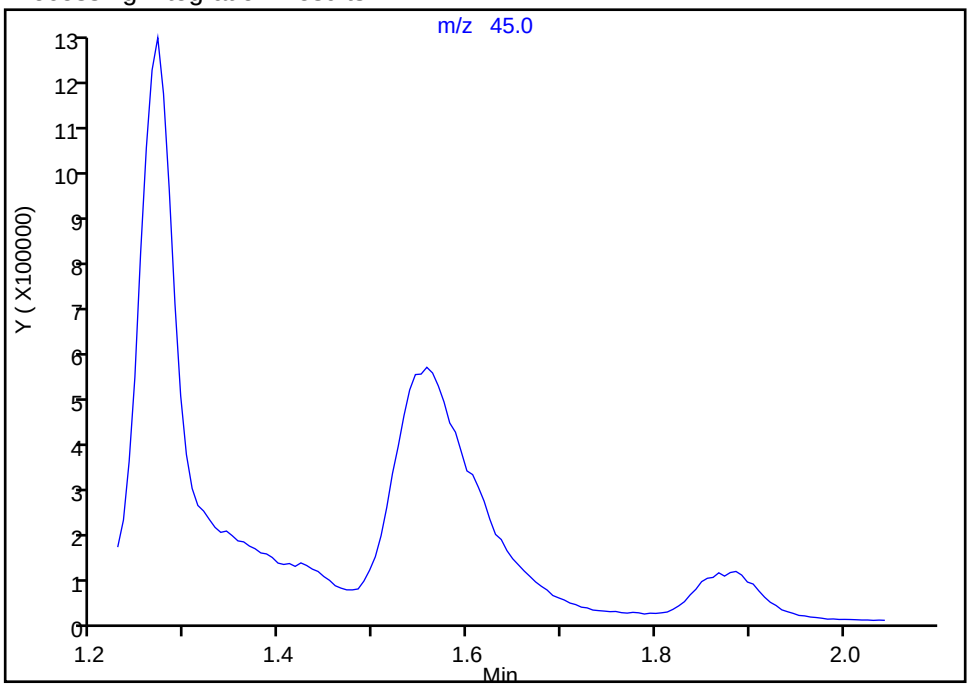
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

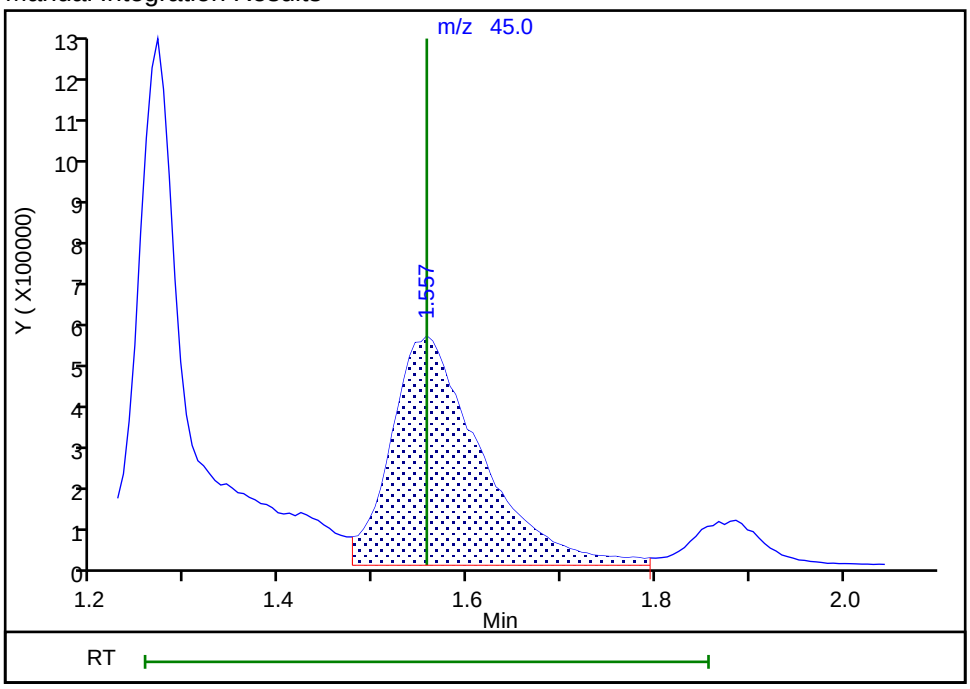
Not Detected
Expected RT: 1.56

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 3501901
Amount: 6148.5214
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:32
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

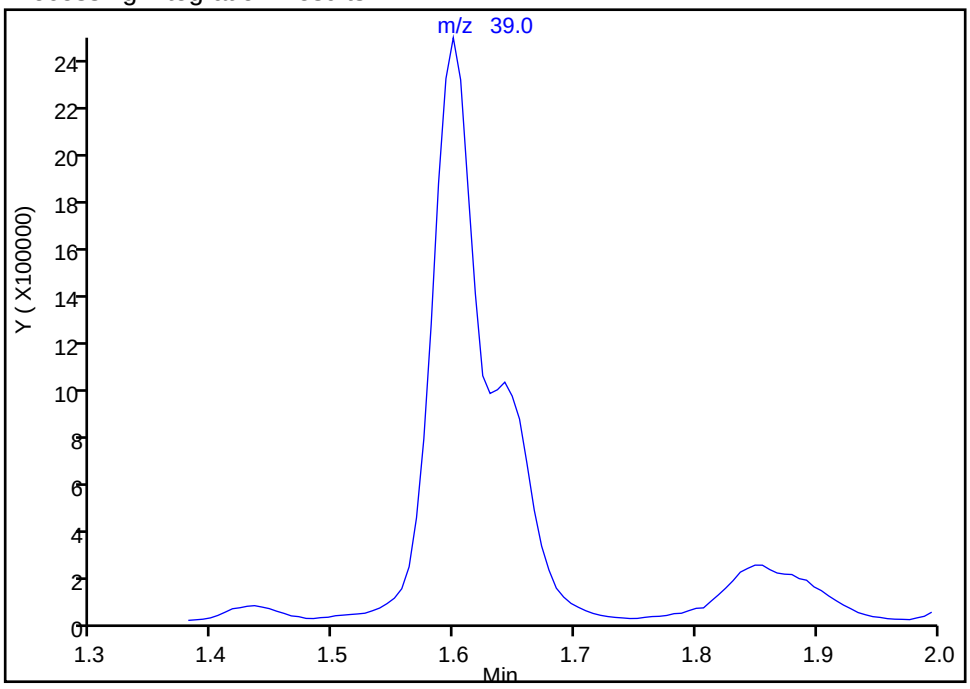
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

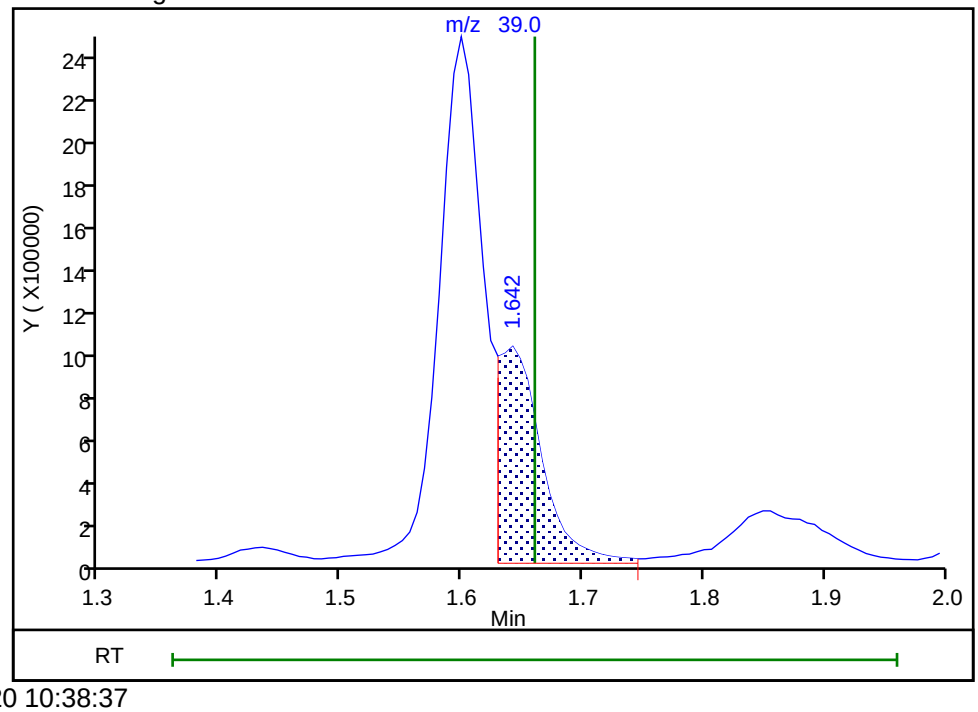
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.64
Area: 2589469
Amount: 5040.1730
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:37
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

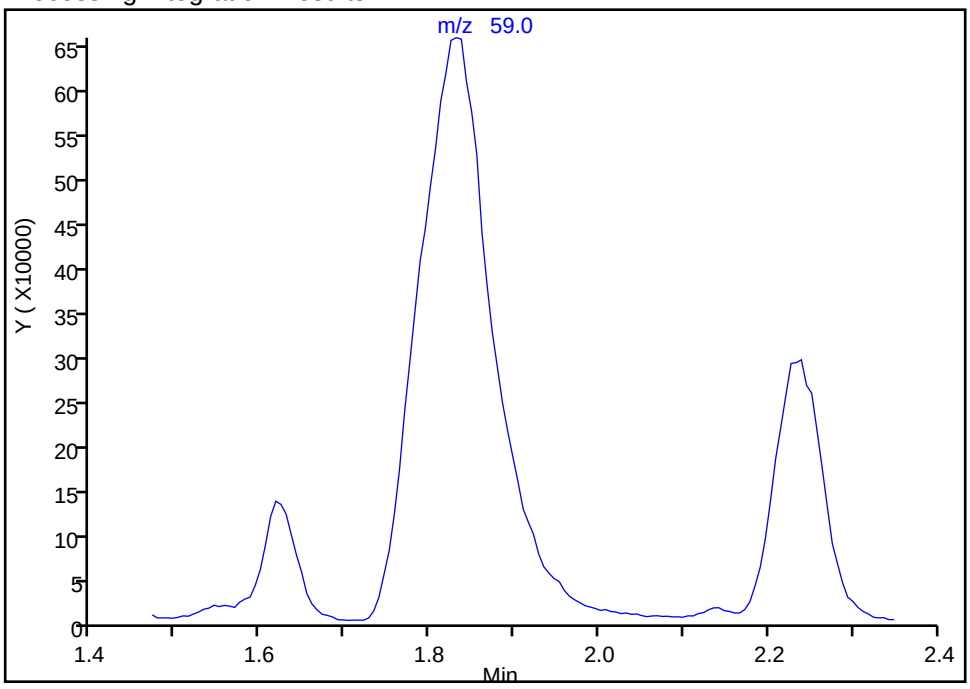
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

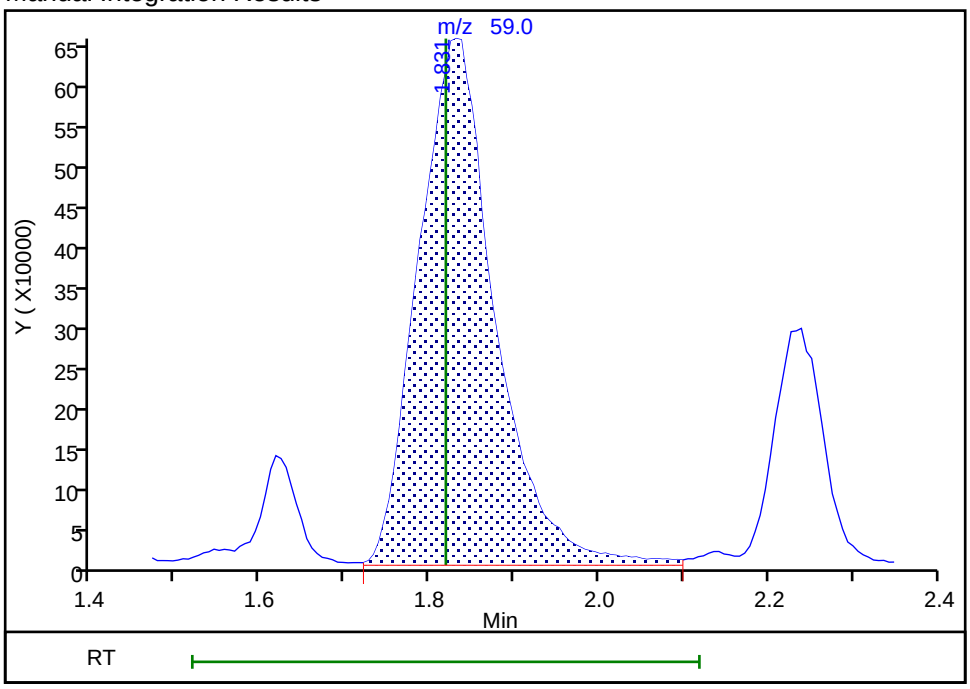
Not Detected
Expected RT: 1.82

Processing Integration Results



Manual Integration Results

RT: 1.83
Area: 4103392
Amount: 4836.2786
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:42
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

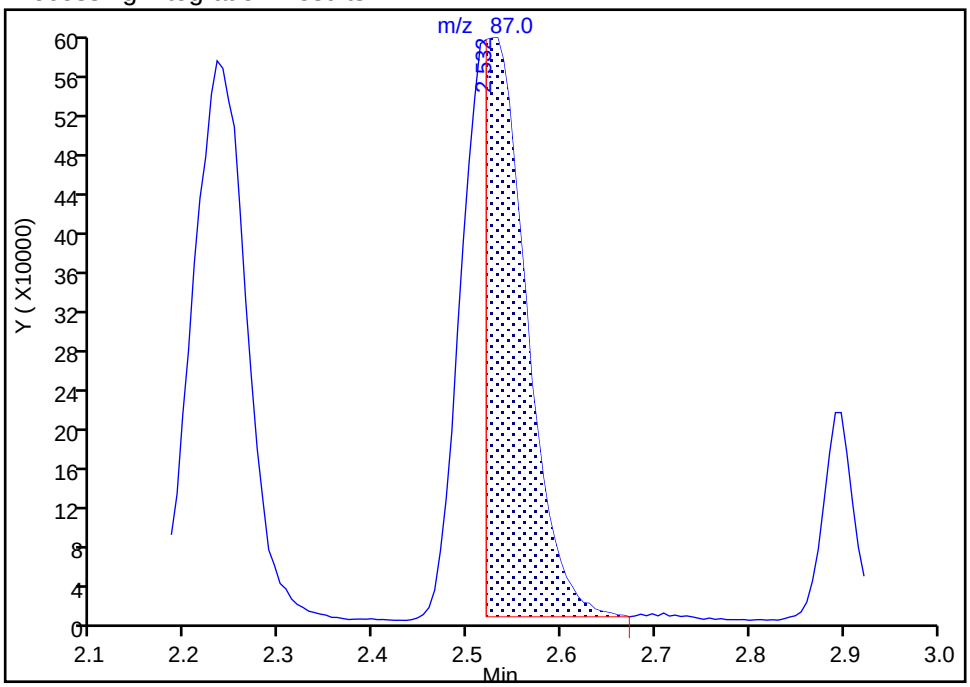
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D		
Injection Date:	18-Aug-2020 12:20:30	Instrument ID:	CVOAMS2
Lims ID:	STD500		
Client ID:			
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

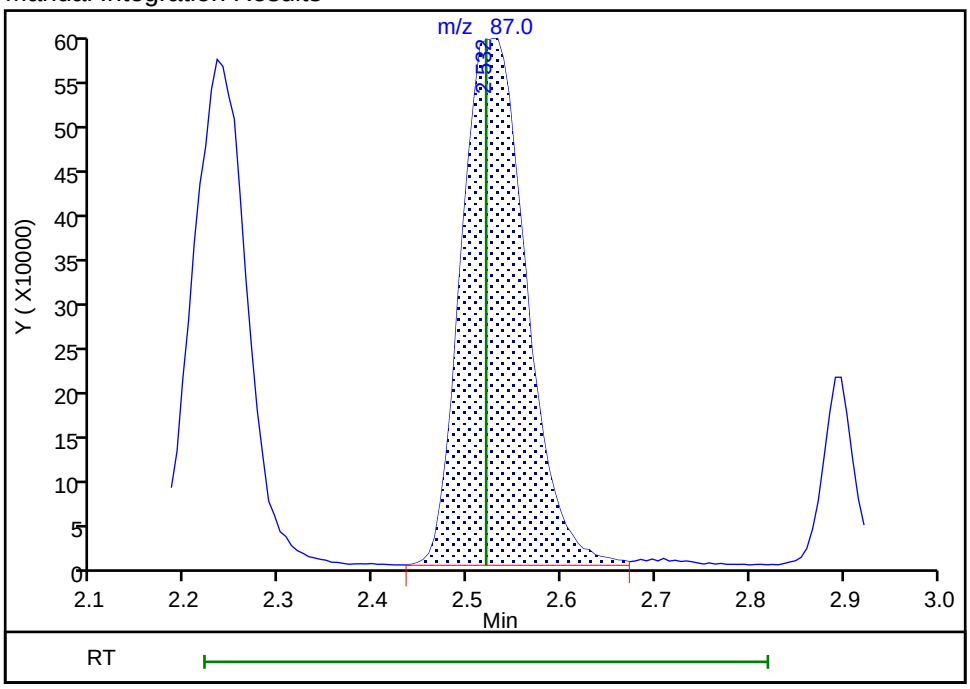
Processing Integration Results

RT: 2.53
Area: 1810878
Amount: 501.7671
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 2833643
Amount: 458.7996
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:38:57

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

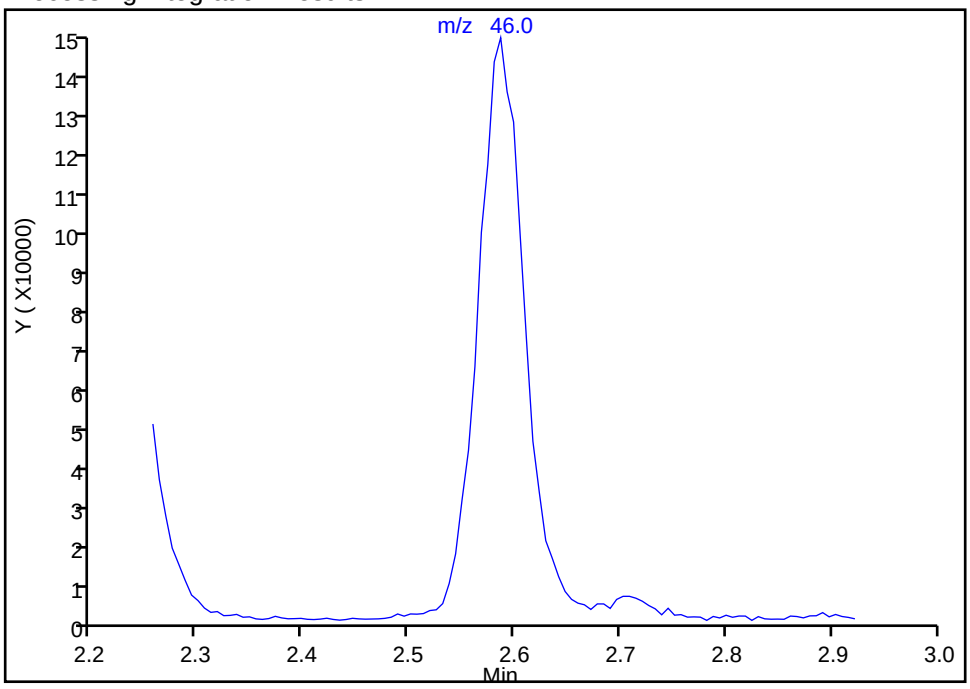
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

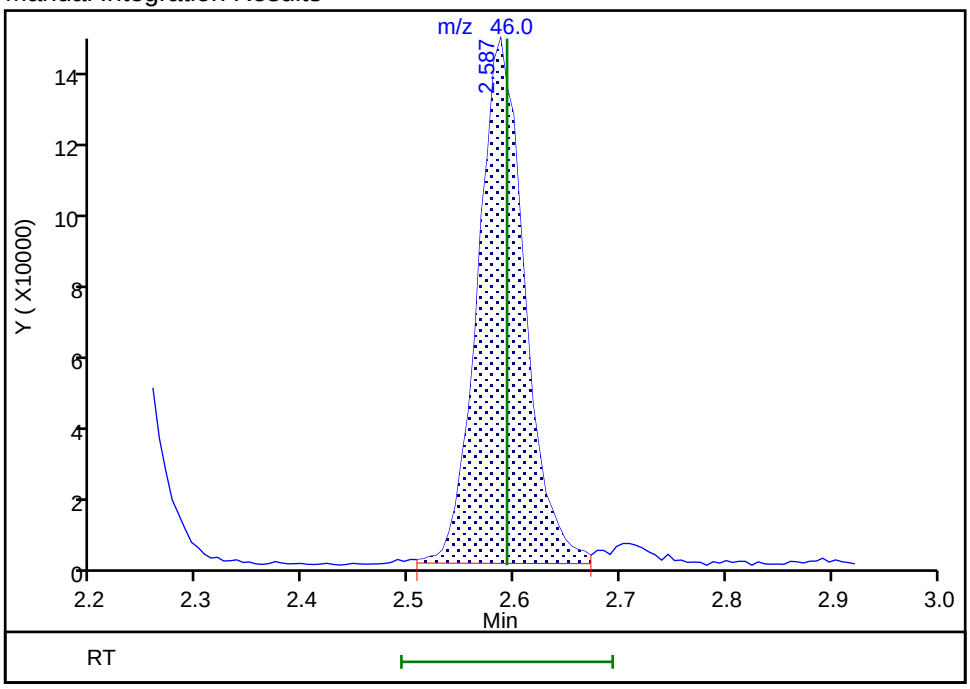
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 437286
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:37:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

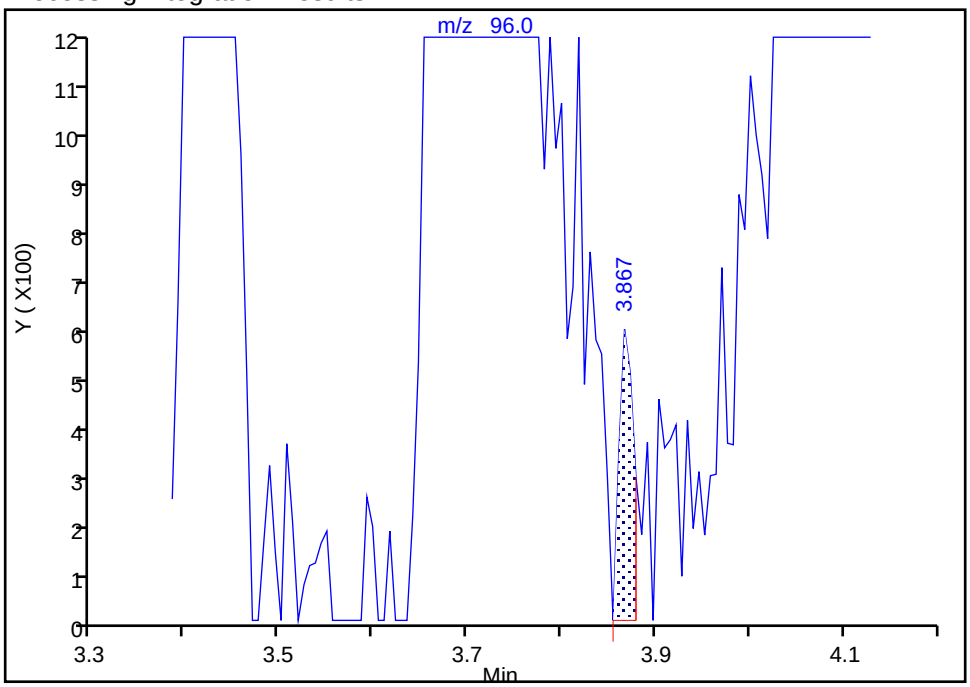
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

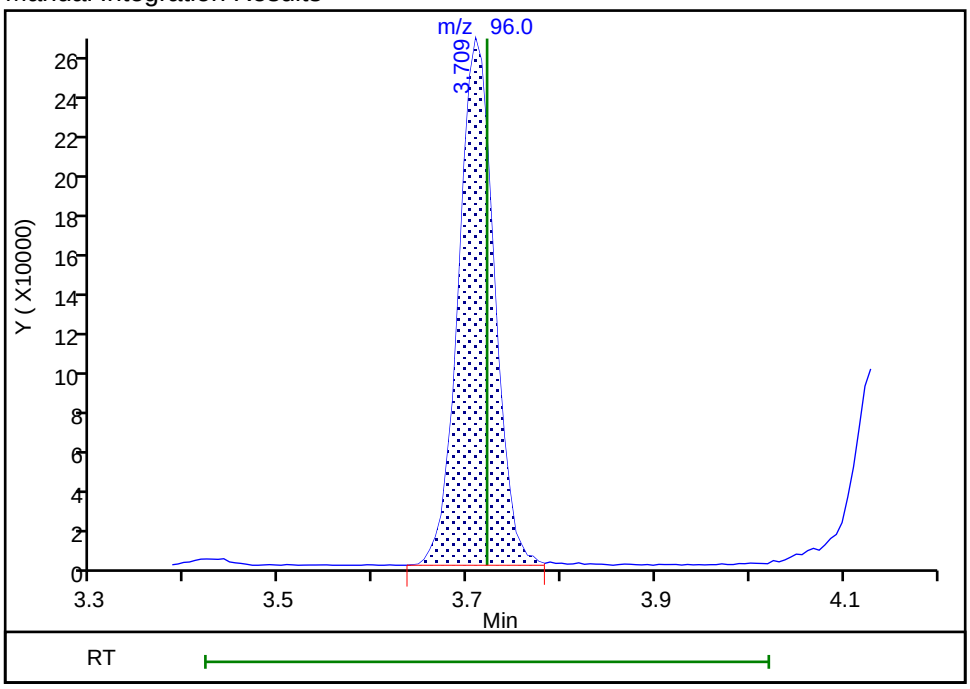
Processing Integration Results

RT: 3.87
Area: 613
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.71
Area: 693601
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:37:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

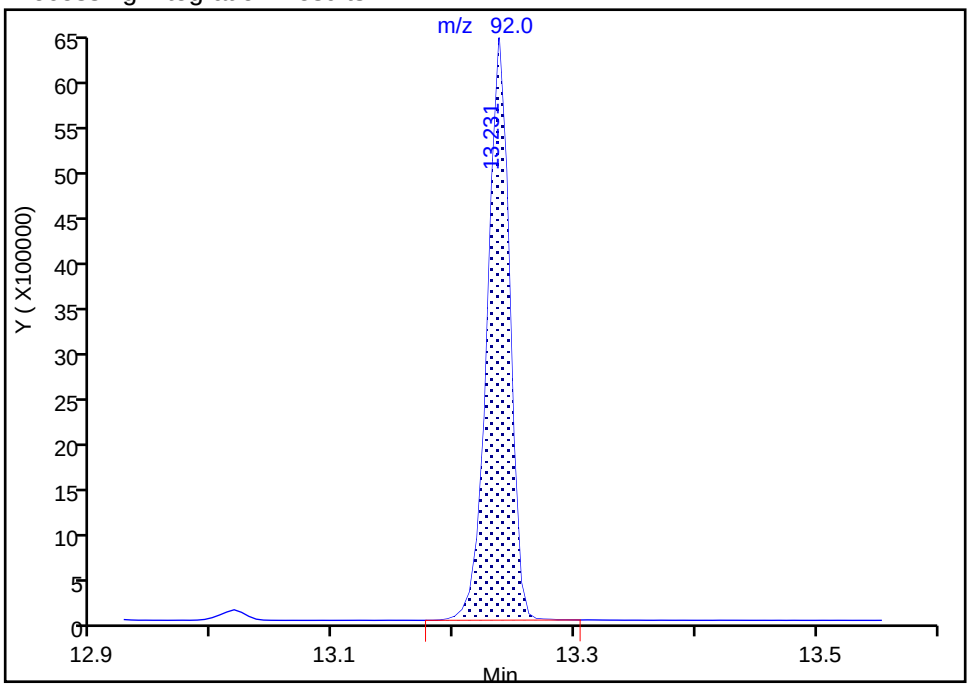
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D
Injection Date: 18-Aug-2020 12:20:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 n-Butylbenzene, CAS: 104-51-8

Signal: 1

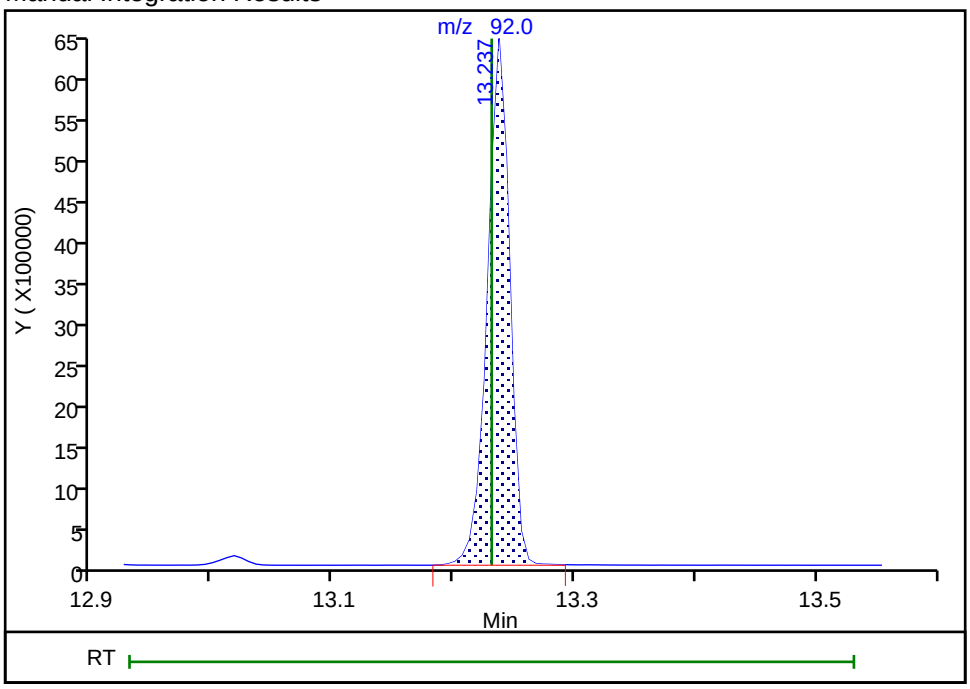
Processing Integration Results

RT: 13.23
Area: 8274416
Amount: 624.8536
Amount Units: ug/l



Manual Integration Results

RT: 13.24
Area: 8286588
Amount: 625.5811
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 10:39:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-711297/4	D70136.D
Level 2	STD5 460-711297/5	D70137.D
Level 3	STD20 460-711297/6	D70138.D
Level 4	STD50 460-711297/7	D70139.D
Level 5	STD200 460-711297/8	D70140.D
Level 6	STD500 460-711297/9	D70141.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.0693 0.0682	0.0863	0.0778	0.0721	0.0776	Ave		0.0752				9.0		20.0			
Chlorotrifluoroethene	0.1668 0.2113	0.2554	0.2333	0.2203	0.2388	Ave		0.2210				13.9		20.0			
1,1-Difluoroethane	0.2496 0.2427	0.3105	0.2771	0.2579	0.2651	Ave		0.2671				9.1		20.0			
Dichlorodifluoromethane	0.7996 0.7121	0.9701	0.9296	0.8688	0.7983	Ave		0.8464			0.1000	11.2		20.0			
Chlorodifluoromethane	0.5332 0.5519	0.7218	0.6565	0.6109	0.6129	Ave		0.6145				11.2		20.0			
Chloromethane	0.7804 0.5500	0.7893	0.7439	0.6835	0.5974	Ave		0.6908			0.1000	14.4		20.0			
Vinyl chloride	0.7039 0.6021	0.8676	0.8419	0.7771	0.6858	Ave		0.7464			0.1000	13.5		20.0			
Butadiene	0.6377 0.5552	0.8324	0.7803	0.7269	0.6346	Ave		0.6945				14.9		20.0			
Bromomethane	0.3300 0.0840	0.3122	0.1851	0.0962	0.1118	QuaF		0.1278	-0.000087		0.1000				0.9970		0.9900
Chloroethane	0.3453 +++++	0.4112	0.3627	0.2741	0.2760	Ave		0.3339			0.1000	17.6		20.0			
Trichlorofluoromethane	0.6466 0.6564	0.8249	0.8128	0.7601	0.7204	Ave		0.7369			0.1000	10.3		20.0			
Dichlorofluoromethane	0.7064 0.6892	0.8353	0.8013	0.7652	0.7436	Ave		0.7568				7.4		20.0			
Pentane	0.1071 0.0788	0.0925	0.0863	0.0852	0.0849	Ave		0.0891				11.0		20.0			
Ethanol	0.0628 0.0604	0.0634	0.0573	0.0544	0.0532	Ave		0.0586				7.3		20.0			
Ethyl ether	0.2881 0.2920	0.3058	0.2869	0.2940	0.2959	Ave		0.2938				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	0.3234 0.3756	0.3991	0.3824	0.3898	0.3923	Ave		0.3771				7.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2883 0.3182	0.4040	0.3652	0.3508	0.3434	Ave		0.3450				11.5		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4258 0.5481	0.6365	0.5746	0.5649	0.5766	Ave		0.5544				12.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3816 0.4337	0.4633	0.4330	0.4481	0.4355	Ave		0.4325			0.1000	6.4		20.0			
Acrolein	1.2479 1.5550	0.9856	1.2280	1.2706	1.2921	Ave		1.2632				14.4		20.0			
1,1-Dichloroethene	0.3548 0.3691	0.4012	0.3799	0.3897	0.3807	Ave		0.3792			0.1000	4.2		20.0			
Acetone	1.2928 0.8792	1.0256	0.9263	0.9113	1.0307	Lin2	1.8049	0.9342			0.0500				0.9960		0.9900
Iodomethane	0.2875 0.4518	0.4177	0.4971	0.5517	0.5327	Lin2	-0.224	0.5040							0.9930		0.9900
Carbon disulfide	1.1892 1.2843	1.3651	1.3184	1.3717	1.3518	Ave		1.3134			0.1000	5.3		20.0			
Isopropyl alcohol	0.9524 0.7445	0.7587	0.6833	0.6926	0.6843	Ave		0.7526				13.7		20.0			
Allyl chloride	0.2210 0.2231	0.2303	0.2166	0.2321	0.2245	Ave		0.2246				2.6		20.0			
Cyclopentene	0.8571 0.8890	0.9762	0.9291	0.9684	0.9792	Ave		0.9332				5.5		20.0			
Methyl acetate	0.2280 0.2239	0.2088	0.2051	0.2141	0.2211	Ave		0.2169			0.1000	4.1		20.0			
Acetonitrile	0.6082 0.6745	0.5556	0.5627	0.5911	0.5996	Ave		0.5986				7.1		20.0			
Methylene Chloride	0.4454 0.3793	0.3955	0.3736	0.3844	0.3800	Ave		0.3930			0.1000	6.8		20.0			
2-Methyl-2-propanol	1.7305 1.2253	1.2663	1.1849	1.1850	1.1728	Ave		1.2941				16.7		20.0			
Methyl tert-butyl ether	0.9331 0.9811	0.9427	0.9233	0.9653	0.9664	Ave		0.9520			0.1000	2.3		20.0			
trans-1,2-Dichloroethene	0.3707 0.3945	0.3903	0.3837	0.3944	0.3954	Ave		0.3882			0.1000	2.5		20.0			
Acrylonitrile	3.2017 3.8167	3.1371	3.0327	3.2688	3.3280	Ave		3.2975				8.3		20.0			
Hexane	0.5043 0.6123	0.5713	0.5703	0.5929	0.5968	Ave		0.5746				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	0.9461 1.0199	0.9592	0.9426	0.9873	1.0037	Ave		0.9765				3.3		20.0			
1,1-Dichloroethane	0.5897 0.6619	0.6416	0.6132	0.6429	0.6468	Ave		0.6327			0.2000	4.2		20.0			
Vinyl acetate	0.0678 0.0778	0.0686	0.0651	0.0683	0.0734	Ave		0.0702				6.6		20.0			
2-Chloro-1,3-butadiene	0.3096 0.3654	0.3472	0.3402	0.3587	0.3755	Ave		0.3494				6.6		20.0			
Tert-butyl ethyl ether	0.8693 0.9548	0.9062	0.9146	0.9536	0.9528	Ave		0.9252				3.8		20.0			
2,2-Dichloropropane	0.1926 0.1715	0.1781	0.1646	0.1691	0.1678	Ave		0.1739				5.8		20.0			
cis-1,2-Dichloroethene	0.3730 0.3937	0.3872	0.3760	0.3856	0.3852	Ave		0.3834			0.1000	2.0		20.0			
2-Butanone (MEK)	0.4522 0.3774	0.3752	0.3577	0.3713	0.3915	Ave		0.3875			0.0500	8.6		20.0			
Ethyl acetate	0.3747 0.3413	0.3053	0.3075	0.3277	0.3330	Ave		0.3316				7.7		20.0			
Methyl acrylate	0.2340 0.2463	0.2282	0.2267	0.2338	0.2412	Ave		0.2350				3.2		20.0			
Propionitrile	0.4009 0.3723	0.3868	0.3765	0.3810	0.3771	Ave		0.3824				2.7		20.0			
Tetrahydrofuran	0.4166 0.3961	0.4054	0.3780	0.3882	0.3977	Ave		0.3970				3.4		20.0			
Chlorobromomethane	0.1663 0.1786	0.1799	0.1723	0.1800	0.1768	Ave		0.1757				3.1		20.0			
Methacrylonitrile	0.1185 0.1262	0.1138	0.1128	0.1194	0.1300	Ave		0.1201				5.7		20.0			
Chloroform	0.5521 0.6374	0.5858	0.5645	0.6068	0.6393	Ave		0.5977			0.2000	6.1		20.0			
Cyclohexane	0.5086 0.5822	0.5466	0.5249	0.5532	0.5694	Ave		0.5475			0.1000	5.0		20.0			
1,1,1-Trichloroethane	0.4732 0.5770	0.5110	0.5081	0.5385	0.5594	Ave		0.5279			0.1000	7.2		20.0			
Carbon tetrachloride	0.3893 0.5138	0.4471	0.4505	0.4847	0.4973	Ave		0.4638			0.1000	9.7		20.0			
1,1-Dichloropropene	0.4304 0.5181	0.4783	0.4640	0.4874	0.4965	Ave		0.4791				6.3		20.0			
Isobutyl alcohol	0.5465 0.9420	0.6306	0.6272	0.6782	0.7508	Ave		0.6959				19.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.8573 1.9031	1.9156	1.9162	1.9816	2.0193	Ave		1.9322			0.5000	3.0		20.0			
Tert-amyl methyl ether	0.2462 0.3131	0.2555	0.2731	0.2873	0.3093	Ave		0.2807				9.8		20.0			
Isopropyl acetate	0.6702 0.9629	0.7767	0.7859	0.8351	0.9217	Ave		0.8254				12.9		20.0			
1,2-Dichloroethane	0.3893 0.4510	0.3808	0.3790	0.3989	0.4341	Ave		0.4055			0.1000	7.4		20.0			
n-Heptane	0.4477 0.5906	0.5043	0.4830	0.5050	0.5507	Ave		0.5135				9.8		20.0			
n-Butanol	0.2571 0.3538	0.2747	0.2479	0.2672	0.2840	Ave		0.2808				13.5		20.0			
Trichloroethene	0.2999 0.3802	0.3317	0.3250	0.3466	0.3543	Ave		0.3396			0.2000	8.1		20.0			
Methylcyclohexane	0.5363 0.6775	0.5811	0.5899	0.6137	0.6338	Ave		0.6054			0.1000	8.0		20.0			
Ethyl acrylate	0.3303 0.4221	0.3312	0.3477	0.3644	0.3871	Ave		0.3638				9.8		20.0			
1,2-Dichloropropane	0.2681 0.3389	0.3010	0.2841	0.3035	0.3185	Ave		0.3023			0.1000	8.3		20.0			
Methyl methacrylate	0.0762 0.0846	0.0751	0.0748	0.0781	0.0823	Ave		0.0785				5.2		20.0			
1,4-Dioxane	1.2974 1.1159	1.2162	1.3320	1.3766	1.2617	Ave		1.2666				7.3		20.0			
Dibromomethane	0.1824 0.2009	0.1786	0.1772	0.1899	0.2052	Ave		0.1890				6.2		20.0			
n-Propyl acetate	0.3280 0.3958	0.3256	0.3311	0.3460	0.3776	Ave		0.3507				8.4		20.0			
Dichlorobromomethane	0.3894 0.4423	0.3750	0.3729	0.3963	0.4174	Ave		0.3989			0.2000	6.7		20.0			
2-Nitropropane	0.0797 0.0708	0.0615	0.0605	0.0632	0.0672	Ave		0.0672				10.8		20.0			
2-Chloroethyl vinyl ether	0.1471 0.1683	0.1473	0.1468	0.1532	0.1605	Ave		0.1539				5.8		20.0			
Epichlorohydrin	0.2325 0.2570	0.2436	0.2419	0.2515	0.2573	Ave		0.2473				3.9		20.0			
cis-1,3-Dichloropropene	0.6323 0.7358	0.6815	0.6908	0.7064	0.7198	Ave		0.6944			0.2000	5.2		20.0			
4-Methyl-2-pentanone (MIBK)	2.1131 2.4961	2.1263	2.1976	2.3212	2.4827	Ave		2.2895			0.0500	7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	2.0327 1.8382	1.9068	1.8927	1.9414	1.9760	Ave		1.9313			0.4000	3.5		20.0			
trans-1,3-Dichloropropene	0.5727 0.6458	0.5865	0.6003	0.6246	0.6396	Ave		0.6116			0.1000	4.8		20.0			
Ethyl methacrylate	0.3043 0.3708	0.3058	0.3099	0.3209	0.3450	Ave		0.3261				8.2		20.0			
1,1,2-Trichloroethane	0.2971 0.3210	0.3064	0.2972	0.3128	0.3125	Ave		0.3079			0.1000	3.1		20.0			
Tetrachloroethene	0.4452 0.5262	0.5264	0.5235	0.5391	0.5349	Ave		0.5159			0.2000	6.8		20.0			
1,3-Dichloropropane	0.5800 0.6006	0.5741	0.5738	0.5899	0.5940	Ave		0.5854				1.9		20.0			
2-Hexanone	1.5377 1.7595	1.4584	1.5009	1.5684	1.7377	Ave		1.5938			0.0500	7.9		20.0			
n-Butyl acetate	0.0936 0.1008	0.0982	0.0967	0.0968	0.1019	Ave		0.0980				3.1		20.0			
Chlorodibromomethane	0.3827 0.4684	0.4059	0.4202	0.4403	0.4661	Ave		0.4306			0.1000	7.9		20.0			
Ethylene Dibromide	0.3290 0.3642	0.3524	0.3638	0.3728	0.3687	Ave		0.3585			0.1000	4.5		20.0			
Chlorobenzene	1.1233 1.1791	1.1686	1.1610	1.1849	1.2213	Ave		1.1730			0.5000	2.7		20.0			
Ethylbenzene	0.6281 0.6695	0.6385	0.6255	0.6520	0.6999	Ave		0.6523			0.1000	4.4		20.0			
1,1,1,2-Tetrachloroethane	0.3656 0.4575	0.3979	0.4151	0.4399	0.4760	Ave		0.4253				9.5		20.0			
m-Xylene & p-Xylene	0.7298 0.7905	0.7746	0.7677	0.7964	0.8280	Ave		0.7812			0.1000	4.2		20.0			
n-Butyl acrylate	0.3032 0.2799	0.2545	0.2586	0.2734	0.2789	Ave		0.2747				6.4		20.0			
o-Xylene	0.6544 0.7634	0.7239	0.7191	0.7590	0.7994	Ave		0.7365			0.3000	6.8		20.0			
Styrene	1.1538 1.2849	1.2138	1.2373	1.3118	1.4131	Ave		1.2691			0.3000	7.1		20.0			
Amyl acetate (mixed isomers)	1.0728 1.1149	1.0044	0.9708	1.0003	1.0483	Ave		1.0353				5.2		20.0			
Bromoform	0.2439 0.3213	0.2593	0.2800	0.3017	0.3264	Ave		0.2888			0.1000	11.6		20.0			
Isopropylbenzene	1.6705 1.8376	1.8814	1.9200	2.0213	2.1032	Ave		1.9057			0.1000	7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	0.9416 0.9623	0.9705	0.9264	0.9253	0.9228	Ave		0.9415				2.2		20.0			
1,1,2,2-Tetrachloroethane	0.8231 0.9322	0.8309	0.7840	0.8031	0.8473	Ave		0.8368			0.3000	6.2		20.0			
N-Propylbenzene	4.0735 4.1938	4.4139	4.3055	4.4265	4.5964	Ave		4.3349				4.3		20.0			
1,2,3-Trichloropropane	0.2355 0.2710	0.2443	0.2258	0.2368	0.2509	Ave		0.2440				6.4		20.0			
trans-1,4-Dichloro-2-butene	0.2375 0.2795	0.2267	0.2318	0.2345	0.2551	Ave		0.2442				8.1		20.0			
4-Ethyltoluene	3.4266 3.4354	3.7384	3.5578	3.7219	3.9243	Ave		3.6341				5.4		20.0			
2-Chlorotoluene	2.6597 3.0738	2.8329	2.7824	2.9383	3.2281	Ave		2.9192				7.1		20.0			
1,3,5-Trimethylbenzene	2.7777 3.1659	3.0469	2.9366	3.0577	3.2284	Ave		3.0355				5.3		20.0			
4-Chlorotoluene	2.4817 2.7160	2.6298	2.5027	2.6113	2.7608	Ave		2.6170				4.3		20.0			
Butyl Methacrylate	0.8895 1.0847	0.9354	0.9385	0.9888	1.0588	Ave		0.9826				7.8		20.0			
tert-Butylbenzene	2.2715 2.7288	2.6405	2.5960	2.7091	2.7845	Ave		2.6217				7.0		20.0			
1,2,4-Trimethylbenzene	2.7361 3.0821	2.9918	2.9134	3.0331	3.2066	Ave		2.9939				5.3		20.0			
sec-Butylbenzene	3.6564 3.8260	4.0374	3.9711	4.1314	4.2670	Ave		3.9815				5.5		20.0			
4-Isopropyltoluene	2.9825 3.3590	3.4050	3.3275	3.4728	3.6401	Ave		3.3645				6.5		20.0			
1,3-Dichlorobenzene	1.6620 1.8030	1.7837	1.7233	1.8005	1.8796	Ave		1.7753			0.6000	4.2		20.0			
1,4-Dichlorobenzene	1.7478 1.7243	1.8008	1.7595	1.8333	1.8796	Ave		1.7909			0.5000	3.3		20.0			
1,2,3-Trimethylbenzene	2.9559 3.1165	3.0822	3.0056	3.2153	3.4320	Ave		3.1346				5.5		20.0			
Benzyl chloride	0.3064 0.3411	0.3111	0.3119	0.3331	0.3378	Ave		0.3236				4.8		20.0			
Indan	1.0165 1.2095	1.0861	1.1238	1.2276	1.3427	Ave		1.1677				9.9		20.0			
p-Diethylbenzene	1.7692 2.0529	1.9695	1.9467	2.0273	2.1081	Ave		1.9790				6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	1.5228 2.0171	1.7789	1.7517	1.8843	2.0143	Ave		1.8282				10.2		20.0			
1,2-Dichlorobenzene	1.6362 1.7401	1.6995	1.6461	1.7070	1.7456	Ave		1.6958			0.4000	2.7		20.0			
1,2,4,5-Tetramethylbenzene	2.7182 3.0609	2.9592	2.9209	2.9658	3.0851	Ave		2.9517				4.4		20.0			
1,2-Dibromo-3-Chloropropane	0.1800 0.2073	0.1784	0.1756	0.1795	0.1873	Ave		0.1847			0.0500	6.4		20.0			
1,3,5-Trichlorobenzene	1.3522 1.3939	1.3652	1.3418	1.3221	1.3146	Ave		1.3483				2.2		20.0			
1,2,4-Trichlorobenzene	1.1410 1.2327	1.2039	1.1517	1.1175	1.0966	Ave		1.1572			0.2000	4.5		20.0			
Hexachlorobutadiene	0.6326 0.7748	0.6905	0.6885	0.6733	0.6762	Ave		0.6893				6.8		20.0			
Naphthalene	2.8050 2.6397	2.6474	2.5324	2.4726	2.4184	Ave		2.5859				5.4		20.0			
1,2,3-Trichlorobenzene	1.0915 1.1534	1.1241	1.0677	1.0548	1.0178	Ave		1.0849				4.5		20.0			
Dibromofluoromethane (Surr)	0.3099 0.3079	0.3079	0.3055	0.3091	0.3144	Ave		0.3091				1.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2819 0.3285	0.2749	0.2838	0.2936	0.3323	Ave		0.2992				8.3		20.0			
Toluene-d8 (Surr)	1.4668 1.4272	1.4718	1.4723	1.4649	1.4616	Ave		1.4608				1.2		20.0			
4-Bromofluorobenzene	0.9178 0.8146	0.9222	0.8958	0.8559	0.8059	Ave		0.8687				5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-711297/4	D70136.D
Level 2	STD5 460-711297/5	D70137.D
Level 3	STD20 460-711297/6	D70138.D
Level 4	STD50 460-711297/7	D70139.D
Level 5	STD200 460-711297/8	D70140.D
Level 6	STD500 460-711297/9	D70141.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	813 609492	5145	19155	47269	239509	1.00 500	5.00	20.0	50.0	200
Chlorotrifluoroethene	FB	Ave	1957 1887821	15225	57405	144350	737132	1.00 500	5.00	20.0	50.0	200
1,1-Difluoroethane	FB	Ave	2929 2168045	18509	68177	168997	818434	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	9384 6360773	57835	228739	569367	2464374	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	6258 4929768	43031	161551	400356	1892151	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9159 4912510	47058	183051	447967	1844419	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	8261 5378112	51722	207160	509282	2117101	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	7484 4958874	49627	192008	476412	1959209	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	3873 750685	18610	45549	63024	345032	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4052 +++++	24517	89248	179621	852052	1.00 +++++	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	7589 5863321	49180	199992	498172	2223866	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	8290 6156071	49798	197159	501483	2295492	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	2513 1407913	11024	42449	111726	524384	2.00 1000	10.0	40.0	100	400
Ethanol	TBAd 9	Ave	953 597245	4840	17946	43829	205665	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	3381 2607894	18232	70605	192668	913556	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3796 3355144	23794	94101	255436	1211130	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3384 2842256	24085	89853	229883	1060187	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	4997 4896212	37949	141391	370230	1779955	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4478 3873893	27623	106547	293685	1344579	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	47315 461439	75275	144177	204597	312176	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4164 3296992	23918	93489	255415	1175274	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Lin2	7176 3925145	29006	107976	280434	1530630	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Lin2	3374 4035749	24903	122326	361556	1644596	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13956 11471644	81383	324400	898973	4173297	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	3611 1840981	14487	53482	139414	661322	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	2594 1992999	13727	53305	152118	693178	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	10059 7940600	58201	228613	634665	3022879	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	5351 4000198	24899	100959	280623	1365450	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	2306 1668083	10608	44046	118973	579467	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	5227 3388297	23576	91939	251948	1173019	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	6561 3029964	24179	92743	238505	1133429	10.0 5000	50.0	200	500	2000
Methyl tert-butyl ether	FB	Ave	10951 8763459	56203	227194	632631	2983376	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4350 3523681	23266	94411	258498	1220653	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBAd9	Ave	12139 9438266	59901	237370	657930	3216318	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	5918 5469236	34057	140342	388555	1842395	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	11104 9110382	57184	231948	647033	3098459	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6921 5912071	38251	150883	421340	1996786	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Vinyl acetate	FB	Ave	1591 1390362	8182	32046	89571	452914	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	3634 3263456	20702	83700	235091	1159150	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	10202 8528900	54023	225043	624958	2941560	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2260 1532118	10616	40514	110840	517883	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4378 3516663	23081	92510	252681	1189301	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2510 1684647	10612	41698	114268	581335	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	832 609536	3454	14337	40335	197800	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2746 2199898	13603	55781	153219	744483	1.00 500	5.00	20.0	50.0	200
Propionitrile	BUT	Ave	4450 3324294	21880	87789	234524	1119890	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	925 707289	4586	17624	47788	236237	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	1952 1594964	10723	42394	117997	545880	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	13906 11275913	67858	277618	782443	4014154	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	6480 5693640	34924	138897	397703	1973620	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5969 5200596	32585	129165	362530	1757734	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5554 5154102	30462	125021	352889	1727014	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4569 4589392	26654	110858	317657	1535369	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5051 4627469	28518	114179	319449	1532806	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	5180 5823820	30103	122730	341275	1813936	25.0 12500	125	500	1250	5000
Benzene	CBNZd5	Ave	14383 12420542	74838	309800	867425	4329045	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	2889 2796430	15233	67192	188287	954743	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	7865 8601205	46304	193371	547296	2845366	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	4569 4028633	22700	93246	261408	1340255	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	5254 5275395	30063	118842	330963	1700201	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	2437 2187377	13113	48515	134457	686213	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	3520 3395902	19773	79971	227122	1093673	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	6294 6051946	34644	145160	402169	1956695	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3876 3770526	19745	85566	238824	1195154	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3146 3027583	17944	69898	198888	983290	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1789 1511206	8950	36815	102338	508288	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	740 672186	3525	16070	43521	217634	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	2141 1794275	10648	43600	124453	633545	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	3849 3535486	19413	81465	226736	1165696	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4570 3950337	22359	91752	259726	1288593	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1871 1265702	7334	29784	82793	414871	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1730 1506574	8801	36207	100674	496624	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	5162 4588716	27553	112789	309525	1528392	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	4897 4802505	26624	111688	309217	1543060	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	11729 11143414	60133	256176	714307	3686935	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	15742 11996748	74497	306001	849825	4236051	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	4435 4214562	22914	97058	273429	1371123	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3571 3312159	18230	76259	210283	1065012	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2301 2095102	11970	48055	136947	669964	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	3448 3434045	20566	84645	235992	1146689	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	4492 3919966	22429	92765	258210	1273431	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	8535 7854761	41245	174969	482648	2580500	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBNZ d5	Ave	725 657941	3838	15634	42382	218495	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBNZ d5	Ave	2964 3056901	15857	67930	192759	999140	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2548 2377267	13769	58823	163210	790418	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	8699 7695709	45654	187706	518694	2618325	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4864 4369590	24946	101132	285428	1500449	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2831 2985997	15547	67111	192563	1020458	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	5652 5159127	30261	124119	348630	1775080	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	2348 1826493	9943	41802	119696	597910	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	5068 4982558	28283	116254	332255	1713719	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	8935 8386013	47422	200037	574256	3029395	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	4201 3773072	19997	84122	241946	1260624	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	1889 2096826	10129	45266	132084	699645	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	12937 11993206	73503	310418	884831	4508944	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	3687 3256543	19322	80273	223803	1109618	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3223 3154788	16543	67939	194249	1018889	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	15951 14192219	87875	373093	1070654	5527172	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	922 916948	4863	19568	57268	301703	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	930 945707	4514	20086	56728	306705	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Ethyltoluene	DCBd 4	Ave	13418 11625975	74426	308298	900224	4719030	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	10415 10401980	56400	241107	710699	3881802	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	10877 10713965	60659	254472	739573	3882159	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	9718 9191233	52355	216870	631603	3319846	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	3483 3670890	18623	81326	239173	1273248	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	8895 9234780	52568	224951	655264	3348366	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	10714 10430359	59563	252456	733630	3855991	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	14318 12947715	80378	344112	999286	5131072	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	11679 11367280	67788	288341	839981	4377316	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	6508 6101542	35511	149328	435482	2260189	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	6844 5835346	35851	152471	443434	2260250	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	11575 10546493	61362	260449	777698	4127008	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	1200 1154381	6194	27027	80574	406170	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	11930 10803347	64748	276538	804545	4145064	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	6928 6947370	39210	168694	490345	2535067	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	5963 6826056	35416	151795	455754	2422245	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	6407 5888883	33835	142644	412874	2099086	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	10644 10358624	58914	253109	717356	3709846	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	705 701521	3552	15214	43421	225225	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	5295 4717287	27179	116269	319777	1580769	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	4468 4171763	23968	99804	270286	1318705	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 711297

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/25/2020 06:29 Calibration End Date: 07/25/2020 08:48 Calibration ID: 81138

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCBd 4	Ave	2477 2622024	13747	59661	162855	813122	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	10984 8932940	52707	219441	598050	2908204	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	4274 3903286	22379	92522	255134	1223906	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	181838 274996	183553	187902	202594	242679	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	165417 293438	163894	174574	192389	256497	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	567947 931453	575011	595068	641269	783324	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	179702 275665	183597	194068	207028	242279	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 25-Jul-2020 06:29:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0113878-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:00:34 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: tupayachia Date: 25-Jul-2020 08:55:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	88	813	1.00	0.9209	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	83	1957	1.00	0.7546	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	94	2929	1.00	0.9343	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	9384	1.00	0.9447	
5 Chlorodifluoromethane	51	1.406	1.406	0.000	96	6258	1.00	0.8677	
6 Chloromethane	50	1.571	1.571	0.000	99	9159	1.00	1.13	
8 Vinyl chloride	62	1.662	1.662	0.000	97	8261	1.00	0.9431	
7 Butadiene	54	1.693	1.693	0.000	96	7484	1.00	0.9182	
9 Bromomethane	94	1.992	1.985	0.007	97	3873	1.00	2.59	
10 Chloroethane	64	2.089	2.089	0.000	99	4052	1.00	1.03	M
13 Trichlorofluoromethane	101	2.302	2.296	0.006	97	7589	1.00	0.8775	
11 Dichlorofluoromethane	67	2.302	2.302	0.000	98	8290	1.00	0.9334	
12 Pentane	72	2.357	2.357	0.000	96	2513	2.00	2.40	
15 Ethanol	46	2.571	2.577	-0.006	96	953	40.0	42.9	
14 Ethyl ether	59	2.595	2.595	0.000	88	3381	1.00	0.9806	
16 2-Methyl-1,3-butadiene	53	2.607	2.607	0.000	96	3796	1.00	0.8577	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	96	3384	1.00	0.8358	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.729	2.729	0.000	94	4997	1.00	0.7680	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	96	4478	1.00	0.8821	
19 Acrolein	56	2.790	2.790	0.000	96	47315	100.0	98.8	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	4164	1.00	0.9356	
22 Acetone	43	2.943	2.943	0.000	88	7176	5.00	4.99	
23 Iodomethane	142	2.985	2.985	0.000	99	3374	1.00	1.01	
24 Carbon disulfide	76	3.016	3.016	0.000	99	13956	1.00	0.9054	
25 Isopropyl alcohol	45	3.071	3.071	0.000	97	3611	10.0	12.7	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	87	2594	1.00	0.9840	
28 Cyclopentene	67	3.217	3.217	0.000	95	10059	1.00	0.9185	
27 Methyl acetate	43	3.235	3.229	0.006	97	5351	2.00	2.10	
29 Acetonitrile	40	3.290	3.290	0.000	97	2306	10.0	10.2	
30 Methylene Chloride	84	3.351	3.351	0.000	94	5227	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.375	-0.006	0	379141	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	97	6561	10.0	13.4	a
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	96	10951	1.00	0.9802	
34 trans-1,2-Dichloroethene	96	3.577	3.577	0.000	94	4350	1.00	0.9549	
35 Acrylonitrile	53	3.674	3.674	0.000	93	12139	10.0	9.71	
36 Hexane	57	3.772	3.766	0.006	91	5918	1.00	0.8775	
37 Isopropyl ether	45	4.034	4.034	0.000	95	11104	1.00	0.9689	
38 1,1-Dichloroethane	63	4.058	4.058	0.000	99	6921	1.00	0.9321	
39 Vinyl acetate	86	4.095	4.095	0.000	99	1591	2.00	1.93	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	90	3634	1.00	0.8861	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	91	10202	1.00	0.9396	
43 2,2-Dichloropropane	79	4.650	4.643	0.007	60	2260	1.00	1.11	a
* 42 2-Butanone-d5	46	4.650	4.656	-0.006	60	277532	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	93	4378	1.00	0.9729	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	99	2510	5.00	5.83	
46 Ethyl acetate	70	4.741	4.741	0.000	95	832	2.00	2.26	
47 Methyl acrylate	55	4.796	4.796	0.000	99	2746	1.00	1.00	
48 Propionitrile	54	4.881	4.875	0.006	99	4450	10.0	10.5	
50 Tetrahydrofuran	72	4.967	4.960	0.007	58	925	2.00	2.10	
49 Chlorobromomethane	128	4.961	4.960	0.000	80	1952	1.00	0.9469	a
51 Methacrylonitrile	67	5.003	5.003	0.000	91	13906	10.0	9.86	
52 Chloroform	83	5.040	5.040	0.000	98	6480	1.00	0.9238	
53 Cyclohexane	84	5.168	5.168	0.000	85	5969	1.00	0.9290	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	97	5554	1.00	0.8965	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	181838	50.0	50.1	
56 Carbon tetrachloride	117	5.338	5.332	0.006	97	4569	1.00	0.8394	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	98	5051	1.00	0.8983	
58 Isobutyl alcohol	43	5.588	5.588	0.000	93	5180	25.0	19.6	
59 Benzene	78	5.619	5.619	0.000	94	14383	1.00	0.9612	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	97	165417	50.0	47.1	
61 Tert-amyl methyl ether	87	5.723	5.723	0.000	90	2889	1.00	0.8769	
62 Isopropyl acetate	43	5.729	5.729	0.000	97	7865	1.00	0.8119	
63 1,2-Dichloroethane	62	5.741	5.741	0.000	95	4569	1.00	0.9601	
64 n-Heptane	43	5.838	5.838	0.000	78	5254	1.00	0.8718	a
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	586801	50.0	50.0	
66 n-Butanol	56	6.411	6.411	0.000	84	2437	25.0	22.9	
67 Trichloroethene	95	6.418	6.418	0.000	95	3520	1.00	0.8832	
68 Methylcyclohexane	83	6.558	6.558	0.000	89	6294	1.00	0.8859	
69 Ethyl acrylate	55	6.607	6.600	0.007	95	3876	1.00	0.9078	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	88	3146	1.00	0.8866	
* 71 1,4-Dioxane-d8	96	6.850	6.850	0.000	0	28518	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	81	1789	2.00	1.94	
73 1,4-Dioxane	88	6.911	6.917	-0.006	35	740	20.0	20.5	
74 Dibromomethane	93	6.924	6.924	0.000	95	2141	1.00	0.9651	
75 n-Propyl acetate	43	6.966	6.960	0.006	96	3849	1.00	0.9352	
76 Dichlorobromomethane	83	7.100	7.100	0.000	98	4570	1.00	0.9762	
77 2-Nitropropane	41	7.442	7.442	0.000	74	1871	2.00	2.37	a
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	91	1730	1.00	0.9581	
79 Epichlorohydrin	57	7.551	7.551	0.000	98	5162	20.0	18.8	
80 cis-1,3-Dichloropropene	75	7.600	7.600	0.000	90	4897	1.00	0.9106	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	96	11729	5.00	4.61	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	567947	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.887	0.000	92	15742	1.00	1.05	
84 trans-1,3-Dichloropropene	75	8.198	8.192	0.006	95	4435	1.00	0.9364	
85 Ethyl methacrylate	69	8.222	8.222	0.000	82	3571	1.00	0.9331	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	95	2301	1.00	0.9652	
87 Tetrachloroethene	166	8.387	8.393	-0.006	95	3448	1.00	0.8630	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	90	4492	1.00	0.99	
89 2-Hexanone	43	8.570	8.570	0.000	96	8535	5.00	4.82	
90 n-Butyl acetate	73	8.655	8.655	0.000	93	725	1.00	0.9551	
91 Chlorodibromomethane	129	8.698	8.691	0.007	97	2964	1.00	0.8889	
92 Ethylene Dibromide	107	8.807	8.801	0.006	98	2548	1.00	0.9177	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	85	387210	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	96	8699	1.00	0.9576	
95 Ethylbenzene	106	9.271	9.271	0.000	97	4864	1.00	0.9629	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	95	2831	1.00	0.8595	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	99	5652	1.00	0.9343	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	2348	1.00	1.10	
99 o-Xylene	106	9.697	9.697	0.000	93	5068	1.00	0.8885	
100 Styrene	104	9.722	9.722	0.000	96	8935	1.00	0.9091	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	4201	1.00	1.04	
102 Bromoform	173	9.899	9.899	0.000	96	1889	1.00	0.8447	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	12937	1.00	0.8766	
$ 104 4-Bromofluorobenzene	174	10.142	10.142	0.000	0	179702	50.0	52.8	
105 Bromobenzene	156	10.258	10.258	0.000	91	3687	1.00	1.00	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.001	97	3223	1.00	0.9836	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	15951	1.00	0.9397	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	95	922	1.00	0.9649	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	78	930	1.00	0.9726	
111 2-Chlorotoluene	91	10.392	10.386	0.006	96	10415	1.00	0.9111	
110 4-Ethyltoluene	105	10.386	10.386	0.000	98	13418	1.00	0.9429	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	10877	1.00	0.9151	
113 4-Chlorotoluene	91	10.478	10.478	0.000	96	9718	1.00	0.9483	
114 Butyl Methacrylate	87	10.496	10.496	0.000	86	3483	1.00	0.9052	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	8895	1.00	0.8664	
116 1,2,4-Trimethylbenzene	105	10.715	10.715	0.000	96	10714	1.00	0.9139	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	14318	1.00	0.9183	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	11679	1.00	0.8865	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	6508	1.00	0.9362	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	94	195792	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	93	6844	1.00	0.9759	
122 1,2,3-Trimethylbenzene	105	11.033	11.032	0.000	98	11575	1.00	0.9430	a
123 Benzyl chloride	126	11.130	11.130	0.000	98	1200	1.00	0.9471	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	11930	1.00	0.8705	
125 p-Diethylbenzene	119	11.209	11.209	0.000	93	6928	1.00	0.8940	a
126 n-Butylbenzene	92	11.234	11.228	0.006	98	5963	1.00	0.8330	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	95	6407	1.00	0.9649	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	10644	1.00	0.9209	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	87	705	1.00	0.9748	
130 1,3,5-Trichlorobenzene	180	12.044	12.044	0.000	95	5295	1.00	1.00	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	4468	1.00	0.9860	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	94	2477	1.00	0.9177	
133 Naphthalene	128	12.922	12.922	0.000	98	10984	1.00	1.08	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	4274	1.00	1.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		2.00	1.93	
S 136 1,3-Dichloropropene, Total	100				0		2.00	1.85	
S 137 Xylenes, Total	100				0		2.00	1.82	
S 138 Total BTEX	1				0		5.00	4.80	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00109	Amount Added:	10.00	Units: uL	
GASES Li_00378	Amount Added:	1.00	Units: uL	
524freon_00025	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00120	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Jul-2020 01:00:36 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D

Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4 Operator ID:

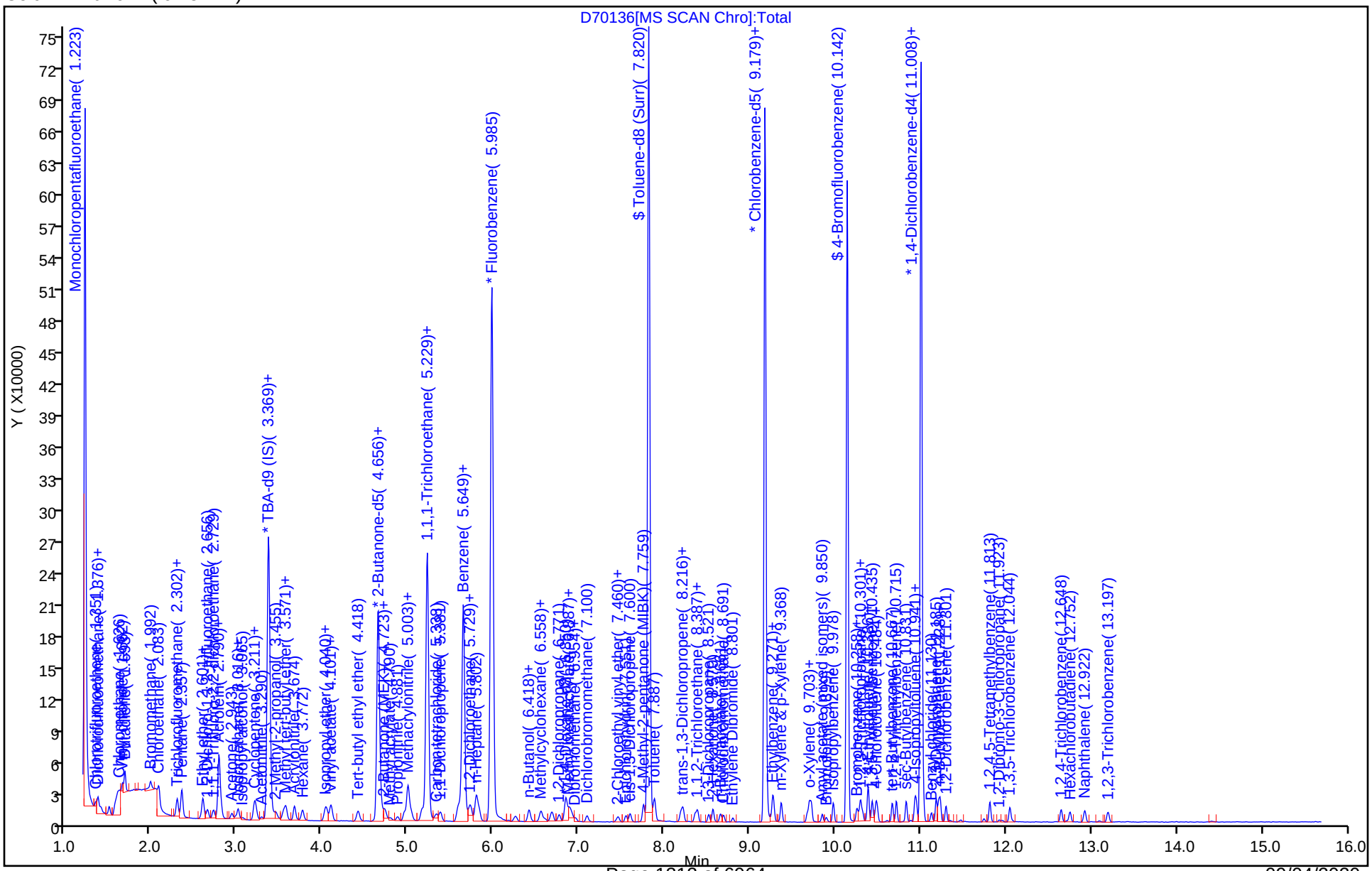
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

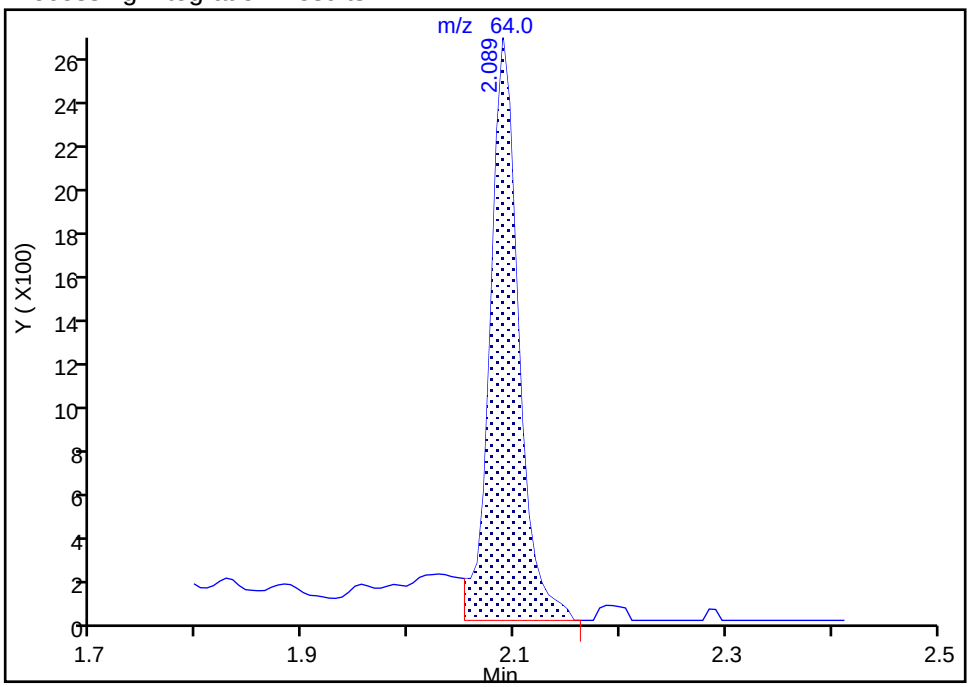
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

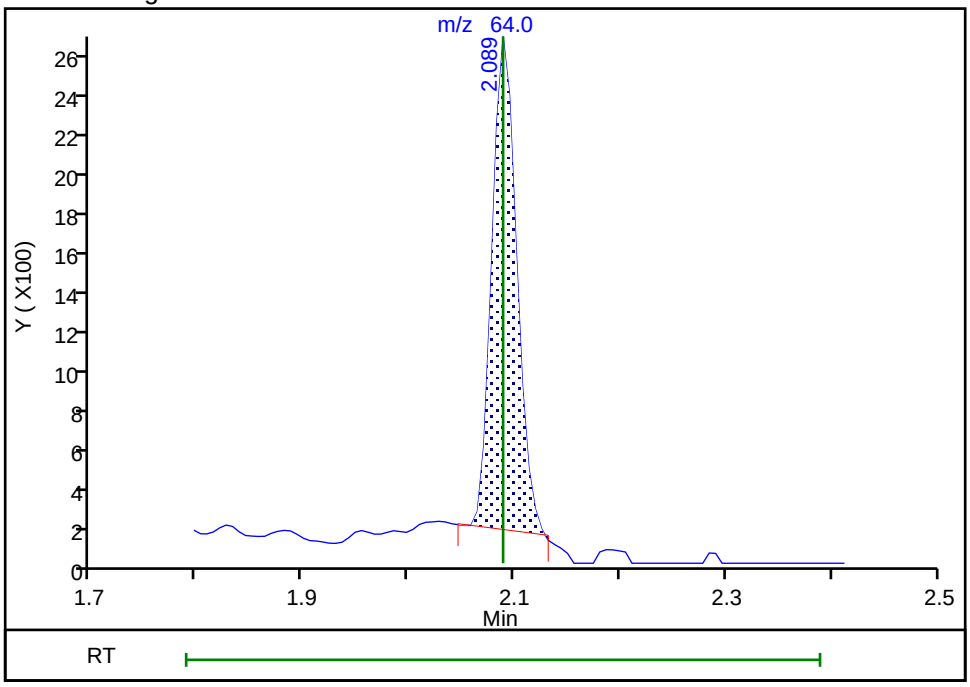
Processing Integration Results

RT: 2.09
Area: 5002
Amount: 1.210652
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 4052
Amount: 1.034165
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 00:20:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

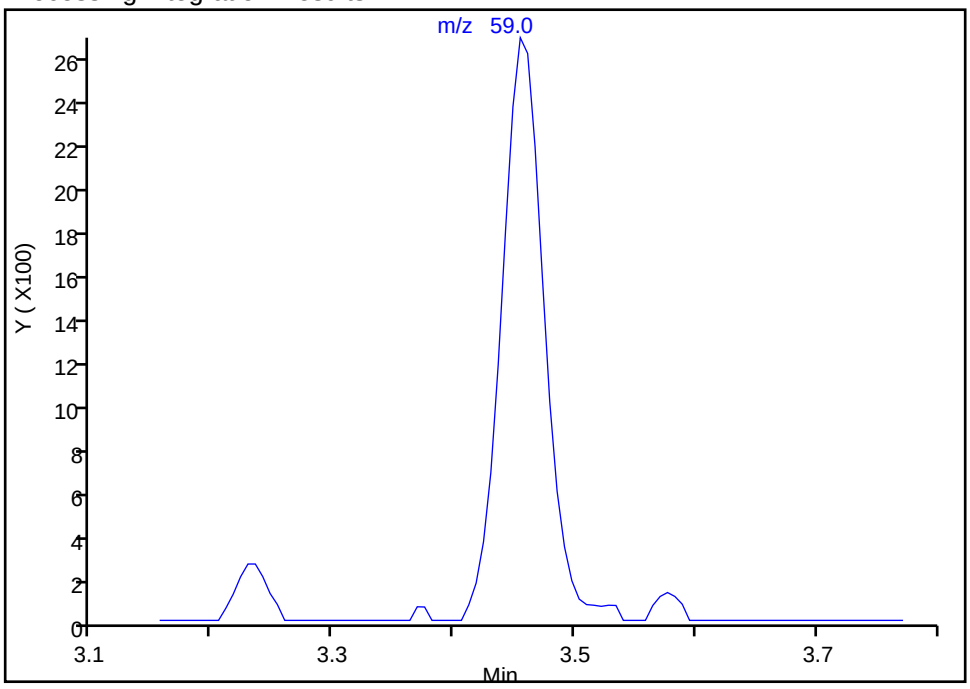
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

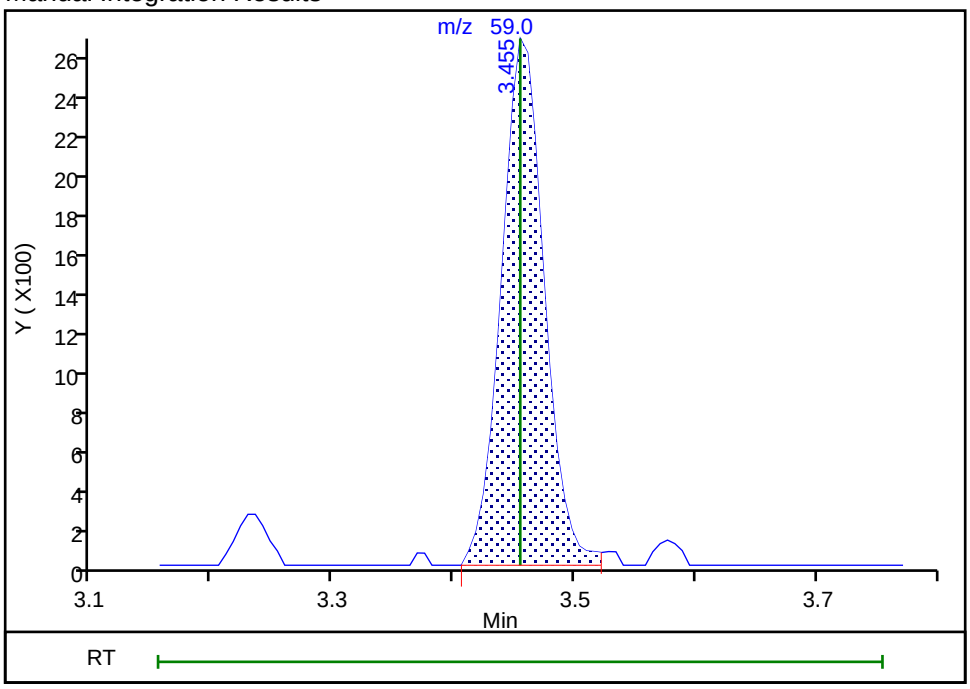
Not Detected
Expected RT: 3.45

Processing Integration Results



Manual Integration Results

RT: 3.45
Area: 6561
Amount: 13.372015
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:53:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

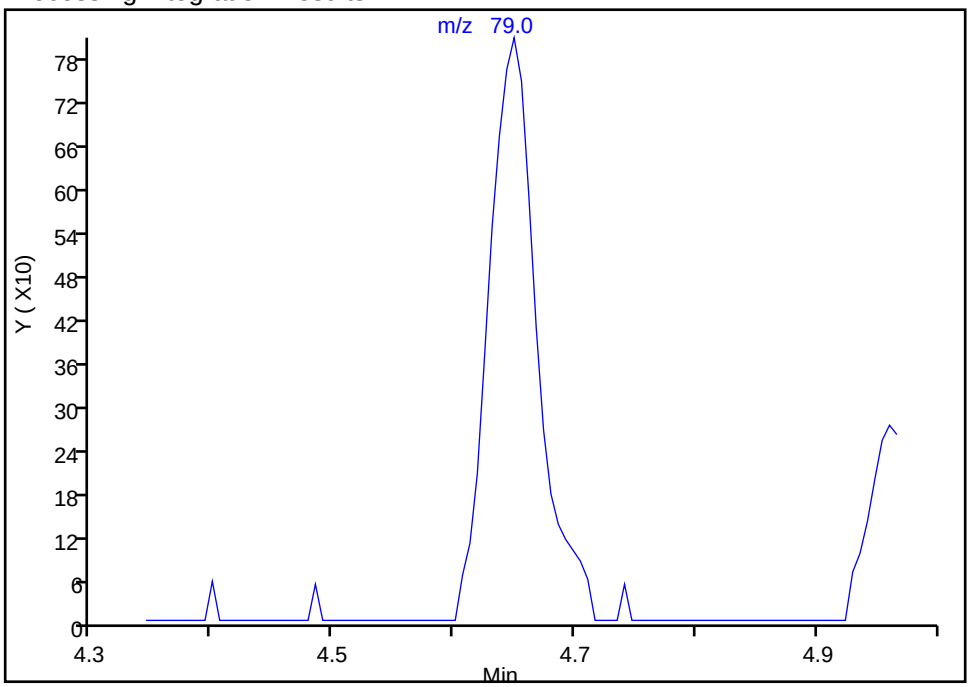
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

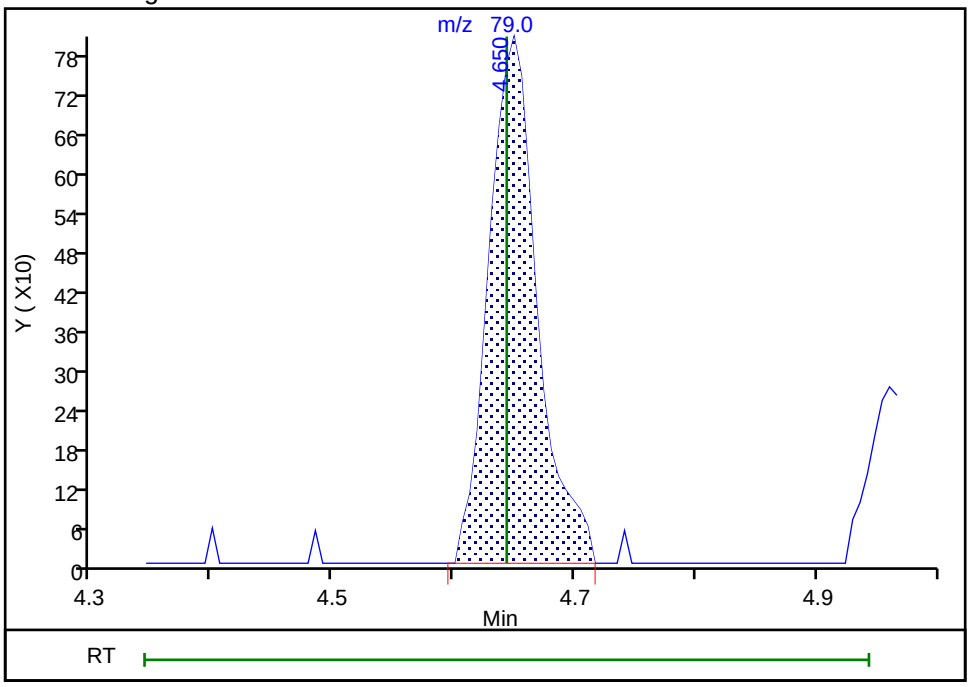
Not Detected
Expected RT: 4.64

Processing Integration Results



Manual Integration Results

RT: 4.65
Area: 2260
Amount: 1.107047
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:53:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

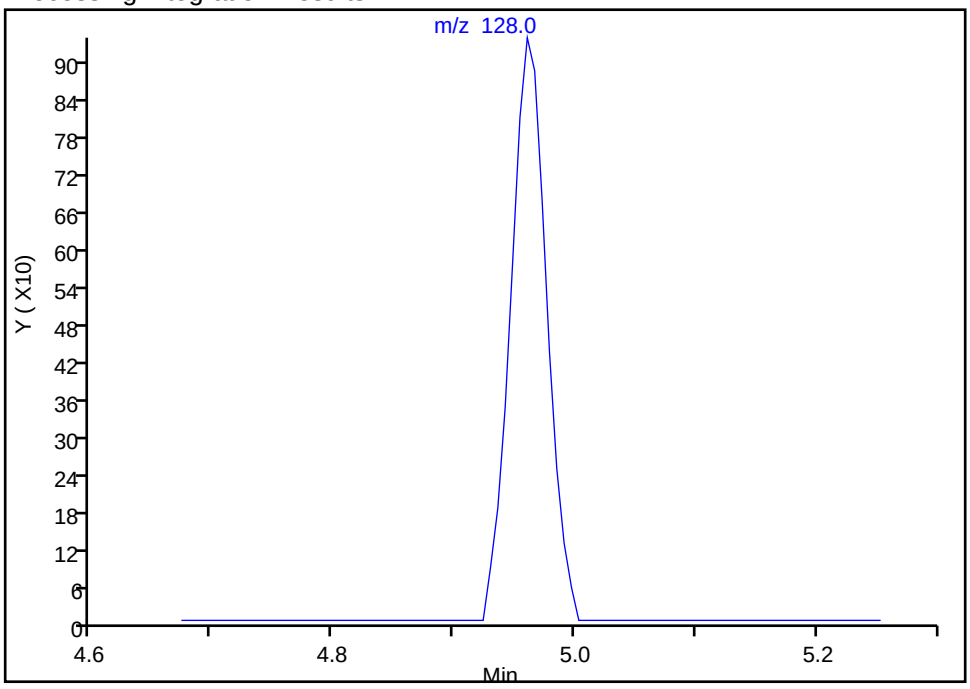
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Chlorobromomethane, CAS: 74-97-5

Signal: 1

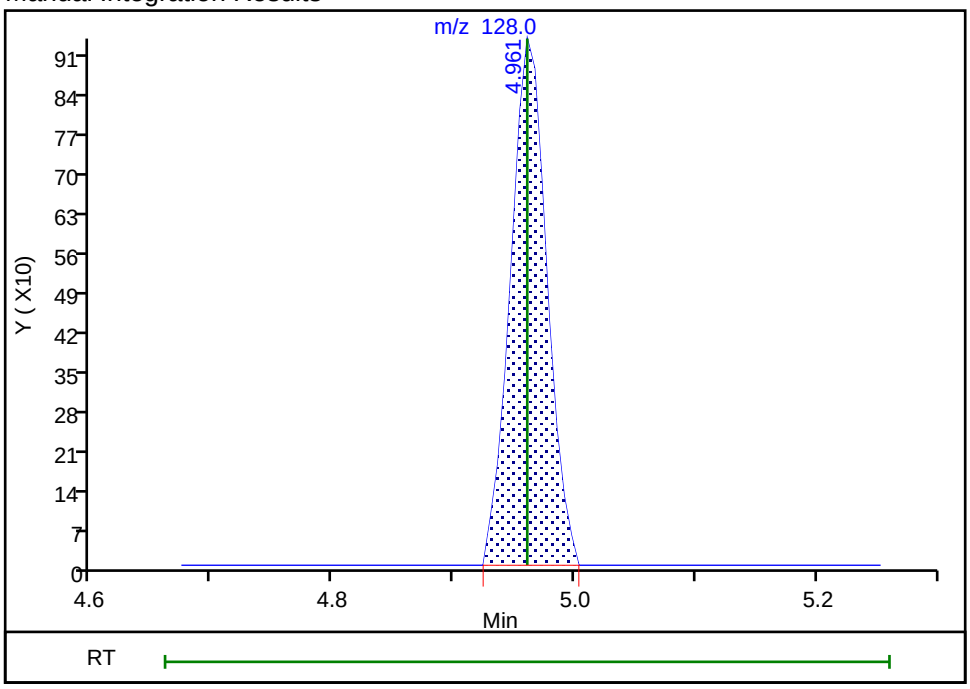
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.96
Area: 1952
Amount: 0.946906
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:53:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

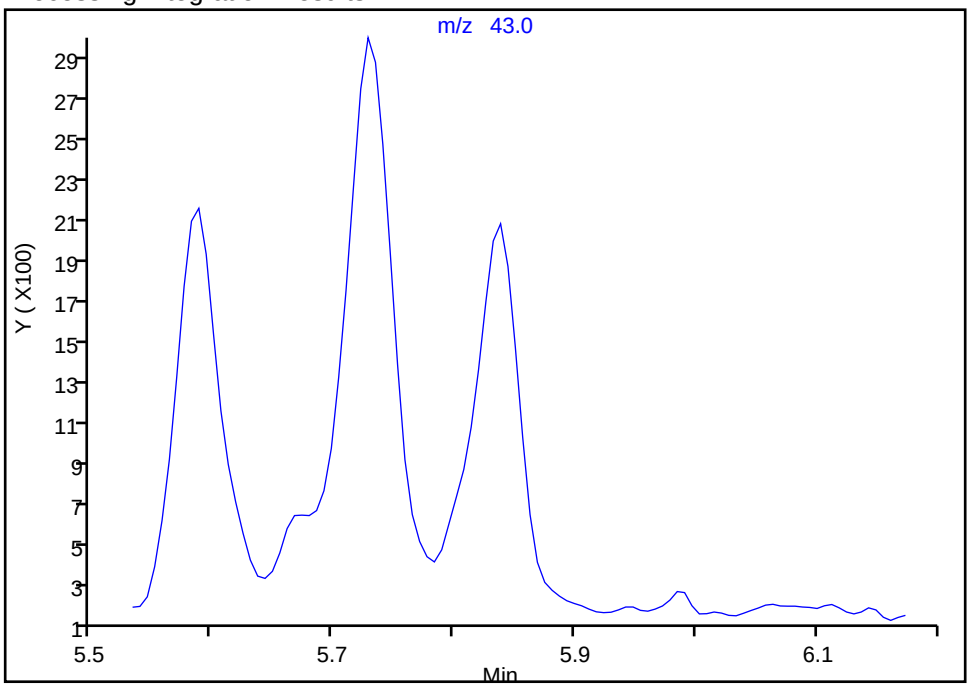
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 n-Heptane, CAS: 142-82-5

Signal: 1

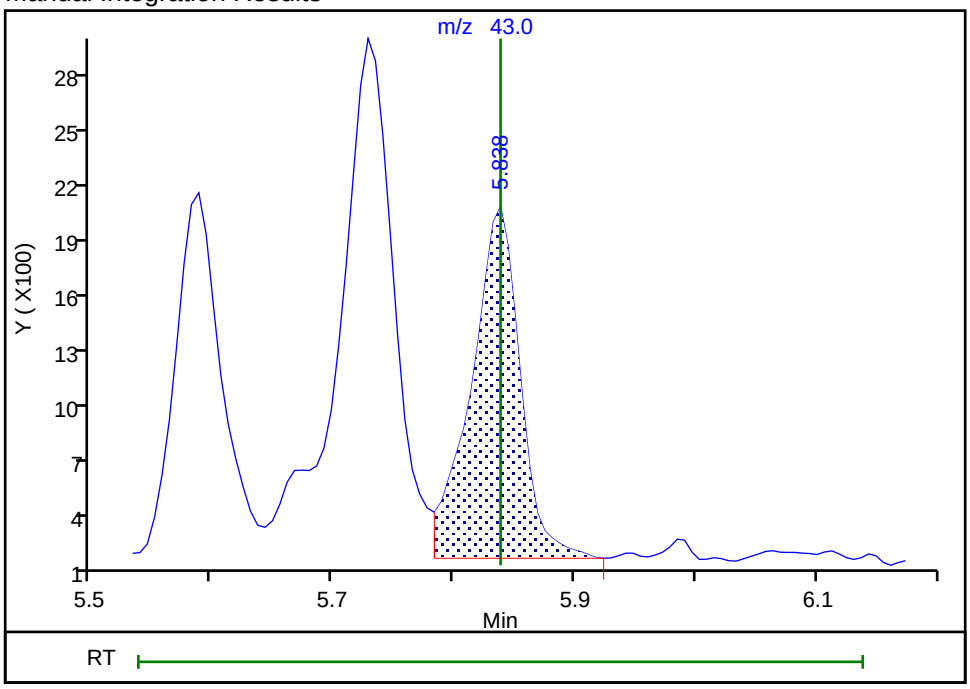
Not Detected
Expected RT: 5.84

Processing Integration Results



Manual Integration Results

RT: 5.84
Area: 5254
Amount: 0.871752
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:53:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

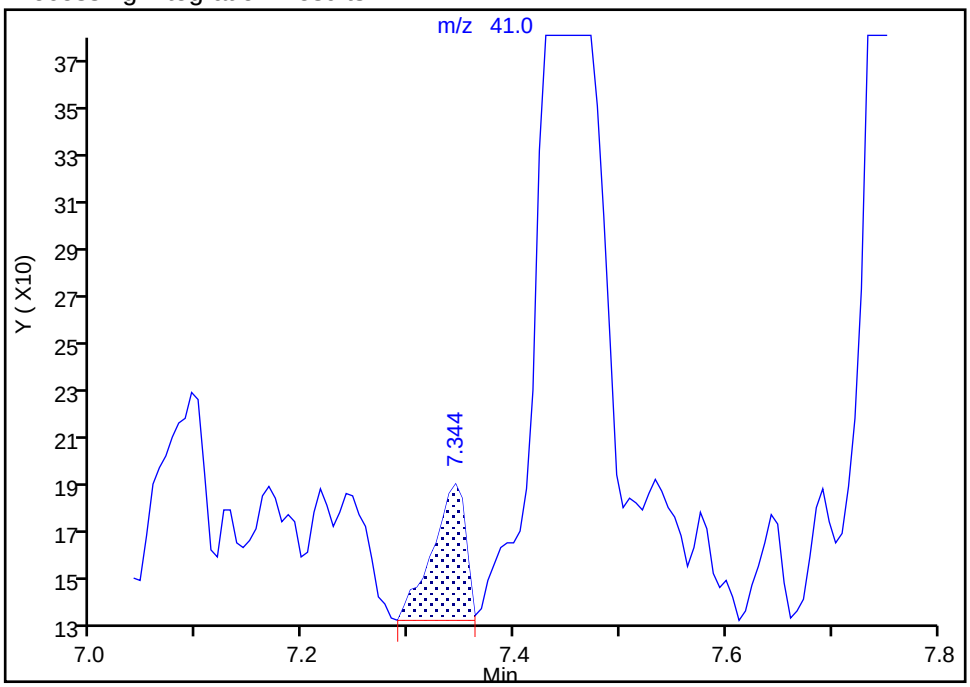
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

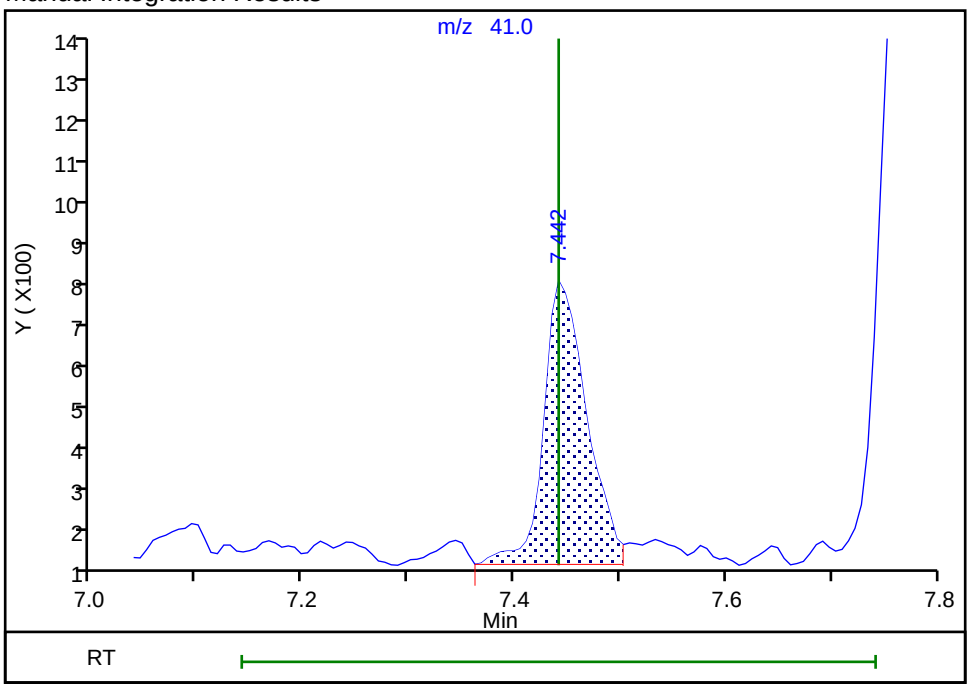
Processing Integration Results

RT: 7.34
Area: 126
Amount: 0.174830
Amount Units: ug/l



Manual Integration Results

RT: 7.44
Area: 1871
Amount: 2.373849
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:54:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

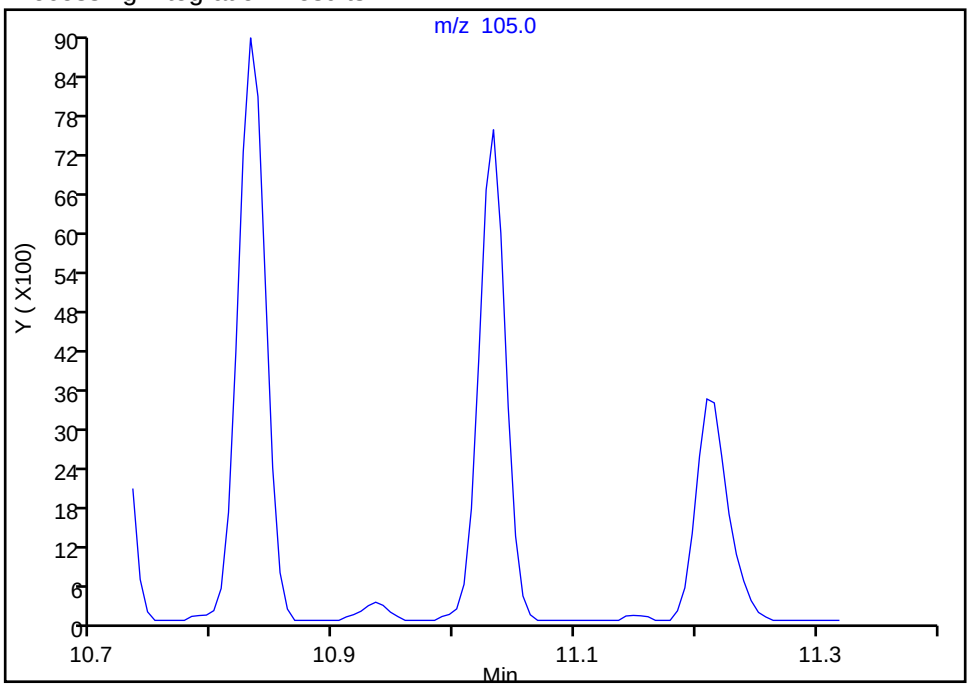
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

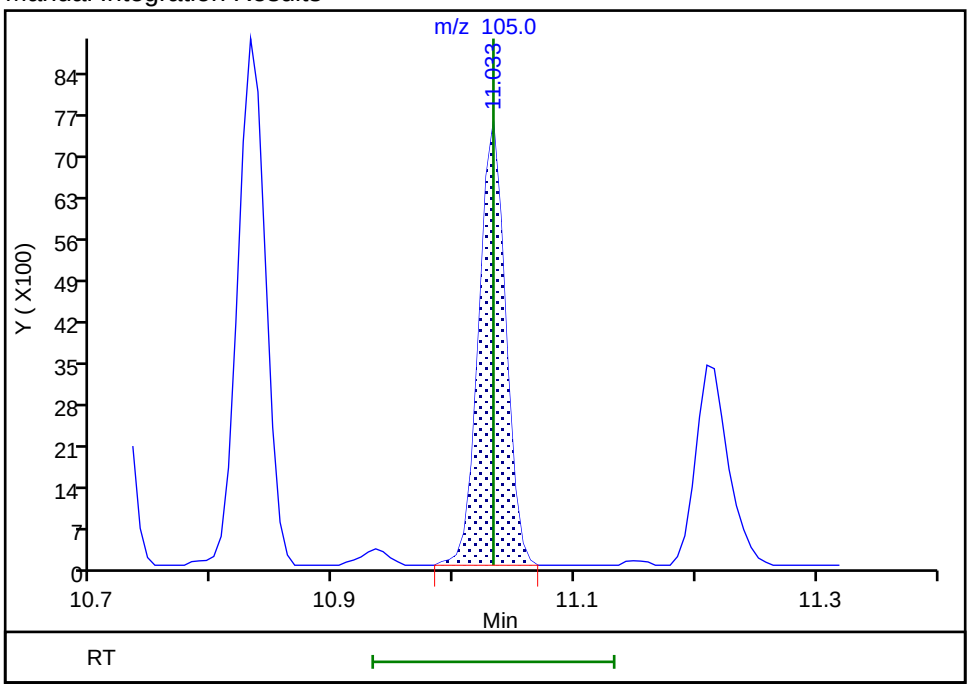
Not Detected
Expected RT: 11.03

Processing Integration Results



Manual Integration Results

RT: 11.03
Area: 11575
Amount: 0.943010
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:55:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

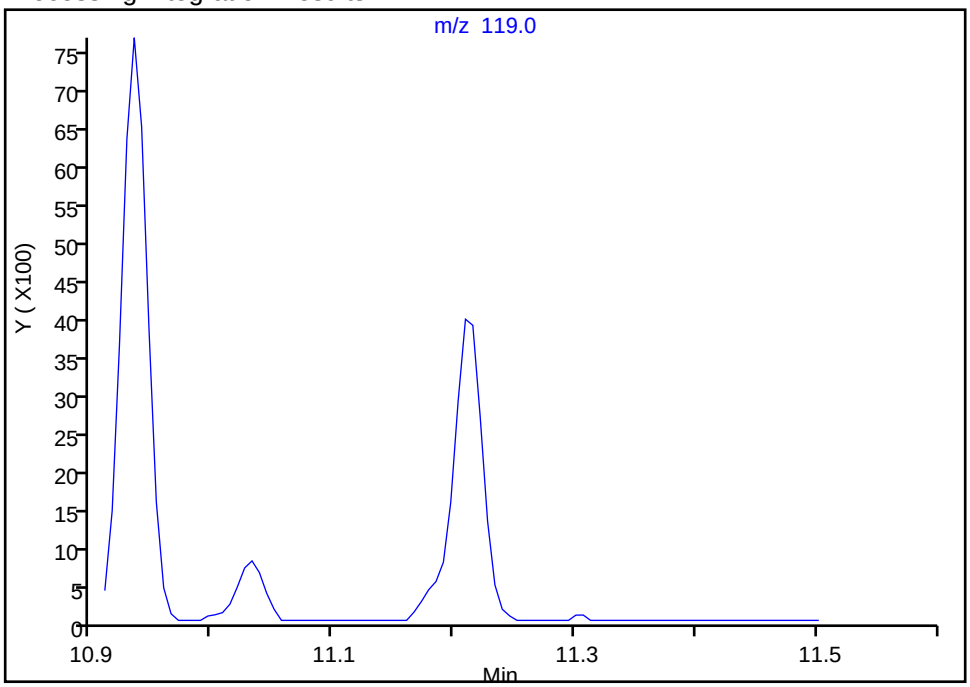
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70136.D
Injection Date: 25-Jul-2020 06:29:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

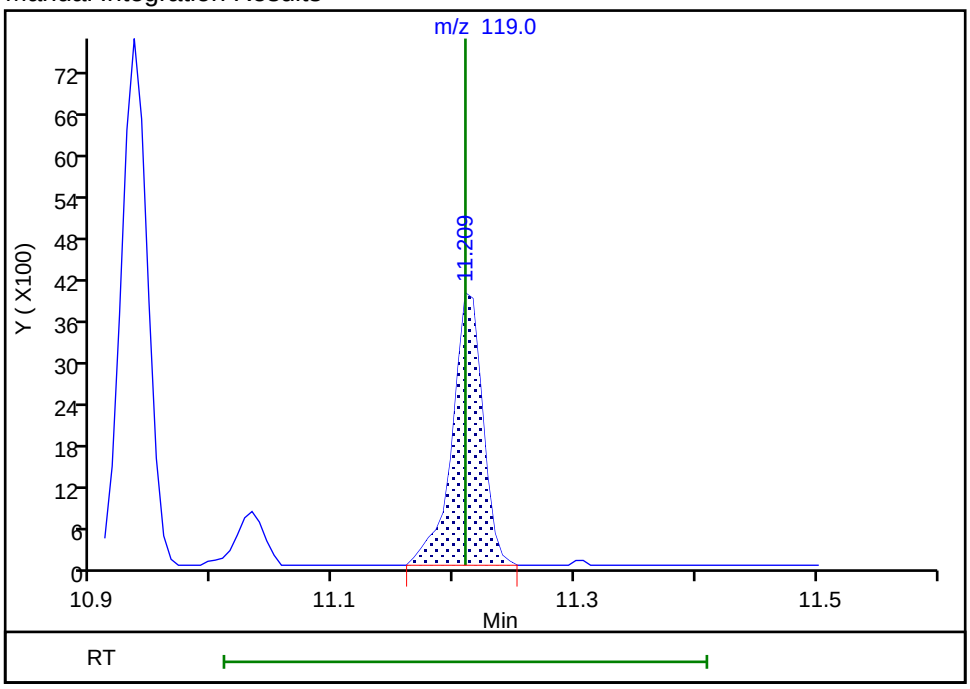
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.21
Area: 6928
Amount: 0.894013
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:55:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70137.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 25-Jul-2020 06:57:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0113878-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:00:45 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: tupayachia Date: 25-Jul-2020 08:52:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	96	5145	5.00	5.74	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	91	15225	5.00	5.78	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	18509	5.00	5.81	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	57835	5.00	5.73	
5 Chlorodifluoromethane	51	1.406	1.406	0.000	97	43031	5.00	5.87	
6 Chloromethane	50	1.571	1.571	0.000	99	47058	5.00	5.71	
8 Vinyl chloride	62	1.662	1.662	0.000	98	51722	5.00	5.81	
7 Butadiene	54	1.693	1.693	0.000	97	49627	5.00	5.99	
9 Bromomethane	94	1.992	1.985	0.007	98	18610	5.00	12.3	
10 Chloroethane	64	2.089	2.089	0.000	99	24517	5.00	6.16	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	97	49180	5.00	5.60	
11 Dichlorofluoromethane	67	2.303	2.302	0.001	99	49798	5.00	5.52	
12 Pentane	72	2.357	2.357	0.000	96	11024	10.0	10.4	
15 Ethanol	46	2.571	2.577	-0.006	96	4840	200.0	216.3	
14 Ethyl ether	59	2.595	2.595	0.000	92	18232	5.00	5.20	
16 2-Methyl-1,3-butadiene	53	2.607	2.607	0.000	97	23794	5.00	5.29	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	86	24085	5.00	5.86	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.729	-0.006	95	37949	5.00	5.74	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	96	27623	5.00	5.36	
19 Acrolein	56	2.790	2.790	0.000	97	75275	200.0	156.0	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	23918	5.00	5.29	
22 Acetone	43	2.943	2.943	0.000	87	29006	25.0	25.5	
23 Iodomethane	142	2.985	2.985	0.000	99	24903	5.00	4.59	
24 Carbon disulfide	76	3.016	3.016	0.000	99	81383	5.00	5.20	
25 Isopropyl alcohol	45	3.071	3.071	0.000	98	14487	50.0	50.4	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	85	13727	5.00	5.13	
28 Cyclopentene	67	3.217	3.217	0.000	93	58201	5.00	5.23	
27 Methyl acetate	43	3.229	3.229	0.000	99	24899	10.0	9.63	
29 Acetonitrile	40	3.290	3.290	0.000	98	10608	50.0	46.4	
30 Methylene Chloride	84	3.351	3.351	0.000	90	23576	5.00	5.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.375	-0.006	0	381889	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	98	24179	50.0	48.9	
33 Methyl tert-butyl ether	73	3.546	3.552	-0.006	96	56203	5.00	4.95	
34 trans-1,2-Dichloroethene	96	3.577	3.577	0.000	94	23266	5.00	5.03	
35 Acrylonitrile	53	3.674	3.674	0.000	93	59901	50.0	47.6	
36 Hexane	57	3.766	3.766	0.000	92	34057	5.00	4.97	
37 Isopropyl ether	45	4.034	4.034	0.000	97	57184	5.00	4.91	
38 1,1-Dichloroethane	63	4.052	4.058	-0.006	99	38251	5.00	5.07	
39 Vinyl acetate	86	4.095	4.095	0.000	99	8182	10.0	9.78	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	91	20702	5.00	4.97	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	54023	5.00	4.90	
43 2,2-Dichloropropane	79	4.650	4.643	0.007	93	10616	5.00	5.12	a
* 42 2-Butanone-d5	46	4.650	4.656	-0.006	86	282812	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	96	23081	5.00	5.05	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	99	10612	25.0	24.2	
46 Ethyl acetate	70	4.741	4.741	0.000	99	3454	10.0	9.21	
47 Methyl acrylate	55	4.796	4.796	0.000	100	13603	5.00	4.85	
48 Propionitrile	54	4.875	4.875	0.000	97	21880	50.0	50.6	
50 Tetrahydrofuran	72	4.961	4.960	0.001	61	4586	10.0	10.2	
49 Chlorobromomethane	128	4.961	4.960	0.001	78	10723	5.00	5.12	
51 Methacrylonitrile	67	5.003	5.003	0.000	89	67858	50.0	47.4	
52 Chloroform	83	5.040	5.040	0.000	98	34924	5.00	4.90	
53 Cyclohexane	84	5.168	5.168	0.000	88	32585	5.00	4.99	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	99	30462	5.00	4.84	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	183553	50.0	49.8	
56 Carbon tetrachloride	117	5.332	5.332	0.000	97	26654	5.00	4.82	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	98	28518	5.00	4.99	
58 Isobutyl alcohol	43	5.589	5.588	0.001	93	30103	125.0	113.3	
59 Benzene	78	5.619	5.619	0.000	91	74838	5.00	4.96	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	97	163894	50.0	45.9	
61 Tert-amyl methyl ether	87	5.723	5.723	0.000	91	15233	5.00	4.55	
62 Isopropyl acetate	43	5.729	5.729	0.000	98	46304	5.00	4.70	
63 1,2-Dichloroethane	62	5.741	5.741	0.000	97	22700	5.00	4.69	
64 n-Heptane	43	5.832	5.838	-0.006	84	30063	5.00	4.91	a
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	596175	50.0	50.0	
66 n-Butanol	56	6.412	6.411	0.001	85	13113	125.0	122.3	
67 Trichloroethene	95	6.418	6.418	0.000	96	19773	5.00	4.88	
68 Methylcyclohexane	83	6.558	6.558	0.000	88	34644	5.00	4.80	
69 Ethyl acrylate	55	6.607	6.600	0.007	96	19745	5.00	4.55	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	91	17944	5.00	4.98	
* 71 1,4-Dioxane-d8	96	6.850	6.850	0.000	0	28984	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	82	8950	10.0	9.56	
73 1,4-Dioxane	88	6.918	6.917	0.001	35	3525	100.0	96.0	
74 Dibromomethane	93	6.918	6.924	-0.006	92	10648	5.00	4.72	
75 n-Propyl acetate	43	6.960	6.960	0.000	98	19413	5.00	4.64	
76 Dichlorobromomethane	83	7.100	7.100	0.000	98	22359	5.00	4.70	
77 2-Nitropropane	41	7.442	7.442	0.000	99	7334	10.0	9.16	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	92	8801	5.01	4.80	
79 Epichlorohydrin	57	7.552	7.551	0.001	98	27553	100.0	98.5	
80 cis-1,3-Dichloropropene	75	7.600	7.600	0.000	90	26624	5.00	4.91	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	96	60133	25.0	23.2	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	575011	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.887	0.000	93	74497	5.00	4.94	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	97	22914	5.00	4.80	
85 Ethyl methacrylate	69	8.222	8.222	0.000	89	18230	5.00	4.69	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	95	11970	5.00	4.98	
87 Tetrachloroethene	166	8.393	8.393	0.000	98	20566	5.00	5.10	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	90	22429	5.00	4.90	
89 2-Hexanone	43	8.570	8.570	0.000	95	41245	25.0	22.9	
90 n-Butyl acetate	73	8.655	8.655	0.000	97	3838	5.00	5.01	
91 Chlorodibromomethane	129	8.692	8.691	0.001	97	15857	5.00	4.71	
92 Ethylene Dibromide	107	8.801	8.801	0.000	99	13769	5.00	4.92	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	86	390682	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	45654	5.00	4.98	
95 Ethylbenzene	106	9.271	9.271	0.000	98	24946	5.00	4.89	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	94	15547	5.00	4.68	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	30261	5.00	4.96	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	9943	5.00	4.63	
99 o-Xylene	106	9.697	9.697	0.000	94	28283	5.00	4.91	
100 Styrene	104	9.722	9.722	0.000	97	47422	5.00	4.78	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	19997	5.00	4.85	
102 Bromoform	173	9.899	9.899	0.000	96	10129	5.00	4.49	
103 Isopropylbenzene	105	9.978	9.978	0.000	95	73503	5.00	4.94	
$ 104 4-Bromofluorobenzene	174	10.143	10.142	0.001	0	183597	50.0	53.1	
105 Bromobenzene	156	10.258	10.258	0.000	92	19322	5.00	5.15	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.001	98	16543	5.00	4.97	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	87875	5.00	5.09	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	96	4863	5.00	5.00	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	89	4514	5.00	4.64	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	56400	5.00	4.85	
110 4-Ethyltoluene	105	10.386	10.386	0.000	99	74426	5.00	5.14	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	94	60659	5.00	5.02	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	52355	5.00	5.02	
114 Butyl Methacrylate	87	10.496	10.496	0.000	88	18623	5.00	4.76	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	52568	5.00	5.04	
116 1,2,4-Trimethylbenzene	105	10.716	10.715	0.001	97	59563	5.00	5.00	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	80378	5.00	5.07	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	67788	5.00	5.06	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	35511	5.00	5.02	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	94	199086	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	95	35851	5.00	5.03	
122 1,2,3-Trimethylbenzene	105	11.033	11.032	0.001	97	61362	5.00	4.92	
123 Benzyl chloride	126	11.130	11.130	0.000	99	6194	5.00	4.81	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	64748	5.00	4.65	
125 p-Diethylbenzene	119	11.209	11.209	0.000	95	39210	5.00	4.98	a
126 n-Butylbenzene	92	11.228	11.228	0.000	97	35416	5.00	4.87	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	98	33835	5.00	5.01	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	58914	5.00	5.01	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	93	3552	5.00	4.83	
130 1,3,5-Trichlorobenzene	180	12.045	12.044	0.001	97	27179	5.00	5.06	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	23968	5.00	5.20	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	94	13747	5.00	5.01	
133 Naphthalene	128	12.922	12.922	0.000	99	52707	5.00	5.12	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	22379	5.00	5.18	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 136 1,3-Dichloropropene, Total	100				0		10.0	9.70	
S 137 Xylenes, Total	100				0		10.0	9.87	
S 138 Total BTEX	1				0		25.0	24.7	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00109	Amount Added:	20.00	Units: uL	
GASES Li_00378	Amount Added:	5.00	Units: uL	
524freon_00025	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00120	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Jul-2020 01:00:46 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70137.D

Injection Date: 25-Jul-2020 06:57:30 Instrument ID: CVOAMS4 Operator ID:

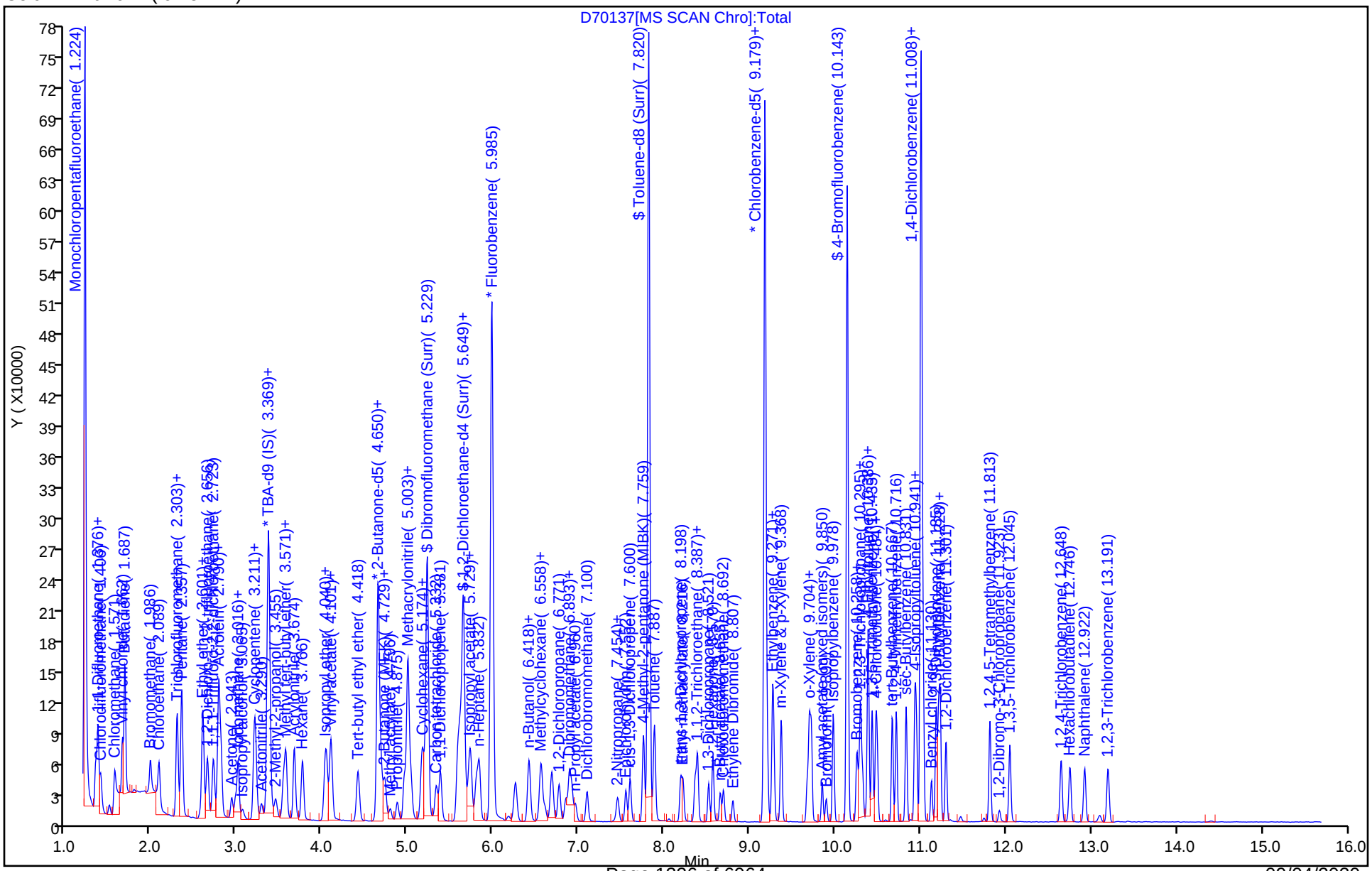
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

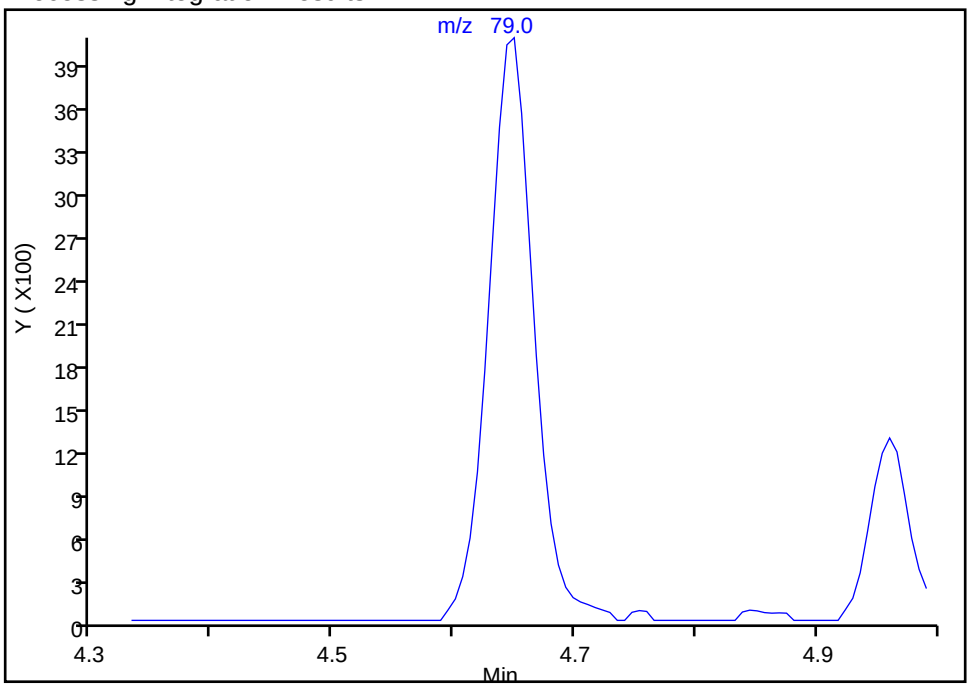
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70137.D
Injection Date: 25-Jul-2020 06:57:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

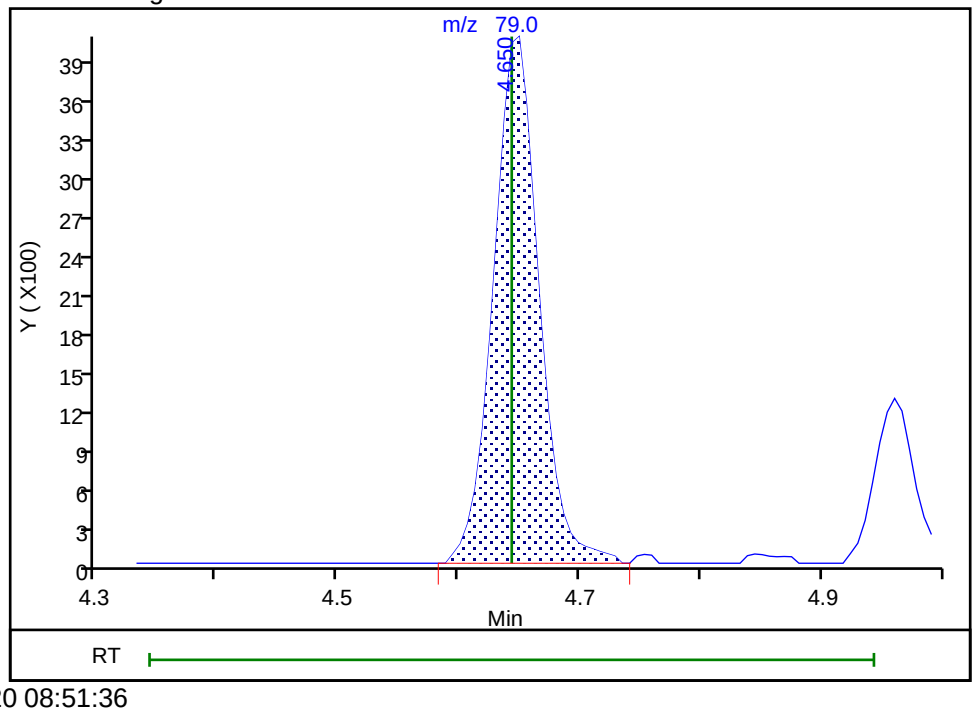
Not Detected
Expected RT: 4.64

Processing Integration Results



Manual Integration Results

RT: 4.65
Area: 10616
Amount: 5.118415
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:51:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

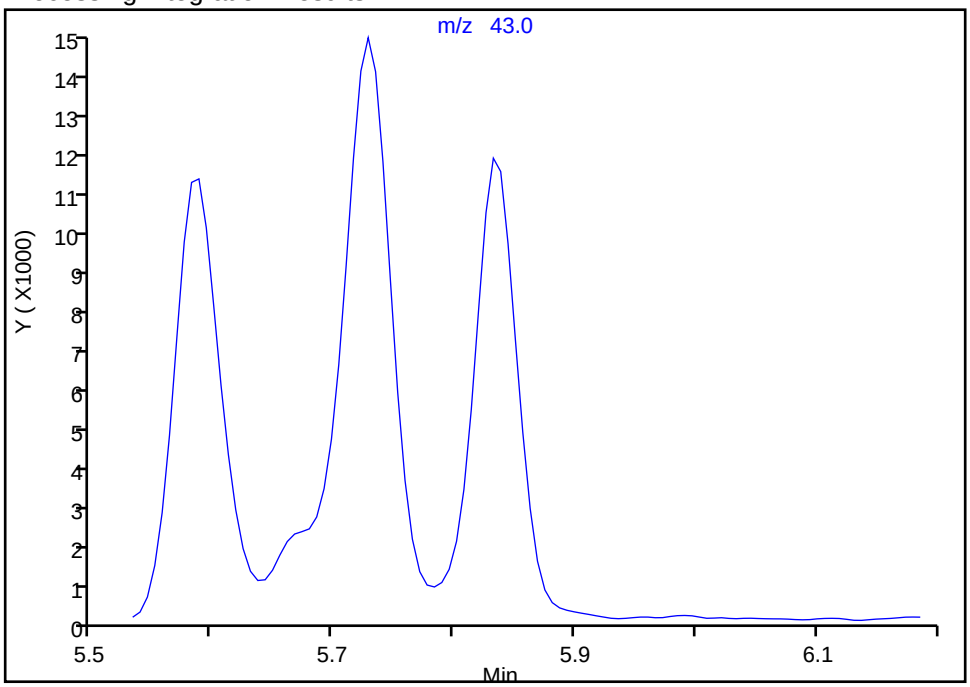
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70137.D
Injection Date: 25-Jul-2020 06:57:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 n-Heptane, CAS: 142-82-5

Signal: 1

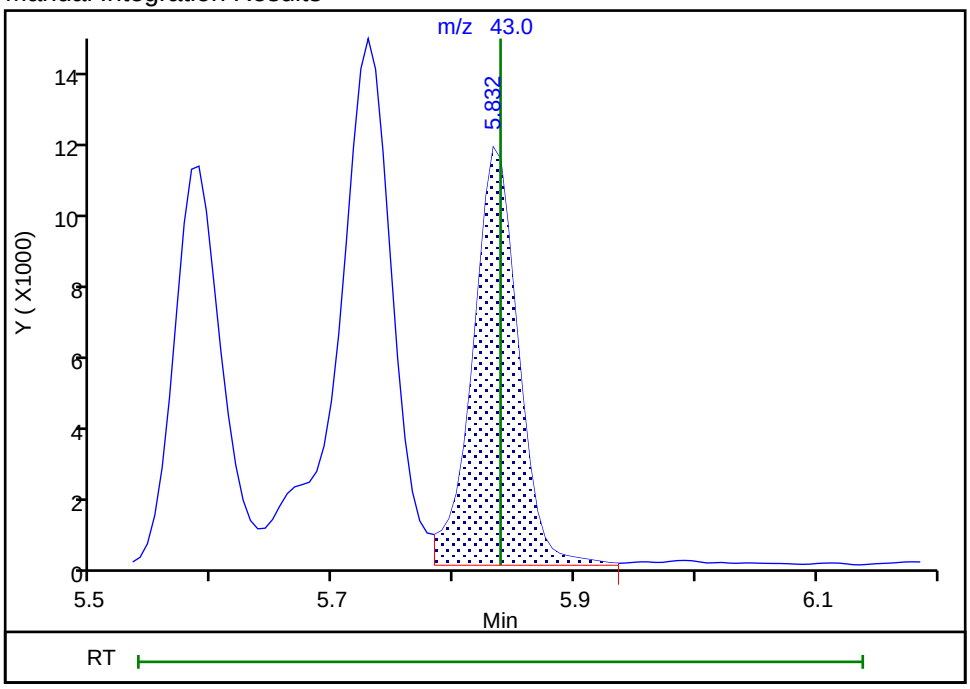
Not Detected
Expected RT: 5.84

Processing Integration Results



Manual Integration Results

RT: 5.83
Area: 30063
Amount: 4.909667
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:51:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

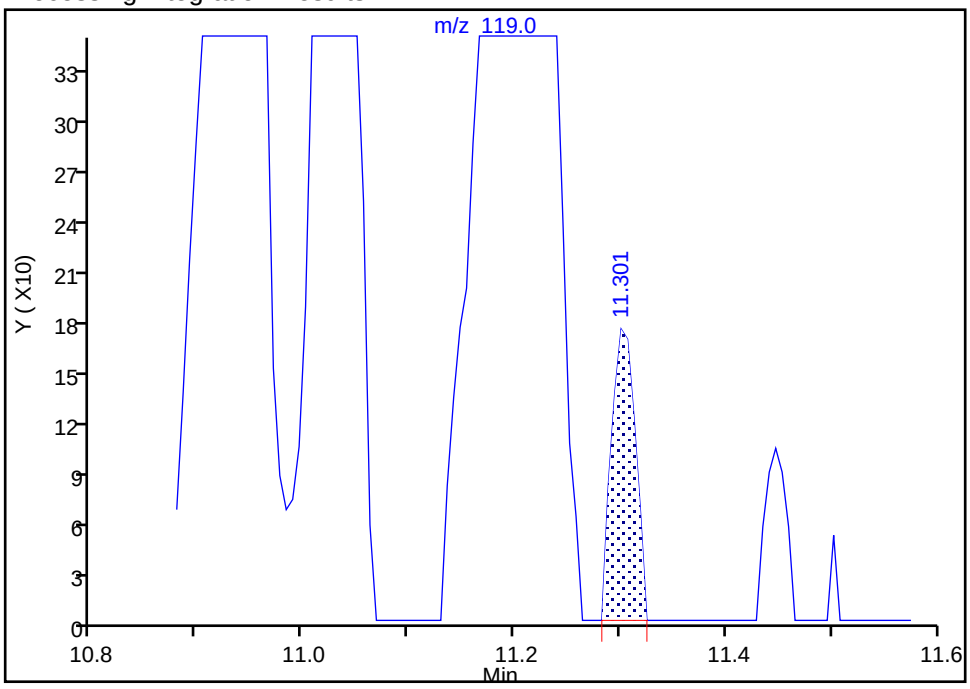
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70137.D
Injection Date: 25-Jul-2020 06:57:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

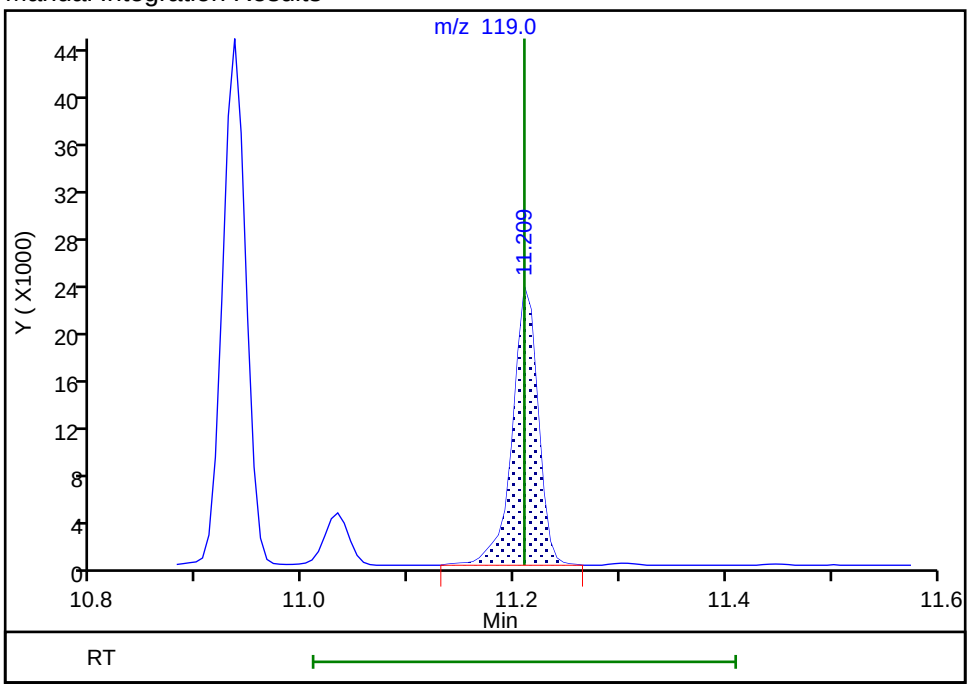
Processing Integration Results

RT: 11.30
Area: 267
Amount: 0.034223
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 39210
Amount: 4.976074
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:52:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70138.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 25-Jul-2020 07:25:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0113878-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:00:56 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: kluseys Date: 26-Jul-2020 00:59:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	93	19155	20.0	20.7	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	89	57405	20.0	21.1	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	68177	20.0	20.7	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	228739	20.0	22.0	
5 Chlorodifluoromethane	51	1.406	1.406	0.000	97	161551	20.0	21.4	
6 Chloromethane	50	1.571	1.571	0.000	99	183051	20.0	21.5	
8 Vinyl chloride	62	1.662	1.662	0.000	99	207160	20.0	22.6	
7 Butadiene	54	1.693	1.693	0.000	97	192008	20.0	22.5	
9 Bromomethane	94	1.985	1.985	0.000	97	45549	20.0	29.6	
10 Chloroethane	64	2.089	2.089	0.000	100	89248	20.0	21.7	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	98	199992	20.0	22.1	
11 Dichlorofluoromethane	67	2.302	2.302	0.000	99	197159	20.0	21.2	
12 Pentane	72	2.357	2.357	0.000	96	42449	40.0	38.7	
15 Ethanol	46	2.577	2.577	0.000	95	17946	800.0	782.6	
14 Ethyl ether	59	2.595	2.595	0.000	92	70605	20.0	19.5	
16 2-Methyl-1,3-butadiene	53	2.607	2.607	0.000	98	94101	20.0	20.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	92	89853	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.729	2.729	0.000	95	141391	20.0	20.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	96	106547	20.0	20.0	
19 Acrolein	56	2.790	2.790	0.000	97	144177	300.0	291.6	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	93489	20.0	20.0	
22 Acetone	43	2.943	2.943	0.000	87	107976	100.0	97.2	
23 Iodomethane	142	2.985	2.985	0.000	99	122326	20.0	20.2	
24 Carbon disulfide	76	3.016	3.016	0.000	99	324400	20.0	20.1	
25 Isopropyl alcohol	45	3.071	3.071	0.000	98	53482	200.0	181.6	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	84	53305	20.0	19.3	
28 Cyclopentene	67	3.217	3.217	0.000	94	228613	20.0	19.9	
27 Methyl acetate	43	3.229	3.229	0.000	98	100959	40.0	37.8	
29 Acetonitrile	40	3.290	3.290	0.000	98	44046	200.0	188.0	
30 Methylene Chloride	84	3.351	3.351	0.000	91	91939	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.375	3.375	0.000	0	391357	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	98	92743	200.0	183.1	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	96	227194	20.0	19.4	
34 trans-1,2-Dichloroethene	96	3.577	3.577	0.000	94	94411	20.0	19.8	
35 Acrylonitrile	53	3.674	3.674	0.000	94	237370	200.0	183.9	
36 Hexane	57	3.766	3.766	0.000	91	140342	20.0	19.9	
37 Isopropyl ether	45	4.034	4.034	0.000	96	231948	20.0	19.3	
38 1,1-Dichloroethane	63	4.058	4.058	0.000	99	150883	20.0	19.4	
39 Vinyl acetate	86	4.095	4.095	0.000	99	32046	40.0	37.1	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	91	83700	20.0	19.5	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	225043	20.0	19.8	
43 2,2-Dichloropropane	79	4.643	4.643	0.000	94	40514	20.0	18.9	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	93	291431	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	98	92510	20.0	19.6	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	41698	100.0	92.3	
46 Ethyl acetate	70	4.741	4.741	0.000	98	14337	40.0	37.1	
47 Methyl acrylate	55	4.796	4.796	0.000	100	55781	20.0	19.3	
48 Propionitrile	54	4.875	4.875	0.000	98	87789	200.0	196.9	
50 Tetrahydrofuran	72	4.960	4.960	0.000	76	17624	40.0	38.1	
49 Chlorobromomethane	128	4.960	4.960	0.000	87	42394	20.0	19.6	
51 Methacrylonitrile	67	5.003	5.003	0.000	90	277618	200.0	187.8	
52 Chloroform	83	5.040	5.040	0.000	99	138897	20.0	18.9	
53 Cyclohexane	84	5.168	5.168	0.000	89	129165	20.0	19.2	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	98	125021	20.0	19.3	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	187902	50.0	49.4	
56 Carbon tetrachloride	117	5.332	5.332	0.000	97	110858	20.0	19.4	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	97	114179	20.0	19.4	
58 Isobutyl alcohol	43	5.588	5.588	0.000	89	122730	500.0	450.6	
59 Benzene	78	5.619	5.619	0.000	92	309800	20.0	19.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	98	174574	50.0	47.4	
61 Tert-amyl methyl ether	87	5.723	5.723	0.000	90	67192	20.0	19.5	
62 Isopropyl acetate	43	5.729	5.729	0.000	99	193371	20.0	19.0	
63 1,2-Dichloroethane	62	5.741	5.741	0.000	97	93246	20.0	18.7	
64 n-Heptane	43	5.838	5.838	0.000	93	118842	20.0	18.8	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	615159	50.0	50.0	
66 n-Butanol	56	6.411	6.411	0.000	86	48515	500.0	441.5	
67 Trichloroethene	95	6.418	6.418	0.000	97	79971	20.0	19.1	
68 Methylcyclohexane	83	6.558	6.558	0.000	93	145160	20.0	19.5	
69 Ethyl acrylate	55	6.600	6.600	0.000	96	85566	20.0	19.1	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	91	69898	20.0	18.8	
* 71 1,4-Dioxane-d8	96	6.850	6.850	0.000	0	30162	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	83	36815	40.0	38.1	
73 1,4-Dioxane	88	6.917	6.917	0.000	92	16070	400.0	420.6	
74 Dibromomethane	93	6.924	6.924	0.000	93	43600	20.0	18.7	
75 n-Propyl acetate	43	6.960	6.960	0.000	97	81465	20.0	18.9	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	91752	20.0	18.7	
77 2-Nitropropane	41	7.442	7.442	0.000	98	29784	40.0	36.0	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	92	36207	20.0	19.1	
79 Epichlorohydrin	57	7.551	7.551	0.000	98	112789	400.0	391.3	
80 cis-1,3-Dichloropropene	75	7.600	7.600	0.000	90	111688	20.0	19.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	96	256176	100.0	96.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	595068	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.887	0.000	93	306001	20.0	19.6	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	97	97058	20.0	19.6	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	76259	20.0	19.0	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	95	48055	20.0	19.3	
87 Tetrachloroethene	166	8.393	8.393	0.000	99	84645	20.0	20.3	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	91	92765	20.0	19.6	
89 2-Hexanone	43	8.570	8.570	0.000	95	174969	100.0	94.2	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	15634	20.0	19.7	
91 Chlorodibromomethane	129	8.691	8.691	0.000	98	67930	20.0	19.5	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	58823	20.0	20.3	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	86	404188	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	187706	20.0	19.8	
95 Ethylbenzene	106	9.271	9.271	0.000	98	101132	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	96	67111	20.0	19.5	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	124119	20.0	19.7	
98 n-Butyl acrylate	73	9.673	9.673	0.000	97	41802	20.0	18.8	
99 o-Xylene	106	9.697	9.697	0.000	95	116254	20.0	19.5	
100 Styrene	104	9.722	9.722	0.000	96	200037	20.0	19.5	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	84122	20.0	18.8	
102 Bromoform	173	9.899	9.899	0.000	97	45266	20.0	19.4	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	310418	20.0	20.2	
$ 104 4-Bromofluorobenzene	174	10.142	10.142	0.000	0	194068	50.0	51.6	
105 Bromobenzene	156	10.258	10.258	0.000	92	80273	20.0	19.7	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.000	98	67939	20.0	18.7	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	373093	20.0	19.9	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	98	19568	20.0	18.5	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	89	20086	20.0	19.0	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	241107	20.0	19.1	
110 4-Ethyltoluene	105	10.386	10.386	0.000	98	308298	20.0	19.6	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	254472	20.0	19.3	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	216870	20.0	19.1	
114 Butyl Methacrylate	87	10.496	10.496	0.000	90	81326	20.0	19.1	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	224951	20.0	19.8	
116 1,2,4-Trimethylbenzene	105	10.715	10.715	0.000	97	252456	20.0	19.5	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	344112	20.0	19.9	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	288341	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	149328	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	93	216636	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	95	152471	20.0	19.6	
122 1,2,3-Trimethylbenzene	105	11.032	11.032	0.000	98	260449	20.0	19.2	
123 Benzyl chloride	126	11.130	11.130	0.000	99	27027	20.0	19.3	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	276538	20.0	19.2	
125 p-Diethylbenzene	119	11.209	11.209	0.000	94	168694	20.0	19.7	a
126 n-Butylbenzene	92	11.228	11.228	0.000	97	151795	20.0	19.2	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	98	142644	20.0	19.4	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	253109	20.0	19.8	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	94	15214	20.0	19.0	
130 1,3,5-Trichlorobenzene	180	12.044	12.044	0.000	98	116269	20.0	19.9	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	99804	20.0	19.9	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	95	59661	20.0	20.0	
133 Naphthalene	128	12.922	12.922	0.000	99	219441	20.0	19.6	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	92522	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.5	
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 Total BTEX	1				0		100.0	97.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added:	2.00	Units: uL	
ACROLEIN W_00109	Amount Added:	3.00	Units: uL	
GASES Li_00378	Amount Added:	2.00	Units: uL	
524freon_00025	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Jul-2020 01:00:57 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70138.D

Injection Date: 25-Jul-2020 07:25:30 Instrument ID: CVOAMS4 Operator ID:

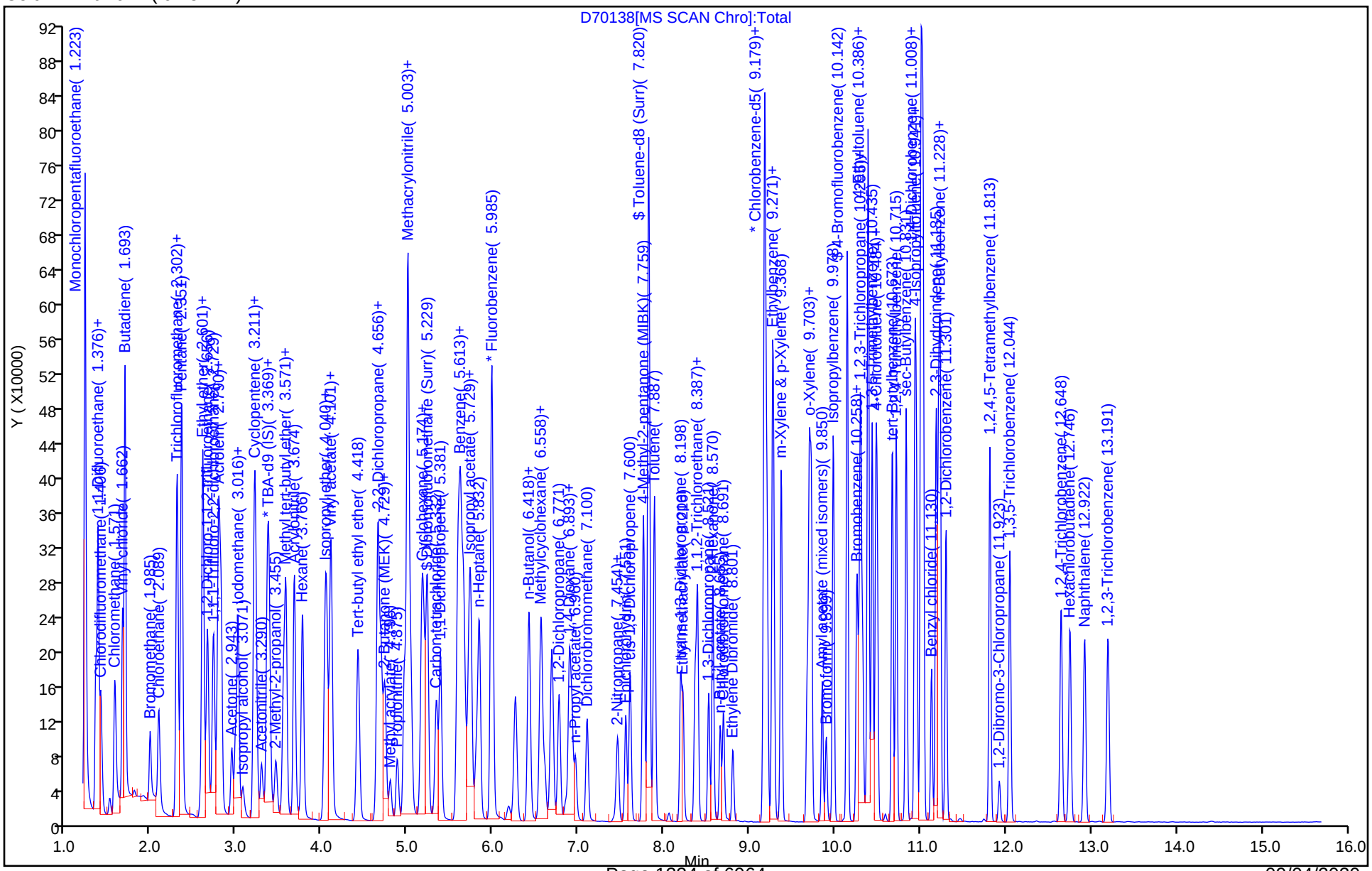
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

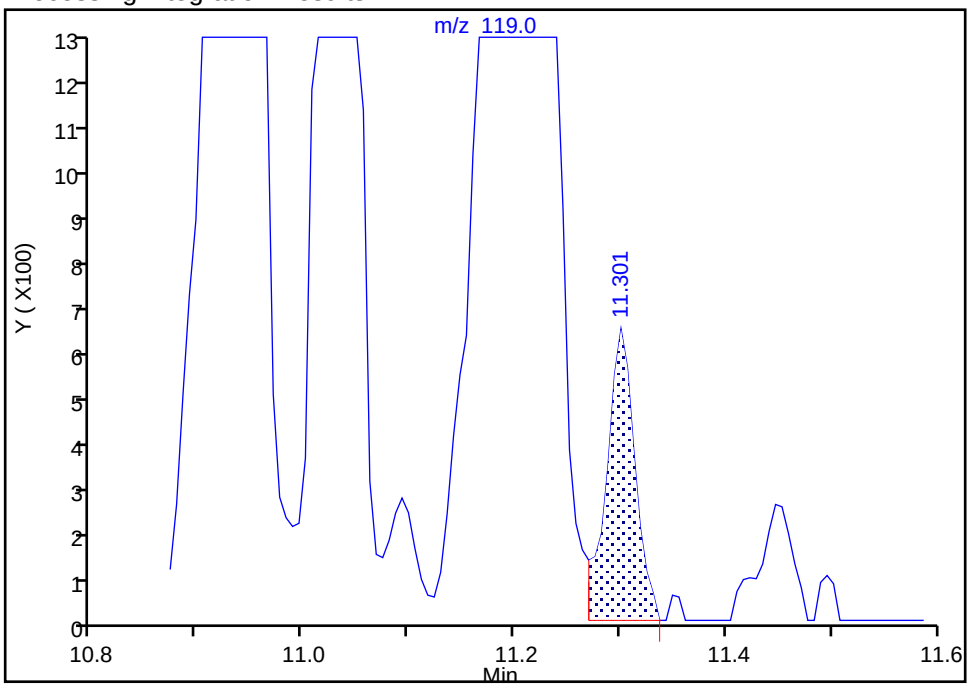
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70138.D
Injection Date: 25-Jul-2020 07:25:30 Instrument ID: CVOAMS4
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

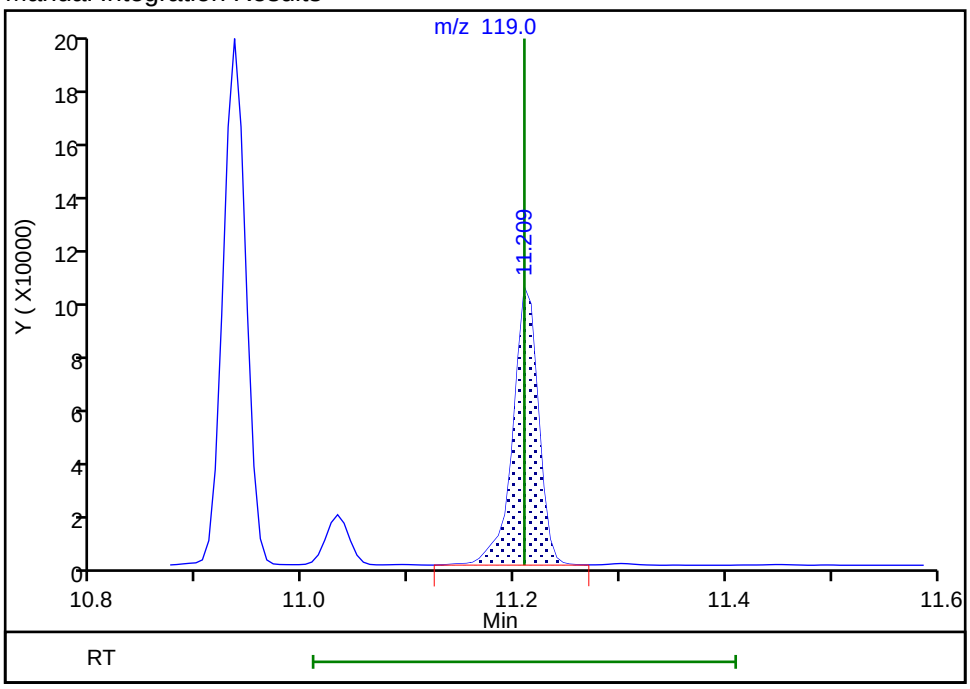
Processing Integration Results

RT: 11.30
Area: 1193
Amount: 27.607242
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 168694
Amount: 19.674320
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:47:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70139.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 25-Jul-2020 07:53:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0113878-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:01:07 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: tupayachia Date: 25-Jul-2020 08:49:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.236	-0.001	94	47269	50.0	47.9	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	90	144350	50.0	49.8	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	94	168997	50.0	48.3	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	569367	50.0	51.3	
5 Chlorodifluoromethane	51	1.406	1.406	0.000	97	400356	50.0	49.7	
6 Chloromethane	50	1.571	1.571	0.000	99	447967	50.0	49.5	
8 Vinyl chloride	62	1.662	1.662	0.000	98	509282	50.0	52.1	
7 Butadiene	54	1.693	1.693	0.000	97	476412	50.0	52.3	
9 Bromomethane	94	1.979	1.985	-0.006	98	63024	50.0	38.6	
10 Chloroethane	64	2.077	2.089	-0.012	99	179621	50.0	41.0	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	98	498172	50.0	51.6	
11 Dichlorofluoromethane	67	2.302	2.302	0.000	99	501483	50.0	50.6	
12 Pentane	72	2.351	2.357	-0.006	96	111726	100.0	95.6	
15 Ethanol	46	2.583	2.577	0.006	97	43829	2000.0	1858.3	
14 Ethyl ether	59	2.595	2.595	0.000	87	192668	50.0	50.0	
16 2-Methyl-1,3-butadiene	53	2.601	2.607	-0.006	97	255436	50.0	51.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	86	229883	50.0	50.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.729	-0.006	95	370230	50.0	50.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.784	-0.006	98	293685	50.0	51.8	
19 Acrolein	56	2.790	2.790	0.000	98	204597	400.0	402.4	
21 1,1-Dichloroethene	96	2.814	2.815	-0.001	98	255415	50.0	51.4	
22 Acetone	43	2.942	2.943	-0.001	87	280434	250.0	241.9	
23 Iodomethane	142	2.985	2.985	0.000	99	361556	50.0	55.2	
24 Carbon disulfide	76	3.016	3.016	0.000	99	898973	50.0	52.2	
25 Isopropyl alcohol	45	3.077	3.071	0.006	98	139414	500.0	460.1	
26 3-Chloro-1-propene	76	3.199	3.199	-0.001	88	152118	50.0	51.7	
28 Cyclopentene	67	3.211	3.217	-0.006	96	634665	50.0	51.9	
27 Methyl acetate	43	3.229	3.229	0.000	99	280623	100.0	98.7	
29 Acetonitrile	40	3.290	3.290	0.000	98	118973	500.0	493.7	
30 Methylene Chloride	84	3.351	3.351	0.000	91	251948	50.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.381	3.375	0.006	0	402553	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.461	3.455	0.006	98	238505	500.0	457.8	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	96	632631	50.0	50.7	
34 trans-1,2-Dichloroethene	96	3.576	3.577	-0.001	94	258498	50.0	50.8	
35 Acrylonitrile	53	3.674	3.674	0.000	94	657930	500.0	495.6	
36 Hexane	57	3.765	3.766	-0.001	91	388555	50.0	51.6	
37 Isopropyl ether	45	4.034	4.034	0.000	96	647033	50.0	50.6	
38 1,1-Dichloroethane	63	4.052	4.058	-0.006	99	421340	50.0	50.8	
39 Vinyl acetate	86	4.095	4.095	0.000	99	89571	100.0	97.4	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	90	235091	50.0	51.3	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	624958	50.0	51.5	
43 2,2-Dichloropropane	79	4.649	4.643	0.006	94	110840	50.0	48.6	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	96	307734	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	97	252681	50.0	50.3	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	114268	250.0	239.5	
46 Ethyl acetate	70	4.741	4.741	0.000	99	40335	100.0	98.8	
47 Methyl acrylate	55	4.796	4.796	0.000	100	153219	50.0	49.7	
48 Propionitrile	54	4.875	4.875	0.000	98	234524	500.0	498.2	
50 Tetrahydrofuran	72	4.960	4.960	0.000	88	47788	100.0	97.8	
49 Chlorobromomethane	128	4.960	4.960	0.000	79	117997	50.0	51.3	
51 Methacrylonitrile	67	5.003	5.003	0.000	94	782443	500.0	496.9	
52 Chloroform	83	5.040	5.040	0.000	99	397703	50.0	50.8	
53 Cyclohexane	84	5.168	5.168	0.000	89	362530	50.0	50.5	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	98	352889	50.0	51.0	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	202594	50.0	50.0	
56 Carbon tetrachloride	117	5.332	5.332	0.000	97	317657	50.0	52.3	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	98	319449	50.0	50.9	
58 Isobutyl alcohol	43	5.588	5.588	0.000	92	341275	1250.0	1218.3	
59 Benzene	78	5.619	5.619	0.000	96	867425	50.0	51.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	98	192389	50.0	49.1	
61 Tert-amyl methyl ether	87	5.722	5.723	-0.001	91	188287	50.0	51.2	
62 Isopropyl acetate	43	5.729	5.729	-0.001	99	547296	50.0	50.6	
63 1,2-Dichloroethane	62	5.741	5.741	0.000	98	261408	50.0	49.2	
64 n-Heptane	43	5.838	5.838	0.000	91	330963	50.0	49.2	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	655364	50.0	50.0	
66 n-Butanol	56	6.411	6.411	0.000	86	134457	1250.0	1189.5	
67 Trichloroethene	95	6.417	6.418	-0.001	98	227122	50.0	51.0	
68 Methylcyclohexane	83	6.558	6.558	0.000	93	402169	50.0	50.7	
69 Ethyl acrylate	55	6.600	6.600	0.000	96	238824	50.0	50.1	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	91	198888	50.0	50.2	
* 71 1,4-Dioxane-d8	96	6.856	6.850	0.006	0	31614	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	84	102338	100.0	99.4	
73 1,4-Dioxane	88	6.917	6.917	0.000	91	43521	1000.0	1086.8	
74 Dibromomethane	93	6.917	6.924	-0.007	94	124453	50.0	50.2	
75 n-Propyl acetate	43	6.960	6.960	0.000	98	226736	50.0	49.3	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	259726	50.0	49.7	
77 2-Nitropropane	41	7.442	7.442	0.000	98	82793	100.0	94.1	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	92	100674	50.1	49.9	
79 Epichlorohydrin	57	7.551	7.551	0.000	99	309525	1000.0	1016.9	
80 cis-1,3-Dichloropropene	75	7.600	7.600	0.000	91	309217	50.0	50.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	96	714307	250.0	253.5	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	641269	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.887	0.000	93	849825	50.0	50.3	
84 trans-1,3-Dichloropropene	75	8.191	8.192	-0.001	94	273429	50.0	51.1	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	210283	50.0	49.2	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	97	136947	50.0	50.8	
87 Tetrachloroethene	166	8.393	8.393	0.000	99	235992	50.0	52.2	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	91	258210	50.0	50.4	
89 2-Hexanone	43	8.569	8.570	-0.001	95	482648	250.0	246.0	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	42382	50.0	49.4	
91 Chlorodibromomethane	129	8.691	8.691	0.000	97	192759	50.0	51.1	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	163210	50.0	52.0	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	85	437747	50.0	50.0	
94 Chlorobenzene	112	9.203	9.204	-0.001	96	518694	50.0	50.5	
95 Ethylbenzene	106	9.271	9.271	-0.001	98	285428	50.0	50.0	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	95	192563	50.0	51.7	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	99	348630	50.0	51.0	
98 n-Butyl acrylate	73	9.673	9.673	0.000	97	119696	50.0	49.8	
99 o-Xylene	106	9.697	9.697	0.000	94	332255	50.0	51.5	
100 Styrene	104	9.722	9.722	0.000	96	574256	50.0	51.7	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	241946	50.0	48.3	
102 Bromoform	173	9.898	9.899	-0.001	97	132084	50.0	52.2	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	884831	50.0	53.0	
$ 104 4-Bromofluorobenzene	174	10.142	10.142	0.000	0	207028	50.0	49.3	
105 Bromobenzene	156	10.258	10.258	0.000	94	223803	50.0	49.1	
106 1,1,2,2-Tetrachloroethane	83	10.276	10.277	0.000	98	194249	50.0	48.0	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	1070654	50.0	51.1	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	97	57268	50.0	48.5	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	89	56728	50.0	48.0	
111 2-Chlorotoluene	91	10.392	10.386	0.006	96	710699	50.0	50.3	
110 4-Ethyltoluene	105	10.386	10.386	0.000	98	900224	50.0	51.2	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	739573	50.0	50.4	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	631603	50.0	49.9	
114 Butyl Methacrylate	87	10.496	10.496	0.000	90	239173	50.0	50.3	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	655264	50.0	51.7	
116 1,2,4-Trimethylbenzene	105	10.715	10.715	0.000	97	733630	50.0	50.7	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	999286	50.0	51.9	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	839981	50.0	51.6	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	435482	50.0	50.7	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	92	241873	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	94	443434	50.0	51.2	
122 1,2,3-Trimethylbenzene	105	11.032	11.032	0.000	98	777698	50.0	51.3	
123 Benzyl chloride	126	11.130	11.130	0.000	99	80574	50.0	51.5	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	804545	50.0	52.6	
125 p-Diethylbenzene	119	11.209	11.209	0.000	94	490345	50.0	51.2	a
126 n-Butylbenzene	92	11.234	11.228	0.006	97	455754	50.0	51.5	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	98	412874	50.0	50.3	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	717356	50.0	50.2	
129 1,2-Dibromo-3-Chloropropane	157	11.922	11.923	-0.001	94	43421	50.0	48.6	
130 1,3,5-Trichlorobenzene	180	12.044	12.044	0.000	98	319777	50.0	49.0	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	270286	50.0	48.3	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	95	162855	50.0	48.8	
133 Naphthalene	128	12.922	12.922	0.000	99	598050	50.0	47.8	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	255134	50.0	48.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		100.0	101.1	
S 136 1,3-Dichloropropene, Total	100				0		100.0	101.9	
S 137 Xylenes, Total	100				0		100.0	102.5	
S 138 Total BTEX	1				0		250.0	254.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00378	Amount Added:	5.00	Units: uL		
ACROLEIN W_00109	Amount Added:	4.00	Units: uL		
524freon_00025	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00120	Amount Added:	5.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 26-Jul-2020 01:01:09 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70139.D

Injection Date: 25-Jul-2020 07:53:30 Instrument ID: CVOAMS4 Operator ID:

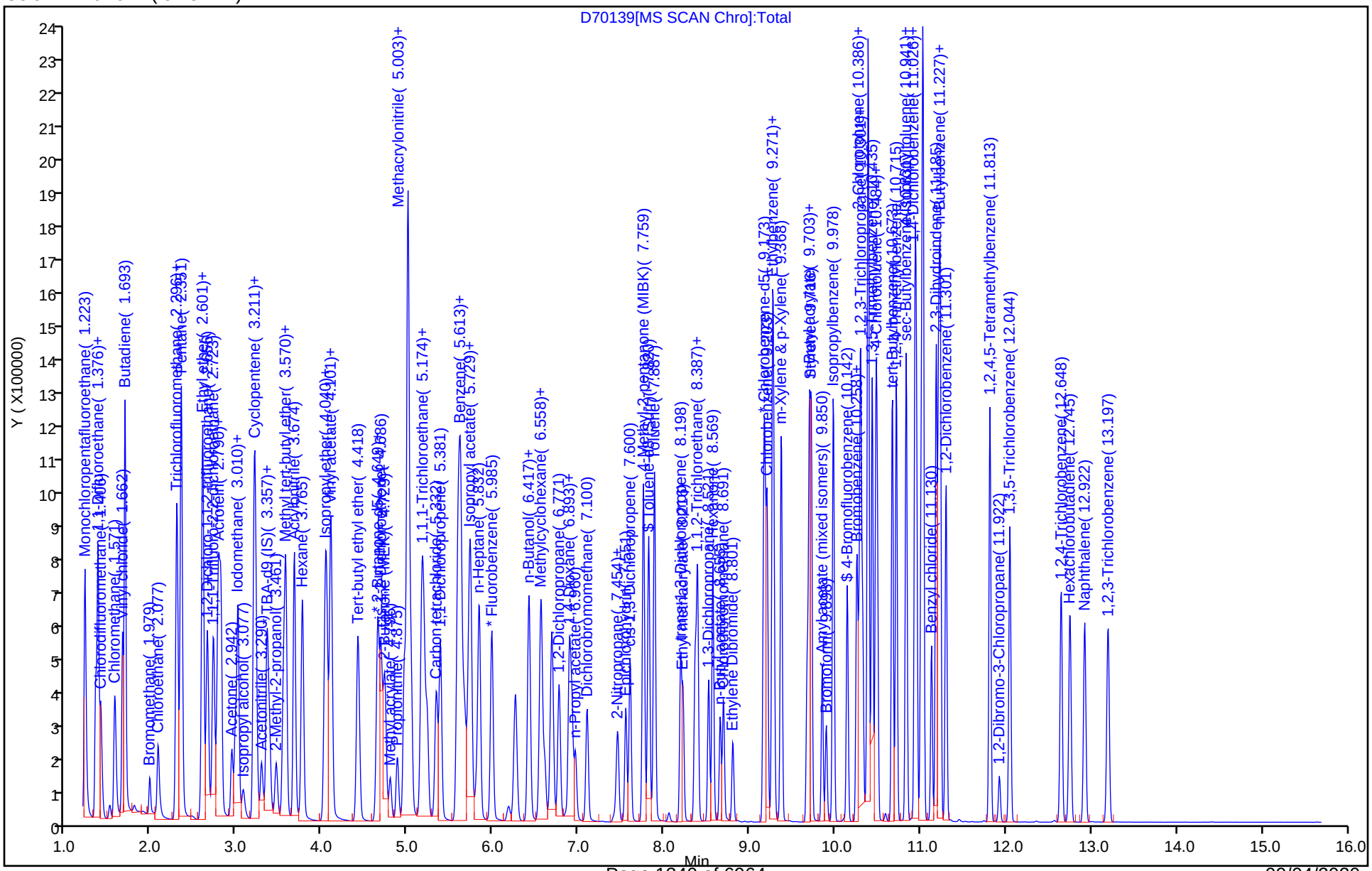
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

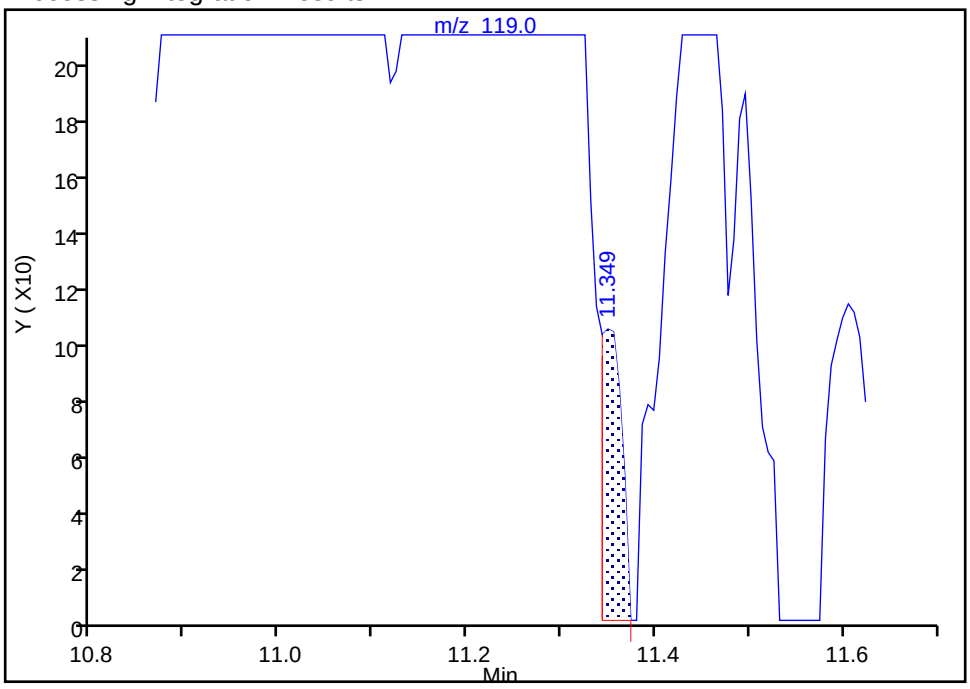
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70139.D
Injection Date: 25-Jul-2020 07:53:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

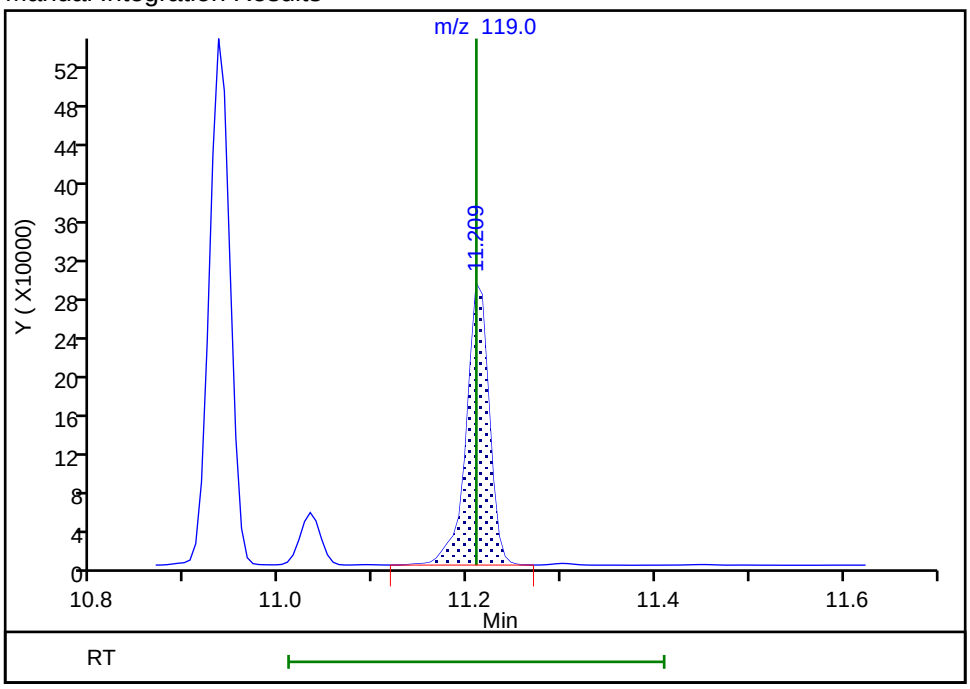
Processing Integration Results

RT: 11.35
Area: 162
Amount: 0.067898
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 490345
Amount: 51.220649
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:48:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70140.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 25-Jul-2020 08:20:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0113878-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:01:19 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: tupayachia Date: 25-Jul-2020 08:50:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	93	239509	200.0	206.3	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	92	737132	200.0	216.1	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	818434	200.0	198.5	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	2464374	200.0	188.6	
5 Chlorodifluoromethane	51	1.406	1.406	0.000	97	1892151	200.0	199.5	
6 Chloromethane	50	1.571	1.571	0.000	99	1844419	200.0	173.0	
8 Vinyl chloride	62	1.662	1.662	0.000	98	2117101	200.0	183.8	
7 Butadiene	54	1.693	1.693	0.000	98	1959209	200.0	182.8	
9 Bromomethane	94	1.979	1.985	-0.006	98	345032	200.0	203.1	
10 Chloroethane	64	2.083	2.089	-0.006	99	852052	200.0	165.3	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	98	2223866	200.0	195.5	
11 Dichlorofluoromethane	67	2.302	2.302	0.000	98	2295492	200.0	196.5	
12 Pentane	72	2.351	2.357	-0.006	96	524384	400.0	381.2	
15 Ethanol	46	2.583	2.577	0.006	93	205665	8000.0	7264.1	
14 Ethyl ether	59	2.595	2.595	0.000	94	913556	200.0	201.5	
16 2-Methyl-1,3-butadiene	53	2.601	2.607	-0.006	97	1211130	200.0	208.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	90	1060187	200.0	199.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.729	-0.006	95	1779955	200.0	208.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.784	-0.006	98	1344579	200.0	201.4	
19 Acrolein	56	2.790	2.790	0.000	96	312176	500.0	511.4	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	1175274	200.0	200.8	
22 Acetone	43	2.943	2.943	0.000	88	1530630	1000.0	1101.4	
23 Iodomethane	142	2.985	2.985	0.000	100	1644596	200.0	211.8	
24 Carbon disulfide	76	3.016	3.016	0.000	99	4173297	200.0	205.8	
25 Isopropyl alcohol	45	3.071	3.071	0.000	98	661322	2000.0	1818.4	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	90	693178	200.0	199.9	
28 Cyclopentene	67	3.211	3.217	-0.006	93	3022879	200.0	209.9	
27 Methyl acetate	43	3.229	3.229	0.000	99	1365450	400.0	407.9	
29 Acetonitrile	40	3.290	3.290	0.000	98	579467	2000.0	2003.2	
30 Methylene Chloride	84	3.351	3.351	0.000	91	1173019	200.0	193.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.375	3.375	0.000	0	483223	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.461	3.455	0.006	98	1133429	2000.0	1812.5	
33 Methyl tert-butyl ether	73	3.546	3.552	-0.006	96	2983376	200.0	203.0	
34 trans-1,2-Dichloroethene	96	3.577	3.577	0.000	95	1220653	200.0	203.7	
35 Acrylonitrile	53	3.674	3.674	0.000	94	3216318	2000.0	2018.5	
36 Hexane	57	3.766	3.766	0.000	92	1842395	200.0	207.7	
37 Isopropyl ether	45	4.034	4.034	0.000	97	3098459	200.0	205.6	
38 1,1-Dichloroethane	63	4.052	4.058	-0.006	99	1996786	200.0	204.5	
39 Vinyl acetate	86	4.095	4.095	0.000	99	452914	400.0	418.1	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	91	1159150	200.0	214.9	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	2941560	200.0	206.0	
43 2,2-Dichloropropane	79	4.643	4.643	0.000	94	517883	200.0	192.9	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	97	371258	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	98	1189301	200.0	200.9	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	581335	1000.0	1010.1	
46 Ethyl acetate	70	4.741	4.741	0.000	98	197800	400.0	401.7	
47 Methyl acrylate	55	4.796	4.796	0.000	100	744483	200.0	205.2	
48 Propionitrile	54	4.881	4.875	0.006	98	1119890	2000.0	1971.8	
50 Tetrahydrofuran	72	4.954	4.960	-0.006	86	236237	400.0	400.7	
49 Chlorobromomethane	128	4.960	4.960	0.000	78	545880	200.0	201.3	
51 Methacrylonitrile	67	5.009	5.003	0.006	93	4014154	2000.0	2164.7	
52 Chloroform	83	5.040	5.040	0.000	99	1973620	200.0	213.9	
53 Cyclohexane	84	5.168	5.168	0.000	89	1757734	200.0	208.0	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	99	1727014	200.0	212.0	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	242679	50.0	50.9	
56 Carbon tetrachloride	117	5.332	5.332	0.000	98	1535369	200.0	214.5	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	97	1532806	200.0	207.3	
58 Isobutyl alcohol	43	5.588	5.588	0.000	89	1813936	5000.0	5394.3	
59 Benzene	78	5.619	5.619	0.000	96	4329045	200.0	209.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	94	256497	50.0	55.5	
61 Tert-amyl methyl ether	87	5.723	5.723	-0.001	91	954743	200.0	220.3	
62 Isopropyl acetate	43	5.729	5.729	0.000	99	2845366	200.0	223.3	
63 1,2-Dichloroethane	62	5.741	5.741	0.000	98	1340255	200.0	214.1	
64 n-Heptane	43	5.838	5.838	0.000	90	1700201	200.0	214.5	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	771793	50.0	50.0	
66 n-Butanol	56	6.411	6.411	0.000	87	686213	5000.0	5057.3	
67 Trichloroethene	95	6.418	6.418	0.000	98	1093673	200.0	208.6	
68 Methylcyclohexane	83	6.558	6.558	0.000	94	1956695	200.0	209.4	
69 Ethyl acrylate	55	6.600	6.600	0.000	98	1195154	200.0	212.8	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	91	983290	200.0	210.7	
* 71 1,4-Dioxane-d8	96	6.856	6.850	0.006	0	43122	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	85	508288	400.0	419.4	
73 1,4-Dioxane	88	6.917	6.917	0.000	95	217634	4000.0	3984.5	
74 Dibromomethane	93	6.917	6.924	-0.007	96	633545	200.0	217.1	
75 n-Propyl acetate	43	6.960	6.960	0.000	98	1165696	200.0	215.4	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	1288593	200.0	209.3	
77 2-Nitropropane	41	7.442	7.442	0.000	97	414871	400.0	400.2	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	90	496624	200.5	209.1	
79 Epichlorohydrin	57	7.551	7.551	0.000	99	1528392	4000.0	4162.1	
80 cis-1,3-Dichloropropene	75	7.600	7.600	0.000	91	1543060	200.0	207.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	96	3686935	1000.0	1084.4	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	98	783324	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.887	0.000	93	4236051	200.0	204.6	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	94	1371123	200.0	209.2	
85 Ethyl methacrylate	69	8.222	8.222	0.000	85	1065012	200.0	211.6	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	95	669964	200.0	203.0	
87 Tetrachloroethene	166	8.393	8.393	0.000	98	1146689	200.0	207.4	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	91	1273431	200.0	202.9	
89 2-Hexanone	43	8.570	8.570	0.000	95	2580500	1000.0	1090.3	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	218495	200.0	208.0	
91 Chlorodibromomethane	129	8.691	8.691	0.000	97	999140	200.0	216.5	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	790418	200.0	205.7	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	87	535950	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	95	2618325	200.0	208.2	
95 Ethylbenzene	106	9.271	9.271	0.000	98	1500449	200.0	214.6	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	96	1020458	200.0	223.8	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	99	1775080	200.0	212.0	
98 n-Butyl acrylate	73	9.673	9.673	0.000	97	597910	200.0	203.0	
99 o-Xylene	106	9.697	9.697	0.000	94	1713719	200.0	217.1	
100 Styrene	104	9.722	9.722	0.000	95	3029395	200.0	222.7	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	1260624	200.0	202.5	
102 Bromoform	173	9.899	9.899	0.000	96	699645	200.0	226.0	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	4508944	200.0	220.7	
$ 104 4-Bromofluorobenzene	174	10.142	10.142	0.000	0	242279	50.0	46.4	
105 Bromobenzene	156	10.258	10.258	0.000	94	1109618	200.0	196.0	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.000	98	1018889	200.0	202.5	
107 N-Propylbenzene	91	10.301	10.295	0.006	99	5527172	200.0	212.1	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	98	301703	200.0	205.6	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	90	306705	200.0	208.9	
111 2-Chlorotoluene	91	10.392	10.386	0.006	96	3881802	200.0	221.2	
110 4-Ethyltoluene	105	10.386	10.386	0.000	98	4719030	200.0	216.0	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	94	3882159	200.0	212.7	
113 4-Chlorotoluene	91	10.478	10.478	0.000	98	3319846	200.0	211.0	
114 Butyl Methacrylate	87	10.496	10.496	0.000	92	1273248	200.0	215.5	
115 tert-Butylbenzene	119	10.673	10.673	0.000	93	3348366	200.0	212.4	
116 1,2,4-Trimethylbenzene	105	10.715	10.715	0.000	97	3855991	200.0	214.2	
117 sec-Butylbenzene	105	10.831	10.831	0.000	98	5131072	200.0	214.3	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	97	4377316	200.0	216.4	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	2260189	200.0	211.7	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	87	300628	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	93	2260250	200.0	209.9	
122 1,2,3-Trimethylbenzene	105	11.032	11.032	0.000	99	4127008	200.0	219.0	
123 Benzyl chloride	126	11.130	11.130	0.000	99	406170	200.0	208.8	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	4145064	200.0	230.0	
125 p-Diethylbenzene	119	11.209	11.209	0.000	93	2535067	200.0	213.1	a
126 n-Butylbenzene	92	11.234	11.228	0.006	98	2422245	200.0	220.4	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	98	2099086	200.0	205.9	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	3709846	200.0	209.0	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	94	225225	200.0	202.8	
130 1,3,5-Trichlorobenzene	180	12.044	12.044	0.000	97	1580769	200.0	195.0	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	1318705	200.0	189.5	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	94	813122	200.0	196.2	
133 Naphthalene	128	12.922	12.922	0.000	99	2908204	200.0	187.0	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	96	1223906	200.0	187.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		400.0	404.7	
S 136 1,3-Dichloropropene, Total	100				0		400.0	416.5	
S 137 Xylenes, Total	100				0		400.0	429.1	
S 138 Total BTEX	1				0		1000.0	1057.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00367	Amount Added:	2.00	Units: uL	
ACROLEIN W_00109	Amount Added:	5.00	Units: uL	
8FreonHi_00021	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00120	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Jul-2020 01:01:20 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70140.D

Injection Date: 25-Jul-2020 08:20:30 Instrument ID: CVOAMS4 Operator ID:

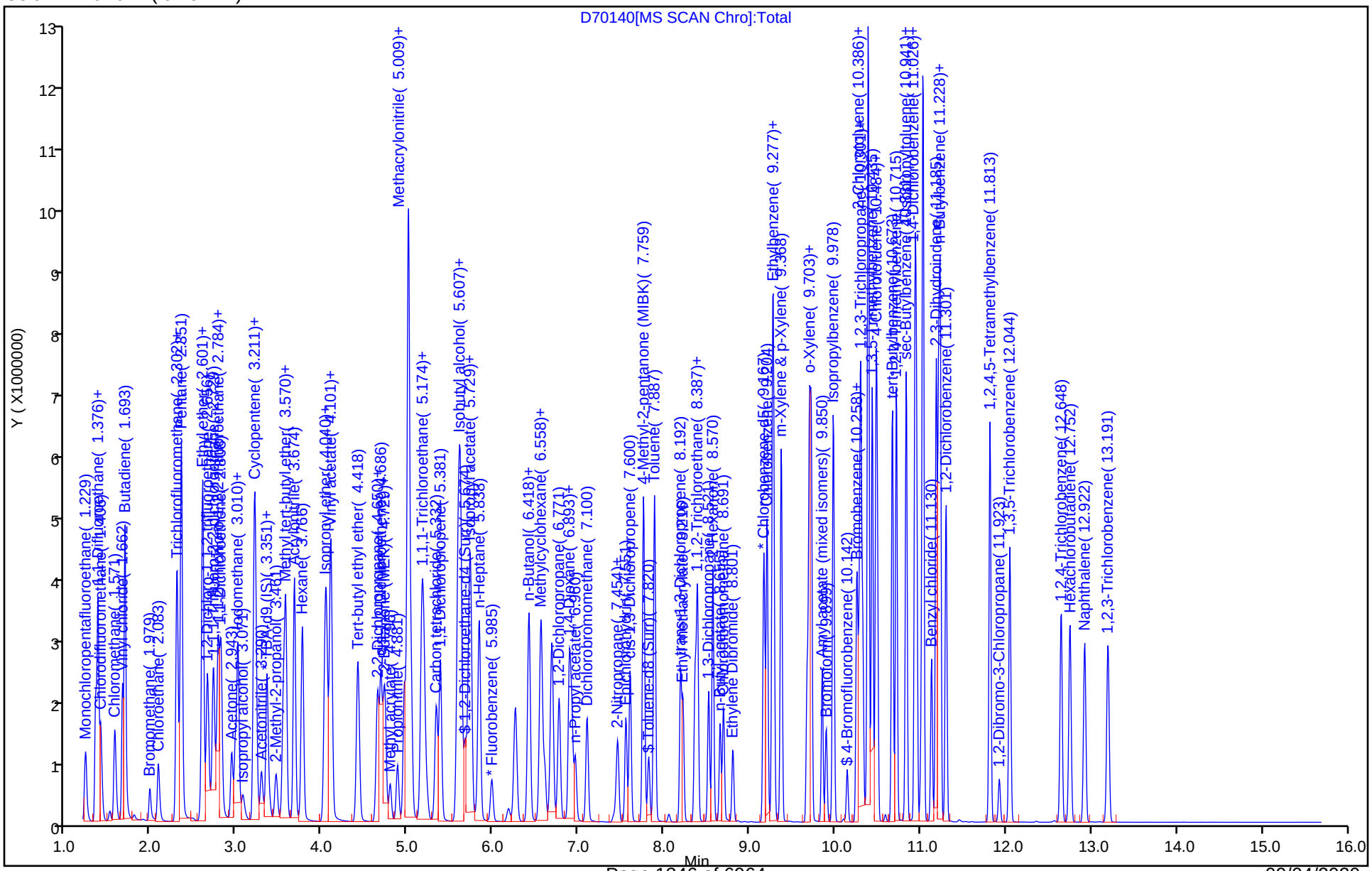
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

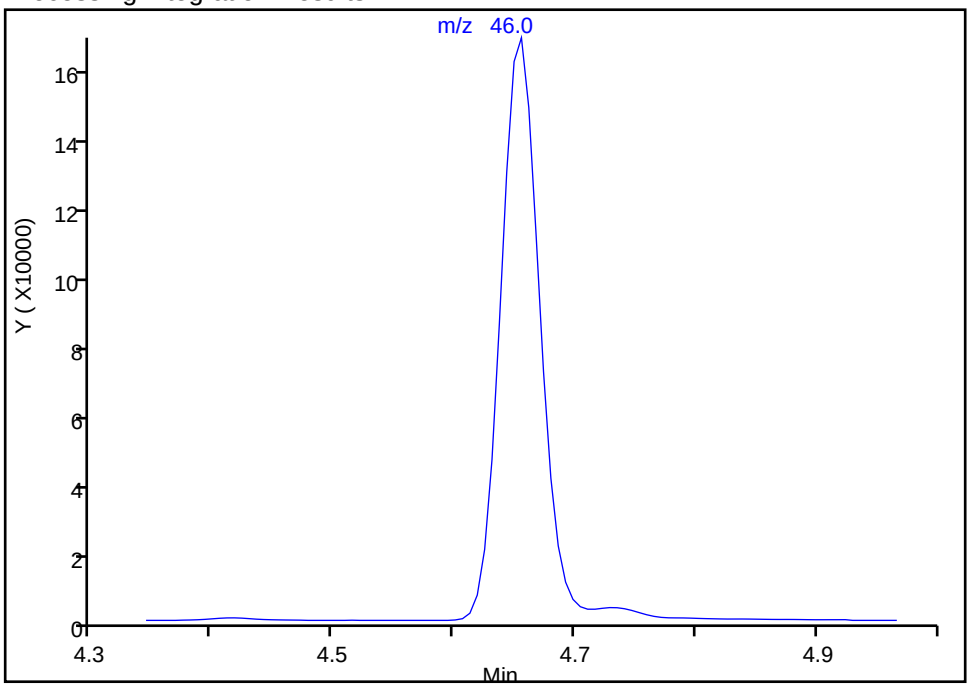
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70140.D
Injection Date: 25-Jul-2020 08:20:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

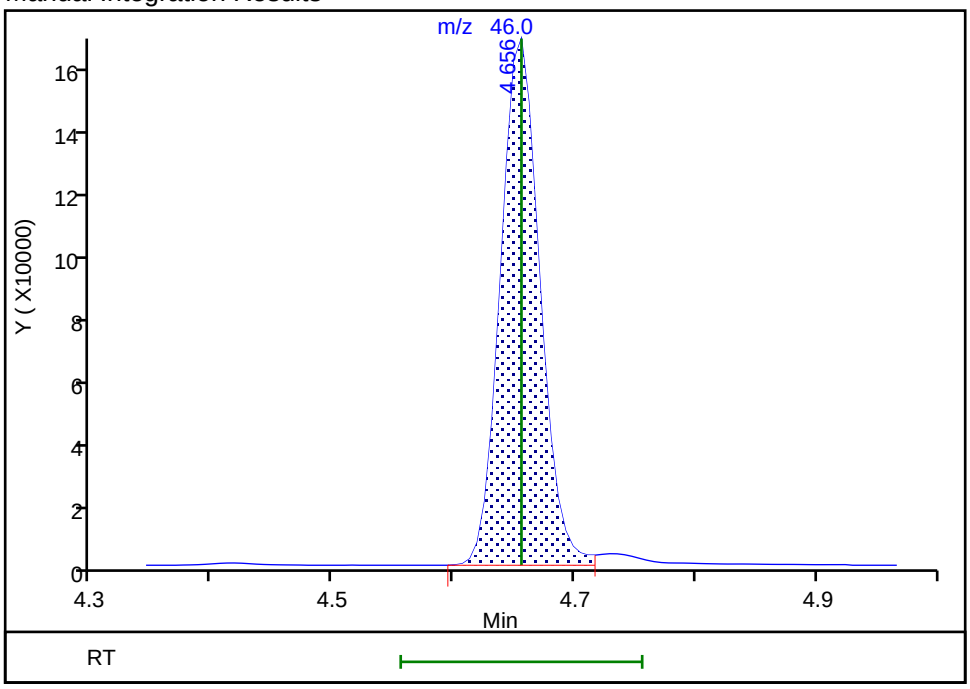
Not Detected
Expected RT: 4.66

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 371258
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:49:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

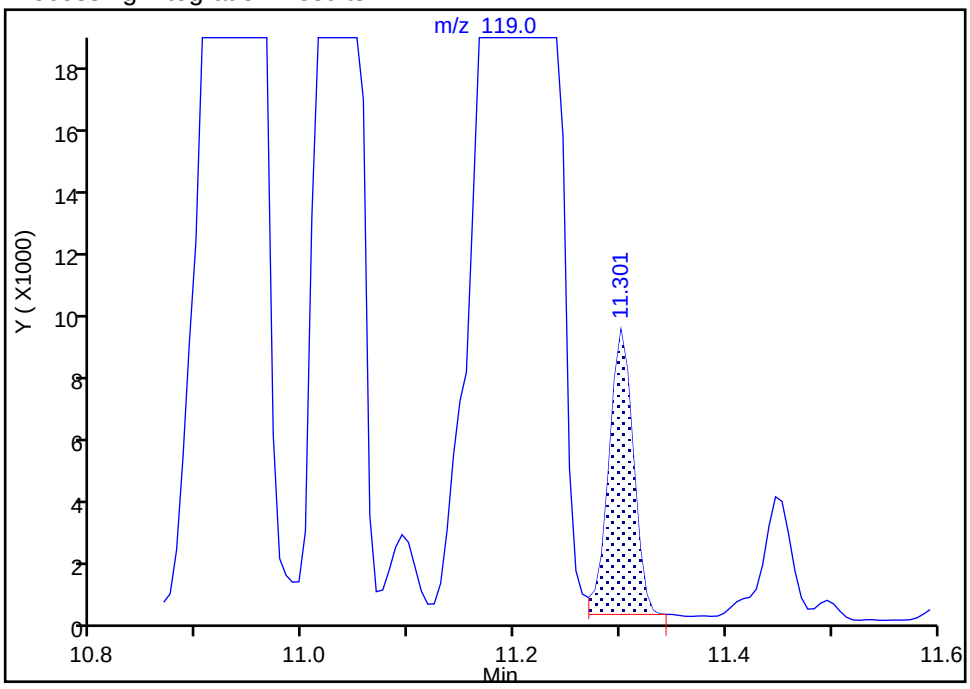
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70140.D
Injection Date: 25-Jul-2020 08:20:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

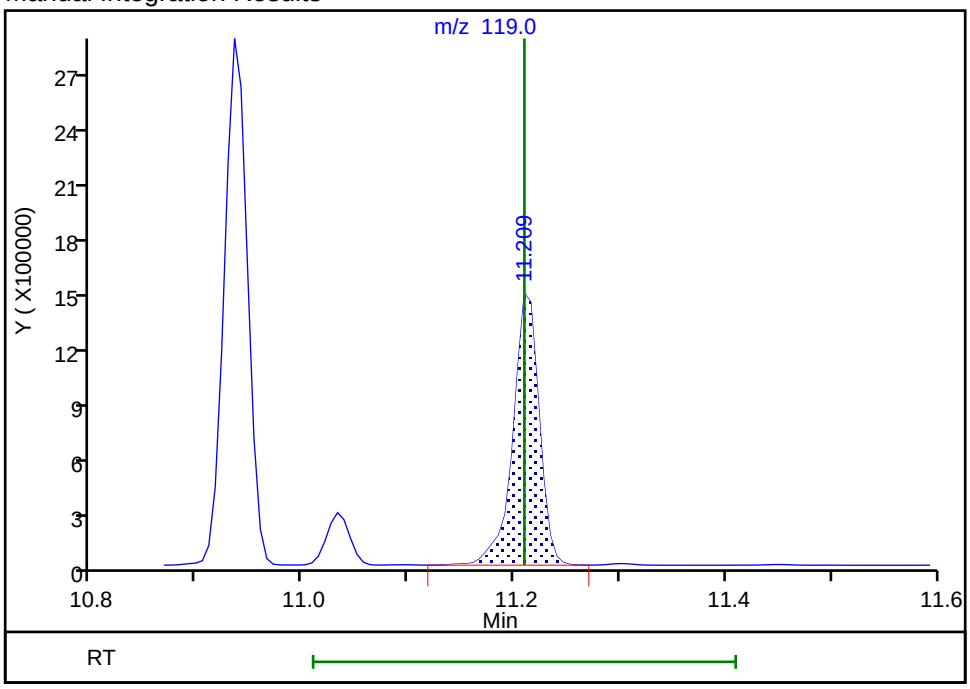
Processing Integration Results

RT: 11.30
Area: 14486
Amount: 2.409600
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 2535067
Amount: 213.0545
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 08:50:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 25-Jul-2020 08:48:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0113878-009
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:01:31 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: tupayachia Date: 25-Jul-2020 09:09:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.236	-0.001	93	609492	500.0	453.5	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	92	1887821	500.0	478.2	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	2168045	500.0	454.3	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	98	6360773	500.0	420.7	
5 Chlorodifluoromethane	51	1.406	1.406	0.000	97	4929768	500.0	449.0	
6 Chloromethane	50	1.571	1.571	0.000	99	4912510	500.0	398.1	
8 Vinyl chloride	62	1.662	1.662	0.000	100	5378112	500.0	403.3	
7 Butadiene	54	1.693	1.693	0.000	98	4958874	500.0	399.7	
9 Bromomethane	94	1.979	1.985	-0.006	97	750685	500.0	499.2	
10 Chloroethane	64	2.071	2.089	-0.018	99	1323762	500.0	222.0	
13 Trichlorofluoromethane	101	2.290	2.296	-0.006	99	5863321	500.0	445.4	
11 Dichlorofluoromethane	67	2.296	2.302	-0.006	98	6156071	500.0	455.3	
12 Pentane	72	2.345	2.357	-0.012	94	1407913	1000.0	884.3	
15 Ethanol	46	2.589	2.577	0.012	97	597245	20000	20610	
14 Ethyl ether	59	2.595	2.595	0.000	84	2607894	500.0	496.9	
16 2-Methyl-1,3-butadiene	53	2.595	2.607	-0.012	97	3355144	500.0	498.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	90	2842256	500.0	461.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.729	2.729	0.000	97	4896212	500.0	494.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.784	-0.006	98	3873893	500.0	501.3	
19 Acrolein	56	2.790	2.790	0.000	96	461439	600.0	738.6	
21 1,1-Dichloroethene	96	2.814	2.815	-0.001	98	3296992	500.0	486.6	
22 Acetone	43	2.942	2.943	-0.001	87	3925145	2500.0	2351.1	
23 Iodomethane	142	2.979	2.985	-0.006	100	4035749	500.0	448.7	
24 Carbon disulfide	76	3.010	3.016	-0.006	99	11471644	500.0	488.9	
25 Isopropyl alcohol	45	3.083	3.071	0.012	98	1840981	5000.0	4945.7	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	86	1992999	500.0	496.7	
28 Cyclopentene	67	3.211	3.217	-0.006	94	7940600	500.0	476.3	
27 Methyl acetate	43	3.229	3.229	0.000	99	4000198	1000.0	1032.6	
29 Acetonitrile	40	3.290	3.290	0.000	98	1668083	5000.0	5634.2	
30 Methylene Chloride	84	3.351	3.351	0.000	91	3388297	500.0	482.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.388	3.375	0.013	0	494577	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.467	3.455	0.012	98	3029964	5000.0	4734.0	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	97	8763459	500.0	515.3	
34 trans-1,2-Dichloroethene	96	3.576	3.577	-0.001	95	3523681	500.0	508.2	
35 Acrylonitrile	53	3.680	3.674	0.006	93	9438266	5000.0	5787.3	
36 Hexane	57	3.765	3.766	-0.001	94	5469236	500.0	532.8	
37 Isopropyl ether	45	4.034	4.034	0.000	97	9110382	500.0	522.3	
38 1,1-Dichloroethane	63	4.058	4.058	0.000	100	5912071	500.0	523.1	
39 Vinyl acetate	86	4.095	4.095	0.000	99	1390362	1000.0	1109.1	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	91	3263456	500.0	522.8	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	8528900	500.0	516.0	
43 2,2-Dichloropropane	79	4.643	4.643	0.000	94	1532118	500.0	493.0	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	98	446428	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	99	3516663	500.0	513.4	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	1684647	2500.0	2434.3	
46 Ethyl acetate	70	4.741	4.741	0.000	98	609536	1000.0	1029.4	
47 Methyl acrylate	55	4.796	4.796	0.000	100	2199898	500.0	524.0	
48 Propionitrile	54	4.887	4.875	0.012	98	3324294	5000.0	4867.7	
50 Tetrahydrofuran	72	4.960	4.960	0.000	91	707289	1000.0	997.7	
49 Chlorobromomethane	128	4.966	4.960	0.006	81	1594964	500.0	508.3	
51 Methacrylonitrile	67	5.021	5.003	0.018	92	11275913	5000.0	5254.1	
52 Chloroform	83	5.046	5.040	0.006	99	5693640	500.0	533.3	
53 Cyclohexane	84	5.168	5.168	0.000	90	5200596	500.0	531.7	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	99	5154102	500.0	546.6	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	96	274996	50.0	49.8	
56 Carbon tetrachloride	117	5.332	5.332	0.000	98	4589392	500.0	553.9	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	98	4627469	500.0	540.6	
58 Isobutyl alcohol	43	5.600	5.588	0.012	93	5823820	12500	16921	
59 Benzene	78	5.619	5.619	0.000	98	12420542	500.0	492.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	88	293438	50.0	54.9	
61 Tert-amyl methyl ether	87	5.729	5.723	0.005	91	2796430	500.0	557.6	
62 Isopropyl acetate	43	5.735	5.729	0.006	98	8601205	500.0	583.3	
63 1,2-Dichloroethane	62	5.747	5.741	0.006	97	4028633	500.0	556.1	
64 n-Heptane	43	5.838	5.838	0.000	90	5275395	500.0	575.0	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	893227	50.0	50.0	
66 n-Butanol	56	6.417	6.411	0.006	62	2187377	12500	15751	
67 Trichloroethene	95	6.424	6.418	0.006	99	3395902	500.0	559.8	
68 Methylcyclohexane	83	6.564	6.558	0.006	96	6051946	500.0	559.6	
69 Ethyl acrylate	55	6.606	6.600	0.006	95	3770526	500.0	580.1	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	91	3027583	500.0	560.5	
* 71 1,4-Dioxane-d8	96	6.856	6.850	0.006	0	60237	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	93	1511206	1000.0	1077.4	
73 1,4-Dioxane	88	6.917	6.917	0.000	95	672186	10000	8809.9	
74 Dibromomethane	93	6.923	6.924	-0.001	97	1794275	500.0	531.3	
75 n-Propyl acetate	43	6.966	6.960	0.006	98	3535486	500.0	564.4	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	3950337	500.0	554.4	
77 2-Nitropropane	41	7.448	7.442	0.006	97	1265702	1000.0	1055.0	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	94	1506574	501.2	548.1	
79 Epichlorohydrin	57	7.557	7.551	0.006	99	4588716	10000	10392	
80 cis-1,3-Dichloropropene	75	7.606	7.600	0.006	91	4802505	500.0	529.8	
81 4-Methyl-2-pentanone (MIBK)	43	7.765	7.759	0.006	95	11143414	2500.0	2725.6	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	98	931453	50.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.893	7.887	0.006	94	11996748	500.0	475.9	
84 trans-1,3-Dichloropropene	75	8.191	8.192	-0.001	94	4214562	500.0	527.9	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	3312159	500.0	568.5	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	96	2095102	500.0	521.4	
87 Tetrachloroethene	166	8.393	8.393	0.000	95	3434045	500.0	510.0	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	91	3919966	500.0	513.0	
89 2-Hexanone	43	8.576	8.570	0.006	94	7854761	2500.0	2759.9	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	657941	500.0	514.2	
91 Chlorodibromomethane	129	8.697	8.691	0.006	98	3056901	500.0	543.9	
92 Ethylene Dibromide	107	8.807	8.801	0.006	98	2377267	500.0	508.0	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	91	652653	50.0	50.0	
94 Chlorobenzene	112	9.203	9.204	-0.001	98	7695709	500.0	502.6	
95 Ethylbenzene	106	9.271	9.271	-0.001	98	4369590	500.0	513.2	
96 1,1,1,2-Tetrachloroethane	131	9.289	9.283	0.006	95	2985997	500.0	537.8	
97 m-Xylene & p-Xylene	106	9.374	9.368	0.006	98	5159127	500.0	506.0	
98 n-Butyl acrylate	73	9.673	9.673	0.000	97	1826493	500.0	509.3	
99 o-Xylene	106	9.703	9.697	0.006	94	4982558	500.0	518.3	
100 Styrene	104	9.722	9.722	0.000	92	8386013	500.0	506.2	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	3773072	500.0	538.5	
102 Bromoform	173	9.898	9.899	-0.001	95	2096826	500.0	556.3	
103 Isopropylbenzene	105	9.984	9.978	0.006	98	11993206	500.0	482.1	
$ 104 4-Bromofluorobenzene	174	10.142	10.142	0.000	0	275665	50.0	46.9	
105 Bromobenzene	156	10.258	10.258	0.000	96	3256543	500.0	511.1	
106 1,1,2,2-Tetrachloroethane	83	10.276	10.277	0.000	98	3154788	500.0	557.0	
107 N-Propylbenzene	91	10.301	10.295	0.006	99	14192219	500.0	483.7	e
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	97	916948	500.0	555.2	
109 trans-1,4-Dichloro-2-butene	53	10.331	10.325	0.006	88	945707	500.0	572.2	
111 2-Chlorotoluene	91	10.392	10.386	0.006	97	10401980	500.0	526.5	
110 4-Ethyltoluene	105	10.386	10.386	0.000	96	11625975	500.0	472.7	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	10713965	500.0	521.5	
113 4-Chlorotoluene	91	10.484	10.478	0.006	98	9191233	500.0	518.9	
114 Butyl Methacrylate	87	10.496	10.496	0.000	92	3670890	500.0	552.0	
115 tert-Butylbenzene	119	10.673	10.673	0.000	91	9234780	500.0	520.4	
116 1,2,4-Trimethylbenzene	105	10.721	10.715	0.006	98	10430359	500.0	514.7	
117 sec-Butylbenzene	105	10.837	10.831	0.006	96	12947715	500.0	480.5	
118 4-Isopropyltoluene	119	10.941	10.935	0.006	95	11367280	500.0	499.2	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	96	6101542	500.0	507.8	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	90	338413	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	93	5835346	500.0	481.4	
122 1,2,3-Trimethylbenzene	105	11.032	11.032	0.000	98	10546493	500.0	497.1	
123 Benzyl chloride	126	11.130	11.130	0.000	99	1154381	500.0	527.1	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	10803347	500.0	517.9	
125 p-Diethylbenzene	119	11.215	11.209	0.006	91	6947370	500.0	518.7	
126 n-Butylbenzene	92	11.234	11.228	0.006	98	6826056	500.0	551.7	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	95	5888883	500.0	513.1	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	10358624	500.0	518.5	
129 1,2-Dibromo-3-Chloropropane	157	11.922	11.923	-0.001	94	701521	500.0	561.2	
130 1,3,5-Trichlorobenzene	180	12.050	12.044	0.006	97	4717287	500.0	516.9	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	4171763	500.0	532.6	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	93	2622024	500.0	562.0	
133 Naphthalene	128	12.922	12.922	0.000	98	8932940	500.0	510.4	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	3903286	500.0	531.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		1000.0	1021.5	
S 136 1,3-Dichloropropene, Total	100				0		1000.0	1057.8	
S 137 Xylenes, Total	100				0		1000.0	1024.2	
S 138 Total BTEX	1				0		2500.0	2505.8	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
a - User Assigned ID

Reagents:

GAS Hi_00367	Amount Added:	5.00	Units: uL	
ACROLEIN W_00109	Amount Added:	6.00	Units: uL	
8FreonHi_00021	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00120	Amount Added:	50.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Jul-2020 01:01:32 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Injection Date: 25-Jul-2020 08:48:30 Instrument ID: CVOAMS4 Operator ID:

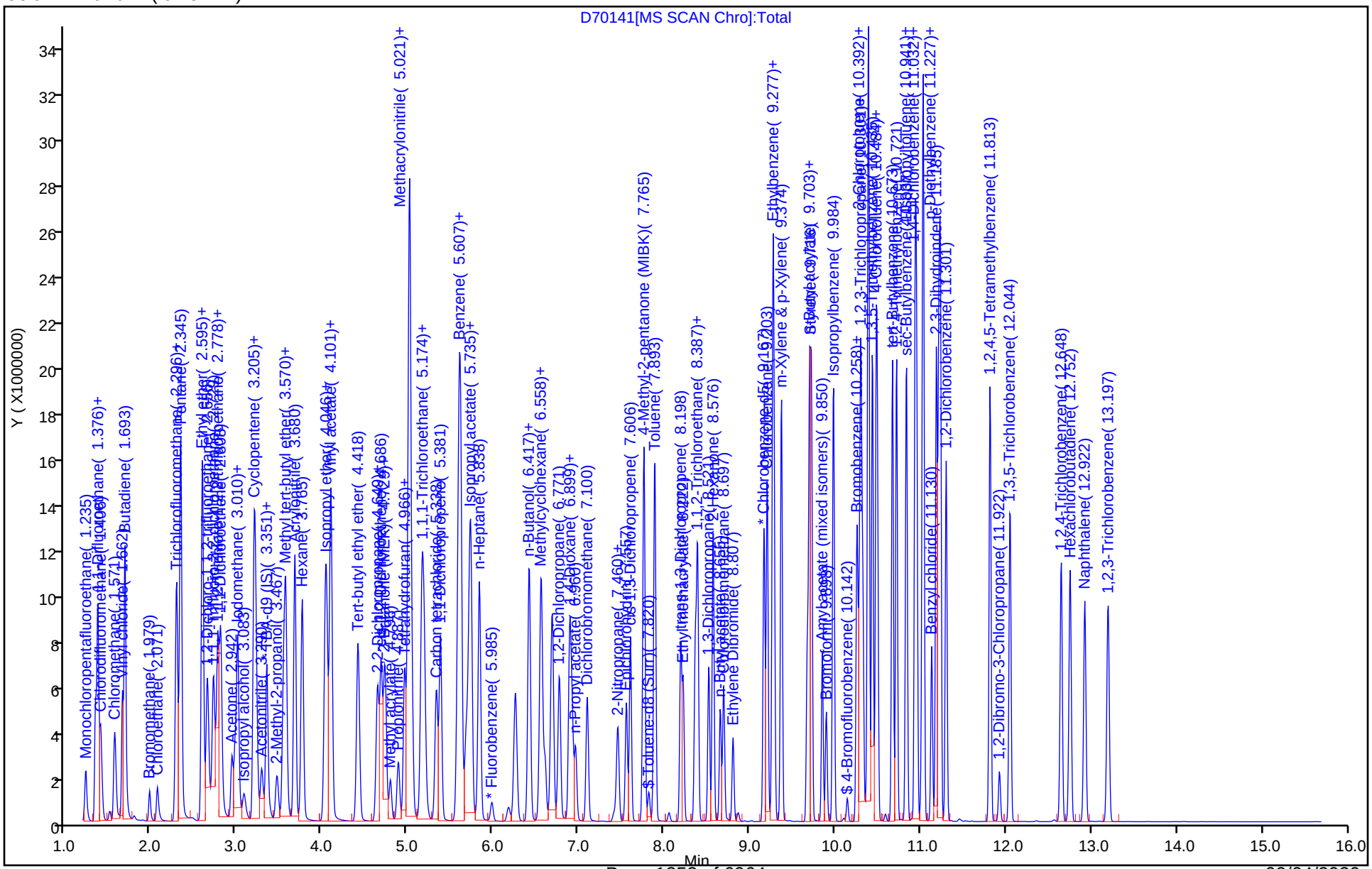
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

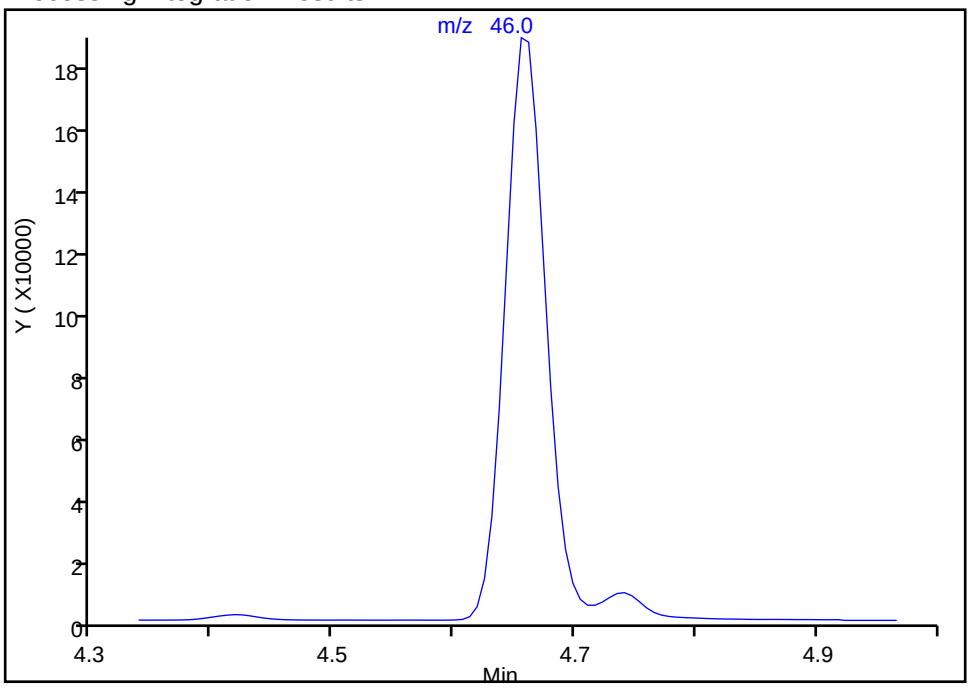
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D
Injection Date: 25-Jul-2020 08:48:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

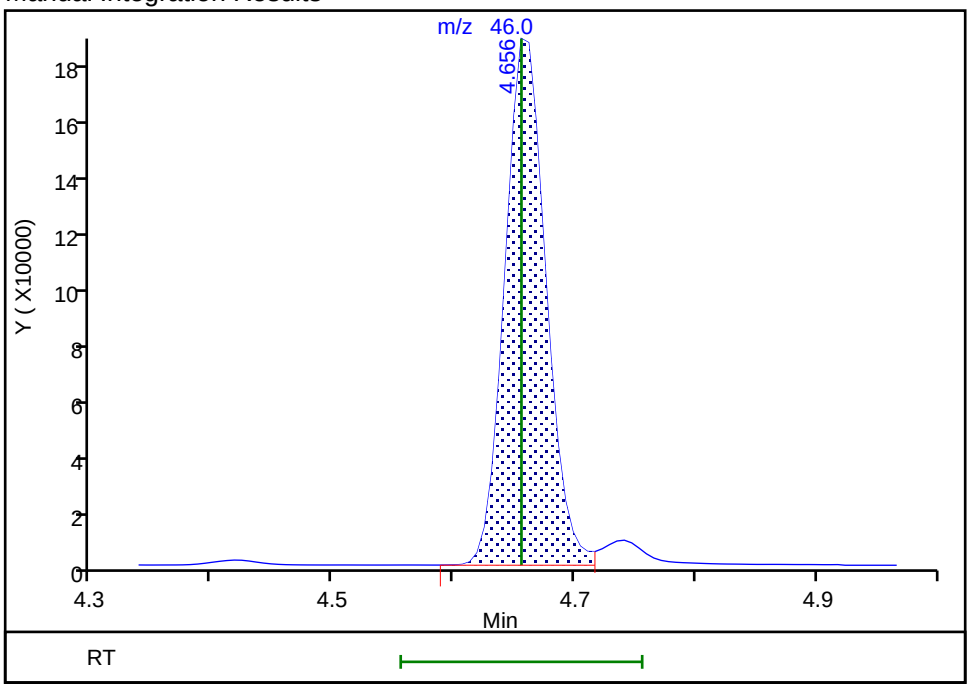
Not Detected
Expected RT: 4.66

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 446428
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 25-Jul-2020 09:08:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-716277/3	E15845.D
Level 2	STD1 460-716277/5	E15847.D
Level 3	STD5 460-716277/6	E15848.D
Level 4	STD20 460-716277/7	E15849.D
Level 5	STD50 460-716277/8	E15850.D
Level 6	STD200 460-716277/15	E15857.D
Level 7	STD500 460-716277/10	E15852.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ +++++	0.0392 +++++	0.0368	0.0287	+++++	Ave		0.0349				15.8		20.0			
Chlorotrifluoroethene	+++++ 0.1422	1.1826 0.1519	1.1529	1.1422	0.1214	Ave		0.6489				86.2	*	20.0			
Dichlorodifluoromethane	+++++ 0.3603	0.4205 0.3703	0.4101	0.4357	0.3712	Ave		0.3947			0.1000	7.9		20.0			
1,1-Difluoroethane	+++++ 0.0584	0.1581 0.0591	0.1423	0.1482	0.0566	Ave		0.1038				48.6	*	20.0			
Chlorodifluoromethane	+++++ 0.0399	0.0962 0.0375	0.0692	0.0633	0.0377	Ave		0.0573				41.1	*	20.0			
Vinyl chloride	+++++ 0.3631	0.4013 0.3817	0.3671	0.3920	0.3851	Ave		0.3817			0.1000	3.8		20.0			
Chloromethane	+++++ 0.4486	0.4608 0.4789	0.4555	0.5052	0.4923	Ave		0.4736			0.1000	4.7		20.0			
Butadiene	0.4709 0.3140	0.3600 0.3274	0.3108	0.3464	0.3317	Lin2	0.0365	0.3241							0.9980		0.9900
Bromomethane	+++++ 0.2300	0.2407 0.2192	0.2542	0.2464	0.2513	Ave		0.2403			0.1000	5.6		20.0			
Chloroethane	+++++ 1.8674	2.4613 1.6118	2.0980	2.5443	2.5746	Ave		2.1929			0.1000	18.2		20.0			
Pentane	+++++ 0.3965	0.4544 0.3523	0.4256	0.3669	0.3710	Ave		0.3944				9.9		20.0			
Trichlorofluoromethane	+++++ 0.4724	0.4958 0.4535	0.4771	0.5172	0.5130	Ave		0.4882			0.1000	5.1		20.0			
Dichlorofluoromethane	+++++ 0.5204	0.5840 0.5140	0.5174	0.5712	0.5689	Ave		0.5460				5.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.4837	0.4850 0.4642	0.4929	0.4549	0.4526	Ave		0.4722				3.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2651	0.3053 0.2512	0.2887	0.2726	0.2733	Ave		0.2760				6.8		20.0			
Ethanol	+++++ 0.1134	0.1308 0.0946	0.1037	0.1124	0.1099	Ave		0.1108				10.8		20.0			
1,1-Dichloroethene	+++++ 0.3059	0.3441 0.2907	0.3368	0.3077	0.3090	Ave		0.3157			0.1000	6.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.4336	0.4645 0.3940	0.4739	0.4486	0.4195	Ave		0.4390				6.7		20.0			
Carbon disulfide	+++++ 1.0233	0.9946 0.9844	0.9611	0.9758	1.0177	Ave		0.9928			0.1000	2.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2573	0.2894 0.2345	0.2716	0.2486	0.2566	Ave		0.2597			0.1000	7.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4731	0.5600 0.4384	0.5152	0.4715	0.4454	Ave		0.4839				9.5		20.0			
Iodomethane	+++++ 0.4853	0.3126 0.4826	0.3724	0.4343	0.5061	Ave		0.4322				17.5		20.0			
Cyclopentene	+++++ 0.7720	0.8199 0.7236	0.7921	0.7652	0.7422	Ave		0.7692				4.5		20.0			
Acrolein	+++++ 0.6399	0.7427 0.6818	0.5718	0.5245	0.4500	Ave		0.6018				17.8		20.0			
Allyl chloride	+++++ 0.1981	0.2193 0.1860	0.2078	0.1996	0.2038	Ave		0.2024				5.5		20.0			
Isopropyl alcohol	+++++ 0.6046	0.7118 0.5479	0.6502	0.6064	0.6037	Ave		0.6208				8.9		20.0			
Methylene Chloride	+++++ 0.3530	0.4335 0.3469	0.3878	0.3744	0.3737	Ave		0.3782			0.1000	8.2		20.0			
Acetone	+++++ 0.2780	0.3416 0.2795	0.3292	0.2843	0.2904	Ave		0.3005			0.0500	9.2		20.0			
trans-1,2-Dichloroethene	+++++ 0.3505	0.3988 0.3377	0.3917	0.3562	0.3584	Ave		0.3655			0.1000	6.6		20.0			
Methyl acetate	+++++ 1.9499	1.9433 2.1539	2.2505	2.0415	2.1993	Ave		2.0897			0.1000	6.3		20.0			
Hexane	+++++ 1.3046	1.7881 1.4184	1.2515	1.2978	1.3048	Ave		1.3942				14.4		20.0			
Methyl tert-butyl ether	+++++ 1.0184	1.0468 0.9956	1.0755	1.0400	1.0505	Ave		1.0378			0.1000	2.7		20.0			
2-Methyl-2-propanol	+++++ 1.1476	1.5310 1.1590	1.2355	1.1857	1.1907	Ave		1.2416				11.7		20.0			
Acetonitrile	+++++ 1.0936	1.2619 1.1521	1.1952	1.0788	1.1376	Ave		1.1532				5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	+++++ 0.9085	0.9351 0.8504	0.9345	0.9244	0.9315	Ave		0.9141				3.6		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3193	0.3235 0.3081	0.3263	0.3048	0.3174	Ave		0.3166				2.7		20.0			
1,1-Dichloroethane	+++++ 0.5800	0.6391 0.5508	0.6303	0.5987	0.6117	Ave		0.6018			0.2000	5.5		20.0			
Acrylonitrile	0.1380 0.1084	0.1170 0.1038	0.1164	0.1089	0.1081	Ave		0.1144				10.0		20.0			
Tert-butyl ethyl ether	+++++ 0.9782	1.0062 0.9520	1.0304	0.9147	0.9596	Ave		0.9735				4.2		20.0			
Vinyl acetate	+++++ 0.8239	0.7638 0.8612	0.7013	0.7838	0.6059	Ave		0.7567				12.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.3534	0.4026 0.3658	0.3574	0.3390	0.3525	Ave		0.3618			0.1000	6.0		20.0			
2,2-Dichloropropane	+++++ 0.4833	0.4930 0.4176	0.4182	0.4029	0.4244	Ave		0.4399				8.7		20.0			
Cyclohexane	+++++ 0.2783	0.2926 0.2747	0.2638	0.2641	0.2645	Ave		0.2730			0.1000	4.2		20.0			
Chlorobromomethane	+++++ 0.1730	0.1776 0.1735	0.1908	0.1764	0.1841	Ave		0.1792				3.9		20.0			
Chloroform	+++++ 0.5644	0.6039 0.5591	0.5861	0.5645	0.5817	Ave		0.5766			0.2000	3.0		20.0			
Carbon tetrachloride	+++++ 0.3700	0.3422 0.3722	0.3578	0.3296	0.3539	Ave		0.3543			0.1000	4.6		20.0			
Ethyl acetate	+++++ 0.3891	0.3439 0.4289	0.3676	0.3795	0.3782	Ave		0.3812				7.3		20.0			
Methyl acrylate	+++++ 0.2712	0.1746 0.2541	0.2386	0.2351	0.2559	Ave		0.2383				14.2		20.0			
Tetrahydrofuran	+++++ 1.1338	1.1946 1.1557	1.1349	1.1415	1.2031	Ave		1.1606				2.7		20.0			
1,1,1-Trichloroethane	+++++ 0.4672	0.4593 0.4536	0.4543	0.4508	0.4731	Ave		0.4597			0.1000	1.9		20.0			
1,1-Dichloropropene	+++++ 0.4012	0.5598 0.3986	0.4448	0.3917	0.3939	Ave		0.4316				15.2		20.0			
2-Butanone (MEK)	+++++ 0.4294	0.4131 0.4630	0.4628	0.3980	0.4814	Ave		0.4413			0.0500	7.4		20.0			
2,2,4-Trimethylpentane	+++++ 0.3813	0.6379 0.3880	0.3946	0.3177	0.3570	Lin2	0.2794	0.3533							0.9920		0.9900
n-Heptane	+++++ 0.0962	0.1060 0.0920	0.0989	0.0919	0.0925	Ave		0.0963				5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	+++++ 1.4860	1.5282 1.5450	1.4500	1.4398	1.5033	Ave		1.4921			0.5000	2.8		20.0			
Propionitrile	+++++ 1.4318	1.2613 1.5688	1.3519	1.3450	1.4431	Ave		1.4003				7.6		20.0			
Methacrylonitrile	+++++ 0.1447	0.1123 0.1367	0.1259	0.1288	0.1355	Ave		0.1306				8.5		20.0			
Tert-amyl methyl ether	+++++ 0.9529	0.9061 0.9290	0.8938	0.9027	0.9276	Ave		0.9187				2.4		20.0			
1,2-Dichloroethane	+++++ 0.4227	0.4559 0.4049	0.4474	0.4420	0.4460	Ave		0.4365			0.1000	4.3		20.0			
Isobutyl alcohol	+++++ 0.4049	0.2749 0.4374	0.3348	0.3333	0.3749	Ave		0.3600				16.1		20.0			
Isopropyl acetate	+++++ 0.5126	0.4543 0.4688	0.5236	0.4867	0.5155	Ave		0.4936				5.7		20.0			
Methylcyclohexane	+++++ 0.2326	0.2762 0.2302	0.2278	0.2069	0.2255	Ave		0.2332			0.1000	9.9		20.0			
Trichloroethene	+++++ 0.3093	0.3258 0.3050	0.3278	0.2993	0.3231	Ave		0.3150			0.2000	3.8		20.0			
Dibromomethane	+++++ 0.2051	0.2463 0.1986	0.2218	0.1983	0.2080	Ave		0.2130				8.6		20.0			
n-Butanol	+++++ 0.2957	0.1163 0.3042	0.1962	0.2184	0.2459	Qua2	-3.026	0.2340	0.0000066						0.9950		0.9900
1,2-Dichloropropane	+++++ 0.3089	0.2755 0.3081	0.3053	0.2936	0.3105	Ave		0.3003			0.1000	4.5		20.0			
Dichlorobromomethane	+++++ 0.4320	0.3939 0.4324	0.3999	0.4086	0.4287	Ave		0.4159			0.2000	4.1		20.0			
Ethyl acrylate	+++++ 0.3913	0.2594 0.3656	0.3174	0.3332	0.3646	Ave		0.3386				13.8		20.0			
Methyl methacrylate	+++++ 0.0975	0.0861 0.0941	0.0795	0.0892	0.0903	Ave		0.0894				7.0		20.0			
1,4-Dioxane	+++++ 1.2369	1.2952 1.0110	1.2513	1.2493	1.1909	Ave		1.2058				8.4		20.0			
n-Propyl acetate	+++++ 0.3757	0.3315 0.3561	0.3439	0.3468	0.3661	Ave		0.3533				4.5		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2162	0.1461 0.2082	0.1726	0.1798	0.2033	Ave		0.1877				14.1		20.0			
cis-1,3-Dichloropropene	+++++ 0.6246	0.4925 0.6293	0.5274	0.5629	0.6049	Ave		0.5736			0.2000	9.7		20.0			
Toluene	+++++ 1.5347	1.6413 1.5617	1.5900	1.5165	1.5589	Ave		1.5672			0.4000	2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.2167 0.3022	0.1926 0.3205	0.2591	0.2772	0.2915	Ave		0.2657				17.5		20.0			
2-Nitropropane	+++++ 2.4847	2.1932 2.8780	1.9263	1.9588	2.2013	Ave		2.2737				15.8		20.0			
Tetrachloroethene	+++++ 0.2539	0.2616 0.2511	0.2663	0.2390	0.2538	Ave		0.2543			0.2000	3.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.6727	2.5163 2.8285	2.6221	2.6998	2.7840	Ave		2.6872			0.0500	4.2		20.0			
trans-1,3-Dichloropropene	+++++ 0.5745	0.4530 0.5704	0.4926	0.5209	0.5778	Ave		0.5315			0.1000	9.7		20.0			
1,1,2-Trichloroethane	+++++ 0.2805	0.2684 0.2825	0.2920	0.2695	0.2846	Ave		0.2796			0.1000	3.3		20.0			
Ethyl methacrylate	+++++ 0.4975	0.4446 0.5083	0.3967	0.4318	0.4621	Ave		0.4568				9.1		20.0			
Chlorodibromomethane	+++++ 0.3820	0.3144 0.3978	0.3158	0.3404	0.3761	Ave		0.3544			0.1000	10.1		20.0			
1,3-Dichloropropane	+++++ 0.5782	0.5069 0.5937	0.5796	0.5586	0.5926	Ave		0.5683				5.7		20.0			
Ethylene Dibromide	+++++ 0.3601	0.3549 0.3602	0.3613	0.3432	0.3628	Ave		0.3571			0.1000	2.0		20.0			
n-Butyl acetate	+++++ 0.4876	0.4171 0.4796	0.3748	0.4173	0.4387	Ave		0.4359				9.7		20.0			
2-Hexanone	+++++ 1.9046	1.6516 2.0941	1.7953	1.8381	1.9267	Ave		1.8684			0.0500	7.9		20.0			
Chlorobenzene	+++++ 0.9574	0.9451 0.9926	0.9836	0.9610	0.9761	Ave		0.9693			0.5000	1.8		20.0			
Ethylbenzene	+++++ 0.4374	0.4167 0.4488	0.4303	0.4343	0.4336	Ave		0.4335			0.1000	2.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3089	0.2819 0.3199	0.3003	0.2926	0.3130	Ave		0.3028				4.6		20.0			
m-Xylene & p-Xylene	+++++ 0.5427	0.4971 0.5545	0.5019	0.5187	0.5374	Ave		0.5254			0.1000	4.4		20.0			
o-Xylene	+++++ 0.5481	0.4790 0.5654	0.5632	0.5229	0.5475	Ave		0.5377			0.3000	6.0		20.0			
Bromoform	+++++ 0.6215	0.4116 0.6570	0.5085	0.5504	0.5916	Ave		0.5568			0.1000	15.8		20.0			
Styrene	+++++ 1.0017	0.8232 1.0262	0.9372	0.9329	1.0059	Ave		0.9545			0.3000	7.8		20.0			
n-Butyl acrylate	+++++ 0.2716	0.1412 0.3056	0.1605	0.1946	0.2174	Qua2	-0.061	0.1972	0.0002395						0.9940		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	+++++ 1.0730	1.0163 1.0936	0.9937	1.0299	1.0849	Ave		1.0486			0.1000	3.9		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2963	1.1914 1.3914	0.9665	1.0988	1.2216	Ave		1.1943				12.5		20.0			
Bromobenzene	+++++ 1.0026	1.0541 1.0058	1.0211	1.0467	1.0679	Ave		1.0330				2.6		20.0			
N-Propylbenzene	+++++ 3.0295	2.9654 3.0230	2.9938	2.9602	3.1165	Ave		3.0148				1.9		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.1340	1.0863 1.1290	1.1316	1.1323	1.0983	Ave		1.1186			0.3000	1.9		20.0			
2-Chlorotoluene	+++++ 2.4137	2.5526 2.3567	2.5997	2.4769	2.5531	Ave		2.4921				3.8		20.0			
4-Ethyltoluene	+++++ 2.5471	2.4014 2.5065	2.3218	2.4794	2.5246	Ave		2.4635				3.5		20.0			
1,2,3-Trichloropropane	+++++ 0.3487	0.3428 0.3488	0.3688	0.3751	0.3671	Ave		0.3586				3.7		20.0			
1,3,5-Trimethylbenzene	+++++ 1.9748	1.6733 2.0313	1.9793	1.9339	2.0502	Ave		1.9405				7.1		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.5391	0.3797 0.5446	0.3563	0.3684	0.4443	Ave		0.4387				19.5		20.0			
4-Chlorotoluene	+++++ 2.4323	2.3341 2.3935	2.2944	2.3834	2.5356	Ave		2.3956				3.5		20.0			
tert-Butylbenzene	+++++ 1.6537	1.6606 1.7113	1.6441	1.6077	1.7001	Ave		1.6629				2.3		20.0			
1,2,4-Trimethylbenzene	+++++ 1.9938	2.0183 2.0866	1.8792	1.9047	2.0346	Ave		1.9862				4.0		20.0			
Butyl Methacrylate	+++++ 0.9969	0.5278 1.1641	0.6516	0.7399	0.8515	Qua2	-0.252	0.7649	0.0008554						0.9970		0.9900
sec-Butylbenzene	+++++ 2.2705	2.2920 2.3603	2.3375	2.1981	2.2839	Ave		2.2904				2.5		20.0			
1,3-Dichlorobenzene	+++++ 1.4299	1.5261 1.4358	1.4639	1.4475	1.4689	Ave		1.4620			0.6000	2.4		20.0			
4-Isopropyltoluene	+++++ 1.8794	1.7071 1.9537	1.6757	1.7320	1.8560	Ave		1.8007				6.2		20.0			
1,4-Dichlorobenzene	+++++ 1.4922	1.6733 1.4970	1.6024	1.5180	1.5527	Ave		1.5559			0.5000	4.5		20.0			
1,2,3-Trimethylbenzene	+++++ 2.1679	2.1472 2.2292	2.1347	2.1138	2.1667	Ave		2.1599				1.8		20.0			
Indan	+++++ 2.7744	2.6205 2.7874	2.8165	2.7629	2.7562	Ave		2.7530				2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	+++++ 0.5037	0.2135 0.4207	0.2159	0.2637	0.3229	Lin	-0.161	0.4314							0.9920		0.9900
p-Diethylbenzene	+++++ 0.9000	0.7677 0.9190	0.8485	0.7976	0.8386	Ave		0.8452				6.9		20.0			
n-Butylbenzene	+++++ 0.7822	0.7327 0.8204	0.7121	0.7242	0.7801	Ave		0.7586				5.5		20.0			
1,2-Dichlorobenzene	+++++ 1.5361	1.4028 1.5165	1.6227	1.5682	1.5923	Ave		1.5398			0.4000	5.0		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.7148	2.0790 1.5286	1.8170	1.8845	1.9207	Ave		1.8241				10.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2717	0.1791 0.2634	0.2376	0.2328	0.2557	Ave		0.2401			0.0500	13.9		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6525	0.6527 0.6389	0.7224	0.6632	0.6610	Ave		0.6651				4.4		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6136	0.6502 0.6211	0.6706	0.6722	0.6758	Ave		0.6506			0.2000	4.2		20.0			
Hexachlorobutadiene	+++++ 0.3087	0.2520 0.2992	0.3114	0.2824	0.3044	Ave		0.2930				7.7		20.0			
Naphthalene	+++++ 2.2415	2.8474 2.1800	2.7732	2.6754	2.5629	Ave		2.5467				10.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6129	0.6279 0.6004	0.6939	0.6555	0.6664	Ave		0.6429				5.5		20.0			
Dibromofluoromethane (Surr)	0.2917 0.2837	0.2817 0.2722	0.2859	0.2812	0.2849	Ave		0.2830				2.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3555 0.3177	0.3412 0.3052	0.3431	0.3455	0.3315	Ave		0.3342				5.2		20.0			
Toluene-d8 (Surr)	1.2833 1.2225	1.2576 1.2207	1.2538	1.2346	1.2338	Ave		1.2438				1.8		20.0			
4-Bromofluorobenzene	0.3028 0.3249	0.3119 0.3322	0.3088	0.3159	0.3159	Ave		0.3161				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-716277/3	E15845.D
Level 2	STD1 460-716277/5	E15847.D
Level 3	STD5 460-716277/6	E15848.D
Level 4	STD20 460-716277/7	E15849.D
Level 5	STD50 460-716277/8	E15850.D
Level 6	STD200 460-716277/15	E15857.D
Level 7	STD500 460-716277/10	E15852.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	+++++ +++++	421 +++++	1967	6250	+++++	+++++ +++++	1.00 +++++	5.00	20.0	+++++
Chlorotrifluoroethene	BUT	Ave	+++++ 31384	1231 74577	5877	23058	6202	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 827286	4513 2192919	21896	94871	206056	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	+++++ 134053	1697 350119	7600	32278	31392	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 91615	1033 221887	3696	13791	20929	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 833817	4307 2260299	19602	85369	213772	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1030039	4946 2836134	24320	110015	273301	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Lin2	1220 720929	3864 1938903	16592	75432	184133	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 528192	2583 1297986	13571	53654	139512	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	BUT	Ave	+++++ 412245	2562 791178	10695	51362	131482	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	BUT	Ave	+++++ 175052	946 345809	4339	14813	37893	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1084699	5321 2685753	25474	112629	284782	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1195037	6268 3043820	27623	124381	315772	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 1110589	5205 2749181	26319	99055	251240	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 608724	3277 1487937	15413	59364	151725	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethanol	TBAd9	Ave	+++++ 298222	1685 520739	6302	27400	65745	+++++ 8000	40.0 20000	200	800	2000
1,1-Dichloroethene	FB	Ave	+++++ 702474	3693 1721440	17984	67003	171516	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 995663	4985 2333653	25301	97695	232885	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2349748	10675 5829777	51315	212494	564932	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 590865	3106 1388595	14501	54127	142441	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 1086358	6010 2596062	27506	102666	247256	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Ave	+++++ 1114284	3355 2857958	19881	94576	280946	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1772620	8800 4285414	42293	166620	411975	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 42085	957 75057	3474	6391	13464	+++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	+++++ 454857	2354 1101312	11094	43473	113148	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 397647	2293 754014	9877	36945	90322	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 810533	4653 2054713	20704	81534	207422	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 306910	1778 685887	8391	28696	74152	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 804874	4280 1999782	20913	77558	198960	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 256495	1252 592821	6837	24877	65807	+++++ 400	2.00 1000	10.0	40.0	100
Hexane	TBAd9	Ave	+++++ 85808	576 195197	1901	7907	19521	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 2338457	11235 5896165	57425	226457	583147	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 754788	4932 1594915	18767	72243	178141	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 719308	4065 1585525	18155	65726	170201	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 2086093	10036 5036117	49894	201299	517072	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 733149	3472 1824675	17424	66380	176195	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	+++++ 1331833	6859 3261946	33652	130372	339558	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2860 2488628	12559 6150139	62132	237119	600218	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	+++++ 2246133	10799 5638159	55015	199187	532646	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 363795	1590 845417	7150	31646	61888	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 811510	4321 2166266	19082	73820	195650	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 1109791	5291 2473014	22329	87725	235599	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 638965	3140 1626994	14084	57499	146846	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 397212	1906 1027471	10186	38420	102190	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1296005	6482 3310917	31292	122923	322915	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 849644	3673 2204540	19105	71776	196473	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 171790	716 421070	3748	15323	38627	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 622680	1874 1505020	12738	51204	142053	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 500603	2487 1134609	11571	46087	122887	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1072838	4930 2686411	24255	98161	262600	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 921127	6008 2360349	23746	85300	218669	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 473931	2150 1136420	11797	40174	122934	+++++ 1000	5.00 2500	25.0	100	250
2,2,4-Trimethylpentane	FB	Lin2	+++++ 875552	6847 2297960	21068	69175	198146	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 220856	1138 544793	5283	20022	51366	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2926952	13482 7726476	64272	261548	701284	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	+++++ 941698	4063 2158879	20535	81945	215906	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 3321580	12051 8094943	67218	280378	751953	+++++ 2000	10.0 5000	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	+++++ 2188141	9725 5501817	47724	196571	514883	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 970673	4893 2398113	23887	96242	247561	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 665765	2214 1504918	12712	50772	140227	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 1177143	4876 2776520	27955	105985	286166	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 534132	2964 1363150	12160	45047	125153	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 710219	3497 1806039	17502	65166	179352	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 470903	2643 1175935	11843	43190	115480	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Qua2	+++++ 486280	937 1046653	7450	33269	91984	+++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	+++++ 709341	2957 1824858	16299	63932	172362	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 992017	4228 2560545	21352	88980	237970	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 898493	2784 2165301	16946	72554	202396	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 447562	1848 1114093	8493	38827	100232	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 184729	2162 359760	3938	15256	38929	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 862585	3558 2109047	18361	75517	203212	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 497656	1572 1236130	9239	39251	113148	+++++ 200	1.00 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1230380	4345 3147016	23379	102250	282200	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZd5	Ave	+++++ 3022993	14480 7809863	70477	275480	727215	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	1096 1334236	4009 3146640	26420	111925	297737	5.00 4000	20.0 10000	100	400	1000
2-Nitropropane	TBAd9	Ave	+++++ 326843	1413 792107	5852	23869	65868	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZd5	Ave	+++++ 500128	2308 1255499	11802	43409	118394	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2950181	13096 6942048	66834	272507	710893	+++++ 1000	5.00 2500	25.0	100	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1131635	3996 2852569	21837	94621	269537	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 552428	2368 1412503	12945	48952	132765	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 979944	3922 2541677	17585	78439	215564	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 752400	2774 1989426	13998	61838	175448	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1138994	4472 2969076	25691	101466	276435	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 709313	3131 1801264	16014	62350	169241	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 960444	3680 2398548	16613	75808	204653	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2102303	8596 5139517	45759	185526	491971	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 1885927	8338 4963574	43599	174564	455358	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 861640	3676 2244112	19075	78888	202295	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 608419	2487 1599980	13311	53143	146013	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1068882	4385 2772996	22246	94231	250681	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1079618	4226 2827605	24964	94977	255428	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	DCBd 4	Ave	+++++ 468035	1328 1307911	8091	36570	101903	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1973121	7262 5131907	41541	169470	469242	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Qua2	+++++ 535043	1246 1528454	7115	35341	101437	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2113575	8966 5469082	44049	187074	506085	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 976187	3844 2769718	15379	73014	210405	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 755000	3401 2002189	16247	69551	183937	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2281356	9568 6017464	47637	196699	536785	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 853946	3505 2247389	18005	75239	189174	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCBd 4	Ave	+++++ 1817577	8236 4691200	41366	164580	439748	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1918097	7748 4989428	36944	164746	434838	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 262607	1106 694244	5869	24925	63237	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1487130	5399 4043565	31494	128502	353114	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 405985	1225 1084146	5670	24481	76517	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1831595	7531 4764528	36508	158372	436728	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1245335	5358 3406556	26160	106827	292826	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1501397	6512 4153522	29901	126558	350430	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	+++++ 750707	1703 2317331	10368	49162	146660	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1709798	7395 4698313	37193	146054	393371	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1076807	4924 2858158	23293	96181	253002	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1415236	5508 3889040	26664	115089	319669	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1123694	5399 2979930	25497	100863	267437	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1632516	6928 4437497	33966	140455	373185	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2089210	8455 5548495	44815	183584	474722	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Lin	+++++ 379306	689 837491	3436	17523	55608	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 677760	2477 1829274	13501	52995	144447	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 589018	2364 1633046	11330	48123	134362	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1156724	4526 3018781	25820	104201	274247	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 1291286	6708 3042830	28912	125221	330826	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 204628	578 524297	3781	15470	44042	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716277

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/13/2020 06:43 Calibration End Date: 08/13/2020 11:52 Calibration ID: 81528

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 491359	2106 1271732	11494	44067	113846	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 462082	2098 1236302	10670	44663	116401	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 232465	813 595544	4955	18764	52431	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1687966	9187 4339480	44127	177772	441436	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 461575	2026 1195225	11041	43555	114782	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	151152 162835	151149 161180	152660	153071	158131	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	184210 182364	183106 180774	183174	188091	184014	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	546341 602008	554712 610462	555772	560656	575574	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	128893 159976	137579 166133	136860	143467	147385	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 13-Aug-2020 06:43:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0114977-003
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:25:55 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: tupayachia Date: 13-Aug-2020 09:45:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.912	0.912	0.000	89	1220	0.2500	0.2507	M
* 33 TBA-d9 (IS)	65	1.933	1.941	-0.008	99	310556	1000.0	1000.0	
39 Acrylonitrile	53	2.254	2.245	0.009	94	2860	2.00	2.41	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	96	151152	50.0	51.5	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	99	252906	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	184210	50.0	53.2	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	518155	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	98	30276	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	98	546341	50.0	51.6	
84 Epichlorohydrin	57	5.151	5.118	0.033	17	1096	5.00	4.08	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	425725	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	87	128893	50.0	47.9	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	96	156046	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

ACROLEIN W_00111	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00122	Amount Added:	0.00	Units: uL	
GAS Hi_00368	Amount Added:	0.00	Units: uL	
GASES Li_00381	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00076	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	0.00	Units: uL	
MIX I Hi_00128	Amount Added:	0.00	Units: uL	
14DIOXINTER_00118	Amount Added:	0.00	Units: uL	
8FreonHi_00021	Amount Added:	0.00	Units: uL	
524freon_00025	Amount Added:	0.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

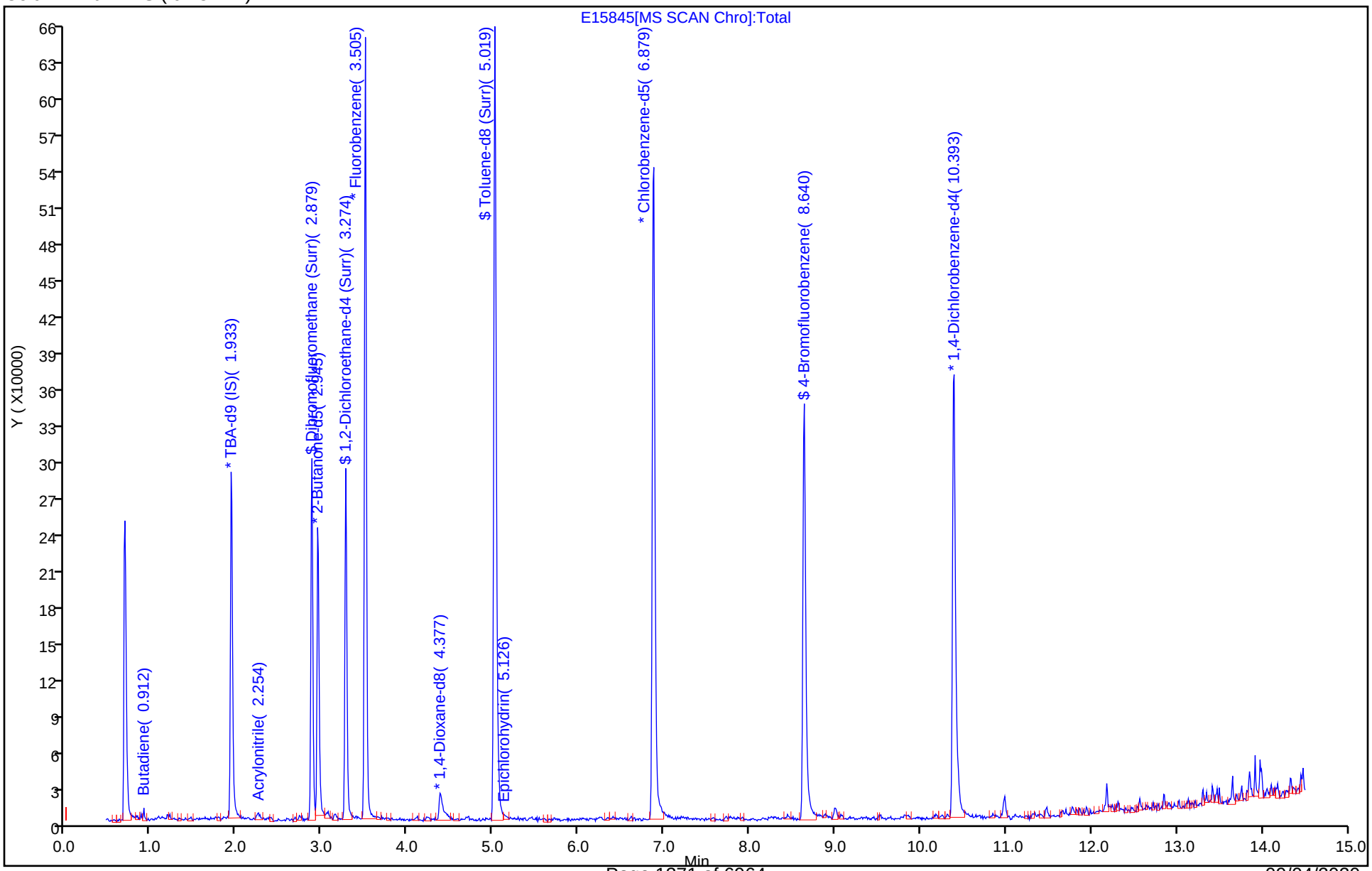
Report Date: 14-Aug-2020 13:25:58 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D

Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

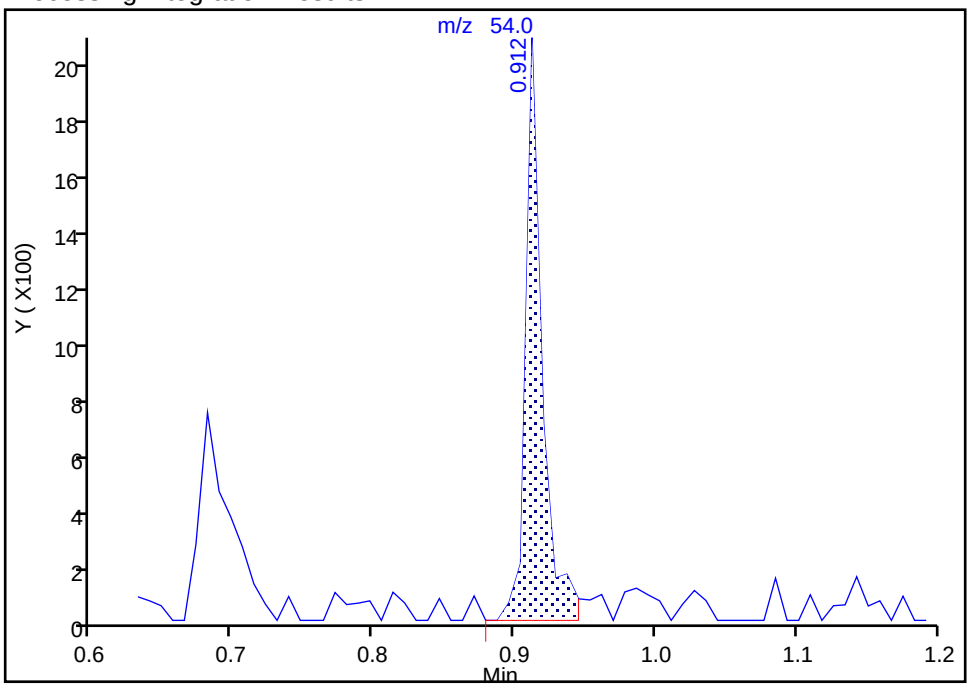
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

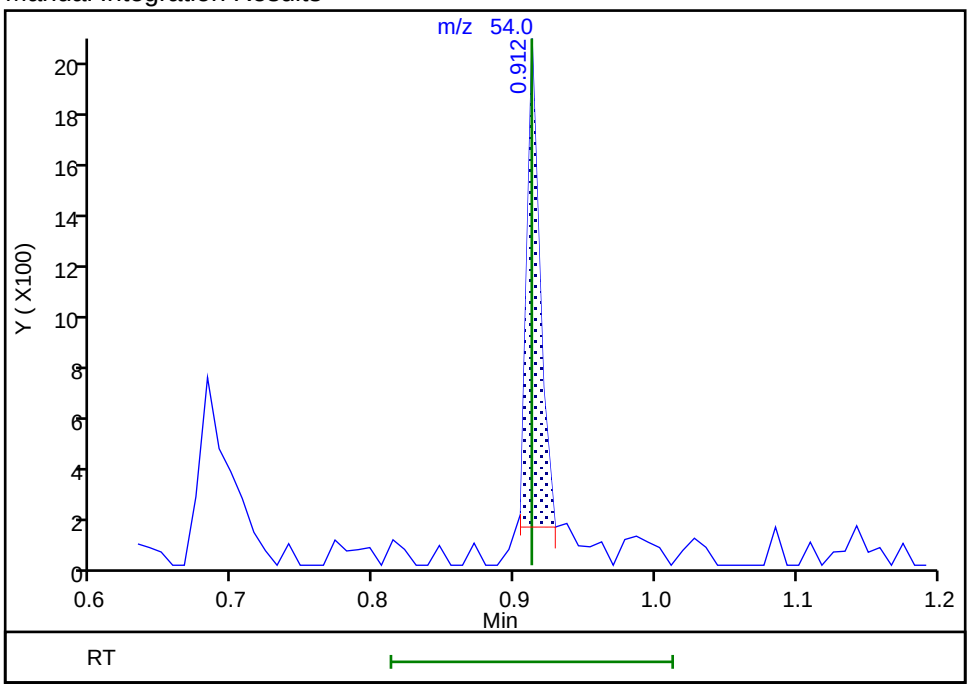
Processing Integration Results

RT: 0.91
Area: 1656
Amount: 0.565475
Amount Units: ug/l



Manual Integration Results

RT: 0.91
Area: 1220
Amount: 0.250688
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:47:18
Audit Action: Manually Integrated Audit Reason: Baseline

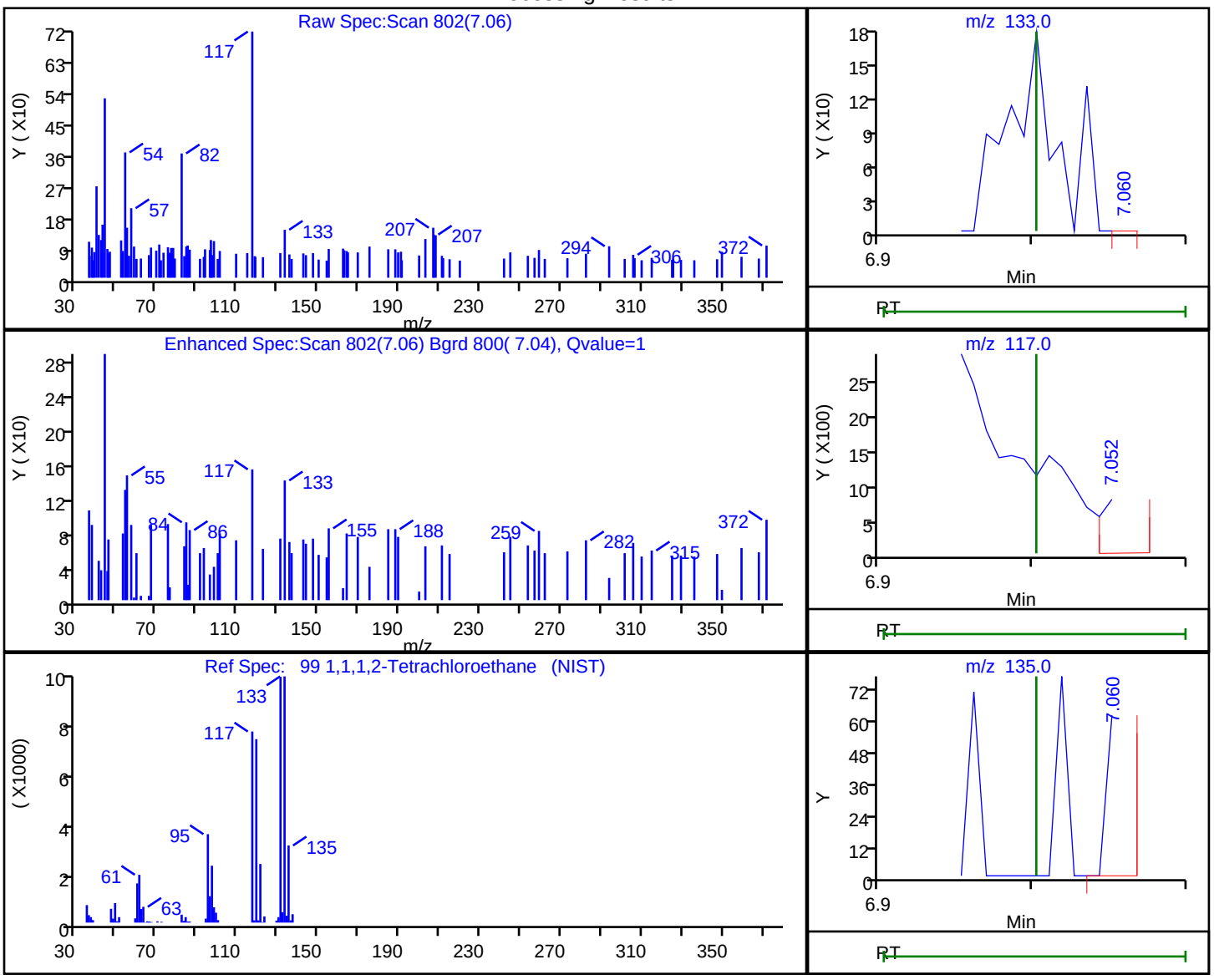
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

99 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.06	133.00	69	0.026766
7.05	117.00	1437	
7.06	135.00	64	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

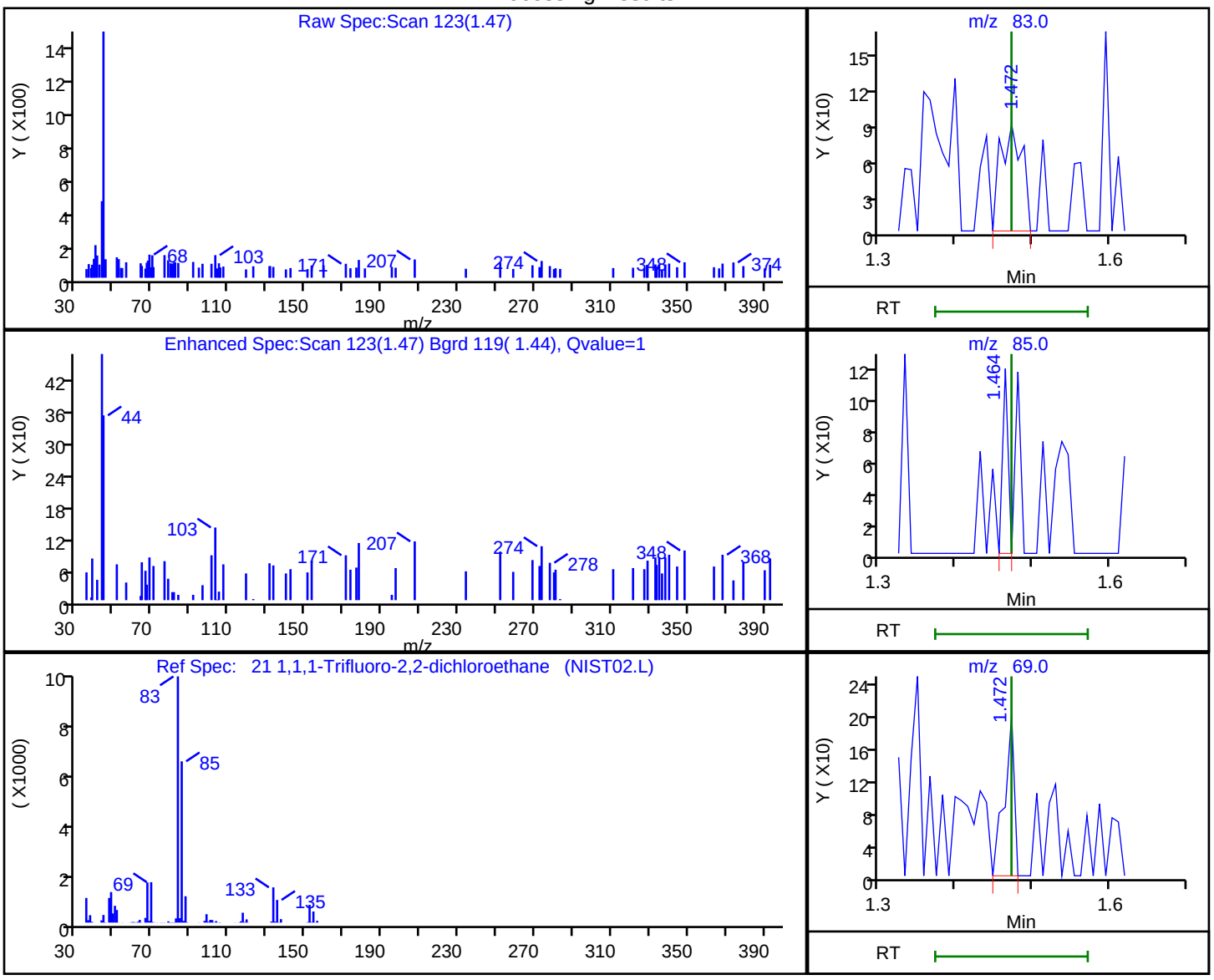
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
1.47	83.00	174	0.034089
1.46	85.00	56	
1.47	69.00	177	
1.47	67.00	176	

Reviewer: tupayachia, 13-Aug-2020 09:44:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

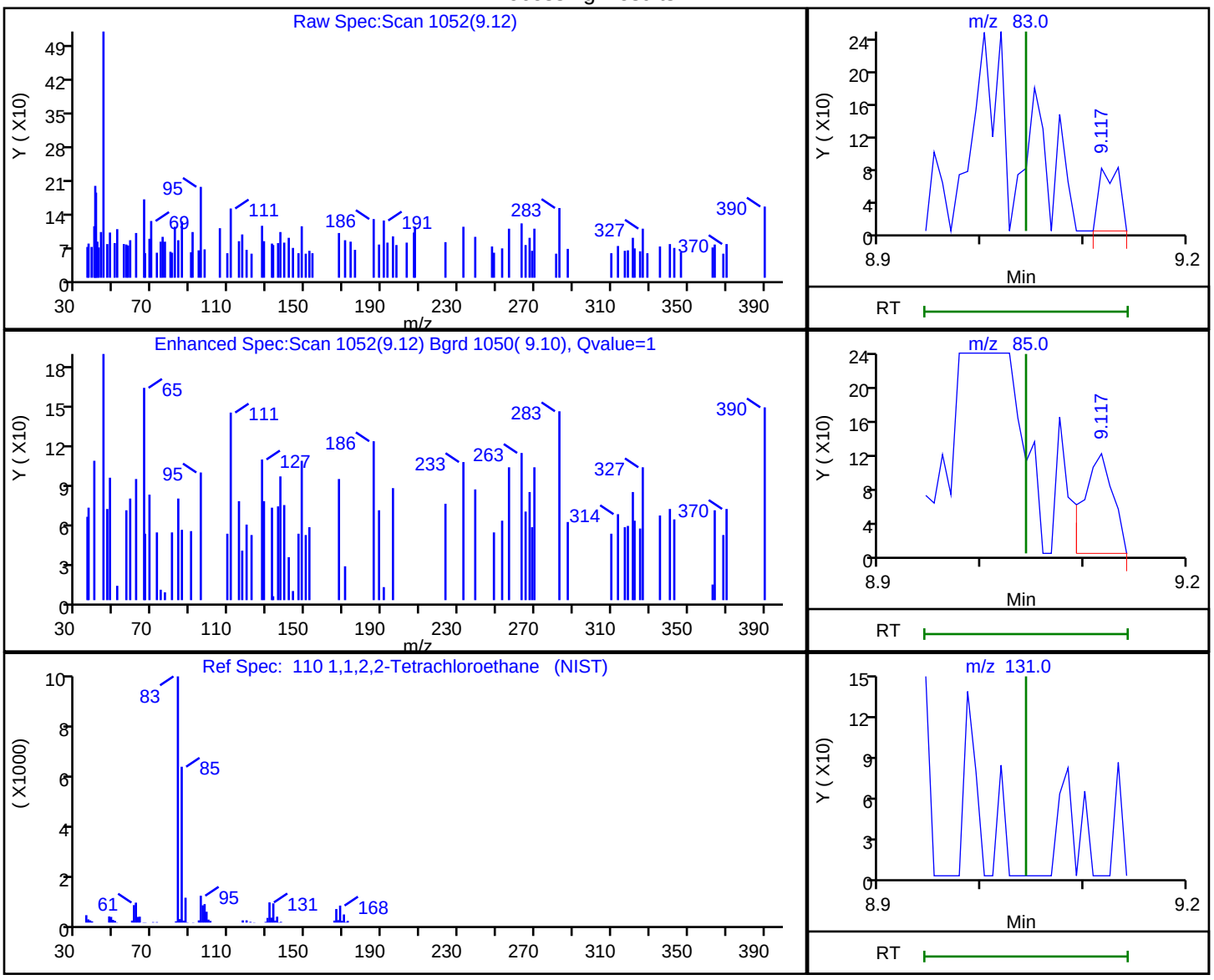
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

110 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.12	83.00	107	0.030650
9.12	85.00	232	
9.04	131.00	0	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

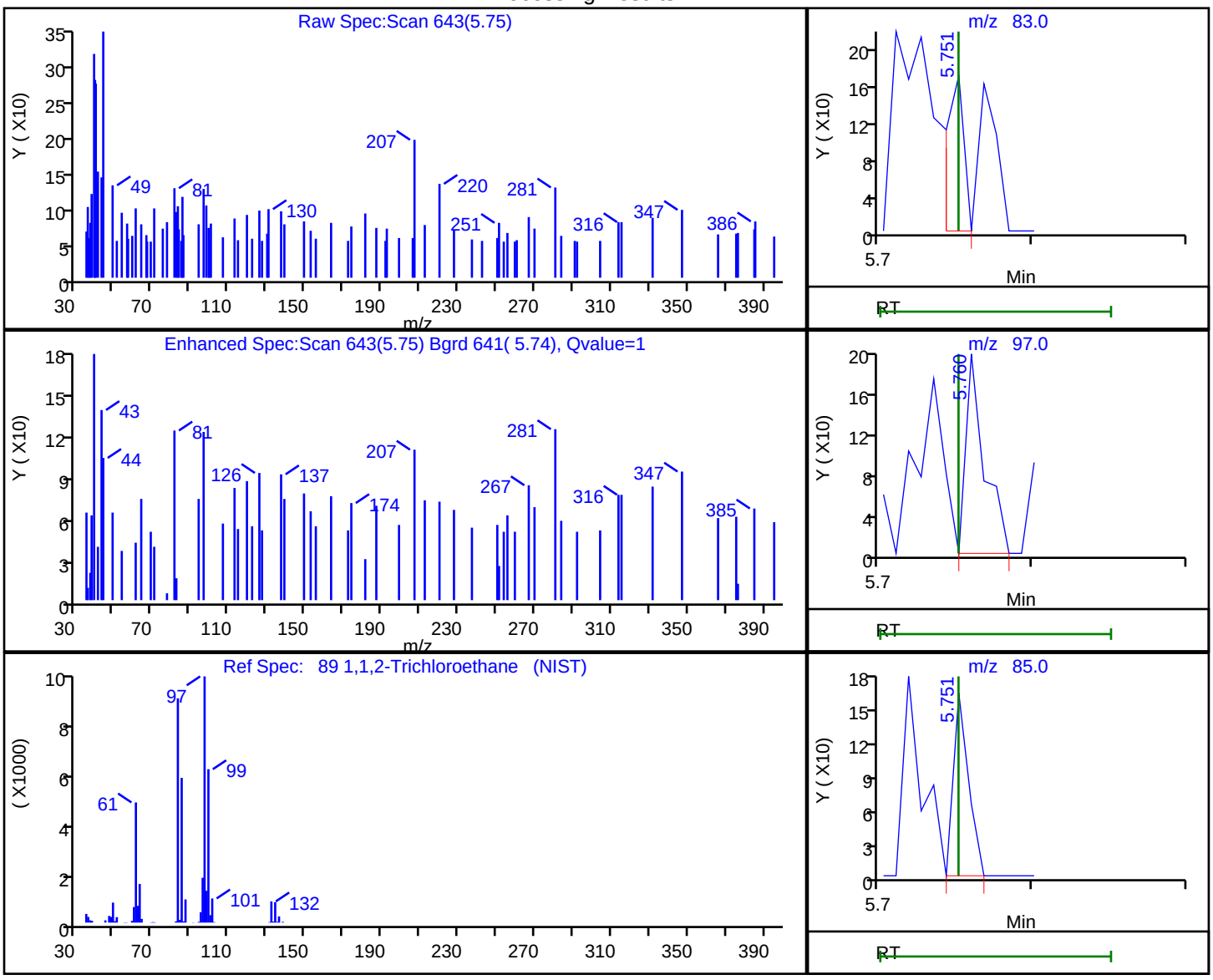
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

89 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.75	83.00	135	0.056712
5.76	97.00	162	
5.75	85.00	112	

Reviewer: delpolitov, 14-Aug-2020 11:47:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

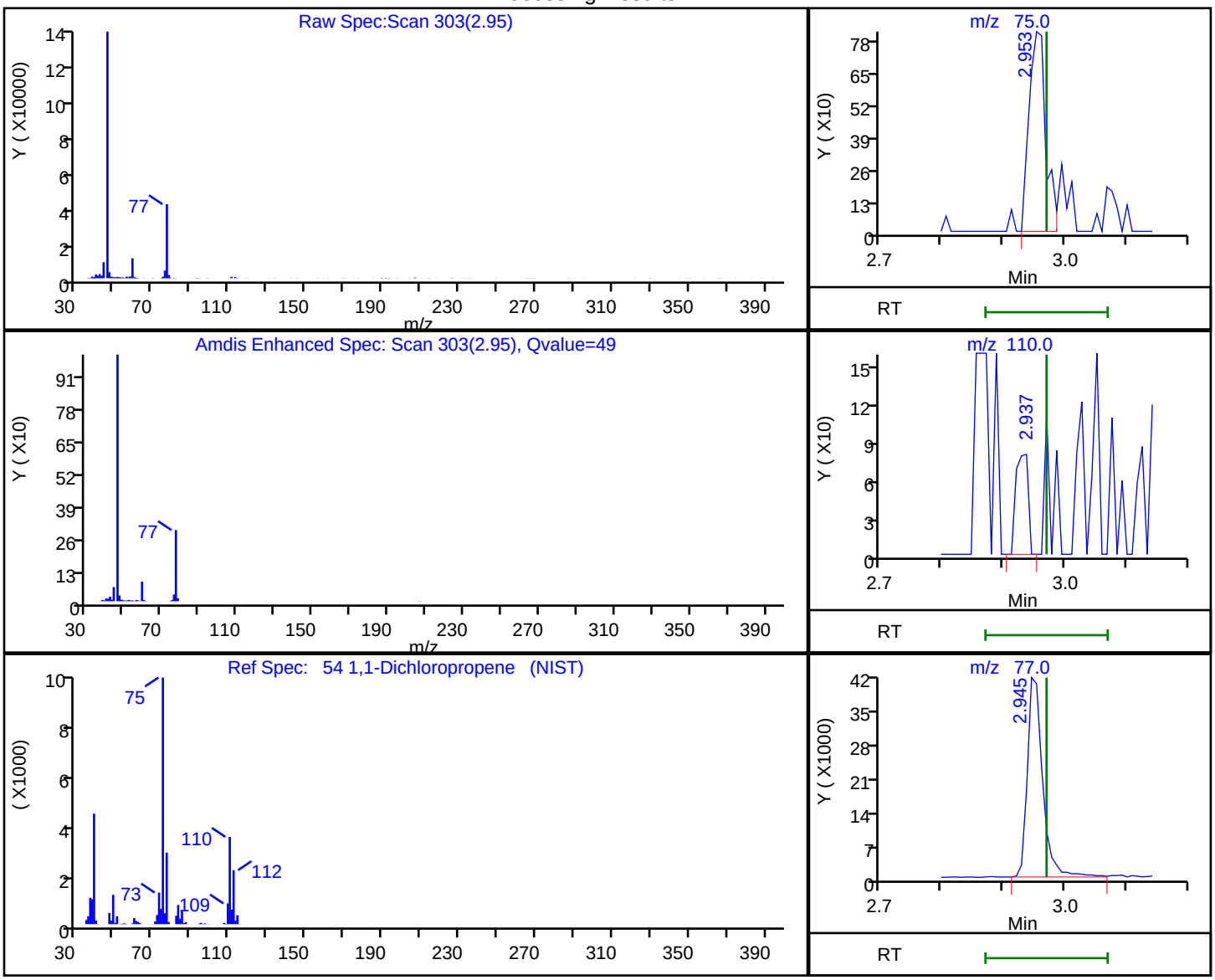
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

54 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
2.95	75.00	1552	0.346955
2.94	110.00	107	
2.95	77.00	71689	

Reviewer: delpolitov, 14-Aug-2020 11:47:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

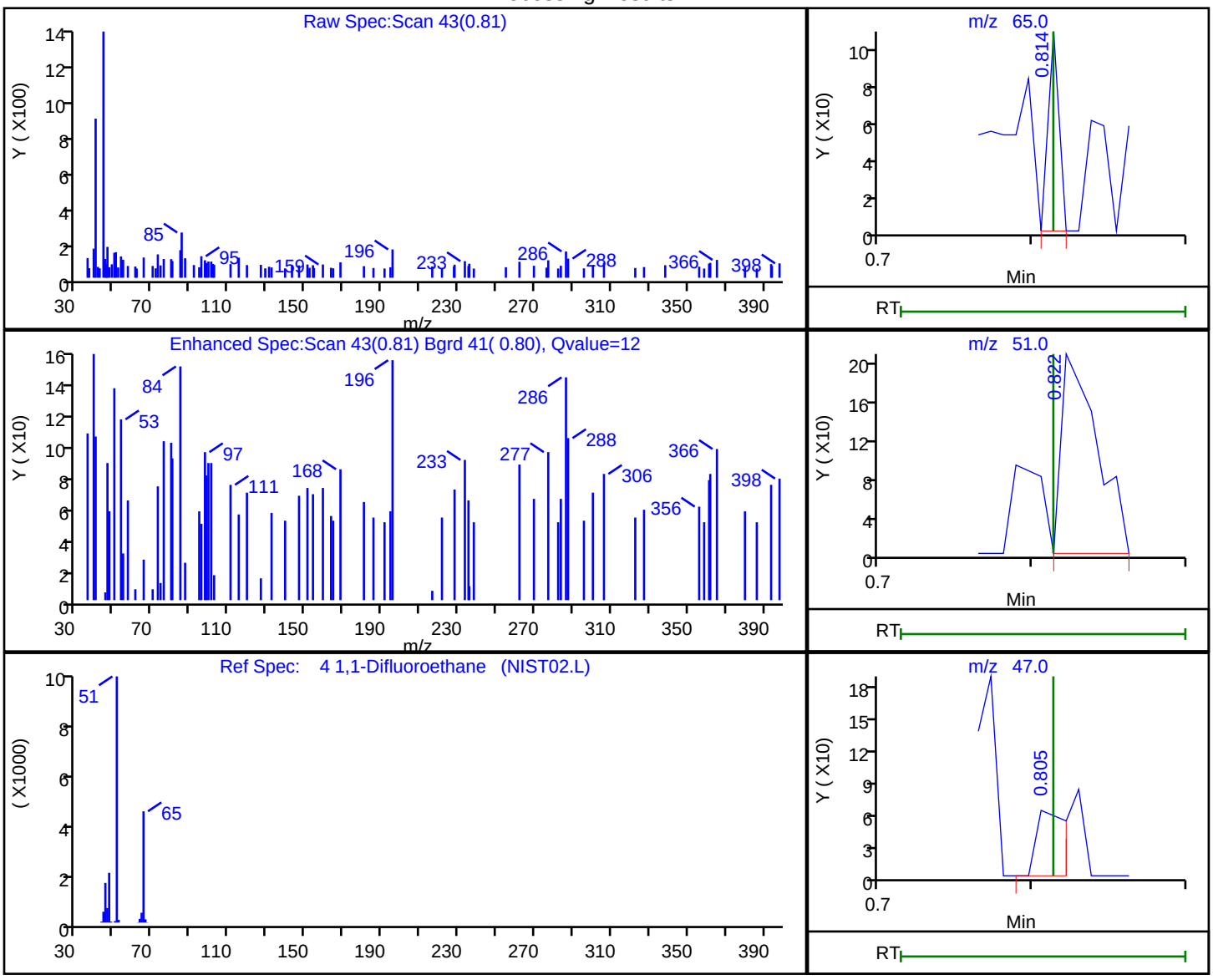
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
0.81	65.00	54	0.039825
0.82	51.00	342	
0.81	47.00	84	

Reviewer: tupayachia, 13-Aug-2020 09:44:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

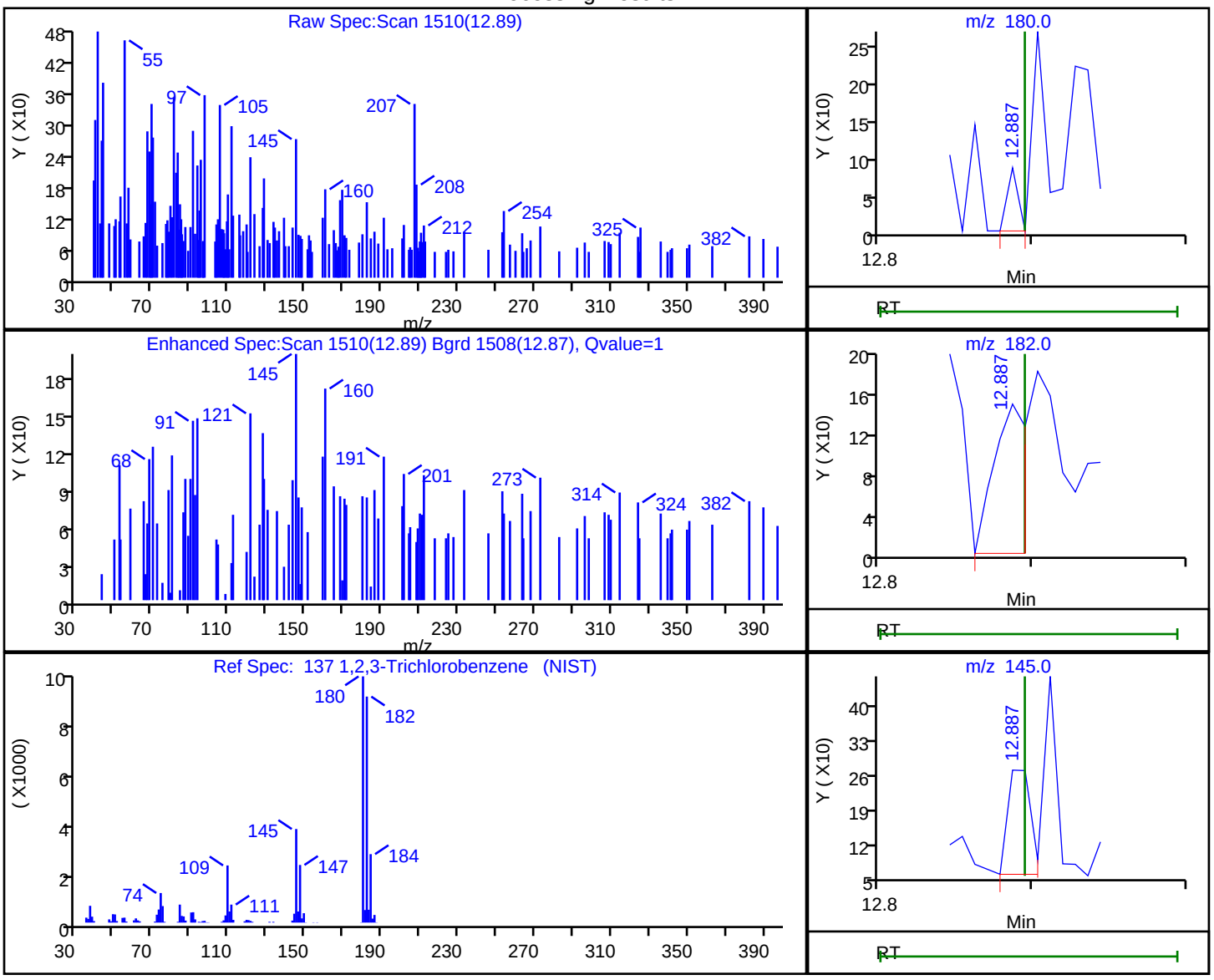
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

137 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.89	180.00	41	0.020436
12.89	182.00	220	
12.89	145.00	220	

Reviewer: delpolitov, 14-Aug-2020 11:48:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

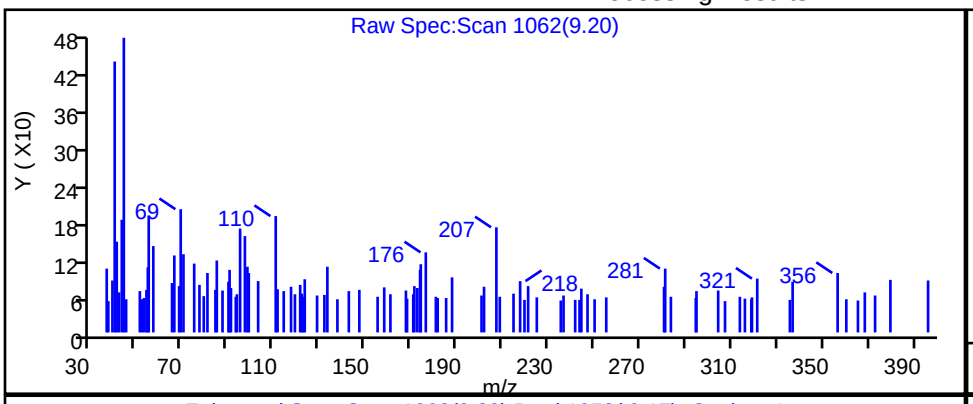
User Disabled Compound Report

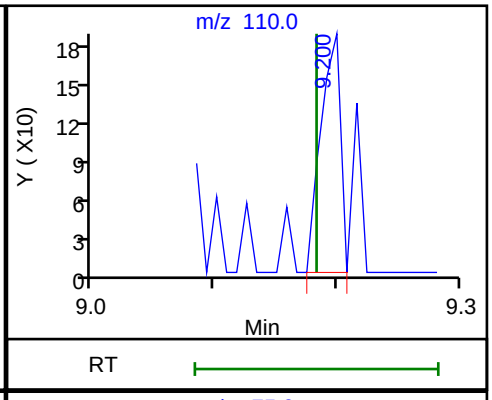
Eurofins TestAmerica, Edison

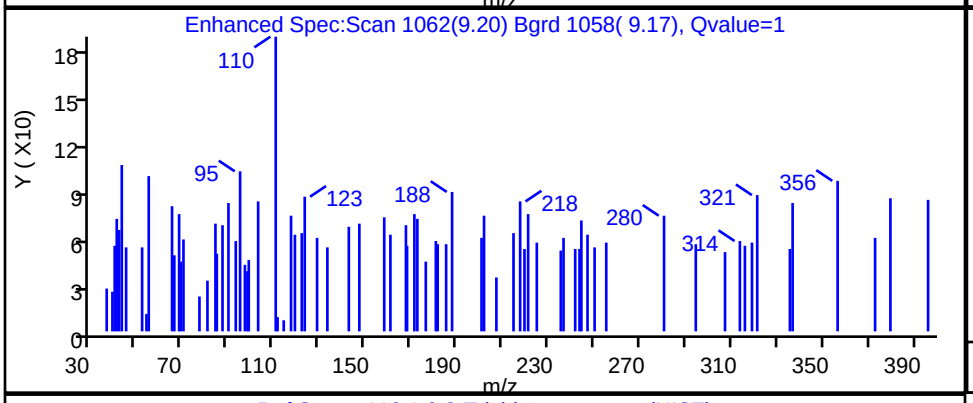
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

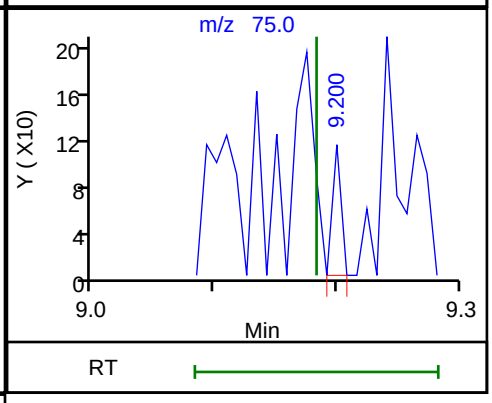
113 1,2,3-Trichloropropane, CAS: 96-18-4

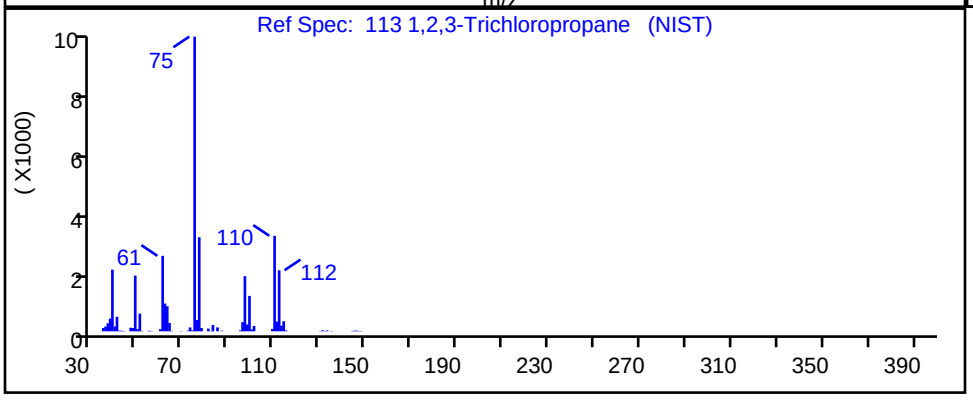
Processing Results











RT	Mass	Response	Amount
9.20	110.00	209	0.186765
9.20	75.00	54	

Reviewer: delpolitov, 14-Aug-2020 11:47:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

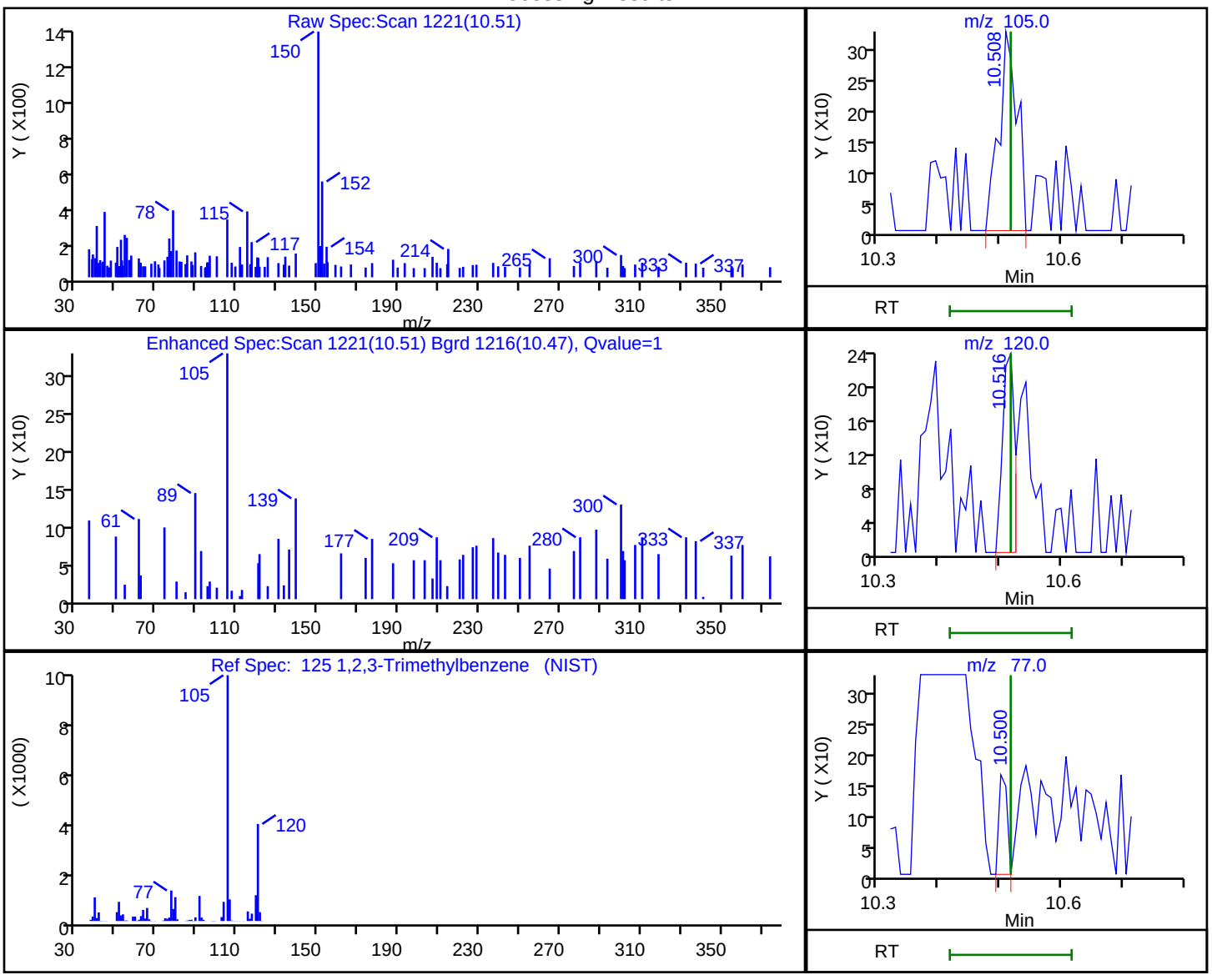
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

125 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.51	105.00	668	0.099096
10.52	120.00	325	
10.50	77.00	154	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

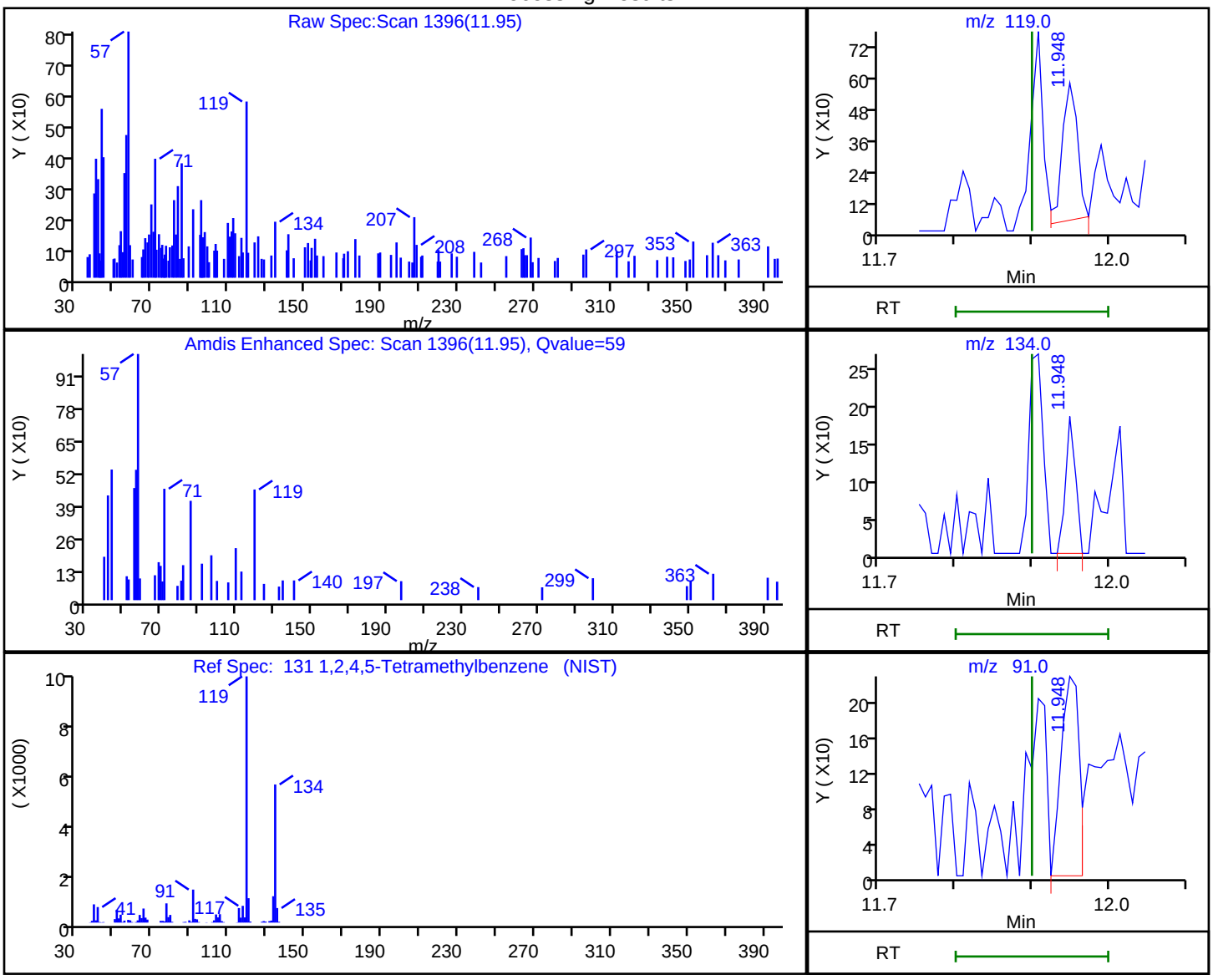
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

131 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.95	119.00	749	0.131567
11.95	134.00	167	
11.95	91.00	378	

Reviewer: delpolitov, 14-Aug-2020 11:48:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

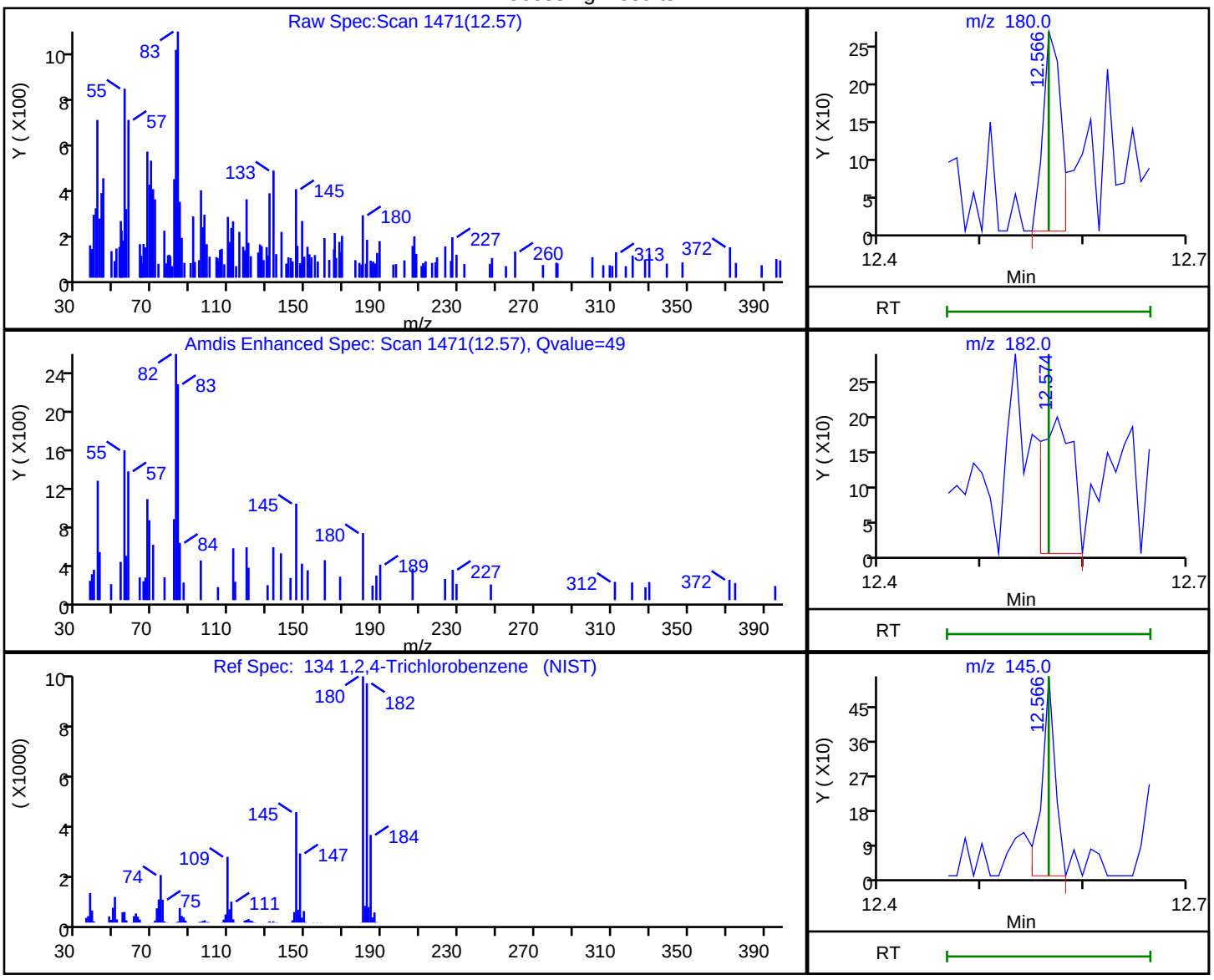
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

134 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.57	180.00	332	0.163514
12.57	182.00	413	
12.57	145.00	474	

Reviewer: delpolitov, 14-Aug-2020 11:48:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

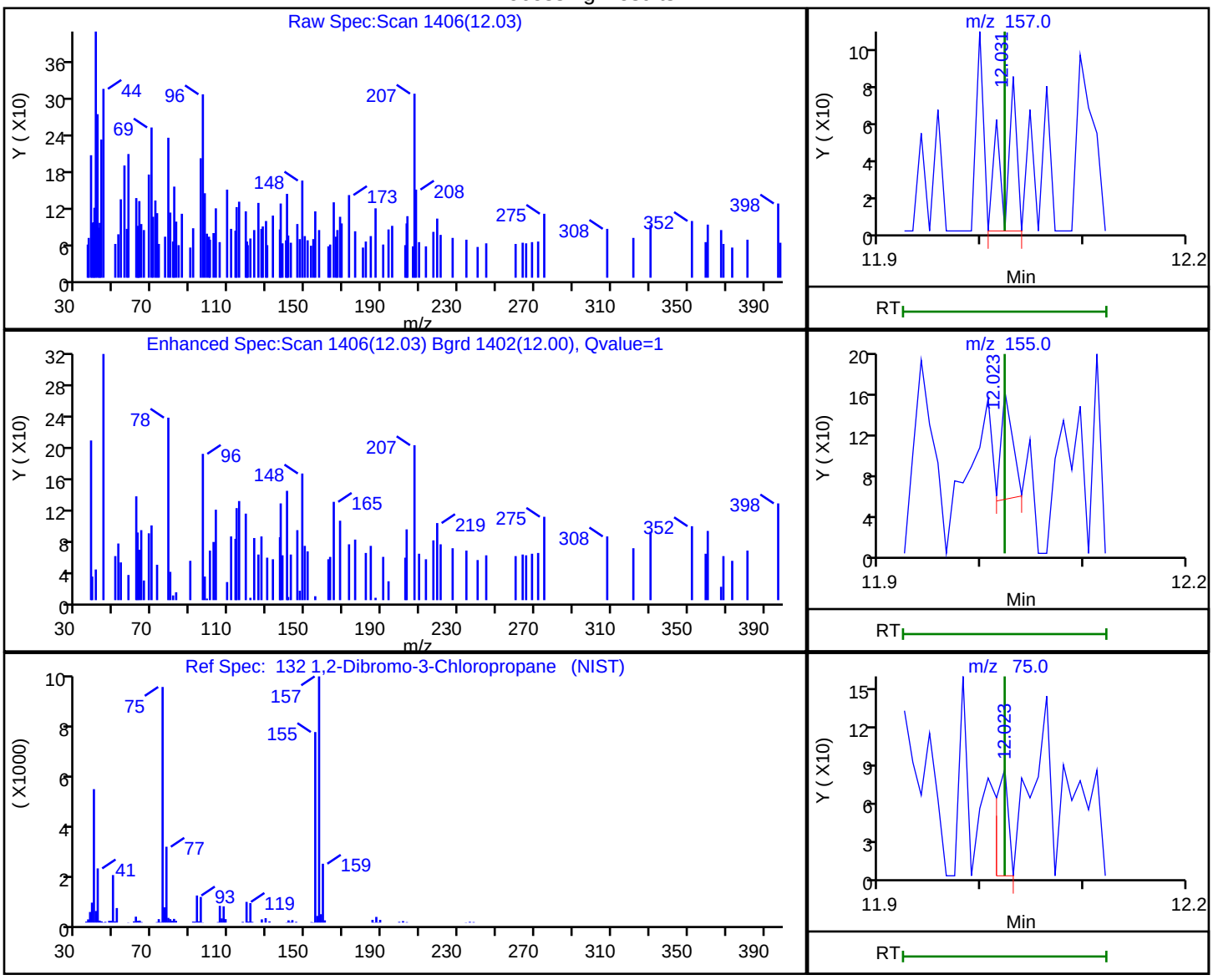
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

132 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
12.03	157.00	67	0.089425
12.02	155.00	83	
12.02	75.00	69	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

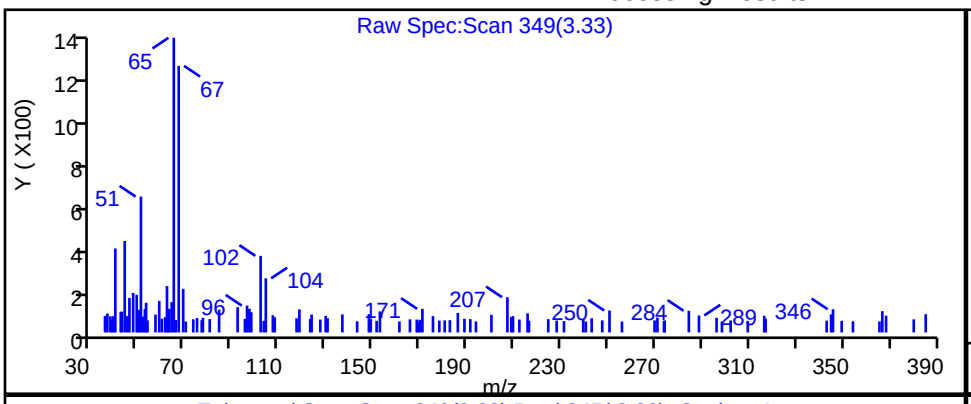
User Disabled Compound Report

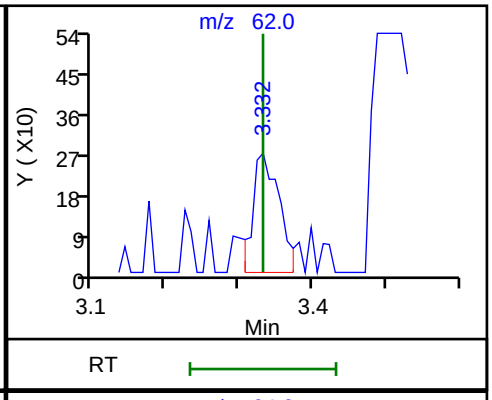
Eurofins TestAmerica, Edison

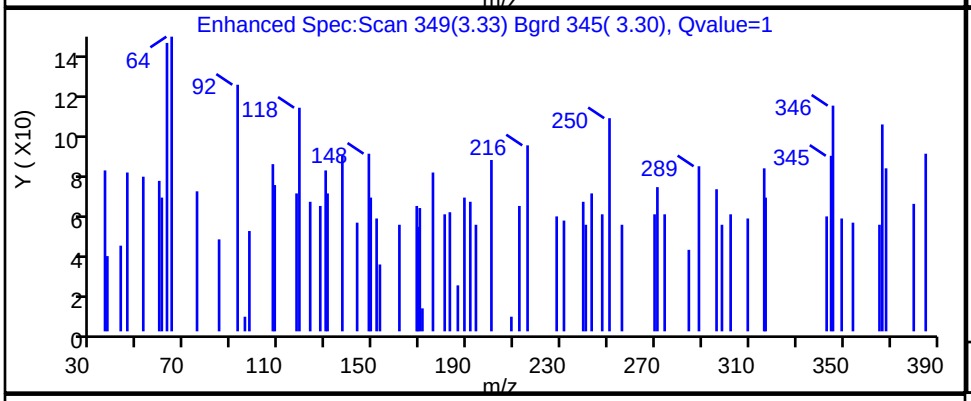
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

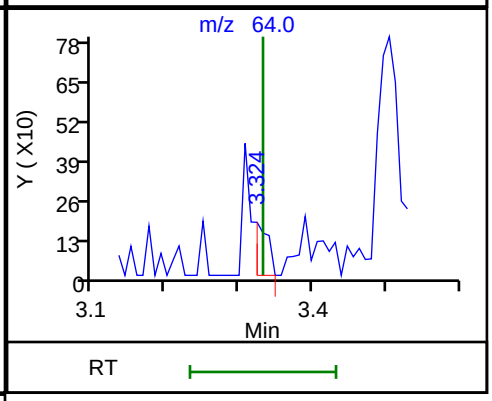
63 1,2-Dichloroethane, CAS: 107-06-2

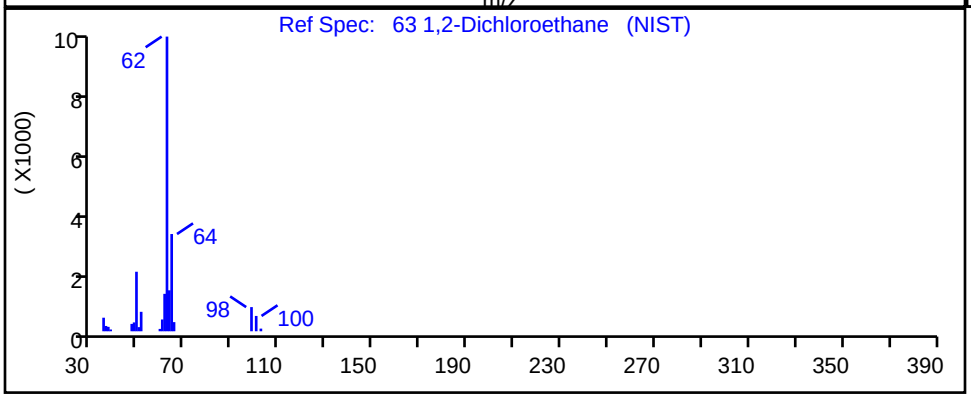
Processing Results











RT	Mass	Response	Amount
3.33	62.00	679	0.150112
3.32	64.00	223	

Reviewer: delpolitov, 14-Aug-2020 11:47:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

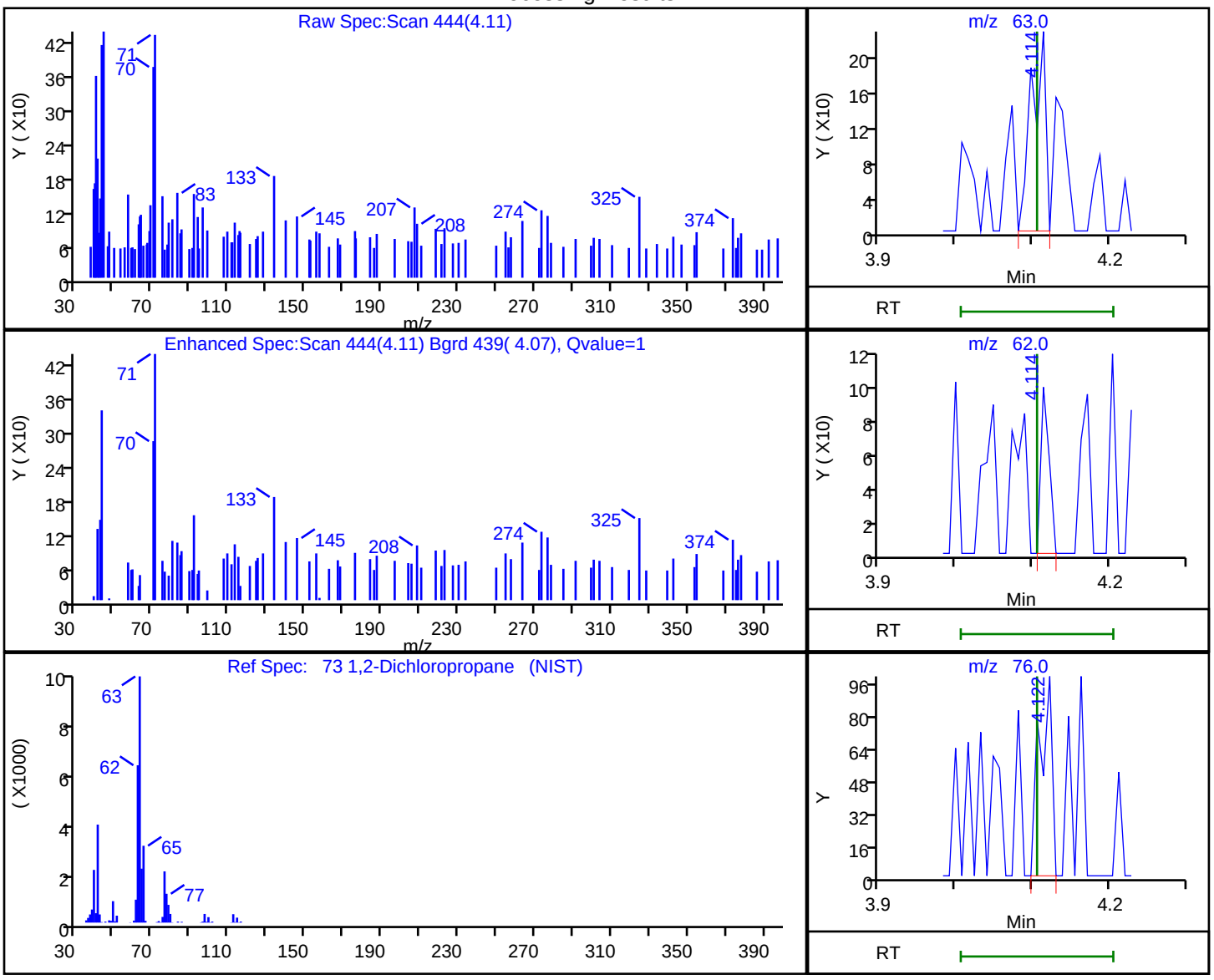
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.11	63.00	280	0.089966
4.11	62.00	72	
4.12	76.00	113	
4.11	112.00	0	

Reviewer: delpolitov, 14-Aug-2020 11:47:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

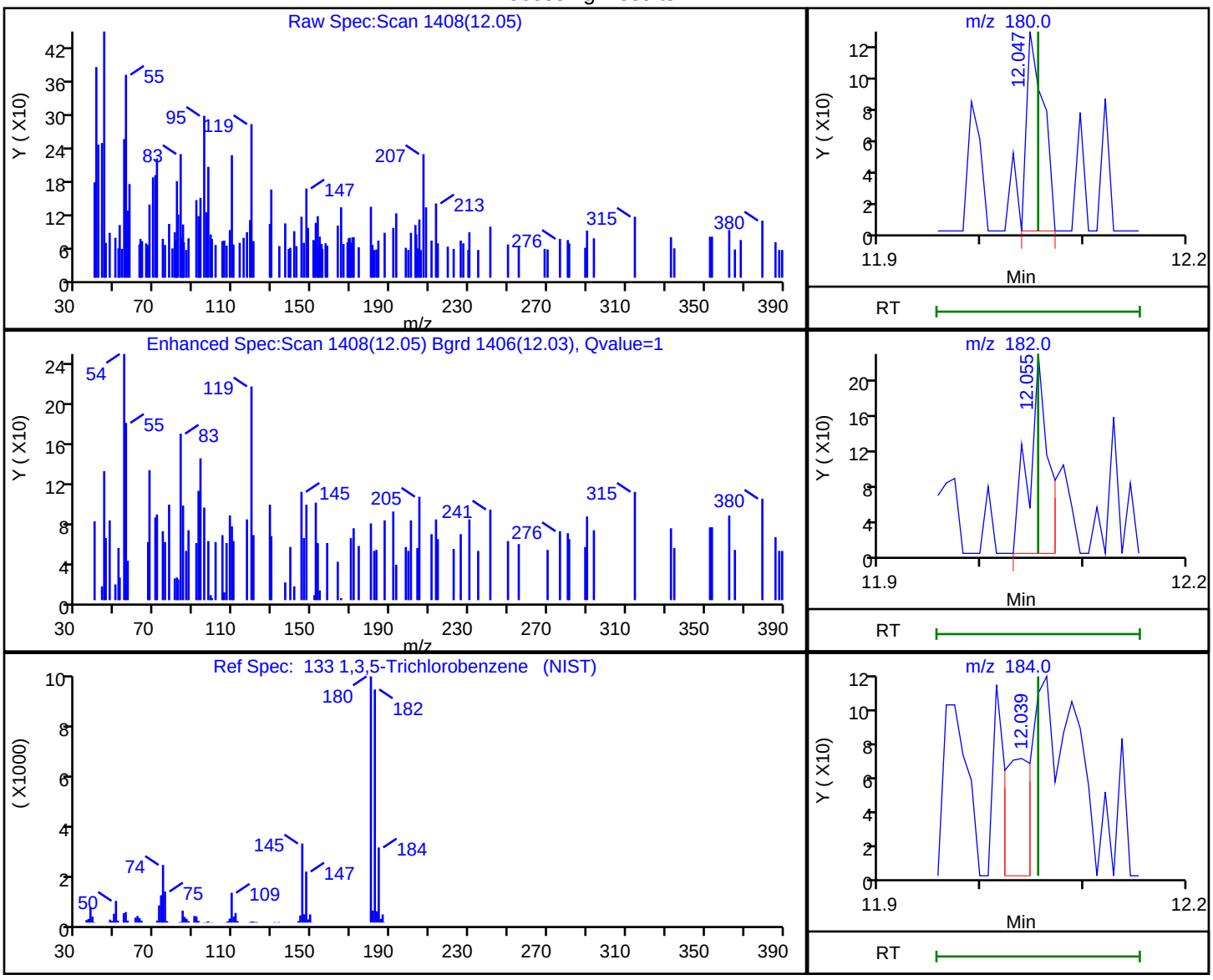
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

133 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.05	180.00	146	0.070336
12.06	182.00	287	
12.04	184.00	133	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

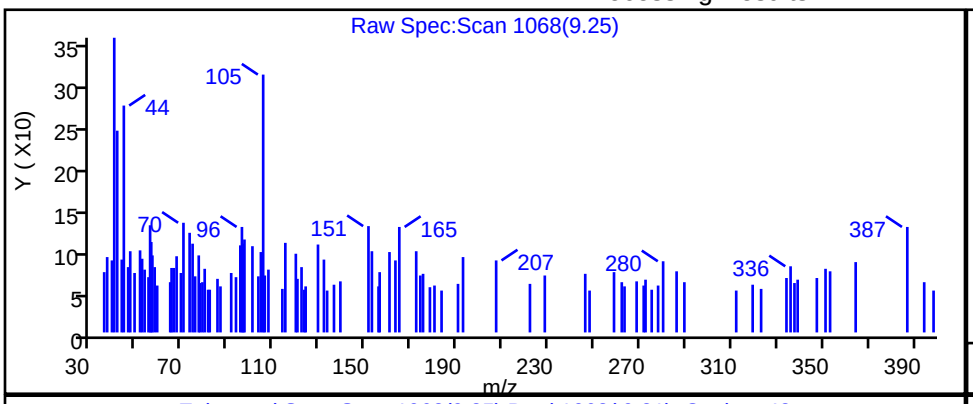
User Disabled Compound Report

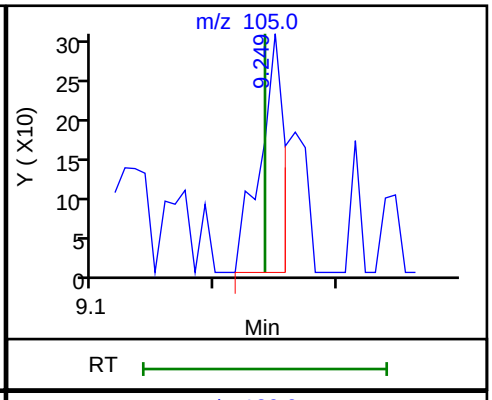
Eurofins TestAmerica, Edison

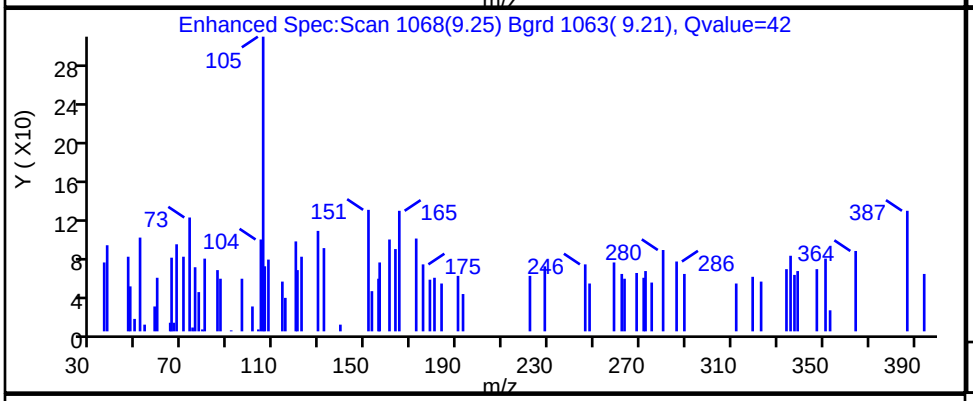
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

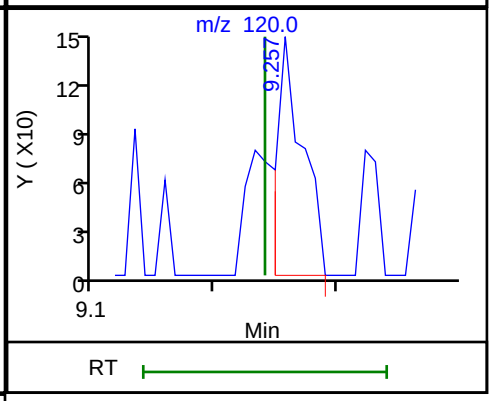
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

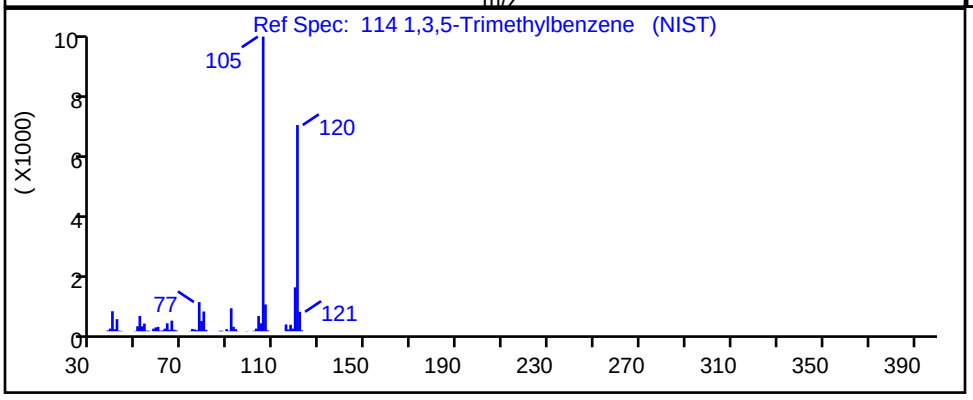
Processing Results











RT	Mass	Response	Amount
9.25	105.00	416	0.068691
9.26	120.00	210	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

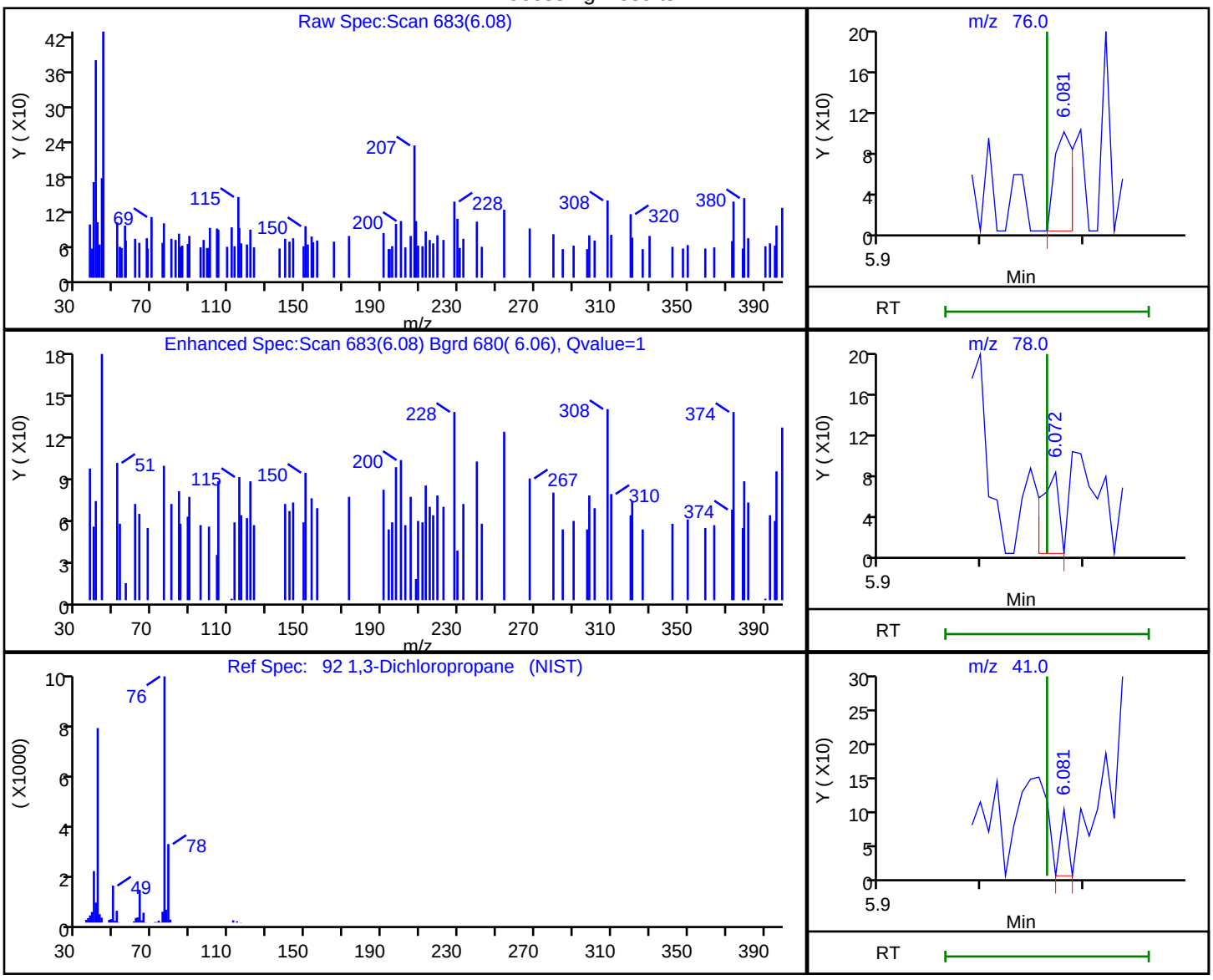
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

92 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.08	76.00	122	0.025214
6.07	78.00	95	
6.08	41.00	48	

Reviewer: delpolitov, 14-Aug-2020 11:47:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

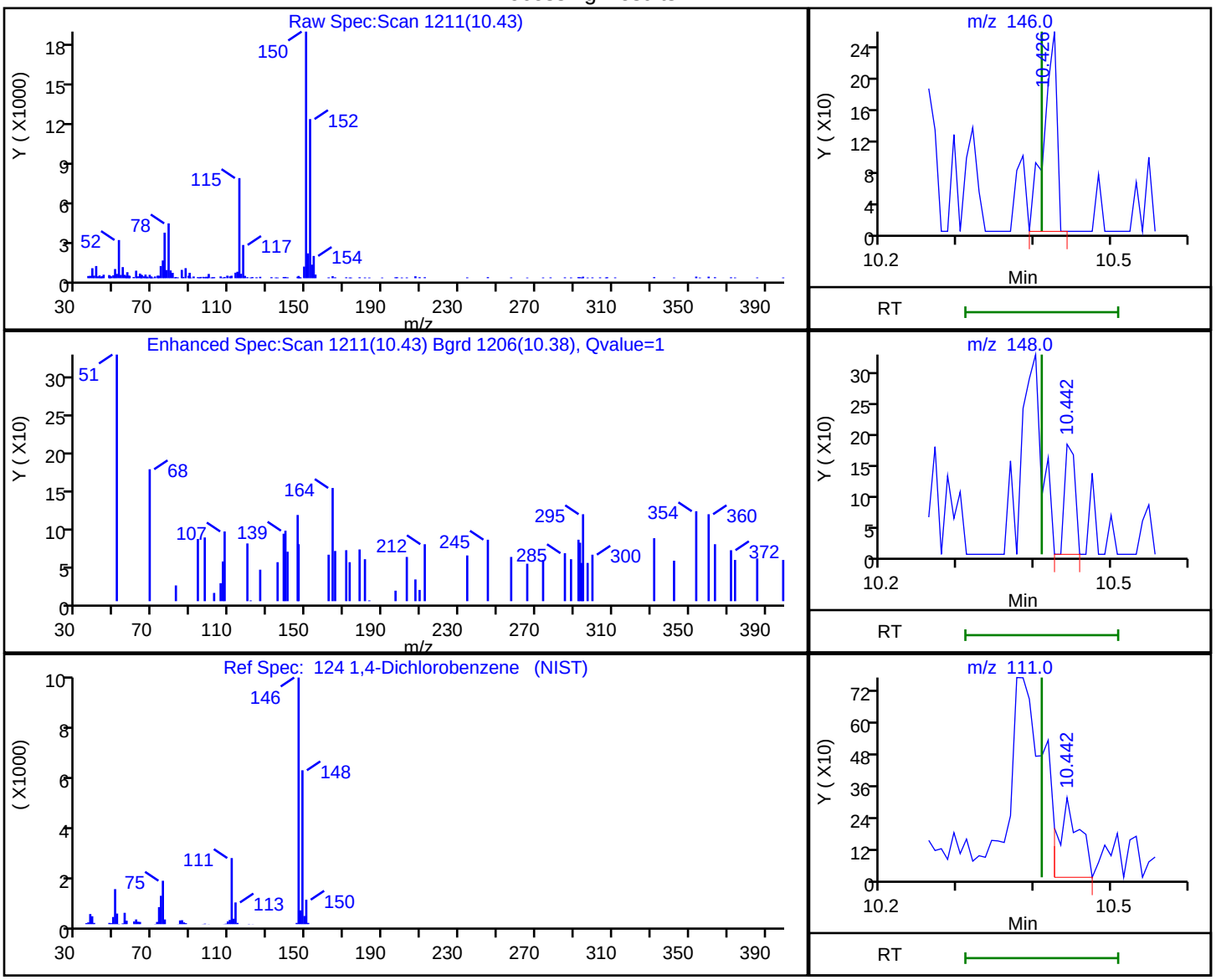
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.43	146.00	301	0.061986
10.44	148.00	167	
10.44	111.00	563	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

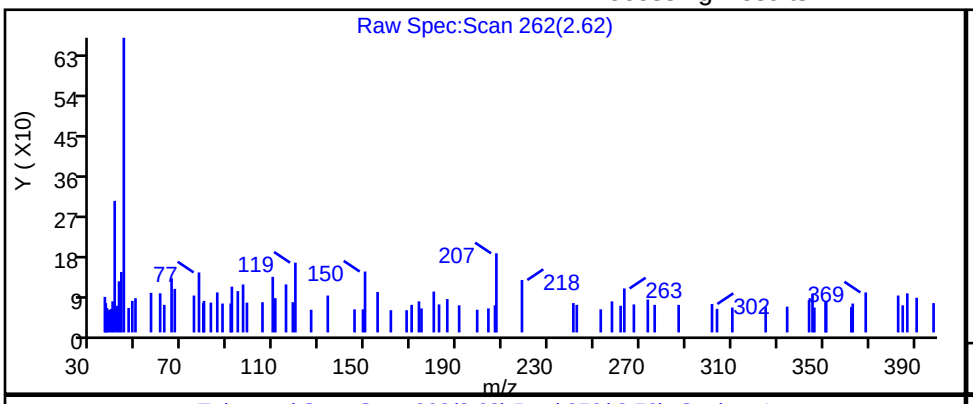
User Disabled Compound Report

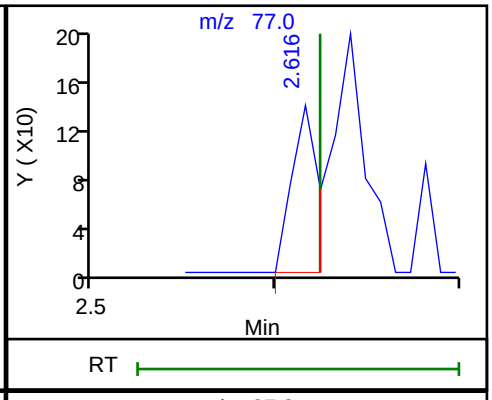
Eurofins TestAmerica, Edison

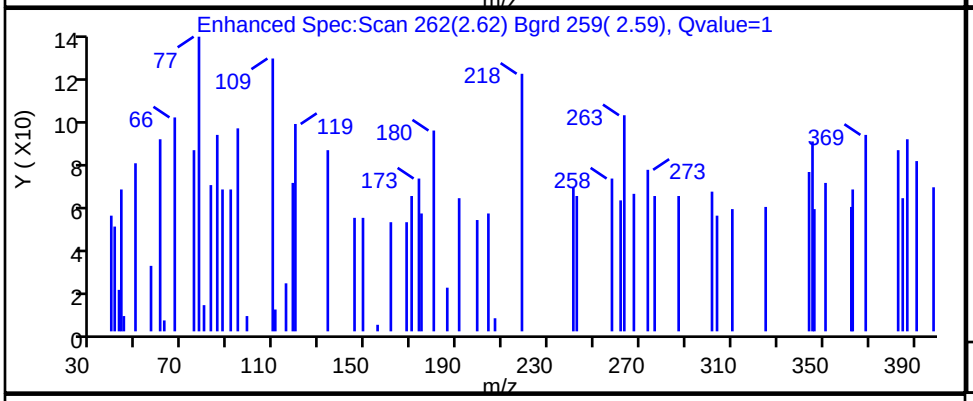
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

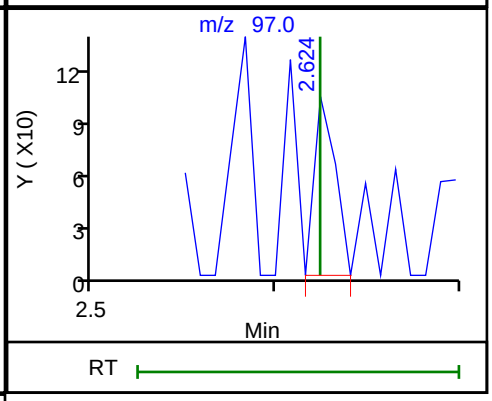
43 2,2-Dichloropropane, CAS: 594-20-7

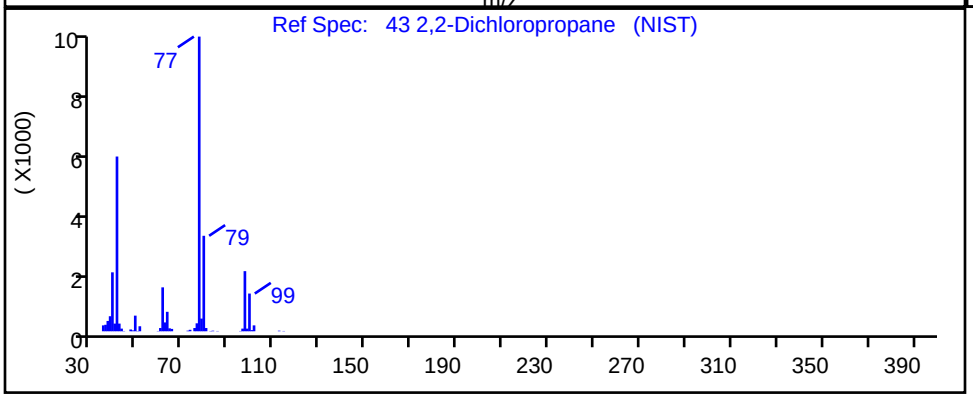
Processing Results











RT	Mass	Response	Amount
2.62	77.00	135	0.029759
2.62	97.00	81	

Reviewer: tupayachia, 13-Aug-2020 09:45:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

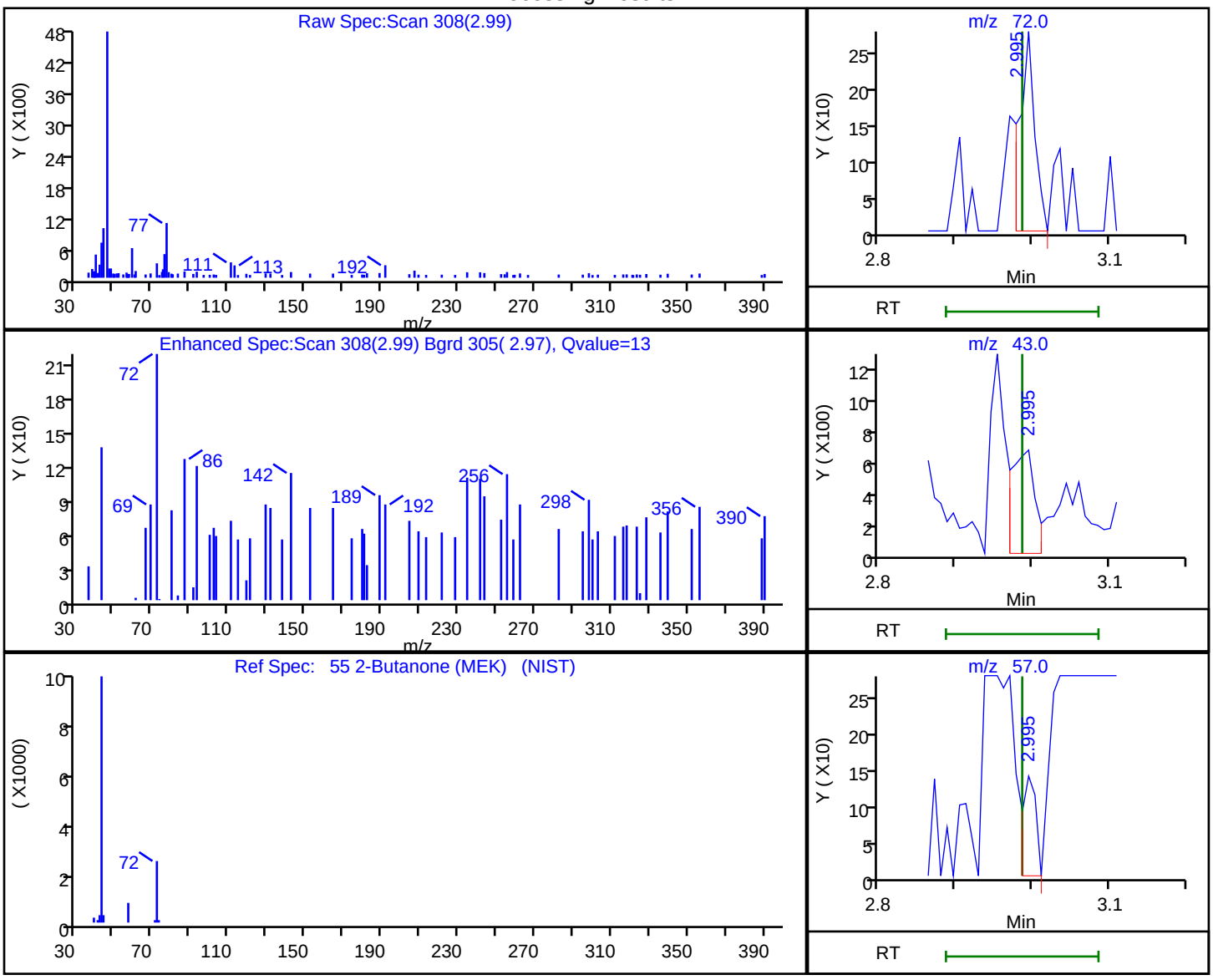
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

55 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.99	72.00	381	0.853443
2.99	43.00	1470	
2.99	57.00	167	

Reviewer: delpolitov, 14-Aug-2020 11:47:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

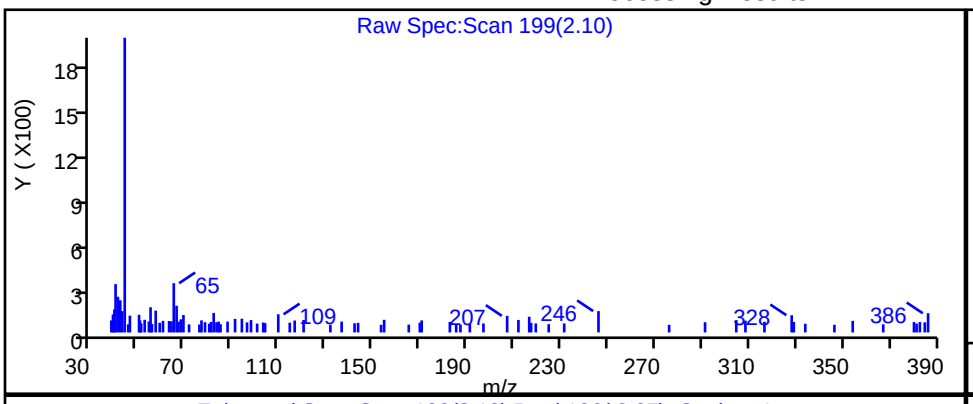
User Disabled Compound Report

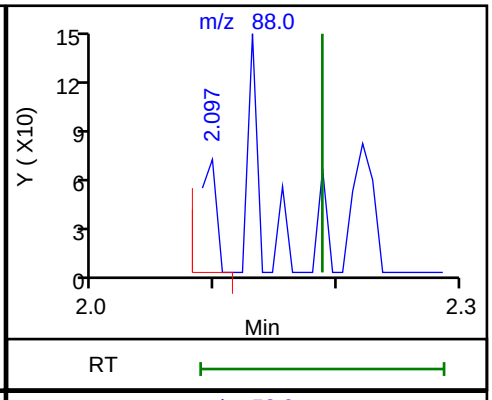
Eurofins TestAmerica, Edison

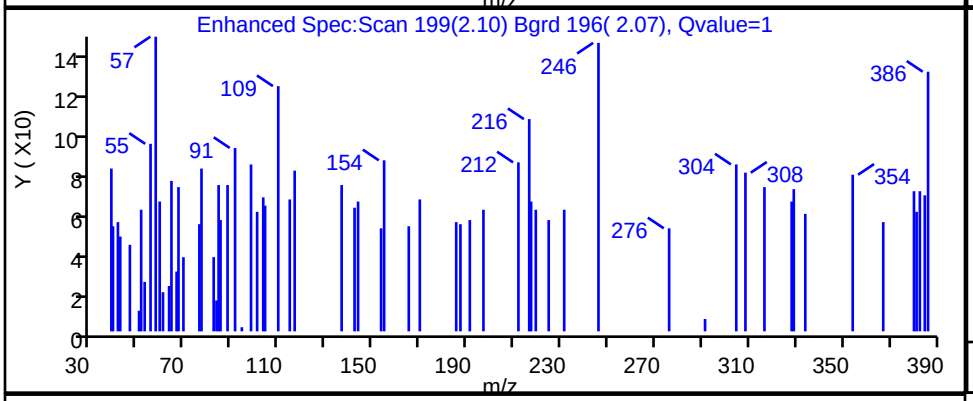
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

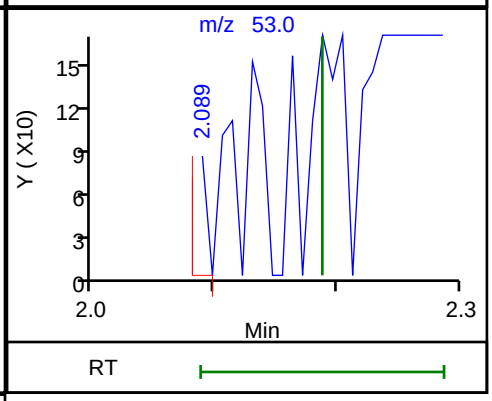
37 2-Chloro-1,3-butadiene, CAS: 126-99-8

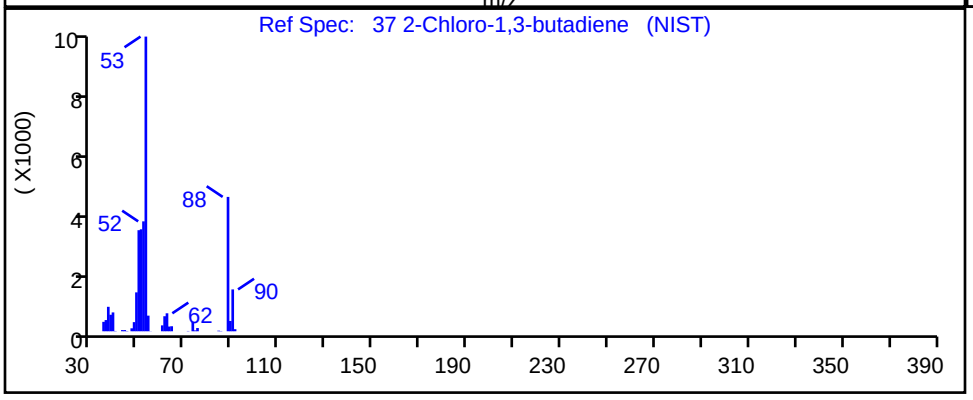
Processing Results











RT	Mass	Response	Amount
2.10	88.00	61	0.034737
2.09	53.00	40	

Reviewer: tupayachia, 13-Aug-2020 09:45:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

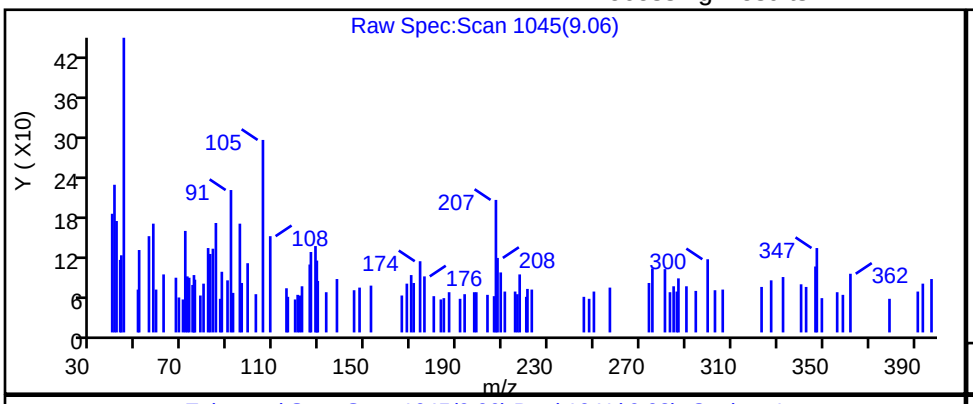
User Disabled Compound Report

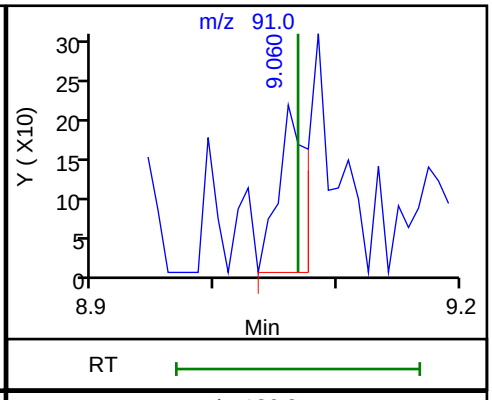
Eurofins TestAmerica, Edison

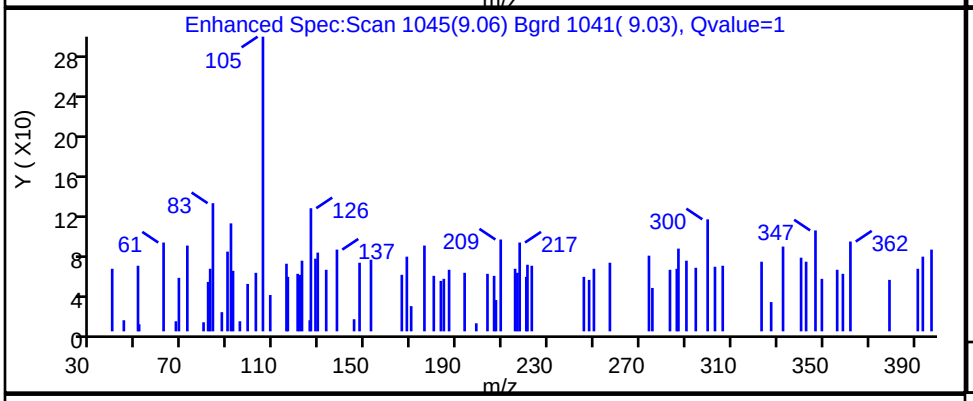
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

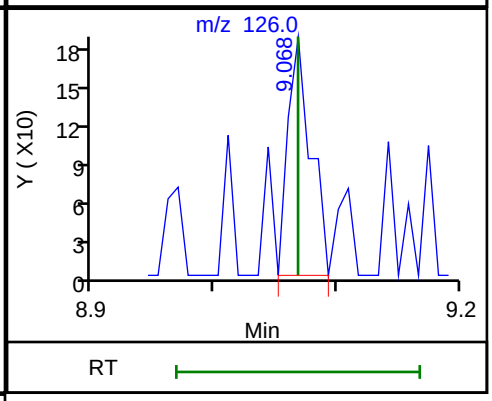
111 2-Chlorotoluene, CAS: 95-49-8

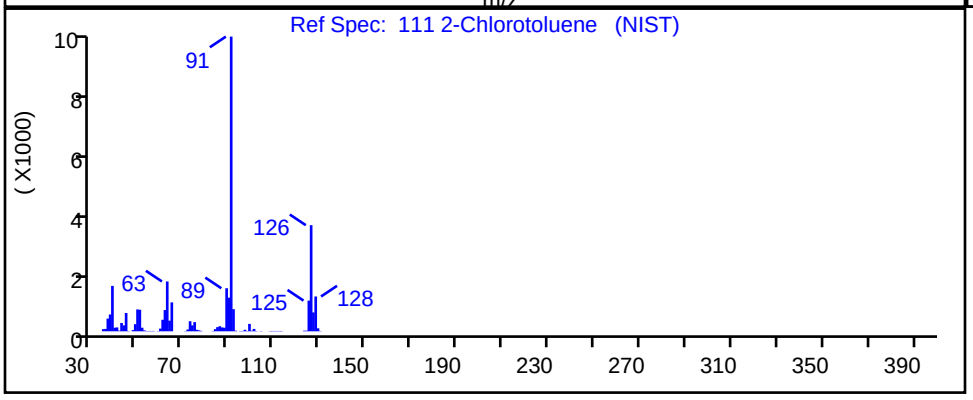
Processing Results











RT	Mass	Response	Amount
9.06	91.00	345	0.044358
9.07	126.00	240	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

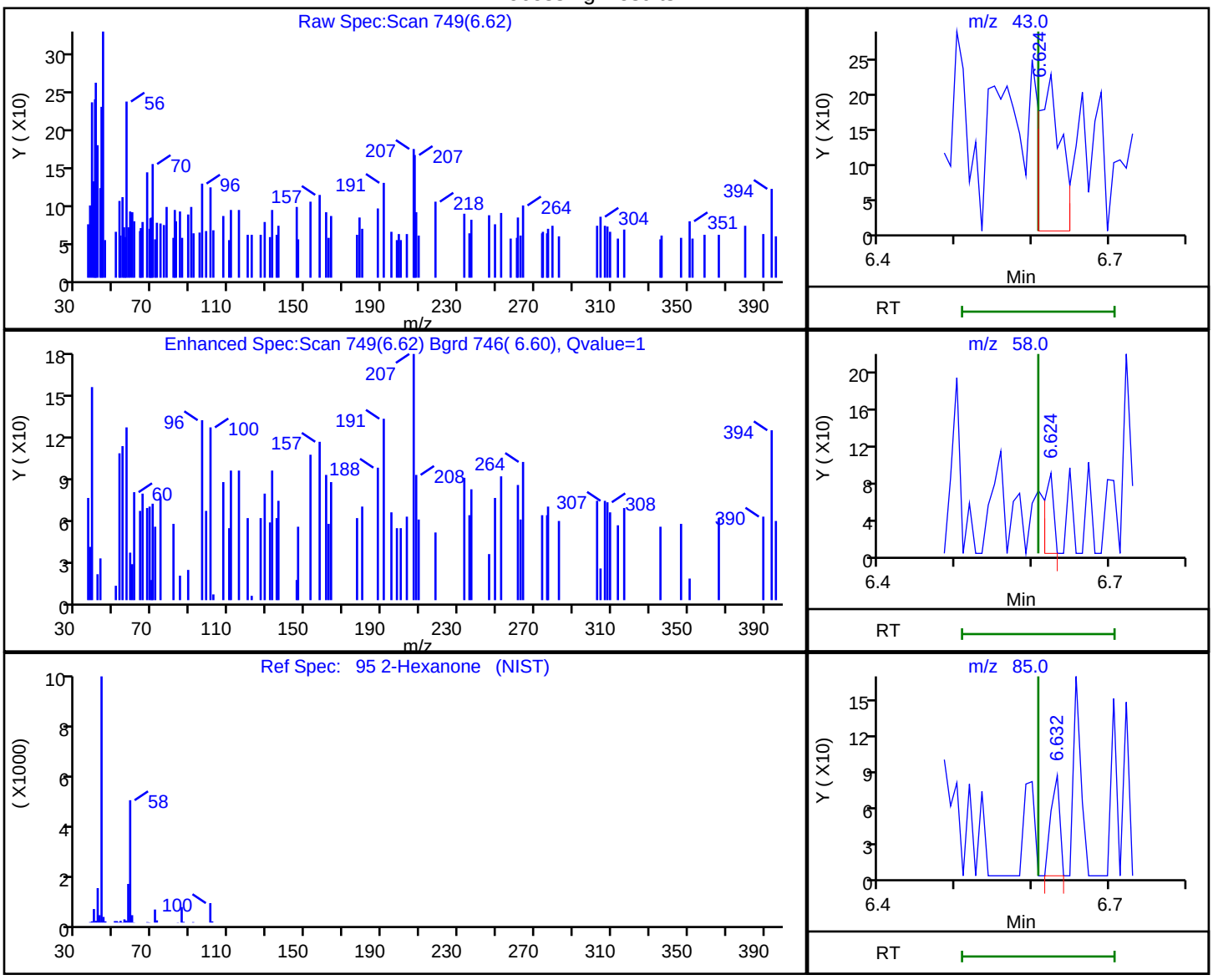
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

95 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.62	43.00	446	0.235966
6.62	58.00	72	
6.63	85.00	67	
6.62	100.00	173	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

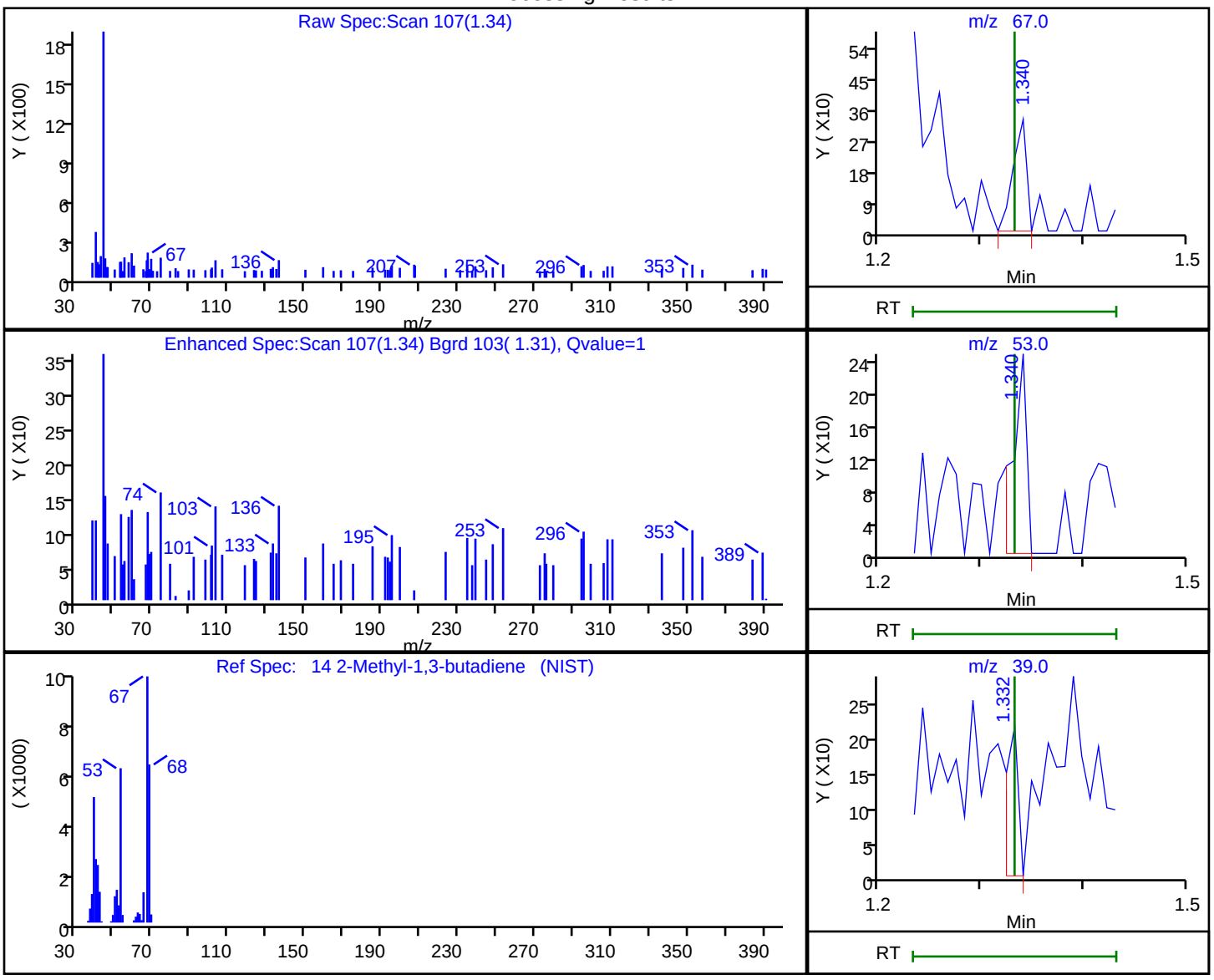
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.34	67.00	301	0.120838
1.34	53.00	230	
1.33	39.00	182	

Reviewer: tupayachia, 13-Aug-2020 09:44:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

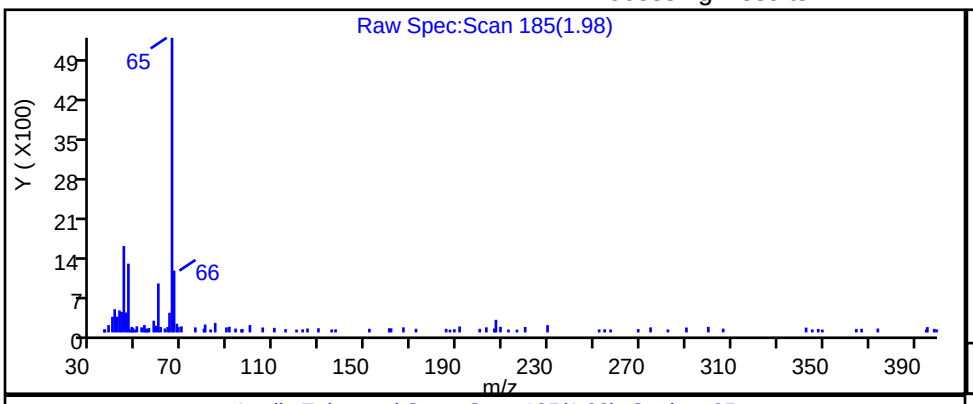
User Disabled Compound Report

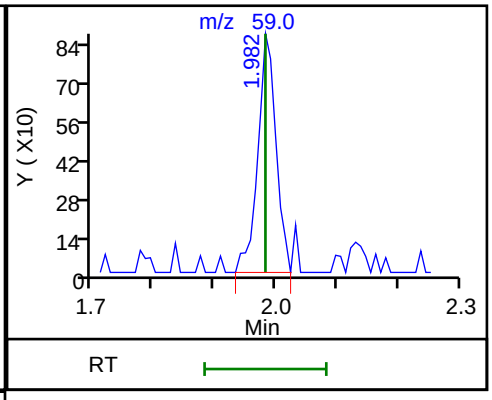
Eurofins TestAmerica, Edison

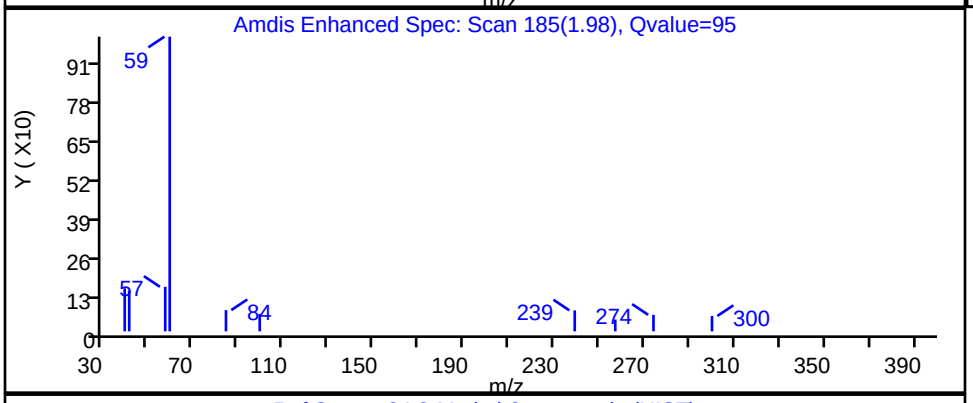
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

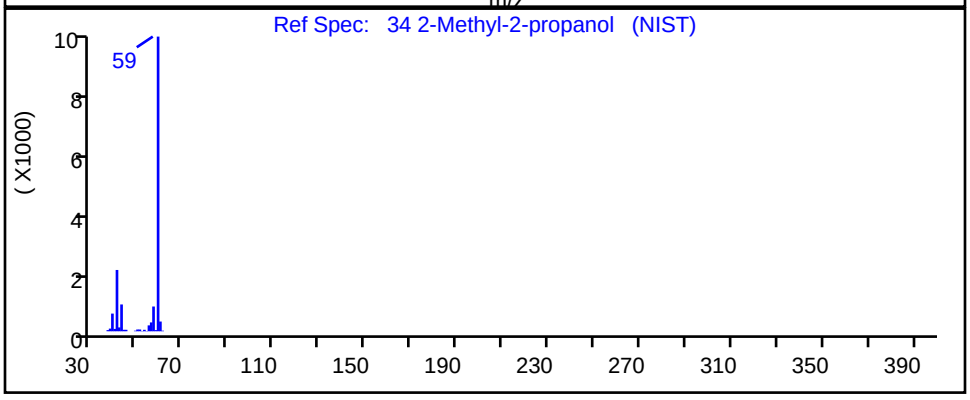
34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
1.98	59.00	1814	4.916537

Reviewer: tupayachia, 13-Aug-2020 09:45:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

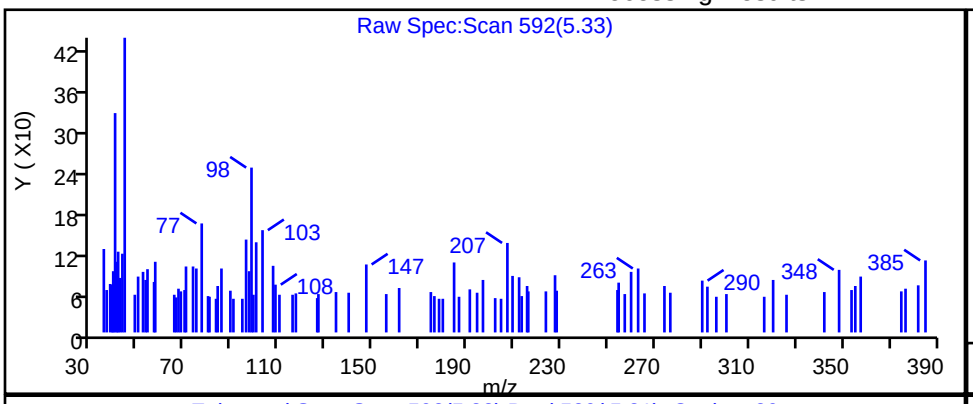
User Disabled Compound Report

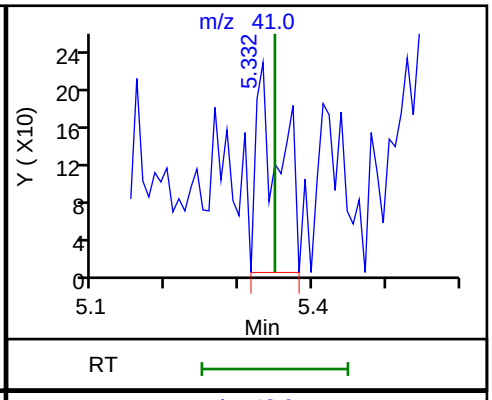
Eurofins TestAmerica, Edison

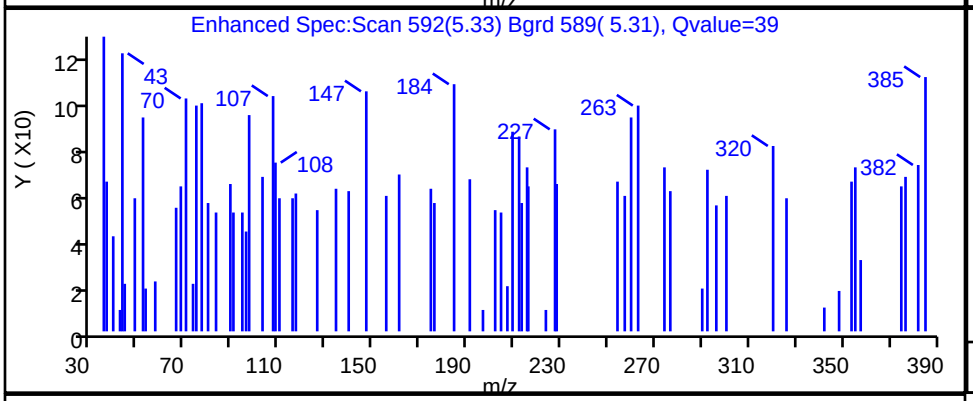
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

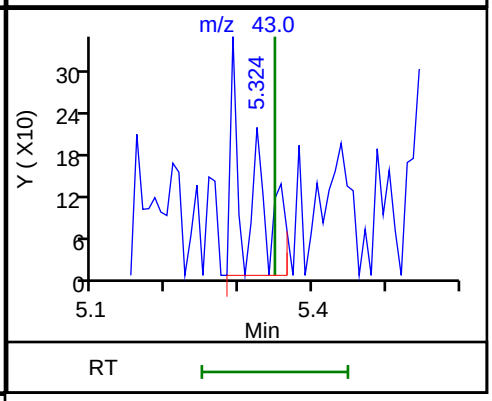
85 2-Nitropropane, CAS: 79-46-9

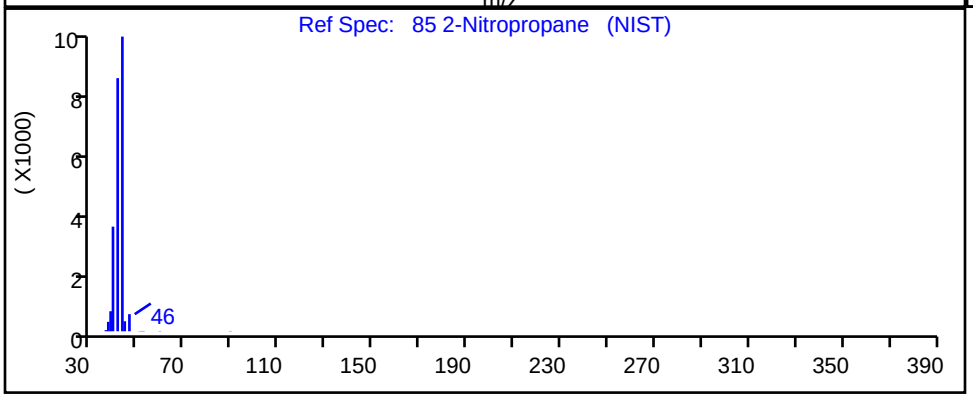
Processing Results











RT	Mass	Response	Amount
5.33	41.00	508	0.719433
5.32	43.00	569	

Reviewer: delpolitov, 14-Aug-2020 11:47:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

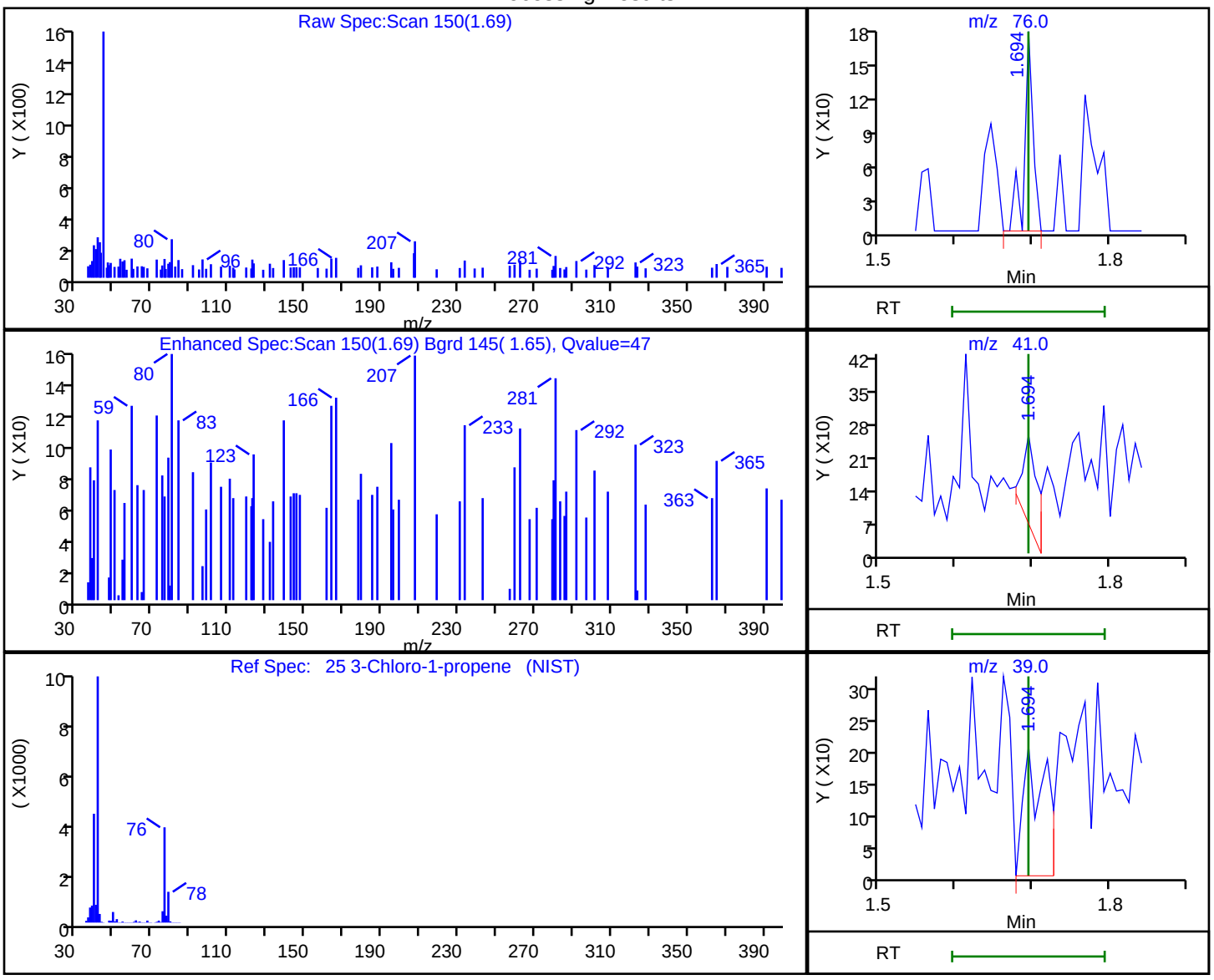
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.69	76.00	139	0.063323
1.69	41.00	268	
1.69	39.00	412	

Reviewer: tupayachia, 13-Aug-2020 09:44:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

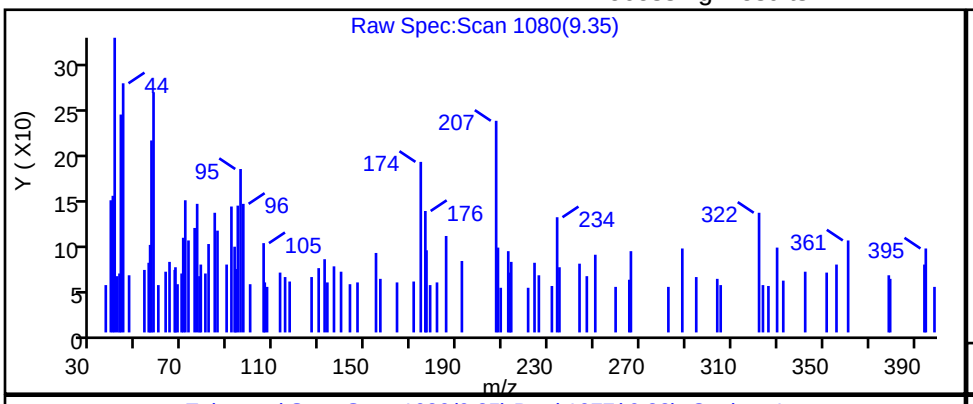
User Disabled Compound Report

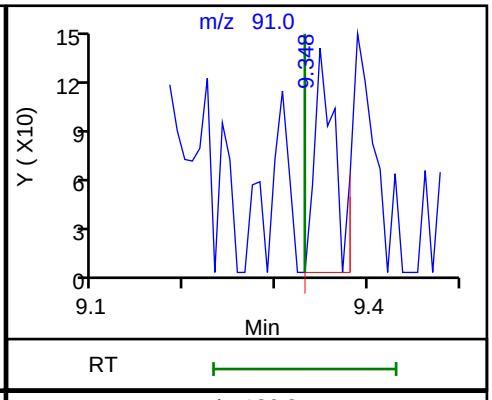
Eurofins TestAmerica, Edison

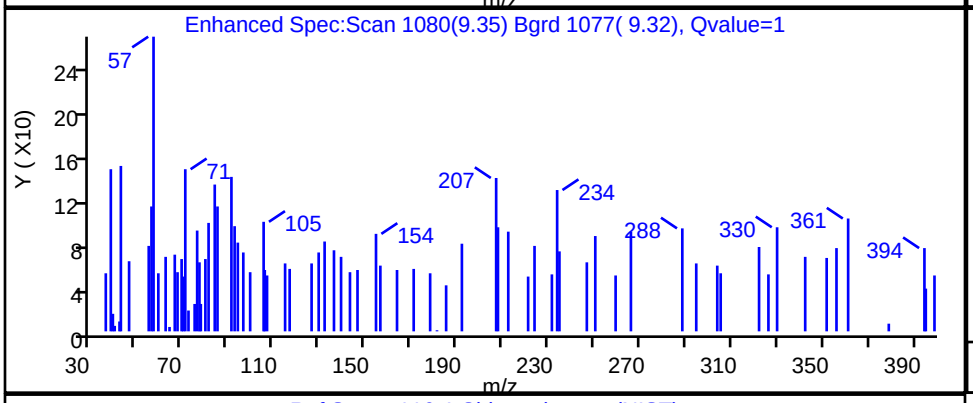
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

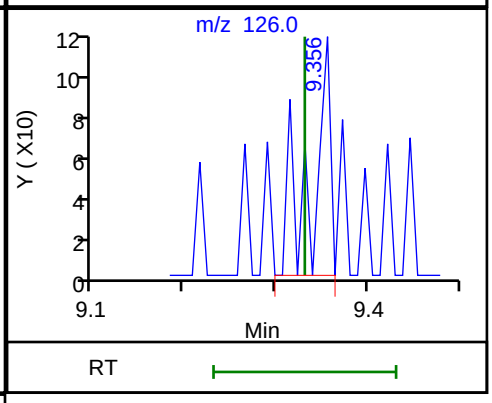
116 4-Chlorotoluene, CAS: 106-43-4

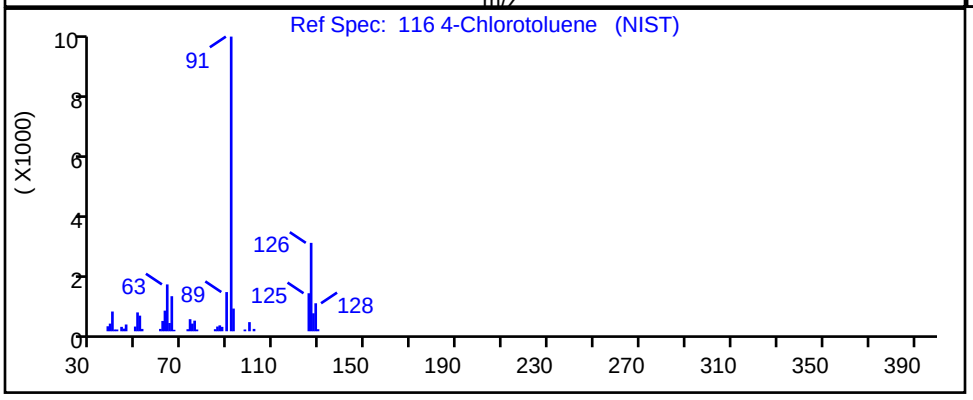
Processing Results











RT	Mass	Response	Amount
9.35	91.00	223	0.029827
9.36	126.00	164	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

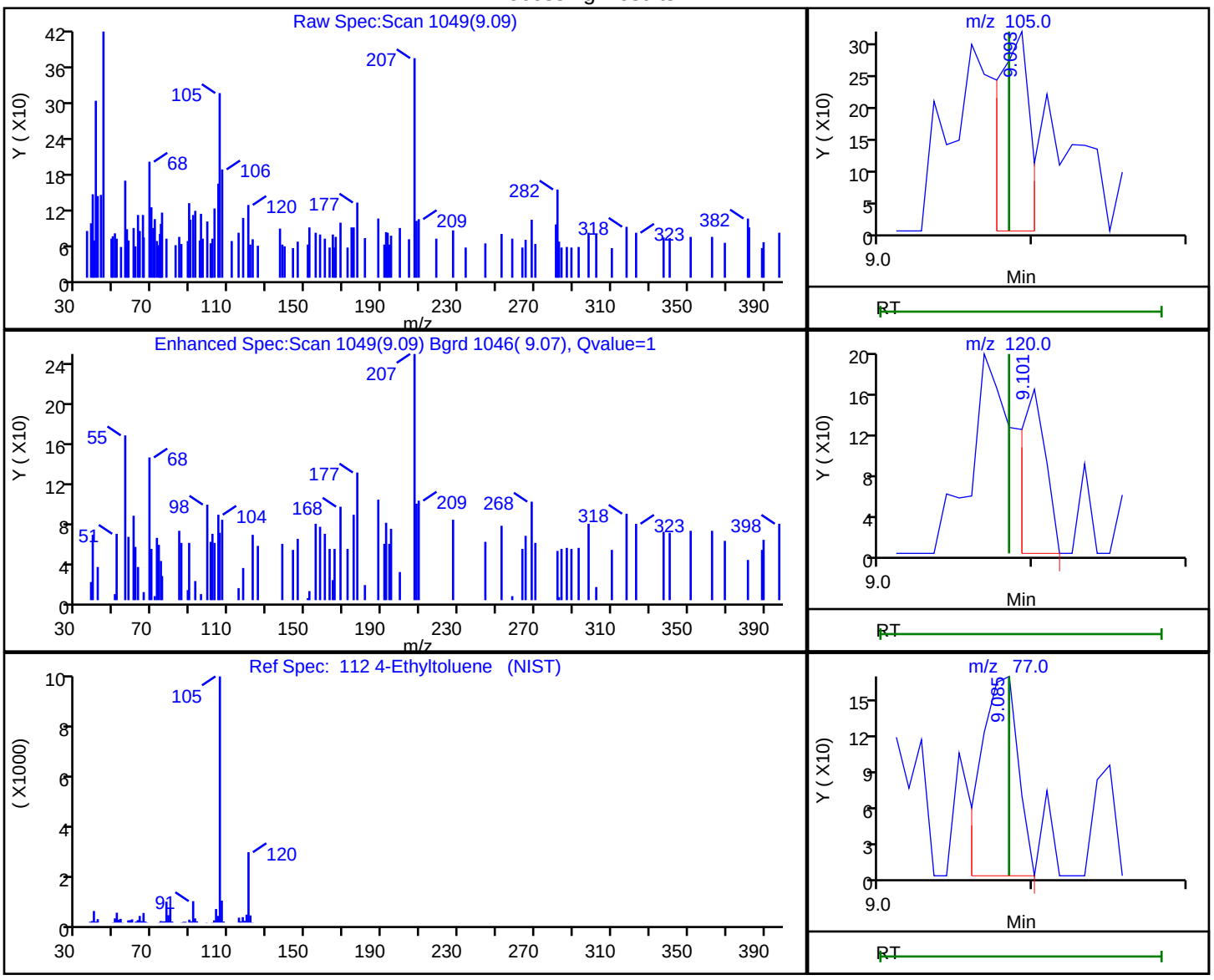
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.09	105.00	455	0.060530
9.10	120.00	186	
9.08	77.00	278	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

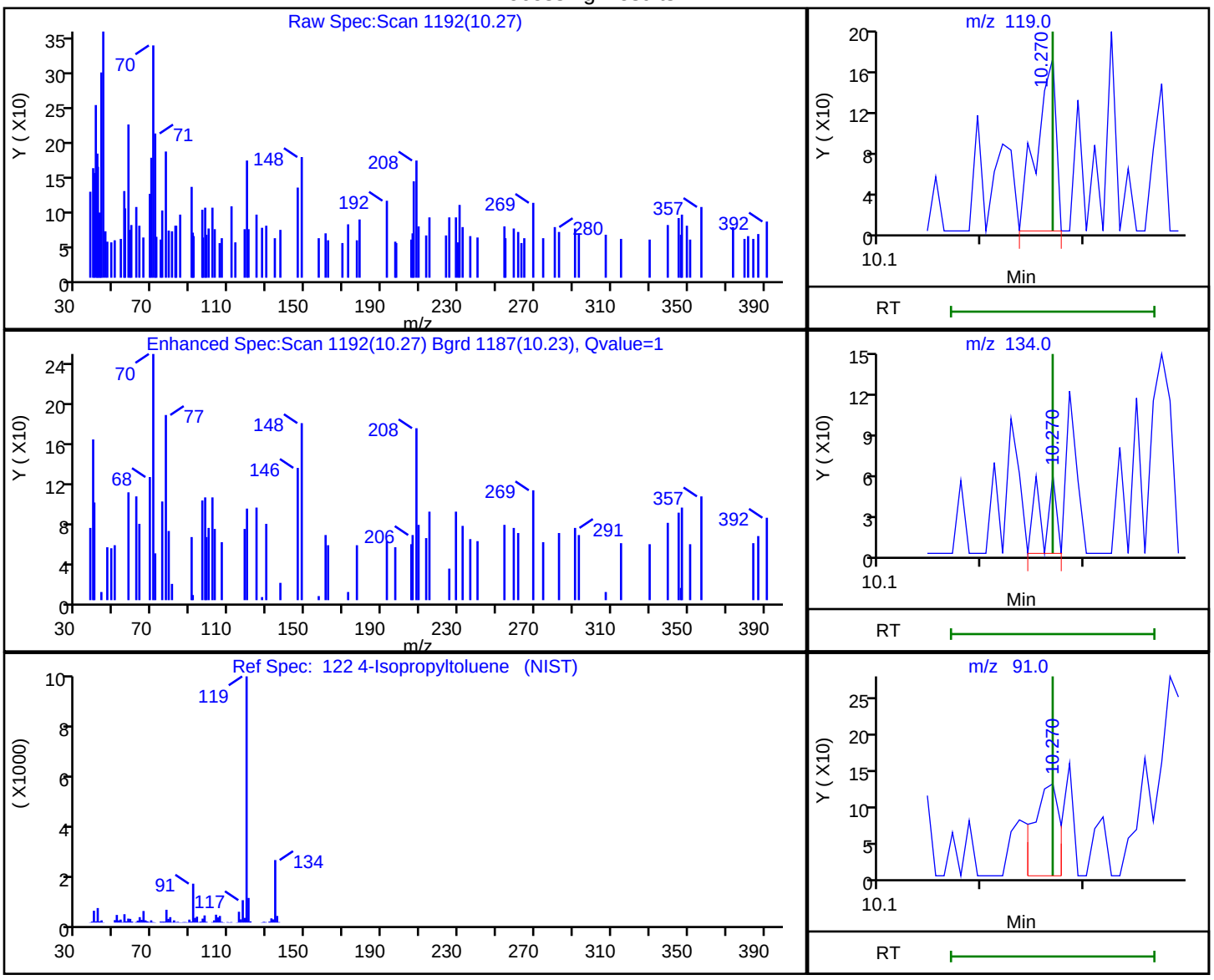
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.27	119.00	221	0.039326
10.27	134.00	56	
10.27	91.00	224	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

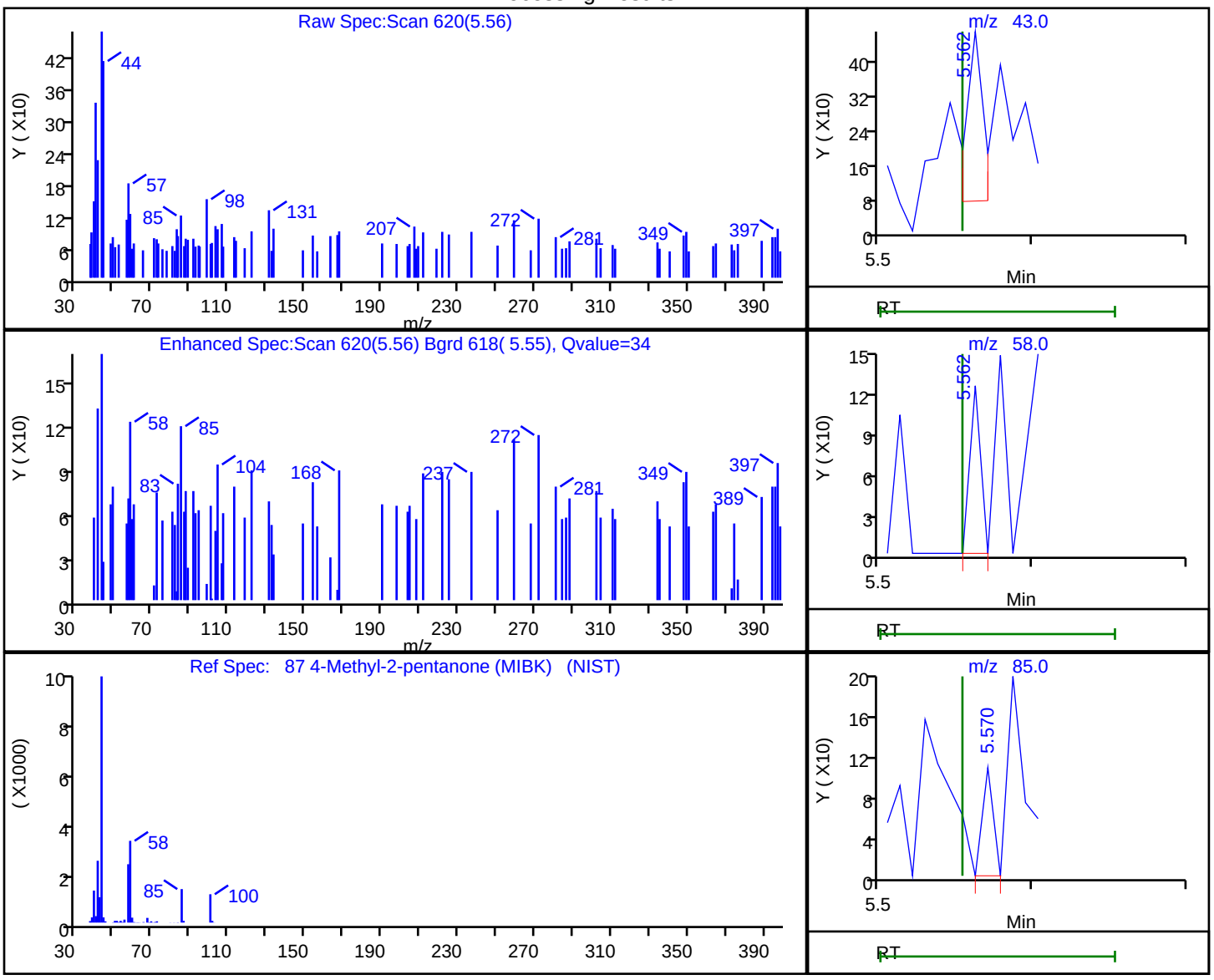
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

87 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.56	43.00	310	0.114034
5.56	58.00	60	
5.57	85.00	53	
5.55	100.00	108	

Reviewer: delpolitov, 14-Aug-2020 11:47:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

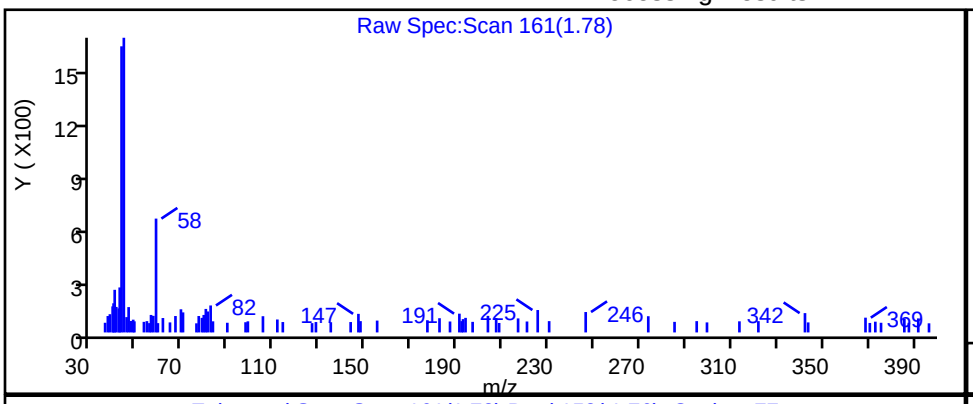
User Disabled Compound Report

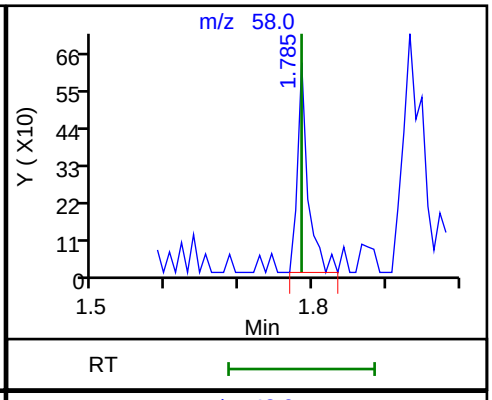
Eurofins TestAmerica, Edison

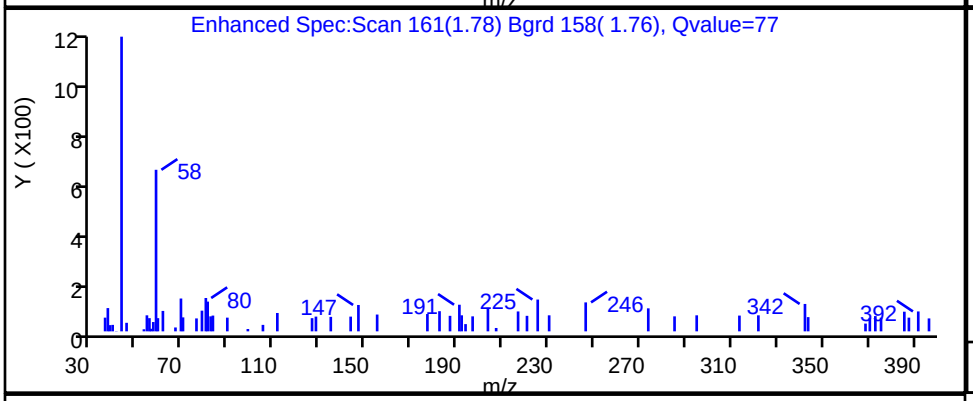
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

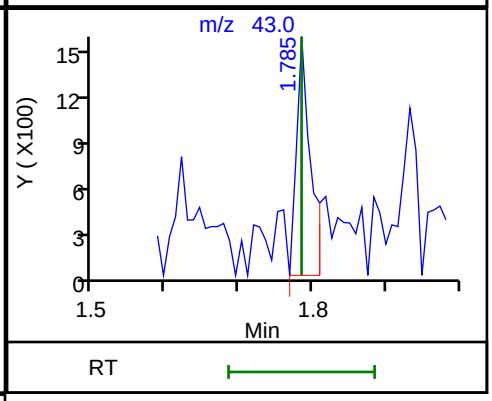
28 Acetone, CAS: 67-64-1

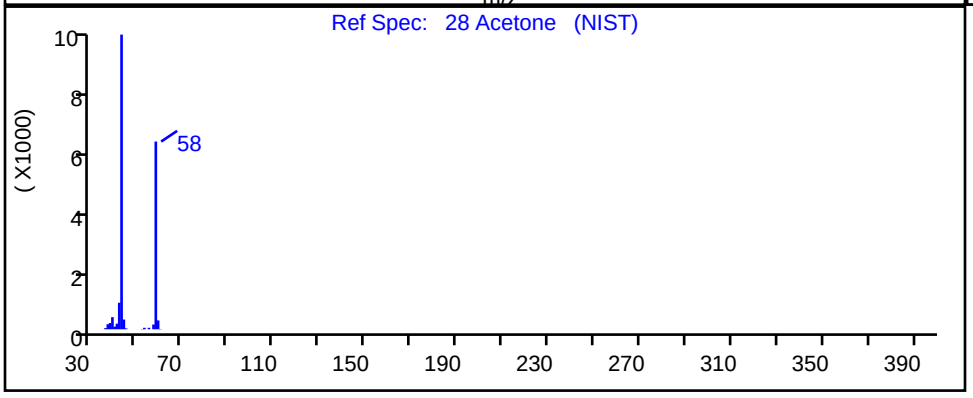
Processing Results











RT	Mass	Response	Amount
1.78	58.00	625	2.101003
1.78	43.00	2096	

Reviewer: tupayachia, 13-Aug-2020 09:44:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

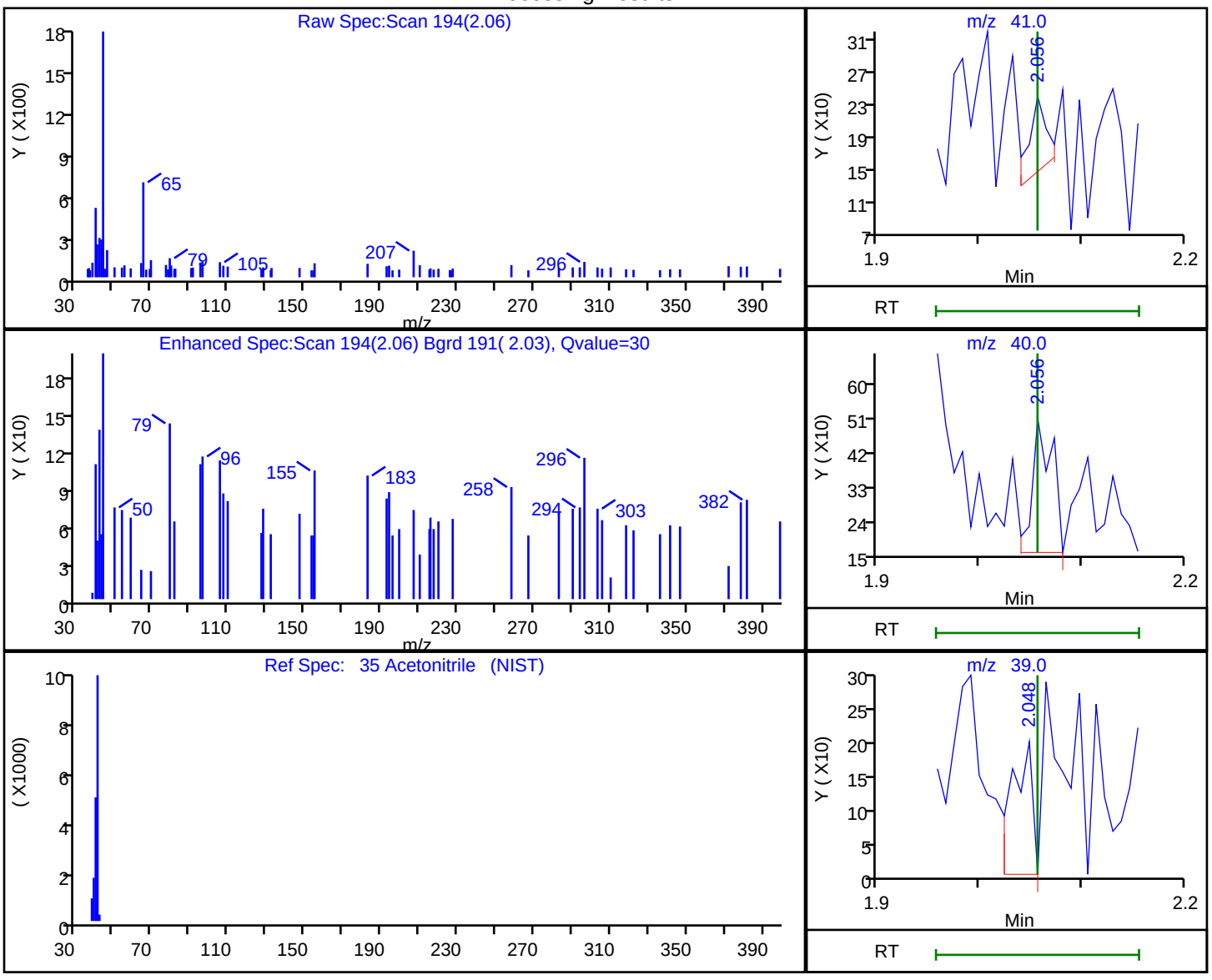
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.06	41.00	109	0.577059
2.06	40.00	481	
2.05	39.00	278	
2.06	38.00	128	

Reviewer: tupayachia, 13-Aug-2020 09:45:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

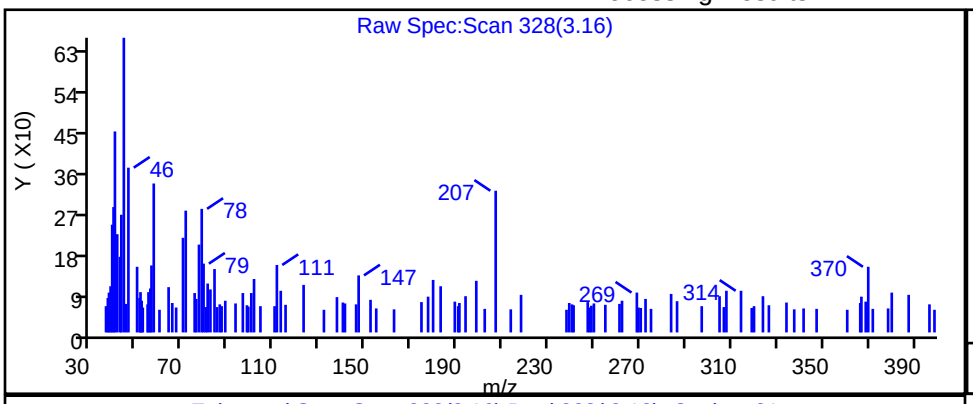
User Disabled Compound Report

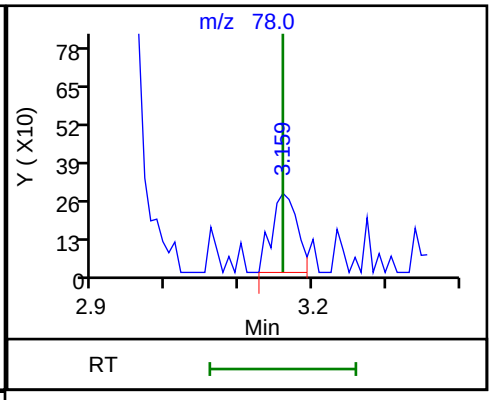
Eurofins TestAmerica, Edison

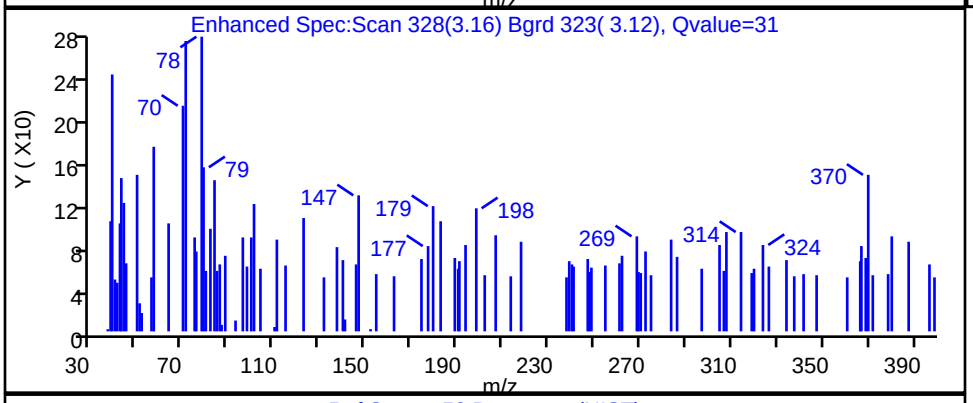
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

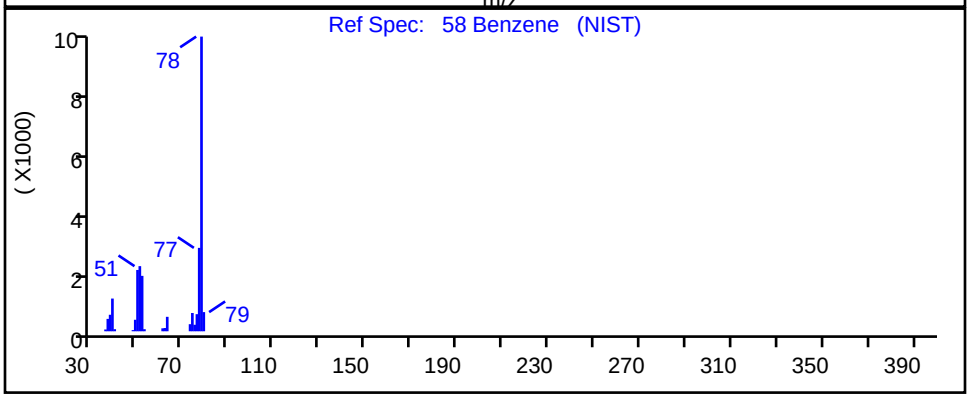
58 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.16	78.00	669	0.052660

Reviewer: delpolitov, 14-Aug-2020 11:47:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

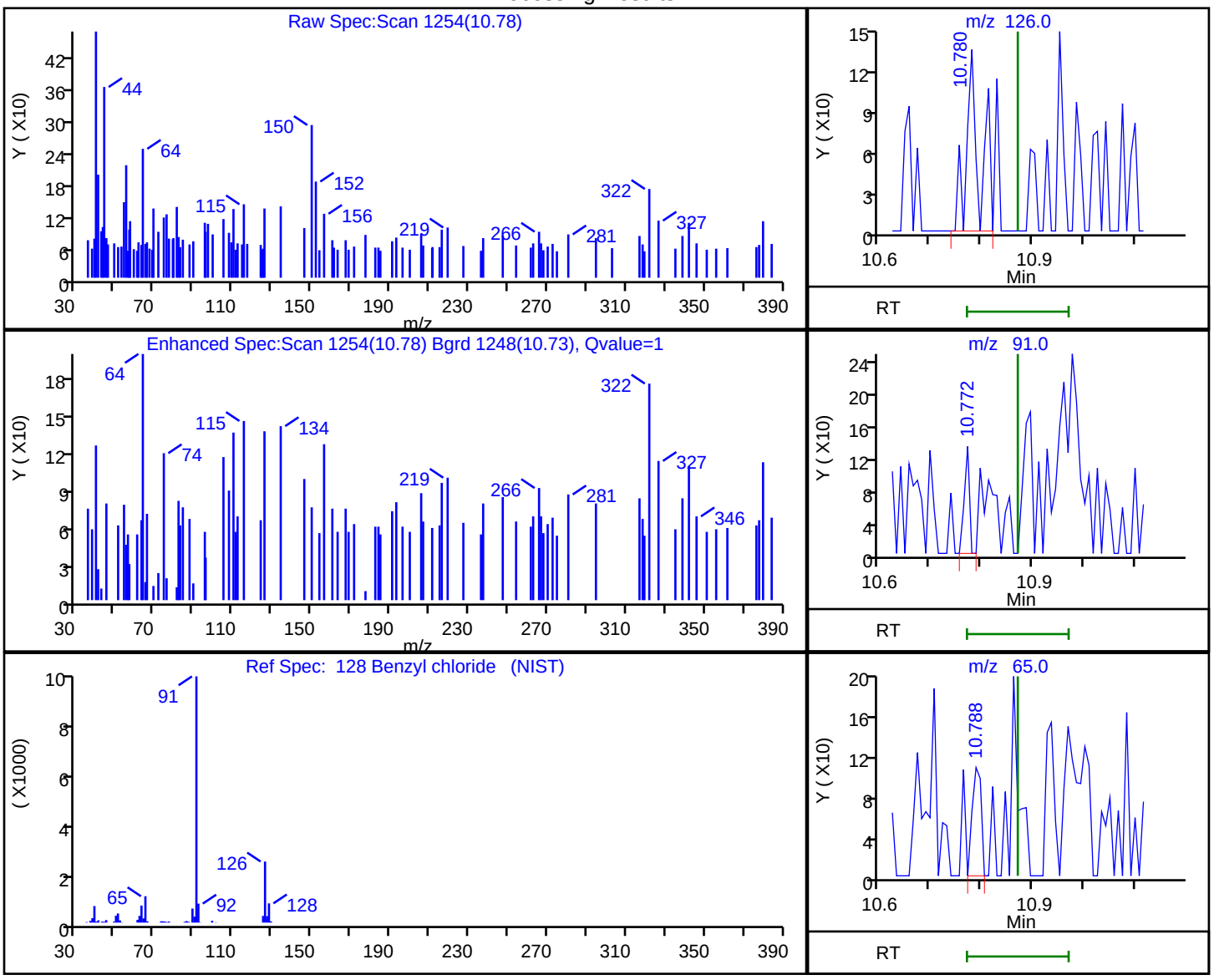
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

128 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.78	126.00	238	0.146260
10.77	91.00	93	
10.79	65.00	133	

Reviewer: delpolitov, 14-Aug-2020 11:48:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

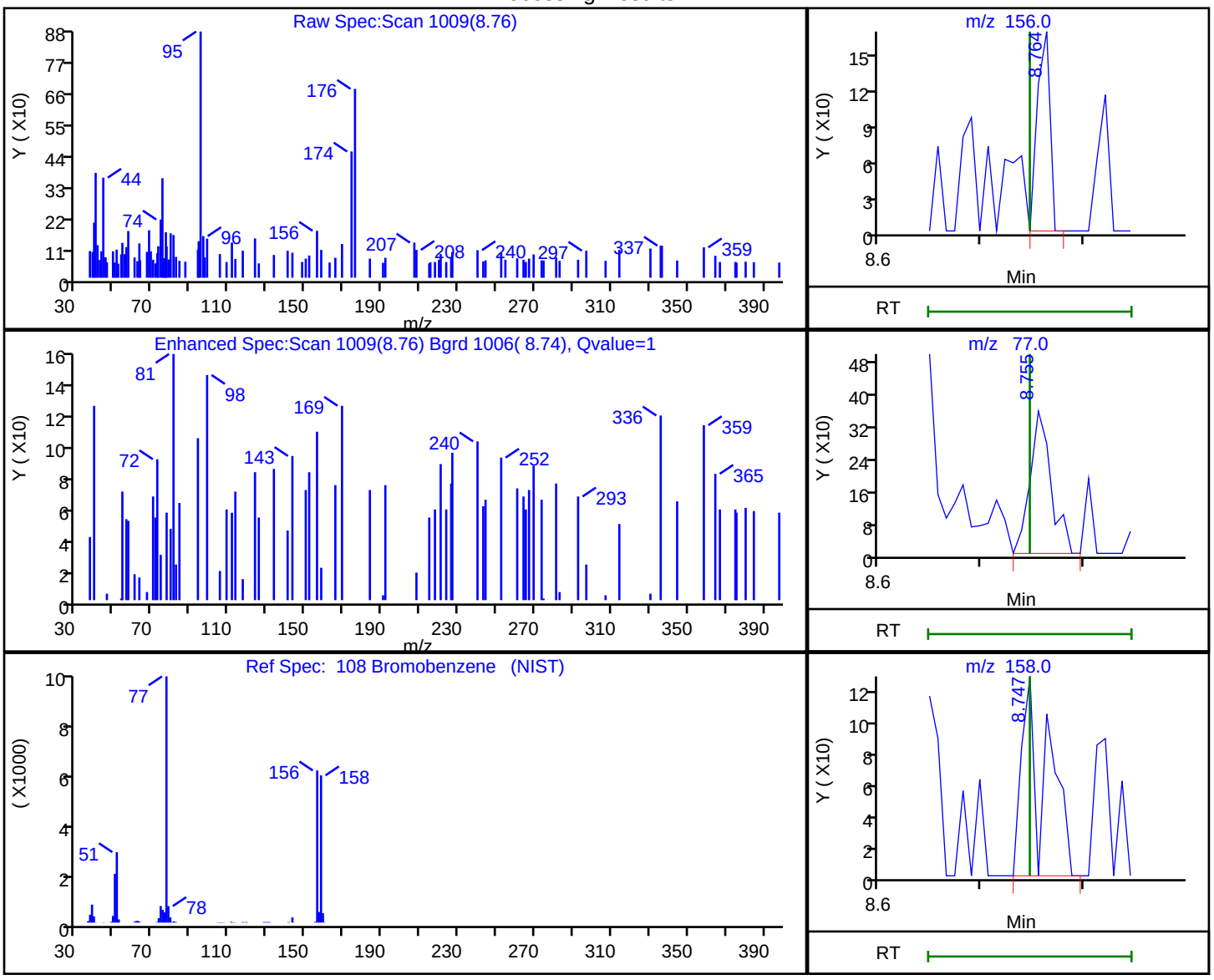
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

108 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
8.76	156.00	143	0.044354
8.76	77.00	512	
8.75	158.00	205	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

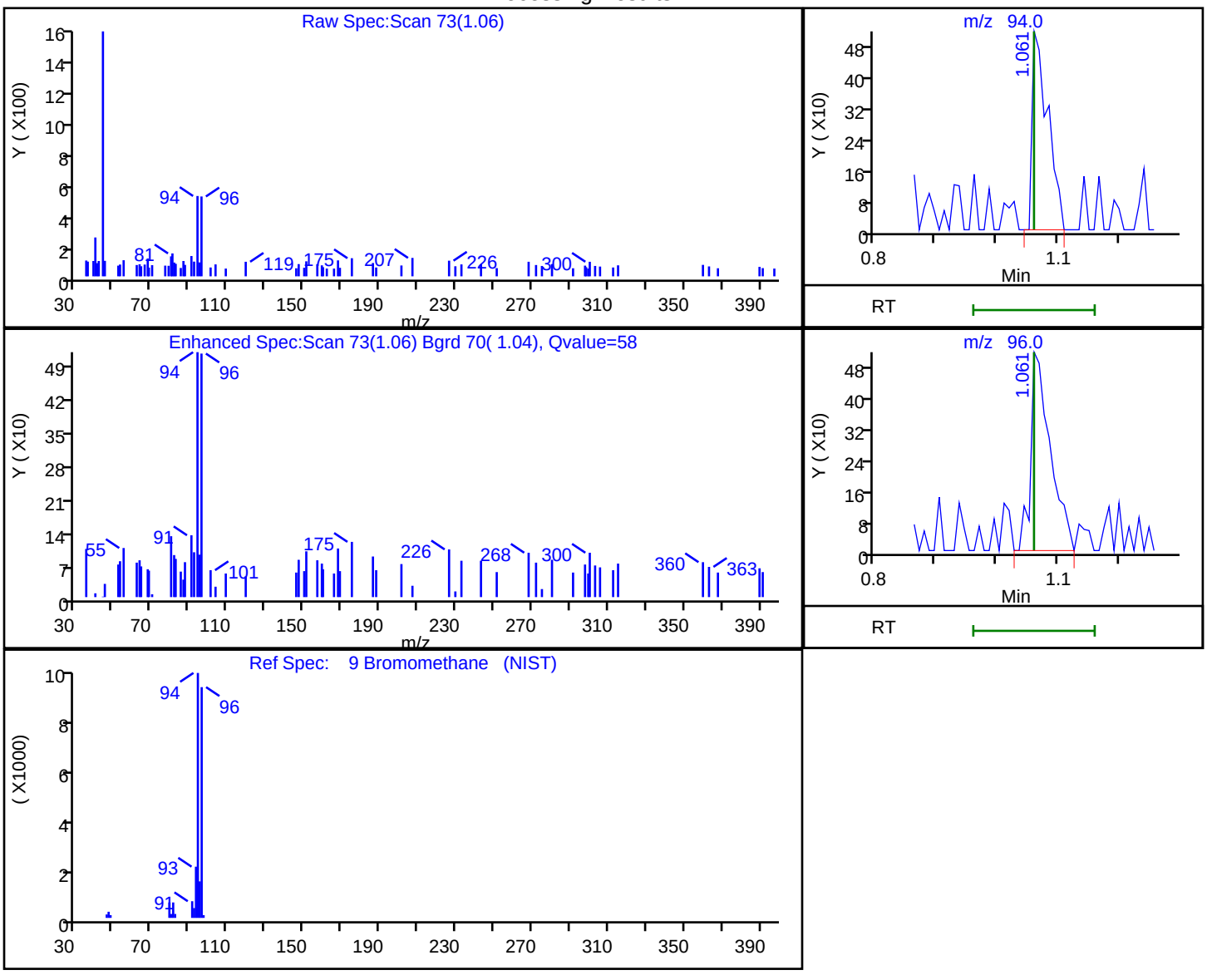
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.06	94.00	926	0.332992
1.06	96.00	1158	

Reviewer: tupayachia, 13-Aug-2020 09:44:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

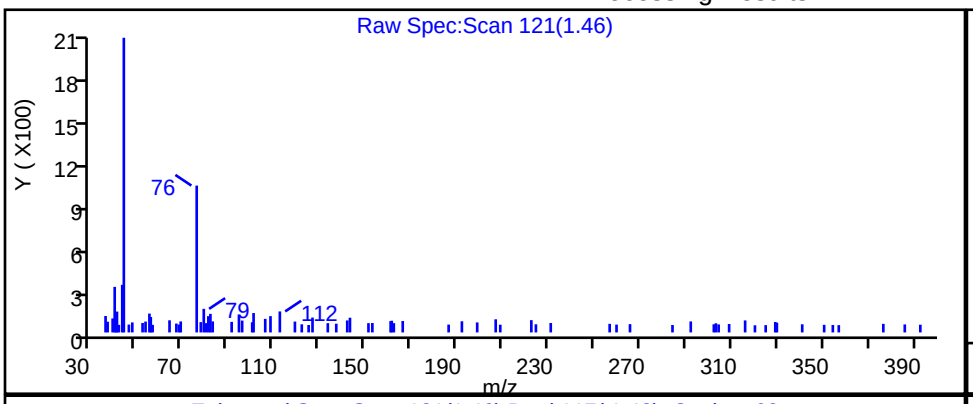
User Disabled Compound Report

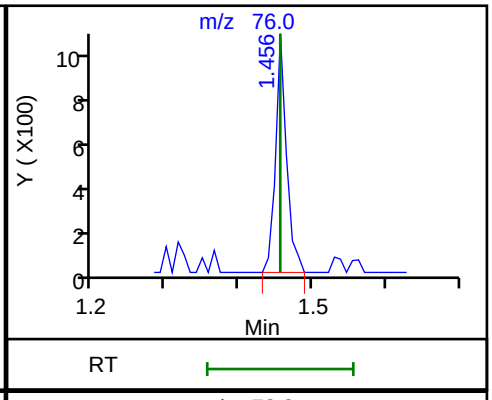
Eurofins TestAmerica, Edison

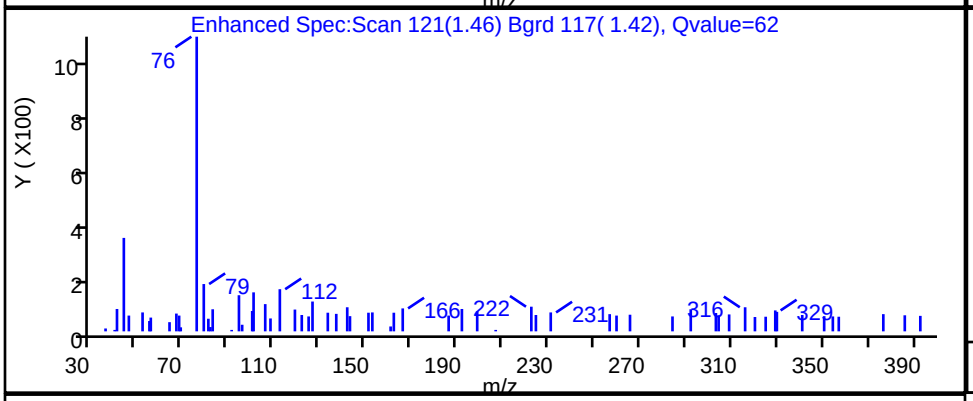
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

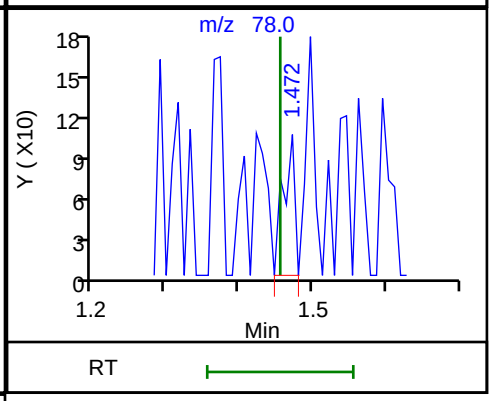
19 Carbon disulfide, CAS: 75-15-0

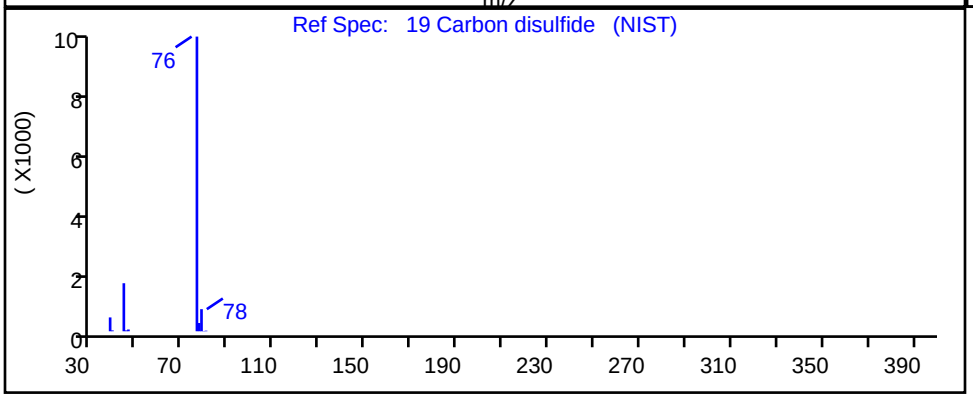
Processing Results











RT	Mass	Response	Amount
1.46	76.00	1074	0.104181
1.47	78.00	114	

Reviewer: tupayachia, 13-Aug-2020 09:44:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

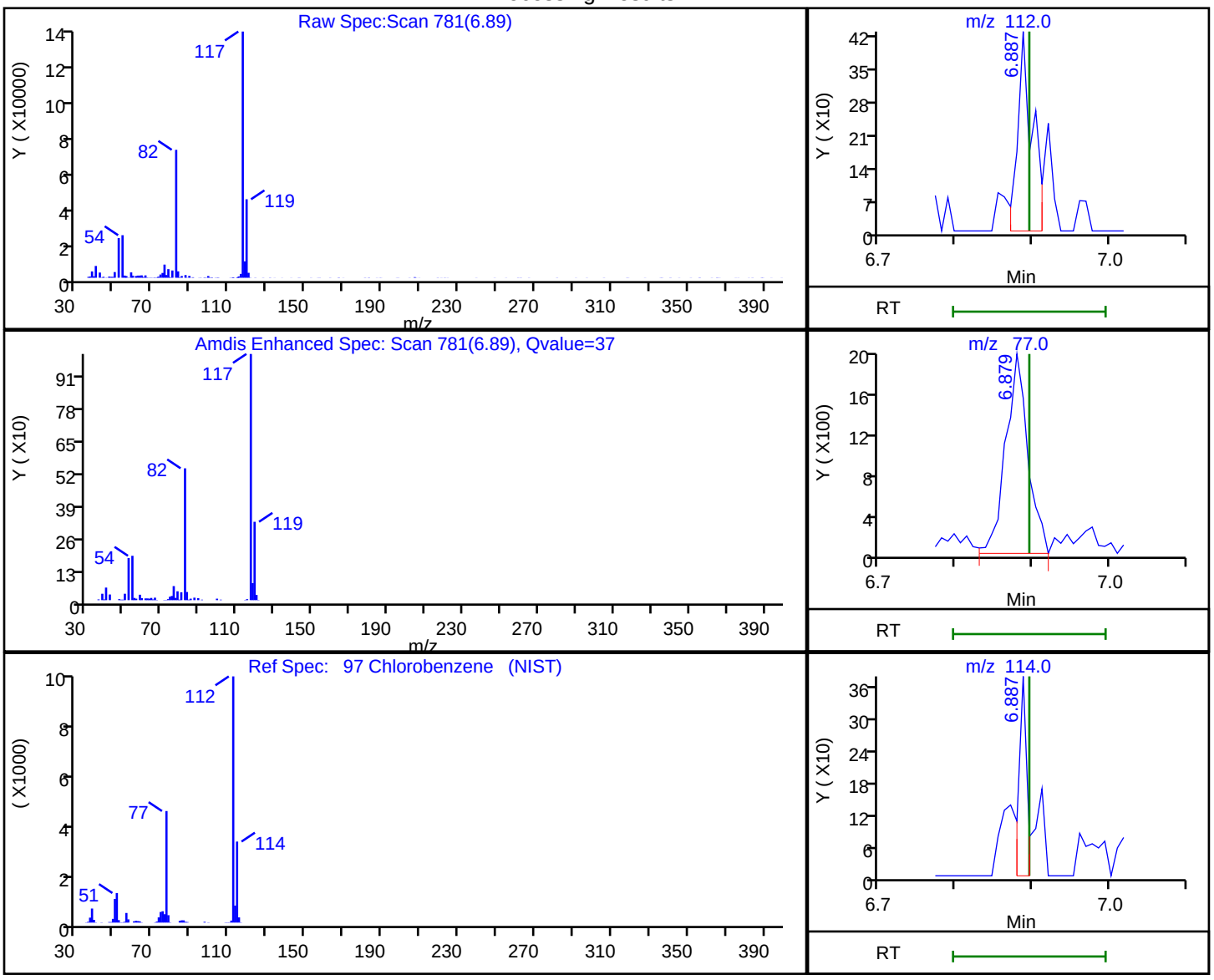
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

97 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
6.89	112.00	582	0.070519
6.88	77.00	3974	
6.89	114.00	276	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

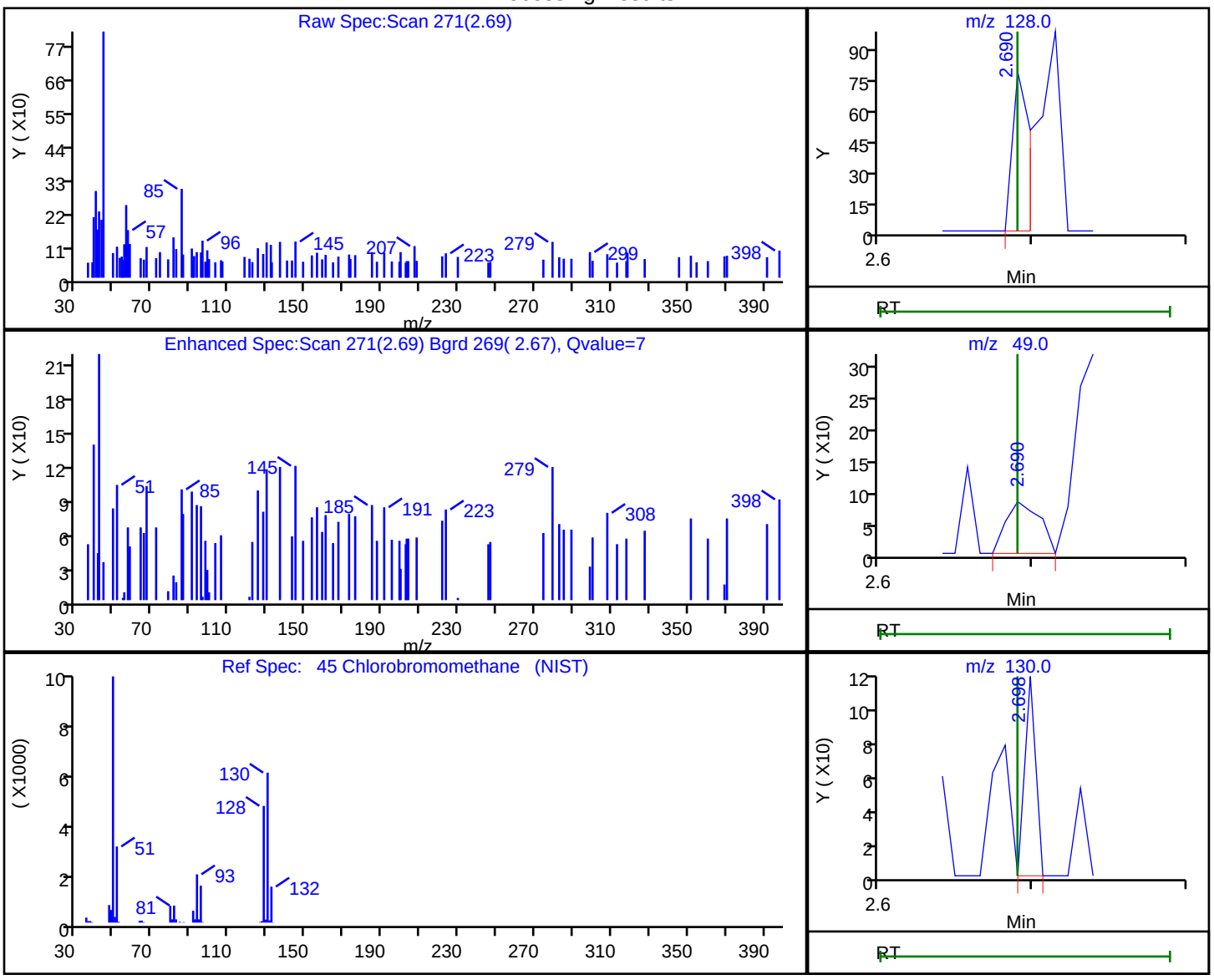
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
2.69	128.00	64	0.033020
2.69	49.00	125	
2.70	130.00	57	

Reviewer: tupayachia, 13-Aug-2020 09:45:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

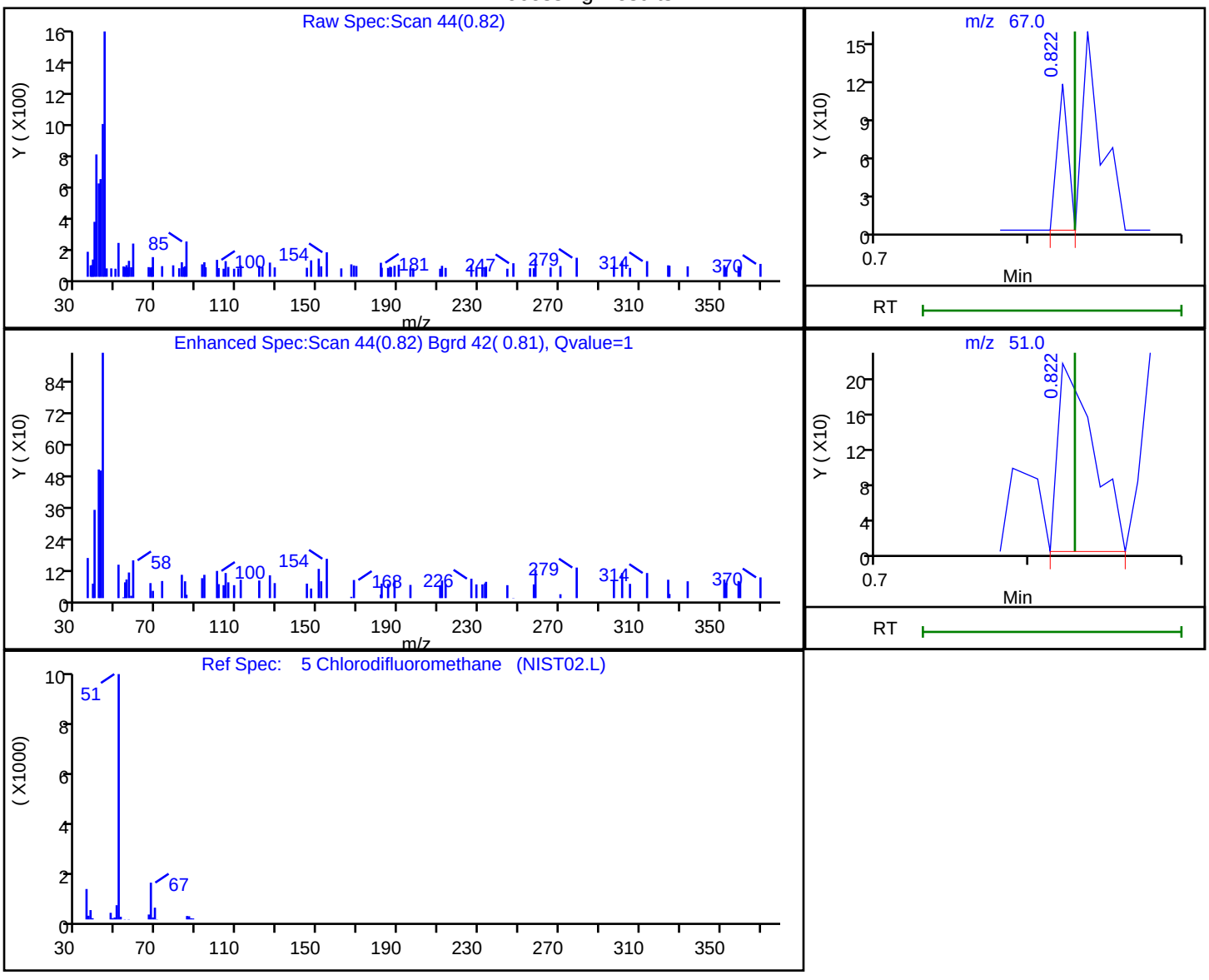
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.82	67.00	58	0.129960
0.82	51.00	342	

Reviewer: tupayachia, 13-Aug-2020 09:44:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

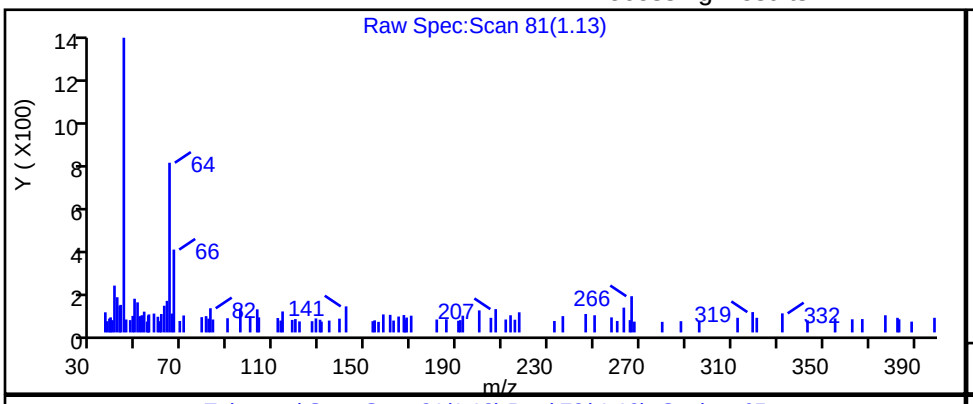
User Disabled Compound Report

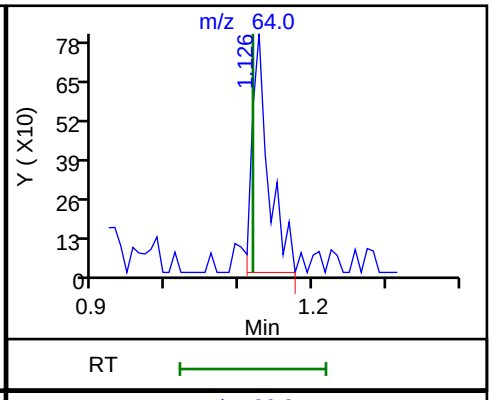
Eurofins TestAmerica, Edison

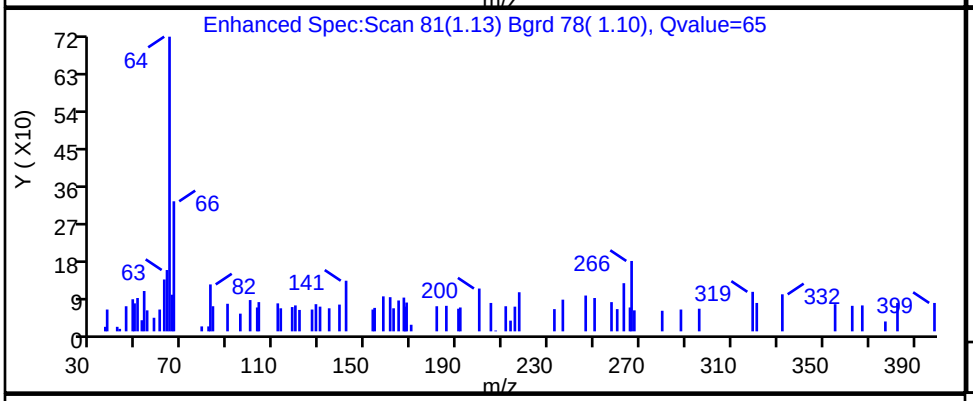
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

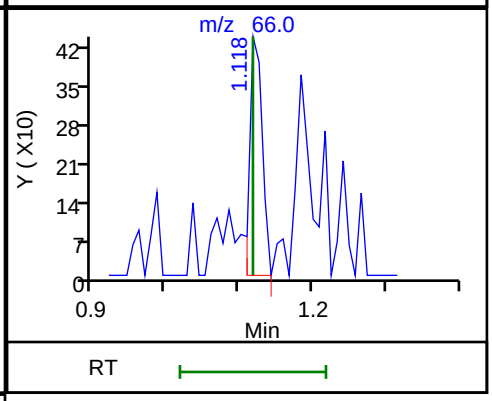
10 Chloroethane, CAS: 75-00-3

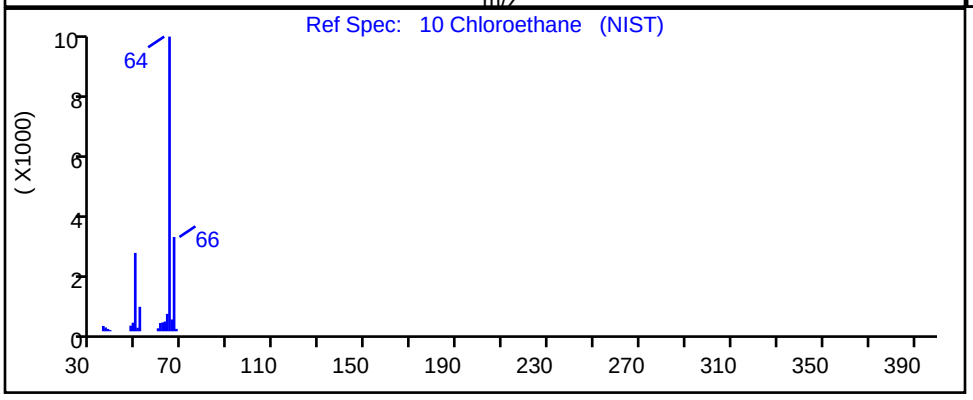
Processing Results











RT	Mass	Response	Amount
1.13	64.00	1243	0.447926
1.12	66.00	514	

Reviewer: tupayachia, 13-Aug-2020 09:44:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

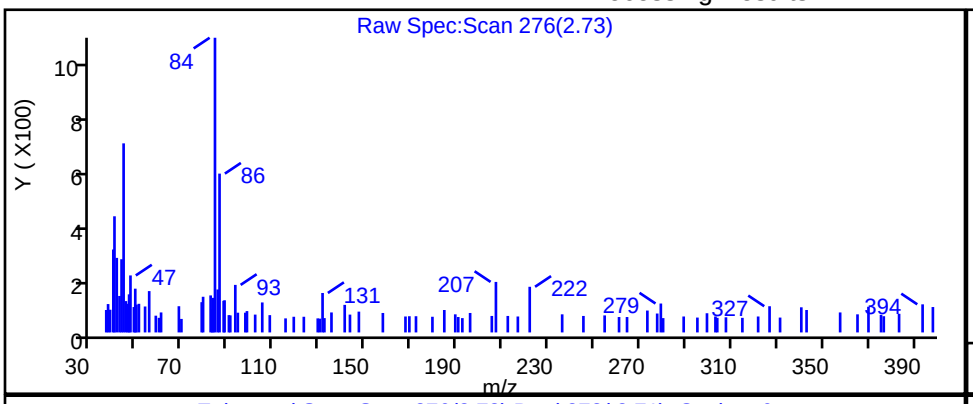
User Disabled Compound Report

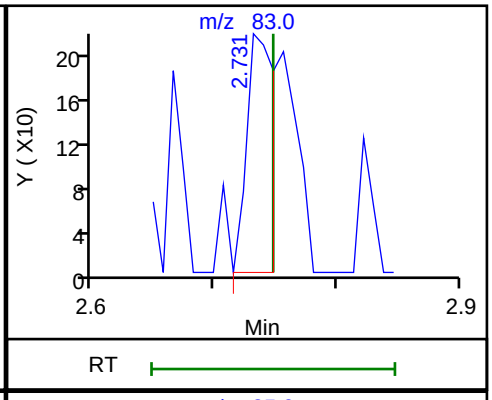
Eurofins TestAmerica, Edison

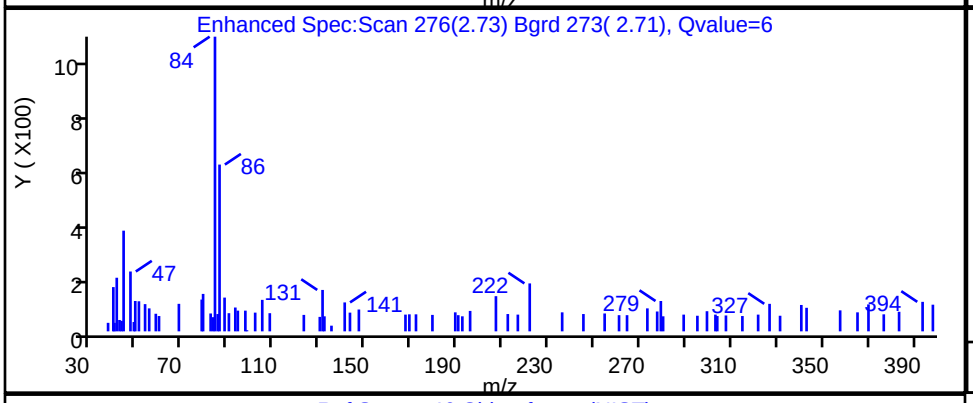
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

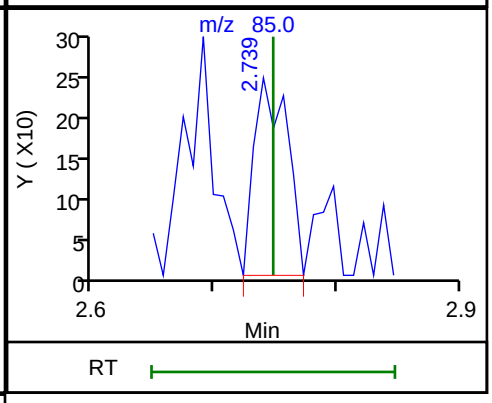
46 Chloroform, CAS: 67-66-3

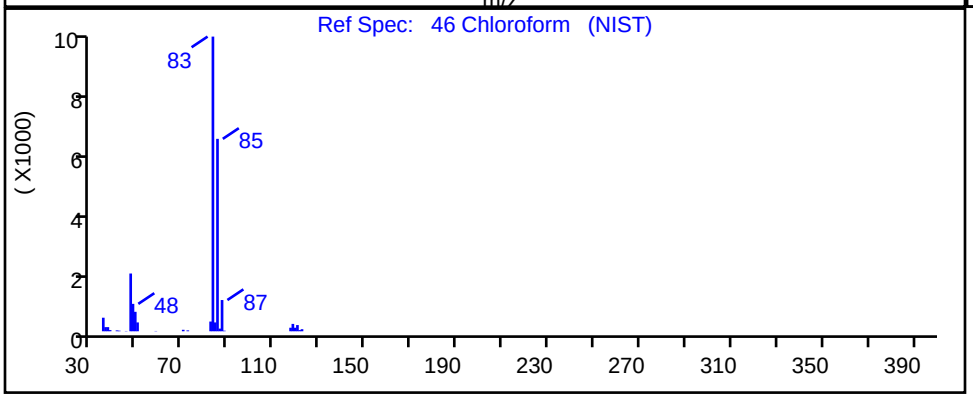
Processing Results











RT	Mass	Response	Amount
2.73	83.00	330	0.055574
2.74	85.00	460	

Reviewer: tupayachia, 13-Aug-2020 09:45:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

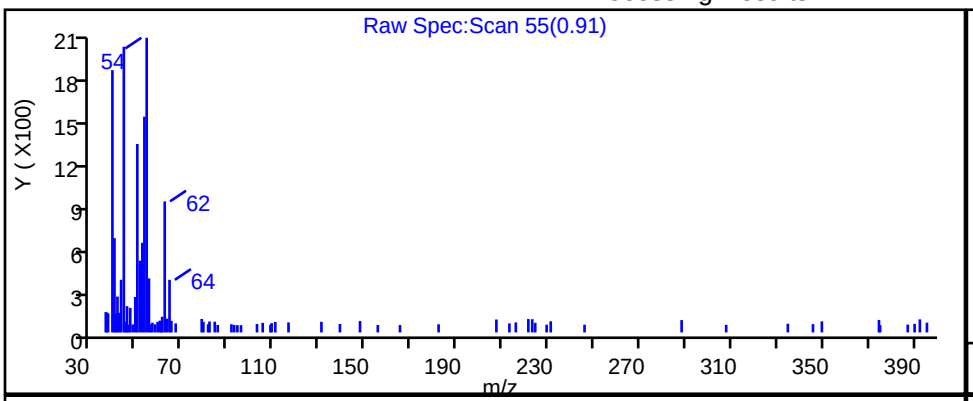
User Disabled Compound Report

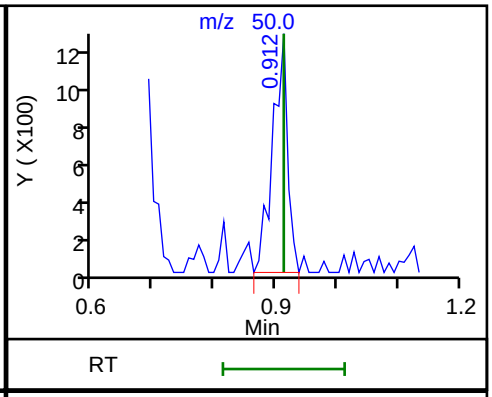
Eurofins TestAmerica, Edison

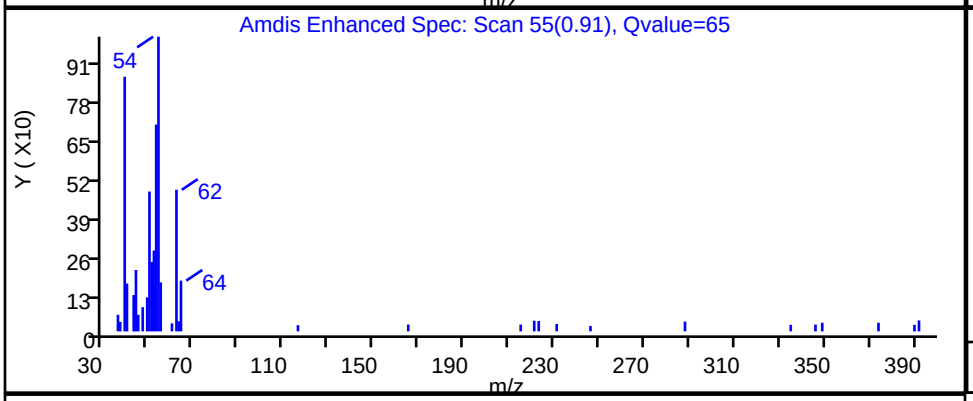
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

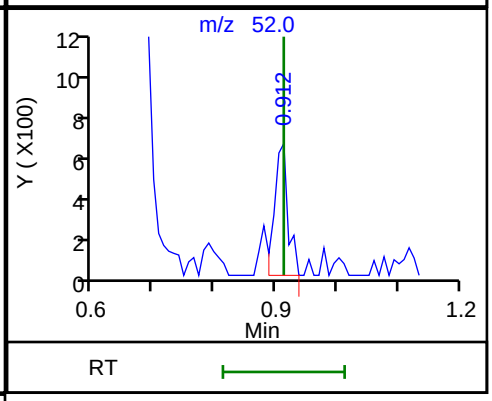
6 Chloromethane, CAS: 74-87-3

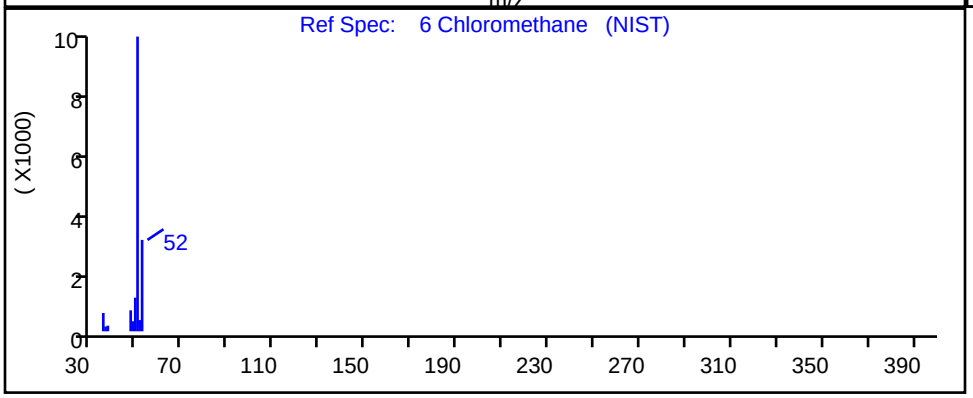
Processing Results











RT	Mass	Response	Amount
0.91	50.00	2197	0.416746
0.91	52.00	939	

Reviewer: tupayachia, 13-Aug-2020 09:44:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

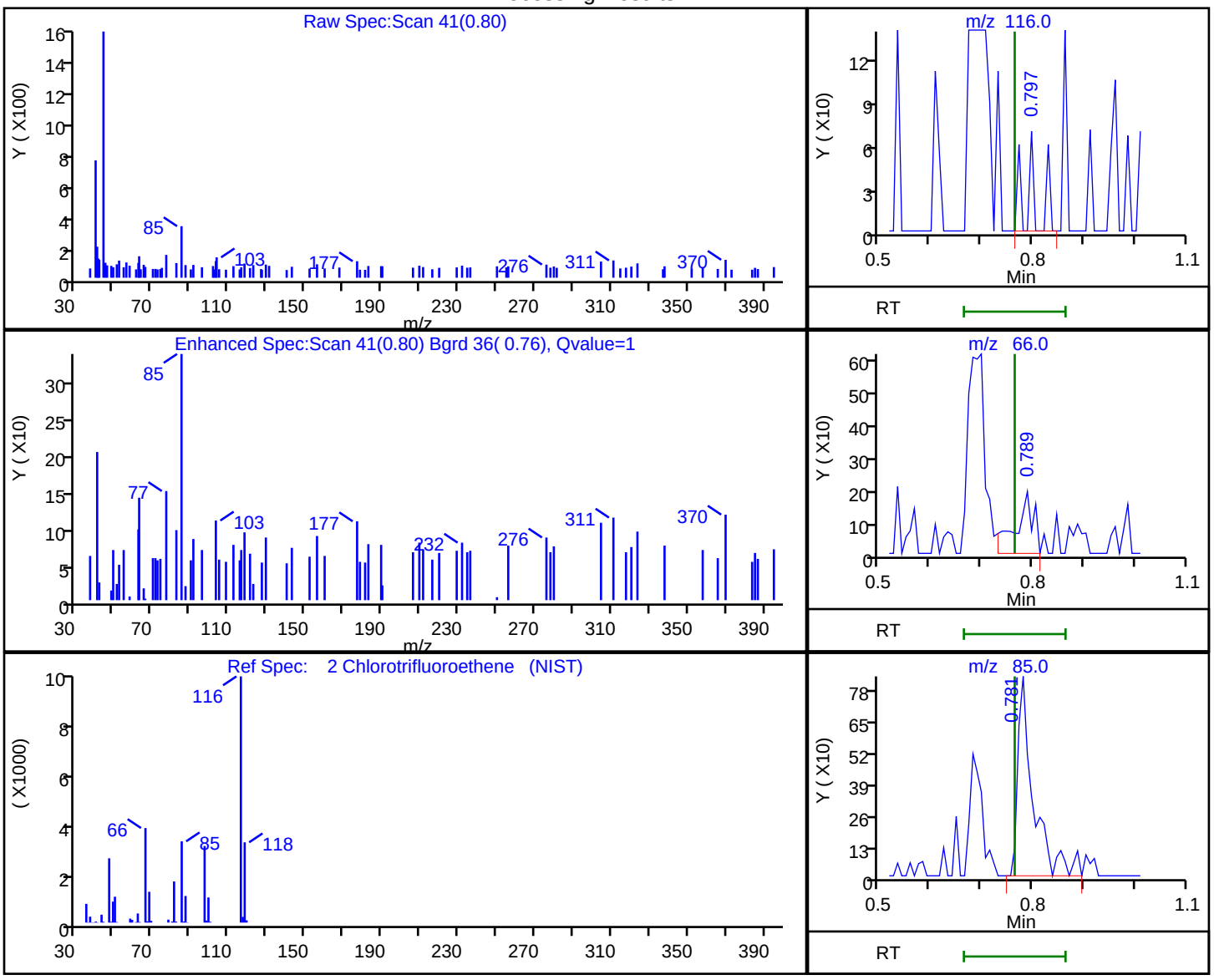
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.80	116.00	92	0.106868
0.79	66.00	461	
0.78	85.00	1786	
0.78	118.00	152	

Reviewer: tupayachia, 13-Aug-2020 09:43:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

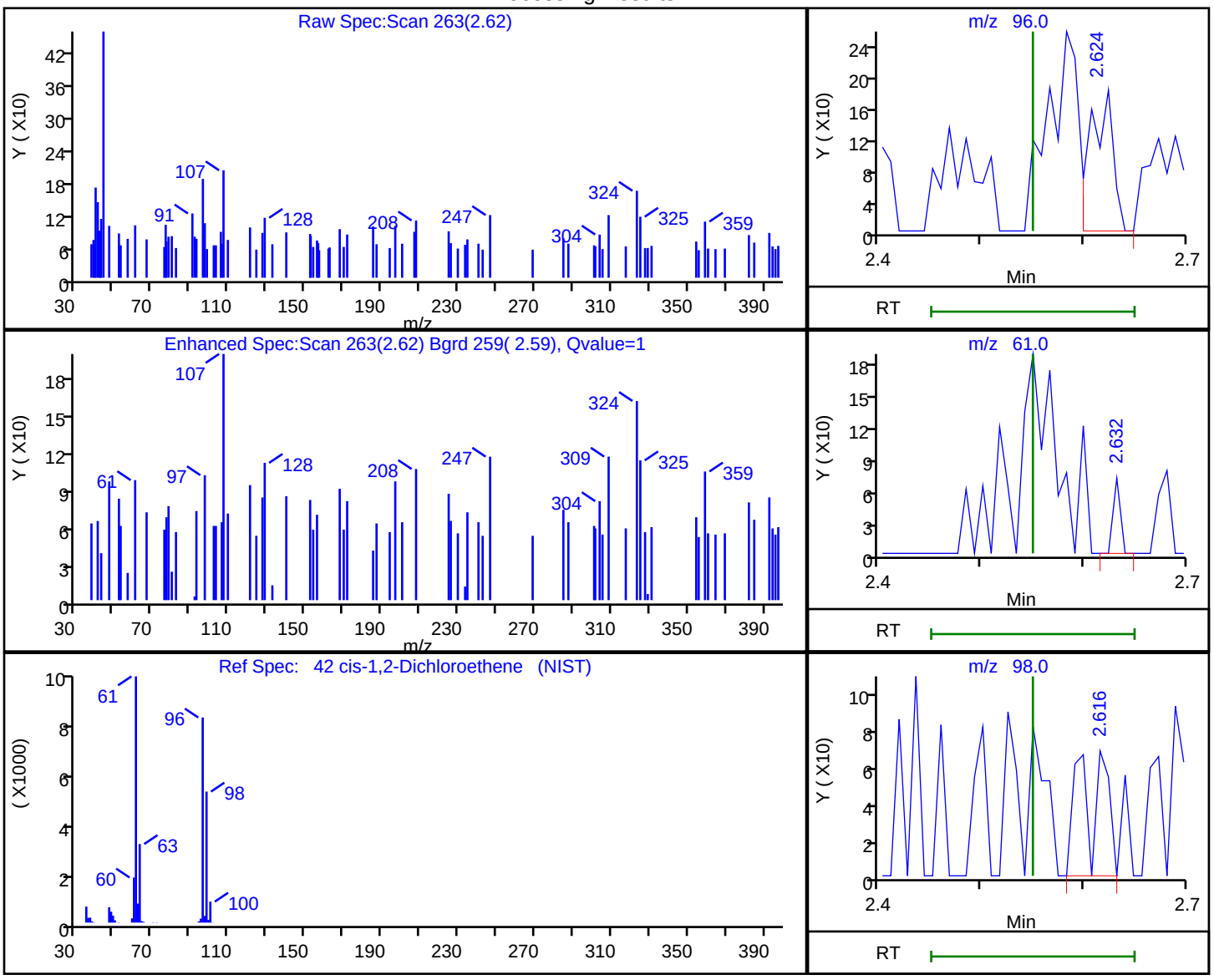
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
2.62	96.00	282	0.071745
2.63	61.00	34	
2.62	98.00	121	

Reviewer: tupayachia, 13-Aug-2020 09:45:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

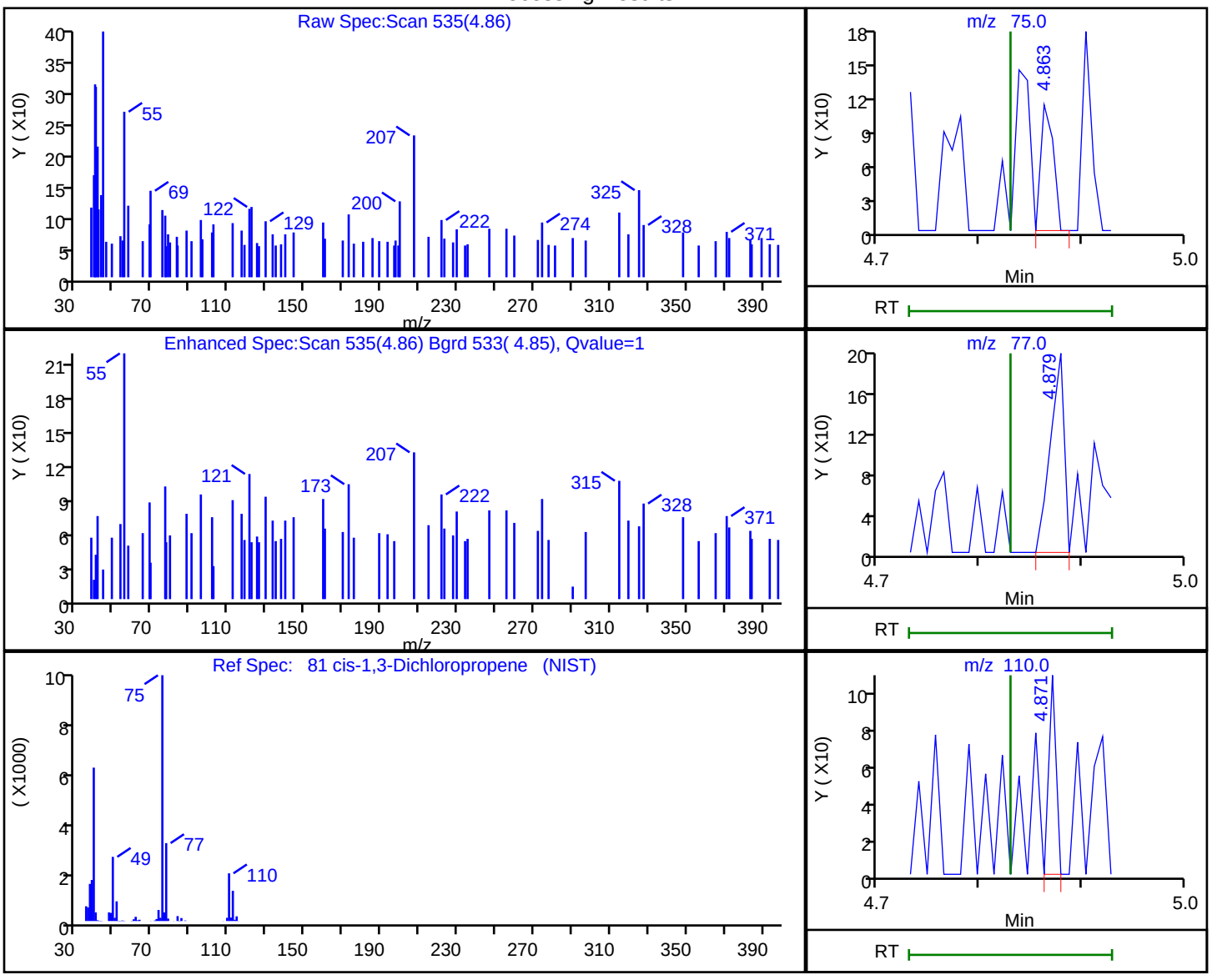
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
4.86	75.00	92	0.018837
4.88	77.00	182	
4.87	110.00	53	

Reviewer: delpolitov, 14-Aug-2020 11:47:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

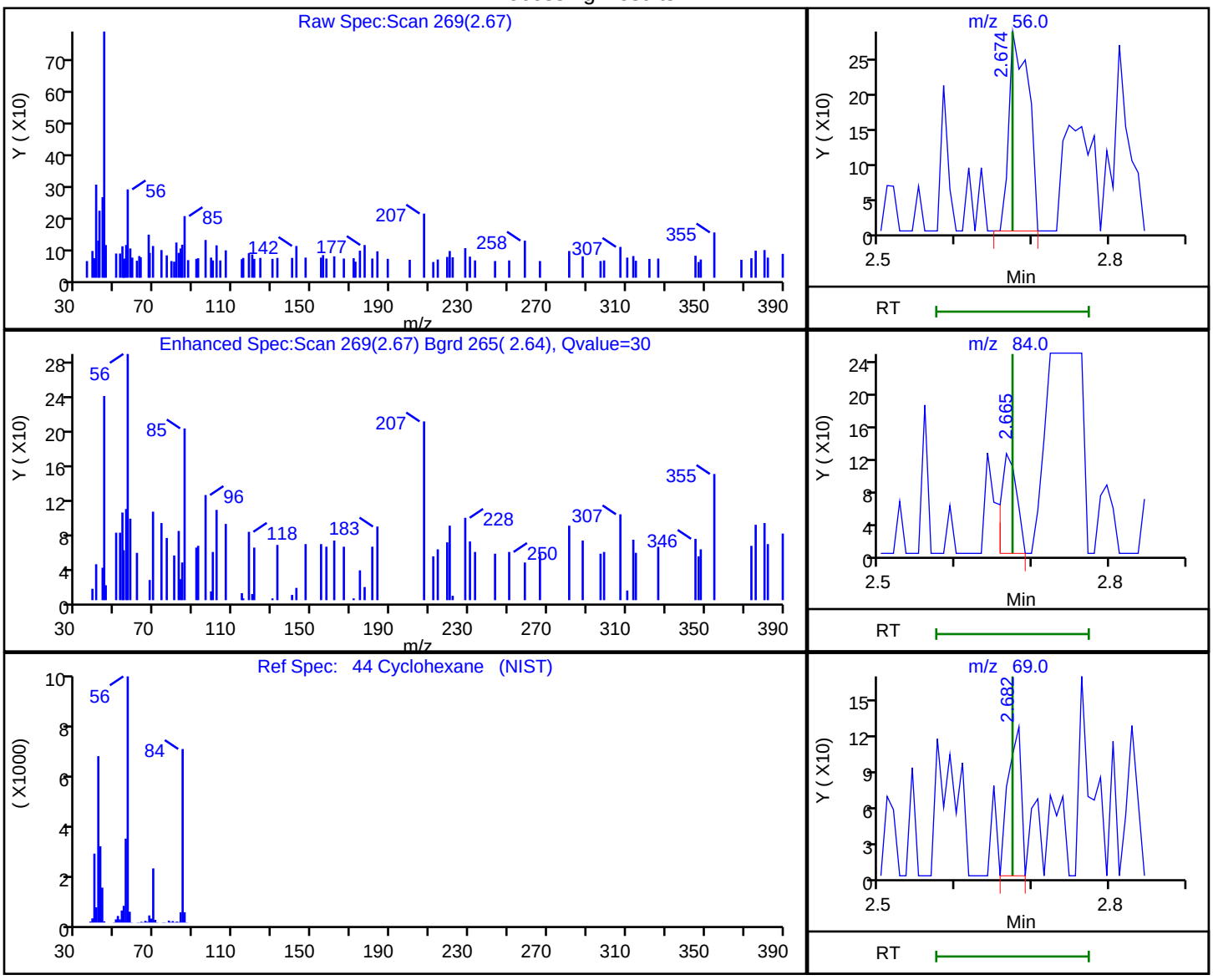
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

44 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.67	56.00	495	0.169108
2.67	84.00	168	
2.68	69.00	148	

Reviewer: tupayachia, 13-Aug-2020 09:45:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

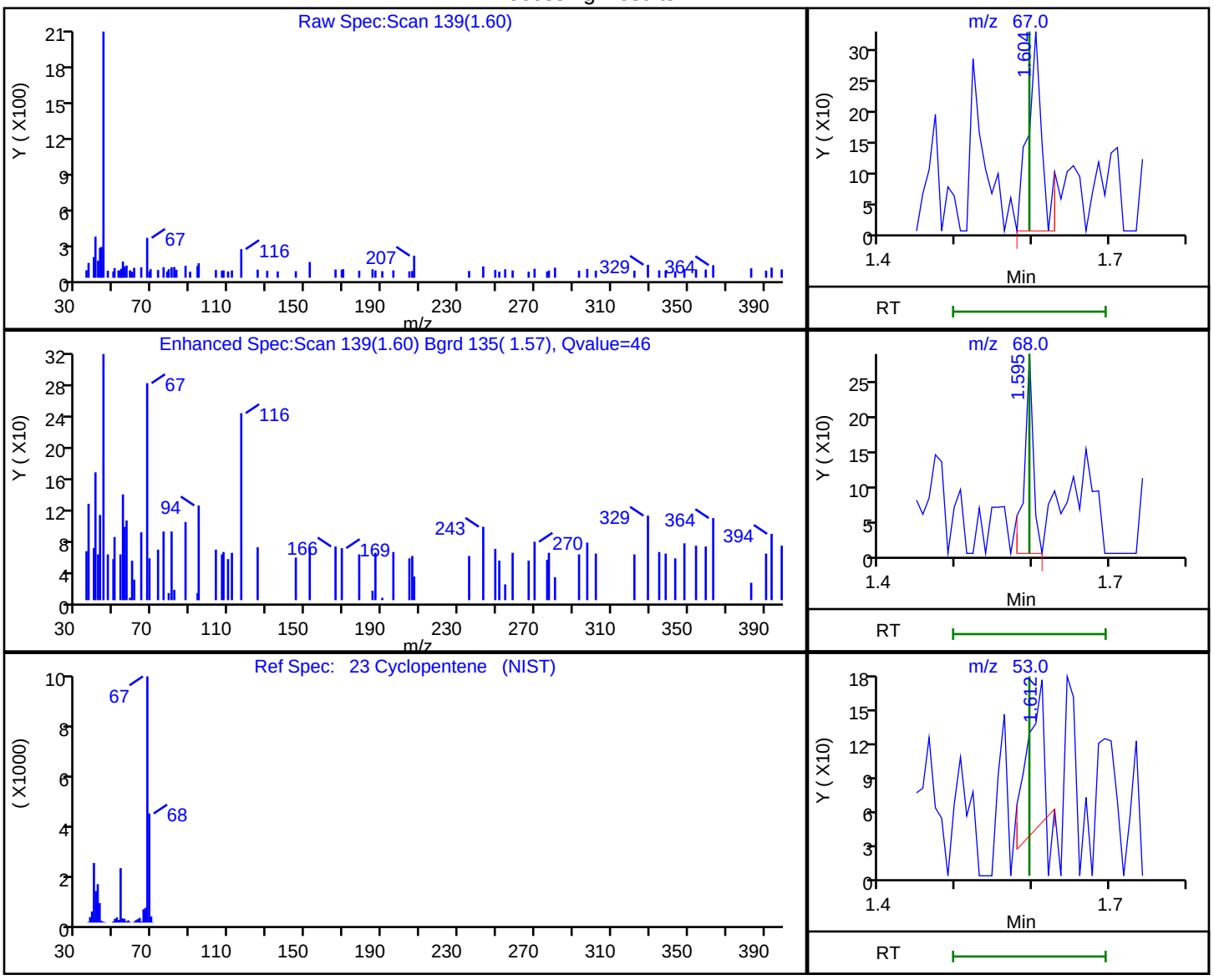
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.60	67.00	430	0.104201
1.60	68.00	226	
1.61	53.00	174	

Reviewer: tupayachia, 13-Aug-2020 09:44:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

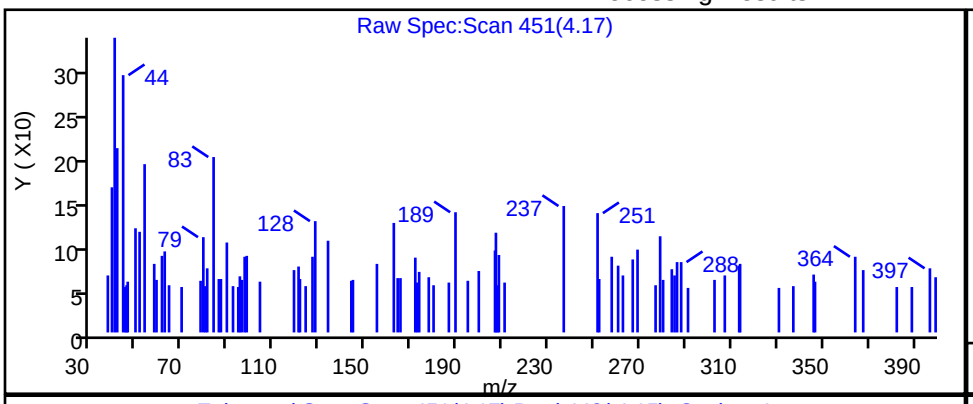
User Disabled Compound Report

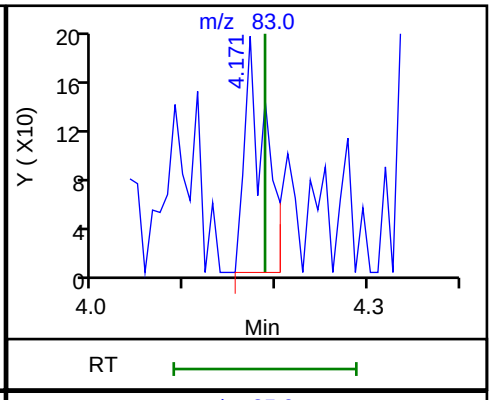
Eurofins TestAmerica, Edison

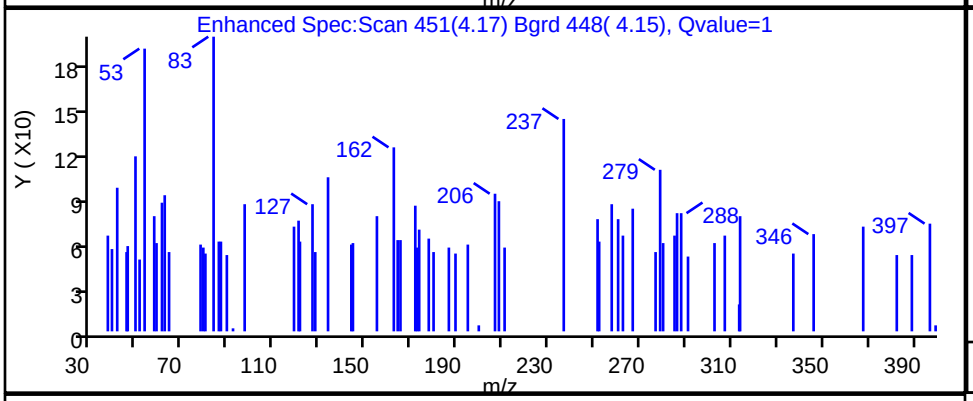
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

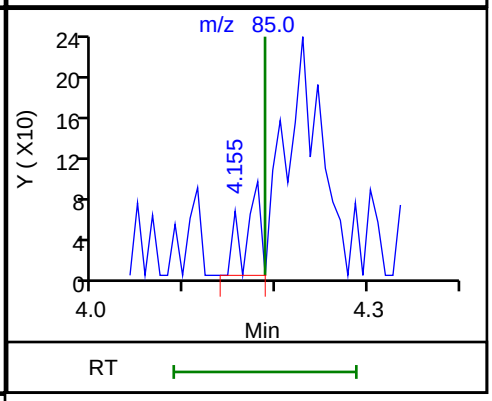
74 Dichlorobromomethane, CAS: 75-27-4

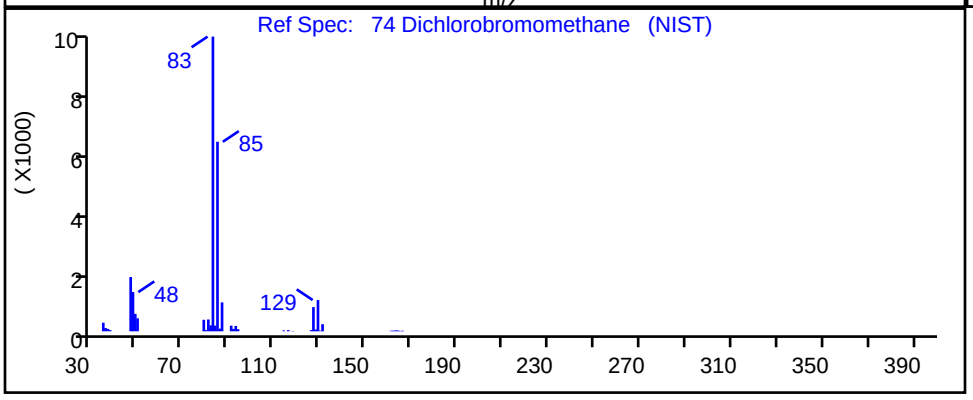
Processing Results











RT	Mass	Response	Amount
4.17	83.00	306	0.070993
4.15	85.00	106	

Reviewer: delpolitov, 14-Aug-2020 11:47:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

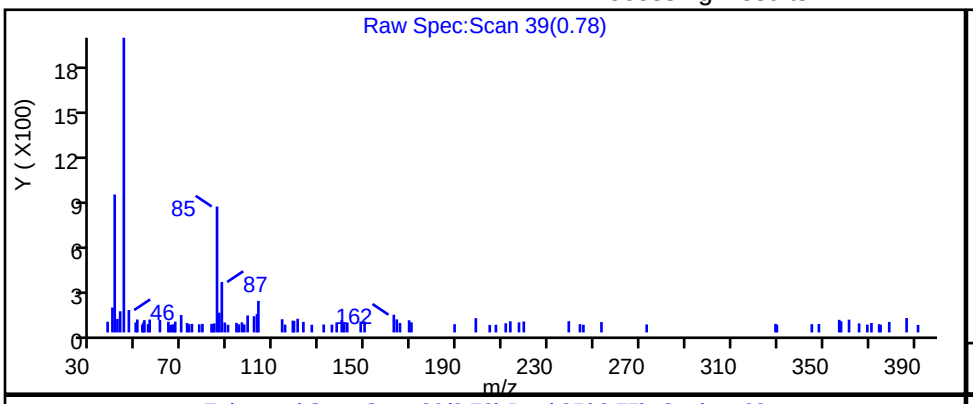
User Disabled Compound Report

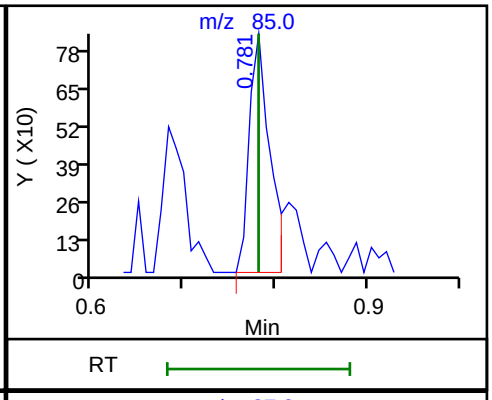
Eurofins TestAmerica, Edison

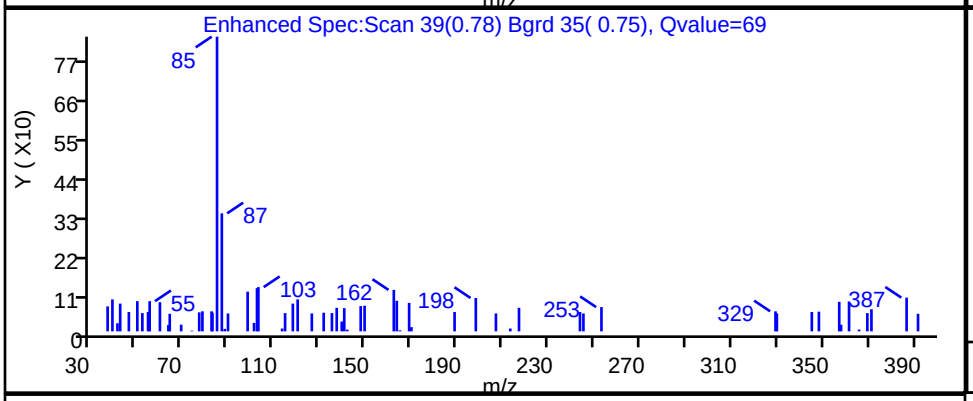
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

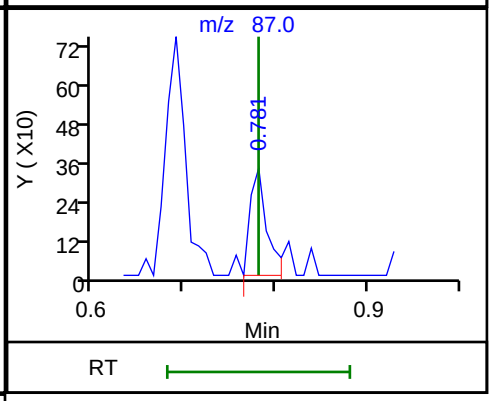
3 Dichlorodifluoromethane, CAS: 75-71-8

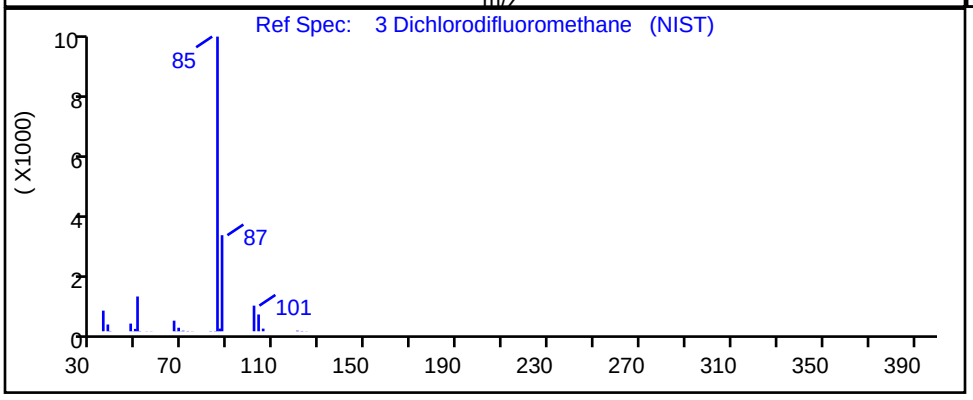
Processing Results











RT	Mass	Response	Amount
0.78	85.00	1308	0.318518
0.78	87.00	427	

Reviewer: tupayachia, 13-Aug-2020 09:44:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

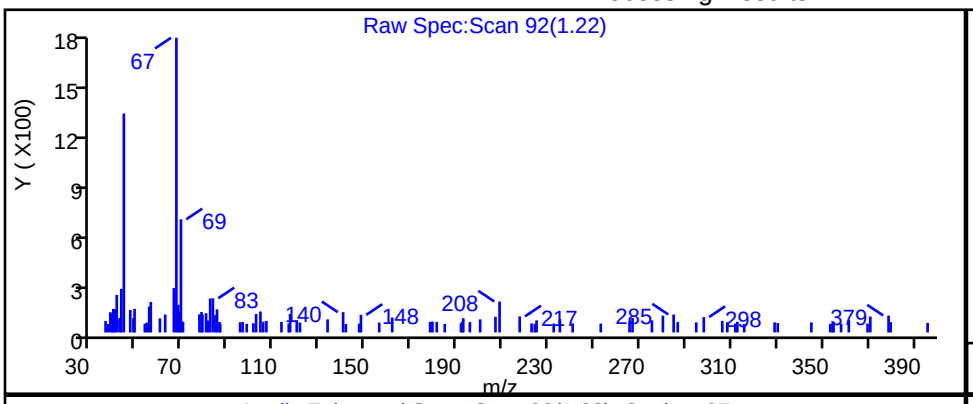
User Disabled Compound Report

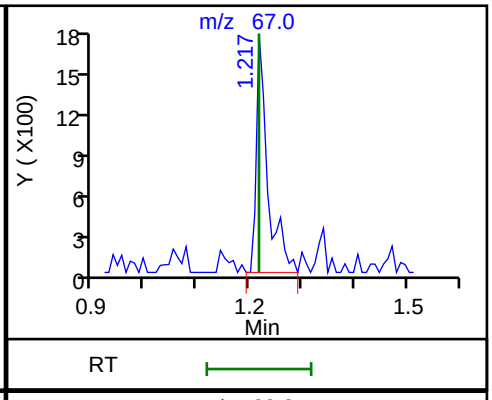
Eurofins TestAmerica, Edison

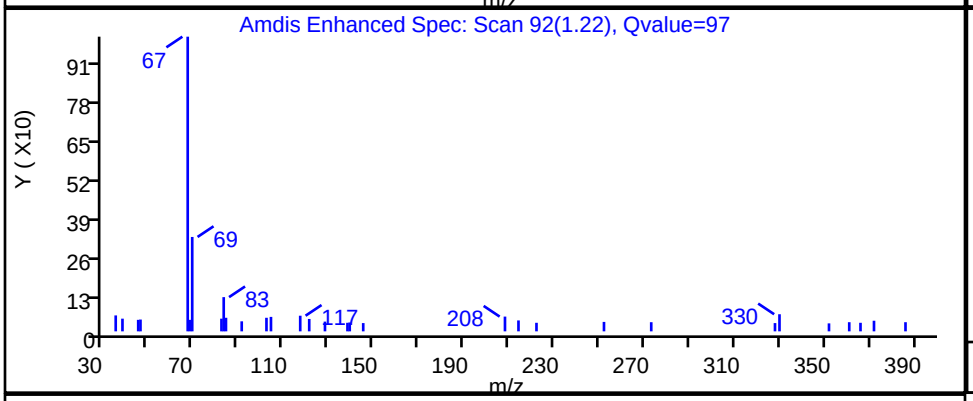
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

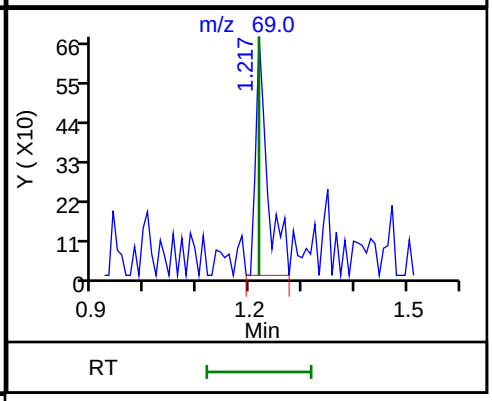
13 Dichlorofluoromethane, CAS: 75-43-4

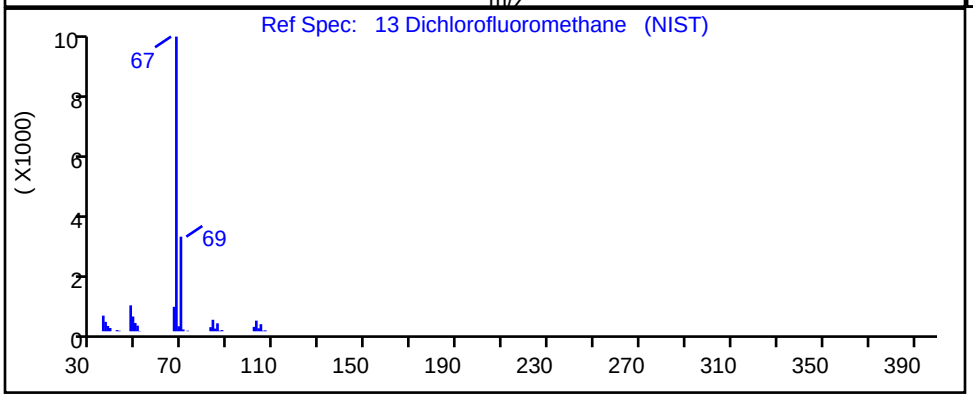
Processing Results











RT	Mass	Response	Amount
1.22	67.00	2647	0.435562
1.22	69.00	1066	

Reviewer: tupayachia, 13-Aug-2020 09:44:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

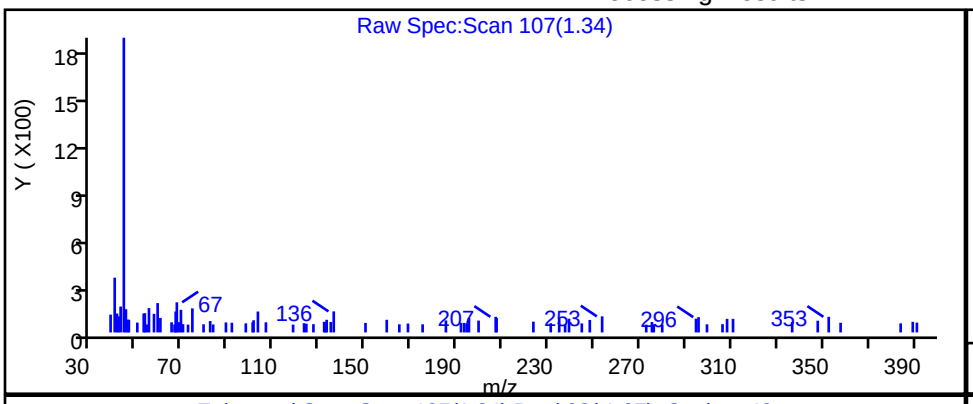
User Disabled Compound Report

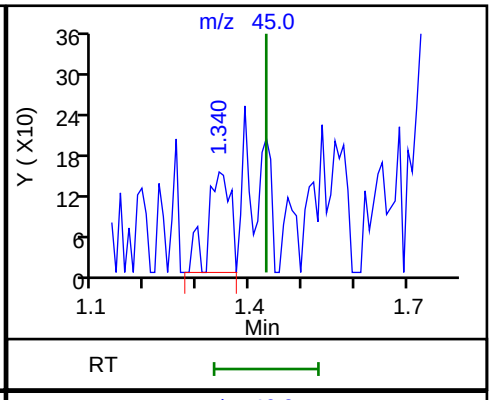
Eurofins TestAmerica, Edison

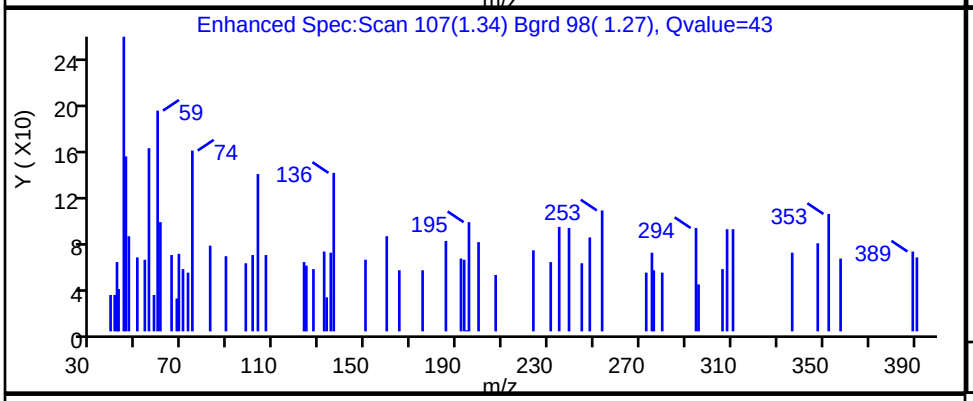
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

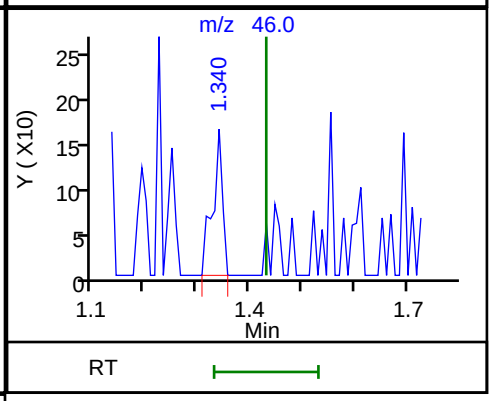
16 Ethanol, CAS: 64-17-5

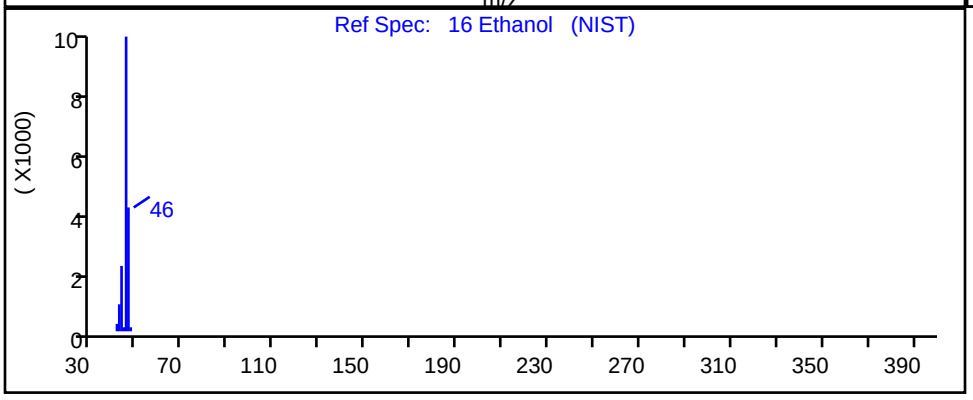
Processing Results











RT	Mass	Response	Amount
1.34	45.00	442	11.848474
1.34	46.00	214	

Reviewer: tupayachia, 13-Aug-2020 09:44:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

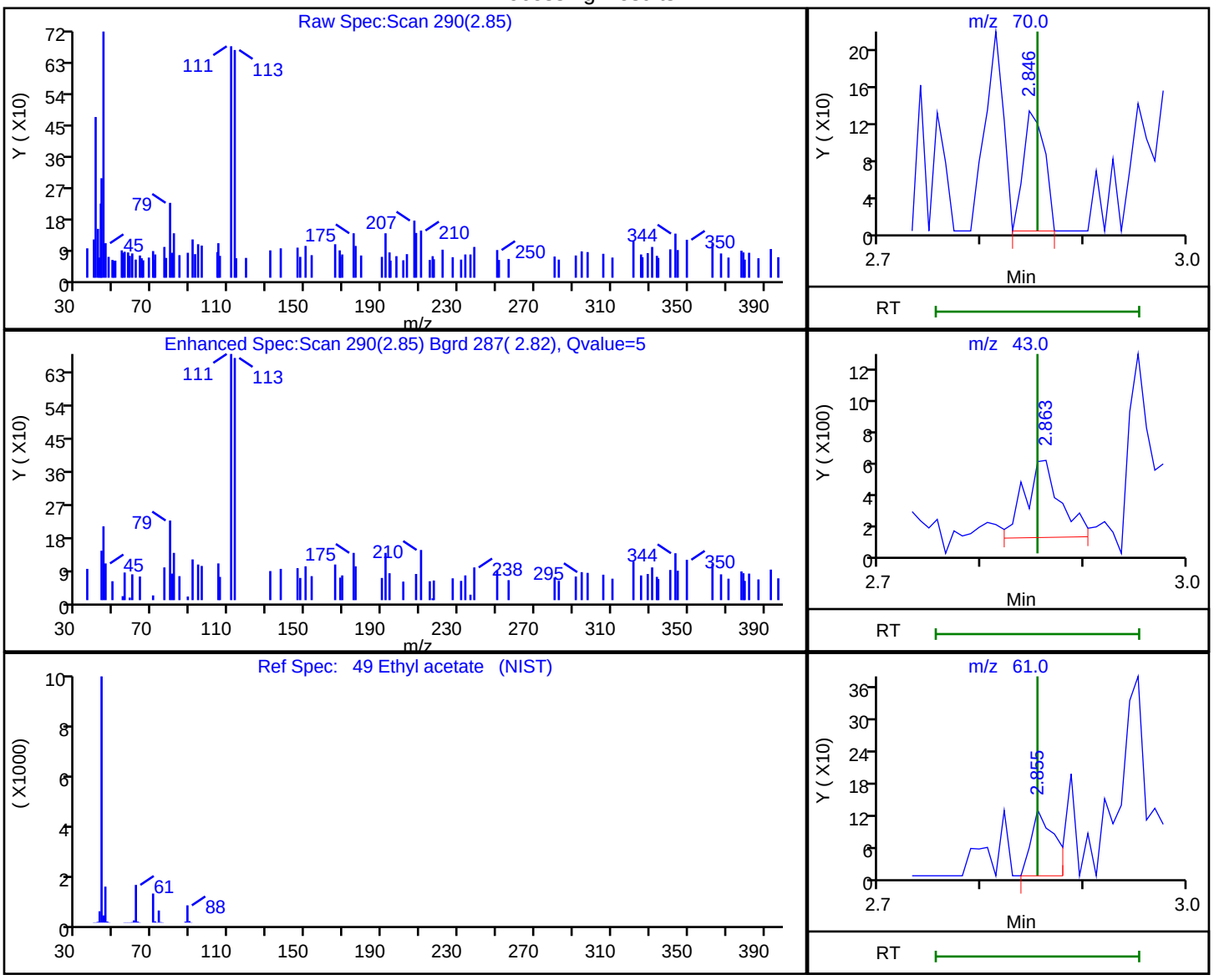
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

49 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.85	70.00	188	0.931213
2.86	43.00	1224	
2.85	61.00	196	

Reviewer: tupayachia, 13-Aug-2020 09:45:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

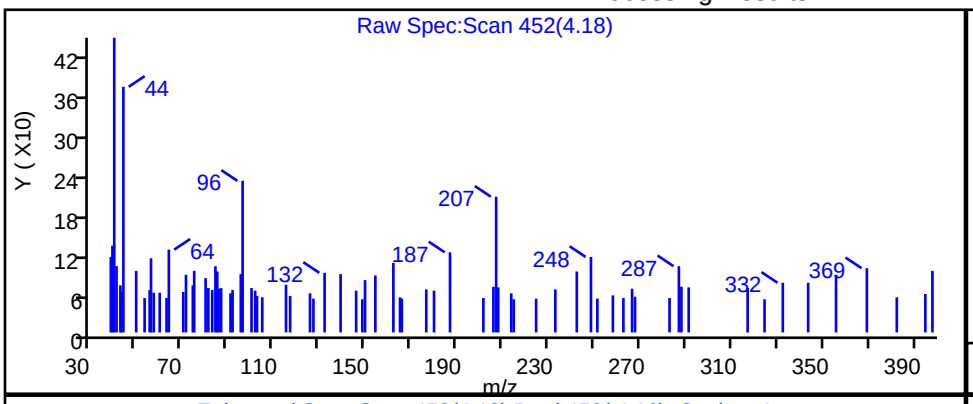
User Disabled Compound Report

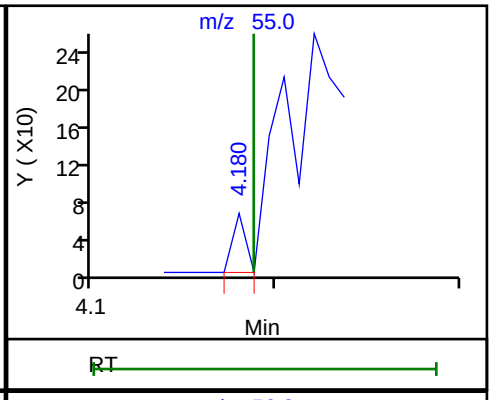
Eurofins TestAmerica, Edison

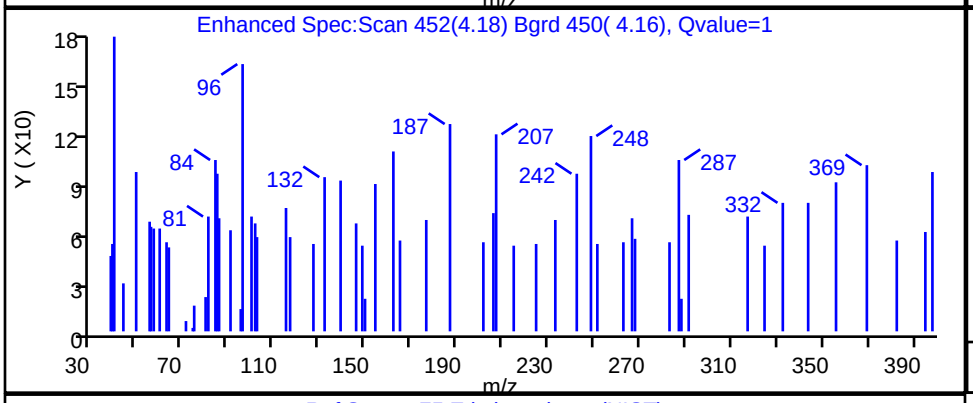
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

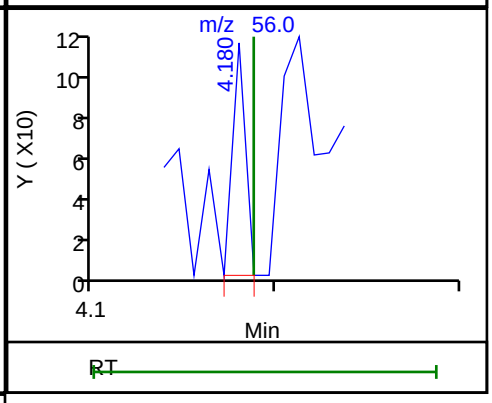
75 Ethyl acrylate, CAS: 140-88-5

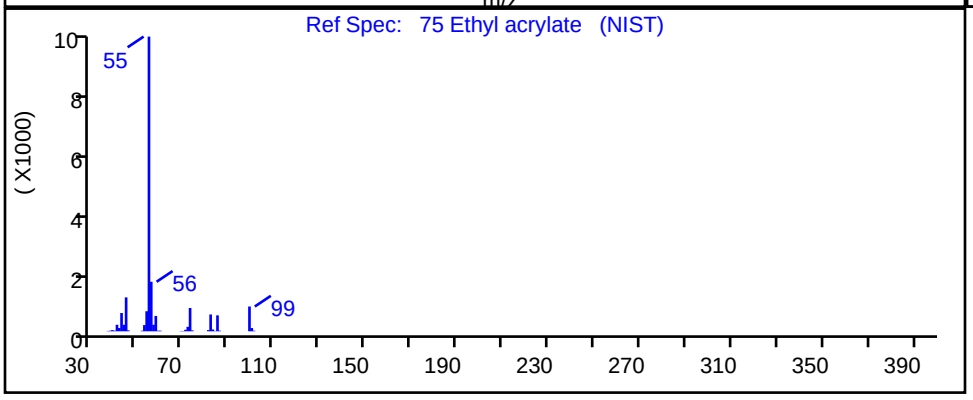
Processing Results











RT	Mass	Response	Amount
4.18	55.00	32	0.009120
4.18	56.00	55	

Reviewer: delpolitov, 14-Aug-2020 11:47:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

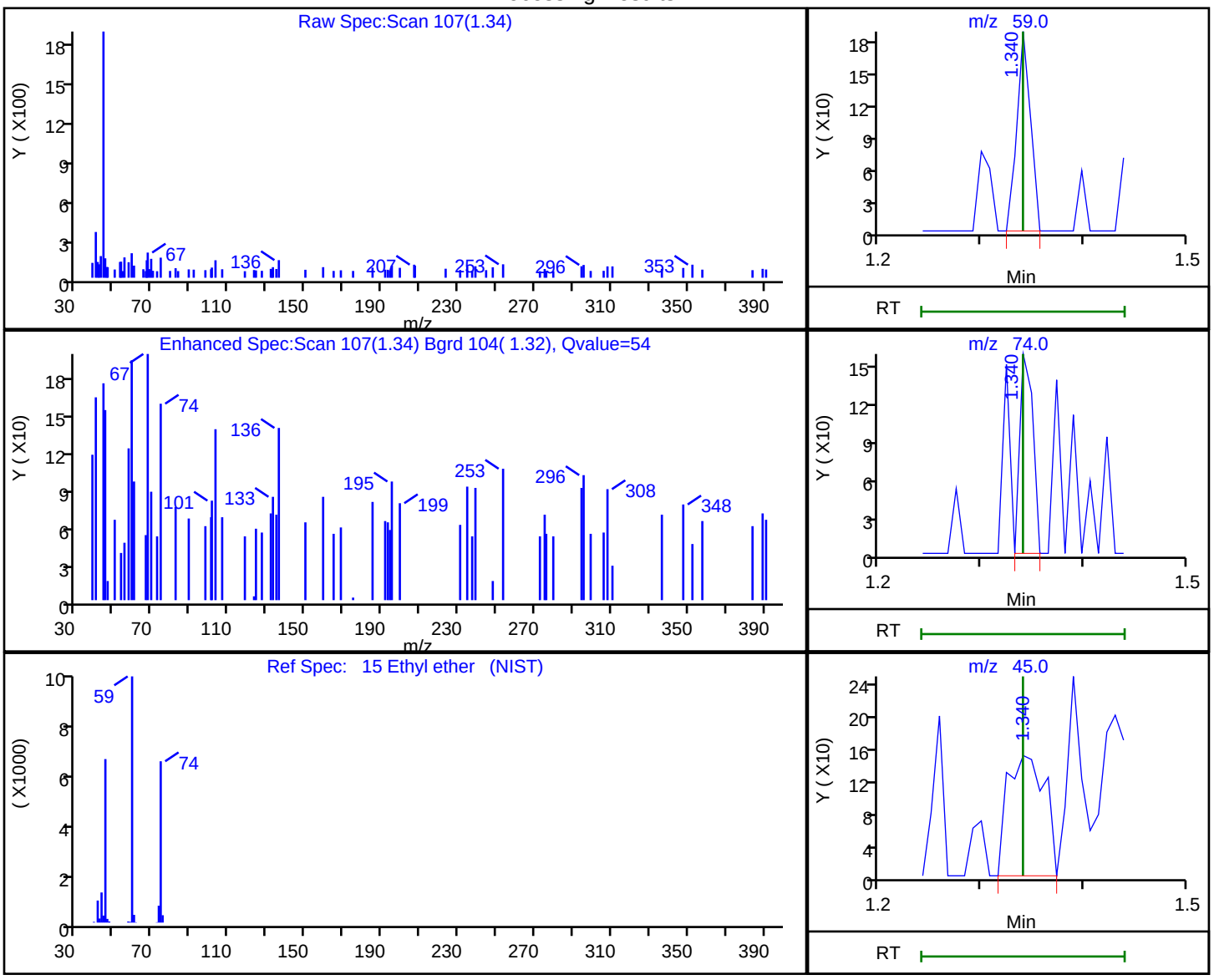
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.34	59.00	175	0.058092
1.34	74.00	137	
1.34	45.00	379	

Reviewer: tupayachia, 13-Aug-2020 09:44:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

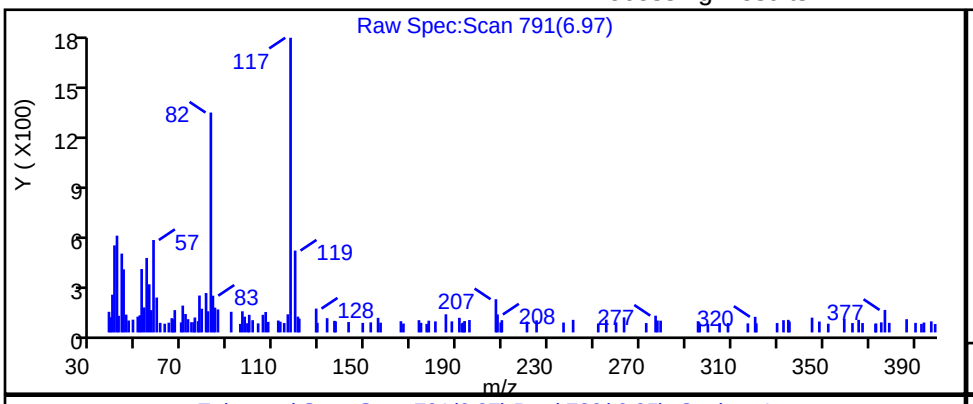
User Disabled Compound Report

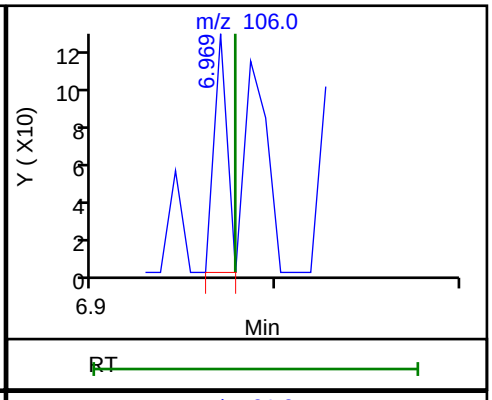
Eurofins TestAmerica, Edison

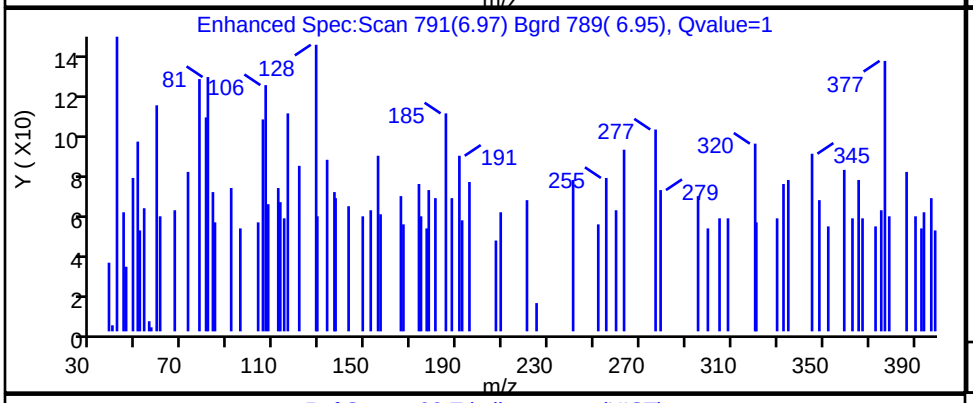
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

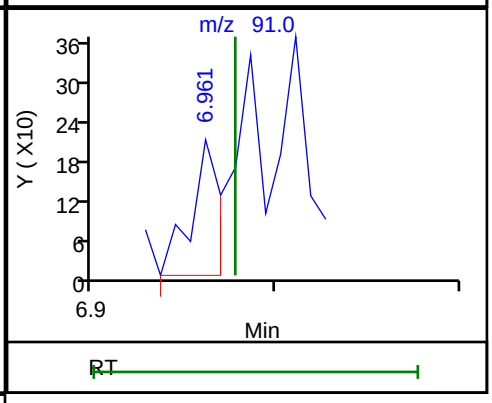
98 Ethylbenzene, CAS: 100-41-4

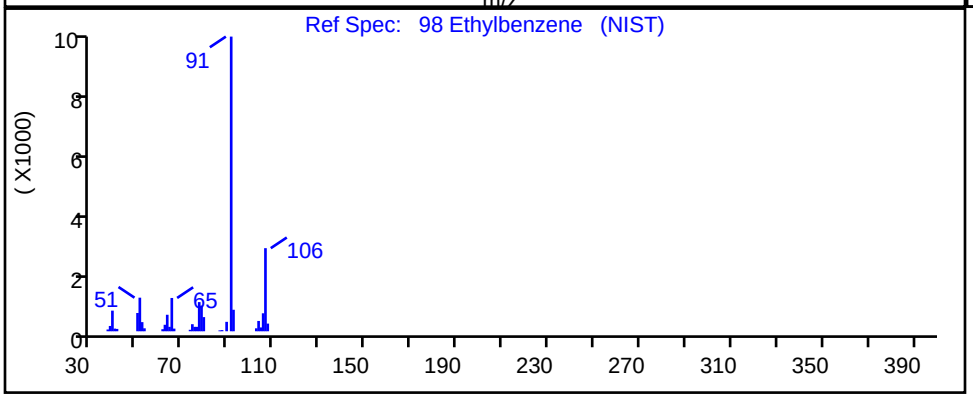
Processing Results











RT	Mass	Response	Amount
6.97	106.00	60	0.016255
6.96	91.00	228	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

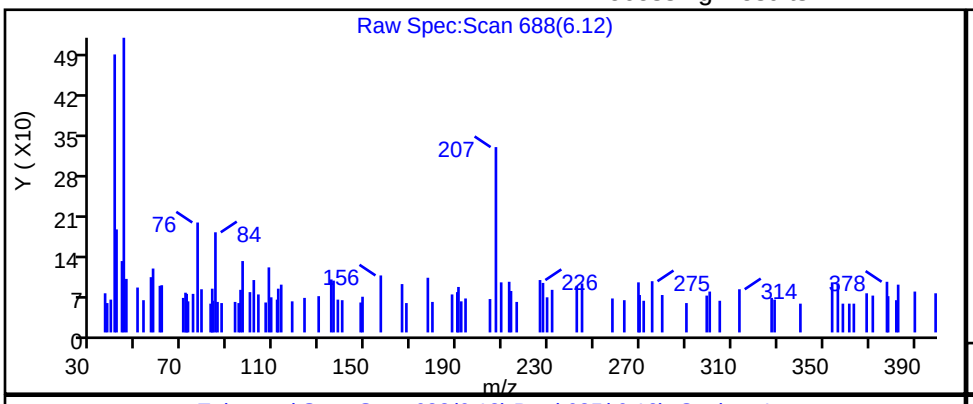
User Disabled Compound Report

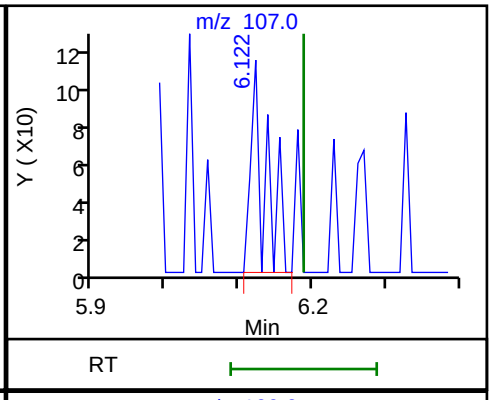
Eurofins TestAmerica, Edison

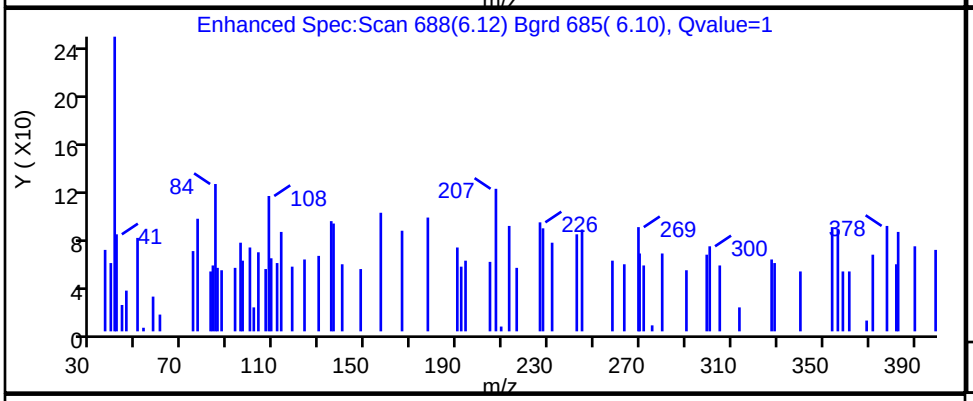
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

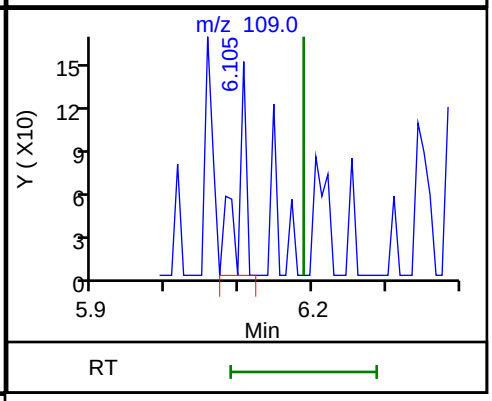
93 Ethylene Dibromide, CAS: 106-93-4

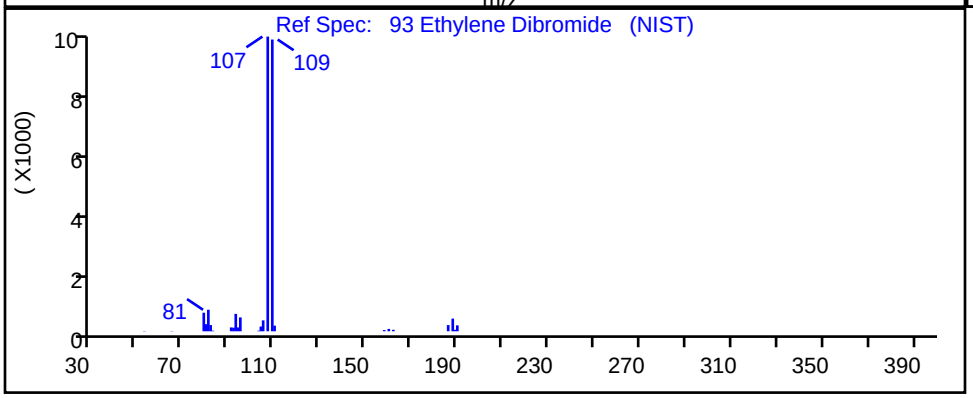
Processing Results











RT	Mass	Response	Amount
6.12	107.00	158	0.051967
6.11	109.00	124	

Reviewer: delpolitov, 14-Aug-2020 11:47:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

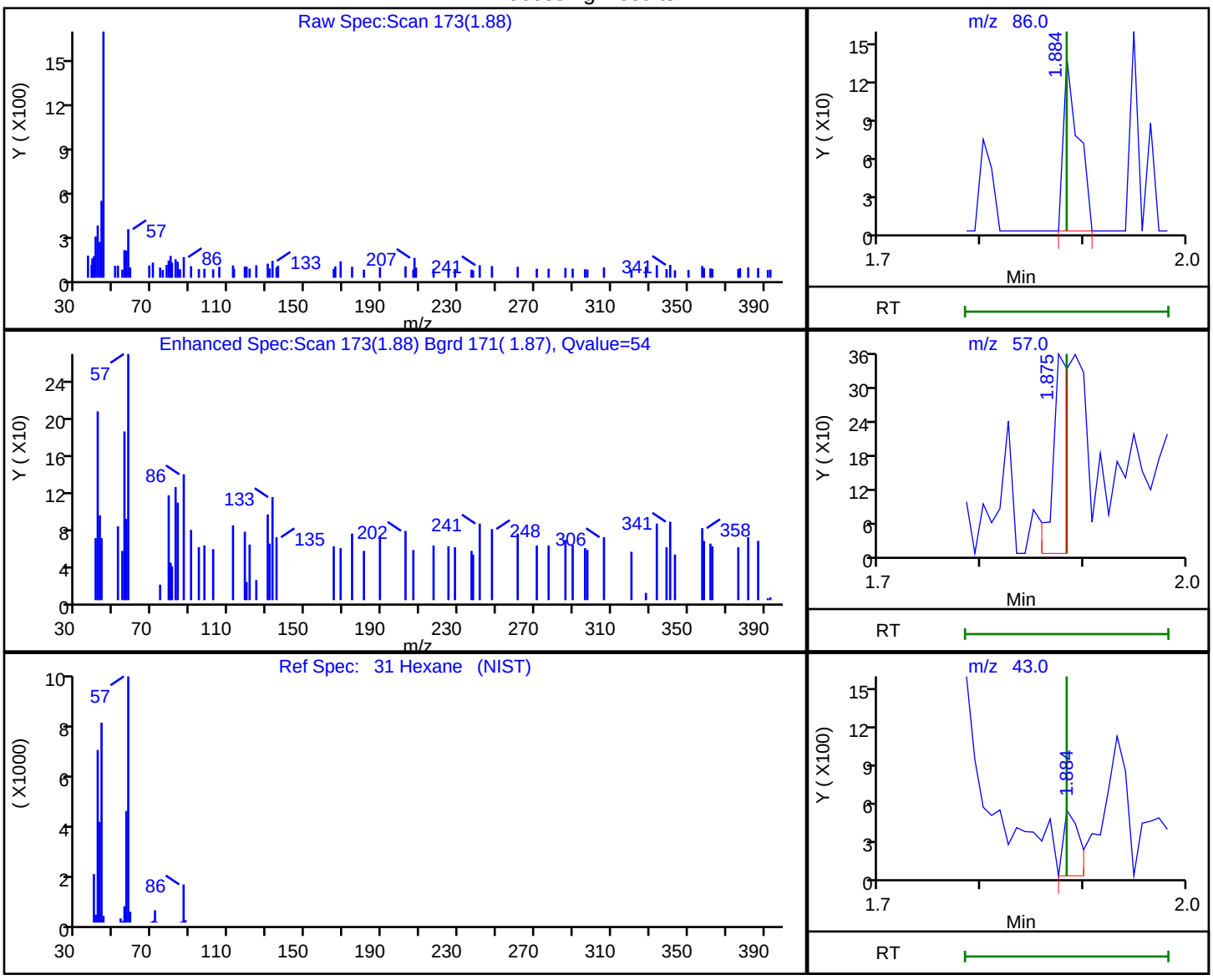
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
1.88	86.00	140	0.344331
1.88	57.00	388	
1.88	43.00	558	
1.88	56.00	460	

Reviewer: tupayachia, 13-Aug-2020 09:44:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

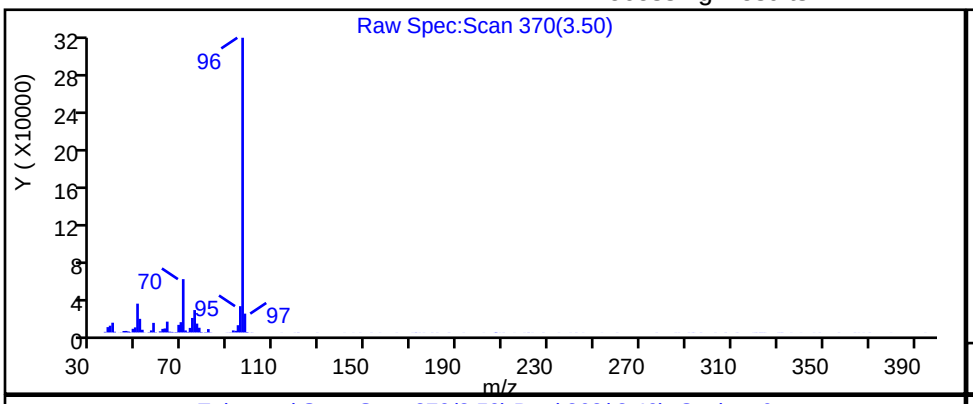
User Disabled Compound Report

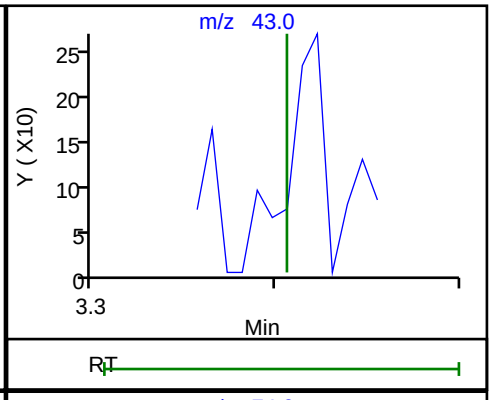
Eurofins TestAmerica, Edison

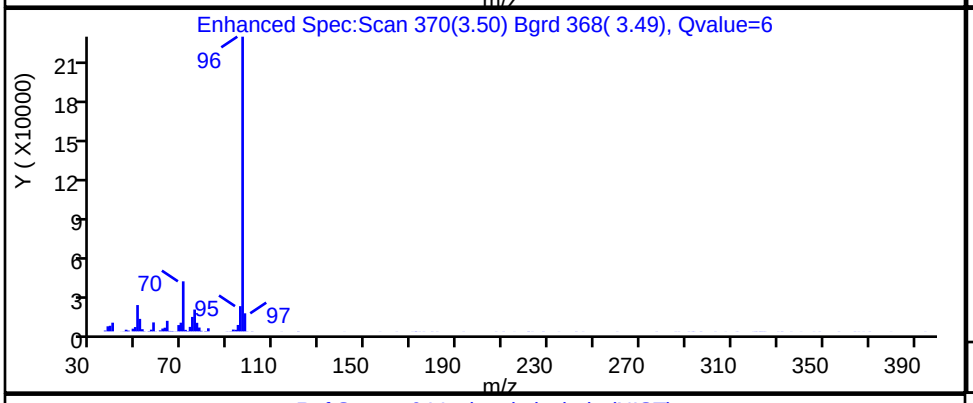
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

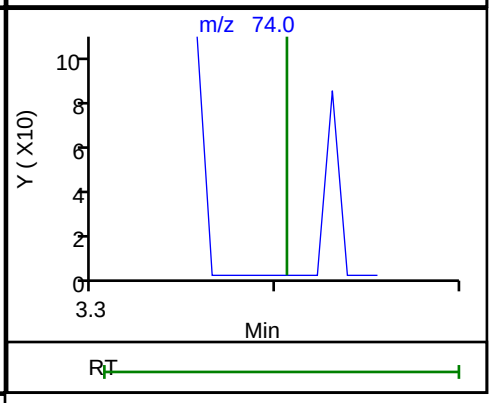
64 Isobutyl alcohol, CAS: 78-83-1

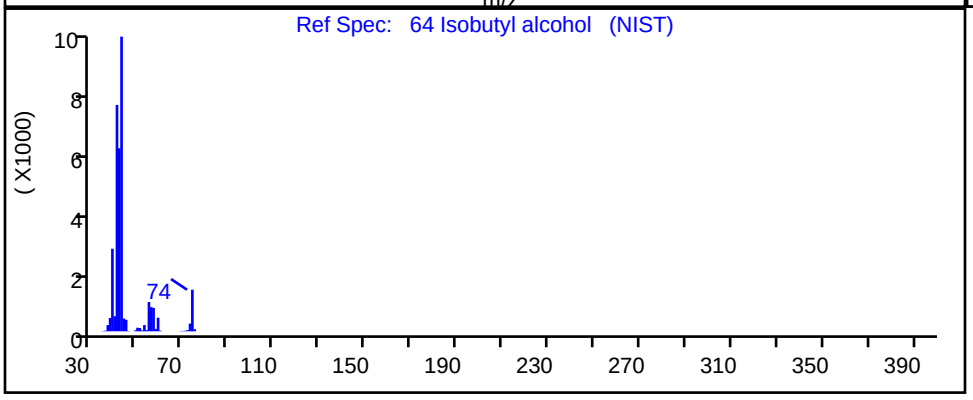
Processing Results











RT	Mass	Response	Amount
3.50	43.00	133	1.189500
3.50	74.00	25435	

Reviewer: delpolitov, 14-Aug-2020 11:47:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

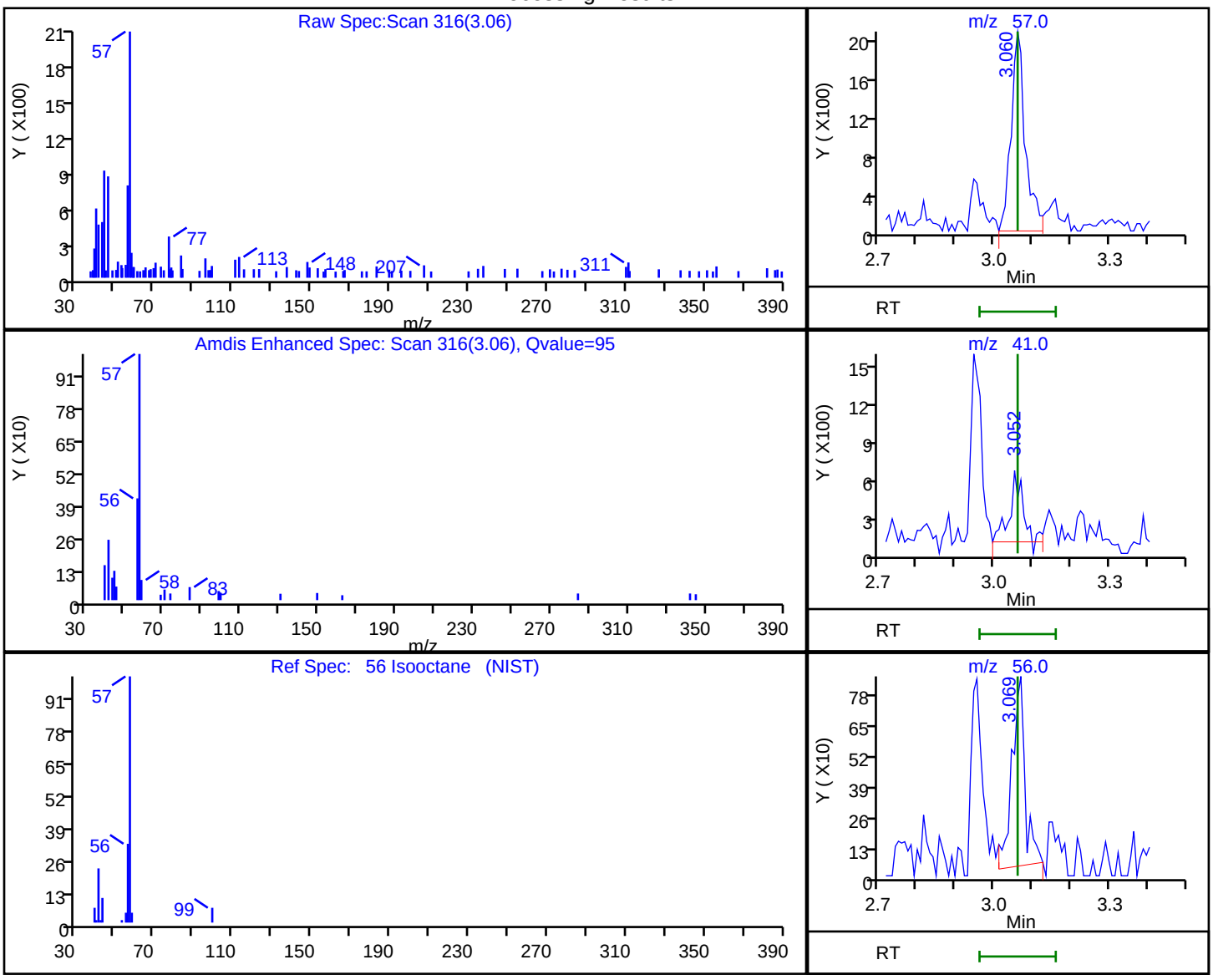
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.06	57.00	5318	1.377031
3.05	41.00	1378	
3.07	56.00	1951	

Reviewer: delpolitov, 14-Aug-2020 11:47:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

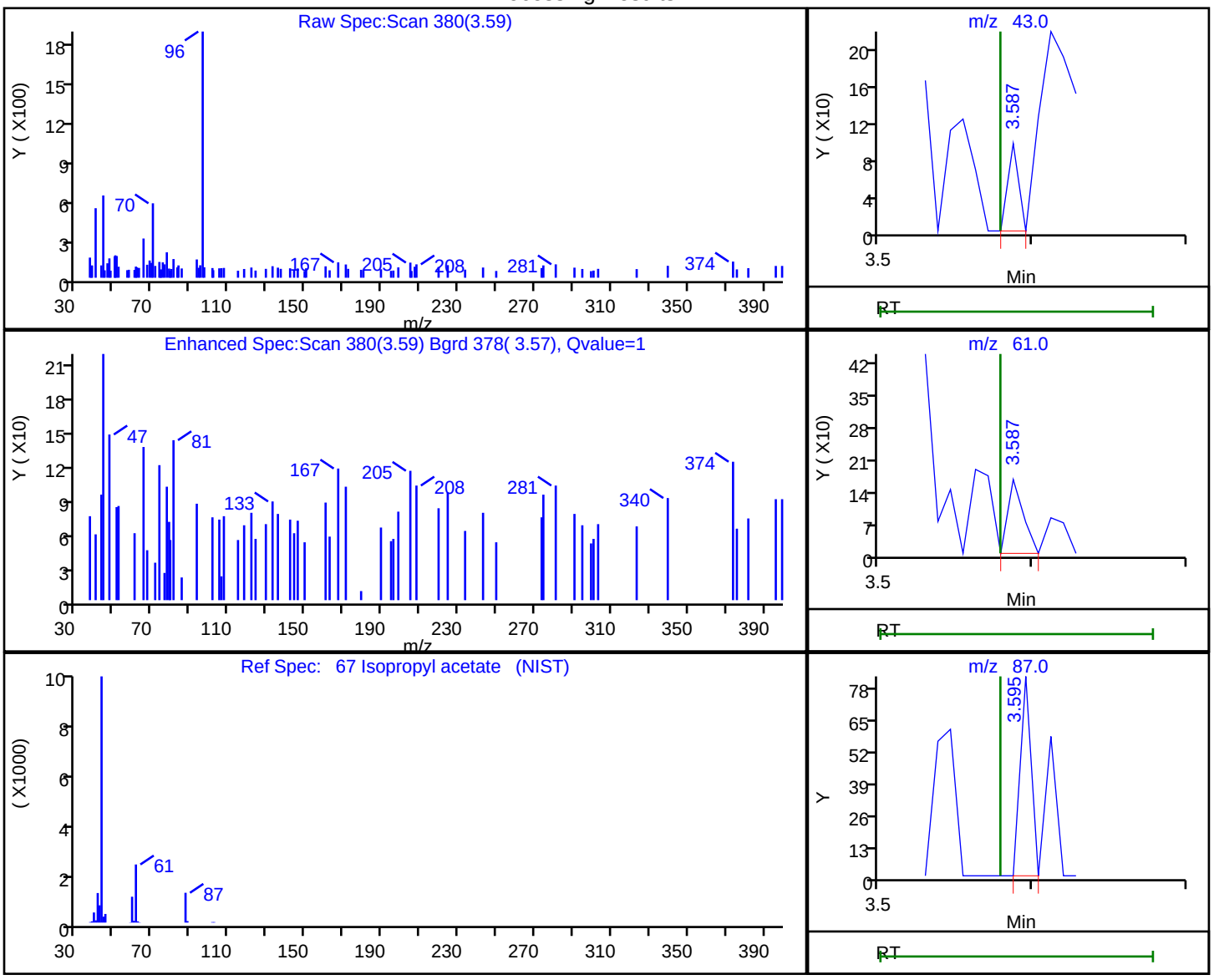
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

67 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.59	43.00	46	0.008993
3.59	61.00	114	
3.60	87.00	41	

Reviewer: delpolitov, 14-Aug-2020 11:47:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

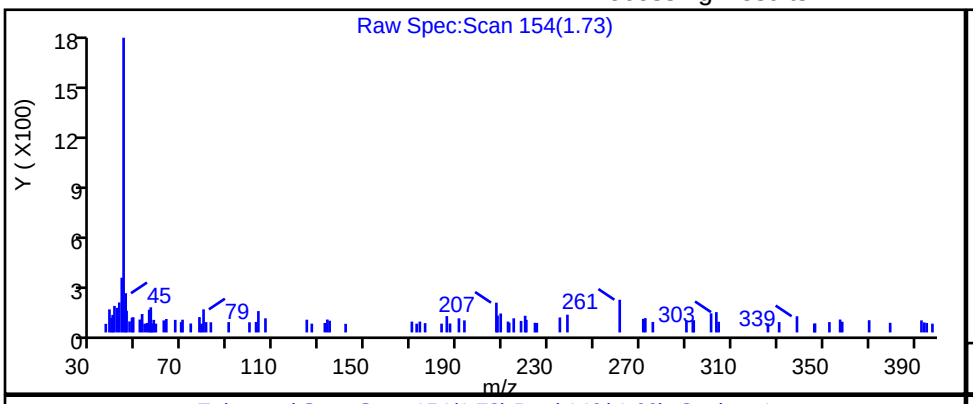
User Disabled Compound Report

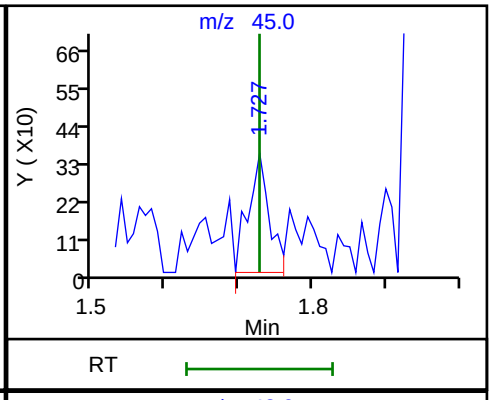
Eurofins TestAmerica, Edison

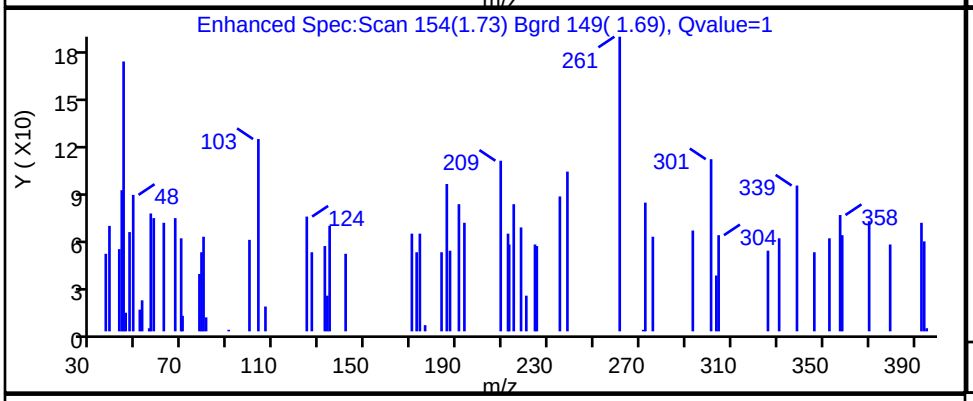
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

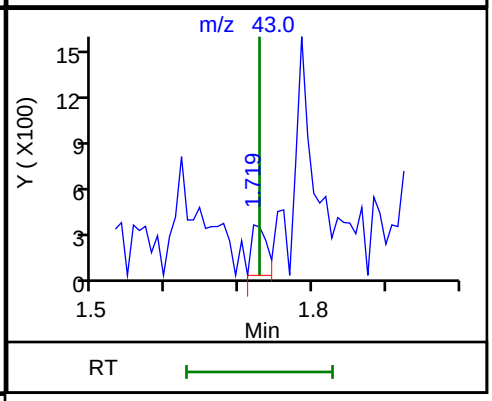
26 Isopropyl alcohol, CAS: 67-63-0

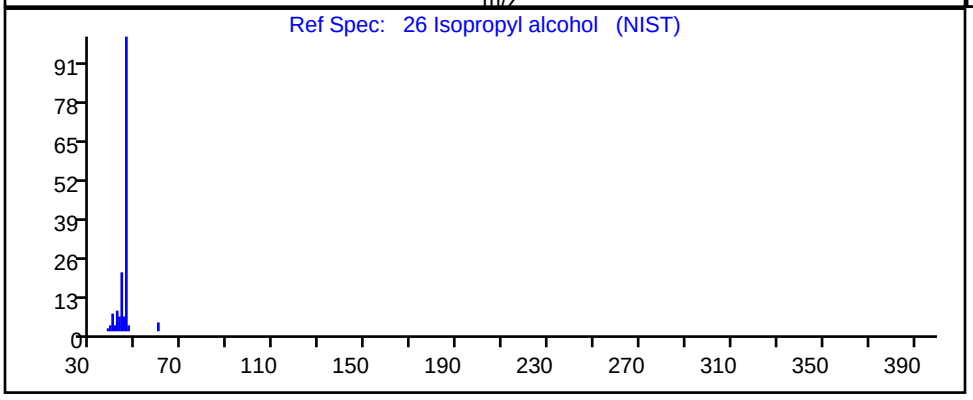
Processing Results











RT	Mass	Response	Amount
1.73	45.00	705	7.008889
1.72	43.00	485	

Reviewer: tupayachia, 13-Aug-2020 09:44:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

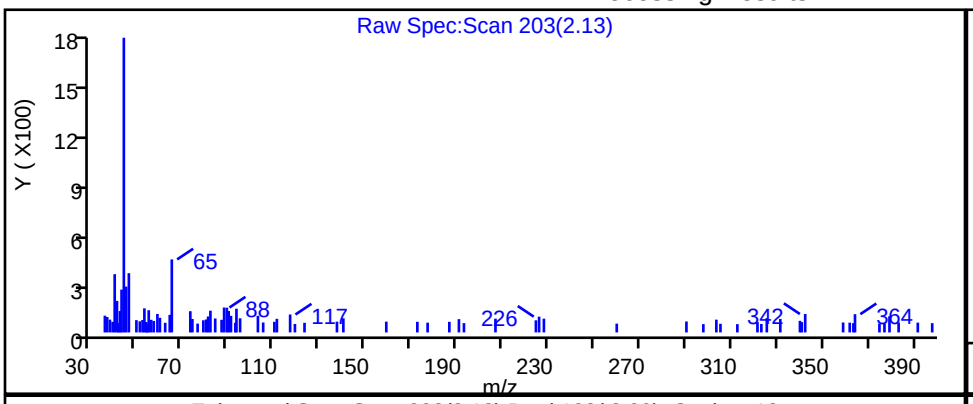
User Disabled Compound Report

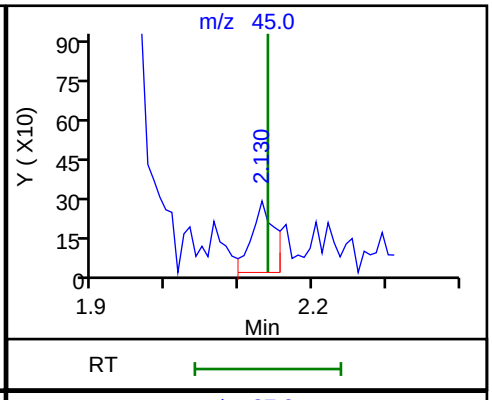
Eurofins TestAmerica, Edison

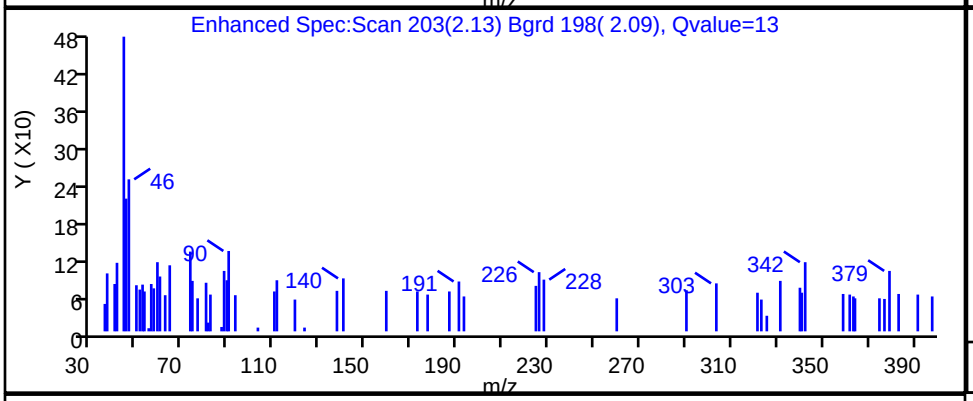
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

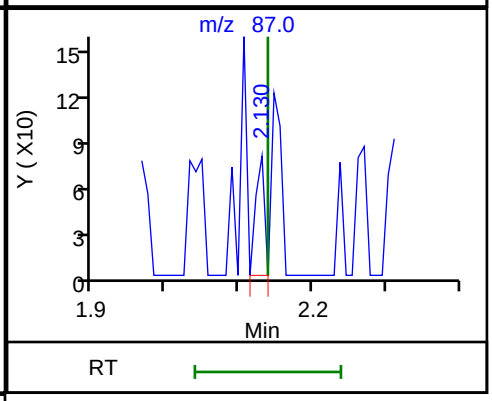
36 Isopropyl ether, CAS: 108-20-3

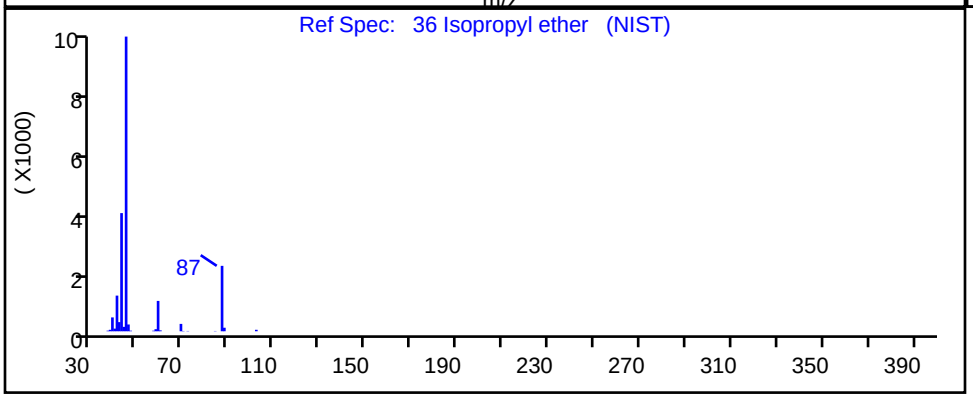
Processing Results











RT	Mass	Response	Amount
2.13	45.00	607	0.115907
2.13	87.00	63	

Reviewer: tupayachia, 13-Aug-2020 09:45:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

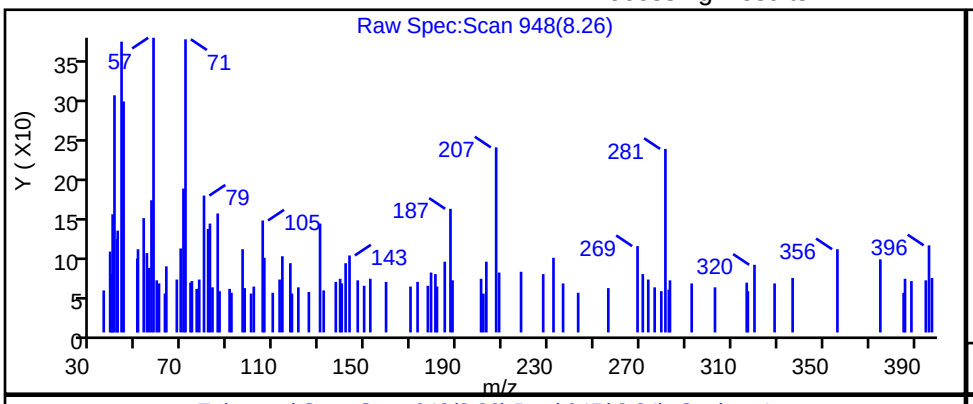
User Disabled Compound Report

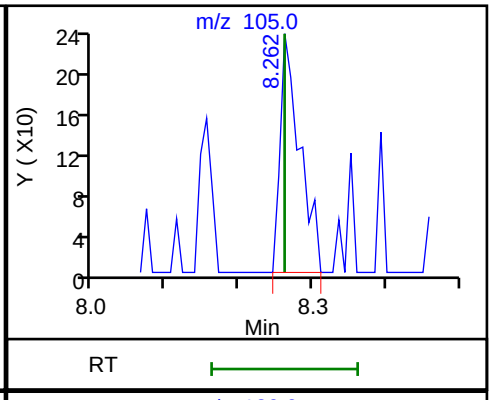
Eurofins TestAmerica, Edison

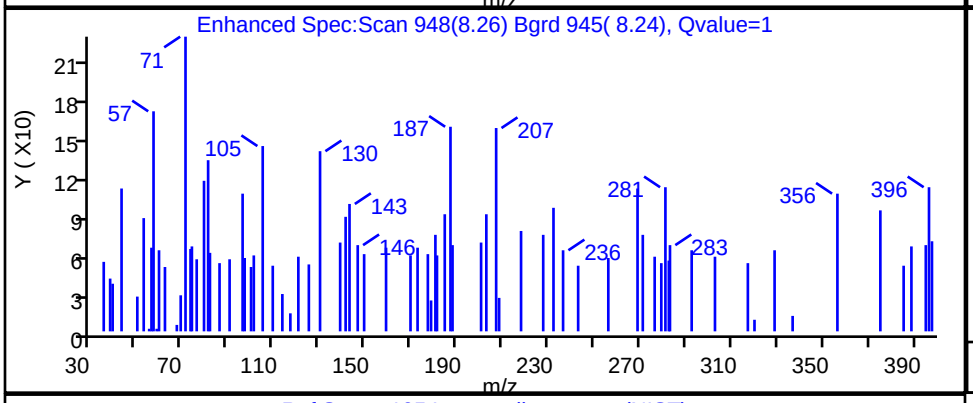
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

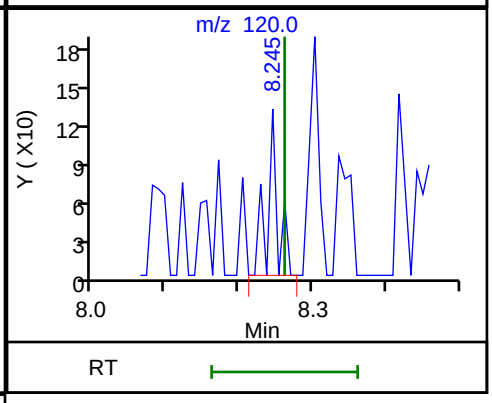
105 Isopropylbenzene, CAS: 98-82-8

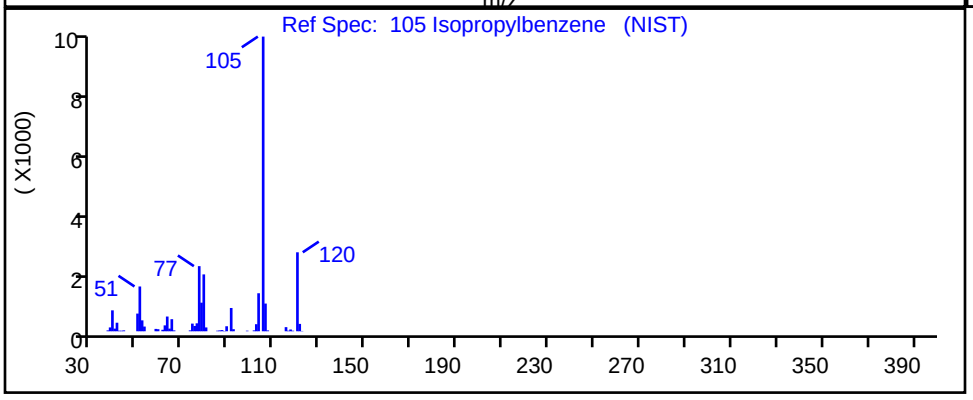
Processing Results











RT	Mass	Response	Amount
8.26	105.00	447	0.050067
8.25	120.00	129	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

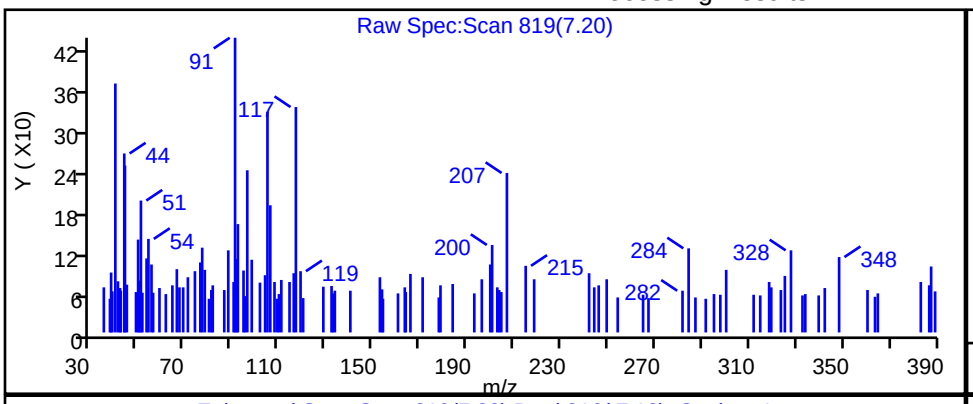
User Disabled Compound Report

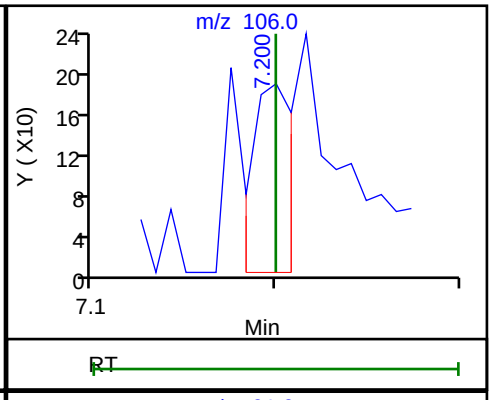
Eurofins TestAmerica, Edison

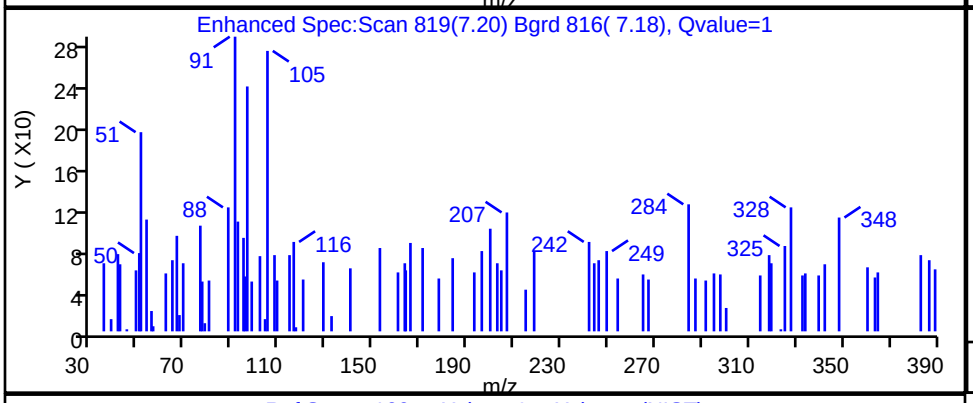
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

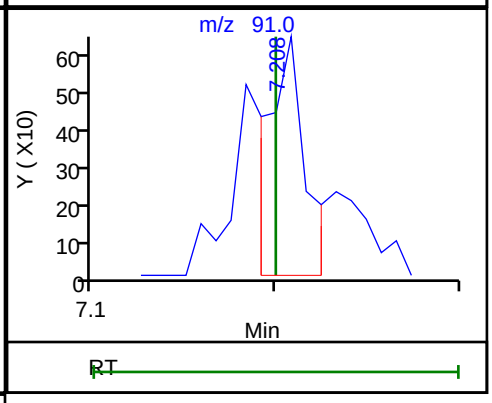
100 m-Xylene & p-Xylene, CAS: 179601-23-1

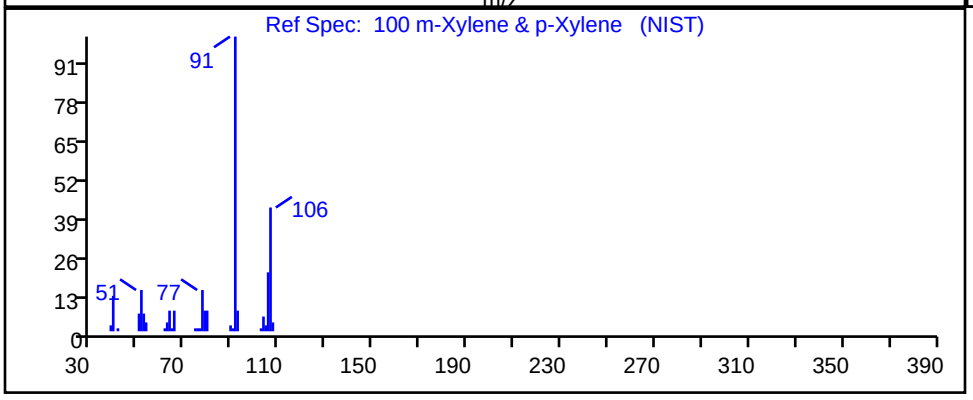
Processing Results











RT	Mass	Response	Amount
7.20	106.00	299	0.066842
7.21	91.00	949	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

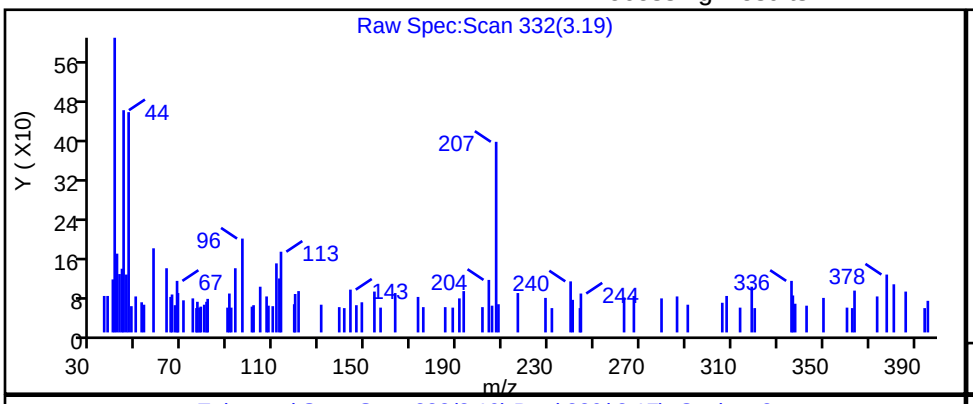
User Disabled Compound Report

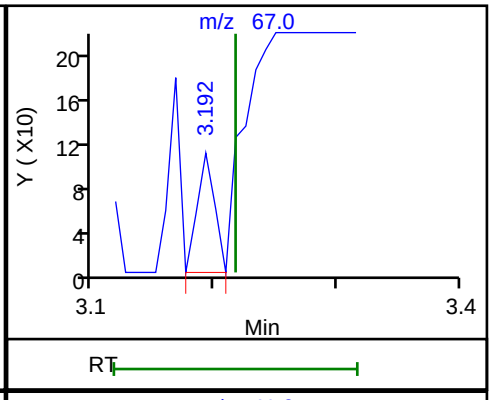
Eurofins TestAmerica, Edison

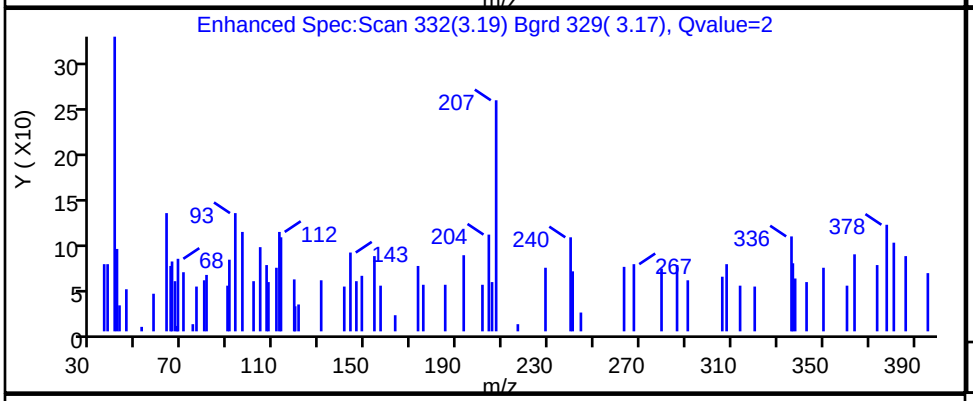
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

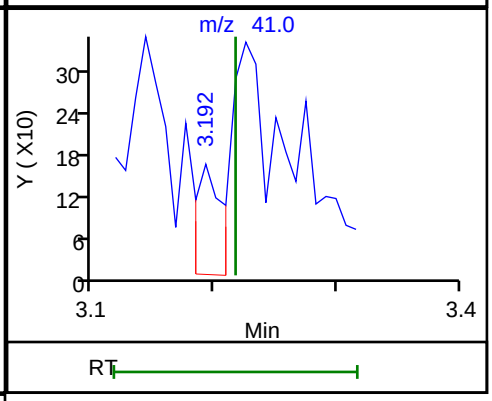
60 Methacrylonitrile, CAS: 126-98-7

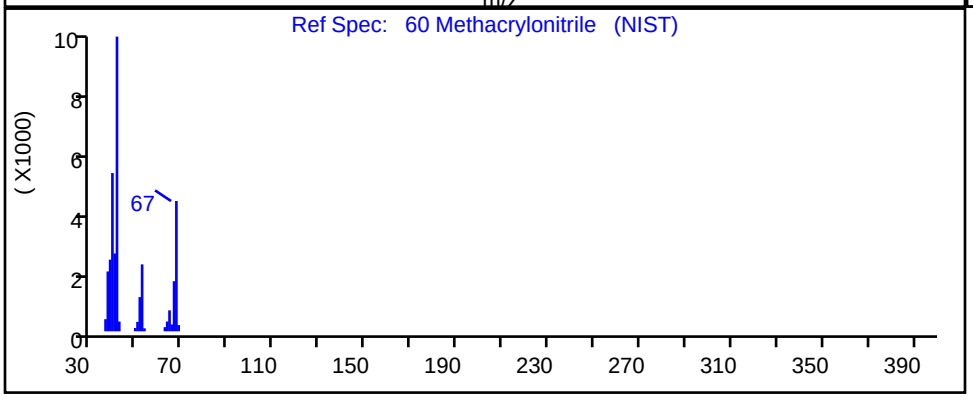
Processing Results











RT	Mass	Response	Amount
3.19	67.00	105	0.077567
3.19	41.00	238	

Reviewer: delpolitov, 14-Aug-2020 11:47:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

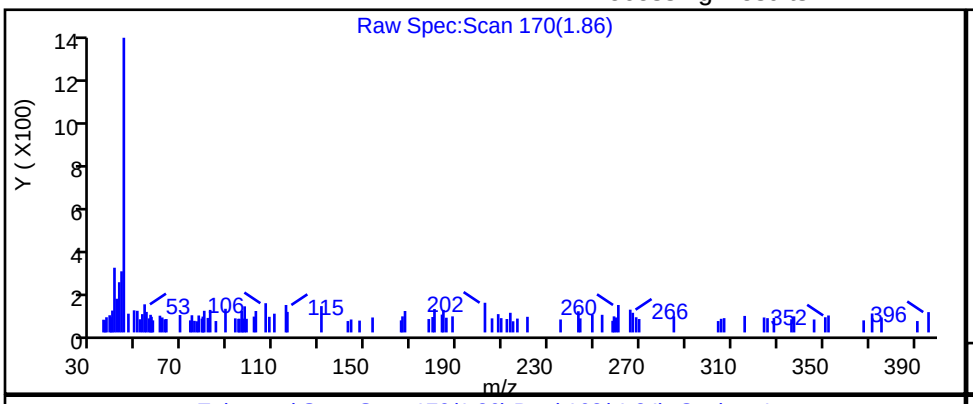
User Disabled Compound Report

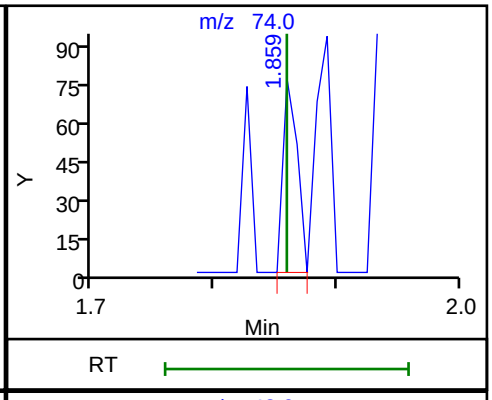
Eurofins TestAmerica, Edison

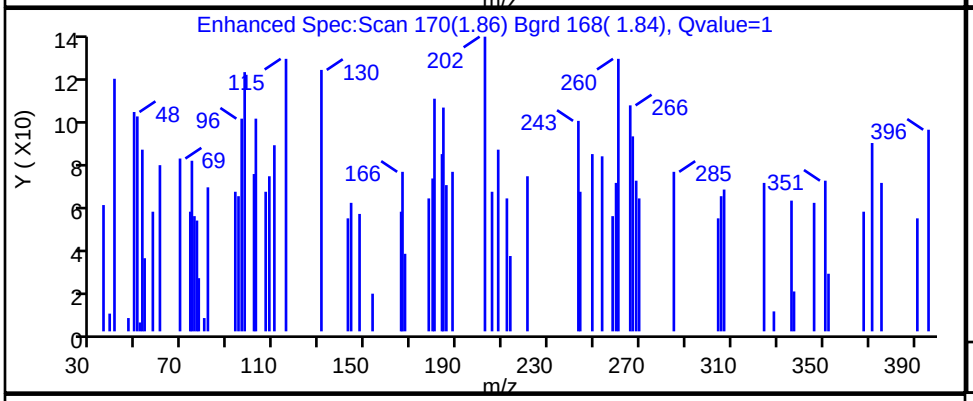
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

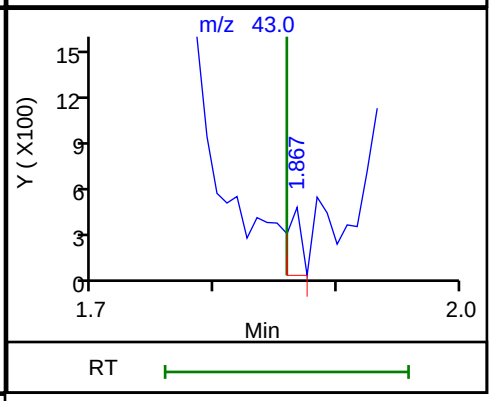
30 Methyl acetate, CAS: 79-20-9

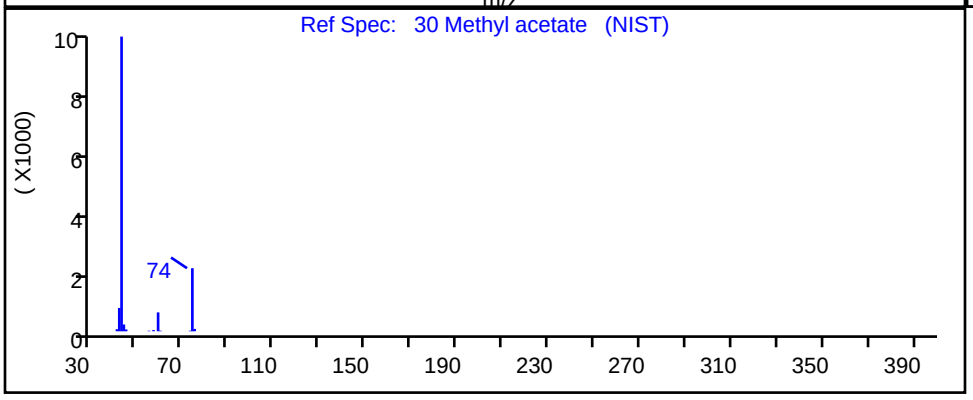
Processing Results











RT	Mass	Response	Amount
1.86	74.00	63	0.098399
1.87	43.00	356	

Reviewer: tupayachia, 13-Aug-2020 09:44:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

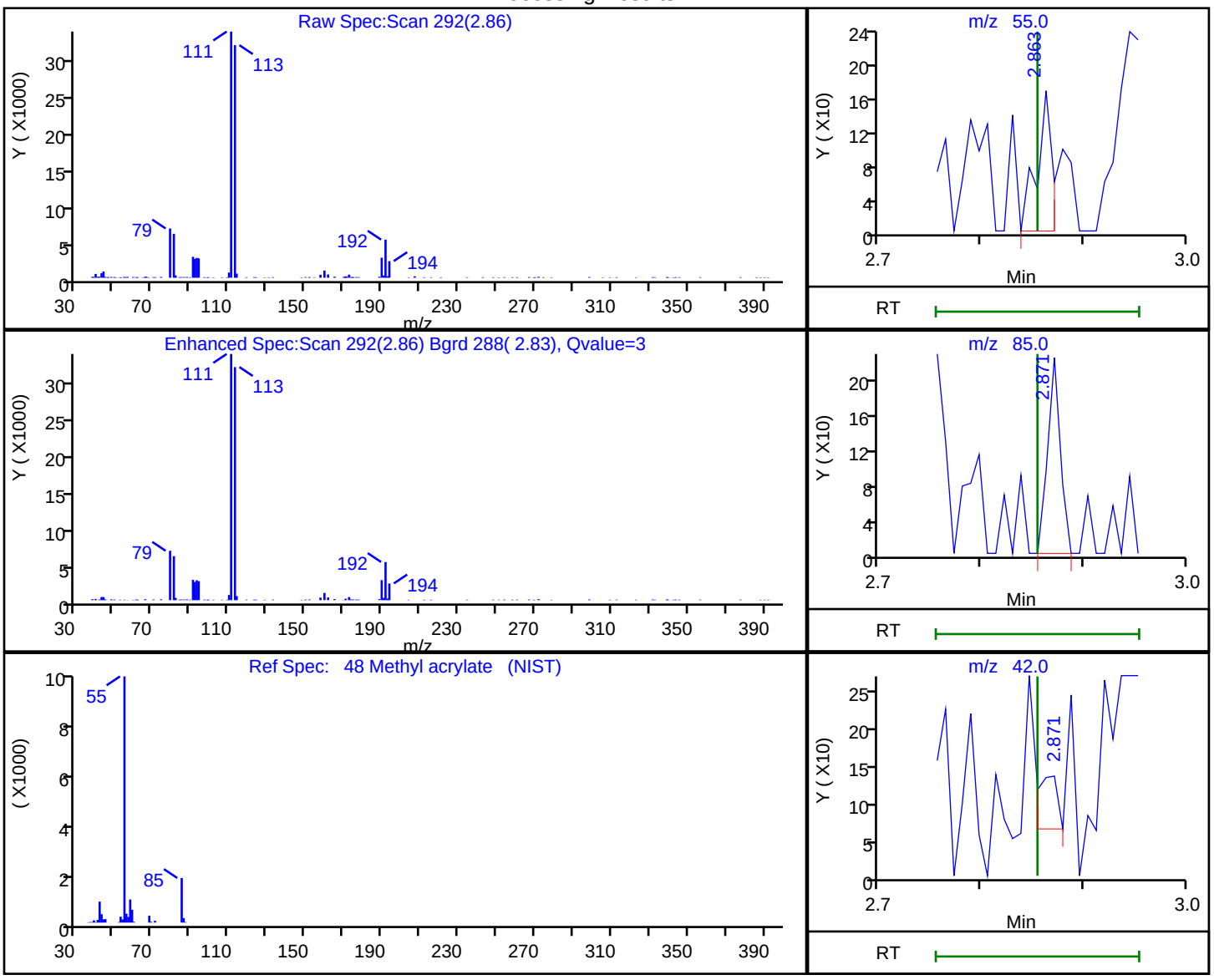
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.86	55.00	174	0.120434
2.87	85.00	190	
2.87	42.00	95	

Reviewer: tupayachia, 13-Aug-2020 09:45:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

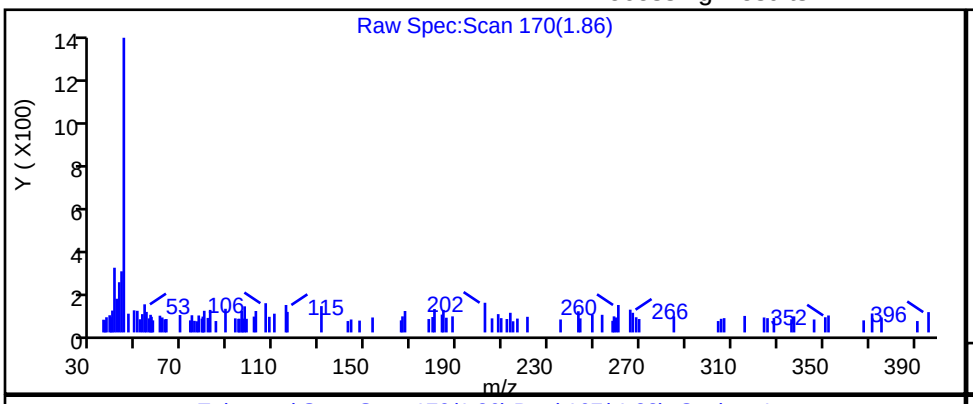
User Disabled Compound Report

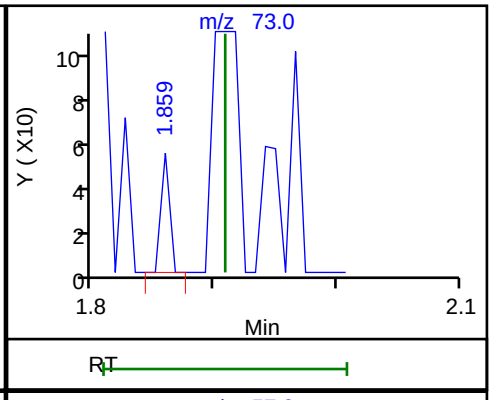
Eurofins TestAmerica, Edison

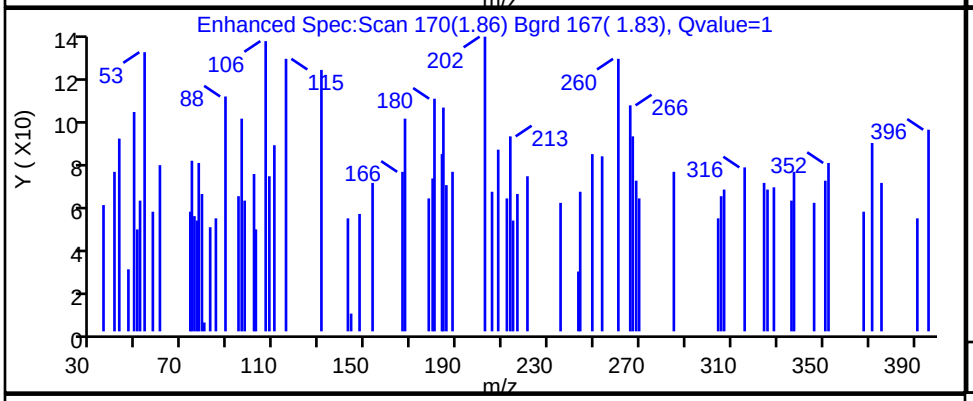
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

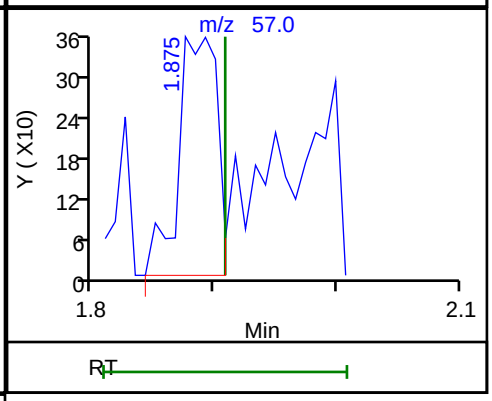
32 Methyl tert-butyl ether, CAS: 1634-04-4

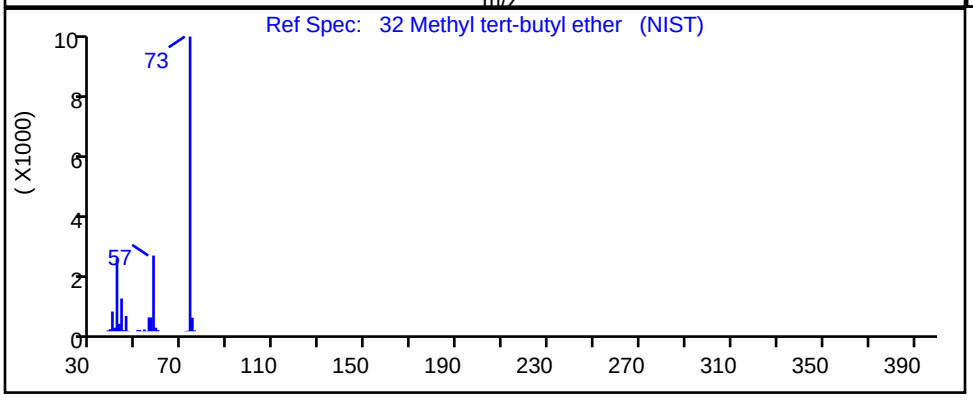
Processing Results











RT	Mass	Response	Amount
1.86	73.00	27	0.002386
1.88	57.00	783	

Reviewer: tupayachia, 13-Aug-2020 09:44:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

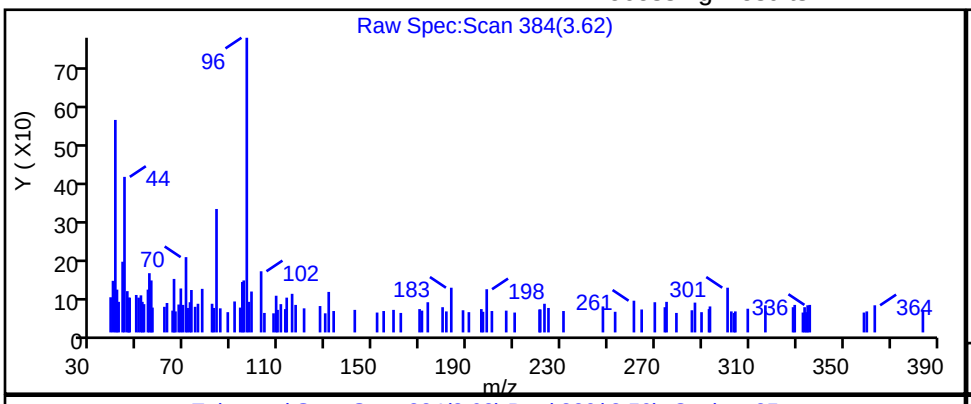
User Disabled Compound Report

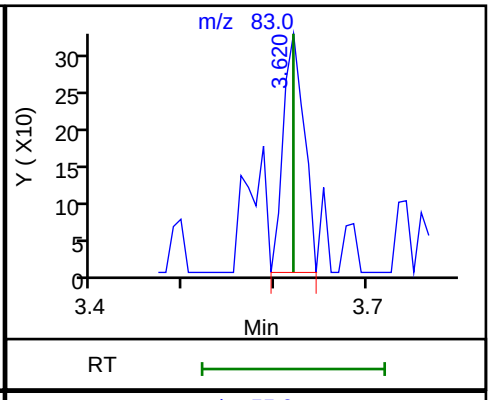
Eurofins TestAmerica, Edison

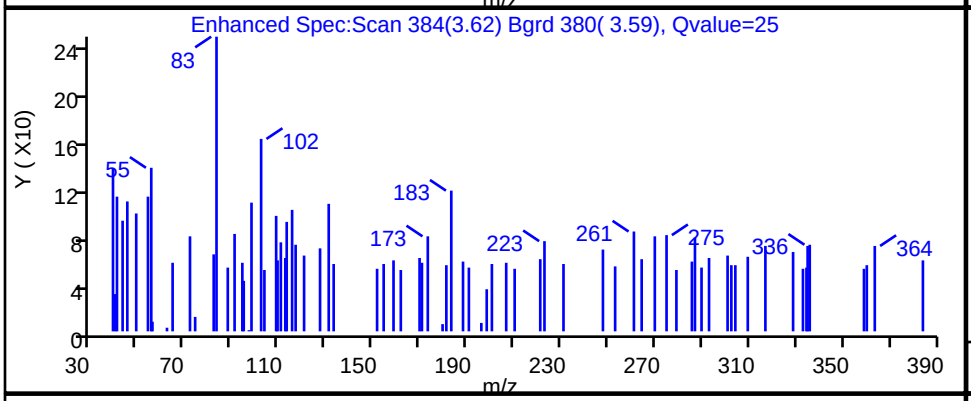
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

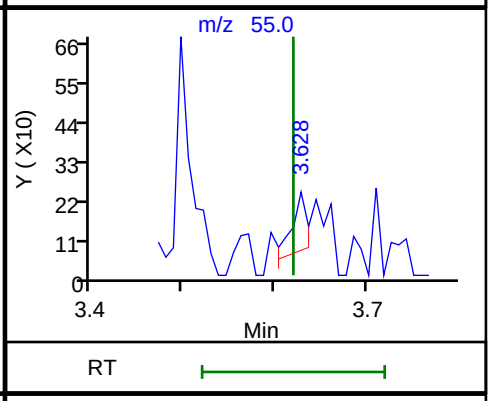
68 Methylcyclohexane, CAS: 108-87-2

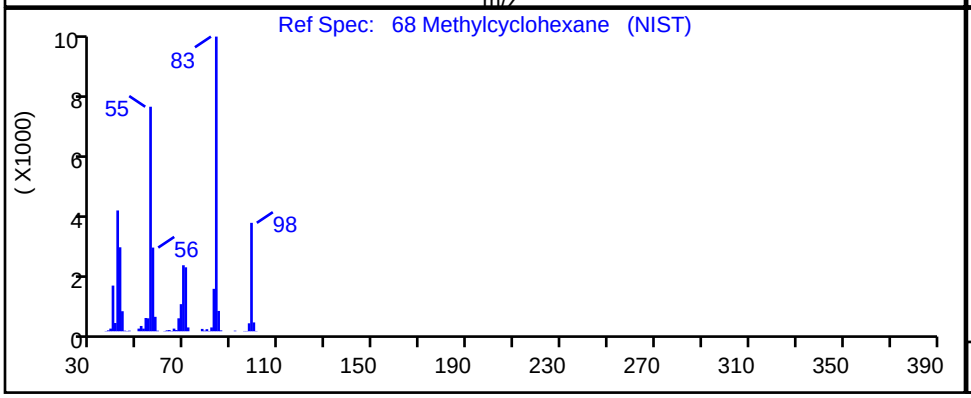
Processing Results

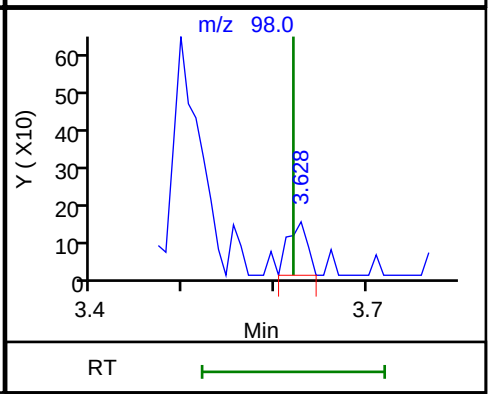












RT	Mass	Response	Amount
3.62	83.00	513	0.212301
3.63	55.00	190	
3.63	98.00	212	

Reviewer: delpolitov, 14-Aug-2020 11:47:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

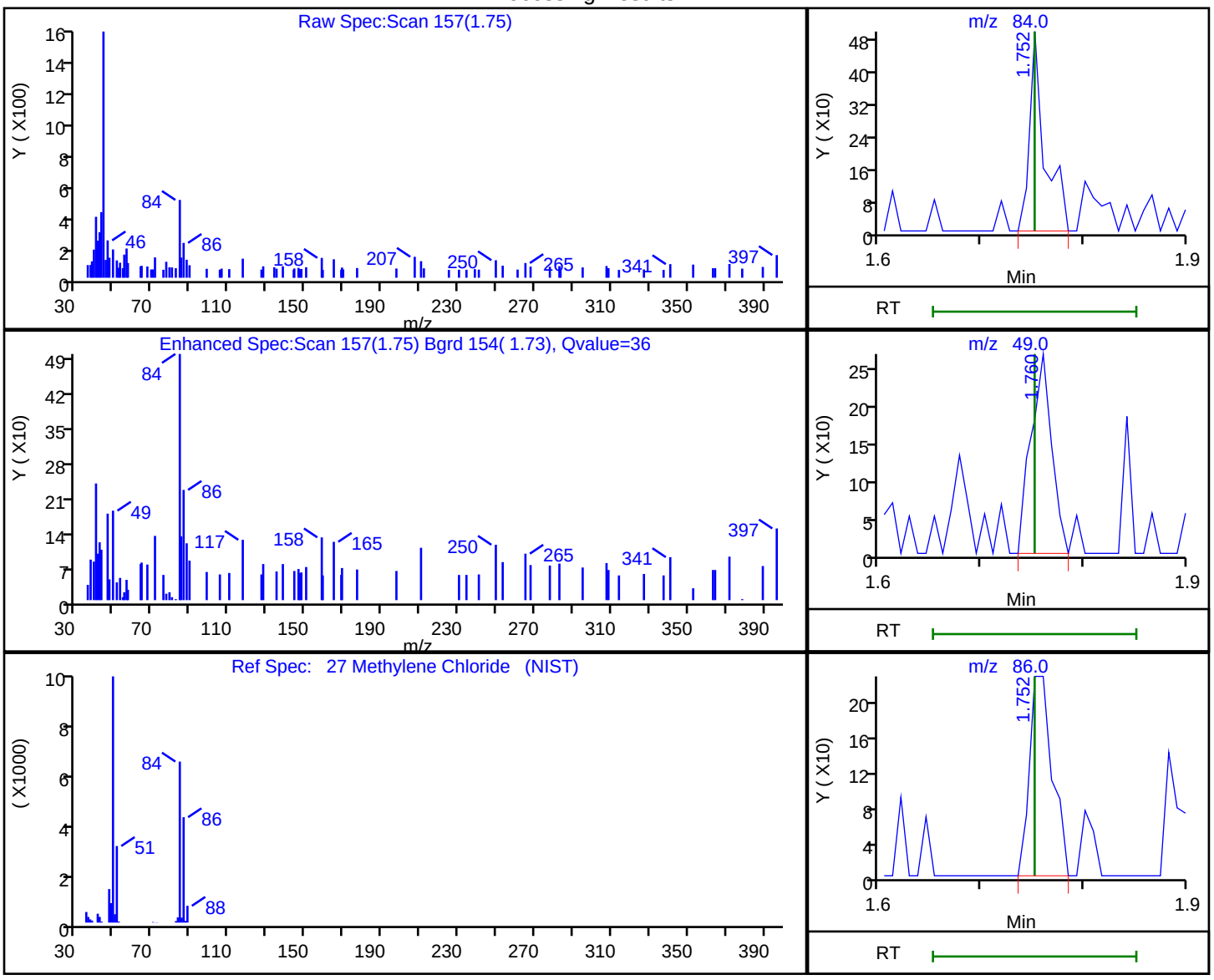
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.75	84.00	519	0.129299
1.76	49.00	382	
1.75	86.00	349	

Reviewer: tupayachia, 13-Aug-2020 09:44:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

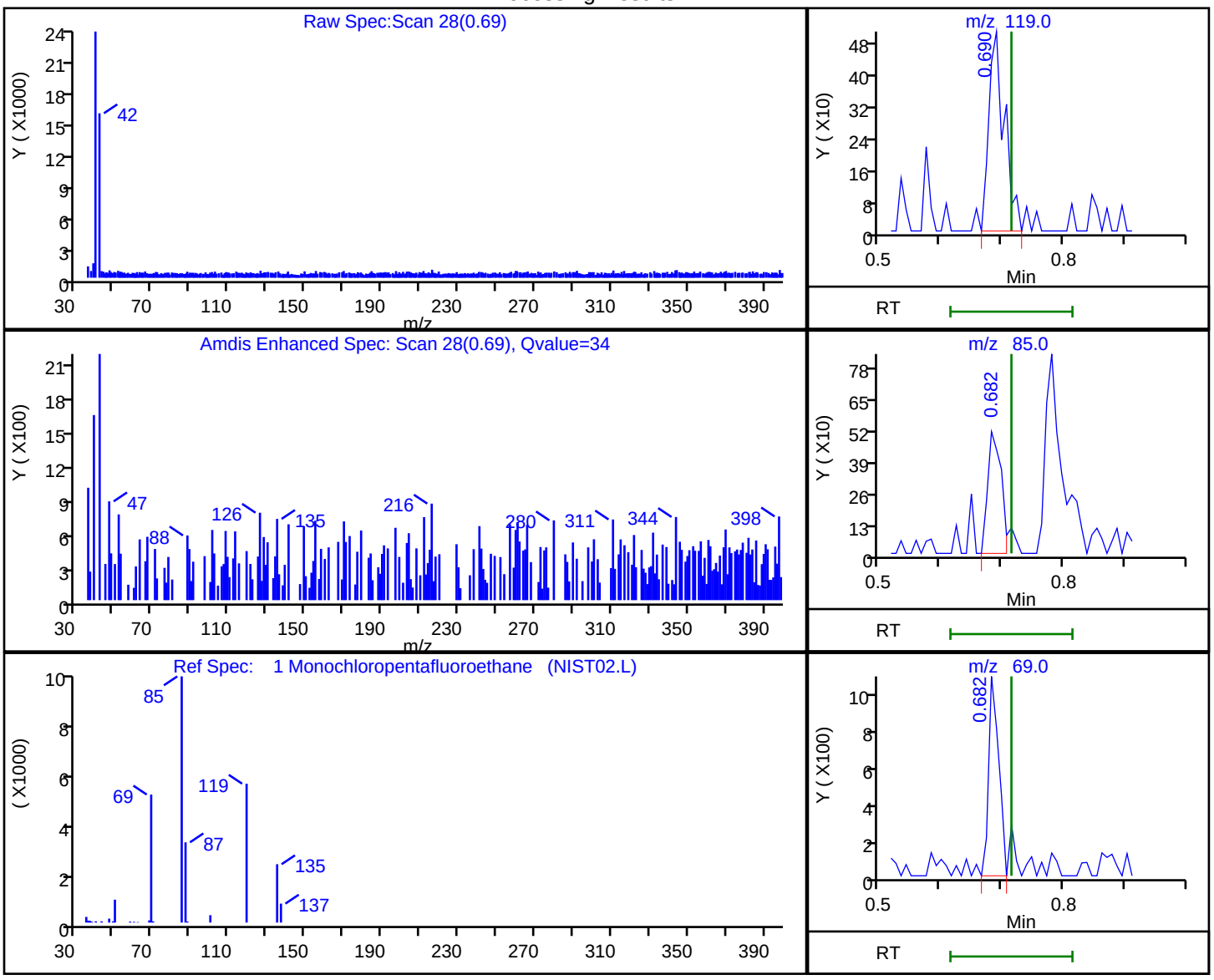
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.69	119.00	902	4.144323
0.68	85.00	788	
0.68	69.00	1172	
0.69	135.00	675	

Reviewer: tupayachia, 13-Aug-2020 09:43:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

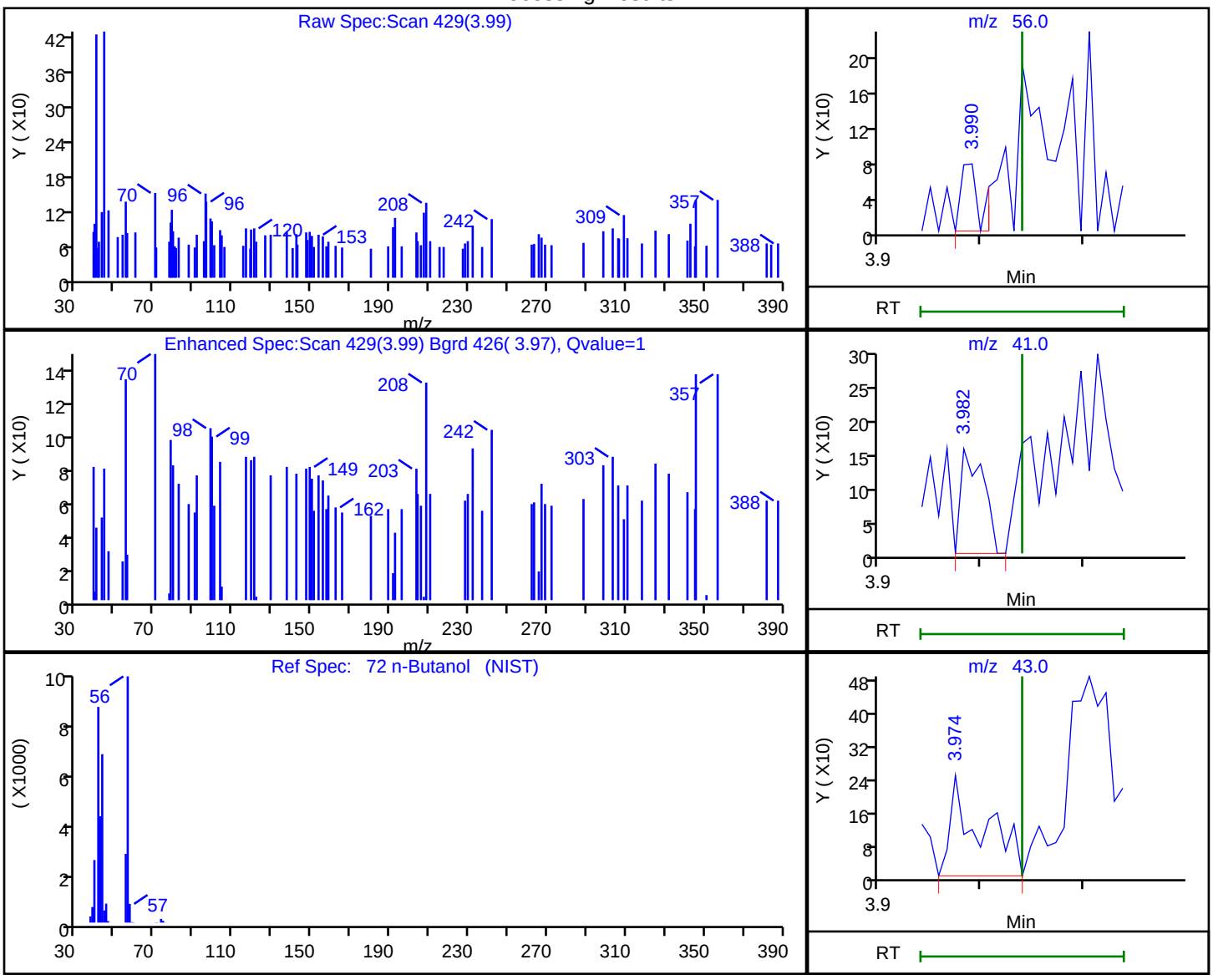
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
3.99	56.00	101	1.153143
3.98	41.00	236	
3.97	43.00	529	

Reviewer: delpolitov, 14-Aug-2020 11:47:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

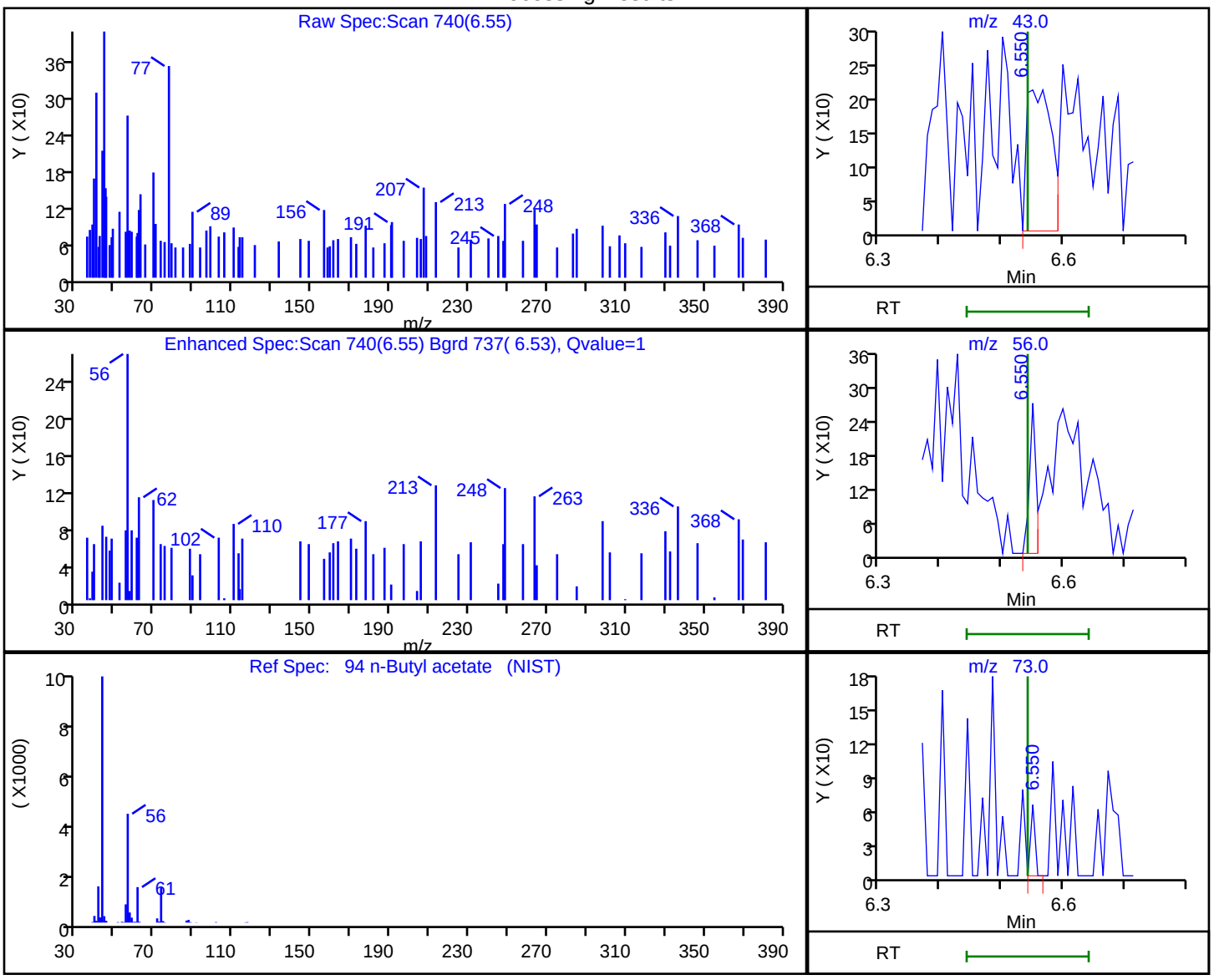
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

94 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.55	43.00	601	0.161944
6.55	56.00	205	
6.55	73.00	30	

Reviewer: delpolitov, 14-Aug-2020 11:47:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

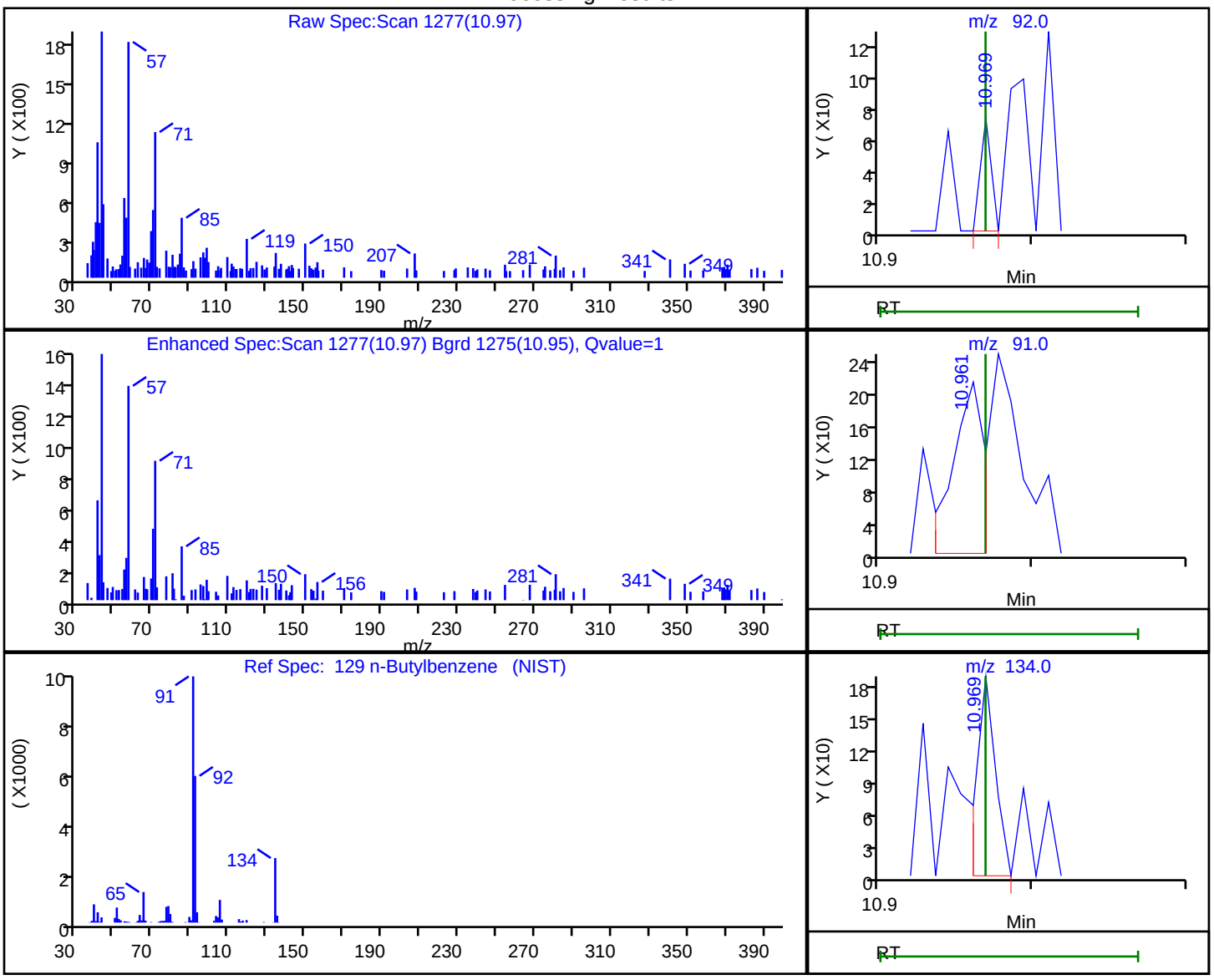
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

129 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.97	92.00	34	0.014361
10.96	91.00	310	
10.97	134.00	162	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

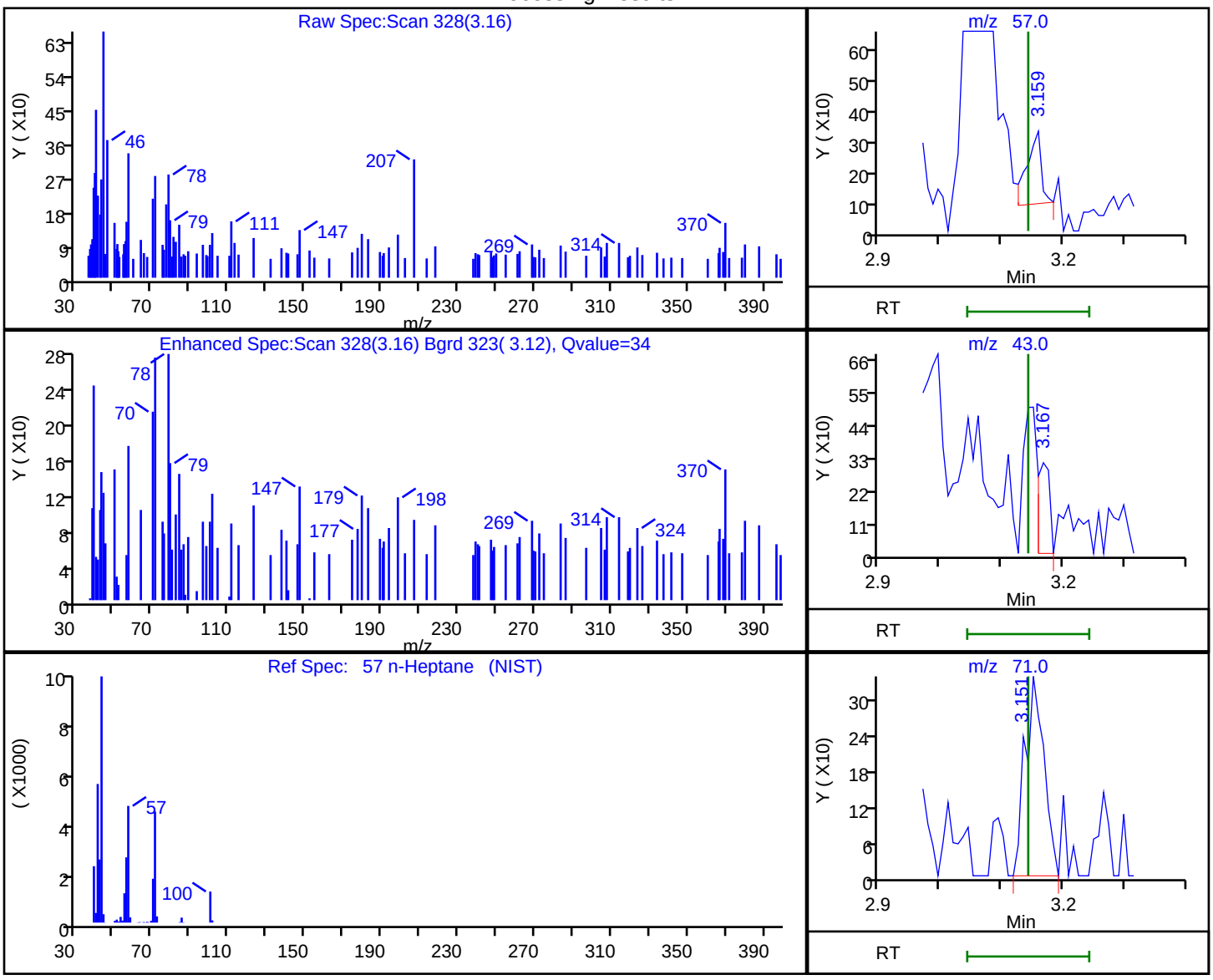
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

57 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.16	57.00	394	0.394918
3.17	43.00	417	
3.15	71.00	726	

Reviewer: delpolitov, 14-Aug-2020 11:47:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

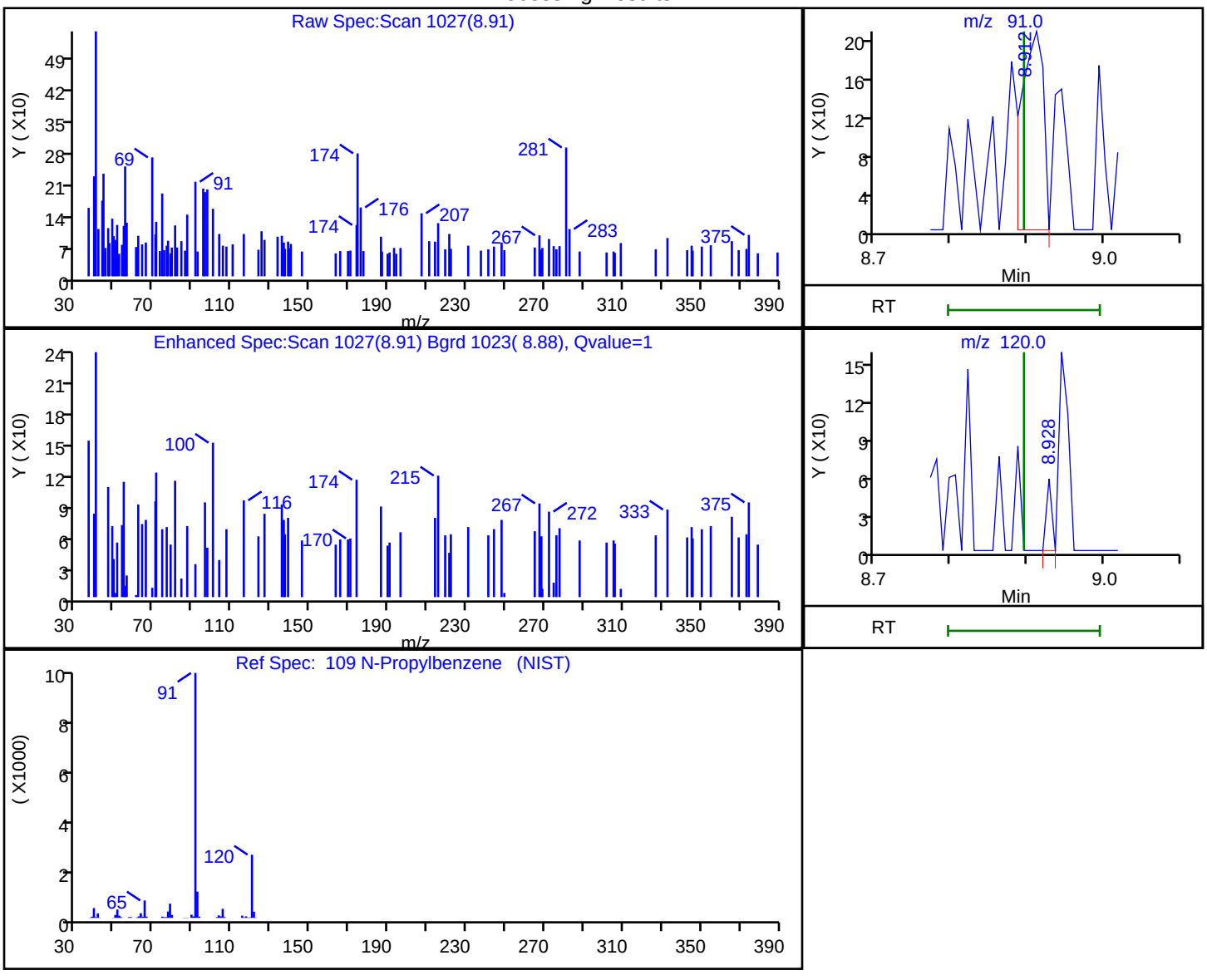
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

109 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
8.91	91.00	419	0.044533
8.93	120.00	27	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

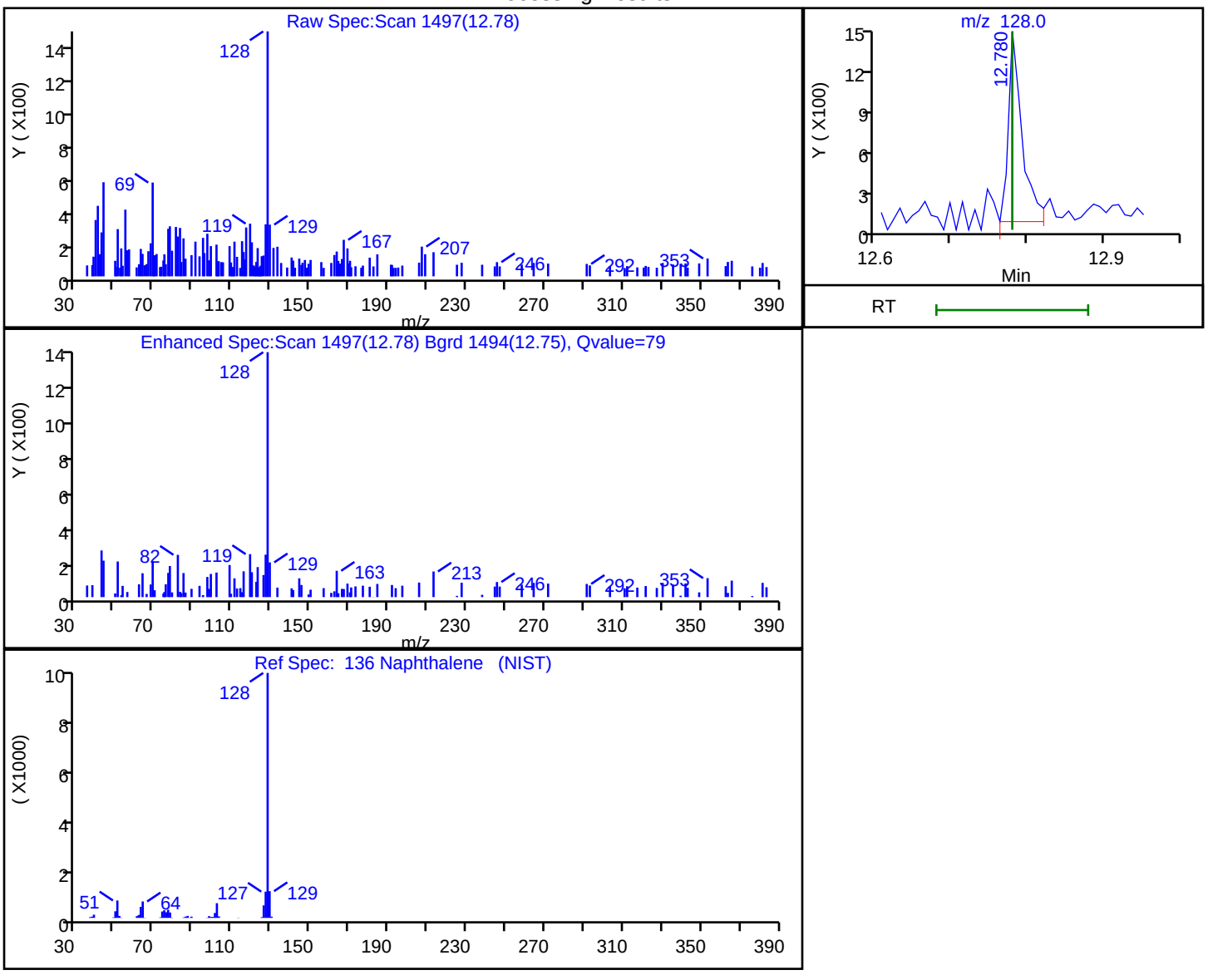
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D				
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

136 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.78	128.00	1777	0.223573

Reviewer: delpolitov, 14-Aug-2020 11:48:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

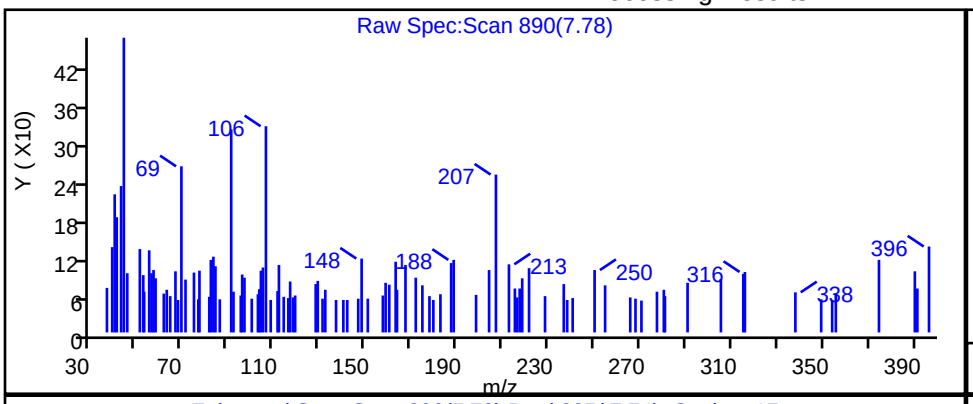
User Disabled Compound Report

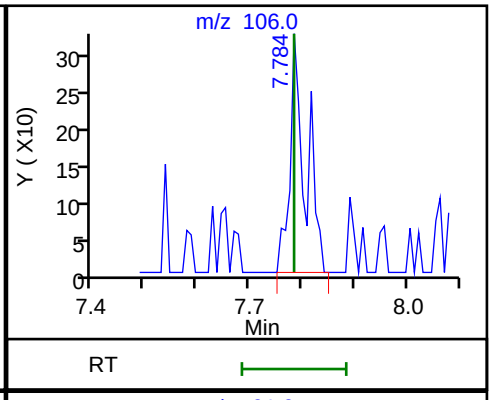
Eurofins TestAmerica, Edison

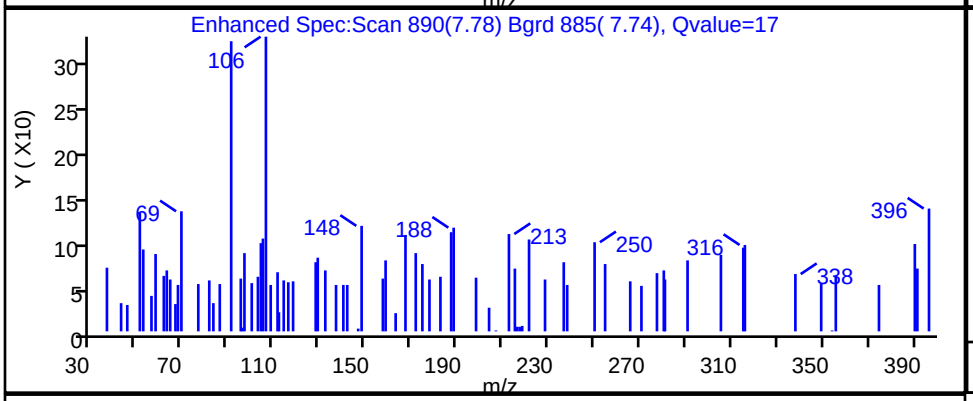
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

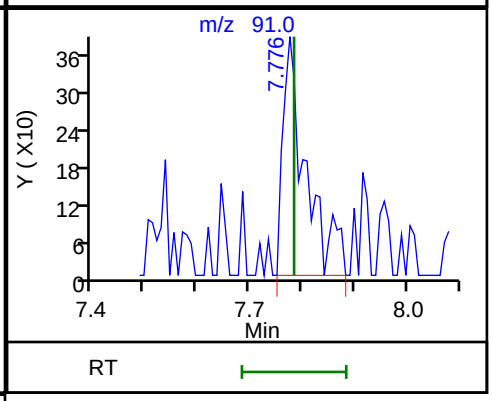
101 o-Xylene, CAS: 95-47-6

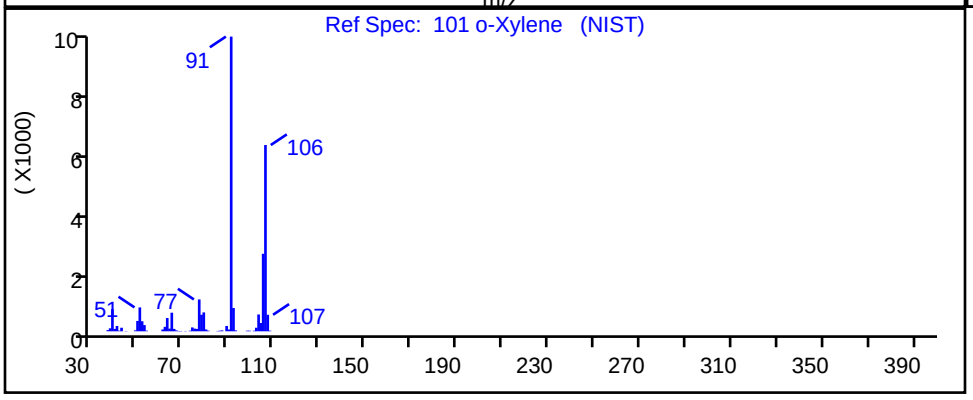
Processing Results











RT	Mass	Response	Amount
7.78	106.00	660	0.144163
7.78	91.00	1186	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

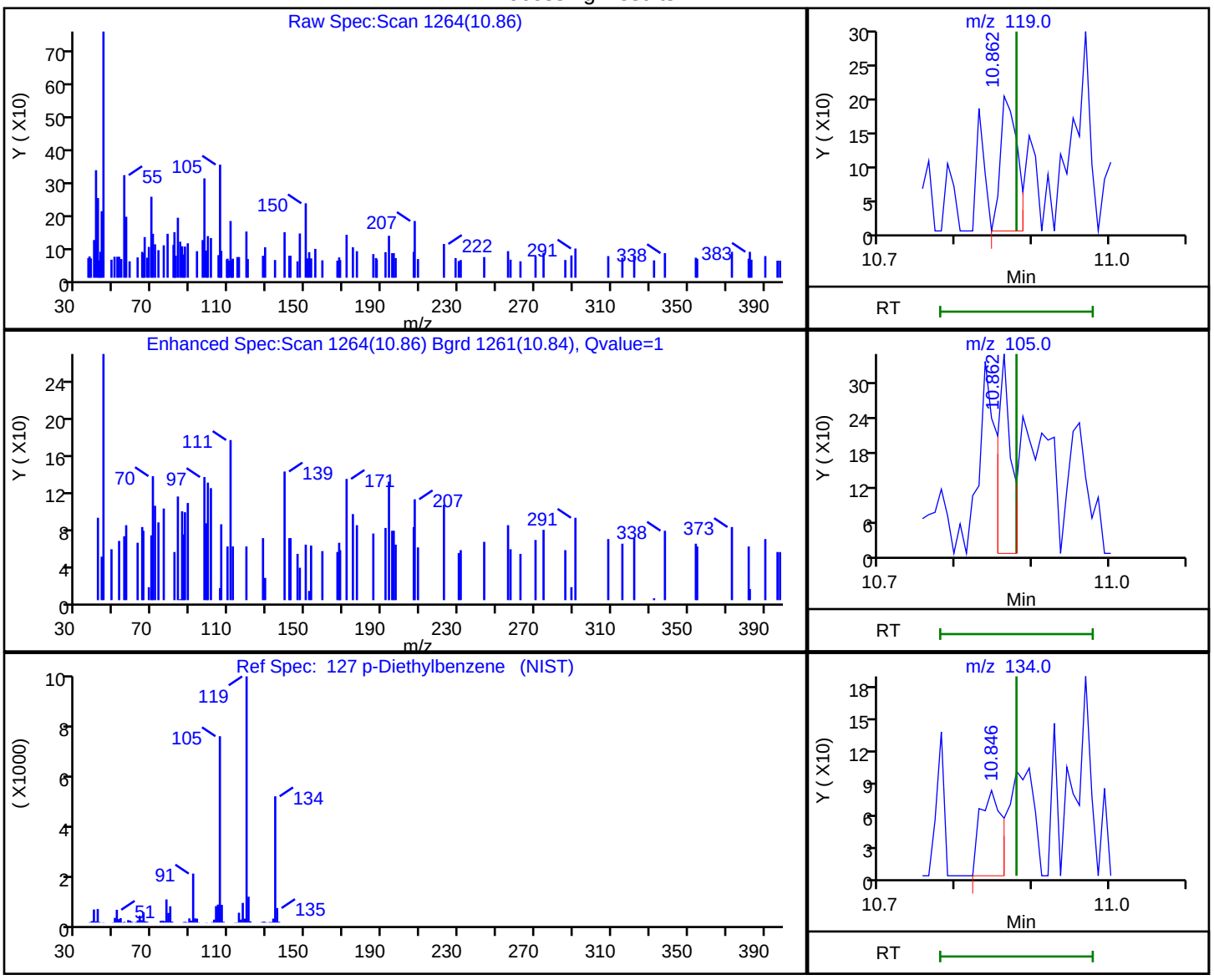
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.86	119.00	304	0.115243
10.86	105.00	412	
10.85	134.00	158	

Reviewer: delpolitov, 14-Aug-2020 11:48:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

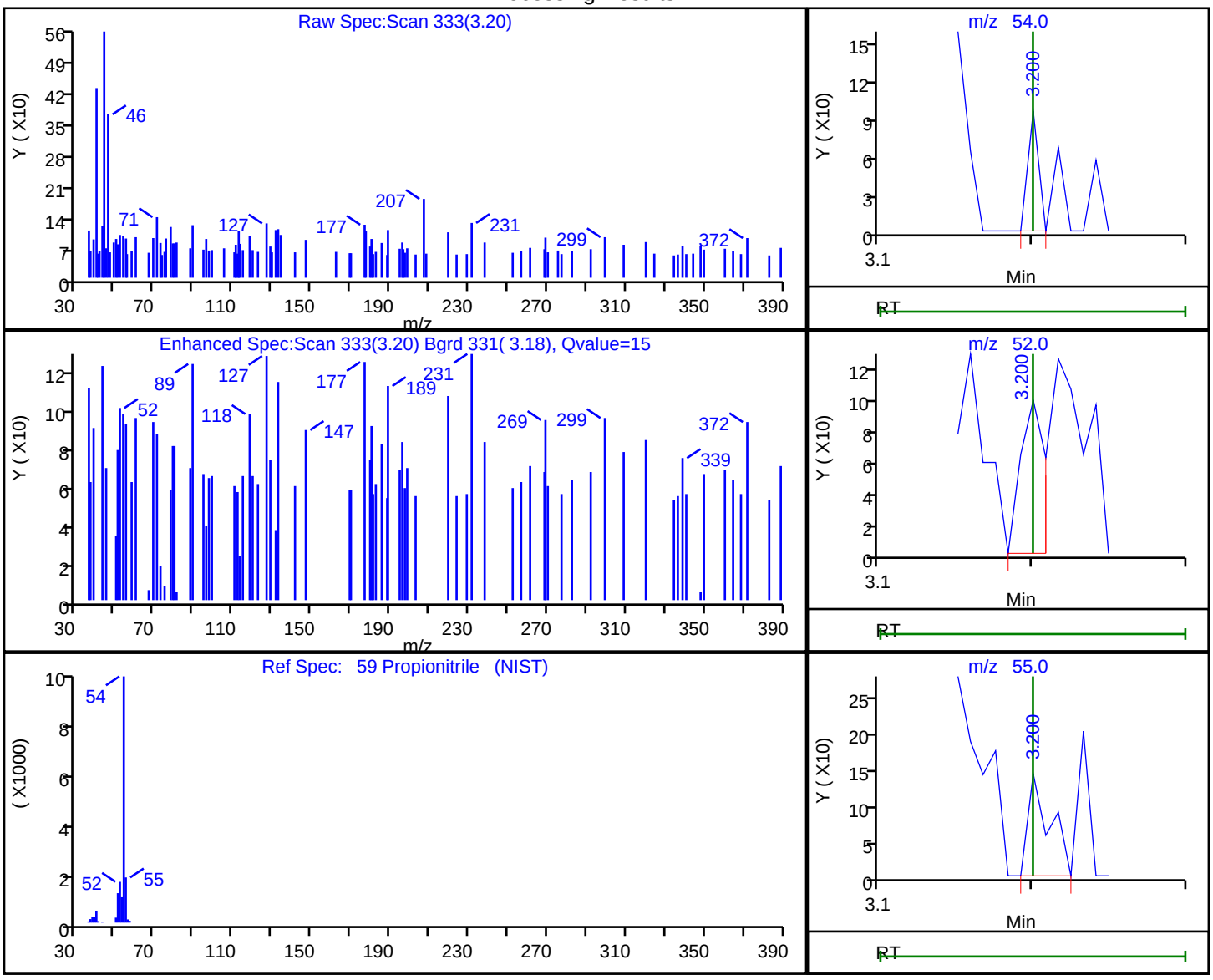
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.20	54.00	46	0.105779
3.20	52.00	108	
3.20	55.00	141	

Reviewer: delpolitov, 14-Aug-2020 11:47:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

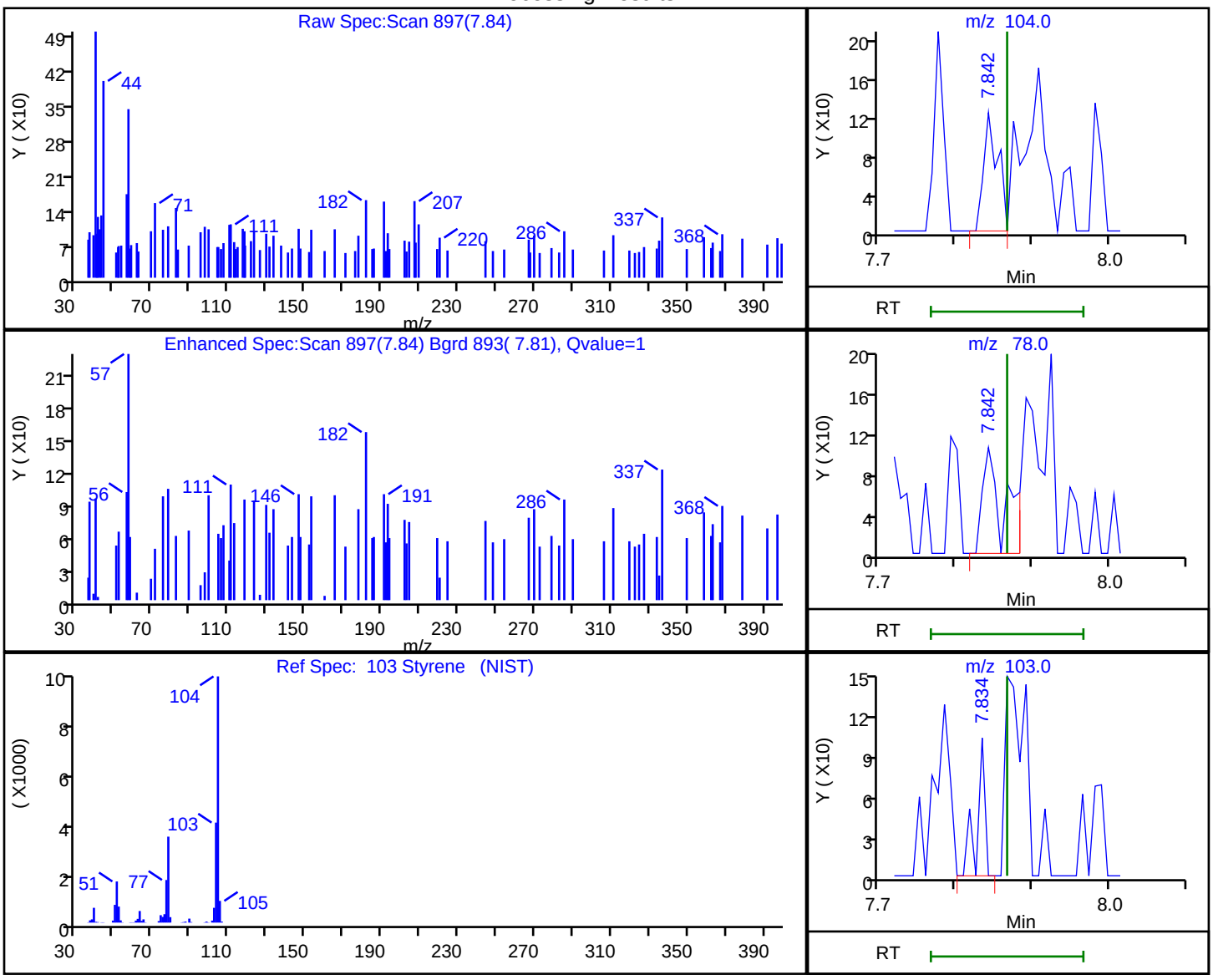
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

103 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
7.84	104.00	161	0.019810
7.84	78.00	207	
7.83	103.00	76	

Reviewer: delpolitov, 14-Aug-2020 11:47:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

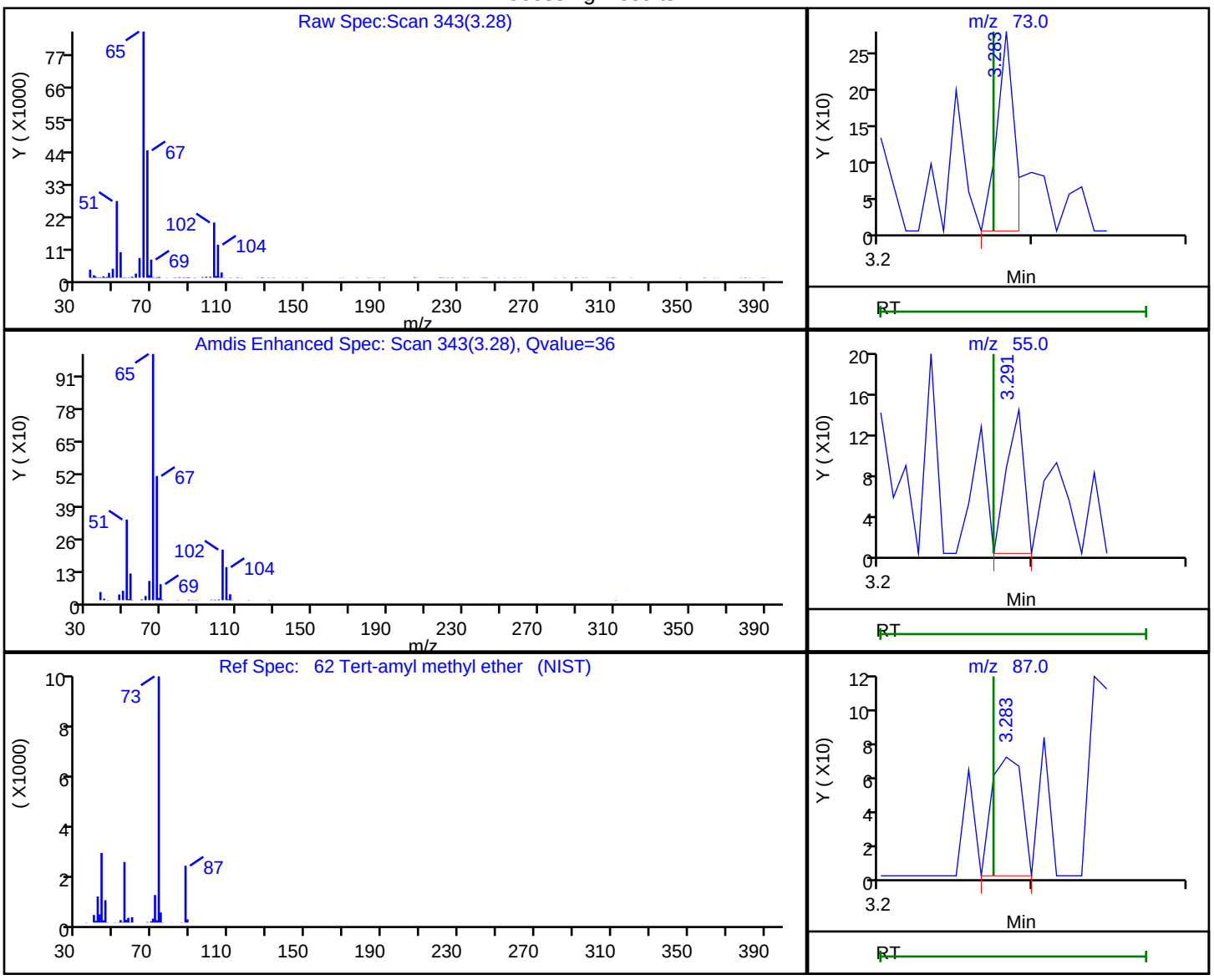
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.28	73.00	220	0.023108
3.29	55.00	114	
3.28	87.00	90	

Reviewer: delpolitov, 14-Aug-2020 11:47:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

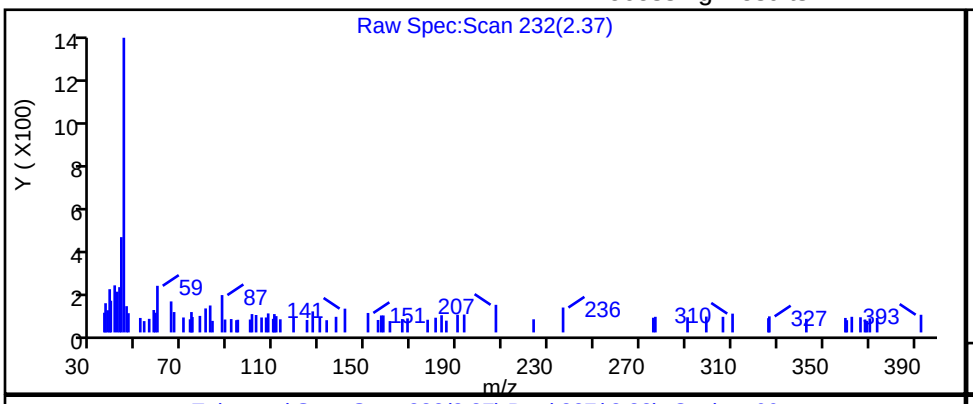
User Disabled Compound Report

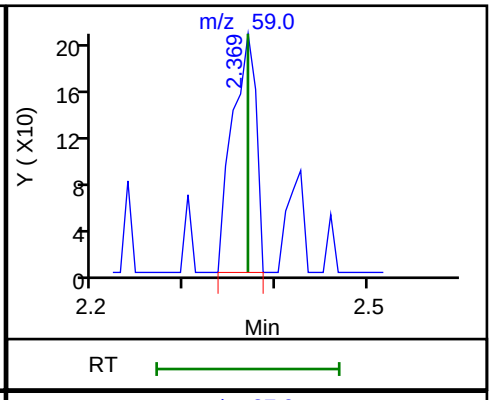
Eurofins TestAmerica, Edison

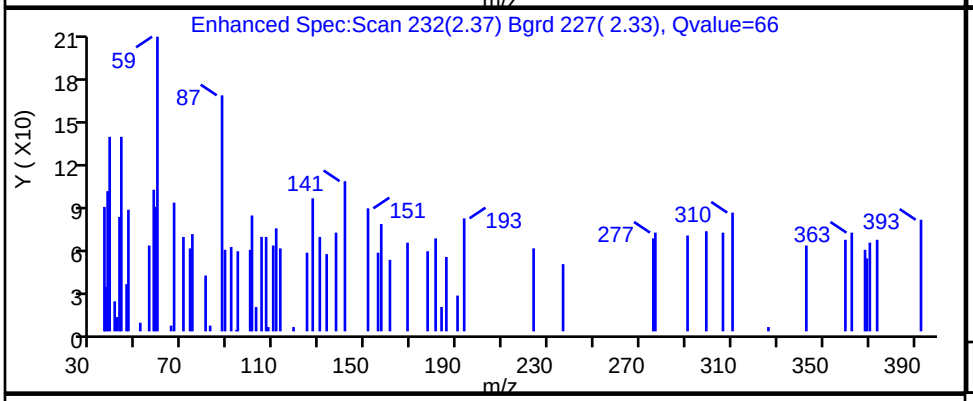
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

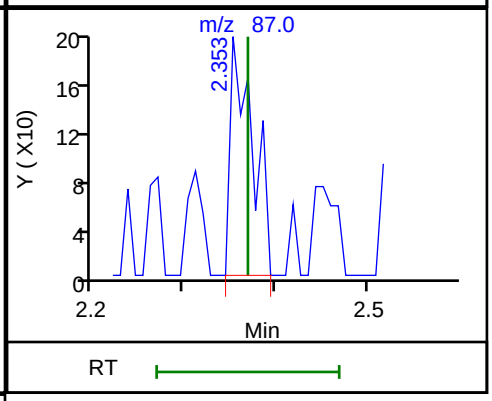
40 Tert-butyl ethyl ether, CAS: 637-92-3

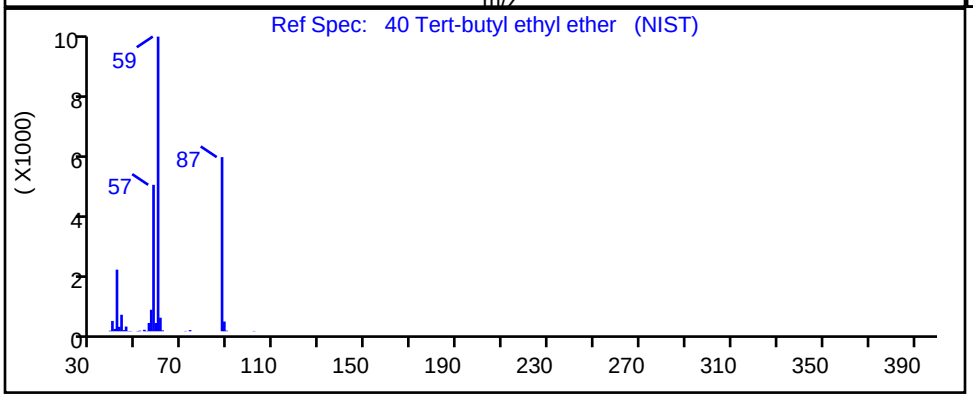
Processing Results











RT	Mass	Response	Amount
2.37	59.00	370	0.069822
2.35	87.00	336	

Reviewer: tupayachia, 13-Aug-2020 09:45:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

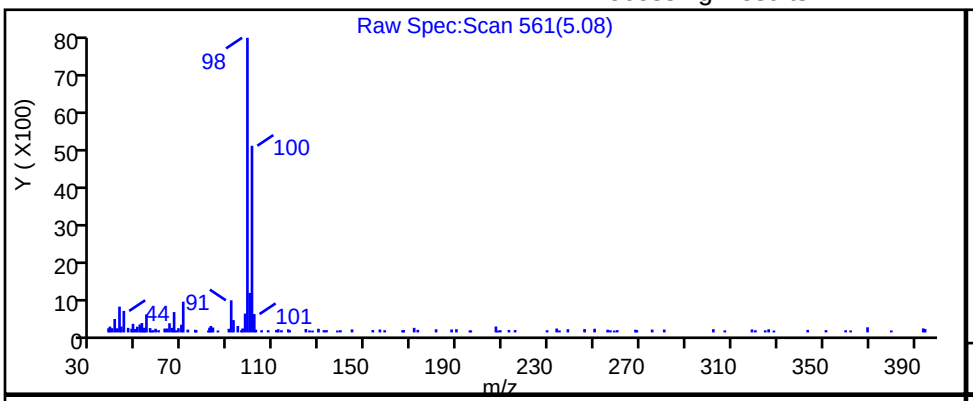
User Disabled Compound Report

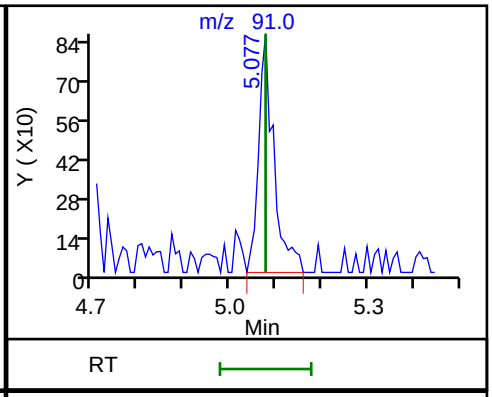
Eurofins TestAmerica, Edison

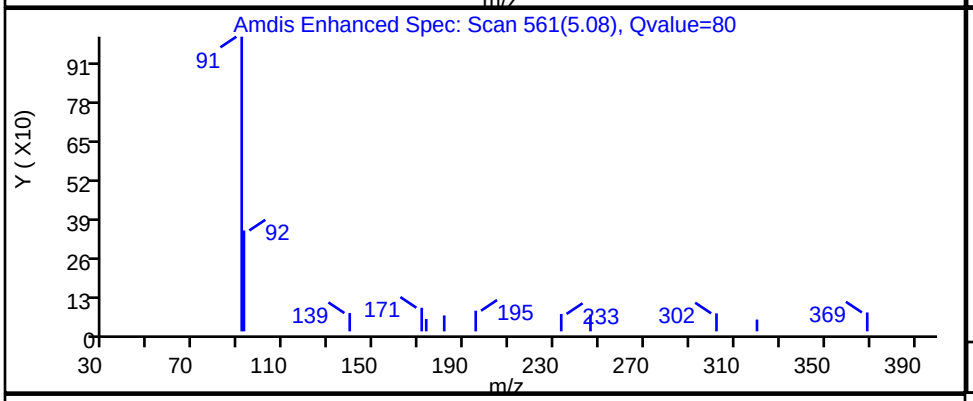
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

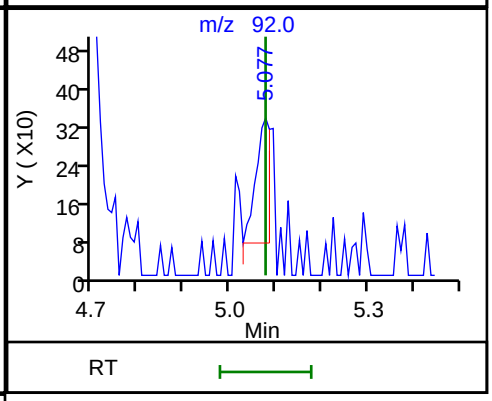
83 Toluene, CAS: 108-88-3

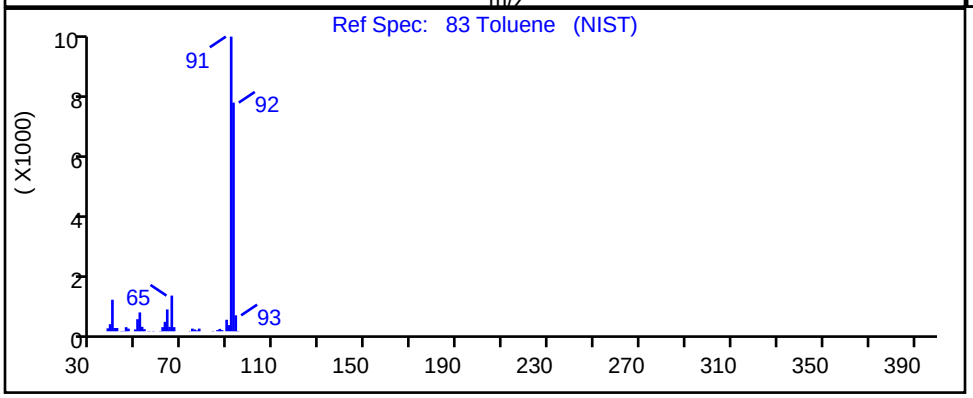
Processing Results











RT	Mass	Response	Amount
5.08	91.00	1987	0.148907
5.08	92.00	560	

Reviewer: delpolitov, 14-Aug-2020 11:47:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

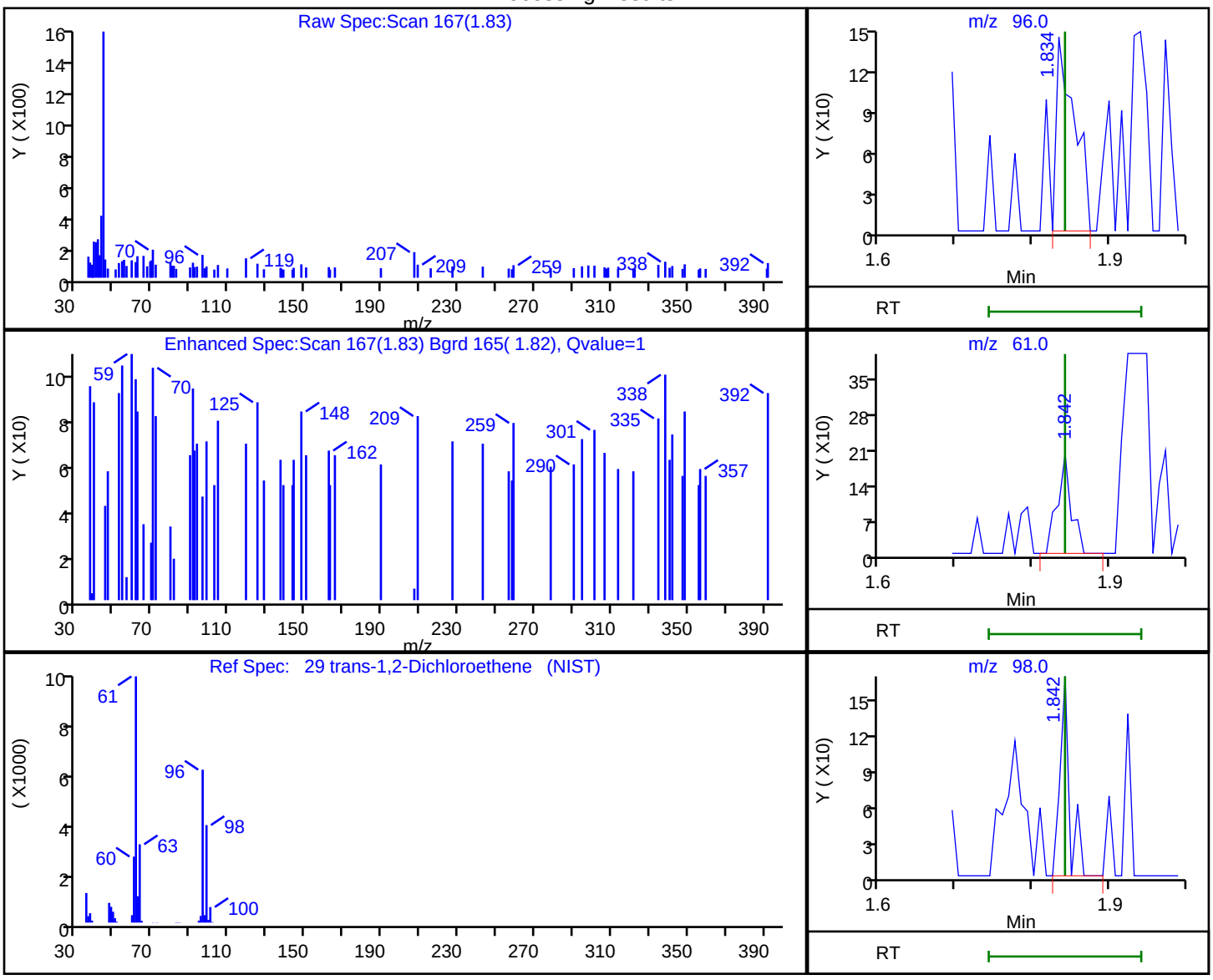
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D		
Injection Date:	13-Aug-2020 06:43:30	Instrument ID:	CVOAMS5
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
1.83	96.00	231	0.056580
1.84	61.00	251	
1.84	98.00	148	

Reviewer: tupayachia, 13-Aug-2020 09:44:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

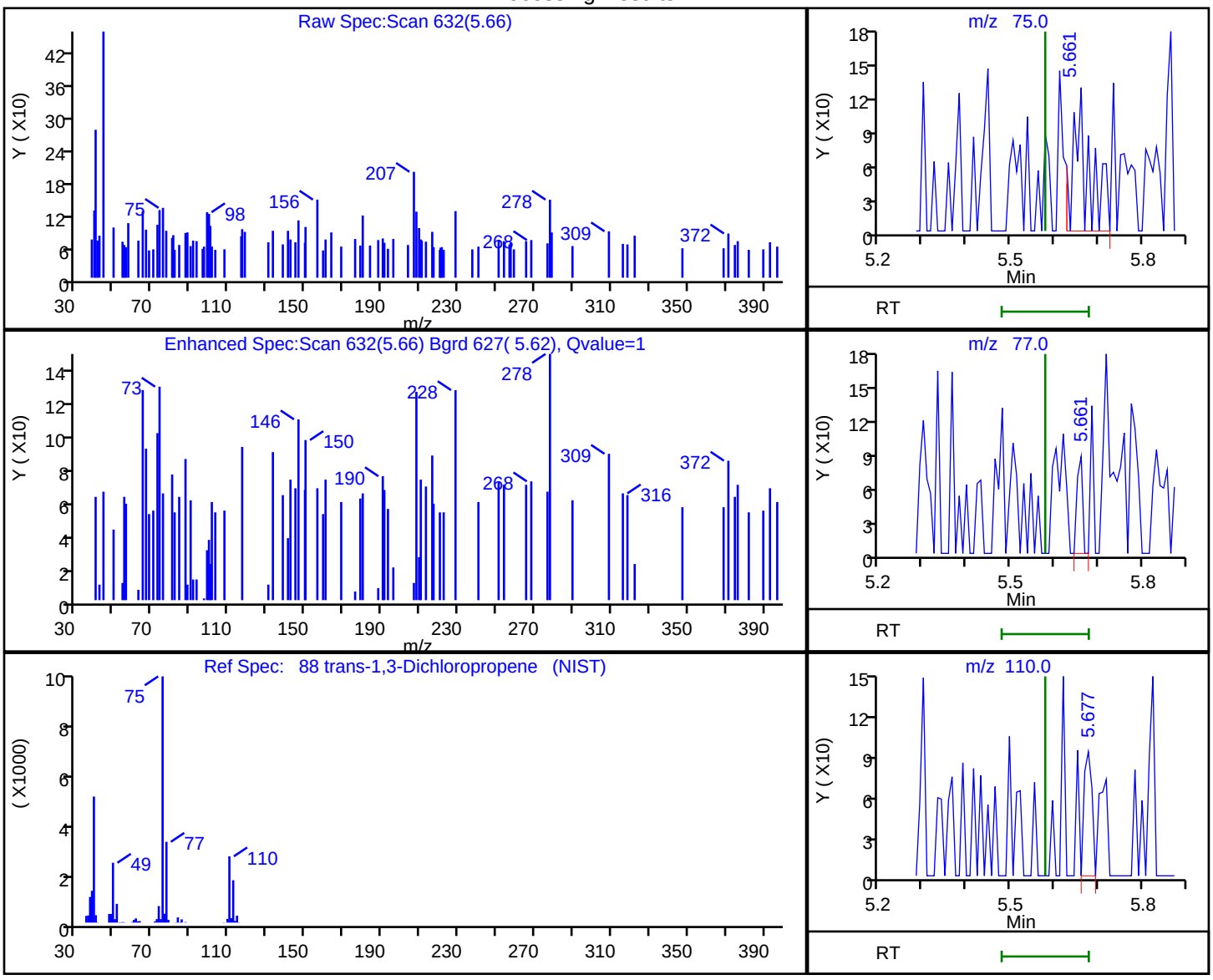
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

88 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
5.66	75.00	313	0.069160
5.66	77.00	76	
5.68	110.00	112	

Reviewer: delpolitov, 14-Aug-2020 11:47:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

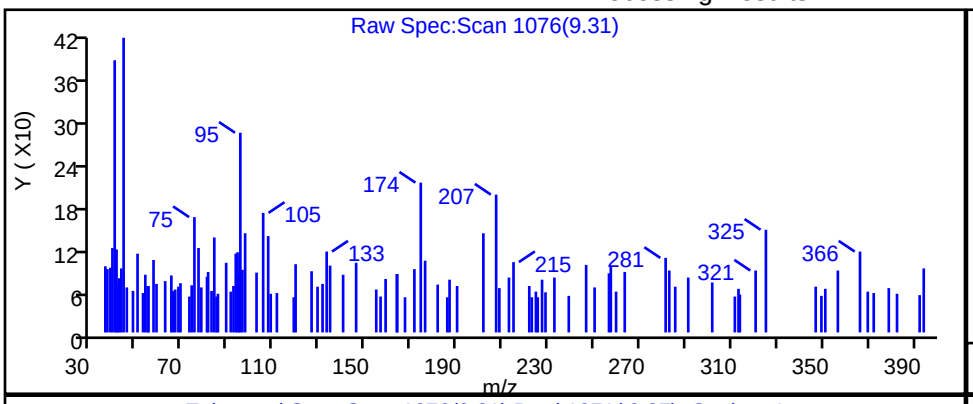
User Disabled Compound Report

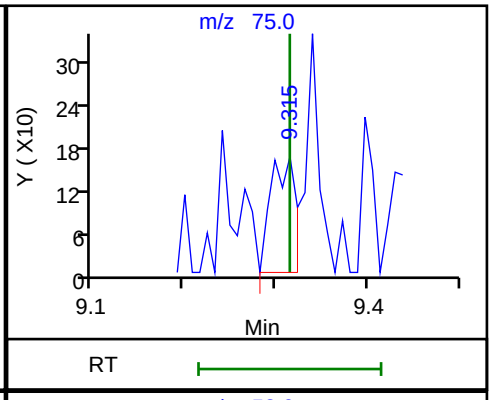
Eurofins TestAmerica, Edison

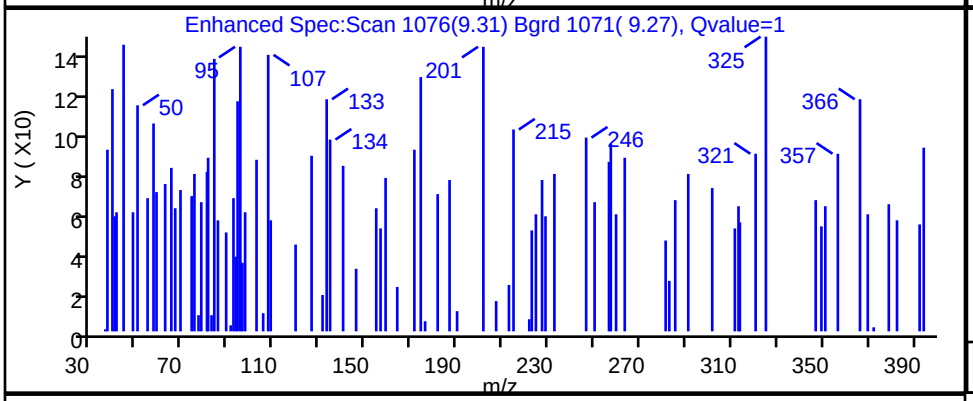
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

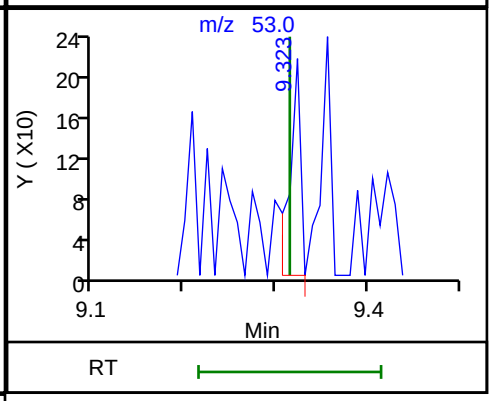
115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

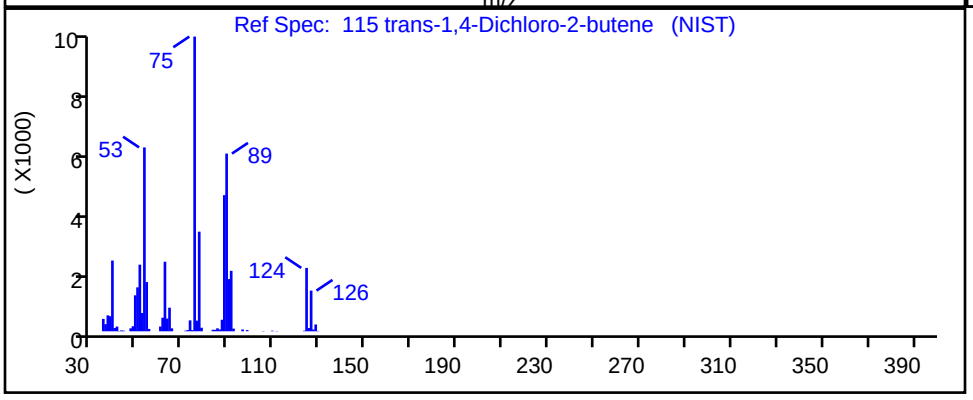
Processing Results











RT	Mass	Response	Amount
9.31	75.00	308	0.224936
9.32	53.00	178	

Reviewer: delpolitov, 14-Aug-2020 11:47:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

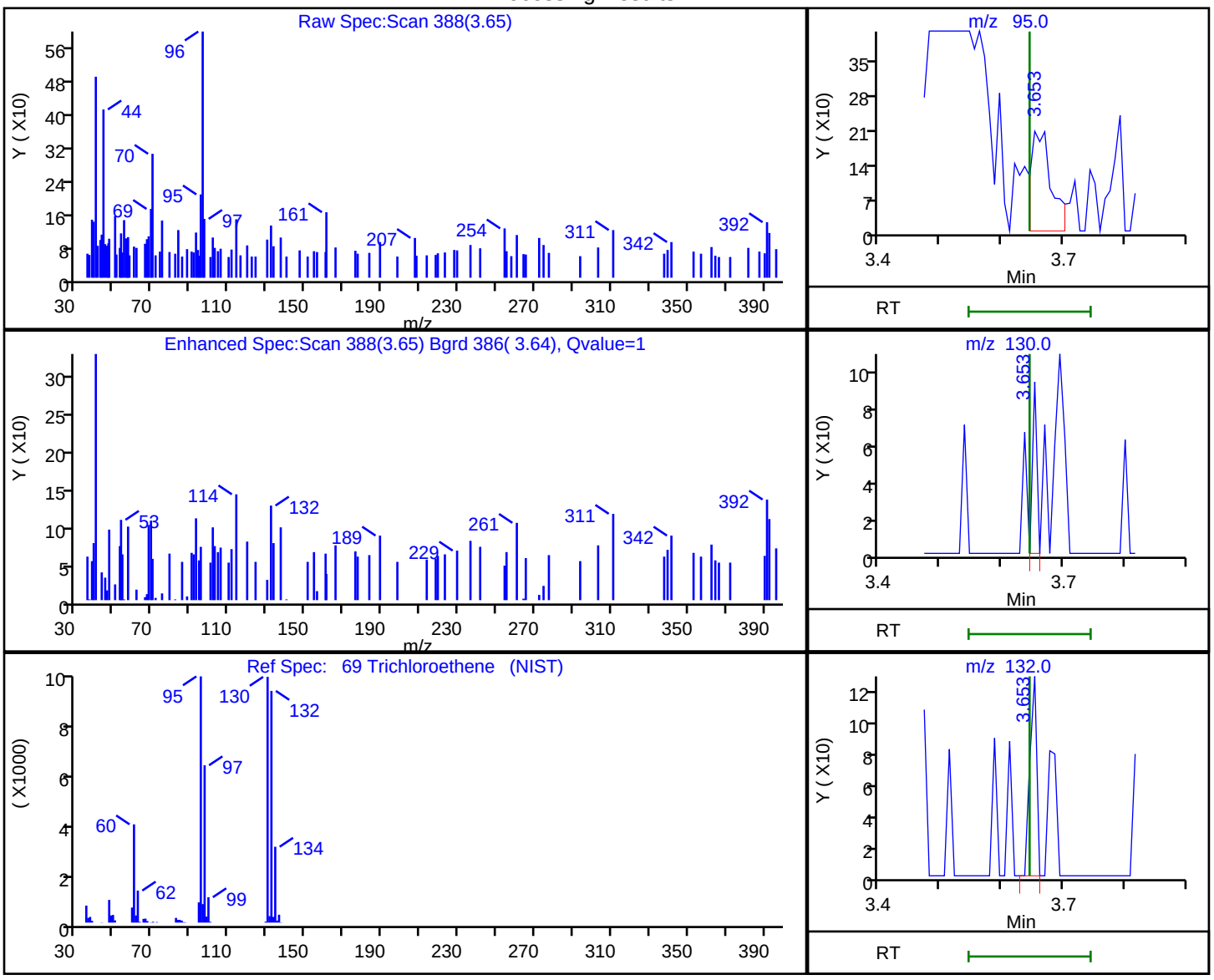
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
3.65	95.00	475	0.145492
3.65	130.00	45	
3.65	132.00	98	

Reviewer: delpolitov, 14-Aug-2020 11:47:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

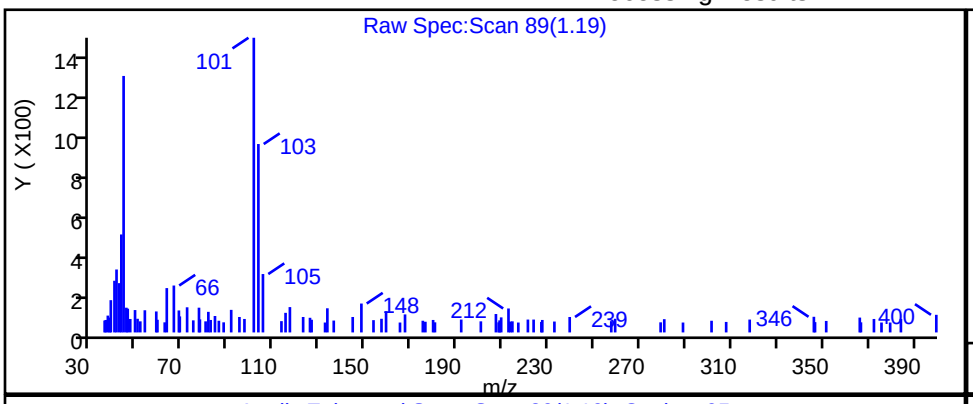
User Disabled Compound Report

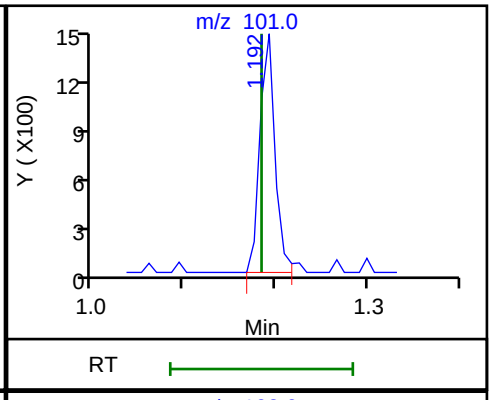
Eurofins TestAmerica, Edison

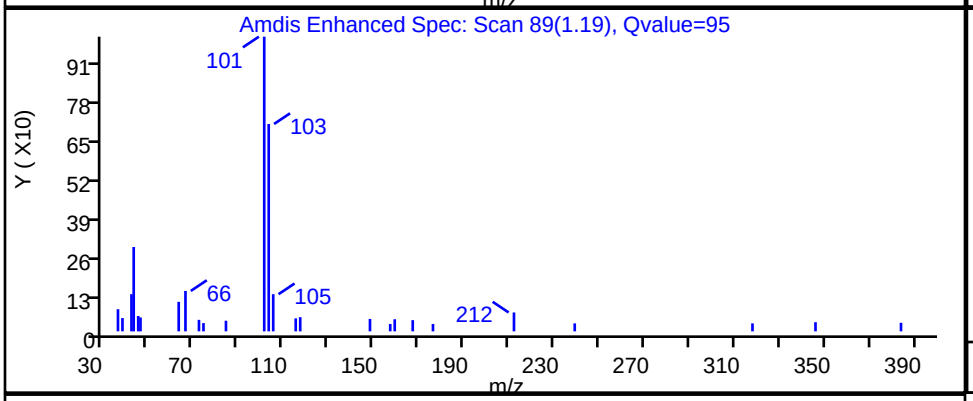
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

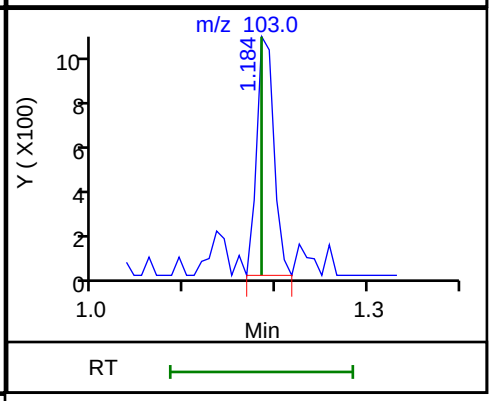
11 Trichlorofluoromethane, CAS: 75-69-4

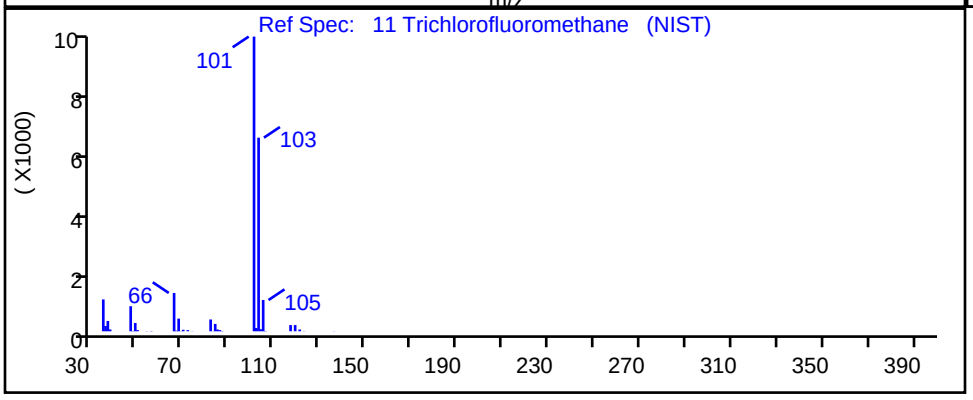
Processing Results











RT	Mass	Response	Amount
1.19	101.00	1711	0.267565
1.18	103.00	1315	

Reviewer: tupayachia, 13-Aug-2020 09:44:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

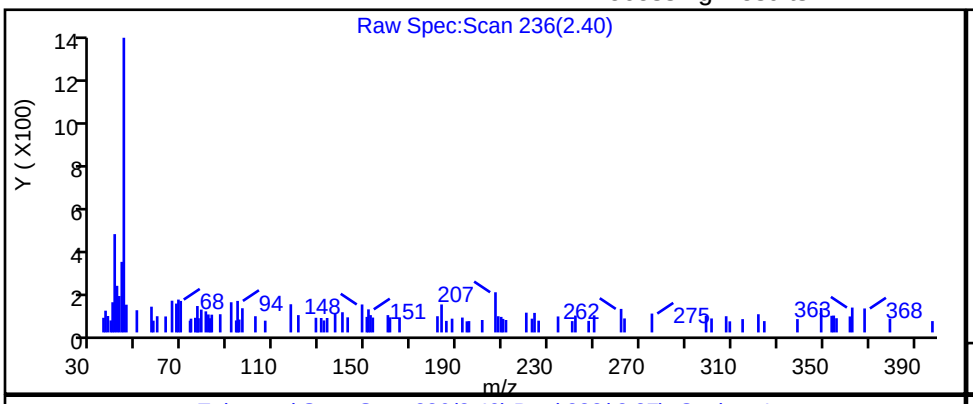
User Disabled Compound Report

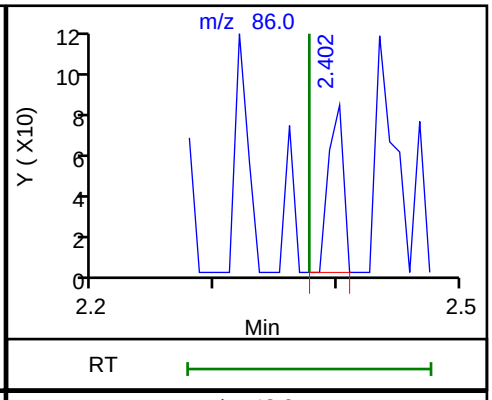
Eurofins TestAmerica, Edison

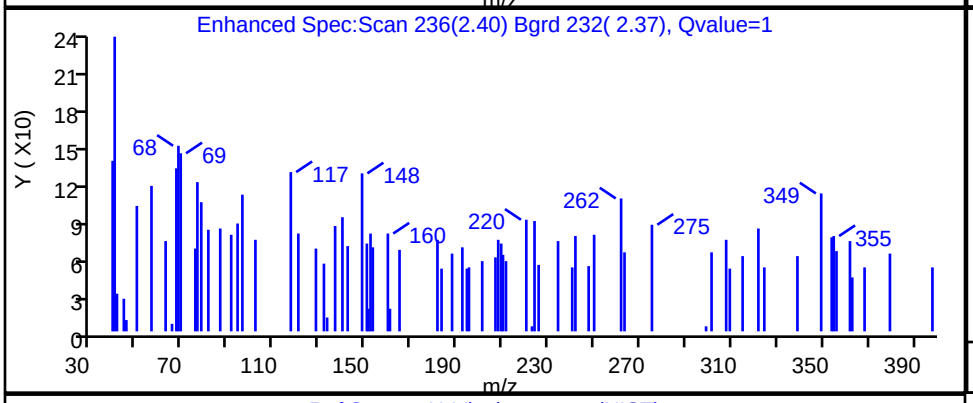
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

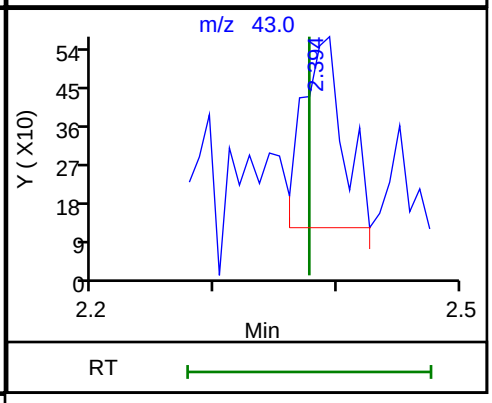
41 Vinyl acetate, CAS: 108-05-4

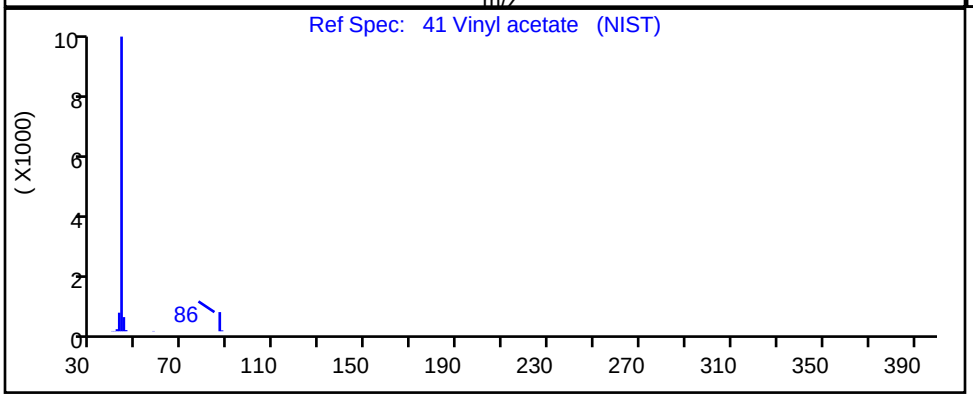
Processing Results











RT	Mass	Response	Amount
2.40	86.00	70	0.090334
2.39	43.00	1041	

Reviewer: tupayachia, 13-Aug-2020 09:45:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

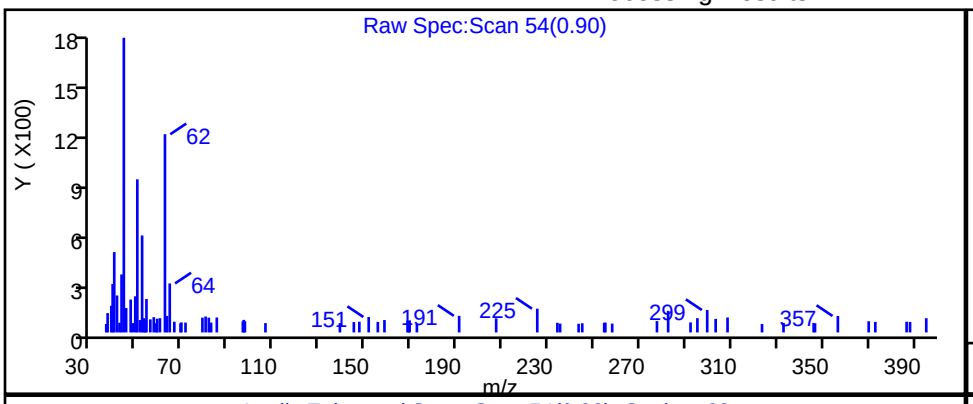
User Disabled Compound Report

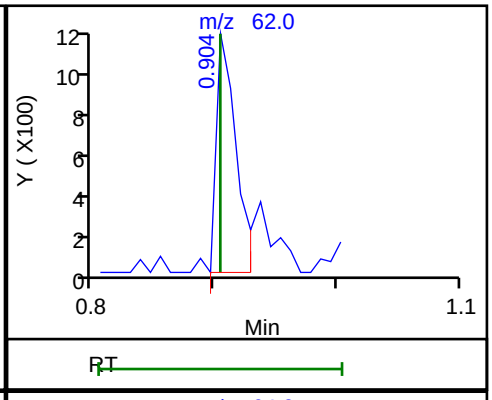
Eurofins TestAmerica, Edison

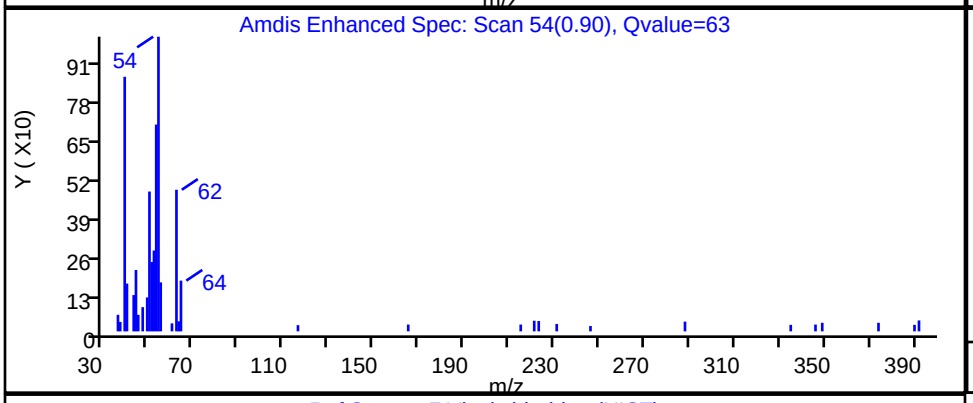
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15845.D
Injection Date: 13-Aug-2020 06:43:30 Instrument ID: CVOAMS5
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

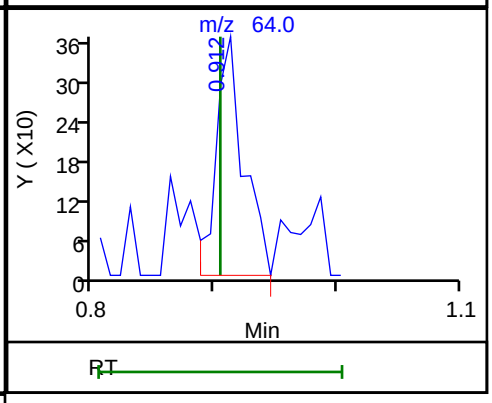
7 Vinyl chloride, CAS: 75-01-4

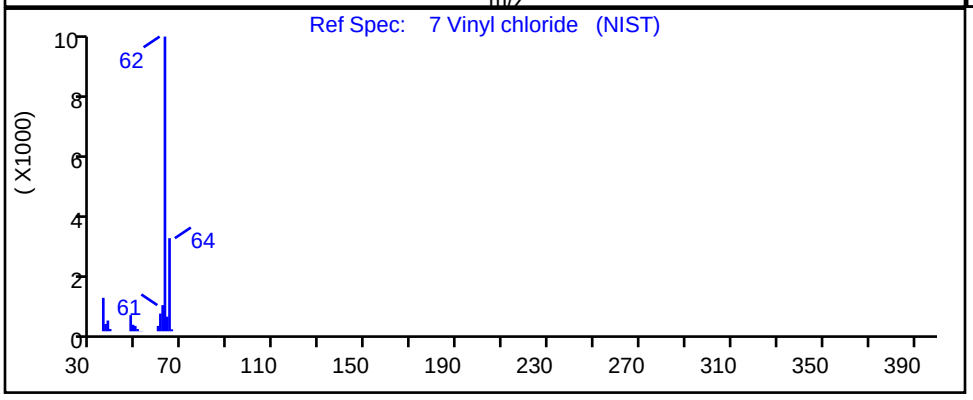
Processing Results











RT	Mass	Response	Amount
0.90	62.00	1316	0.334409
0.91	64.00	571	

Reviewer: tupayachia, 13-Aug-2020 09:44:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Aug-2020 07:34:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0114977-005
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:26:15 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: tupayachia Date: 13-Aug-2020 09:40:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.715	0.715	0.000	27	421	1.00	1.12	a
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	80	1231	1.00	1.82	
3 Dichlorodifluoromethane	85	0.781	0.781	0.000	94	4513	1.00	1.07	M
4 1,1-Difluoroethane	65	0.813	0.813	0.000	91	1697	1.00	1.52	
5 Chlorodifluoromethane	67	0.822	0.830	-0.008	96	1033	1.00	1.68	
7 Vinyl chloride	62	0.904	0.904	0.000	79	4307	1.00	1.05	
8 Butadiene	54	0.912	0.912	0.000	89	3864	1.00	1.00	
6 Chloromethane	50	0.912	0.912	0.000	59	4946	1.00	0.9731	
9 Bromomethane	94	1.060	1.060	0.000	90	2583	1.00	1.00	
10 Chloroethane	64	1.126	1.118	0.008	89	2562	1.00	1.12	
12 Pentane	72	1.184	1.184	0.000	96	946	2.00	2.30	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	93	5321	1.00	1.02	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	6268	1.00	1.07	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	93	5205	1.00	1.03	
15 Ethyl ether	59	1.340	1.340	0.000	82	3277	1.00	1.11	
16 Ethanol	45	1.422	1.431	-0.009	81	1685	40.0	47.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	78	4985	1.00	1.06	M
17 1,1-Dichloroethene	96	1.439	1.439	0.000	98	3693	1.00	1.09	
19 Carbon disulfide	76	1.455	1.455	0.000	99	10675	1.00	1.00	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	58	3106	1.00	1.11	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	95	6010	1.00	1.16	
22 Iodomethane	142	1.521	1.513	0.008	97	3355	1.00	0.7232	
23 Cyclopentene	67	1.595	1.595	0.000	96	8800	1.00	1.07	
24 Acrolein	56	1.628	1.628	0.000	27	957	4.00	4.94	M
25 3-Chloro-1-propene	76	1.694	1.694	0.000	90	2354	1.00	1.08	
26 Isopropyl alcohol	45	1.727	1.727	0.000	49	2293	10.0	11.5	
27 Methylene Chloride	84	1.752	1.752	0.000	86	4653	1.00	1.15	
28 Acetone	58	1.785	1.785	0.000	90	1778	5.00	5.68	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	94	4280	1.00	1.09	
30 Methyl acetate	74	1.859	1.859	0.000	98	1252	2.00	1.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.883	1.883	0.000	60	576	1.00	1.28	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	71	11235	1.00	1.01	
* 33 TBA-d9 (IS)	65	1.933	1.941	-0.008	99	322134	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.982	1.982	0.000	72	4932	10.0	12.3	
35 Acetonitrile	41	2.056	2.056	0.000	95	4065	10.0	10.9	
36 Isopropyl ether	45	2.138	2.138	0.000	94	10036	1.00	1.02	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	87	3472	1.00	1.02	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	96	6859	1.00	1.06	
39 Acrylonitrile	53	2.245	2.245	0.000	94	12559	10.0	10.2	
40 Tert-butyl ethyl ether	59	2.369	2.369	0.000	93	10799	1.00	1.03	
41 Vinyl acetate	86	2.385	2.377	0.008	98	1590	2.00	2.02	
42 cis-1,2-Dichloroethene	96	2.558	2.550	0.008	95	4321	1.00	1.11	
43 2,2-Dichloropropane	77	2.616	2.624	-0.008	92	5291	1.00	1.12	
44 Cyclohexane	56	2.673	2.673	0.000	88	3140	1.00	1.07	
45 Chlorobromomethane	128	2.690	2.690	0.000	79	1906	1.00	0.99	
46 Chloroform	83	2.747	2.747	0.000	96	6482	1.00	1.05	
47 Carbon tetrachloride	117	2.830	2.830	0.000	85	3673	1.00	0.9659	
49 Ethyl acetate	70	2.854	2.854	0.000	95	716	2.00	1.80	
48 Methyl acrylate	55	2.863	2.854	0.009	46	1874	1.00	0.7328	
50 Tetrahydrofuran	42	2.863	2.863	0.000	41	2487	2.00	2.06	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	36	4930	1.00	1.00	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	96	151149	50.0	49.8	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	99	260228	250.0	250.0	
54 1,1-Dichloropropene	75	2.978	2.970	0.008	50	6008	1.00	1.30	
55 2-Butanone (MEK)	72	2.986	2.986	0.000	58	2150	5.00	4.68	
56 Isooctane	57	3.060	3.060	0.000	95	6847	1.00	1.01	
57 n-Heptane	57	3.151	3.142	0.009	45	1138	1.00	1.10	
58 Benzene	78	3.167	3.159	0.008	96	13482	1.00	1.02	
59 Propionitrile	54	3.208	3.200	0.008	56	4063	10.0	9.01	
60 Methacrylonitrile	67	3.217	3.217	0.000	91	12051	10.0	8.60	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	183106	50.0	51.0	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	95	9725	1.00	0.9863	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	17	4893	1.00	1.04	
64 Isobutyl alcohol	43	3.414	3.406	0.008	83	2214	25.0	19.1	
65 t-Amyl alcohol	59	3.488	3.480	0.008	18	2619	10.0	10.1	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	536646	50.0	50.0	
67 Isopropyl acetate	43	3.587	3.579	0.008	50	4876	1.00	0.9204	
68 Methylcyclohexane	83	3.628	3.620	0.008	50	2964	1.00	1.18	
69 Trichloroethene	95	3.653	3.644	0.009	91	3497	1.00	1.03	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	95	7782	1.00	1.01	
71 Dibromomethane	93	4.023	4.015	0.008	89	2643	1.00	1.16	
72 n-Butanol	56	4.064	4.039	0.025	61	937	25.0	25.3	a
73 1,2-Dichloropropane	63	4.114	4.105	0.009	73	2957	1.00	0.9174	
74 Dichlorobromomethane	83	4.196	4.188	0.008	94	4228	1.00	0.9471	
75 Ethyl acrylate	55	4.204	4.188	0.016	87	2784	1.00	0.7661	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	98	33384	1000.0	1000.0	
77 Methyl methacrylate	100	4.402	4.385	0.017	52	1848	2.00	1.93	
78 1,4-Dioxane	88	4.410	4.402	0.008	27	2162	50.0	53.7	M
79 n-Propyl acetate	43	4.558	4.542	0.016	77	3558	1.00	0.9382	
80 2-Chloroethyl vinyl ether	63	4.821	4.805	0.016	51	1572	1.00	0.7802	
81 cis-1,3-Dichloropropene	75	4.838	4.830	0.008	91	4345	1.00	0.8586	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	554712	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.076	5.076	0.000	92	14480	1.00	1.05	
84 Epichlorohydrin	57	5.126	5.118	0.008	30	4009	20.0	14.5	
85 2-Nitropropane	41	5.356	5.348	0.008	77	1413	2.00	1.93	
86 Tetrachloroethene	166	5.488	5.496	-0.008	88	2308	1.00	1.03	
87 4-Methyl-2-pentanone (MIBK)	43	5.554	5.554	0.000	94	13096	5.00	4.68	
88 trans-1,3-Dichloropropene	75	5.595	5.578	0.017	75	3996	1.00	0.8522	
89 1,1,2-Trichloroethane	83	5.760	5.751	0.009	91	2368	1.00	0.9601	
90 Ethyl methacrylate	69	5.842	5.834	0.008	84	3922	1.00	0.9732	
91 Chlorodibromomethane	129	5.949	5.941	0.008	93	2774	1.00	0.8872	
92 1,3-Dichloropropane	76	6.072	6.064	0.008	95	4472	1.00	0.8920	
93 Ethylene Dibromide	107	6.204	6.187	0.017	87	3131	1.00	0.99	
94 n-Butyl acetate	43	6.550	6.541	0.009	87	3680	1.00	0.9570	
95 2-Hexanone	43	6.615	6.607	0.008	97	8596	5.00	4.42	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	441101	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	95	8338	1.00	0.9751	
98 Ethylbenzene	106	6.978	6.978	0.000	90	3676	1.00	0.9612	
99 1,1,1,2-Tetrachloroethane	133	7.010	7.002	0.008	78	2487	1.00	0.9311	
100 m-Xylene & p-Xylene	106	7.192	7.200	-0.008	93	4385	1.00	0.9461	
101 o-Xylene	106	7.776	7.784	-0.008	91	4226	1.00	0.8909	
102 Bromoform	173	7.850	7.842	0.008	55	1328	1.00	0.7392	
103 Styrene	104	7.875	7.866	0.009	98	7262	1.00	0.8624	
104 n-Butyl acrylate	73	8.204	8.195	0.009	29	1246	1.00	1.03	a
105 Isopropylbenzene	105	8.261	8.261	0.000	95	8966	1.00	0.9692	
106 Amyl acetate (mixed isomers)	43	8.623	8.607	0.016	37	3844	1.00	1.00	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	88	137579	50.0	49.3	
108 Bromobenzene	156	8.747	8.747	0.000	95	3401	1.00	1.02	
109 N-Propylbenzene	91	8.895	8.895	0.000	98	9568	1.00	0.9836	
110 1,1,2,2-Tetrachloroethane	83	9.051	9.043	0.008	75	3505	1.00	0.9711	
111 2-Chlorotoluene	91	9.068	9.068	0.000	95	8236	1.00	1.02	
112 4-Ethyltoluene	105	9.084	9.084	0.000	74	7748	1.00	0.9748	M
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	74	1106	1.00	0.9560	
114 1,3,5-Trimethylbenzene	105	9.241	9.241	0.000	51	5399	1.00	0.8623	
115 trans-1,4-Dichloro-2-butene	75	9.331	9.315	0.016	44	1225	1.00	0.8654	
116 4-Chlorotoluene	91	9.348	9.331	0.017	95	7531	1.00	0.9743	
117 tert-Butylbenzene	119	9.702	9.702	0.000	93	5358	1.00	1.00	
119 1,2,4-Trimethylbenzene	105	9.841	9.833	0.008	94	6512	1.00	1.02	
118 Butyl Methacrylate	87	9.858	9.841	0.017	52	1703	1.00	1.02	
120 sec-Butylbenzene	105	9.998	9.990	0.008	98	7395	1.00	1.00	
121 1,3-Dichlorobenzene	146	10.261	10.253	0.008	94	4924	1.00	1.04	
122 4-Isopropyltoluene	119	10.261	10.269	-0.008	92	5508	1.00	0.9480	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	96	161325	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.418	10.409	0.009	34	5399	1.00	1.08	a
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	97	6928	1.00	0.99	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	8455	1.00	0.9519	
128 Benzyl chloride	126	10.854	10.870	-0.016	92	689	1.00	0.8674	Ma
127 p-Diethylbenzene	119	10.878	10.878	0.000	64	2477	1.00	0.9083	
129 n-Butylbenzene	92	10.969	10.969	0.000	60	2364	1.00	0.9658	
130 1,2-Dichlorobenzene	146	11.092	11.084	0.008	91	4526	1.00	0.9110	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	94	6708	1.00	1.14	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	56	578	1.00	0.7462	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	92	2106	1.00	0.9814	
134 1,2,4-Trichlorobenzene	180	12.566	12.565	0.001	88	2098	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.574	12.565	0.009	70	813	1.00	0.8600	
136 Naphthalene	128	12.779	12.779	0.000	98	9187	1.00	1.12	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	92	2026	1.00	0.9768	
S 138 1,2-Dichloroethene, Total	100				0		2.00	2.20	
S 139 1,3-Dichloropropene, Total	100				0		2.00	1.71	
S 140 Xylenes, Total	100				0		2.00	1.84	
S 141 Total BTEX	1				0		5.00	4.87	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00122	Amount Added:	10.00	Units: uL	
GASES Li_00381	Amount Added:	10.00	Units: uL	
14DIOXINTER_00118	Amount Added:	30.00	Units: uL	
524freon_00025	Amount Added:	10.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2020 13:26:17 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D

Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5 Operator ID:

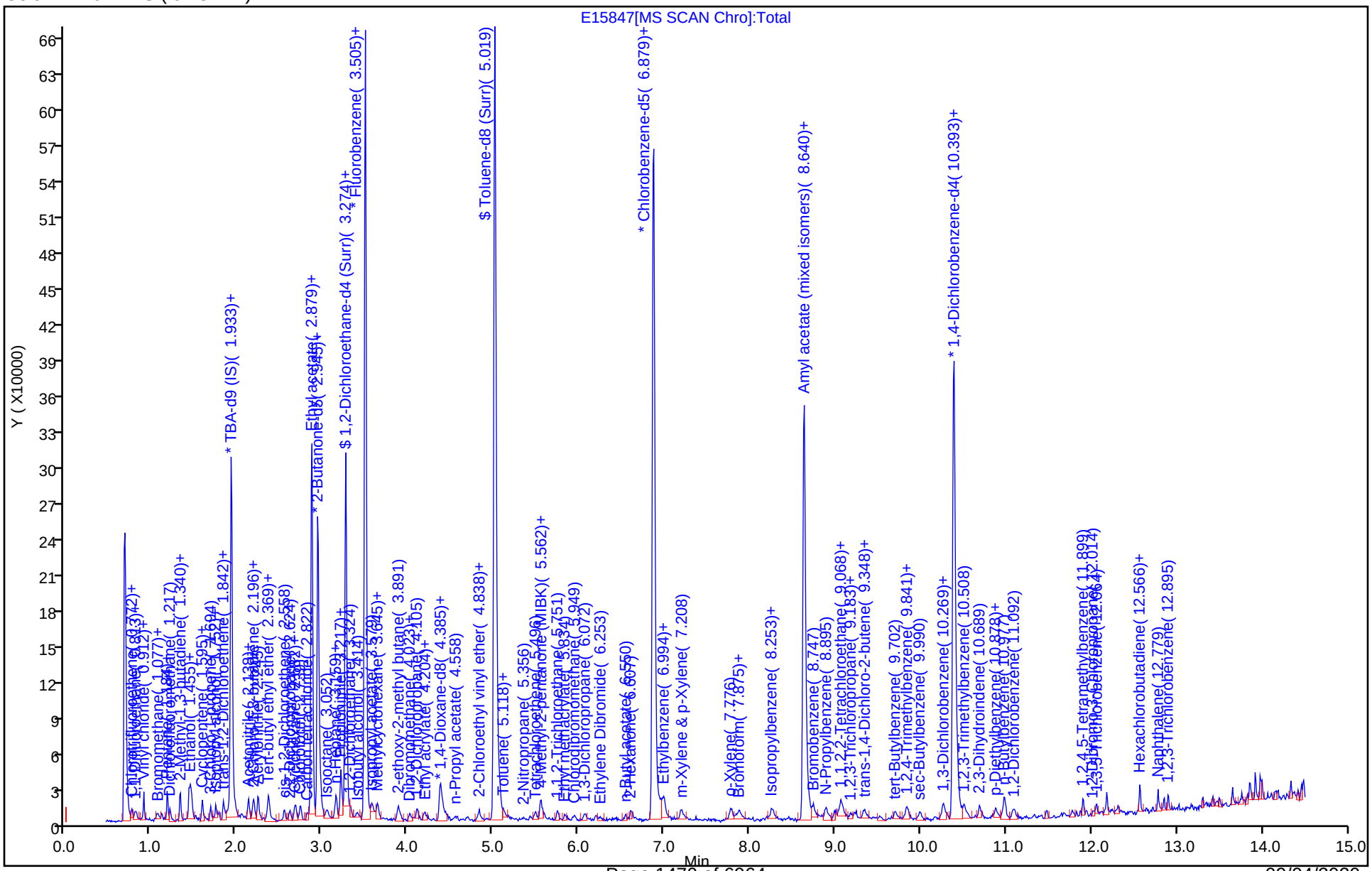
Lims ID: STD1 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

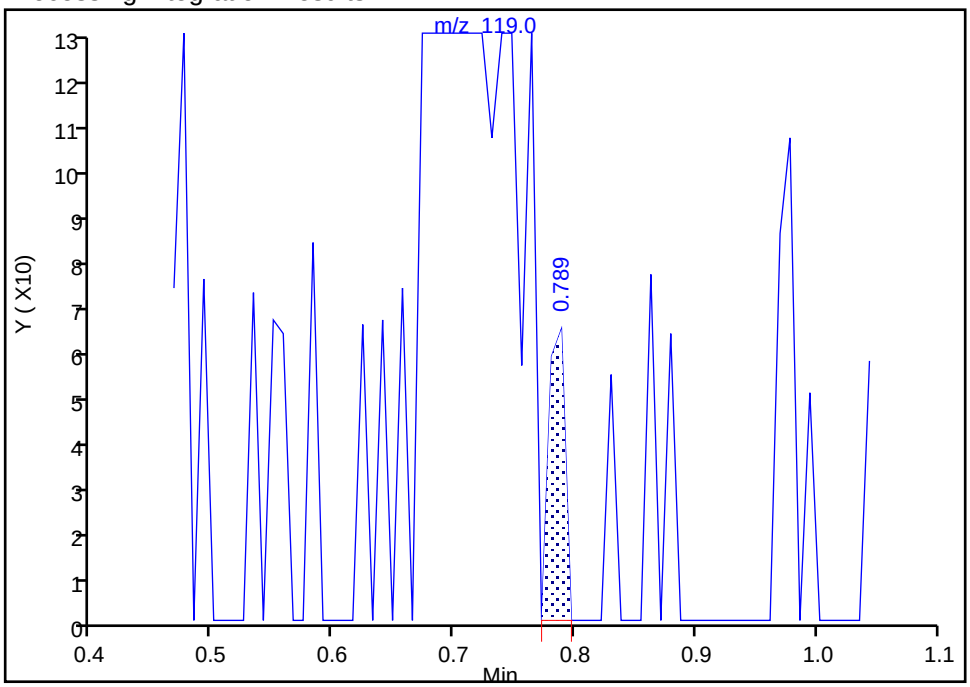
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

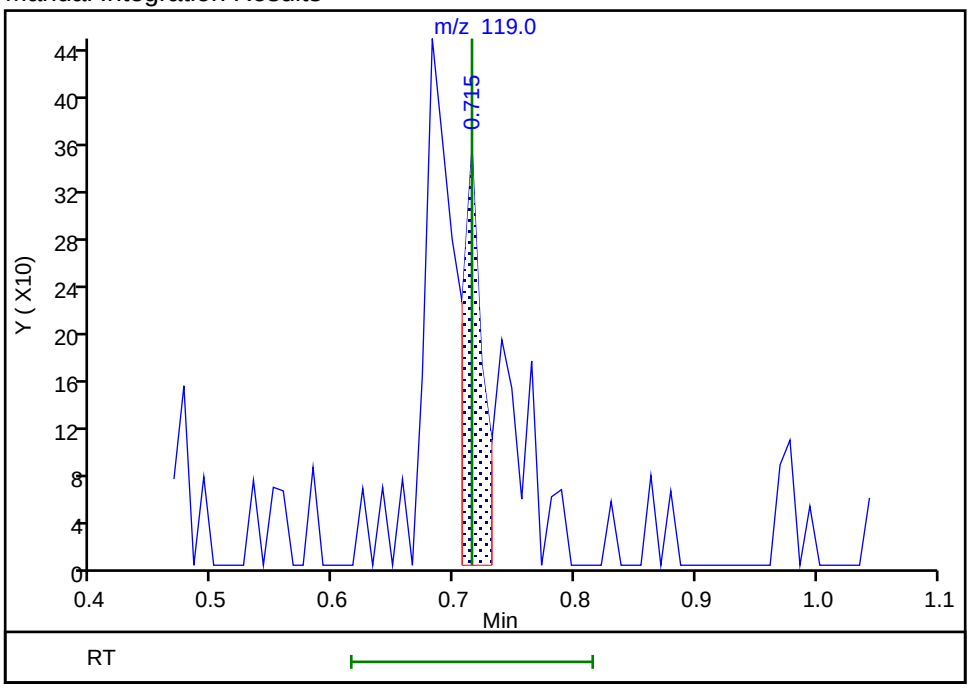
Processing Integration Results

RT: 0.79
Area: 60
Amount: 0.176658
Amount Units: ug/l



Manual Integration Results

RT: 0.71
Area: 421
Amount: 1.123200
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 09:37:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

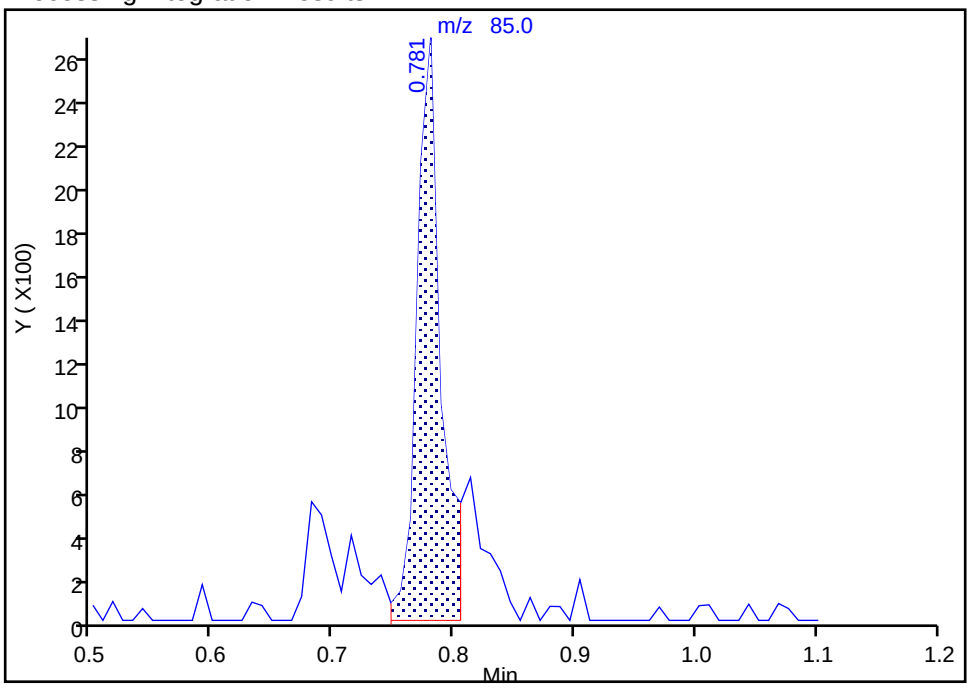
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

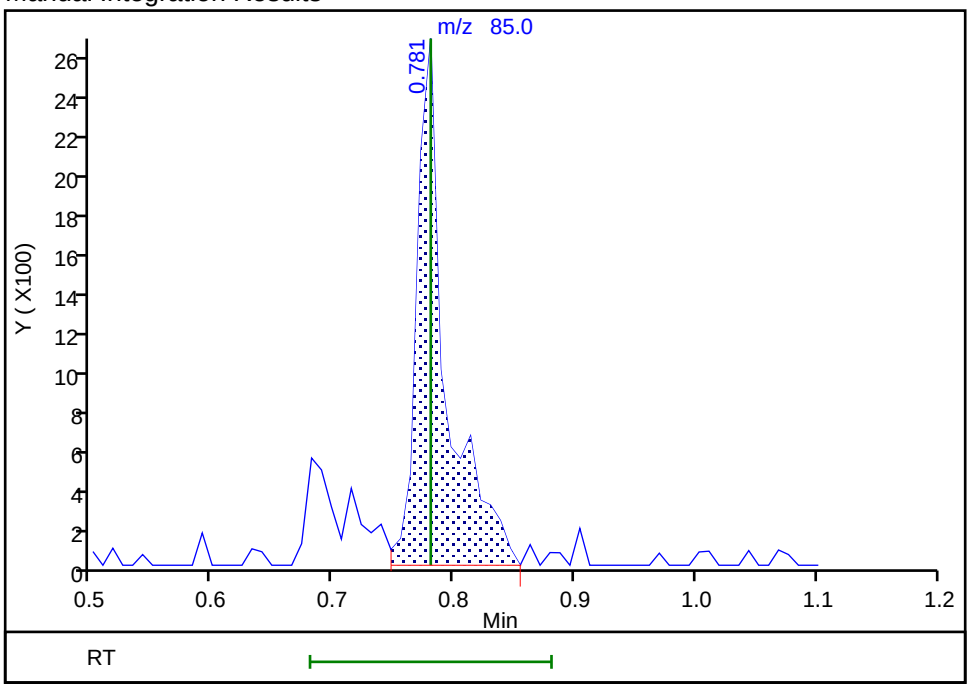
Processing Integration Results

RT: 0.78
Area: 3725
Amount: 0.884418
Amount Units: ug/l



Manual Integration Results

RT: 0.78
Area: 4513
Amount: 1.065396
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:54:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

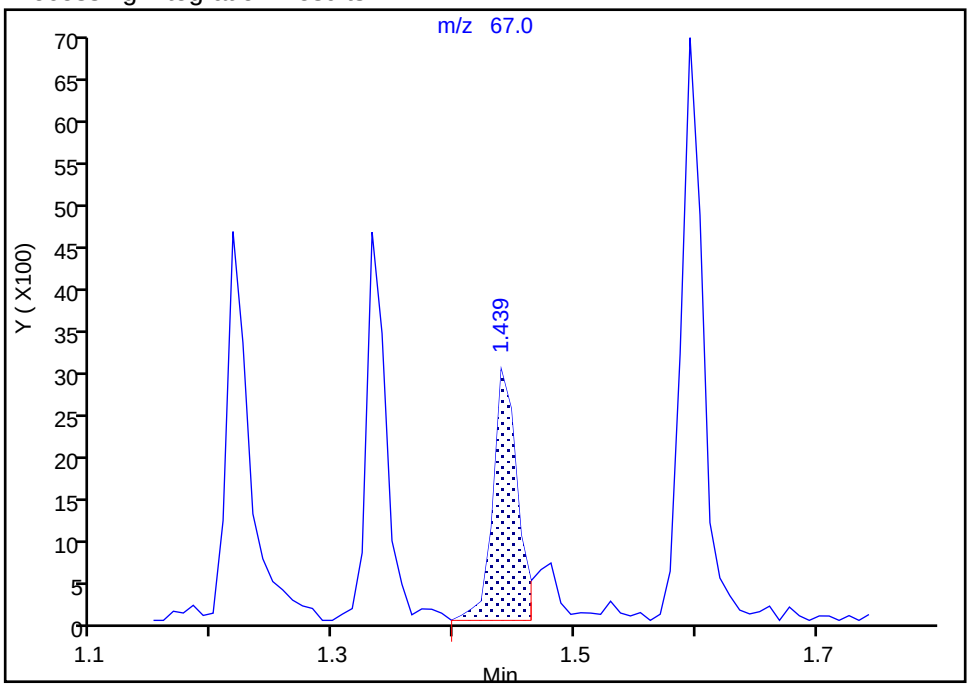
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

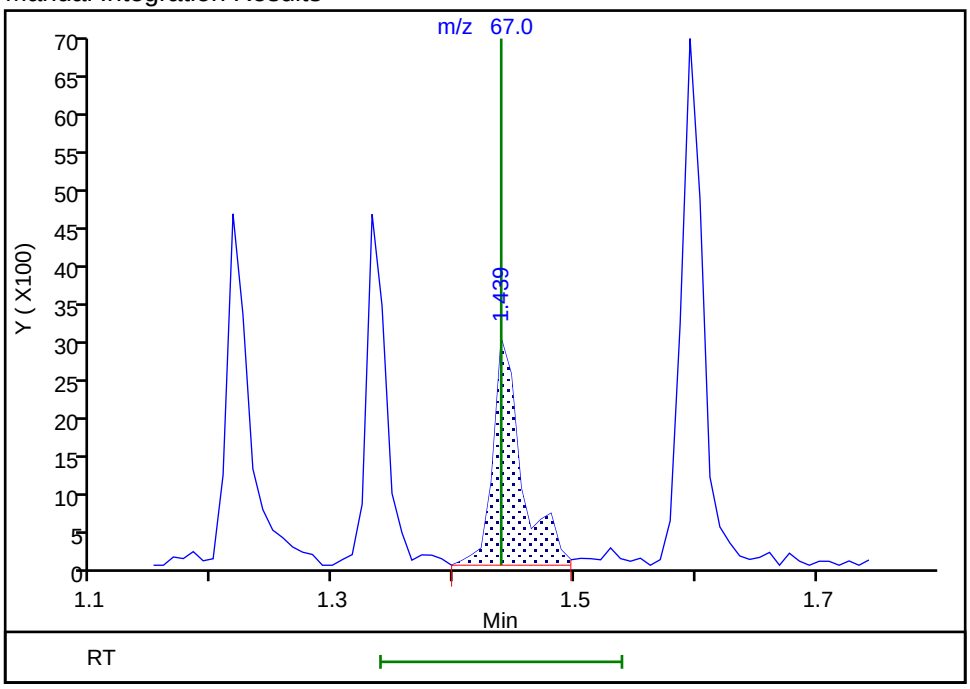
Processing Integration Results

RT: 1.44
Area: 4216
Amount: 0.976688
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 4985
Amount: 1.057922
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:55:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

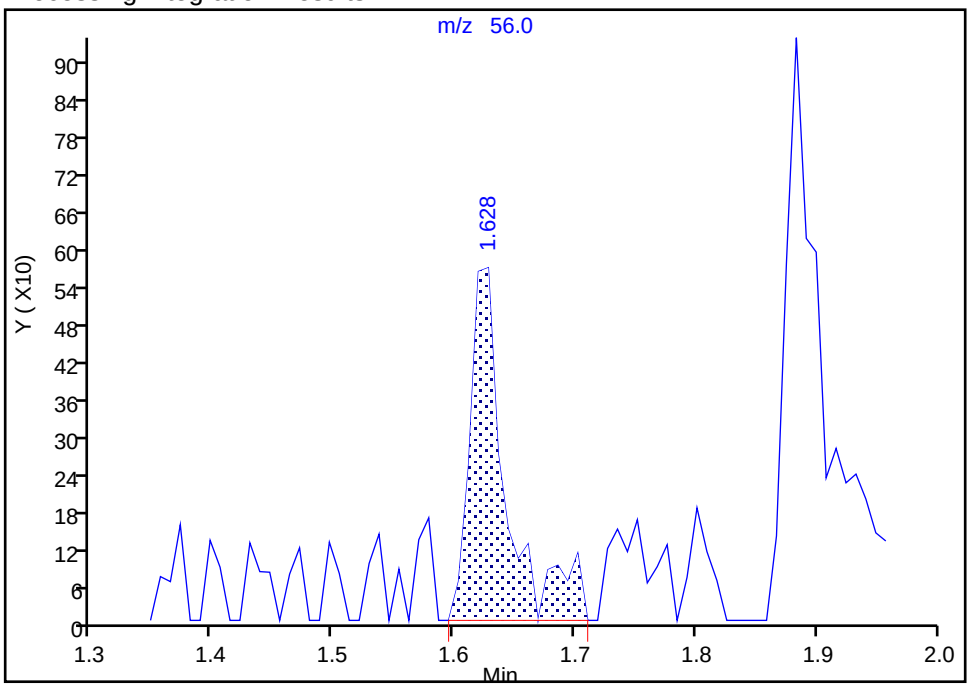
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

24 Acrolein, CAS: 107-02-8

Signal: 1

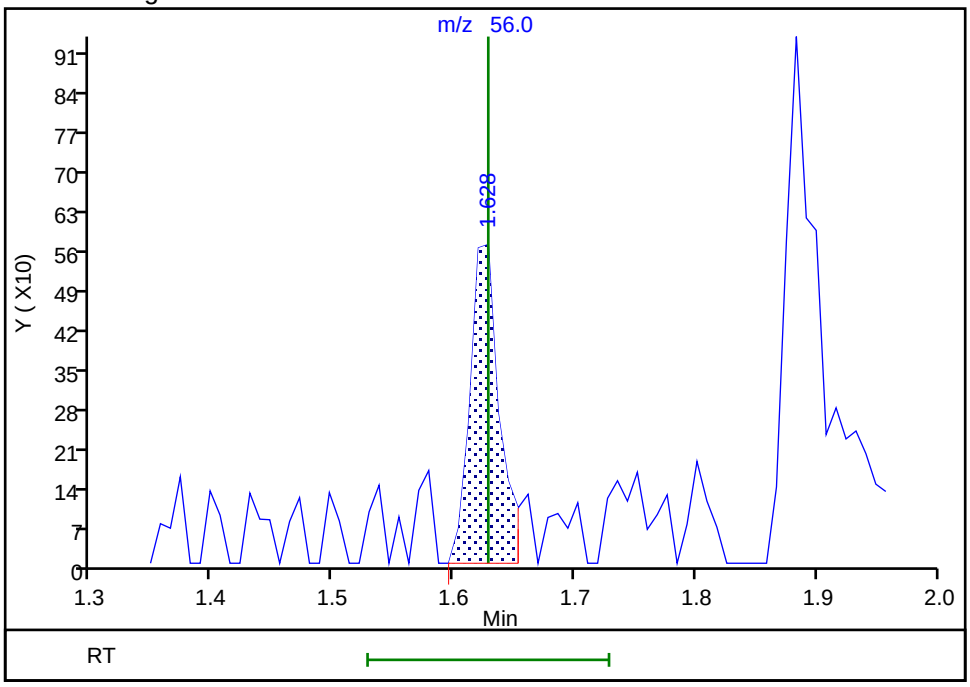
Processing Integration Results

RT: 1.63
Area: 1184
Amount: 7.195613
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 957
Amount: 4.936932
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 12:28:02
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

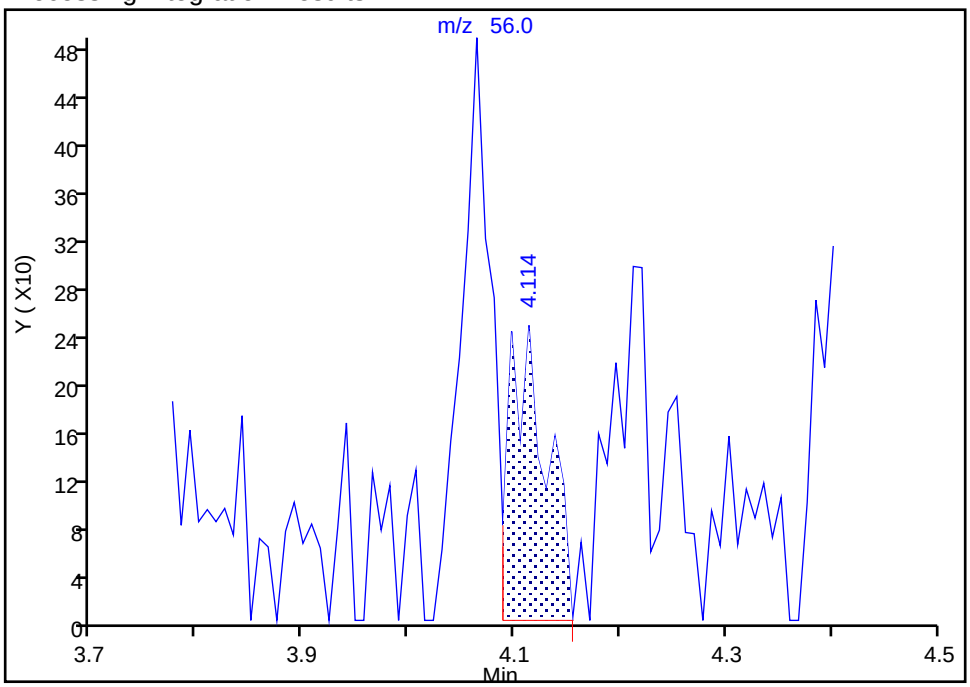
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 1

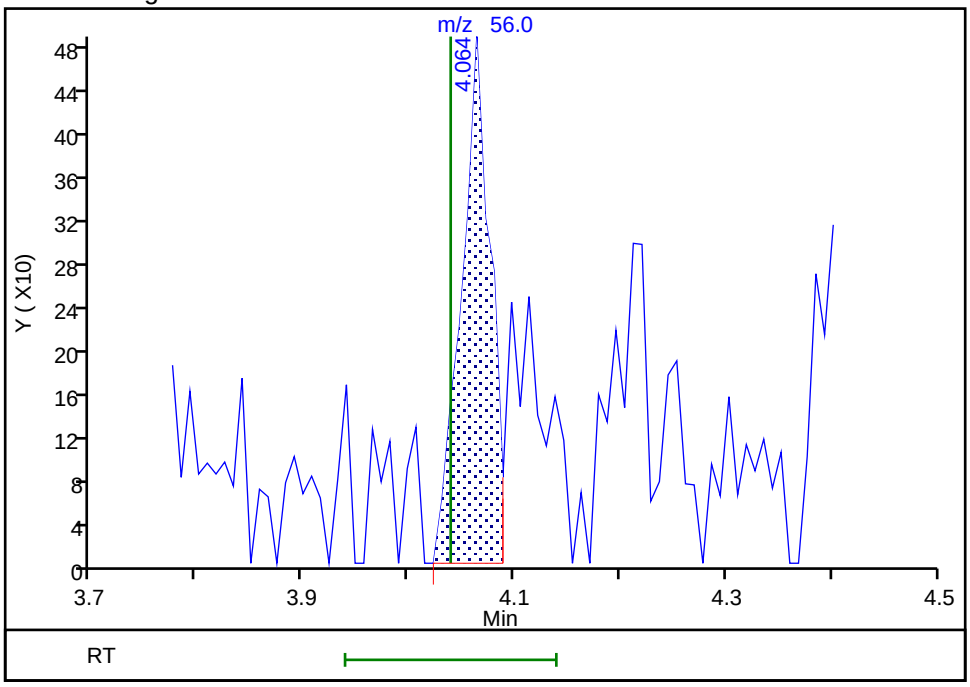
Processing Integration Results

RT: 4.11
Area: 601
Amount: 15.342375
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 937
Amount: 25.348704
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 09:38:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

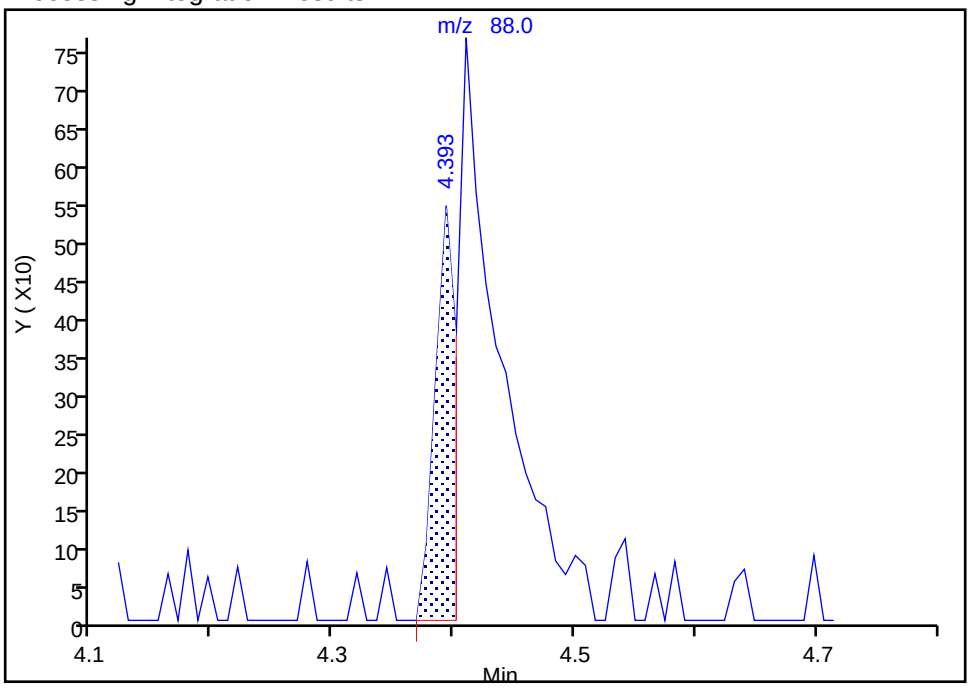
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

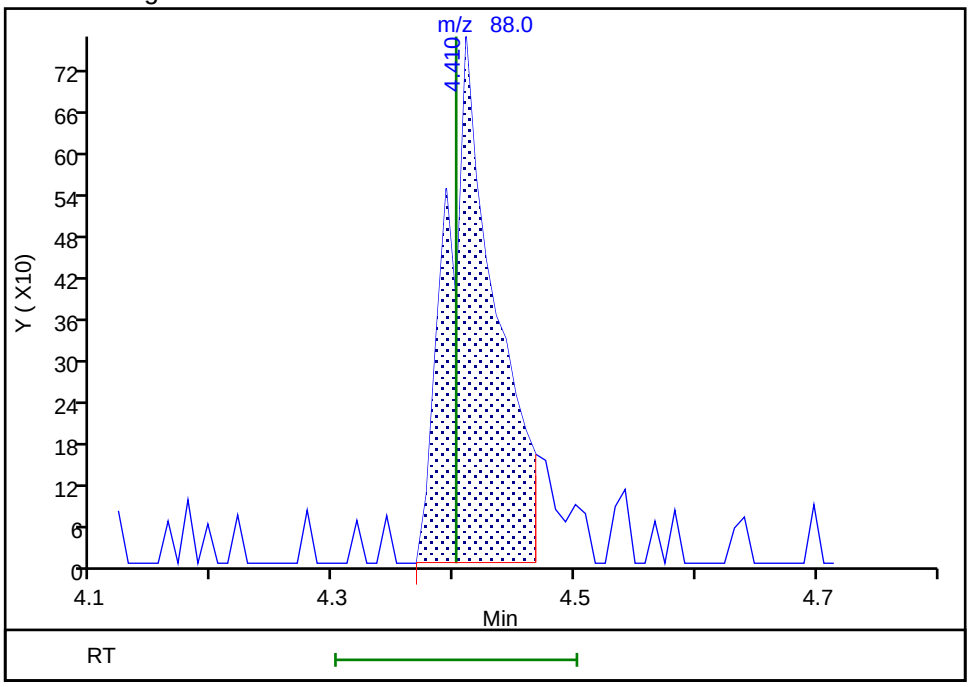
Processing Integration Results

RT: 4.39
Area: 666
Amount: 19.061324
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 2162
Amount: 53.709271
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 09:38:43
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

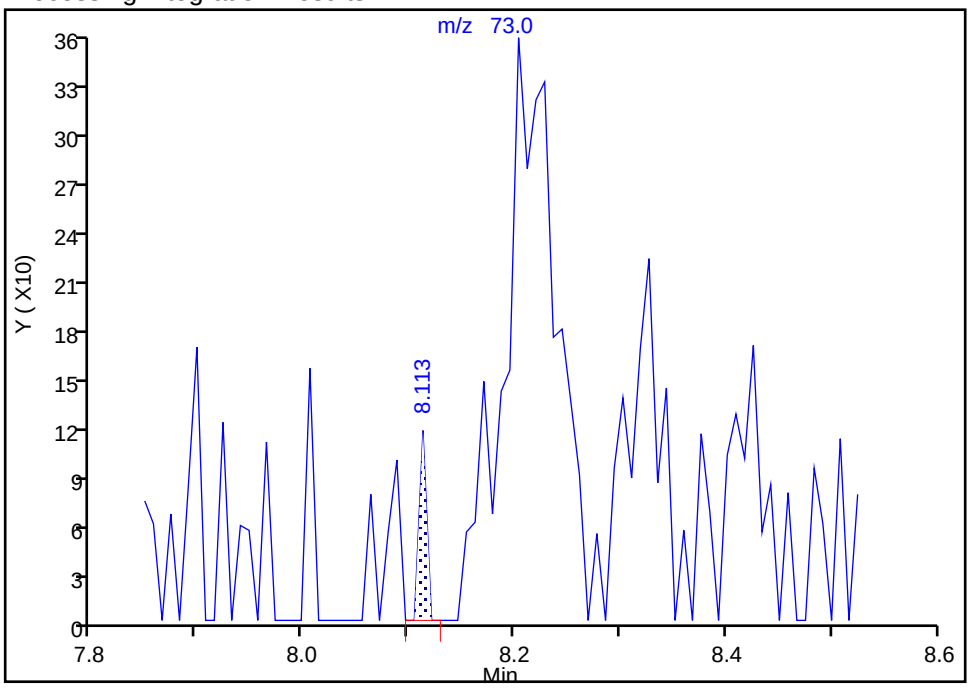
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

104 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

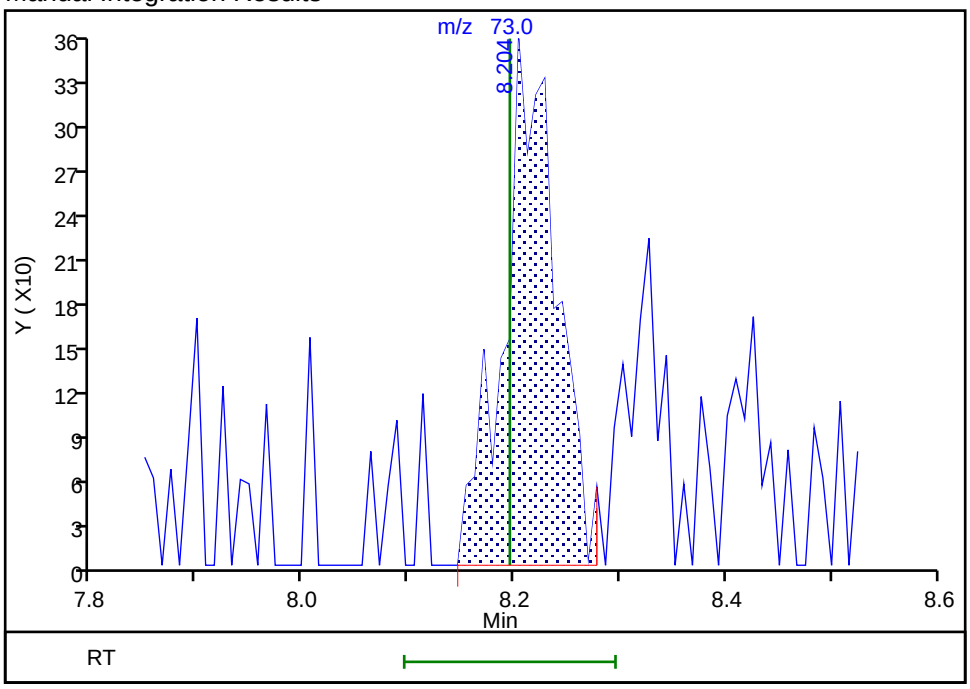
Processing Integration Results

RT: 8.11
Area: 57
Amount: 0.064055
Amount Units: ug/l



Manual Integration Results

RT: 8.20
Area: 1246
Amount: 1.025549
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 09:39:17
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

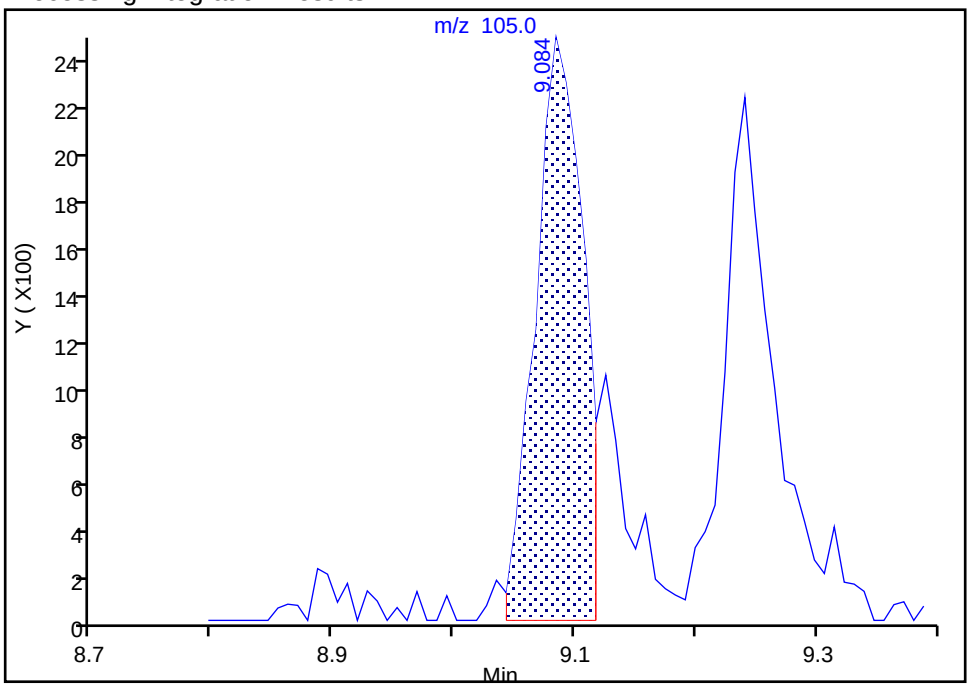
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

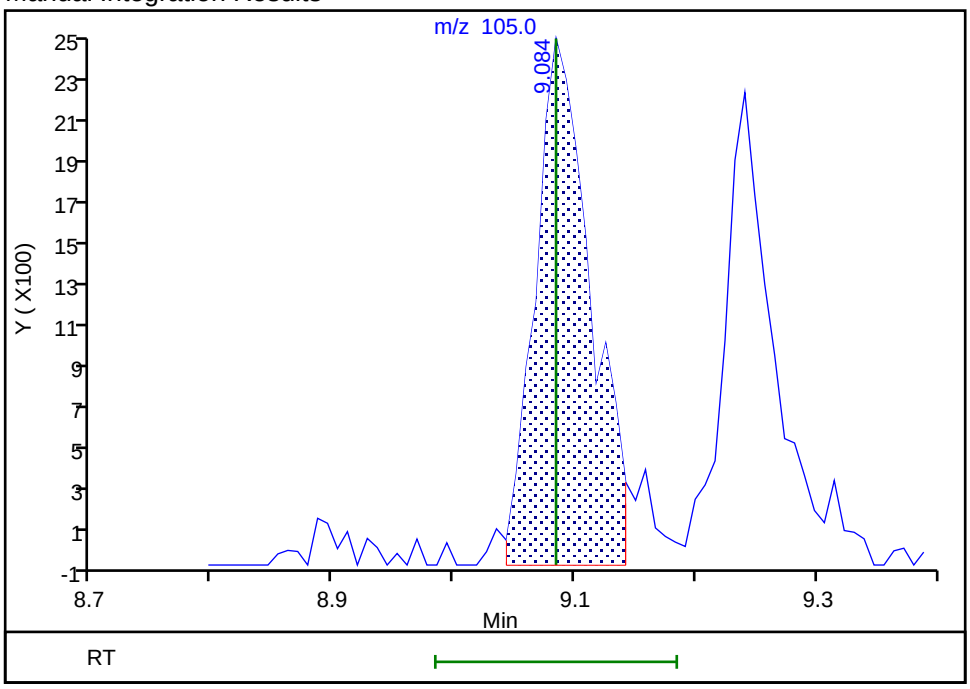
Processing Integration Results

RT: 9.08
Area: 6685
Amount: 0.836155
Amount Units: ug/l



Manual Integration Results

RT: 9.08
Area: 7748
Amount: 0.974789
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:56:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

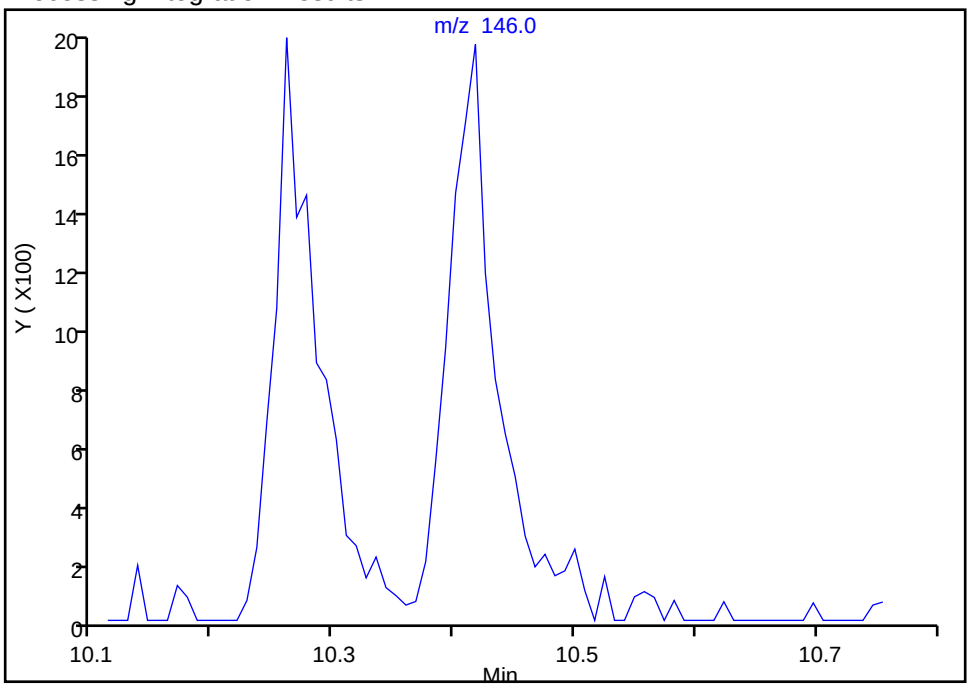
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

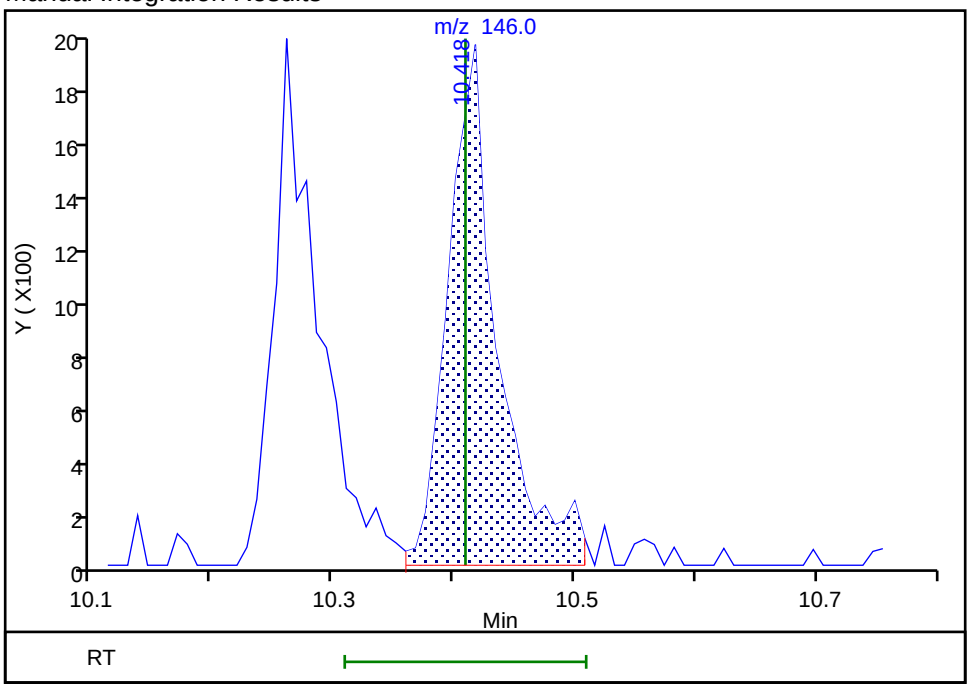
Not Detected
Expected RT: 10.41

Processing Integration Results



Manual Integration Results

RT: 10.42
Area: 5399
Amount: 1.075448
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 09:39:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

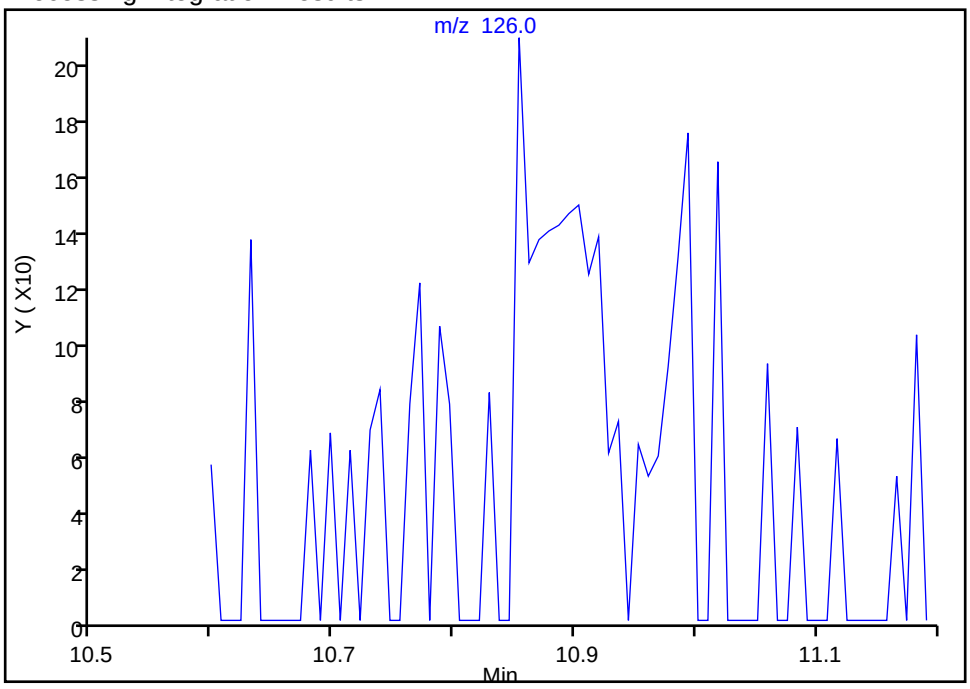
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15847.D
Injection Date: 13-Aug-2020 07:34:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

128 Benzyl chloride, CAS: 100-44-7

Signal: 1

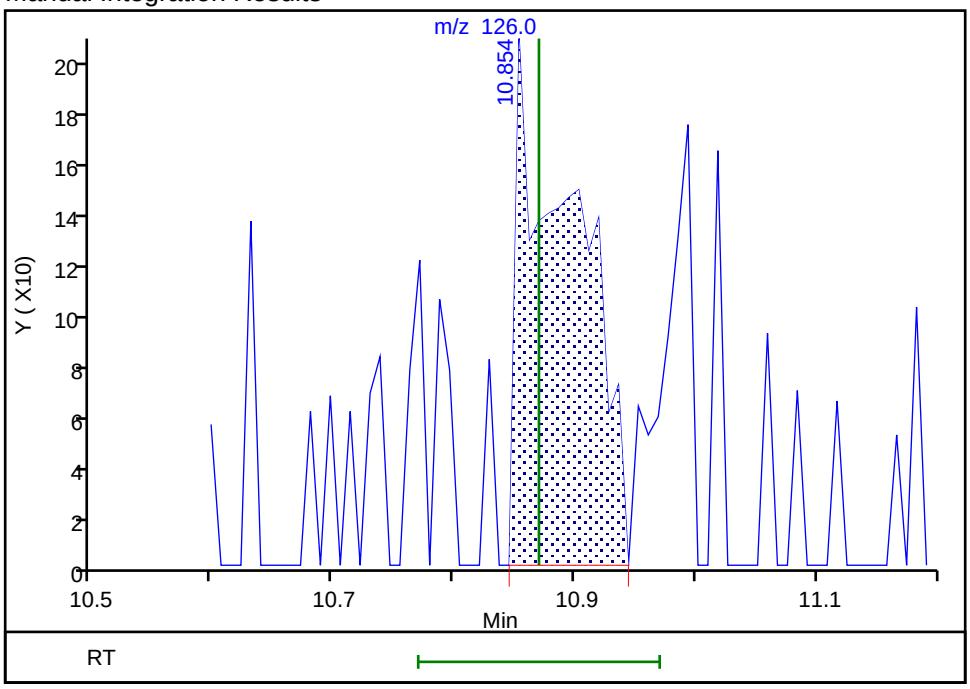
Not Detected
Expected RT: 10.87

Processing Integration Results



Manual Integration Results

RT: 10.85
Area: 689
Amount: 0.867351
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:56:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15848.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 13-Aug-2020 08:00:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0114977-006
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:26:34 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: tupayachia Date: 13-Aug-2020 09:35:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.715	0.715	0.000	29	1967	5.00	5.27	a
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	85	5877	5.00	8.88	
3 Dichlorodifluoromethane	85	0.781	0.781	-0.001	98	21896	5.00	5.20	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	91	7600	5.00	6.86	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	96	3696	5.00	6.04	
7 Vinyl chloride	62	0.904	0.904	0.000	82	19602	5.00	4.81	
8 Butadiene	54	0.912	0.912	0.000	90	16592	5.00	4.68	
6 Chloromethane	50	0.912	0.912	0.000	72	24320	5.00	4.81	
9 Bromomethane	94	1.060	1.060	0.000	98	13571	5.00	5.29	
10 Chloroethane	64	1.126	1.118	0.008	98	10695	5.00	4.78	
12 Pentane	72	1.184	1.184	0.000	97	4339	10.0	10.8	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	97	25474	5.00	4.89	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	27623	5.00	4.74	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	94	26319	5.00	5.22	
15 Ethyl ether	59	1.340	1.340	0.000	93	15413	5.00	5.23	
16 Ethanol	45	1.431	1.431	0.000	52	6302	200.0	187.2	
17 1,1-Dichloroethene	96	1.439	1.439	0.000	95	17984	5.00	5.33	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	77	25301	5.00	5.40	M
19 Carbon disulfide	76	1.455	1.455	0.000	99	51315	5.00	4.84	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	92	14501	5.00	5.23	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	92	27506	5.00	5.32	
22 Iodomethane	142	1.521	1.513	0.008	97	19881	5.00	4.31	
23 Cyclopentene	67	1.595	1.595	0.000	95	42293	5.00	5.15	
24 Acrolein	56	1.620	1.628	-0.008	94	3474	20.0	19.0	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	89	11094	5.00	5.13	
26 Isopropyl alcohol	45	1.719	1.727	-0.008	70	9877	50.0	52.4	
27 Methylene Chloride	84	1.752	1.752	0.000	81	20704	5.00	5.13	
28 Acetone	58	1.785	1.785	0.000	90	8391	25.0	27.4	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	91	20913	5.00	5.36	
30 Methyl acetate	74	1.859	1.859	0.000	96	6837	10.0	10.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.875	1.883	-0.008	73	1901	5.00	4.49	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	92	57425	5.00	5.18	
* 33 TBA-d9 (IS)	65	1.933	1.941	-0.008	99	303795	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.982	1.982	0.000	100	18767	50.0	49.8	
35 Acetonitrile	41	2.056	2.056	0.000	99	18155	50.0	51.8	
36 Isopropyl ether	45	2.138	2.138	0.000	94	49894	5.00	5.11	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	88	17424	5.00	5.15	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	98	33652	5.00	5.24	
39 Acrylonitrile	53	2.245	2.245	0.000	95	62132	50.0	50.9	
40 Tert-butyl ethyl ether	59	2.361	2.369	-0.008	89	55015	5.00	5.29	
41 Vinyl acetate	86	2.377	2.377	0.000	99	7150	10.0	9.27	
42 cis-1,2-Dichloroethene	96	2.558	2.550	0.008	97	19082	5.00	4.94	
43 2,2-Dichloropropane	77	2.624	2.624	0.000	95	22329	5.00	4.75	
44 Cyclohexane	56	2.673	2.673	0.000	86	14084	5.00	4.83	
45 Chlorobromomethane	128	2.690	2.690	0.000	82	10186	5.00	5.32	
46 Chloroform	83	2.747	2.747	0.000	98	31292	5.00	5.08	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	19105	5.00	5.05	
49 Ethyl acetate	70	2.854	2.854	0.000	98	3748	10.0	9.64	
48 Methyl acrylate	55	2.854	2.854	0.000	85	12738	5.00	5.01	
50 Tetrahydrofuran	42	2.863	2.863	0.000	90	11571	10.0	9.78	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	96	152660	50.0	50.5	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	44	24255	5.00	4.94	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	254886	250.0	250.0	
54 1,1-Dichloropropene	75	2.978	2.970	0.008	95	23746	5.00	5.15	
55 2-Butanone (MEK)	72	2.986	2.986	0.000	96	11797	25.0	26.2	
56 Isooctane	57	3.060	3.060	0.000	98	21068	5.00	4.79	
57 n-Heptane	57	3.142	3.142	0.000	87	5283	5.00	5.14	
58 Benzene	78	3.159	3.159	0.000	95	64272	5.00	4.86	
59 Propionitrile	54	3.208	3.200	0.008	99	20535	50.0	48.3	
60 Methacrylonitrile	67	3.217	3.217	-0.001	91	67218	50.0	48.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	183174	50.0	51.3	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	49	47724	5.00	4.86	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	98	23887	5.00	5.12	
64 Isobutyl alcohol	43	3.406	3.406	0.000	95	12712	125.0	116.2	
65 t-Amyl alcohol	59	3.480	3.480	0.000	34	10732	50.0	43.7	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	533917	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	98	27955	5.00	5.30	
68 Methylcyclohexane	83	3.620	3.620	0.000	84	12160	5.00	4.88	
69 Trichloroethene	95	3.653	3.644	0.009	96	17502	5.00	5.20	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	97	37800	5.00	4.92	
71 Dibromomethane	93	4.023	4.015	0.008	93	11843	5.00	5.21	
72 n-Butanol	56	4.048	4.039	0.009	85	7450	125.0	117.4	
73 1,2-Dichloropropane	63	4.105	4.105	0.000	88	16299	5.00	5.08	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	21352	5.00	4.81	
75 Ethyl acrylate	55	4.196	4.188	0.008	66	16946	5.00	4.69	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	84	31472	1000.0	1000.0	
77 Methyl methacrylate	100	4.393	4.385	0.008	85	8493	10.0	8.89	
78 1,4-Dioxane	88	4.402	4.402	0.000	26	3938	100.0	103.8	M
79 n-Propyl acetate	43	4.550	4.542	0.008	98	18361	5.00	4.87	
80 2-Chloroethyl vinyl ether	63	4.805	4.805	0.000	94	9239	5.01	4.61	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	93	23379	5.00	4.60	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	98	555772	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.076	5.076	0.000	93	70477	5.00	5.07	
84 Epichlorohydrin	57	5.118	5.118	0.000	98	26420	100.0	97.5	
85 2-Nitropropane	41	5.348	5.348	0.000	95	5852	10.0	8.47	
86 Tetrachloroethene	166	5.496	5.496	0.000	93	11802	5.00	5.24	
87 4-Methyl-2-pentanone (MIBK)	43	5.554	5.554	0.000	93	66834	25.0	24.4	
88 trans-1,3-Dichloropropene	75	5.587	5.578	0.009	95	21837	5.00	4.63	
89 1,1,2-Trichloroethane	83	5.751	5.751	0.000	93	12945	5.00	5.22	
90 Ethyl methacrylate	69	5.834	5.834	0.000	85	17585	5.00	4.34	
91 Chlorodibromomethane	129	5.949	5.941	0.008	96	13998	5.00	4.46	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	92	25691	5.00	5.10	
93 Ethylene Dibromide	107	6.196	6.187	0.009	95	16014	5.00	5.06	
94 n-Butyl acetate	43	6.541	6.541	0.000	96	16613	5.00	4.30	
95 2-Hexanone	43	6.615	6.607	0.008	94	45759	25.0	24.0	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	443264	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	96	43599	5.00	5.07	
98 Ethylbenzene	106	6.986	6.978	0.008	98	19075	5.00	4.96	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	91	13311	5.00	4.96	
100 m-Xylene & p-Xylene	106	7.191	7.200	-0.009	97	22246	5.00	4.78	
101 o-Xylene	106	7.784	7.784	0.000	94	24964	5.00	5.24	
102 Bromoform	173	7.842	7.842	0.000	61	8091	5.00	4.57	
103 Styrene	104	7.875	7.866	0.008	96	41541	5.00	4.91	
104 n-Butyl acrylate	73	8.204	8.195	0.009	96	7115	5.00	4.36	
105 Isopropylbenzene	105	8.261	8.261	0.000	96	44049	5.00	4.74	
106 Amyl acetate (mixed isomers)	43	8.615	8.607	0.008	81	15379	5.00	4.05	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	87	136860	50.0	48.8	
108 Bromobenzene	156	8.747	8.747	0.000	98	16247	5.00	4.94	
109 N-Propylbenzene	91	8.895	8.895	0.000	99	47637	5.00	4.97	
110 1,1,2,2-Tetrachloroethane	83	9.051	9.043	0.008	97	18005	5.00	5.06	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	41366	5.00	5.22	
112 4-Ethyltoluene	105	9.084	9.084	0.000	95	36944	5.00	4.71	
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	96	5869	5.00	5.14	
114 1,3,5-Trimethylbenzene	105	9.241	9.241	0.000	92	31494	5.00	5.10	
115 trans-1,4-Dichloro-2-butene	75	9.323	9.315	0.008	86	5670	5.00	4.06	
116 4-Chlorotoluene	91	9.339	9.331	0.008	98	36508	5.00	4.79	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	26160	5.00	4.94	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	95	29901	5.00	4.73	
118 Butyl Methacrylate	87	9.841	9.841	0.000	60	10368	5.00	4.57	
120 sec-Butylbenzene	105	9.998	9.990	0.008	98	37193	5.00	5.10	
121 1,3-Dichlorobenzene	146	10.261	10.253	0.008	95	23293	5.00	5.01	
122 4-Isopropyltoluene	119	10.269	10.269	0.000	97	26664	5.00	4.65	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	96	159117	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.409	10.409	0.000	94	25497	5.00	5.15	
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	98	33966	5.00	4.94	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	96	44815	5.00	5.12	
128 Benzyl chloride	126	10.878	10.870	0.008	97	3436	5.00	2.88	
127 p-Diethylbenzene	119	10.878	10.878	0.000	67	13501	5.00	5.02	
129 n-Butylbenzene	92	10.969	10.969	0.000	98	11330	5.00	4.69	
130 1,2-Dichlorobenzene	146	11.084	11.084	0.000	95	25820	5.00	5.27	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	97	28912	5.00	4.98	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	92	3781	5.00	4.95	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	94	11494	5.00	5.43	
134 1,2,4-Trichlorobenzene	180	12.565	12.565	0.000	93	10670	5.00	5.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.574	12.565	0.009	89	4955	5.00	5.31	
136 Naphthalene	128	12.779	12.779	0.000	99	44127	5.00	5.44	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	96	11041	5.00	5.40	
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 139 1,3-Dichloropropene, Total	100				0		10.0	9.23	
S 140 Xylenes, Total	100				0		10.0	10.0	
S 141 Total BTEX	1				0		25.0	24.9	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00122	Amount Added:	10.00	Units: uL	
GASES Li_00381	Amount Added:	10.00	Units: uL	
524freon_00025	Amount Added:	10.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2020 13:26:38 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15848.D

Injection Date: 13-Aug-2020 08:00:30 Instrument ID: CVOAMS5 Operator ID:

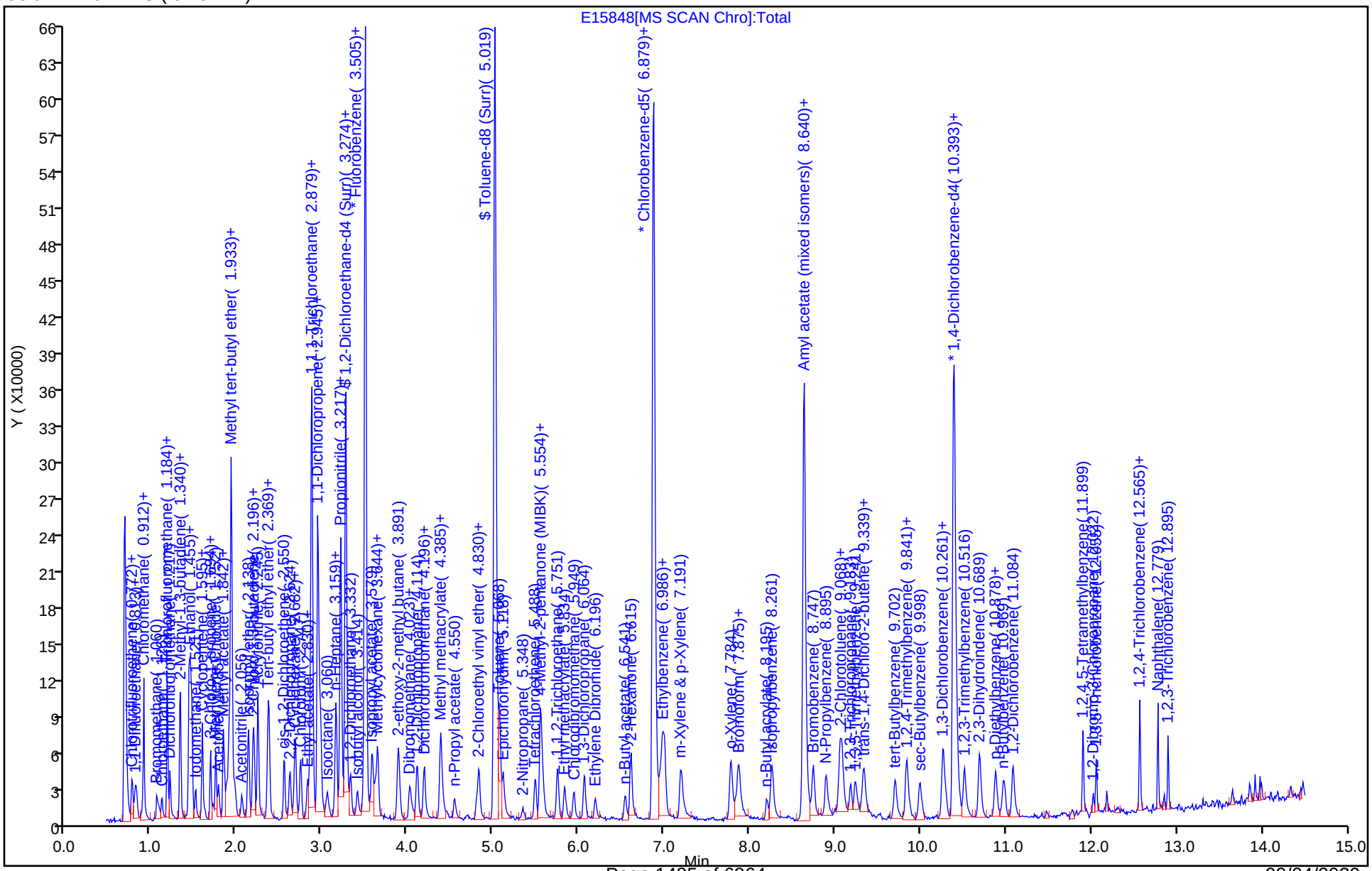
Lims ID: STD5 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

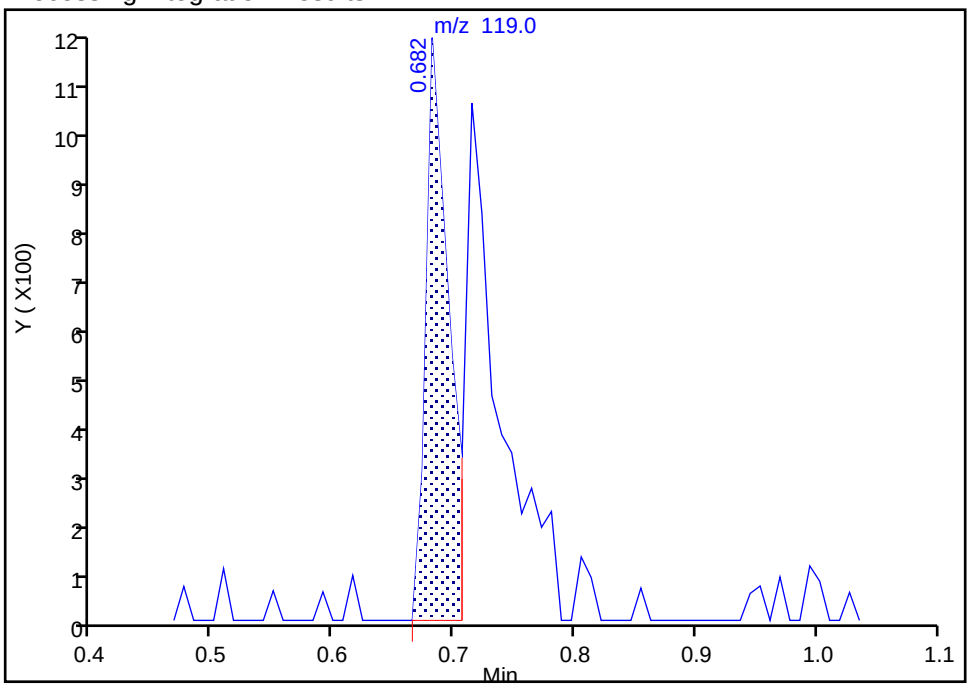
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15848.D
Injection Date: 13-Aug-2020 08:00:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

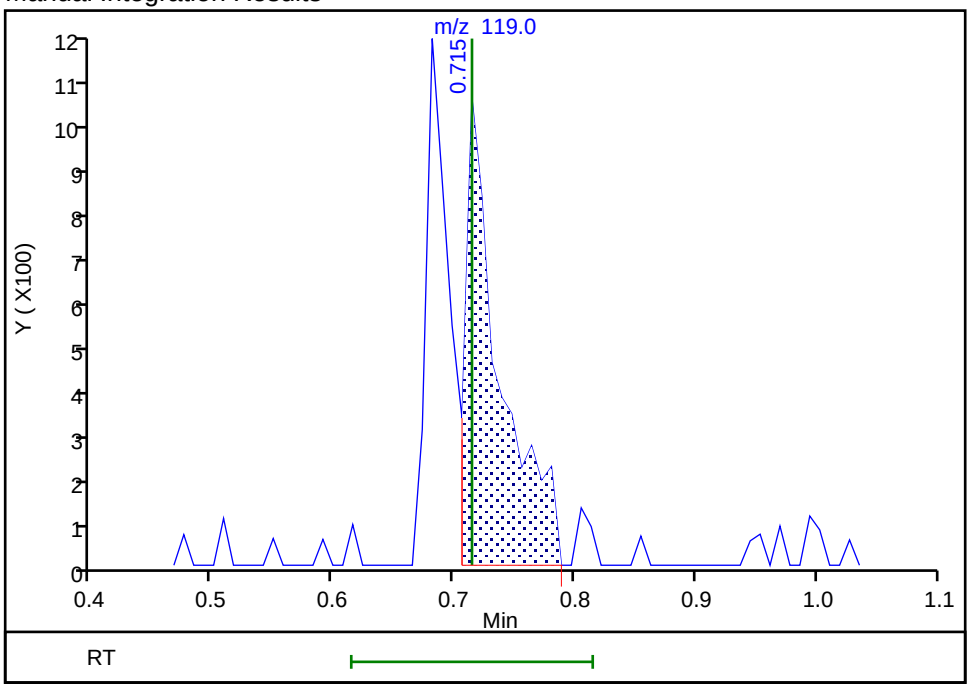
Processing Integration Results

RT: 0.68
Area: 1482
Amount: 14.376001
Amount Units: ug/l



Manual Integration Results

RT: 0.71
Area: 1967
Amount: 5.274647
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 10:12:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

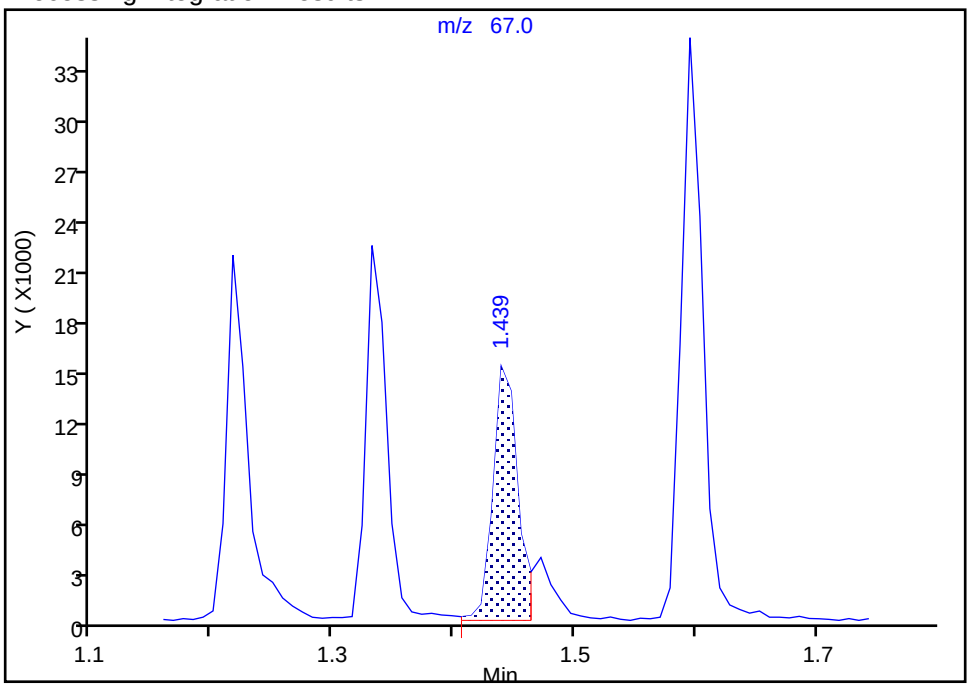
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15848.D
Injection Date: 13-Aug-2020 08:00:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

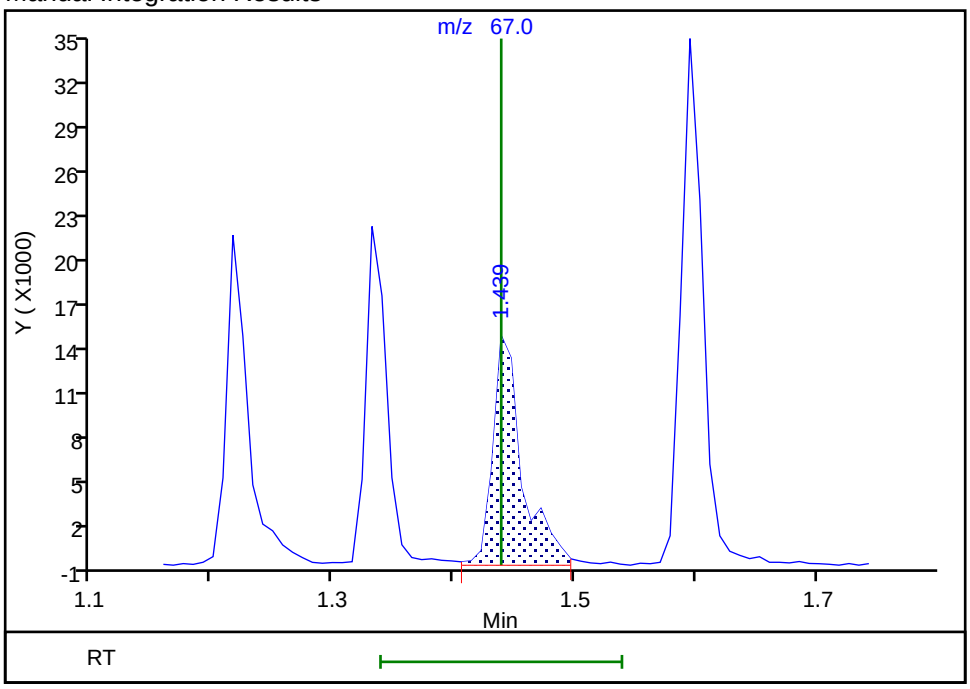
Processing Integration Results

RT: 1.44
Area: 21621
Amount: 4.909429
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 25301
Amount: 5.396852
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:57:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

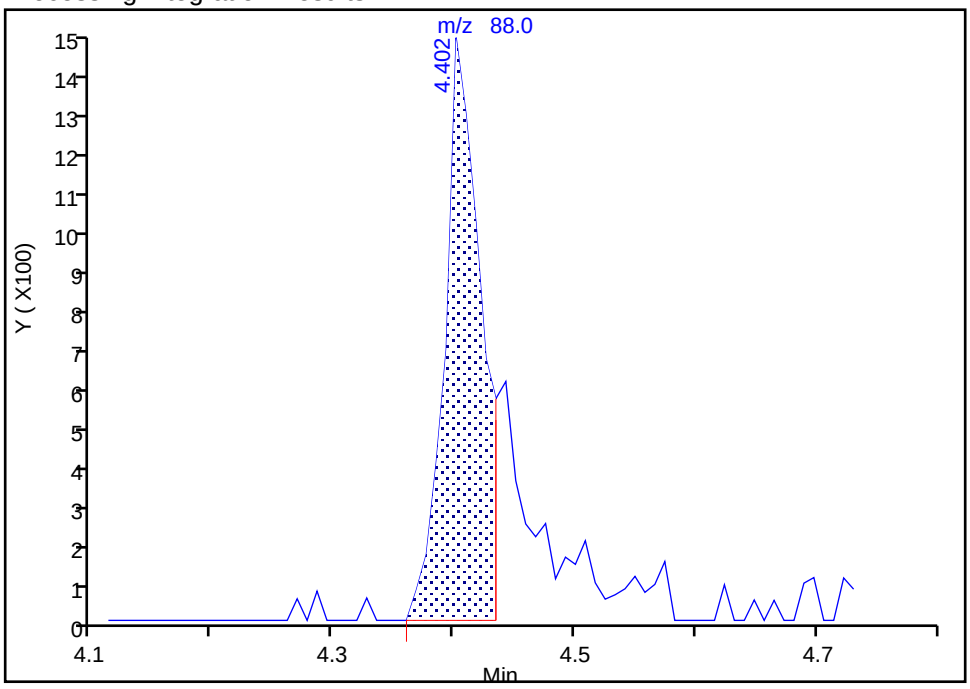
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15848.D
Injection Date: 13-Aug-2020 08:00:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

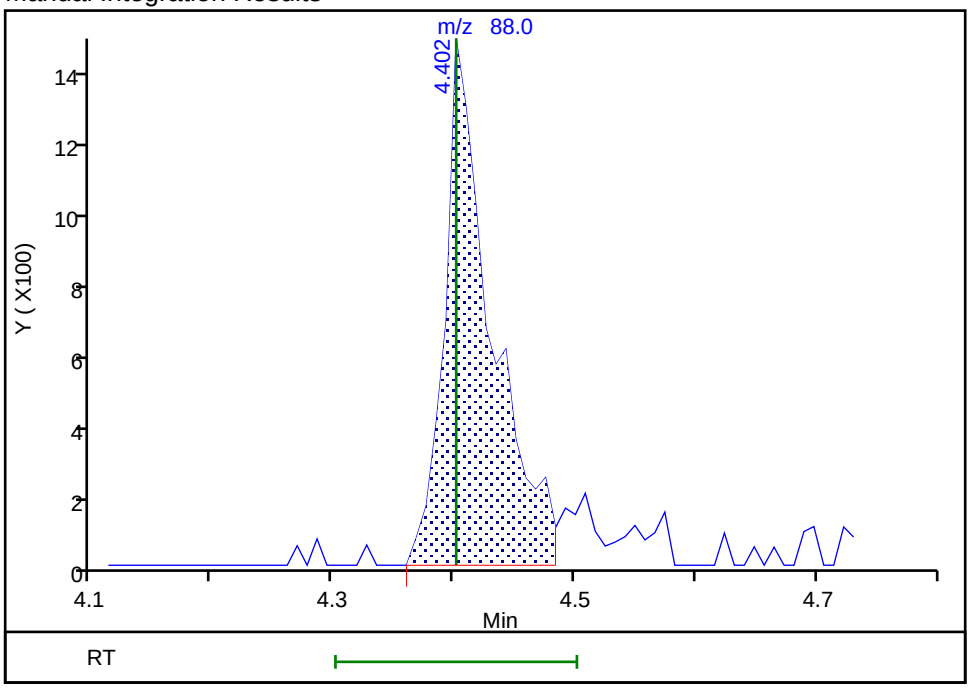
Processing Integration Results

RT: 4.40
Area: 3077
Amount: 81.556451
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 3938
Amount: 103.7727
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:57:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15849.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 13-Aug-2020 08:26:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0114977-007
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:26:59 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 14-Aug-2020 13:25:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.715	0.715	0.000	92	6250	20.0	16.4	
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	94	23058	20.0	35.2	
3 Dichlorodifluoromethane	85	0.781	0.781	0.000	99	94871	20.0	22.1	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	98	32278	20.0	28.6	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	97	13791	20.0	22.1	
7 Vinyl chloride	62	0.904	0.904	0.000	87	85369	20.0	20.5	
8 Butadiene	54	0.912	0.912	0.000	90	75432	20.0	21.3	
6 Chloromethane	50	0.912	0.912	0.000	98	110015	20.0	21.3	
9 Bromomethane	94	1.060	1.060	0.000	99	53654	20.0	20.5	
10 Chloroethane	64	1.118	1.118	0.000	98	51362	20.0	23.2	
12 Pentane	72	1.184	1.184	0.000	95	14813	40.0	37.2	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	98	112629	20.0	21.2	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	124381	20.0	20.9	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	93	99055	20.0	19.3	
15 Ethyl ether	59	1.340	1.340	0.000	93	59364	20.0	19.8	
16 Ethanol	45	1.431	1.431	0.000	50	27400	800.0	811.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	90	97695	20.0	20.4	
17 1,1-Dichloroethene	96	1.439	1.439	0.000	96	67003	20.0	19.5	
19 Carbon disulfide	76	1.455	1.455	0.000	99	212494	20.0	19.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	92	54127	20.0	19.1	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	92	102666	20.0	19.5	
22 Iodomethane	142	1.513	1.513	0.000	97	94576	20.0	20.1	
23 Cyclopentene	67	1.595	1.595	0.000	95	166620	20.0	19.9	
24 Acrolein	56	1.628	1.628	0.000	91	6391	40.0	34.9	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	89	43473	20.0	19.7	
26 Isopropyl alcohol	45	1.727	1.727	0.000	98	36945	200.0	195.4	
27 Methylene Chloride	84	1.752	1.752	0.000	86	81534	20.0	19.8	
28 Acetone	58	1.785	1.785	0.000	89	28696	100.0	94.6	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	92	77558	20.0	19.5	
30 Methyl acetate	74	1.859	1.859	0.000	97	24877	40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.883	1.883	0.000	81	7907	20.0	18.6	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	92	226457	20.0	20.0	
* 33 TBA-d9 (IS)	65	1.941	1.941	0.000	99	304637	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.982	1.982	0.000	99	72243	200.0	191.0	
35 Acetonitrile	41	2.056	2.056	0.000	99	65726	200.0	187.1	
36 Isopropyl ether	45	2.138	2.138	0.000	94	201299	20.0	20.2	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	88	66380	20.0	19.3	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	100	130372	20.0	19.9	
39 Acrylonitrile	53	2.245	2.245	0.000	95	237119	200.0	190.4	
40 Tert-butyl ethyl ether	59	2.369	2.369	0.000	90	199187	20.0	18.8	
41 Vinyl acetate	86	2.377	2.377	0.000	99	31646	40.0	41.4	
42 cis-1,2-Dichloroethene	96	2.550	2.550	0.000	98	73820	20.0	18.7	
43 2,2-Dichloropropane	77	2.624	2.624	0.000	96	87725	20.0	18.3	
44 Cyclohexane	56	2.673	2.673	0.000	87	57499	20.0	19.3	
45 Chlorobromomethane	128	2.690	2.690	0.000	84	38420	20.0	19.7	
46 Chloroform	83	2.747	2.747	0.000	99	122923	20.0	19.6	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	71776	20.0	18.6	
49 Ethyl acetate	70	2.854	2.854	0.000	99	15323	40.0	39.8	
48 Methyl acrylate	55	2.854	2.854	0.000	56	51204	20.0	19.7	
50 Tetrahydrofuran	42	2.863	2.863	0.000	93	46087	40.0	39.3	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	95	98161	20.0	19.6	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	96	153071	50.0	49.7	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	252338	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	97	85300	20.0	18.2	
55 2-Butanone (MEK)	72	2.986	2.986	0.000	99	40174	100.0	90.2	
56 Isooctane	57	3.060	3.060	0.000	99	69175	20.0	17.2	
57 n-Heptane	57	3.142	3.142	0.000	85	20022	20.0	19.1	
58 Benzene	78	3.159	3.159	0.000	95	261548	20.0	19.3	
59 Propionitrile	54	3.200	3.200	0.000	99	81945	200.0	192.1	
60 Methacrylonitrile	67	3.217	3.217	0.000	88	280378	200.0	197.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	188091	50.0	51.7	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	92	196571	20.0	19.7	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	98	96242	20.0	20.3	
64 Isobutyl alcohol	43	3.406	3.406	0.000	97	50772	500.0	462.9	
65 t-Amyl alcohol	59	3.480	3.480	0.000	96	44426	200.0	180.5	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	544389	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	105985	20.0	19.7	
68 Methylcyclohexane	83	3.620	3.620	0.000	91	45047	20.0	17.7	
69 Trichloroethene	95	3.644	3.644	0.000	98	65166	20.0	19.0	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	99	154829	20.0	19.8	
71 Dibromomethane	93	4.015	4.015	0.000	97	43190	20.0	18.6	
72 n-Butanol	56	4.039	4.039	0.000	85	33269	500.0	473.4	
73 1,2-Dichloropropane	63	4.105	4.105	0.000	89	63932	20.0	19.6	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	88980	20.0	19.6	
75 Ethyl acrylate	55	4.188	4.188	0.000	77	72554	20.0	19.7	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	44	30528	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	82	38827	40.0	39.9	
78 1,4-Dioxane	88	4.402	4.402	0.000	90	15256	400.0	414.5	
79 n-Propyl acetate	43	4.542	4.542	0.000	96	75517	20.0	19.6	
80 2-Chloroethyl vinyl ether	63	4.805	4.805	0.000	94	39251	20.0	19.2	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	92	102250	20.0	19.6	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	560656	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.076	5.076	0.000	92	275480	20.0	19.4	
84 Epichlorohydrin	57	5.118	5.118	0.000	99	111925	400.0	417.4	
85 2-Nitropropane	41	5.348	5.348	0.000	97	23869	40.0	34.5	
86 Tetrachloroethene	166	5.496	5.496	0.000	92	43409	20.0	18.8	
87 4-Methyl-2-pentanone (MIBK)	43	5.554	5.554	0.000	93	272507	100.0	100.5	
88 trans-1,3-Dichloropropene	75	5.578	5.578	0.000	93	94621	20.0	19.6	
89 1,1,2-Trichloroethane	83	5.751	5.751	0.000	94	48952	20.0	19.3	
90 Ethyl methacrylate	69	5.834	5.834	0.000	86	78439	20.0	18.9	
91 Chlorodibromomethane	129	5.941	5.941	0.000	98	61838	20.0	19.2	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	91	101466	20.0	19.7	
93 Ethylene Dibromide	107	6.187	6.187	0.000	98	62350	20.0	19.2	
94 n-Butyl acetate	43	6.541	6.541	0.000	98	75808	20.0	19.1	
95 2-Hexanone	43	6.607	6.607	0.000	95	185526	100.0	98.4	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	454126	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	94	174564	20.0	19.8	
98 Ethylbenzene	106	6.978	6.978	0.000	98	78888	20.0	20.0	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	94	53143	20.0	19.3	
100 m-Xylene & p-Xylene	106	7.200	7.200	0.000	96	94231	20.0	19.7	
101 o-Xylene	106	7.784	7.784	0.000	93	94977	20.0	19.4	
102 Bromoform	173	7.842	7.842	0.000	94	36570	20.0	19.8	
103 Styrene	104	7.866	7.866	0.000	96	169470	20.0	19.5	
104 n-Butyl acrylate	73	8.195	8.195	0.000	98	35341	20.0	19.6	
105 Isopropylbenzene	105	8.261	8.261	0.000	95	187074	20.0	19.6	
106 Amyl acetate (mixed isomers)	43	8.607	8.607	0.000	92	73014	20.0	18.4	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	87	143467	50.0	50.0	
108 Bromobenzene	156	8.747	8.747	0.000	97	69551	20.0	20.3	
109 N-Propylbenzene	91	8.895	8.895	0.000	99	196699	20.0	19.6	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	97	75239	20.0	20.2	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	164580	20.0	19.9	
112 4-Ethyltoluene	105	9.084	9.084	0.000	98	164746	20.0	20.1	
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	98	24925	20.0	20.9	
114 1,3,5-Trimethylbenzene	105	9.241	9.241	0.000	93	128502	20.0	19.9	
115 trans-1,4-Dichloro-2-butene	75	9.315	9.315	0.000	93	24481	20.0	16.8	
116 4-Chlorotoluene	91	9.331	9.331	0.000	98	158372	20.0	19.9	
117 tert-Butylbenzene	119	9.702	9.702	0.000	93	106827	20.0	19.3	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	97	126558	20.0	19.2	
118 Butyl Methacrylate	87	9.841	9.841	0.000	86	49162	20.0	19.3	
120 sec-Butylbenzene	105	9.990	9.990	0.000	99	146054	20.0	19.2	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	96	96181	20.0	19.8	
122 4-Isopropyltoluene	119	10.269	10.269	0.000	98	115089	20.0	19.2	
* 123 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	96	166117	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.409	10.409	0.000	94	100863	20.0	19.5	
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	98	140455	20.0	19.6	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	93	183584	20.0	20.1	
128 Benzyl chloride	126	10.870	10.870	0.000	97	17523	20.0	12.6	
127 p-Diethylbenzene	119	10.878	10.878	0.000	92	52995	20.0	18.9	
129 n-Butylbenzene	92	10.969	10.969	0.000	98	48123	20.0	19.1	
130 1,2-Dichlorobenzene	146	11.084	11.084	0.000	96	104201	20.0	20.4	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	97	125221	20.0	20.7	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	97	15470	20.0	19.4	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	96	44067	20.0	19.9	
134 1,2,4-Trichlorobenzene	180	12.565	12.565	0.000	92	44663	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.565	12.565	0.000	92	18764	20.0	19.3	
136 Naphthalene	128	12.779	12.779	0.000	99	177772	20.0	21.0	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	95	43555	20.0	20.4	
S 138 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.2	
S 140 Xylenes, Total	100				0		40.0	39.2	
S 141 Total BTEX	1				0		100.0	97.9	

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
GASES Li_00381	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00122	Amount Added:	20.00	Units: uL	
524freon_00025	Amount Added:	20.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2020 13:27:03 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15849.D

Injection Date: 13-Aug-2020 08:26:30 Instrument ID: CVOAMS5 Operator ID:

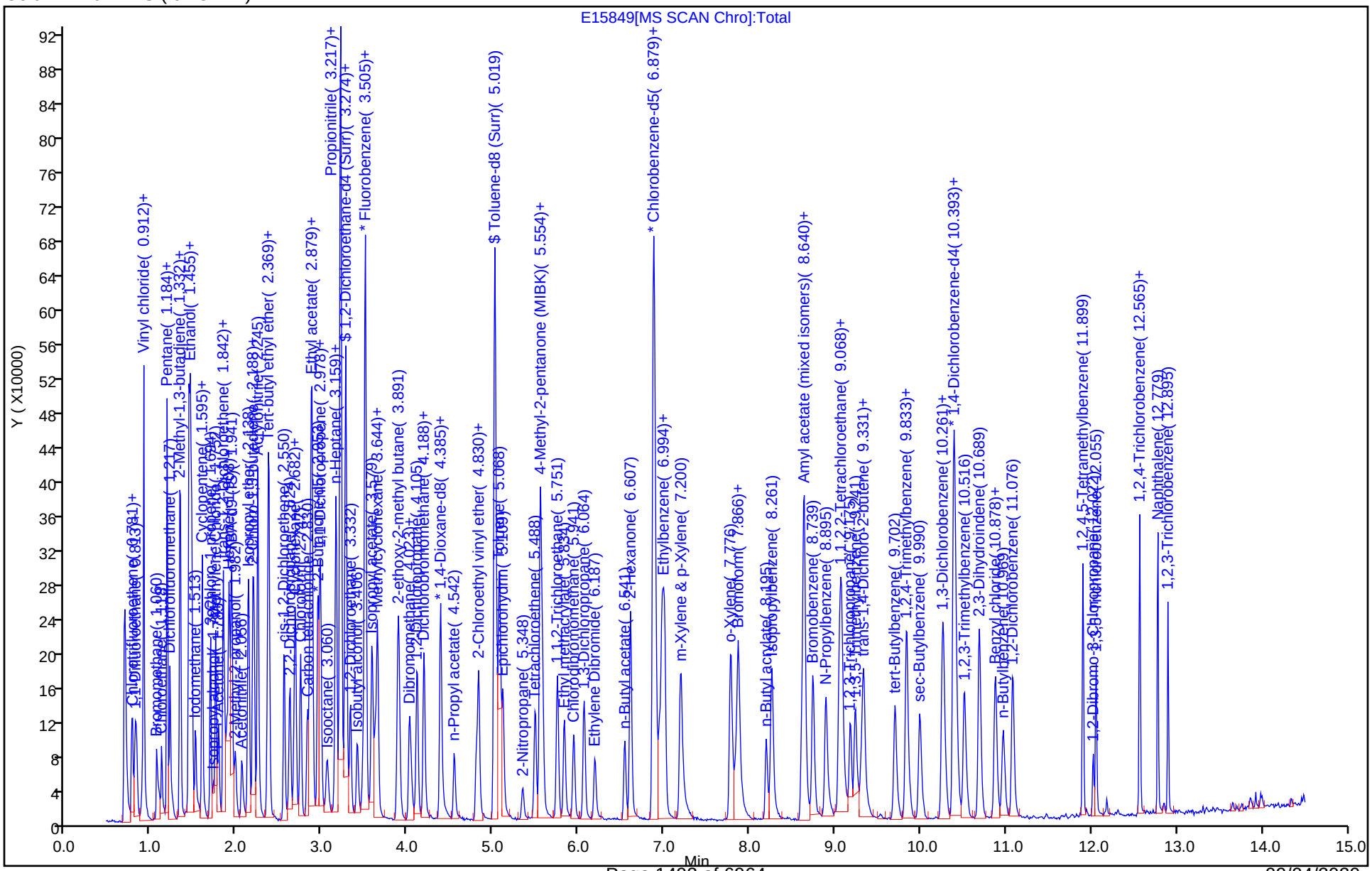
Lims ID: STD20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15850.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Aug-2020 08:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0114977-008
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:27:23 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: tupayachia Date: 13-Aug-2020 09:34:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	87	6202	50.0	9.36	
3 Dichlorodifluoromethane	85	0.781	0.781	0.000	99	206056	50.0	47.0	
4 1,1-Difluoroethane	65	0.814	0.813	0.001	97	31392	50.0	27.2	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	97	20929	50.0	32.9	
7 Vinyl chloride	62	0.904	0.904	0.000	95	213772	50.0	50.4	
8 Butadiene	54	0.912	0.912	0.000	91	184133	50.0	51.1	
6 Chloromethane	50	0.912	0.912	0.000	99	273301	50.0	52.0	
9 Bromomethane	94	1.060	1.060	0.000	99	139512	50.0	52.3	
10 Chloroethane	64	1.118	1.118	0.000	97	131482	50.0	58.7	
12 Pentane	72	1.184	1.184	0.000	96	37893	100.0	94.1	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	98	284782	50.0	52.5	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	315772	50.0	52.1	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	94	251240	50.0	47.9	
15 Ethyl ether	59	1.340	1.340	0.000	93	151725	50.0	49.5	
16 Ethanol	45	1.423	1.431	-0.008	100	65745	2000.0	1983.2	a
17 1,1-Dichloroethene	96	1.439	1.439	0.000	95	171516	50.0	48.9	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	74	232885	50.0	47.8	
19 Carbon disulfide	76	1.455	1.455	0.000	99	564932	50.0	51.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	94	142441	50.0	49.4	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	92	247256	50.0	46.0	
22 Iodomethane	142	1.521	1.513	0.008	98	280946	50.0	58.6	
23 Cyclopentene	67	1.595	1.595	0.000	94	411975	50.0	48.2	
24 Acrolein	56	1.620	1.628	-0.008	94	13464	100.0	74.8	M
25 3-Chloro-1-propene	76	1.694	1.694	0.000	89	113148	50.0	50.3	
26 Isopropyl alcohol	45	1.727	1.727	0.000	97	90322	500.0	486.3	
27 Methylene Chloride	84	1.752	1.752	0.000	85	207422	50.0	49.4	
28 Acetone	58	1.785	1.785	0.000	89	74152	250.0	241.6	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	91	198960	50.0	49.0	
30 Methyl acetate	74	1.859	1.859	0.000	96	65807	100.0	105.2	
31 Hexane	86	1.883	1.883	0.000	88	19521	50.0	46.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	94	583147	50.0	50.6	
* 33 TBA-d9 (IS)	65	1.933	1.941	-0.008	99	299224	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.982	1.982	0.000	99	178141	500.0	479.5	
35 Acetonitrile	41	2.056	2.056	0.000	99	170201	500.0	493.2	
36 Isopropyl ether	45	2.139	2.138	0.000	95	517072	50.0	51.0	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	88	176195	50.0	50.1	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	100	339558	50.0	50.8	
39 Acrylonitrile	53	2.245	2.245	0.000	95	600218	500.0	472.7	
40 Tert-butyl ethyl ether	59	2.361	2.369	-0.008	90	532646	50.0	49.3	
41 Vinyl acetate	86	2.377	2.377	0.000	99	61888	100.0	80.1	
42 cis-1,2-Dichloroethene	96	2.550	2.550	0.000	99	195650	50.0	48.7	
43 2,2-Dichloropropane	77	2.624	2.624	0.000	96	235599	50.0	48.2	
44 Cyclohexane	56	2.673	2.673	0.000	86	146846	50.0	48.5	
45 Chlorobromomethane	128	2.690	2.690	0.000	83	102190	50.0	51.4	
46 Chloroform	83	2.748	2.747	0.001	99	322915	50.0	50.4	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	196473	50.0	49.9	
49 Ethyl acetate	70	2.854	2.854	0.000	99	38627	100.0	99.2	
48 Methyl acrylate	55	2.854	2.854	0.000	58	142053	50.0	53.7	
50 Tetrahydrofuran	42	2.863	2.863	0.000	94	122887	100.0	103.7	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	96	158131	50.0	50.3	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	96	262600	50.0	51.5	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	255347	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	98	218669	50.0	45.6	
55 2-Butanone (MEK)	72	2.978	2.986	-0.008	99	122934	250.0	272.7	
56 Isooctane	57	3.060	3.060	0.000	99	198146	50.0	49.7	
57 n-Heptane	57	3.151	3.142	0.009	89	51366	50.0	48.1	
58 Benzene	78	3.159	3.159	0.000	95	701284	50.0	50.4	
59 Propionitrile	54	3.200	3.200	0.000	96	215906	500.0	515.3	
60 Methacrylonitrile	67	3.217	3.217	0.000	88	751953	500.0	518.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	61	184014	50.0	49.6	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	98	514883	50.0	50.5	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	98	247561	50.0	51.1	
64 Isobutyl alcohol	43	3.406	3.406	0.000	98	140227	1250.0	1301.6	
65 t-Amyl alcohol	59	3.480	3.480	0.000	99	123370	500.0	510.3	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	555098	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	286166	50.0	52.2	
68 Methylcyclohexane	83	3.620	3.620	0.000	92	125153	50.0	48.3	
69 Trichloroethene	95	3.645	3.644	0.001	99	179352	50.0	51.3	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	98	400424	50.0	50.1	
71 Dibromomethane	93	4.015	4.015	0.000	97	115480	50.0	48.8	
72 n-Butanol	56	4.031	4.039	-0.008	86	91984	1250.0	1280.8	
73 1,2-Dichloropropane	63	4.105	4.105	0.000	91	172362	50.0	51.7	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	237970	50.0	51.5	
75 Ethyl acrylate	55	4.188	4.188	0.000	81	202396	50.0	53.8	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	37	32690	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	82	100232	100.0	101.0	
78 1,4-Dioxane	88	4.402	4.402	0.000	92	38929	1000.0	987.6	
79 n-Propyl acetate	43	4.542	4.542	0.000	96	203212	50.0	51.8	
80 2-Chloroethyl vinyl ether	63	4.797	4.805	-0.008	94	113148	50.1	54.3	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	92	282200	50.0	52.7	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	98	575574	50.0	49.6	
83 Toluene	91	5.077	5.076	0.000	92	727215	50.0	49.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.109	5.118	-0.009	99	297737	1000.0	1097.2	
85 2-Nitropropane	41	5.340	5.348	-0.008	97	65868	100.0	96.8	
86 Tetrachloroethene	166	5.488	5.496	-0.008	96	118394	50.0	49.9	
87 4-Methyl-2-pentanone (MIBK)	43	5.554	5.554	0.000	93	710893	250.0	259.0	
88 trans-1,3-Dichloropropene	75	5.579	5.578	0.001	93	269537	50.0	54.4	
89 1,1,2-Trichloroethane	83	5.751	5.751	0.000	95	132765	50.0	50.9	
90 Ethyl methacrylate	69	5.834	5.834	0.000	87	215564	50.0	50.6	
91 Chlorodibromomethane	129	5.941	5.941	0.000	98	175448	50.0	53.1	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	91	276435	50.0	52.1	
93 Ethylene Dibromide	107	6.188	6.187	0.001	99	169241	50.0	50.8	
94 n-Butyl acetate	43	6.541	6.541	0.000	97	204653	50.0	50.3	
95 2-Hexanone	43	6.607	6.607	0.000	93	491971	250.0	257.8	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	466501	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	95	455358	50.0	50.4	
98 Ethylbenzene	106	6.978	6.978	0.000	98	202295	50.0	50.0	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	95	146013	50.0	51.7	
100 m-Xylene & p-Xylene	106	7.192	7.200	-0.008	96	250681	50.0	51.1	
101 o-Xylene	106	7.776	7.784	-0.008	94	255428	50.0	50.9	
102 Bromoform	173	7.842	7.842	0.000	94	101903	50.0	53.1	
103 Styrene	104	7.866	7.866	0.000	96	469242	50.0	52.7	
104 n-Butyl acrylate	73	8.196	8.195	0.001	97	101437	50.0	52.1	
105 Isopropylbenzene	105	8.261	8.261	0.000	95	506085	50.0	51.7	
106 Amyl acetate (mixed isomers)	43	8.607	8.607	0.000	93	210405	50.0	51.1	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	88	147385	50.0	50.0	
108 Bromobenzene	156	8.739	8.747	-0.008	98	183937	50.0	51.7	
109 N-Propylbenzene	91	8.895	8.895	0.000	99	536785	50.0	51.7	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	189174	50.0	49.1	
111 2-Chlorotoluene	91	9.068	9.068	0.000	97	439748	50.0	51.2	
112 4-Ethyltoluene	105	9.076	9.084	-0.008	98	434838	50.0	51.2	
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	96	63237	50.0	51.2	
114 1,3,5-Trimethylbenzene	105	9.233	9.241	-0.009	93	353114	50.0	52.8	
115 trans-1,4-Dichloro-2-butene	75	9.307	9.315	-0.008	92	76517	50.0	50.6	
116 4-Chlorotoluene	91	9.331	9.331	0.000	98	436728	50.0	52.9	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	292826	50.0	51.1	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	97	350430	50.0	51.2	
118 Butyl Methacrylate	87	9.842	9.841	0.001	86	146660	50.0	52.9	
120 sec-Butylbenzene	105	9.990	9.990	0.000	99	393371	50.0	49.9	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	95	253002	50.0	50.2	
122 4-Isopropyltoluene	119	10.269	10.269	0.000	97	319669	50.0	51.5	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	94	172238	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.409	10.409	0.000	94	267437	50.0	49.9	
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	98	373185	50.0	50.2	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	474722	50.0	50.1	
128 Benzyl chloride	126	10.870	10.870	0.000	98	55608	50.0	37.8	
127 p-Diethylbenzene	119	10.878	10.878	0.000	94	144447	50.0	49.6	
129 n-Butylbenzene	92	10.961	10.969	-0.008	98	134362	50.0	51.4	
130 1,2-Dichlorobenzene	146	11.076	11.084	-0.008	96	274247	50.0	51.7	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	96	330826	50.0	52.6	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	94	44042	50.0	53.3	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	97	113846	50.0	49.7	
134 1,2,4-Trichlorobenzene	180	12.566	12.565	0.001	94	116401	50.0	51.9	
135 Hexachlorobutadiene	225	12.566	12.565	0.001	88	52431	50.0	51.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	12.780	12.779	0.001	99	441436	50.0	50.3	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	95	114782	50.0	51.8	
S 138 1,2-Dichloroethene, Total	100				0		100.0	97.7	
S 139 1,3-Dichloropropene, Total	100				0		100.0	107.1	
S 140 Xylenes, Total	100				0		100.0	102.1	
S 141 Total BTEX	1				0		250.0	252.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00368	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	5.00	Units: uL	
MIX I Hi_00128	Amount Added:	5.00	Units: uL	
8FreonHi_00021	Amount Added:	5.00	Units: uL	
ACROLEIN W_00111	Amount Added:	10.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
Ethanol mix_00043	Amount Added:	5.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2020 13:27:25 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15850.D

Injection Date: 13-Aug-2020 08:52:30 Instrument ID: CVOAMS5 Operator ID:

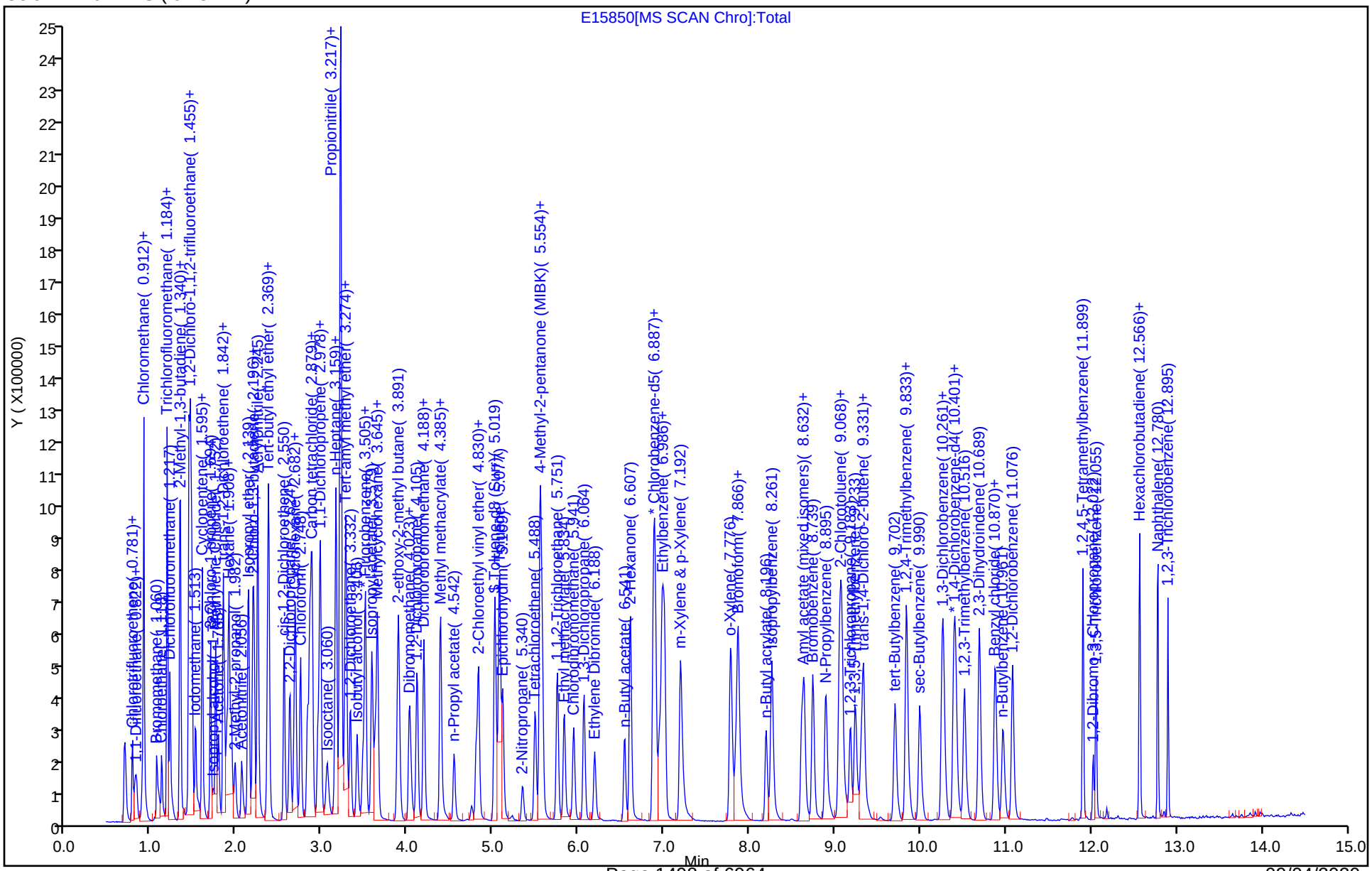
Lims ID: STD50 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

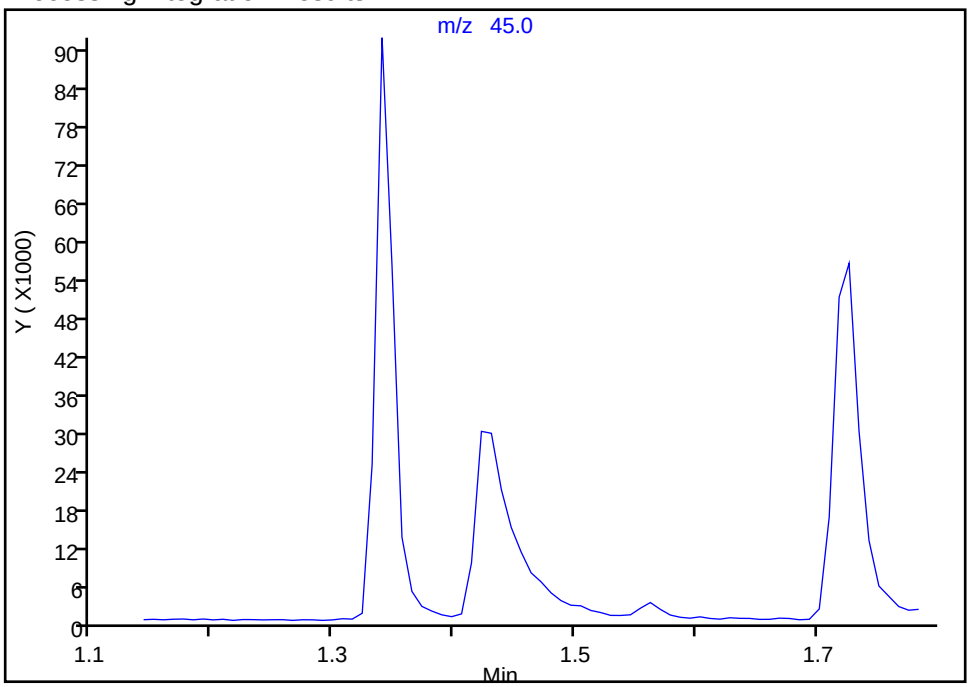
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15850.D
Injection Date: 13-Aug-2020 08:52:30 Instrument ID: CVOAMS5
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

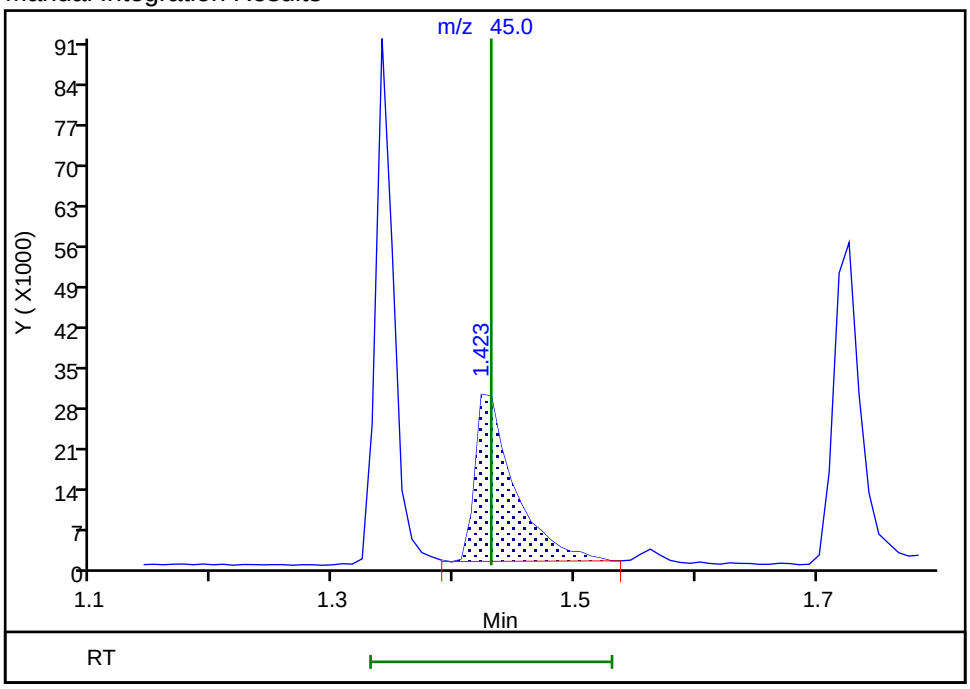
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.42
Area: 65745
Amount: 1983.2203
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 09:32:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

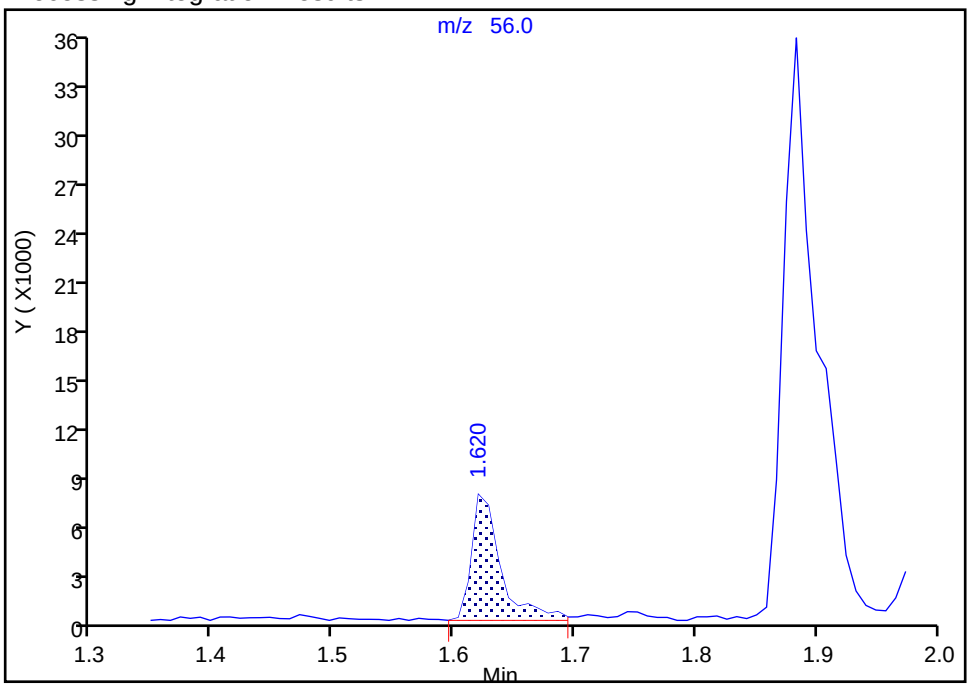
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15850.D
Injection Date: 13-Aug-2020 08:52:30 Instrument ID: CVOAMS5
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

24 Acrolein, CAS: 107-02-8

Signal: 1

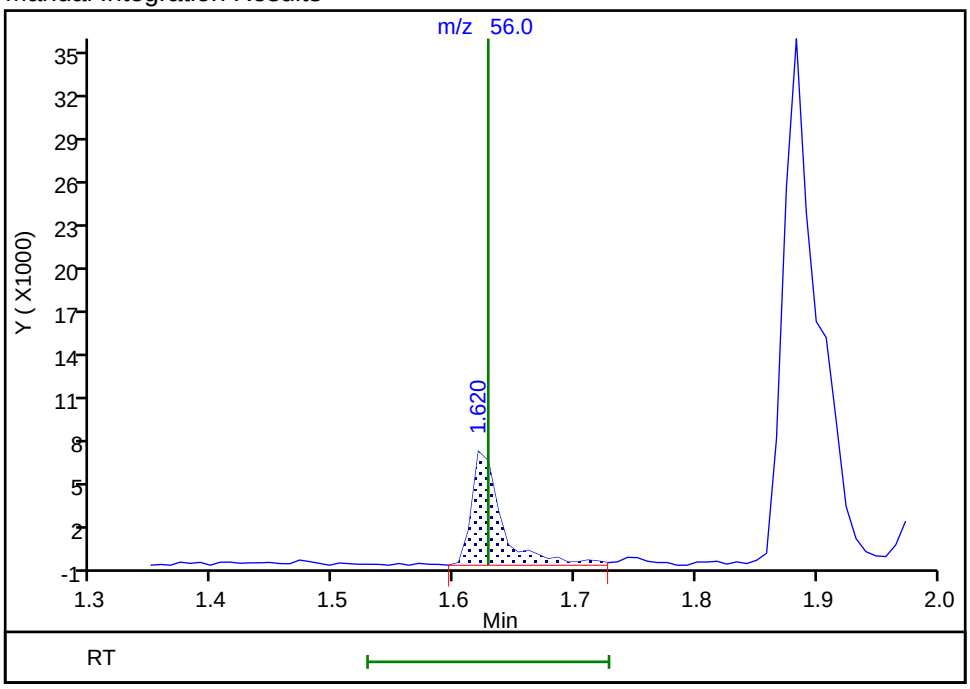
Processing Integration Results

RT: 1.62
Area: 12946
Amount: 79.696402
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 13464
Amount: 74.775515
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 12:30:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

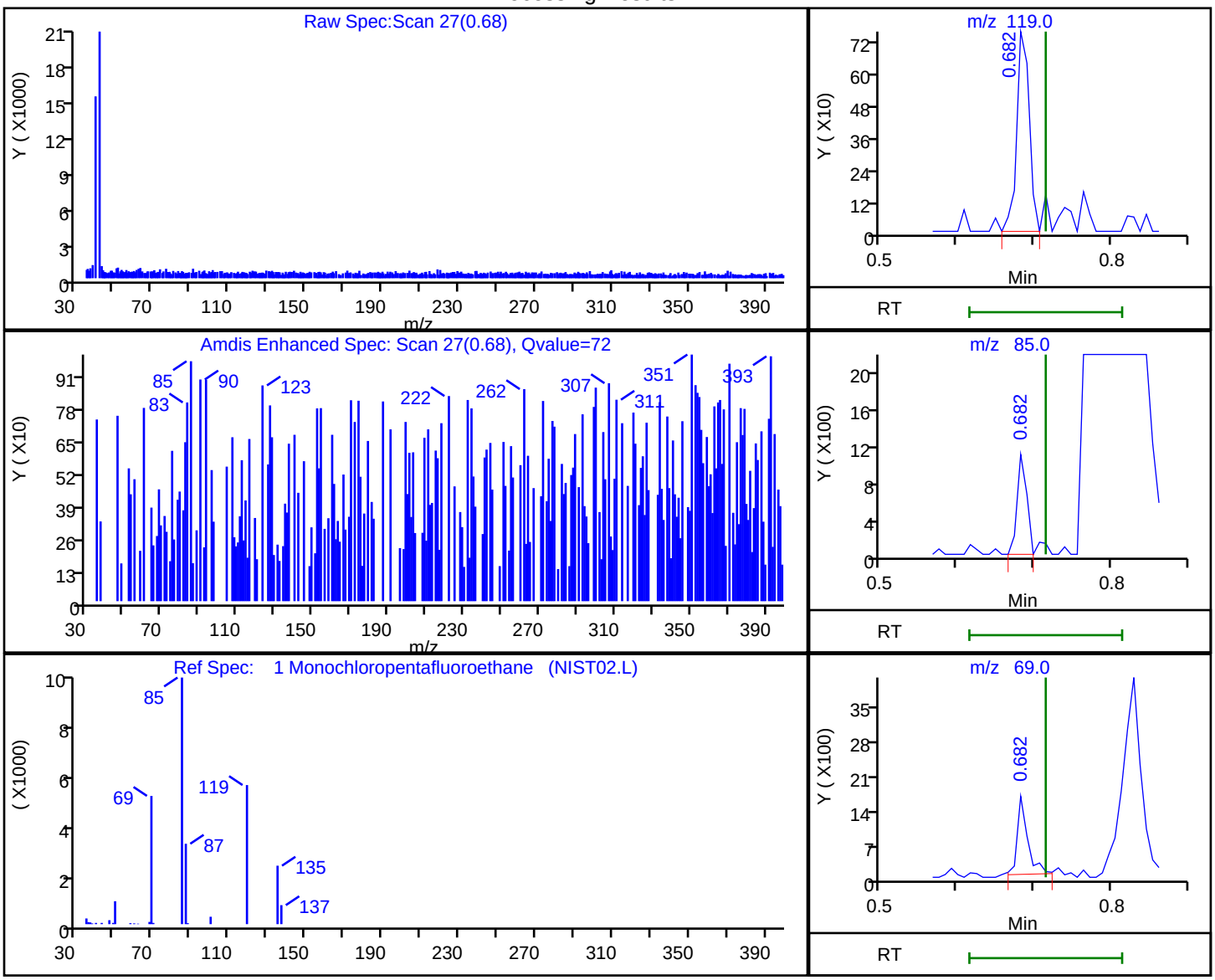
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15850.D
Injection Date: 13-Aug-2020 08:52:30 Instrument ID: CVOAMS5
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.68	119.00	856	3.713861
0.68	85.00	953	
0.68	69.00	1495	
0.68	135.00	1210	

Reviewer: delpolitov, 14-Aug-2020 11:58:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 13-Aug-2020 09:43:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0114977-010
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:27:46 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: tupayachia Date: 13-Aug-2020 10:04:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	87	74577	500.0	117.1	
3 Dichlorodifluoromethane	85	0.772	0.781	-0.009	99	2192919	500.0	469.1	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	93	350119	500.0	284.8	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	97	221887	500.0	326.9	
7 Vinyl chloride	62	0.904	0.904	0.000	98	2260299	500.0	499.9	
8 Butadiene	54	0.912	0.912	0.000	87	1938903	500.0	505.0	
6 Chloromethane	50	0.896	0.912	-0.016	99	2836134	500.0	505.6	
9 Bromomethane	94	1.060	1.060	0.000	99	1297986	500.0	456.0	
10 Chloroethane	64	1.118	1.118	0.000	98	791178	500.0	367.5	
12 Pentane	72	1.176	1.184	-0.008	96	345809	1000.0	893.1	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	97	2685753	500.0	464.5	M
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	3043820	500.0	470.7	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	91	2749181	500.0	491.5	
15 Ethyl ether	59	1.340	1.340	0.000	91	1487937	500.0	455.1	
16 Ethanol	45	1.439	1.431	0.008	88	520739	20000	17078	a
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	85	2333653	500.0	448.8	M
17 1,1-Dichloroethene	96	1.439	1.439	0.000	95	1721440	500.0	460.4	
19 Carbon disulfide	76	1.455	1.455	0.000	98	5829777	500.0	495.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.455	1.464	-0.009	97	1388595	500.0	451.5	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	95	2596062	500.0	452.9	
22 Iodomethane	142	1.513	1.513	0.000	98	2857958	500.0	558.3	
23 Cyclopentene	67	1.595	1.595	0.000	93	4285414	500.0	470.4	
24 Acrolein	56	1.628	1.628	0.000	95	75057	400.0	453.2	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	89	1101312	500.0	459.3	
26 Isopropyl alcohol	45	1.735	1.727	0.008	97	754014	5000.0	4413.2	
27 Methylene Chloride	84	1.752	1.752	0.000	83	2054713	500.0	458.7	
28 Acetone	58	1.793	1.785	0.008	88	685887	2500.0	2325.0	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	91	1999782	500.0	461.9	M
30 Methyl acetate	74	1.859	1.859	0.000	96	592821	1000.0	1030.7	
31 Hexane	86	1.883	1.883	0.000	80	195197	500.0	508.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	93	5896165	500.0	479.7	
* 33 TBA-d9 (IS)	65	1.949	1.941	0.008	98	275231	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.990	1.982	0.008	99	1594915	5000.0	4667.3	
35 Acetonitrile	41	2.064	2.056	0.008	100	1585525	5000.0	4995.4	
36 Isopropyl ether	45	2.138	2.138	0.000	95	5036117	500.0	465.2	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	86	1824675	500.0	486.6	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	99	3261946	500.0	457.6	
39 Acrylonitrile	53	2.254	2.245	0.009	96	6150139	5000.0	4539.8	
40 Tert-butyl ethyl ether	59	2.369	2.369	0.000	90	5638159	500.0	489.0	
41 Vinyl acetate	86	2.377	2.377	0.000	98	845417	1000.0	1138.1	
42 cis-1,2-Dichloroethene	96	2.558	2.550	0.008	98	2166266	500.0	505.5	
43 2,2-Dichloropropane	77	2.624	2.624	0.000	94	2473014	500.0	474.6	
44 Cyclohexane	56	2.673	2.673	0.000	84	1626994	500.0	503.2	
45 Chlorobromomethane	128	2.690	2.690	0.000	85	1027471	500.0	484.0	
46 Chloroform	83	2.747	2.747	0.000	99	3310917	500.0	484.8	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	2204540	500.0	525.3	
49 Ethyl acetate	70	2.854	2.854	0.000	97	421070	1000.0	1125.1	
48 Methyl acrylate	55	2.854	2.854	0.000	61	1505020	500.0	533.3	
50 Tetrahydrofuran	42	2.863	2.863	0.000	93	1134609	1000.0	995.8	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	96	2686411	500.0	493.4	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	61	161180	50.0	48.1	
* 53 2-Butanone-d5	46	2.953	2.945	0.008	95	245428	250.0	250.0	
54 1,1-Dichloropropene	75	2.978	2.970	0.008	98	2360349	500.0	461.7	
55 2-Butanone (MEK)	72	2.986	2.986	0.000	97	1136420	2500.0	2623.2	
56 Isooctane	57	3.060	3.060	0.000	99	2297960	500.0	548.4	
57 n-Heptane	57	3.151	3.142	0.009	87	544793	500.0	477.8	
58 Benzene	78	3.167	3.159	0.008	93	7726476	500.0	517.8	
59 Propionitrile	54	3.225	3.200	0.025	97	2158879	5000.0	5601.6	
60 Methacrylonitrile	67	3.233	3.217	0.016	81	8094943	5000.0	5232.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.282	3.274	0.008	34	180774	50.0	45.7	
62 Tert-amyl methyl ether	73	3.282	3.274	0.008	96	5501817	500.0	505.6	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	98	2398113	500.0	463.9	
64 Isobutyl alcohol	43	3.422	3.406	0.016	96	1504918	12500	15187	
65 t-Amyl alcohol	59	3.488	3.480	0.008	96	1261268	5000.0	5672.2	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	592229	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	98	2776520	500.0	474.9	
68 Methylcyclohexane	83	3.628	3.620	0.008	89	1363150	500.0	493.6	
69 Trichloroethene	95	3.644	3.644	0.000	97	1806039	500.0	484.0	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	97	4300391	500.0	504.4	
71 Dibromomethane	93	4.015	4.015	0.000	98	1175935	500.0	466.1	
72 n-Butanol	56	4.039	4.039	0.000	83	1046653	12500	12129	
73 1,2-Dichloropropane	63	4.114	4.105	0.009	93	1824858	500.0	513.0	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	2560545	500.0	519.8	
75 Ethyl acrylate	55	4.188	4.188	0.000	86	2165301	500.0	539.9	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	36	35583	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	81	1114093	1000.0	1051.8	
78 1,4-Dioxane	88	4.410	4.402	0.008	89	359760	10000	8385.0	
79 n-Propyl acetate	43	4.542	4.542	0.000	96	2109047	500.0	503.9	
80 2-Chloroethyl vinyl ether	63	4.805	4.805	0.000	93	1236130	501.2	555.9	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	89	3147016	500.0	548.5	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	98	610462	50.0	49.1	
83 Toluene	91	5.076	5.076	0.000	92	7809863	500.0	498.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.118	5.118	0.000	99	3146640	10000	12064	
85 2-Nitropropane	41	5.348	5.348	0.000	96	792107	1000.0	1265.8	
86 Tetrachloroethene	166	5.496	5.496	0.000	97	1255499	500.0	493.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.562	5.554	0.008	89	6942048	2500.0	2631.5	
88 trans-1,3-Dichloropropene	75	5.587	5.578	0.009	98	2852569	500.0	536.6	
89 1,1,2-Trichloroethane	83	5.751	5.751	0.000	96	1412503	500.0	505.2	
90 Ethyl methacrylate	69	5.834	5.834	0.000	85	2541677	500.0	556.3	
91 Chlorodibromomethane	129	5.949	5.941	0.008	97	1989426	500.0	561.2	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	89	2969076	500.0	522.4	
93 Ethylene Dibromide	107	6.187	6.187	0.000	98	1801264	500.0	504.4	
94 n-Butyl acetate	43	6.541	6.541	0.000	97	2398548	500.0	550.2	
95 2-Hexanone	43	6.615	6.607	0.008	91	5139517	2500.0	2802.0	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	500080	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	97	4963574	500.0	512.0	
98 Ethylbenzene	106	6.986	6.978	0.008	97	2244112	500.0	517.6	
99 1,1,1,2-Tetrachloroethane	133	7.010	7.002	0.008	96	1599980	500.0	528.4	
100 m-Xylene & p-Xylene	106	7.191	7.200	-0.009	95	2772996	500.0	527.7	
101 o-Xylene	106	7.784	7.784	0.000	94	2827605	500.0	525.8	
102 Bromoform	173	7.842	7.842	0.000	95	1307911	500.0	590.0	
103 Styrene	104	7.866	7.866	0.000	97	5131907	500.0	537.6	
104 n-Butyl acrylate	73	8.195	8.195	0.000	97	1528454	500.0	487.0	
105 Isopropylbenzene	105	8.261	8.261	0.000	95	5469082	500.0	521.5	
106 Amyl acetate (mixed isomers)	43	8.615	8.607	0.008	93	2769718	500.0	582.5	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	88	166133	50.0	52.6	
108 Bromobenzene	156	8.747	8.747	0.000	96	2002189	500.0	486.8	
109 N-Propylbenzene	91	8.895	8.895	0.000	99	6017464	500.0	501.4	
110 1,1,2,2-Tetrachloroethane	83	9.051	9.043	0.008	98	2247389	500.0	504.7	
111 2-Chlorotoluene	91	9.068	9.068	0.000	97	4691200	500.0	472.8	
112 4-Ethyltoluene	105	9.093	9.084	0.009	98	4989428	500.0	508.7	
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	97	694244	500.0	486.3	
114 1,3,5-Trimethylbenzene	105	9.241	9.241	0.000	93	4043565	500.0	523.4	
115 trans-1,4-Dichloro-2-butene	75	9.315	9.315	0.000	96	1084146	500.0	620.7	
116 4-Chlorotoluene	91	9.339	9.331	0.008	97	4764528	500.0	499.6	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	3406556	500.0	514.6	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	97	4153522	500.0	525.3	
118 Butyl Methacrylate	87	9.841	9.841	0.000	84	2317331	500.0	491.3	
120 sec-Butylbenzene	105	9.998	9.990	0.008	99	4698313	500.0	515.3	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	97	2858158	500.0	491.0	
122 4-Isopropyltoluene	119	10.278	10.269	0.009	98	3889040	500.0	542.5	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	95	199059	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.418	10.409	0.009	96	2979930	500.0	481.1	
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	98	4437497	500.0	516.0	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	5548495	500.0	506.2	
128 Benzyl chloride	126	10.870	10.870	0.000	98	837491	500.0	488.0	
127 p-Diethylbenzene	119	10.887	10.878	0.009	93	1829274	500.0	543.6	
129 n-Butylbenzene	92	10.969	10.969	0.000	98	1633046	500.0	540.7	
130 1,2-Dichlorobenzene	146	11.084	11.084	0.000	97	3018781	500.0	492.5	
131 1,2,4,5-Tetramethylbenzene	119	11.907	11.899	0.008	97	3042830	500.0	419.0	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	93	524297	500.0	548.6	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	97	1271732	500.0	480.3	
134 1,2,4-Trichlorobenzene	180	12.565	12.565	0.000	94	1236302	500.0	477.3	
135 Hexachlorobutadiene	225	12.574	12.565	0.009	95	595544	500.0	510.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	12.779	12.779	0.000	99	4339480	500.0	428.0	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	97	1195225	500.0	467.0	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	967.4	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	1085.1	
S 140 Xylenes, Total	100				0		1000.0	1053.5	
S 141 Total BTEX	1				0		2500.0	2587.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00368	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	50.00	Units: uL	
MIX I Hi_00128	Amount Added:	50.00	Units: uL	
8FreonHi_00021	Amount Added:	50.00	Units: uL	
ACROLEIN W_00111	Amount Added:	40.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
Ethanol mix_00043	Amount Added:	50.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2020 13:27:48 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D

Injection Date: 13-Aug-2020 09:43:30 Instrument ID: CVOAMS5 Operator ID:

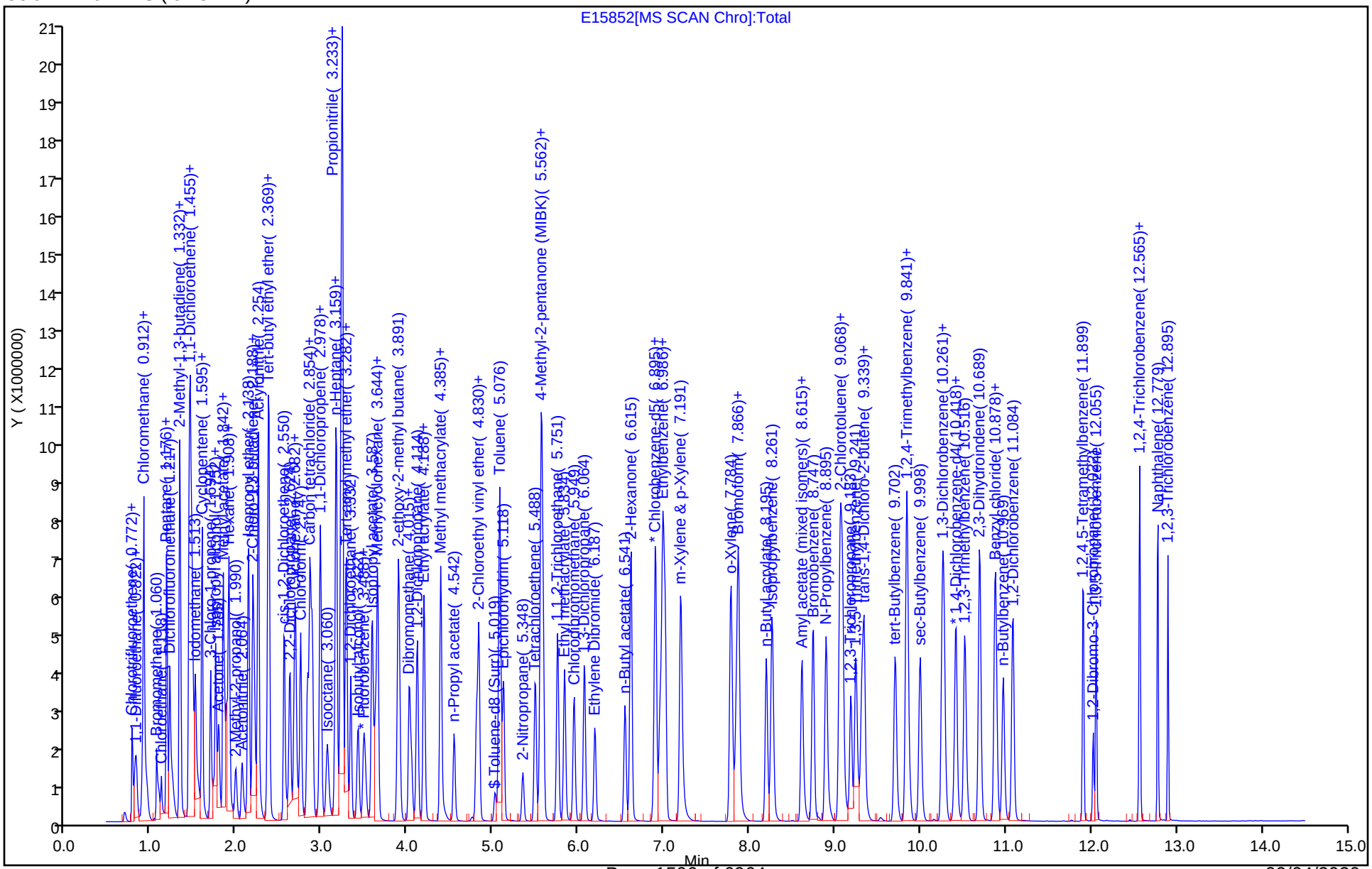
Lims ID: STD500 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

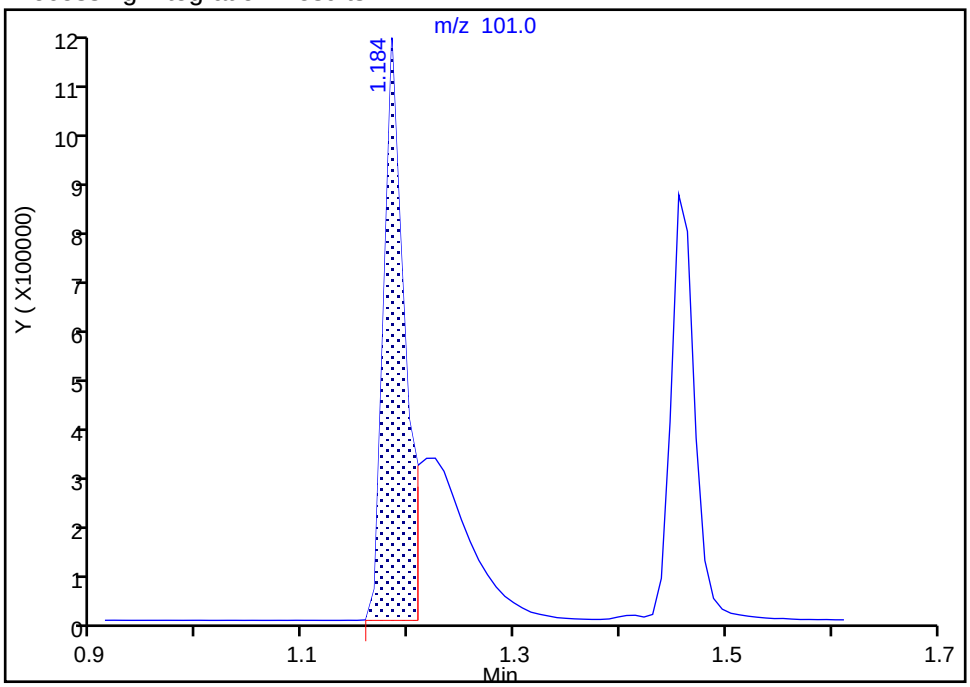
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D
Injection Date: 13-Aug-2020 09:43:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

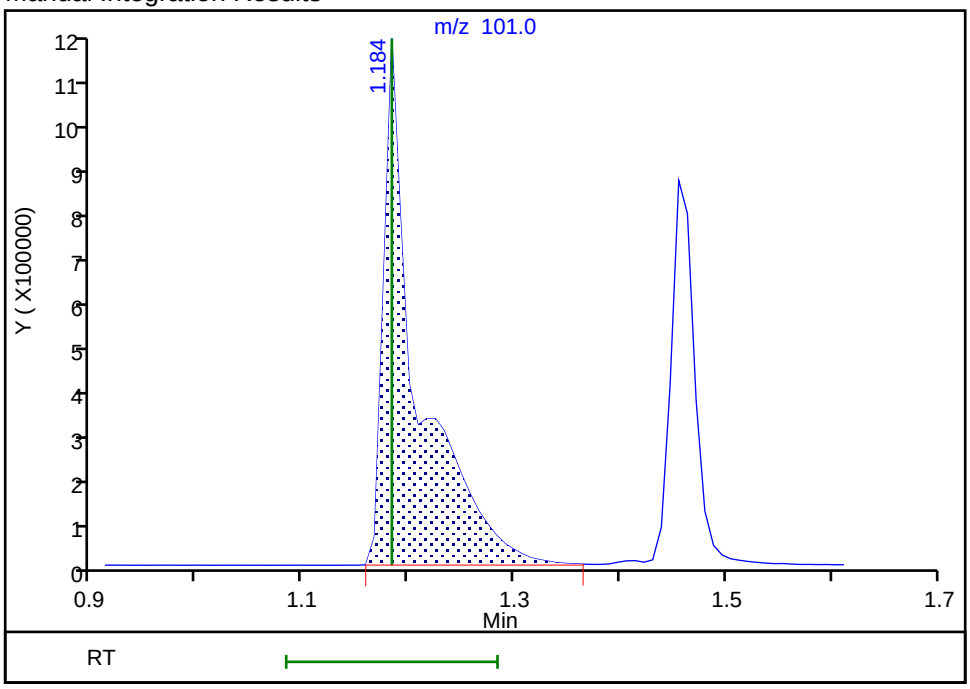
Processing Integration Results

RT: 1.18
Area: 1678844
Amount: 304.6665
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 2685753
Amount: 464.4884
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 11:59:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

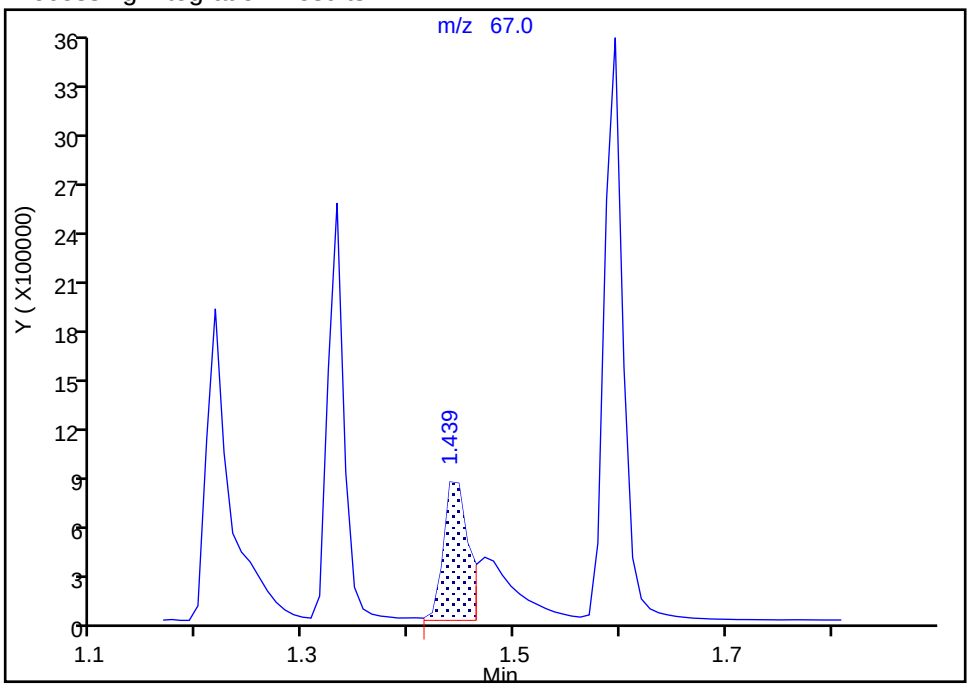
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D
Injection Date: 13-Aug-2020 09:43:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

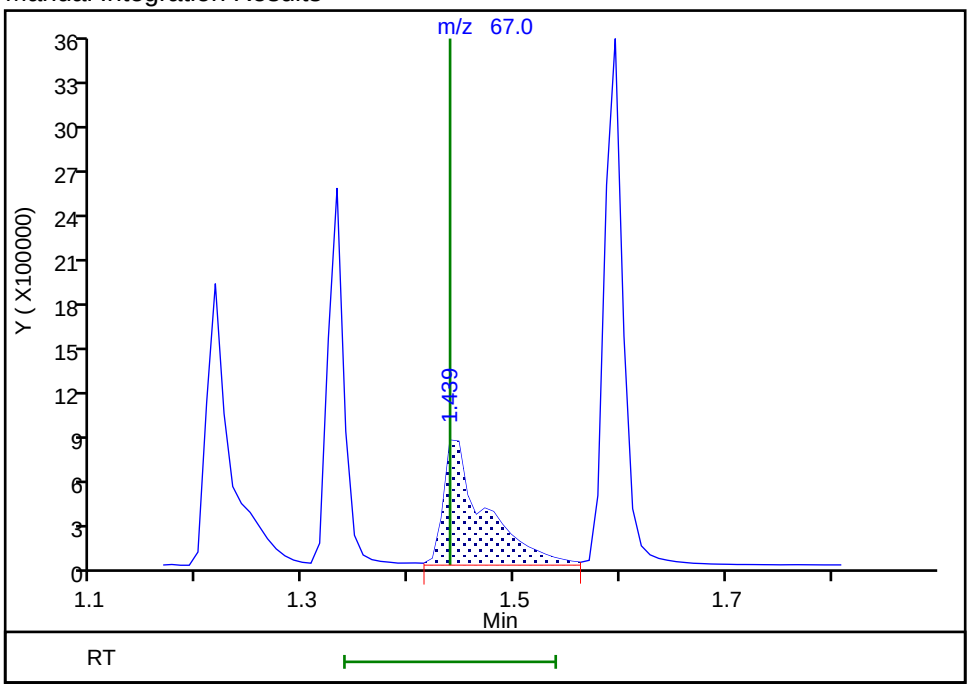
Processing Integration Results

RT: 1.44
Area: 1431001
Amount: 286.1096
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 2333653
Amount: 448.7694
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 12:00:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

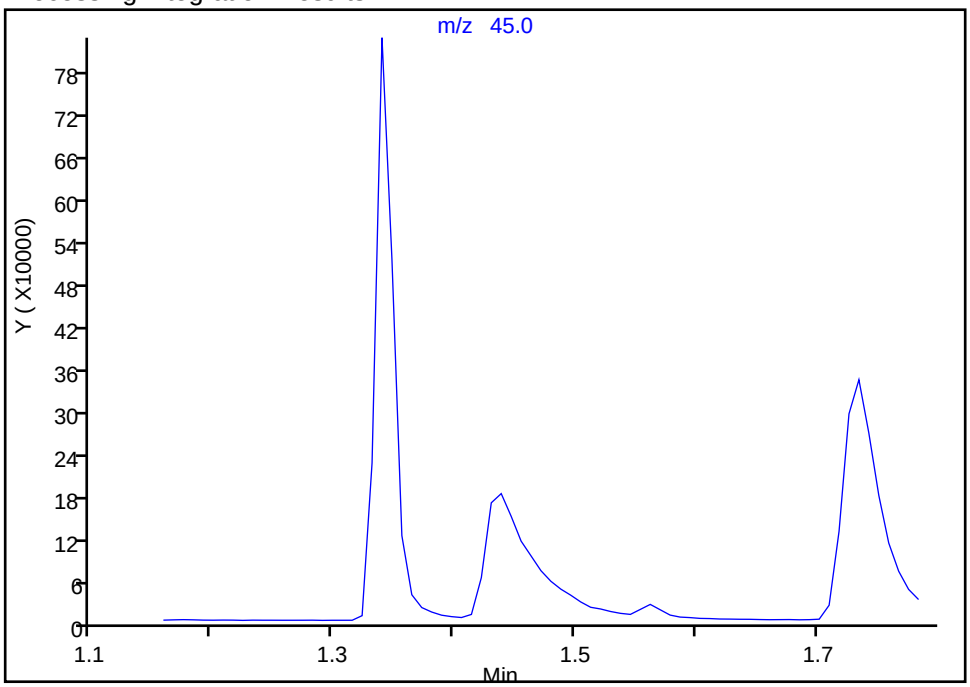
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D
Injection Date: 13-Aug-2020 09:43:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

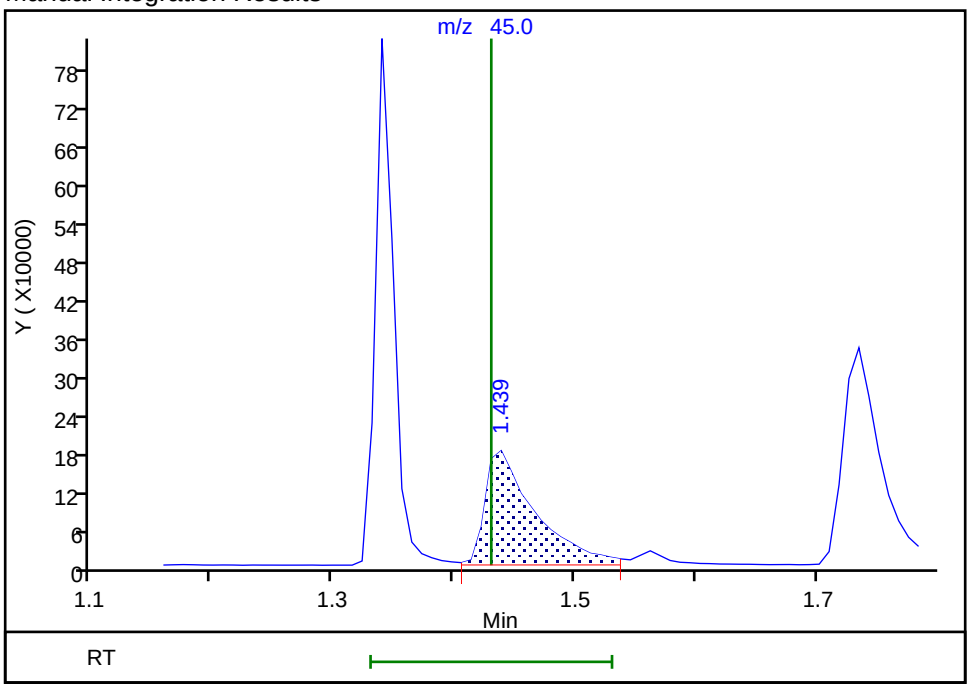
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.44
Area: 520739
Amount: 17078
Amount Units: ug/l



Reviewer: tupayachia, 13-Aug-2020 10:04:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

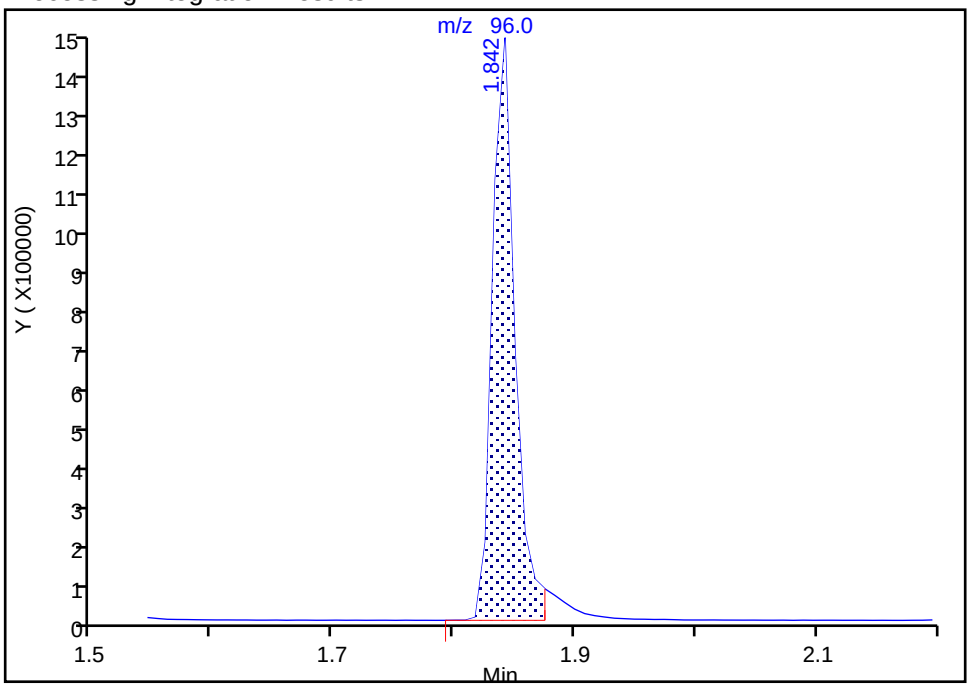
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D
Injection Date: 13-Aug-2020 09:43:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

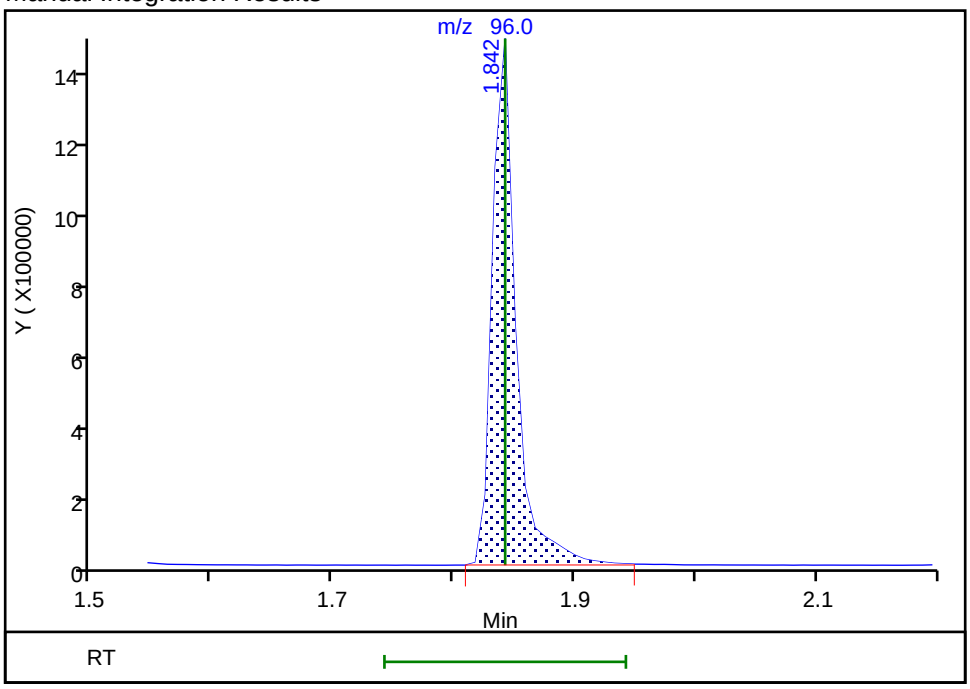
Processing Integration Results

RT: 1.84
Area: 1913308
Amount: 419.9170
Amount Units: ug/l



Manual Integration Results

RT: 1.84
Area: 1999782
Amount: 461.8768
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 12:00:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

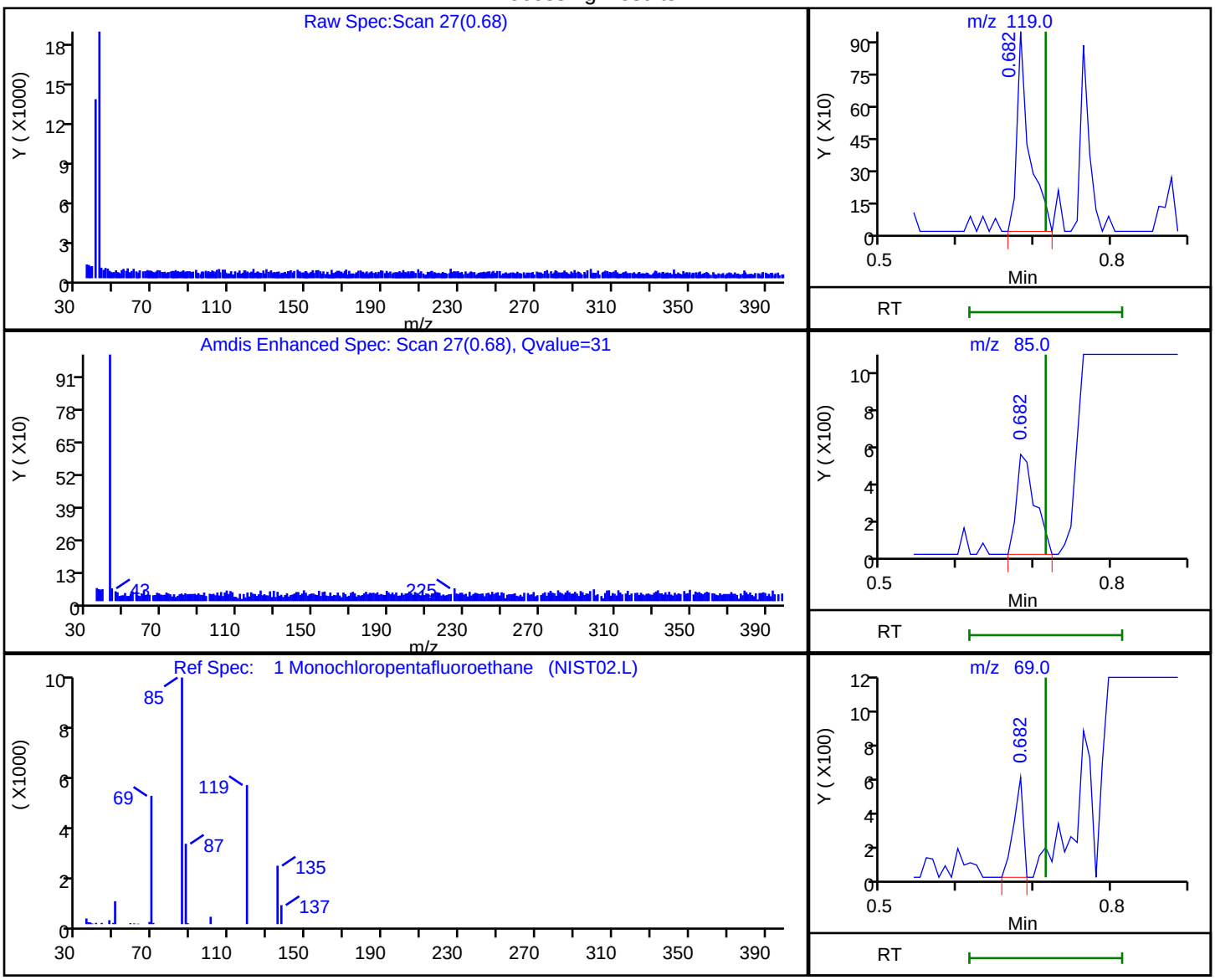
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15852.D
Injection Date: 13-Aug-2020 09:43:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.68	119.00	1053	3.709764
0.68	85.00	870	
0.68	69.00	482	
0.68	135.00	1396	

Reviewer: delpolitov, 14-Aug-2020 11:59:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Aug-2020 11:52:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0114977-015
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 13:28:10 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 13-Aug-2020 12:49:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	31384	200.0	43.8	
3 Dichlorodifluoromethane	85	0.772	0.781	-0.009	99	827286	200.0	182.6	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	96	134053	200.0	112.5	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	97	91615	200.0	139.2	
7 Vinyl chloride	62	0.904	0.904	0.000	97	833817	200.0	190.3	
8 Butadiene	54	0.912	0.912	0.000	90	720929	200.0	193.6	M
6 Chloromethane	50	0.912	0.912	0.000	96	1030039	200.0	189.5	
9 Bromomethane	94	1.060	1.060	0.000	99	528192	200.0	191.5	
10 Chloroethane	64	1.118	1.118	0.000	98	412245	200.0	170.3	
12 Pentane	72	1.184	1.184	0.000	96	175052	400.0	402.1	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	97	1084699	200.0	193.5	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	1195037	200.0	190.6	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	92	1110589	200.0	204.9	
15 Ethyl ether	59	1.340	1.340	0.000	92	608724	200.0	192.1	
16 Ethanol	45	1.431	1.431	0.000	98	298222	8000.0	8185.2	a
17 1,1-Dichloroethene	96	1.439	1.439	0.000	95	702474	200.0	193.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	87	995663	200.0	197.5	
19 Carbon disulfide	76	1.455	1.455	0.000	98	2349748	200.0	206.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	96	590865	200.0	198.2	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	94	1086358	200.0	195.5	
22 Iodomethane	142	1.513	1.513	0.000	98	1114284	200.0	224.6	
23 Cyclopentene	67	1.595	1.595	0.000	94	1772620	200.0	200.7	
24 Acrolein	56	1.628	1.628	0.000	94	42085	200.0	212.7	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	90	454857	200.0	195.7	
26 Isopropyl alcohol	45	1.727	1.727	0.000	98	397647	2000.0	1947.8	
27 Methylene Chloride	84	1.752	1.752	0.000	85	810533	200.0	186.7	
28 Acetone	58	1.785	1.785	0.000	88	306910	1000.0	925.3	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	91	804874	200.0	191.8	
30 Methyl acetate	74	1.859	1.859	0.000	97	256495	400.0	373.2	
31 Hexane	86	1.883	1.883	0.000	77	85808	200.0	187.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	94	2338457	200.0	196.3	
* 33 TBA-d9 (IS)	65	1.941	1.941	0.000	99	328862	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.982	1.982	0.000	99	754788	2000.0	1848.6	
35 Acetonitrile	41	2.056	2.056	0.000	99	719308	2000.0	1896.7	
36 Isopropyl ether	45	2.138	2.138	0.000	94	2086093	200.0	198.8	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	87	733149	200.0	201.7	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	99	1331833	200.0	192.8	
39 Acrylonitrile	53	2.245	2.245	0.000	95	2488628	2000.0	1895.2	
40 Tert-butyl ethyl ether	59	2.369	2.369	0.000	90	2246133	200.0	201.0	
41 Vinyl acetate	86	2.377	2.377	0.000	99	363795	400.0	435.6	
42 cis-1,2-Dichloroethene	96	2.550	2.550	0.000	99	811510	200.0	195.4	
43 2,2-Dichloropropane	77	2.624	2.624	0.000	95	1109791	200.0	219.7	
44 Cyclohexane	56	2.673	2.673	0.000	86	638965	200.0	203.9	
45 Chlorobromomethane	128	2.690	2.690	0.000	85	397212	200.0	193.0	
46 Chloroform	83	2.747	2.747	0.000	100	1296005	200.0	195.8	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	849644	200.0	208.9	
49 Ethyl acetate	70	2.854	2.854	0.000	97	171790	400.0	408.3	
48 Methyl acrylate	55	2.854	2.854	0.000	62	622680	200.0	227.6	
50 Tetrahydrofuran	42	2.854	2.863	-0.009	96	500603	400.0	390.8	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	51	162835	50.0	50.1	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	96	1072838	200.0	203.3	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	99	275954	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	97	921127	200.0	185.9	
55 2-Butanone (MEK)	72	2.978	2.986	-0.008	97	473931	1000.0	972.9	
56 Isooctane	57	3.060	3.060	0.000	99	875552	200.0	215.1	
57 n-Heptane	57	3.151	3.142	0.009	86	220856	200.0	199.8	
58 Benzene	78	3.159	3.159	0.000	94	2926952	200.0	199.2	
59 Propionitrile	54	3.208	3.200	0.008	98	941698	2000.0	2044.9	
60 Methacrylonitrile	67	3.225	3.217	0.008	85	3321580	2000.0	2214.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	39	182364	50.0	47.5	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	97	2188141	200.0	207.5	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	98	970673	200.0	193.7	
64 Isobutyl alcohol	43	3.414	3.406	0.008	98	665765	5000.0	5622.9	
65 t-Amyl alcohol	59	3.480	3.480	0.000	96	564080	2000.0	2123.1	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	574052	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	1177143	200.0	207.7	
68 Methylcyclohexane	83	3.620	3.620	0.000	90	534132	200.0	199.5	
69 Trichloroethene	95	3.645	3.644	0.000	98	710219	200.0	196.4	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	97	1669389	200.0	202.0	
71 Dibromomethane	93	4.015	4.015	0.000	97	470903	200.0	192.5	
72 n-Butanol	56	4.031	4.039	-0.008	84	486280	5000.0	5486.5	
73 1,2-Dichloropropane	63	4.105	4.105	0.000	92	709341	200.0	205.7	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	992017	200.0	207.7	
75 Ethyl acrylate	55	4.188	4.188	0.000	88	898493	200.0	231.1	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	95	37336	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	81	447562	400.0	435.9	
78 1,4-Dioxane	88	4.402	4.402	0.000	89	184729	4000.0	4103.4	
79 n-Propyl acetate	43	4.542	4.542	0.000	96	862585	200.0	212.6	
80 2-Chloroethyl vinyl ether	63	4.797	4.805	-0.008	94	497656	200.5	230.9	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	90	1230380	200.0	217.8	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	98	602008	50.0	49.1	
83 Toluene	91	5.076	5.076	0.000	92	3022993	200.0	195.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.118	5.118	0.000	99	1334236	4000.0	4549.5	
85 2-Nitropropane	41	5.348	5.348	0.000	98	326843	400.0	437.1	
86 Tetrachloroethene	166	5.488	5.496	-0.008	96	500128	200.0	199.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.554	5.554	0.000	91	2950181	1000.0	994.6	
88 trans-1,3-Dichloropropene	75	5.578	5.578	0.000	96	1131635	200.0	216.2	
89 1,1,2-Trichloroethane	83	5.751	5.751	0.000	95	552428	200.0	200.6	
90 Ethyl methacrylate	69	5.834	5.834	0.000	86	979944	200.0	217.8	
91 Chlorodibromomethane	129	5.941	5.941	0.000	97	752400	200.0	215.5	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	90	1138994	200.0	203.5	
93 Ethylene Dibromide	107	6.187	6.187	0.000	98	709313	200.0	201.7	
94 n-Butyl acetate	43	6.541	6.541	0.000	97	960444	200.0	223.7	
95 2-Hexanone	43	6.607	6.607	0.000	92	2102303	1000.0	1019.4	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	84	492435	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	96	1885927	200.0	197.6	
98 Ethylbenzene	106	6.978	6.978	0.000	98	861640	200.0	201.8	
99 1,1,1,2-Tetrachloroethane	133	7.010	7.002	0.008	95	608419	200.0	204.0	
100 m-Xylene & p-Xylene	106	7.192	7.200	-0.008	96	1068882	200.0	206.6	
101 o-Xylene	106	7.776	7.784	-0.008	94	1079618	200.0	203.9	
102 Bromoform	173	7.842	7.842	0.000	95	468035	200.0	223.3	
103 Styrene	104	7.866	7.866	0.000	96	1973121	200.0	209.9	
104 n-Butyl acrylate	73	8.196	8.195	0.001	97	535043	200.0	218.0	
105 Isopropylbenzene	105	8.261	8.261	0.000	95	2113575	200.0	204.7	
106 Amyl acetate (mixed isomers)	43	8.607	8.607	0.000	93	976187	200.0	217.1	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	87	159976	50.0	51.4	
108 Bromobenzene	156	8.739	8.747	-0.008	97	755000	200.0	194.1	
109 N-Propylbenzene	91	8.895	8.895	0.000	99	2281356	200.0	201.0	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	853946	200.0	202.8	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	1817577	200.0	193.7	
112 4-Ethyltoluene	105	9.084	9.084	0.000	98	1918097	200.0	206.8	
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	97	262607	200.0	194.5	
114 1,3,5-Trimethylbenzene	105	9.241	9.241	0.000	93	1487130	200.0	203.5	
115 trans-1,4-Dichloro-2-butene	75	9.307	9.315	-0.008	95	405985	200.0	245.8	
116 4-Chlorotoluene	91	9.331	9.331	0.000	97	1831595	200.0	203.1	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	1245335	200.0	198.9	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	97	1501397	200.0	200.8	
118 Butyl Methacrylate	87	9.841	9.841	0.000	85	750707	200.0	211.1	
120 sec-Butylbenzene	105	9.990	9.990	0.000	99	1709798	200.0	198.3	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	96	1076807	200.0	195.6	
122 4-Isopropyltoluene	119	10.269	10.269	0.000	98	1415236	200.0	208.7	
* 123 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	95	188260	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.409	10.409	0.000	94	1123694	200.0	191.8	
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	98	1632516	200.0	200.7	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	2089210	200.0	201.6	
128 Benzyl chloride	126	10.870	10.870	0.000	98	379306	200.0	233.9	
127 p-Diethylbenzene	119	10.878	10.878	0.000	93	677760	200.0	213.0	
129 n-Butylbenzene	92	10.961	10.969	-0.008	98	589018	200.0	206.2	
130 1,2-Dichlorobenzene	146	11.076	11.084	-0.008	97	1156724	200.0	199.5	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	97	1291286	200.0	188.0	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	93	204628	200.0	226.4	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	97	491359	200.0	196.2	
134 1,2,4-Trichlorobenzene	180	12.566	12.565	0.001	94	462082	200.0	188.6	
135 Hexachlorobutadiene	225	12.566	12.565	0.001	91	232465	200.0	210.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	12.779	12.779	0.000	99	1687966	200.0	176.0	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	96	461575	200.0	190.7	
S 138 1,2-Dichloroethene, Total	100				0		400.0	387.2	
S 139 1,3-Dichloropropene, Total	100				0		400.0	434.0	
S 140 Xylenes, Total	100				0		400.0	410.5	
S 141 Total BTEX	1				0		1000.0	1007.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	20.00	Units: uL	
8FreonHi_00021	Amount Added:	20.00	Units: uL	
MIX I Hi_00128	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	20.00	Units: uL	
GAS Hi_00368	Amount Added:	20.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
Ethanol mix_00043	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

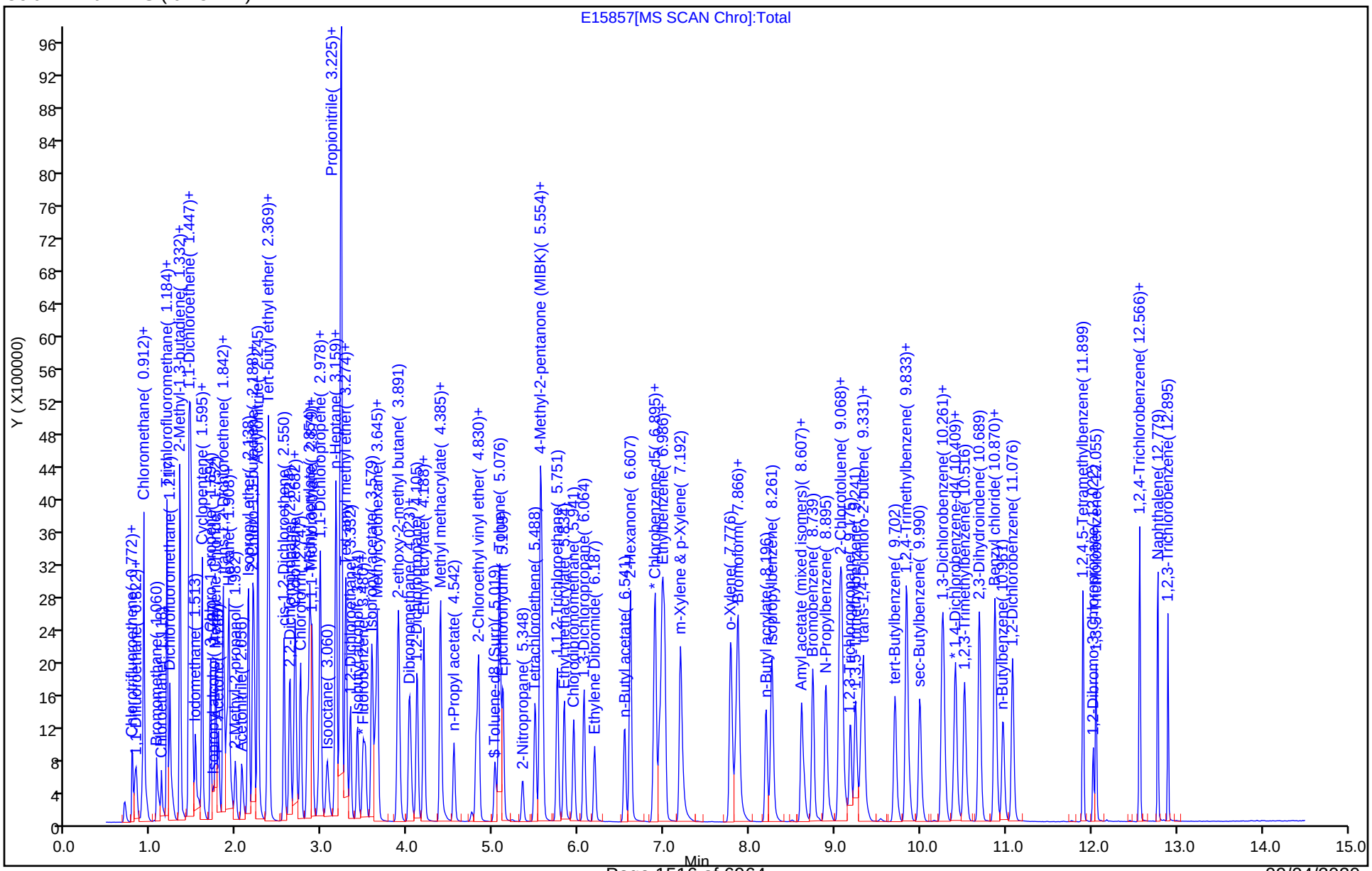
Report Date: 14-Aug-2020 13:28:12 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Injection Date:	13-Aug-2020 11:52:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

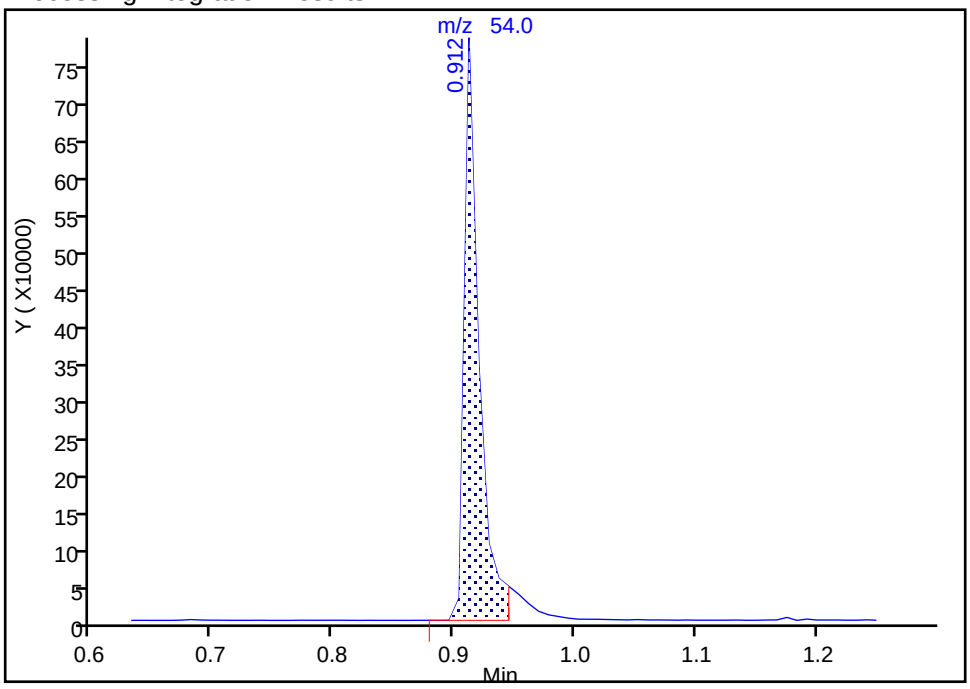
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D
Injection Date: 13-Aug-2020 11:52:30 Instrument ID: CVOAMS5
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

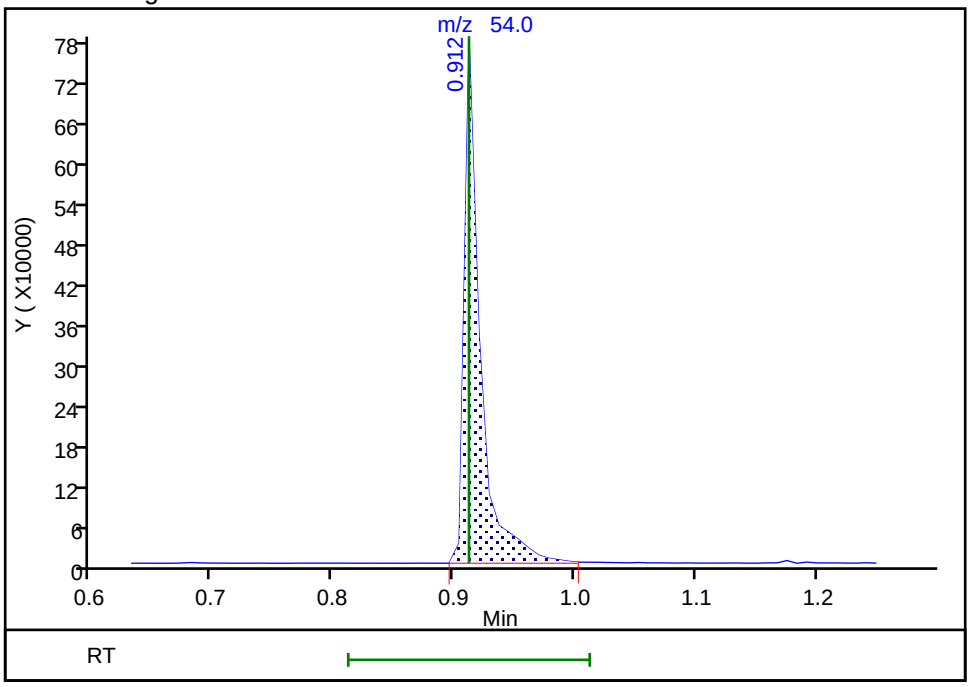
Processing Integration Results

RT: 0.91
Area: 677721
Amount: 169.0993
Amount Units: ug/l



Manual Integration Results

RT: 0.91
Area: 720929
Amount: 193.6375
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 12:01:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

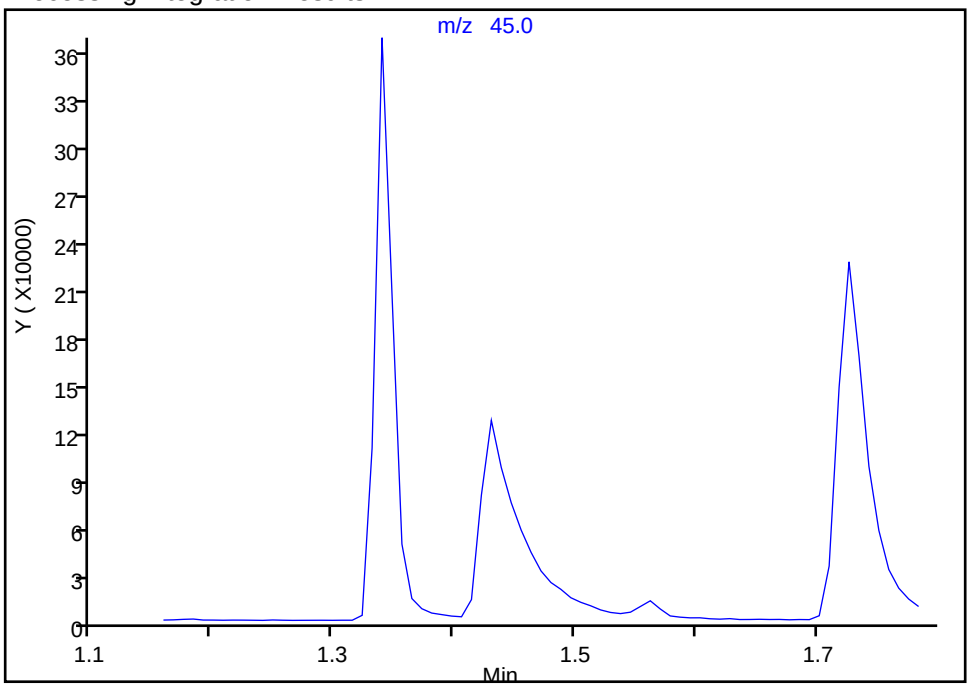
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D
Injection Date: 13-Aug-2020 11:52:30 Instrument ID: CVOAMS5
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

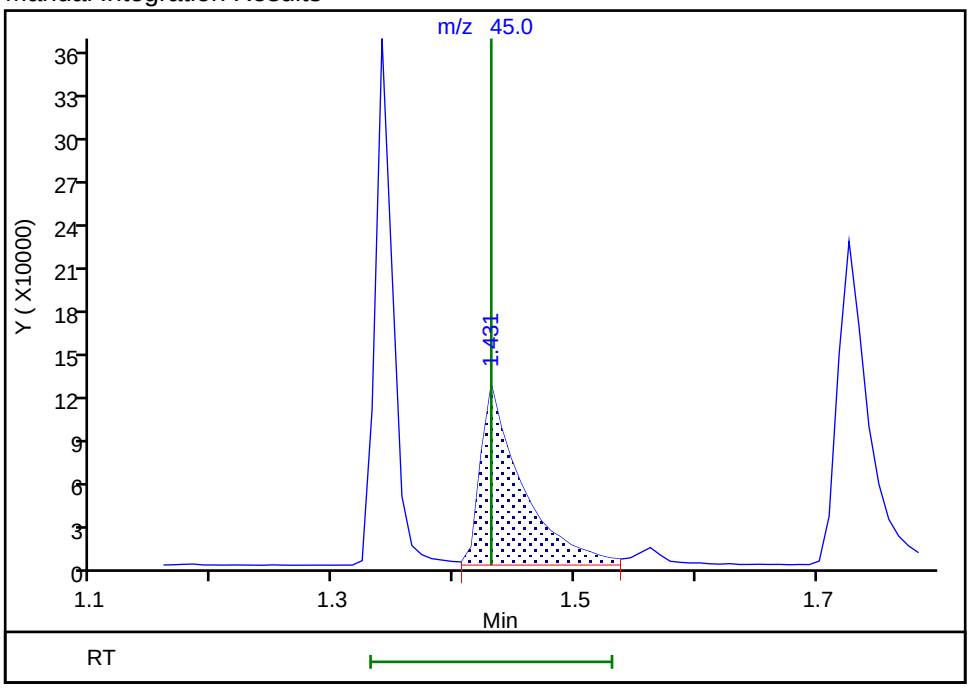
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 298222
Amount: 8185.2254
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 12:18:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

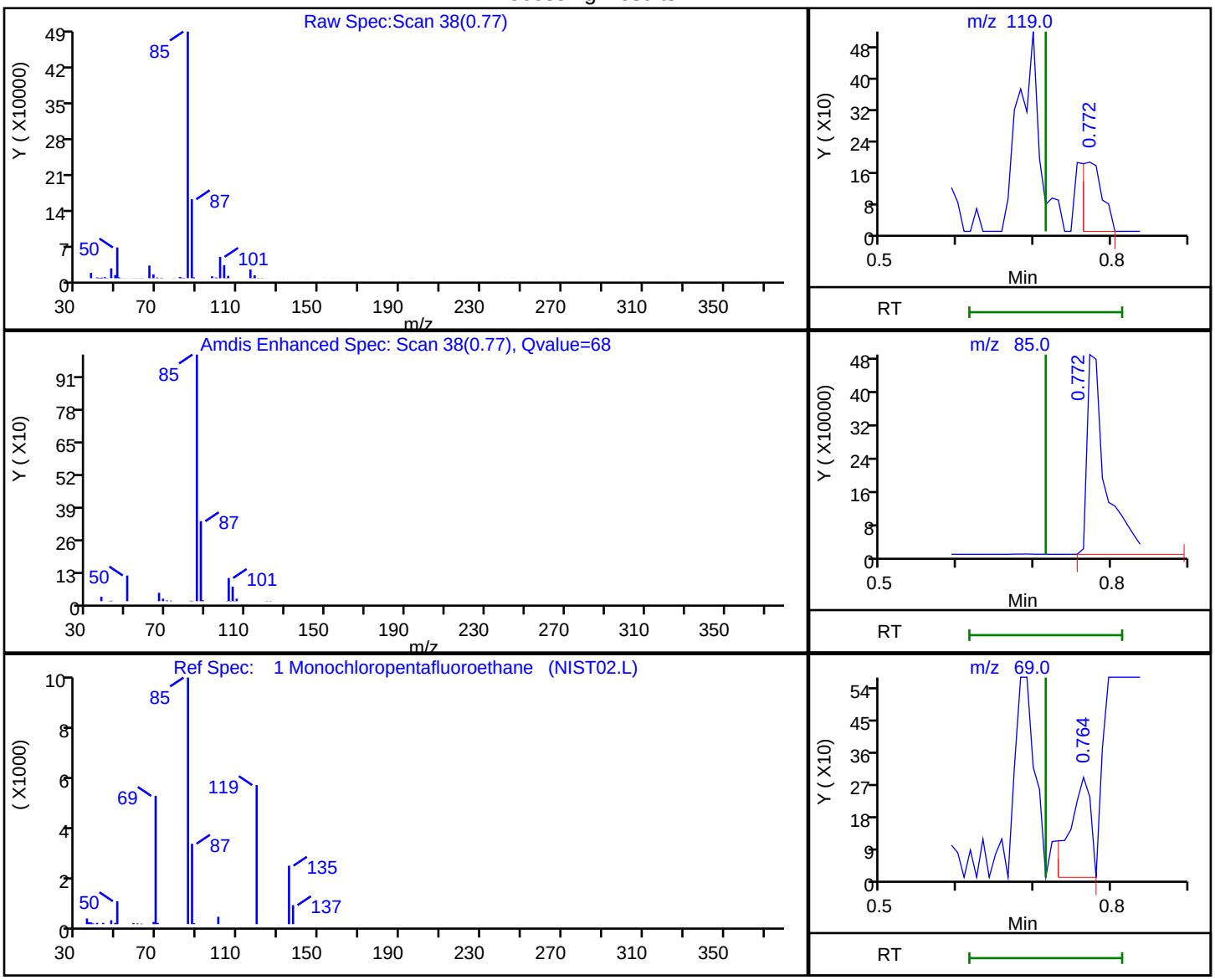
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D
Injection Date: 13-Aug-2020 11:52:30 Instrument ID: CVOAMS5
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.77	119.00	330	1.000752
0.77	85.00	827286	
0.76	69.00	527	
0.78	135.00	61	

Reviewer: delpolitov, 14-Aug-2020 12:01:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-716937/3	J04652.D
Level 2	STD1 460-716937/4	J04653.D
Level 3	STD5 460-716937/5	J04654.D
Level 4	STD20 460-716937/6	J04655.D
Level 5	STD50 460-716937/7	J04656.D
Level 6	STD200 460-716937/8	J04657.D
Level 7	STD500 460-716937/9	J04658.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0015	+++++ 0.0015	0.0076	0.0092	0.0106	Ave		0.0061				71.3	*	20.0			
Dichlorodifluoromethane	+++++ 0.2234	0.2156 0.2327	0.2625	0.2581	0.2315	Ave		0.2373			0.1000	8.0		20.0			
1,1-Difluoroethane	+++++ 0.0412	0.1332 0.0413	0.1082	0.1063	0.0963	Ave		0.0877				43.3	*	20.0			
Chlorodifluoromethane	+++++ 0.0256	0.0755 0.0257	0.0493	0.0417	0.0383	QuaF		0.0277	-0.000004						0.9960		0.9900
Chloromethane	+++++ 0.3500	0.4309 0.3598	0.3892	0.3867	0.3651	Ave		0.3803			0.1000	7.7		20.0			
Vinyl chloride	+++++ 0.3035	0.3625 0.3121	0.3436	0.3394	0.3180	Ave		0.3299			0.1000	6.8		20.0			
Butadiene	0.3109 0.2851	0.3199 0.2873	0.3516	0.3258	0.2953	Ave		0.3109				7.7		20.0			
Bromomethane	+++++ 0.1147	0.1363 +++++	0.1337	0.1200	0.0870	Ave		0.1183			0.1000	16.7		20.0			
Chloroethane	+++++ 0.1672	0.2201 0.1602	0.1883	0.1825	0.1684	Ave		0.1811			0.1000	12.0		20.0			
Dichlorofluoromethane	+++++ 0.4578	0.5523 0.4547	0.4988	0.4930	0.4620	Ave		0.4864				7.7		20.0			
Trichlorofluoromethane	+++++ 0.3358	0.3384 0.3345	0.3920	0.3751	0.3444	Ave		0.3534			0.1000	6.9		20.0			
Pentane	+++++ 0.5306	0.4637 0.5376	0.6273	0.5547	0.5351	Ave		0.5415				9.7		20.0			
Ethanol	+++++ 0.0503	0.0518 0.0530	0.0578	0.0549	0.0504	Ave		0.0530				5.5		20.0			
Ethyl ether	+++++ 0.2378	0.2777 0.2217	0.2570	0.2504	0.2389	Ave		0.2473				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2539	0.2881 0.2321	0.2959	0.2731	0.2536	Ave		0.2661				9.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1473	0.1695 0.1536	0.1559	0.1523	0.1472	Ave		0.1543				5.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3280	0.3408 0.3180	0.3465	0.3387	0.3180	Ave		0.3317				3.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1638	0.1703 0.1638	0.1725	0.1589	0.1557	Ave		0.1642			0.1000	3.9		20.0			
Acrolein	+++++ 1.2416	1.3316 1.3300	1.3525	1.1624	1.1665	Ave		1.2641				6.8		20.0			
1,1-Dichloroethene	+++++ 0.1865	0.1881 0.1859	0.2073	0.1907	0.1807	Ave		0.1899			0.1000	4.8		20.0			
Acetone	+++++ 0.6112	0.6578 0.5485	0.6204	0.5584	0.5534	Ave		0.5916			0.0500	7.6		20.0			
Iodomethane	+++++ 0.2419	0.0354 0.2315	0.0771	0.1416	0.1925	QuaF		0.2386	-0.000014						0.9990		0.9900
Carbon disulfide	+++++ 0.7997	0.8611 0.7829	0.8523	0.8190	0.7799	Ave		0.8158			0.1000	4.3		20.0			
Isopropyl alcohol	+++++ 0.7133	1.0148 0.7289	0.7719	0.7394	0.7199	Ave		0.7814				14.9		20.0			
Allyl chloride	+++++ 0.1315	0.1455 0.1295	0.1666	0.1529	0.1433	Ave		0.1449				9.5		20.0			
Cyclopentene	+++++ 0.5804	0.5987 0.5479	0.6306	0.6184	0.5804	Ave		0.5927				5.0		20.0			
Methyl acetate	+++++ 0.2810	0.3487 0.2681	0.3008	0.3028	0.2886	Ave		0.2984			0.1000	9.3		20.0			
Acetonitrile	+++++ 1.3986	1.7938 1.4838	1.3901	1.5130	1.3756	Ave		1.4925				10.6		20.0			
Methylene Chloride	+++++ 0.2446	0.2775 0.2370	0.2536	0.2504	0.2431	Ave		0.2510			0.1000	5.7		20.0			
2-Methyl-2-propanol	+++++ 1.0405	1.4551 1.0472	1.1124	1.0647	1.0197	Ave		1.1233				14.7		20.0			
Methyl tert-butyl ether	+++++ 0.8202	0.8852 0.7895	0.8567	0.8552	0.8146	Ave		0.8369			0.1000	4.2		20.0			
trans-1,2-Dichloroethene	+++++ 0.2181	0.2399 0.2124	0.2391	0.2273	0.2170	Ave		0.2256			0.1000	5.2		20.0			
Acrylonitrile	3.5940 3.3465	3.4532 3.2496	3.7338	3.6484	3.4888	Ave		3.5020				4.9		20.0			
Hexane	+++++ 0.1771	0.1310 0.1749	0.1884	0.1789	0.1695	Ave		0.1700				11.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	+++++ 1.1574	1.1931 1.0801	1.2557	1.2428	1.1765	Ave		1.1843				5.4		20.0			
1,1-Dichloroethane	+++++ 0.5432	0.5644 0.4966	0.5818	0.5759	0.5369	Ave		0.5498			0.2000	5.7		20.0			
Vinyl acetate	+++++ 0.8357	0.7699 0.8218	0.9145	0.8972	0.8340	Ave		0.8455				6.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2027	0.2276 0.1958	0.2152	0.2105	0.2002	Ave		0.2087				5.6		20.0			
Tert-butyl ethyl ether	+++++ 0.9841	1.0410 0.9260	1.0136	1.0324	0.9953	Ave		0.9987				4.2		20.0			
2,2-Dichloropropane	+++++ 0.1259	0.1674 0.1210	0.1461	0.1318	0.1235	Ave		0.1359				13.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.2499	0.2850 0.2435	0.2747	0.2677	0.2489	Ave		0.2616			0.1000	6.4		20.0			
2-Butanone (MEK)	+++++ 0.1807	0.1994 0.1800	0.2002	0.1820	0.1809	Ave		0.1872			0.0500	5.2		20.0			
Ethyl acetate	+++++ 0.1858	0.3700 0.1850	0.2044	0.1907	0.1848	Qua	0.2037	0.1853	0						1.0000		0.9900
Methyl acrylate	+++++ 0.3198	0.3846 0.3106	0.3089	0.3274	0.3162	Ave		0.3279				8.7		20.0			
Propionitrile	+++++ 1.3712	1.3953 1.3913	1.4506	1.4414	1.3989	Ave		1.4081				2.2		20.0			
Chlorobromomethane	+++++ 0.1027	0.1553 0.1012	0.1289	0.1173	0.1044	Ave		0.1183				17.8		20.0			
Tetrahydrofuran	+++++ 0.2105	0.2481 0.2042	0.2538	0.2282	0.2111	Ave		0.2260				9.3		20.0			
Methacrylonitrile	+++++ 0.1246	0.1447 0.0998	0.1334	0.1382	0.1309	Ave		0.1286				12.2		20.0			
Chloroform	+++++ 0.4523	0.5574 0.3877	0.4925	0.5004	0.4711	Ave		0.4769			0.2000	11.8		20.0			
Cyclohexane	+++++ 0.1991	0.2776 0.1975	0.2435	0.2027	0.1890	Ave		0.2182			0.1000	15.9		20.0			
1,1,1-Trichloroethane	+++++ 0.3807	0.5338 0.3702	0.4188	0.3916	0.3664	Ave		0.4103			0.1000	15.5		20.0			
Carbon tetrachloride	+++++ 0.3014	0.3324 0.2984	0.3206	0.3092	0.2901	Ave		0.3087			0.1000	5.0		20.0			
1,1-Dichloropropene	+++++ 0.3482	0.3964 0.3483	0.3647	0.3606	0.3374	Ave		0.3593				5.8		20.0			
Isobutyl alcohol	+++++ 0.6017	0.6382 0.6102	0.6070	0.6286	0.6052	Ave		0.6151				2.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2,4-Trimethylpentane	+++++ 0.4488	0.4009 0.4400	0.4547	0.4423	0.4337	Ave		0.4367				4.4		20.0			
Benzene	+++++ 1.4964	1.8259 1.4121	1.6330	1.6228	1.5386	Ave		1.5881			0.5000	9.0		20.0			
Isopropyl acetate	+++++ 1.2238	1.0304 1.1074	1.4677	1.3696	1.2143	Ave		1.2355				13.1		20.0			
Tert-amyl methyl ether	+++++ 0.2364	0.1969 0.2489	0.2205	0.2753	0.2749	Ave		0.2421				12.8		20.0			
1,2-Dichloroethane	+++++ 0.4435	0.5469 0.4238	0.4744	0.4743	0.4474	Ave		0.4684			0.1000	9.2		20.0			
n-Heptane	+++++ 0.0920	0.1230 0.0942	0.1148	0.1098	0.0886	Ave		0.1037				13.5		20.0			
n-Butanol	+++++ 0.2704	0.3575 0.3012	0.2921	0.3351	0.2602	Ave		0.3028				12.4		20.0			
Trichloroethene	+++++ 0.2412	0.2313 0.2529	0.2401	0.2478	0.2276	Ave		0.2402			0.2000	4.0		20.0			
Methylcyclohexane	+++++ 0.1703	0.1610 0.1781	0.1851	0.1801	0.1593	Ave		0.1723			0.1000	6.1		20.0			
Ethyl acrylate	+++++ 0.6088	0.7075 0.6202	0.6128	0.7076	0.5870	Ave		0.6406				8.3		20.0			
1,2-Dichloropropane	+++++ 0.2933	0.3533 0.3044	0.2937	0.2971	0.2861	Ave		0.3047			0.1000	8.1		20.0			
Methyl methacrylate	+++++ 0.0649	0.0646 0.0681	0.0607	0.0648	0.0616	Ave		0.0641				4.2		20.0			
Dibromomethane	+++++ 0.1792	0.2228 0.1755	0.1806	0.1725	0.1684	Ave		0.1832				10.9		20.0			
1,4-Dioxane	+++++ 1.0407	1.2746 0.9428	1.2100	1.1207	1.0419	Ave		1.1051				11.0		20.0			
n-Propyl acetate	+++++ 0.5656	0.5735 0.5639	0.5492	0.5683	0.5505	Ave		0.5619				1.8		20.0			
Dichlorobromomethane	+++++ 0.3608	0.3409 0.3694	0.3517	0.3549	0.3459	Ave		0.3539			0.2000	2.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2049	0.2185 0.2052	0.2106	0.2095	0.2012	Ave		0.2083				2.9		20.0			
2-Nitropropane	+++++ 3.0181	4.0040 3.2222	3.3823	3.0620	2.9885	Ave		3.2795				11.7		20.0			
Epichlorohydrin	0.1382 0.1729	0.1723 0.1777	0.1769	0.1666	0.1653	Ave		0.1671				8.1		20.0			
cis-1,3-Dichloropropene	+++++ 0.6545	0.6755 0.6641	0.6742	0.6589	0.6402	Ave		0.6612			0.2000	2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone (MIBK)	+++++ 1.9065	1.8732 1.8548	1.8298	1.8425	1.8494	Ave		1.8594			0.0500	1.5		20.0			
Toluene	+++++ 1.3492	1.5944 1.3354	1.3862	1.3422	1.3188	Ave		1.3877			0.4000	7.5		20.0			
trans-1,3-Dichloropropene	+++++ 0.6218	0.6586 0.6295	0.6441	0.6336	0.6093	Ave		0.6328			0.1000	2.7		20.0			
Ethyl methacrylate	+++++ 0.3767	0.4043 0.3849	0.3390	0.3615	0.3578	Ave		0.3707				6.2		20.0			
1,1,2-Trichloroethane	+++++ 0.3001	0.3328 0.3114	0.3219	0.3020	0.2973	Ave		0.3109			0.1000	4.5		20.0			
Tetrachloroethene	+++++ 0.2097	0.2300 0.2138	0.2146	0.2124	0.2080	Ave		0.2148			0.2000	3.7		20.0			
1,3-Dichloropropane	+++++ 0.5795	0.6204 0.5773	0.5932	0.5976	0.5786	Ave		0.5911				2.8		20.0			
2-Hexanone	+++++ 0.6421	0.6067 0.6604	0.6014	0.6066	0.6132	Ave		0.6217			0.0500	3.8		20.0			
n-Butyl acetate	+++++ 0.8504	0.9361 0.8108	0.8739	0.8680	0.8531	Ave		0.8654				4.7		20.0			
Chlorodibromomethane	+++++ 0.3582	0.3929 0.3633	0.3588	0.3574	0.3467	Ave		0.3629			0.1000	4.3		20.0			
Ethylene Dibromide	+++++ 0.3414	0.3471 0.3393	0.3526	0.3507	0.3387	Ave		0.3450			0.1000	1.7		20.0			
Chlorobenzene	+++++ 0.7564	0.8127 0.7655	0.7788	0.7661	0.7384	Ave		0.7697			0.5000	3.2		20.0			
Ethylbenzene	+++++ 0.3570	0.3733 0.3660	0.3732	0.3472	0.3446	Ave		0.3602			0.1000	3.5		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3007	0.2949 0.3111	0.3050	0.2993	0.2896	Ave		0.3001				2.5		20.0			
m-Xylene & p-Xylene	+++++ 0.4165	0.4292 0.4184	0.4337	0.4206	0.4109	Ave		0.4216			0.1000	2.0		20.0			
n-Butyl acrylate	+++++ 0.3337	0.3398 0.3471	0.3333	0.3239	0.3171	Ave		0.3325				3.2		20.0			
o-Xylene	+++++ 0.4379	0.4602 0.4466	0.4457	0.4303	0.4226	Ave		0.4406			0.3000	3.0		20.0			
Styrene	+++++ 0.8105	0.8364 0.8164	0.8041	0.7960	0.7779	Ave		0.8069			0.3000	2.4		20.0			
Amyl acetate (mixed isomers)	+++++ 2.3955	2.7727 2.2932	2.6312	2.4731	2.3513	Ave		2.4862				7.3		20.0			
Bromoform	+++++ 0.2463	0.2097 0.2614	0.2289	0.2297	0.2273	Ave		0.2339			0.1000	7.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	+++++ 0.8412	0.8611 0.8487	0.8518	0.8425	0.8093	Ave		0.8424			0.1000	2.1		20.0			
Bromobenzene	+++++ 0.7560	0.8498 0.7560	0.8027	0.7506	0.7438	Ave		0.7765				5.4		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.1996	1.2783 1.2185	1.2602	1.1805	1.1349	Ave		1.2120			0.3000	4.3		20.0			
N-Propylbenzene	+++++ 2.5916	2.8346 2.5762	2.7970	2.6831	2.5527	Ave		2.6726				4.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2972	0.4155 0.2986	0.3237	0.3073	0.2904	Ave		0.3221				14.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4420	0.4931 0.4506	0.4554	0.4444	0.4300	Ave		0.4526				4.8		20.0			
2-Chlorotoluene	+++++ 2.1384	2.2515 2.1690	2.2496	2.1030	2.0430	Ave		2.1591				3.8		20.0			
4-Ethyltoluene	+++++ 2.0817	2.3093 2.0300	2.2644	2.1489	2.0550	Ave		2.1482				5.4		20.0			
1,3,5-Trimethylbenzene	+++++ 1.7729	1.8006 1.7685	1.9229	1.7848	1.7039	Ave		1.7922				4.0		20.0			
4-Chlorotoluene	+++++ 2.1123	2.1671 2.0081	2.1284	2.0873	2.0168	Ave		2.0867				3.0		20.0			
Butyl Methacrylate	+++++ 1.1330	1.1851 1.1416	1.1801	1.1410	1.1062	Ave		1.1478				2.6		20.0			
tert-Butylbenzene	+++++ 1.2716	1.4012 1.2735	1.4208	1.2662	1.2226	Ave		1.3093				6.2		20.0			
1,2,4-Trimethylbenzene	+++++ 1.9081	1.9687 1.9050	1.9709	1.8475	1.8798	Ave		1.9133				2.6		20.0			
sec-Butylbenzene	+++++ 1.8228	1.9776 1.8349	2.0160	1.8716	1.7787	Ave		1.8836				5.0		20.0			
1,3-Dichlorobenzene	+++++ 1.1183	1.1929 1.0830	1.1212	1.1051	1.0662	Ave		1.1145			0.6000	3.9		20.0			
4-Isopropyltoluene	+++++ 1.6117	1.8469 1.6489	1.7129	1.5343	1.5106	Ave		1.6442				7.5		20.0			
1,4-Dichlorobenzene	+++++ 1.1510	1.3163 1.1388	1.2287	1.1398	1.1197	Ave		1.1824			0.5000	6.4		20.0			
1,2,3-Trimethylbenzene	+++++ 2.0511	2.0593 2.0290	2.1820	2.0670	2.0279	Ave		2.0694				2.8		20.0			
Benzyl chloride	+++++ 2.0496	2.1796 1.9377	2.1599	2.1235	2.0165	Ave		2.0778				4.5		20.0			
Indan	+++++ 2.1203	2.4181 1.9862	2.2085	2.1510	2.0995	Ave		2.1639				6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Diethylbenzene	+++++ 0.8002	0.8810 0.7765	0.8247	0.8227	0.7914	Ave		0.8161				4.5		20.0			
n-Butylbenzene	+++++ 0.8699	0.8623 0.8877	0.9074	0.8389	0.8185	Ave		0.8641				3.7		20.0			
1,2-Dichlorobenzene	+++++ 1.1751	1.1960 1.1773	1.1879	1.1545	1.1613	Ave		1.1754			0.4000	1.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.5932	1.6313 1.5582	1.6941	1.6117	1.5996	Ave		1.6147				2.8		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2184	0.2223 0.2226	0.2276	0.2173	0.2125	Ave		0.2201			0.0500	2.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.5894	0.5967 0.5937	0.6396	0.5875	0.5836	Ave		0.5984				3.5		20.0			
1,2,4-Trichlorobenzene	+++++ 0.5755	0.6113 0.5910	0.6170	0.5713	0.5593	Ave		0.5876			0.2000	3.9		20.0			
Hexachlorobutadiene	+++++ 0.2336	0.2338 0.2403	0.2433	0.2363	0.2237	Ave		0.2352				2.9		20.0			
Naphthalene	+++++ 2.1481	2.4165 2.1301	2.2898	2.1692	2.1131	Ave		2.2112				5.4		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5551	0.5566 0.5699	0.6081	0.5593	0.5573	Ave		0.5677				3.6		20.0			
Dibromofluoromethane (Surr)	0.2270 0.2330	0.2351 0.2295	0.2344	0.2359	0.2280	Ave		0.2319				1.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3526 0.3701	0.3754 0.3585	0.3737	0.3763	0.3649	Ave		0.3674				2.5		20.0			
Toluene-d8 (Surr)	1.1005 1.1384	1.1397 1.1287	1.1551	1.1374	1.1350	Ave		1.1336				1.5		20.0			
4-Bromofluorobenzene	0.2810 0.2737	0.2782 0.2759	0.2788	0.2747	0.2679	Ave		0.2758				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-716937/3	J04652.D
Level 2	STD1 460-716937/4	J04653.D
Level 3	STD5 460-716937/5	J04654.D
Level 4	STD20 460-716937/6	J04655.D
Level 5	STD50 460-716937/7	J04656.D
Level 6	STD200 460-716937/8	J04657.D
Level 7	STD500 460-716937/9	J04658.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 2352	+++++ 6064	310	1475	4338	+++++ 200	+++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 362221	1754 941841	10750	41340	95053	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	+++++ 66772	1084 167191	4429	17032	39520	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	QuaF	+++++ 41564	614 104109	2017	6673	15712	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 567422	3506 1456107	15935	61933	149893	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 492012	2950 1263199	14071	54363	130562	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	649 462261	2603 1162628	14399	52181	121251	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 185988	1109 +++++	5475	19218	35708	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 271066	1791 648309	7709	29223	69155	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 742170	4494 1840148	20424	78952	189667	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 544346	2754 1353727	16053	60076	141396	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 63594	276 150990	1806	6504	15941	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 120652	616 297608	3330	12885	30052	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 385494	2260 897332	10523	40104	98060	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 411572	2344 939079	12118	43732	104106	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 238824	1379 621762	6385	24391	60437	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 531813	2773 1286730	14189	54253	130571	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 265593	1386 663020	7064	25448	63927	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 74405	1585 149409	7788	13631	34750	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 302350	1531 752100	8488	30537	74192	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 948789	5085 2096793	23367	86516	216331	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	+++++ 392130	288 936845	3158	22686	79046	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1296460	7007 3168417	34901	131161	320179	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 427472	3020 1023468	11112	43351	107225	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 213132	1184 523993	6821	24491	58849	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 940982	4872 2217291	25820	99034	238298	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 911055	5675 2170279	24637	97006	236967	+++++ 400	2.00 1000	10.0	40.0	100
Acetonitrile	TBAd9	Ave	+++++ 838108	5338 2083588	20011	88708	204898	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 396485	2258 959140	10384	40104	99787	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 623528	4330 1470508	16013	62422	151885	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1329674	7203 3194876	35078	136972	334422	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 353542	1952 859684	9792	36404	89071	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	2056 2005399	10276 4563086	53750	213907	519662	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 287136	1066 707669	7714	28655	69581	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1876372	9709 4371084	51419	199038	483006	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 880620	4593 2009485	23823	92235	220435	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Vinyl acetate	FB	Ave	+++++ 2709585	12530 6651021	74897	287383	684805	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 328694	1852 792263	8812	33707	82194	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1595379	8471 3747436	41503	165343	408630	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 204045	1362 489823	5981	21109	50685	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 405104	2319 985592	11248	42870	102166	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 280468	1541 688175	7539	28195	70719	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Qua	+++++ 115394	1144 282960	3080	11818	28902	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 518456	3130 1257122	12647	52435	129821	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 821684	4152 1953723	20882	84512	208364	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 166544	1264 409445	5279	18781	42848	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 130736	767 312216	3824	14145	33011	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 2019336	11774 4039379	54641	221302	537497	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 733221	4536 1568853	20166	80137	193424	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 322801	2259 799384	9970	32462	77607	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 617168	4344 1498262	17148	62721	150423	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 488642	2705 1207438	13128	49519	119093	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 564459	3226 1409684	14932	57752	138502	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 901373	4748 2142281	21845	92132	225358	+++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	+++++ 727635	3262 1780491	18618	70840	178066	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 1648866	9542 3937862	42980	172213	415903	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1983935	8385 4481353	60099	219353	498521	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	+++++ 383180	1602 1007418	9029	44099	112841	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 718937	4450 1714997	19427	75969	183664	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 149200	1001 381359	4700	17584	36369	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 405072	2660 1057398	10511	49125	96897	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 391097	1882 1023582	9830	39688	93445	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 276059	1310 720924	7578	28849	65409	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 986919	5757 2509927	25094	113328	240971	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 475517	2875 1231663	12027	47586	117451	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 210306	1051 550989	4967	20758	50562	+++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	+++++ 290490	1813 710359	7394	27621	69141	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 108797	1447 289337	2706	10458	25288	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 916968	4667 2282024	22489	91021	226020	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 584867	2774 1495035	14403	56834	142011	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 332961	1782 832564	8644	33627	82817	+++++ 200	1.00 501	5.01	20.0	50.1
2-Nitropropane	TBAd9	Ave	+++++ 361727	2383 904921	9738	35906	89027	+++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1038 1073359	5328 2717037	26653	103264	258497	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 721140	3530 1851976	17746	69926	173069	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2959628	14480 7091112	68919	285458	723021	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 1486618	8332 3723944	36484	142442	356487	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 685090	3442 1755531	16952	67236	164714	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 610658	3290 1557441	13881	57900	146874	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 330676	1739 868313	8472	32049	80355	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 231029	1202 596310	5648	22541	56238	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 638526	3242 1609897	15612	63421	156409	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 996805	4690 2524935	22652	93988	239708	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 936985	4892 2260945	23001	92111	230606	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 394684	2053 1013154	9443	37926	93724	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 376197	1814 946213	9280	37222	91554	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 833500	4247 2134681	20497	81305	199604	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 393419	1951 1020503	9823	36844	93164	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 331280	1541 867579	8028	31759	78277	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 458948	2243 1166773	11416	44634	111068	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 367711	1776 968056	8772	34373	85718	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 482482	2405 1245424	11732	45661	114243	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 893068	4371 2276758	21165	84478	210285	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1033086	5325 2599949	24988	100487	245022	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 271358	1096 728889	6026	24374	61432	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 926901	4500 2366737	22419	89411	218768	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 326022	1632 857172	7623	30497	77508	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 517338	2455 1381478	11968	47967	118260	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 1117667	5444 2920833	26563	109022	266002	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 128171	798 338495	3074	12485	30256	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 190598	947 510885	4325	18056	44806	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 922231	4324 2459169	21364	85448	212895	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 897748	4435 2301553	21505	87314	214137	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 764581	3458 2005043	18261	72519	177560	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 910980	4162 2276703	20213	84812	210161	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 488639	2276 1294306	11207	46361	115275	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 548393	2691 1443897	13493	51449	127402	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 822900	3781 2159796	18717	75069	195883	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 786123	3798 2080341	19146	76049	185346	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 482264	2291 1227928	10648	44904	111104	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 695088	3547 1869507	16267	62343	157416	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 496377	2528 1291193	11669	46311	116675	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 884581	3955 2300390	20722	83987	211320	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 883911	4186 2196920	20512	86284	210134	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 914408	4644 2251927	20974	87401	218778	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 345097	1692 880379	7832	33428	82472	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 375178	1656 1006449	8617	34086	85293	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 506794	2297 1334764	11281	46910	121016	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 687104	3133 1766705	16089	65488	166687	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 94196	427 252333	2161	8831	22139	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 254193	1146 673129	6074	23870	60812	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716937

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 04:48 Calibration End Date: 08/15/2020 07:17 Calibration ID: 81540

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 248176	1174 670068	5860	23214	58279	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 100757	449 272430	2311	9603	23314	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 926415	4641 2415077	21746	88139	220199	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 239374	1069 646089	5775	22726	58075	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	94779 94432	95669 92891	95984	94471	93585	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	147207 149991	152754 145065	153011	150679	149821	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	290950 313603	297806 314737	304032	301758	306822	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	74298 75408	72697 76928	73389	72893	72407	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 15-Aug-2020 04:48:30 ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0115118-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:09:39 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: boykink Date: 15-Aug-2020 19:09:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.607	1.606	0.001	87	649	0.2500	0.2500	
* 31 TBA-d9 (IS)	65	2.988	2.987	0.001	76	286034	1000.0	1000.0	
35 Acrylonitrile	53	3.251	3.250	0.001	92	2056	2.00	2.05	
* 43 2-Butanone-d5	46	4.061	4.060	0.001	85	375565	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.518	4.517	0.001	94	94779	50.0	49.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.872	4.871	0.001	0	147207	50.0	48.0	
* 66 Fluorobenzene	96	5.146	5.145	0.001	96	417485	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.865	5.864	0.001	0	22764	1000.0	1000.0	
80 Epichlorohydrin	57	6.539	6.538	0.001	91	1038	5.00	4.13	
$ 83 Toluene-d8 (Surr)	98	6.824	6.834	-0.010	97	290950	50.0	48.5	
* 94 Chlorobenzene-d5	117	8.639	8.638	0.001	92	264369	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.975	9.985	-0.010	83	74298	50.0	51.0	
* 121 1,4-Dichlorobenzene-d4	152	10.889	10.887	0.002	98	96885	50.0	50.0	

Reagents:

GASES Li_00381	Amount Added:	2.50	Units: uL	
ACROLEIN W_00110	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00076	Amount Added:	20.00	Units: uL	
Ethanol mix_00043	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	0.00	Units: uL	
MIX I Hi_00128	Amount Added:	0.00	Units: uL	
GAS Hi_00368	Amount Added:	0.00	Units: uL	
524freon_00026	Amount Added:	0.00	Units: uL	
8FreonHi_00022	Amount Added:	0.00	Units: uL	
14DIOXINTER_00118	Amount Added:	0.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

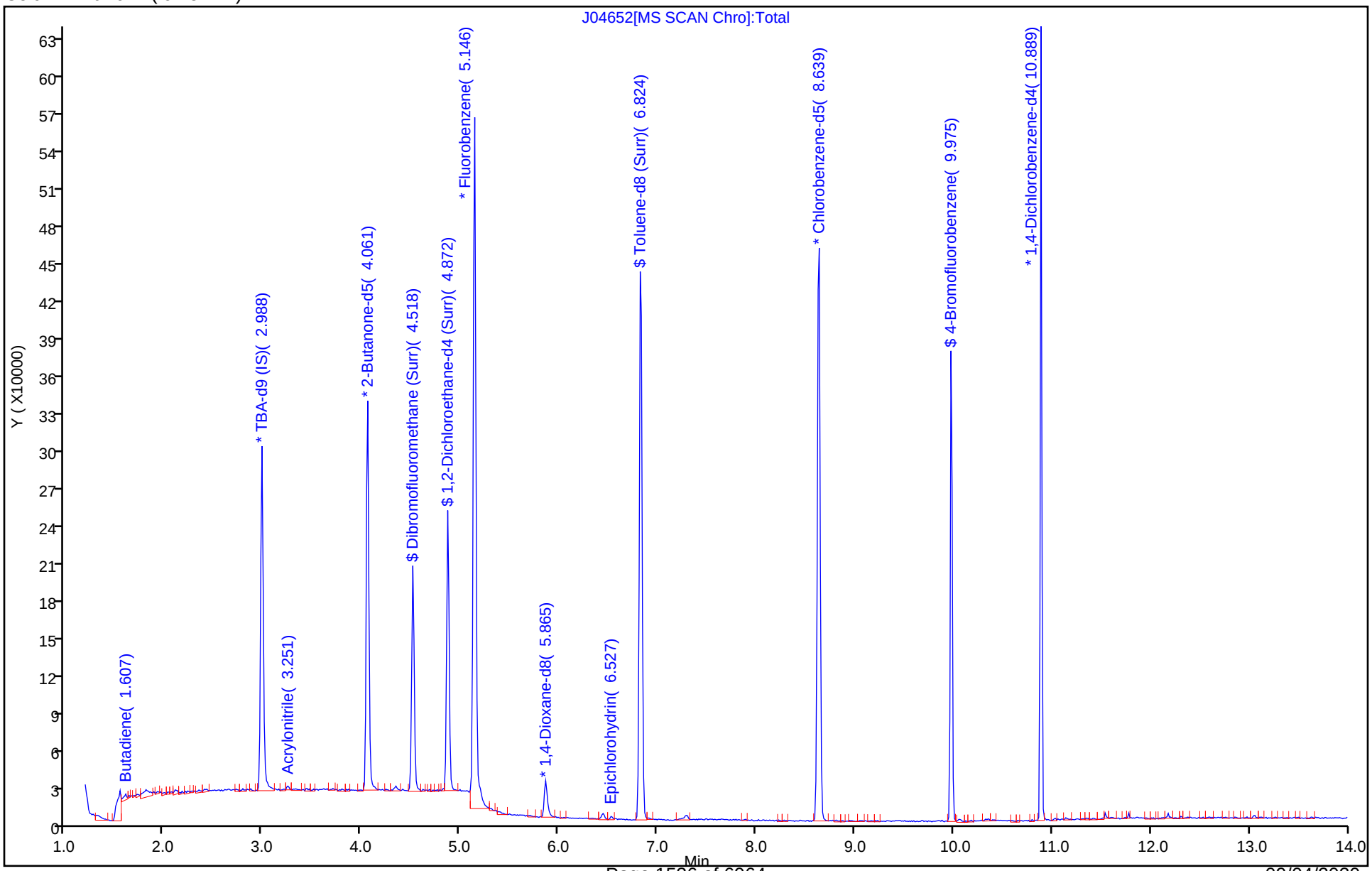
Report Date: 16-Aug-2020 12:09:39 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D

Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



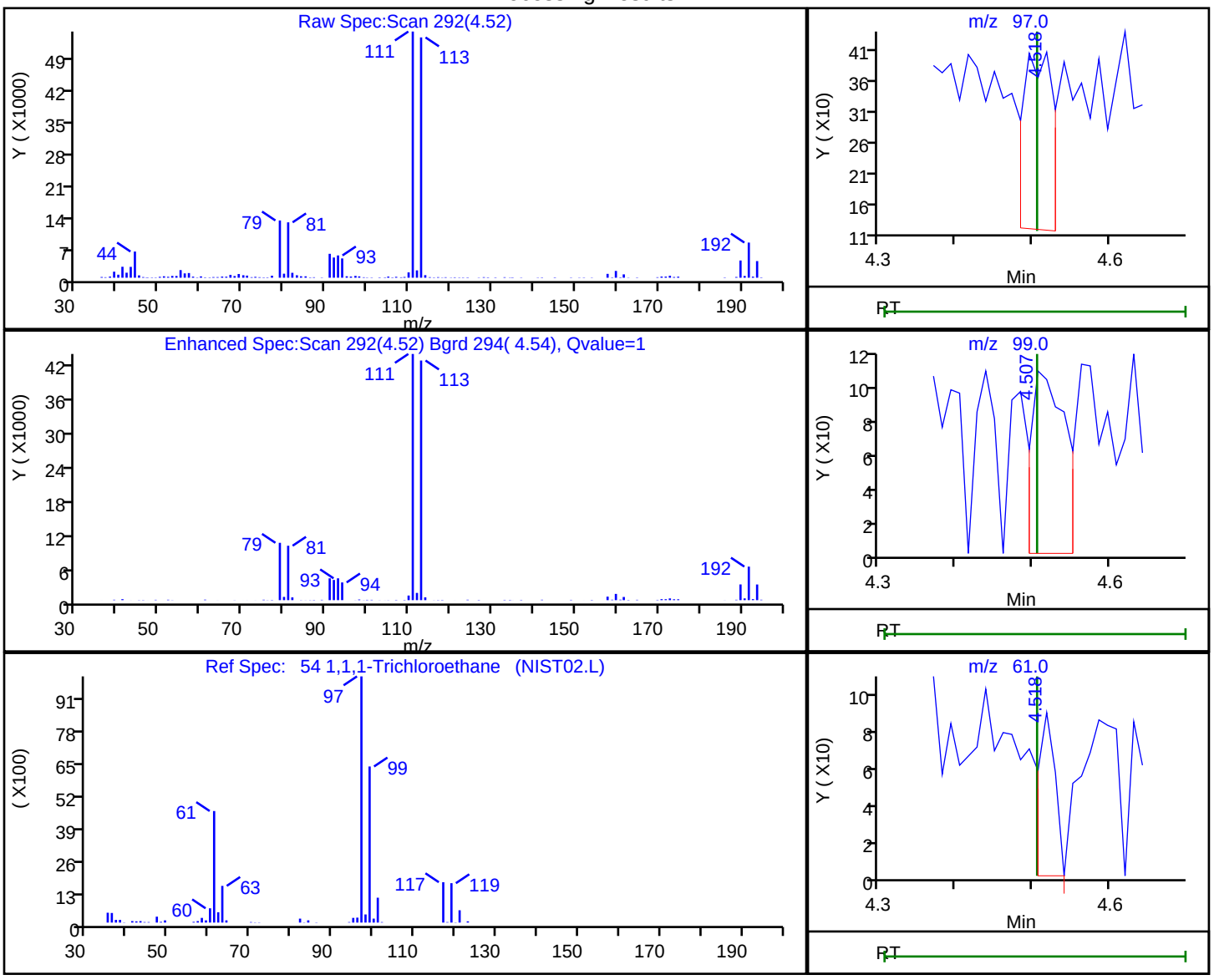
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
4.52	97.00	829	0.237942
4.51	99.00	342	
4.52	61.00	140	

Reviewer: boykink, 15-Aug-2020 19:08:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

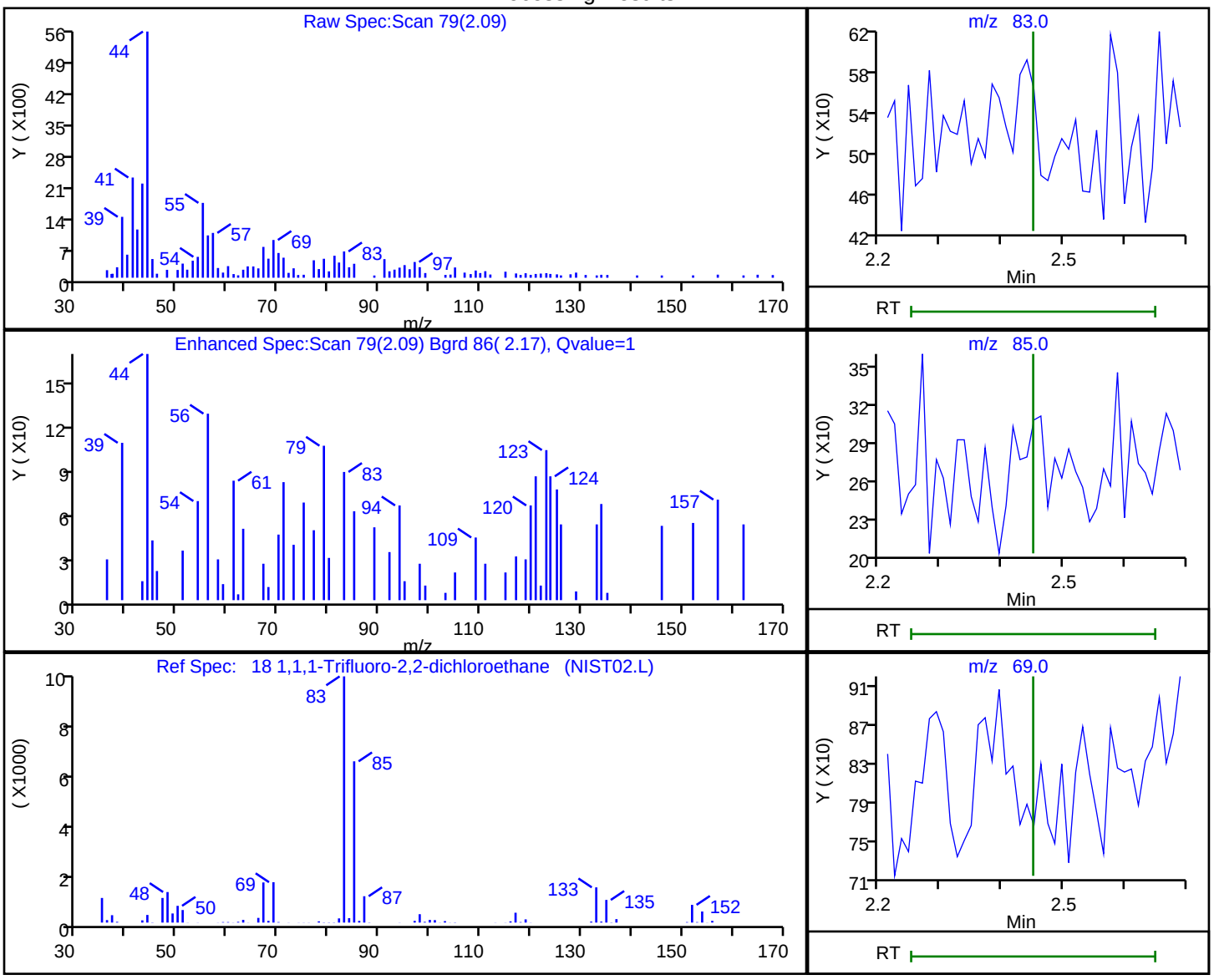
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.09	83.00	390	2.023657
2.10	85.00	189	
2.11	69.00	899	
2.11	67.00	962	

Reviewer: boykink, 15-Aug-2020 19:07:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

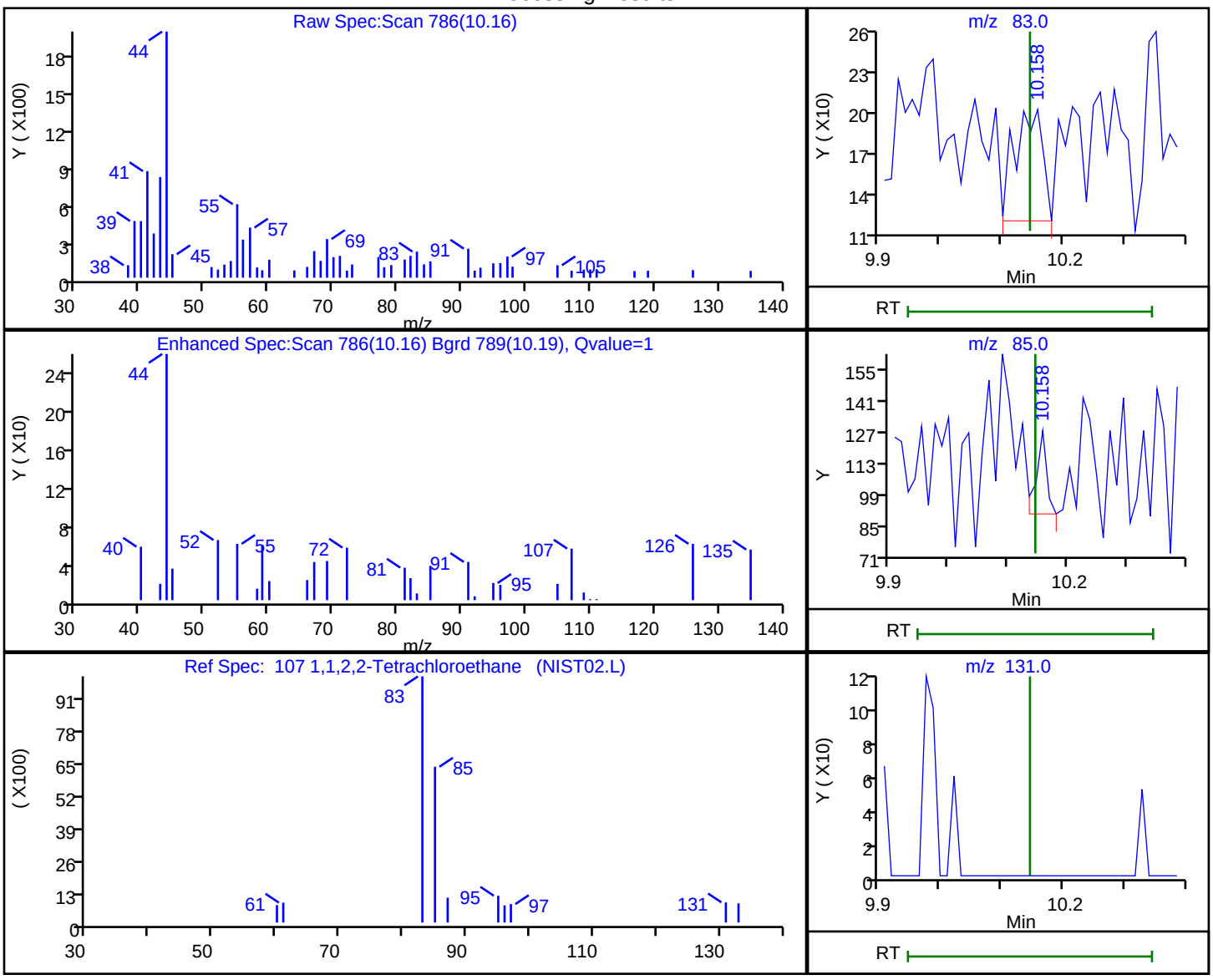
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.16	83.00	245	0.104323
10.16	85.00	46	
10.15	131.00	0	

Reviewer: boykink, 15-Aug-2020 19:09:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

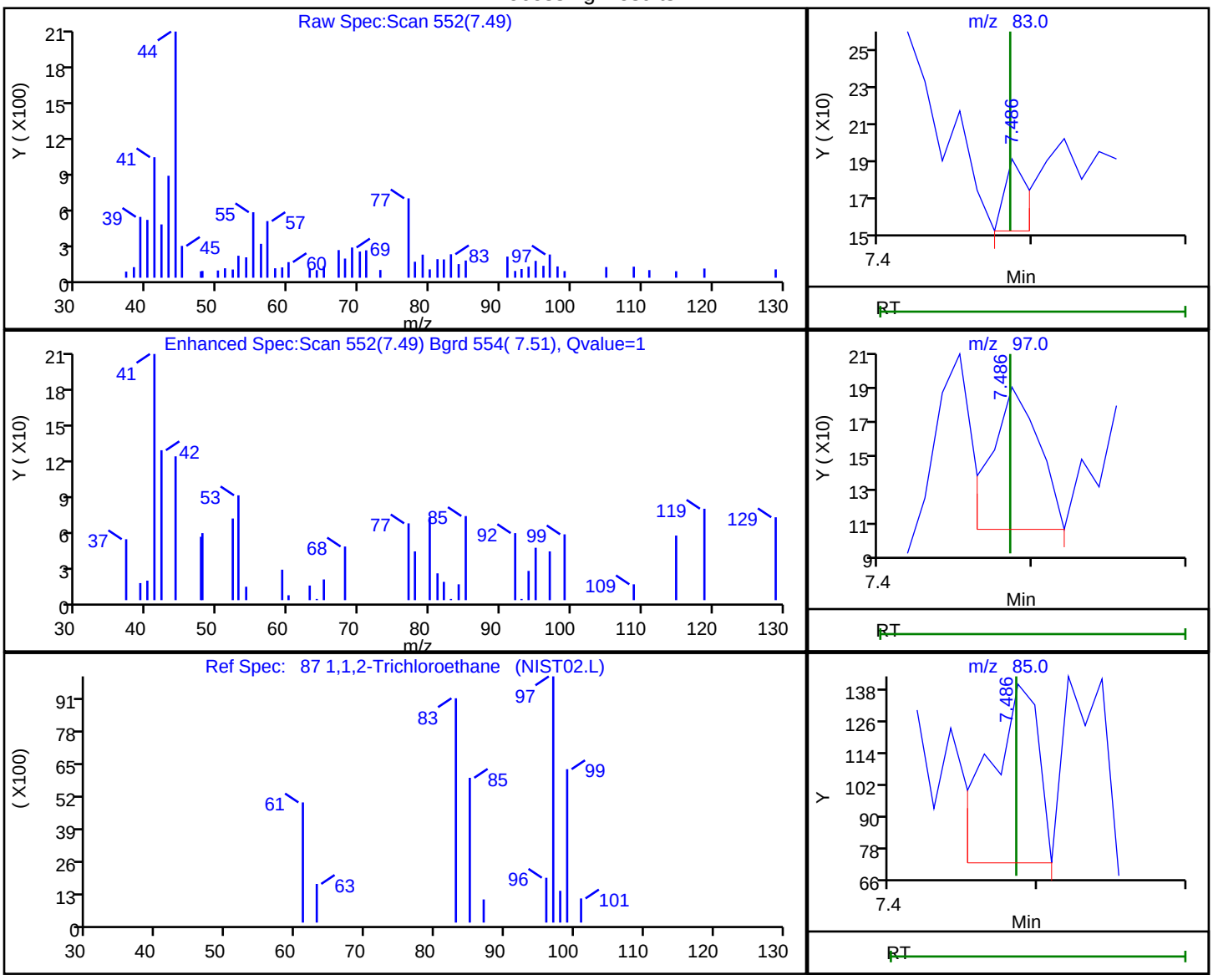
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.49	83.00	42	0.025562
7.49	97.00	169	
7.49	85.00	160	

Reviewer: boykink, 15-Aug-2020 19:08:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

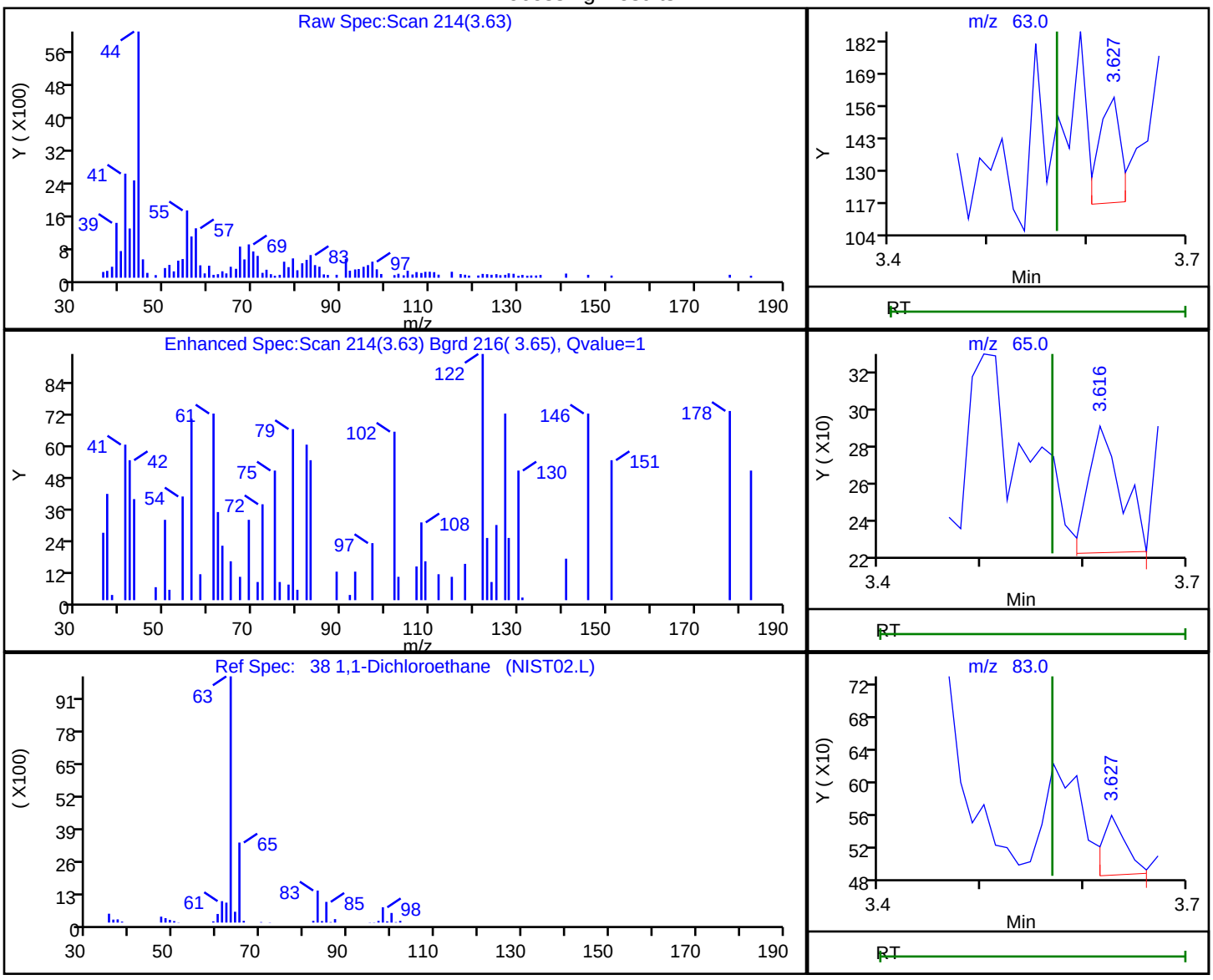
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.63	63.00	69	0.015030
3.62	65.00	150	
3.63	83.00	117	

Reviewer: boykink, 15-Aug-2020 19:08:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

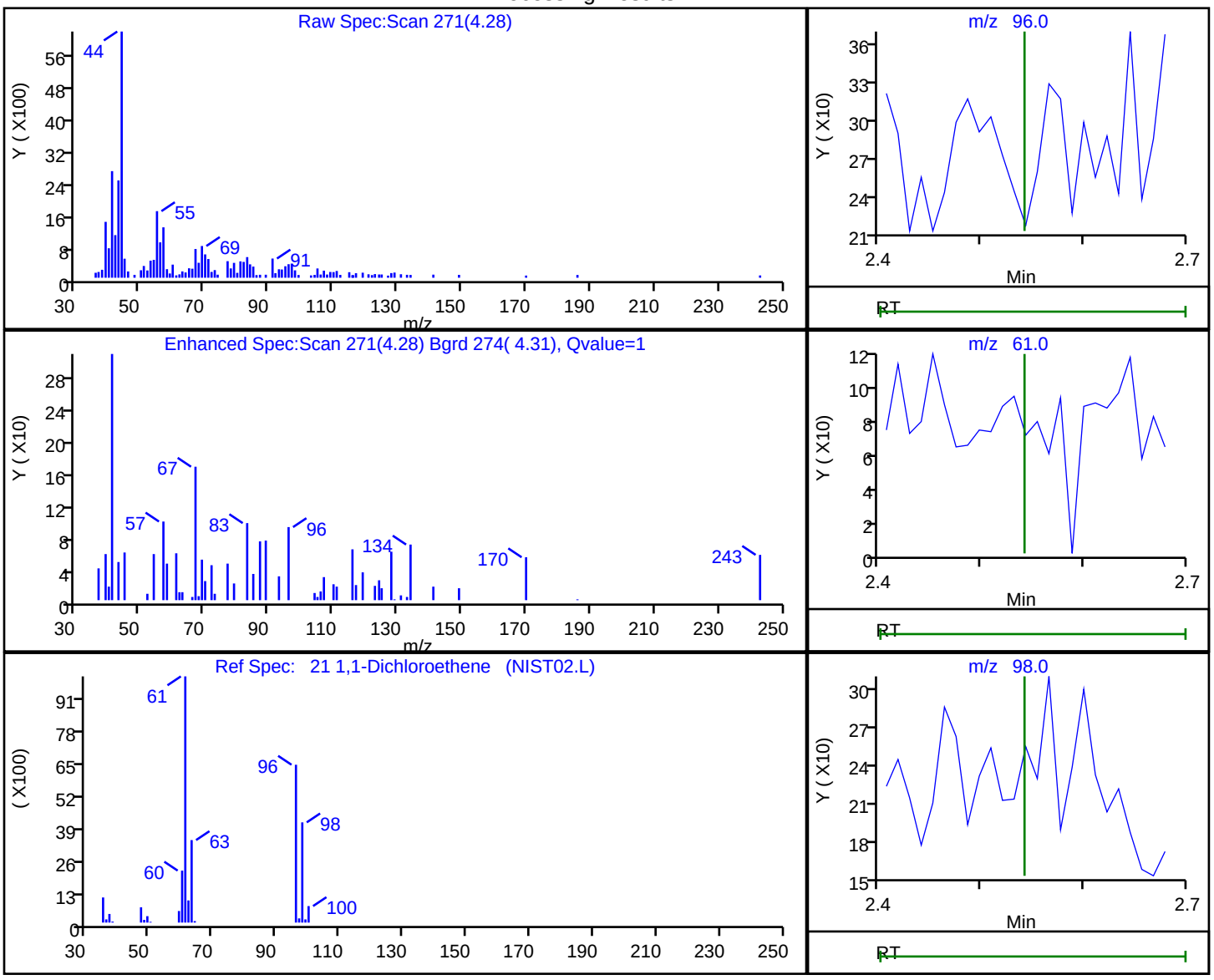
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
4.28	96.00	138	0.066197
4.30	61.00	205	
4.29	98.00	280	
4.28	63.00	195	

Reviewer: boykink, 15-Aug-2020 19:08:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

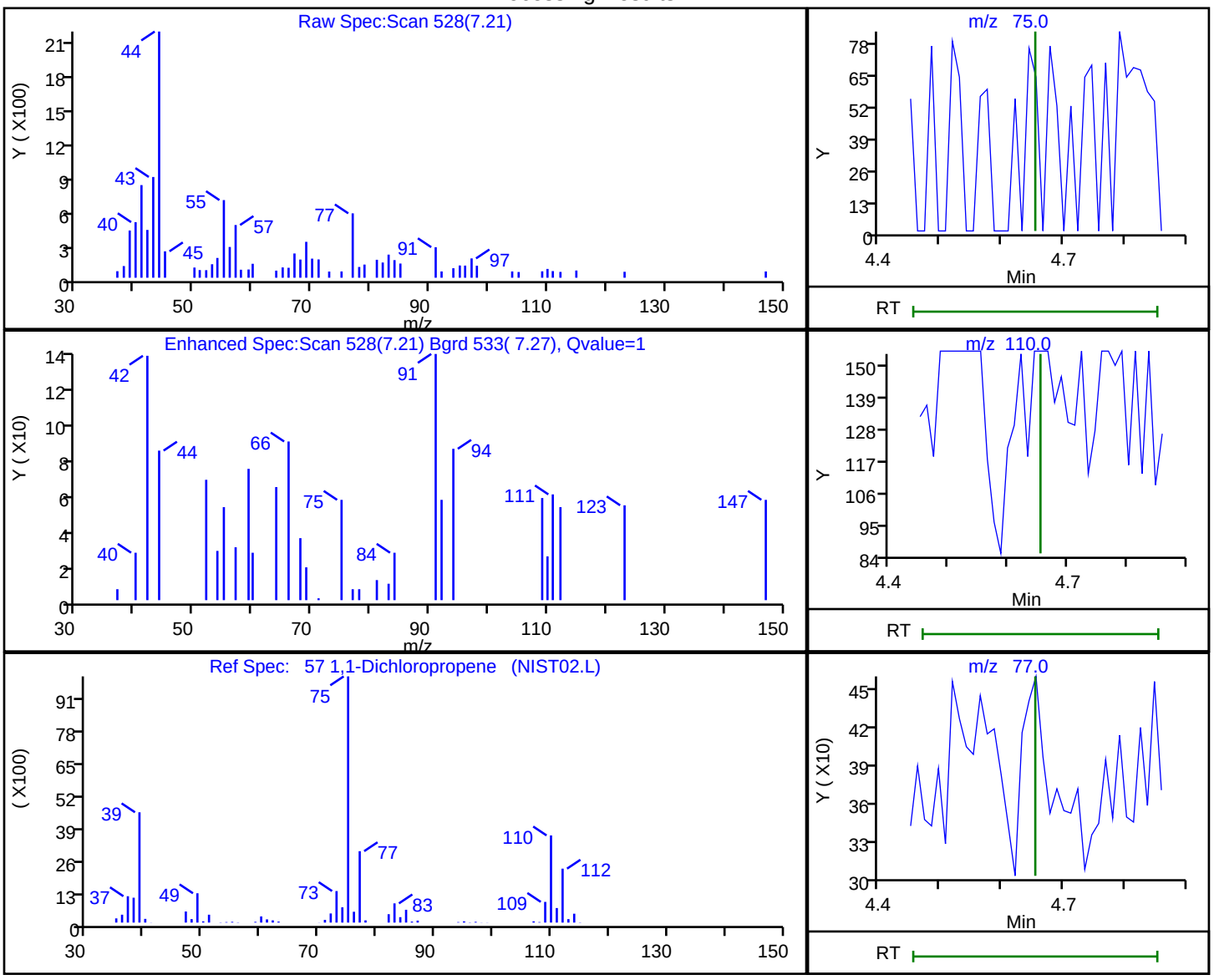
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
7.21	75.00	110	0.031433
7.21	110.00	225	
7.24	77.00	2683	

Reviewer: boykink, 15-Aug-2020 19:08:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

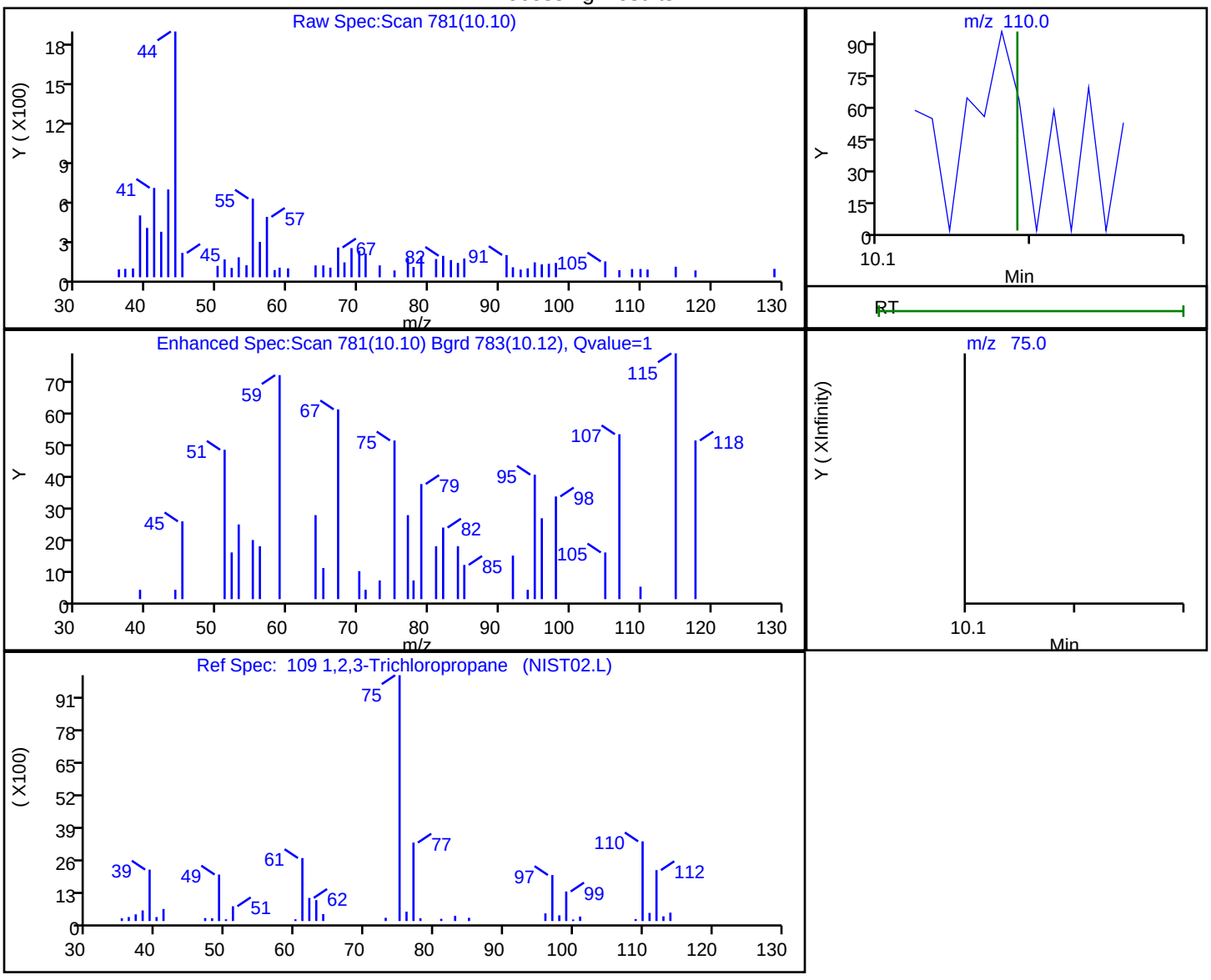
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
10.10	110.00	42	0.067294
10.10	75.00	35	

Reviewer: boykink, 15-Aug-2020 19:09:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

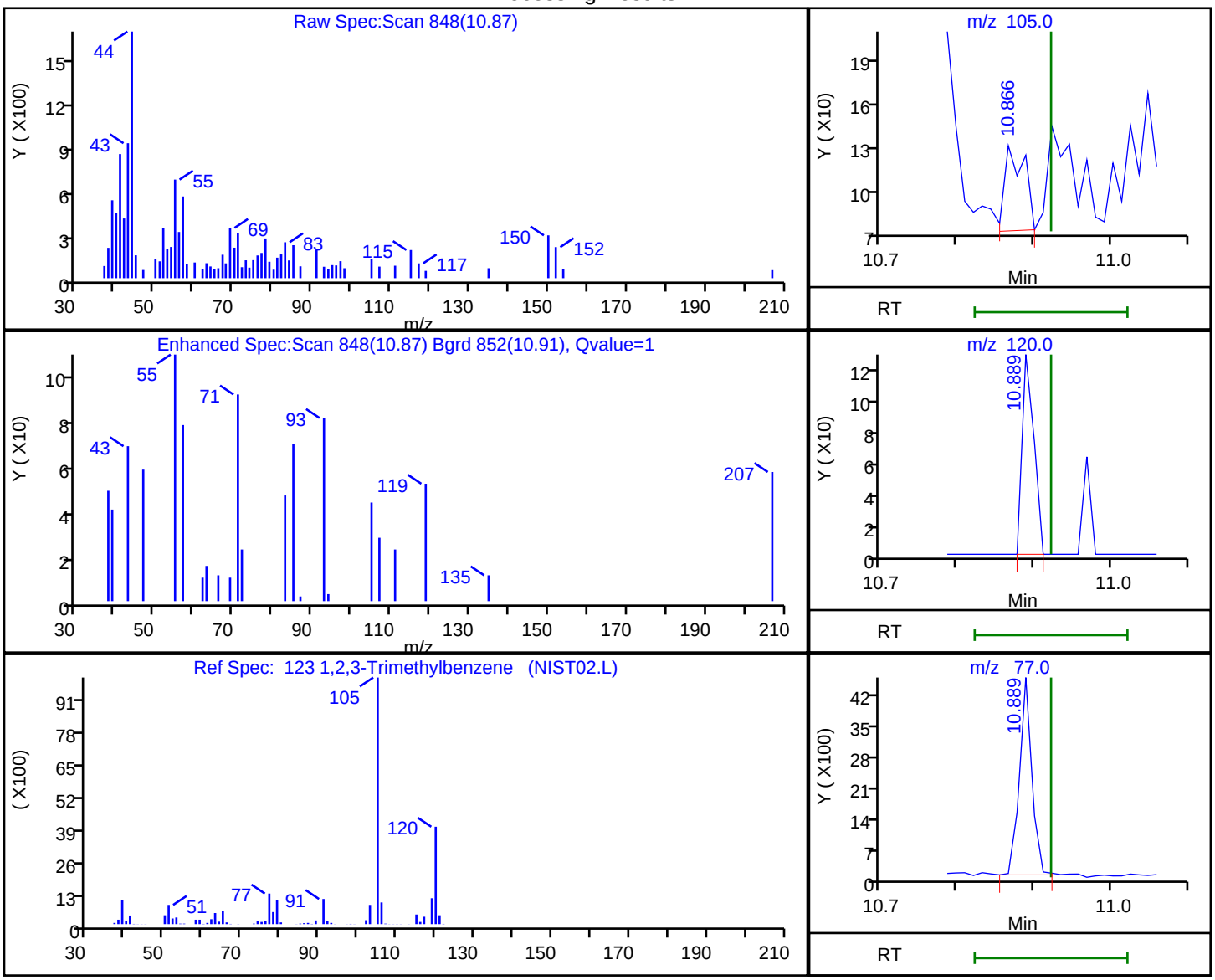
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.87	105.00	96	0.023941
10.89	120.00	134	
10.89	77.00	4968	

Reviewer: baronm, 16-Aug-2020 11:09:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

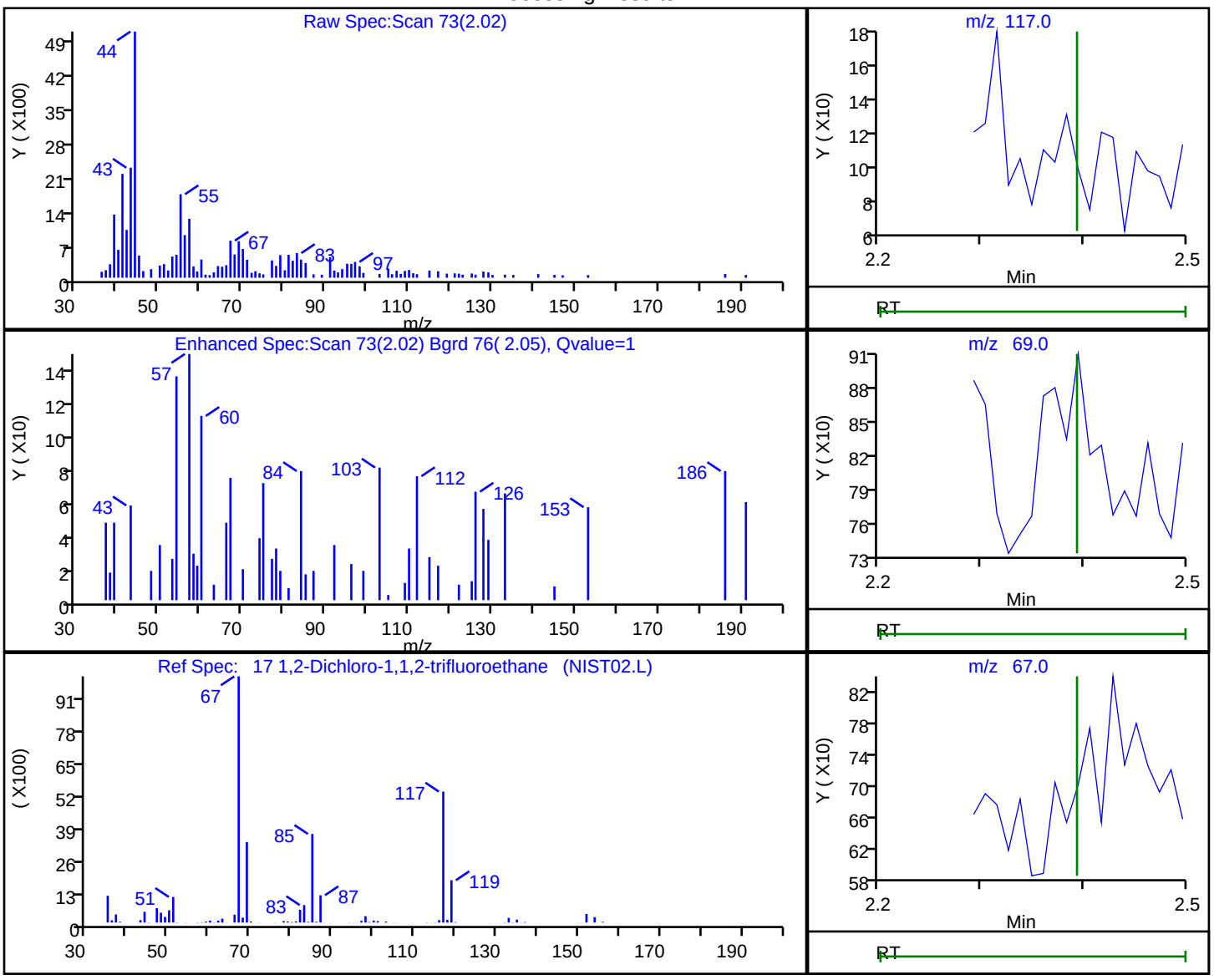
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.02	117.00	79	1.693616
2.04	69.00	308	
2.04	67.00	240	
2.03	119.00	73	

Reviewer: boykink, 15-Aug-2020 19:07:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

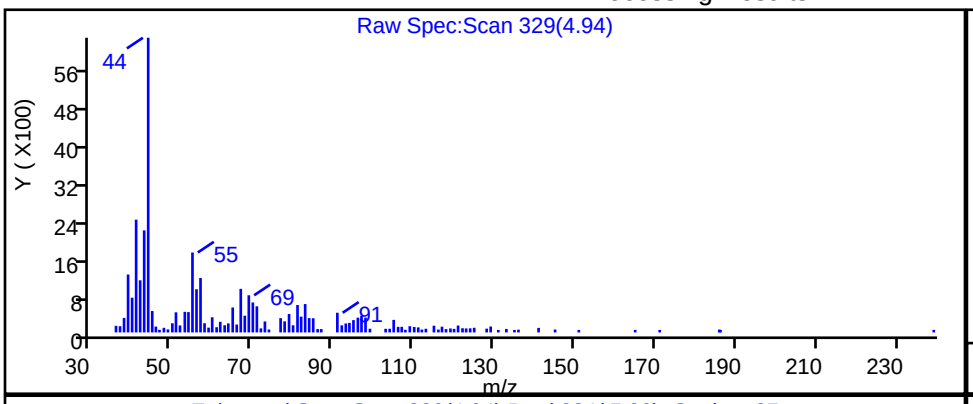
User Disabled Compound Report

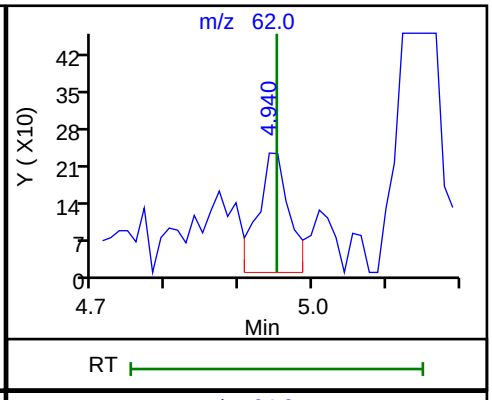
Eurofins TestAmerica, Edison

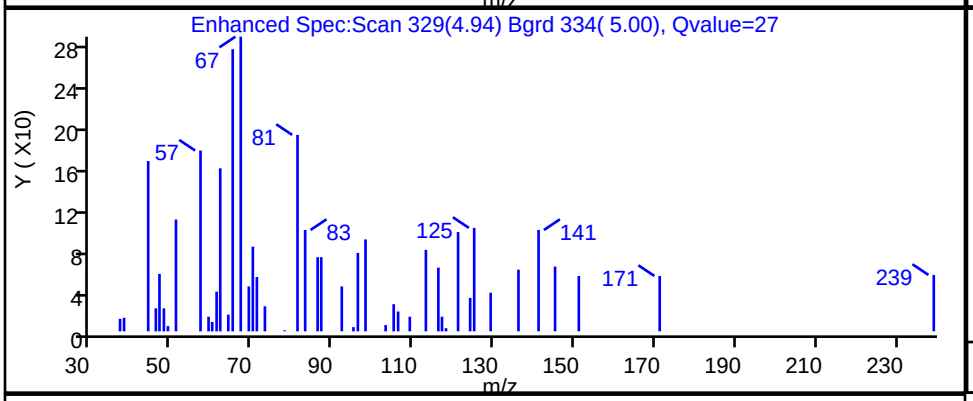
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

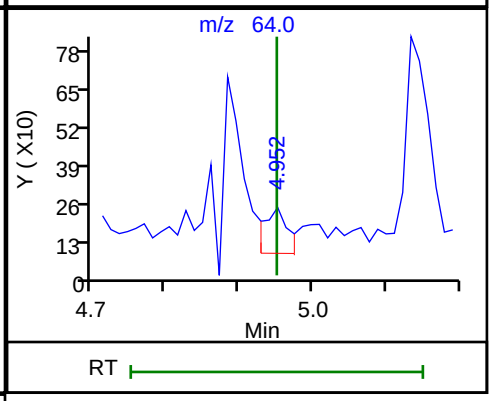
64 1,2-Dichloroethane, CAS: 107-06-2

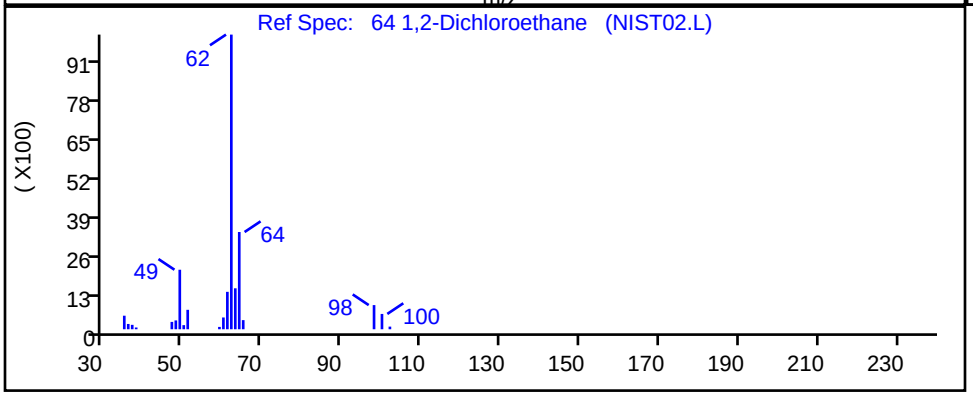
Processing Results











RT	Mass	Response	Amount
4.94	62.00	687	0.175667
4.95	64.00	372	

Reviewer: boykink, 15-Aug-2020 19:08:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

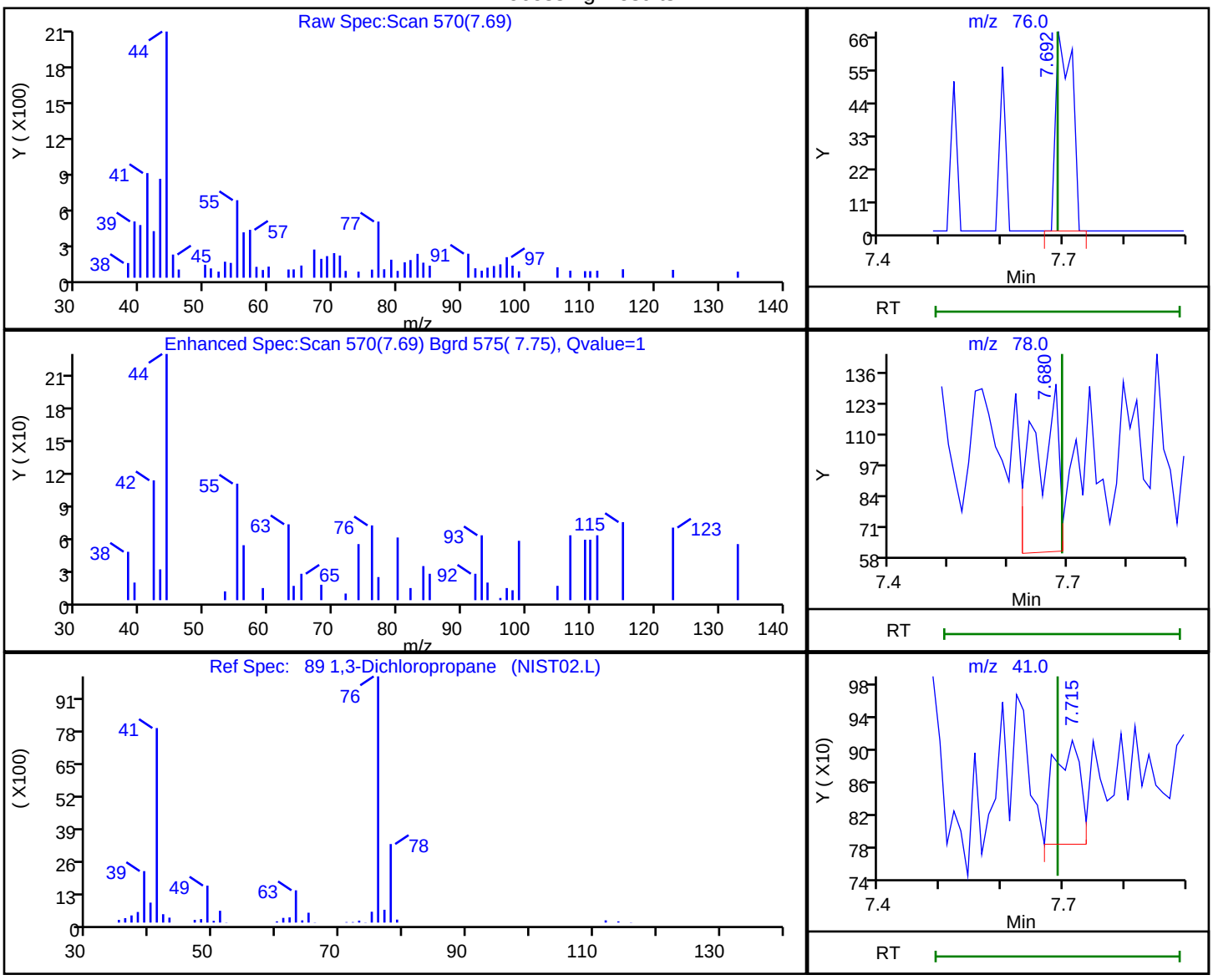
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.69	76.00	125	0.040001
7.68	78.00	200	
7.71	41.00	373	

Reviewer: boykink, 15-Aug-2020 19:08:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

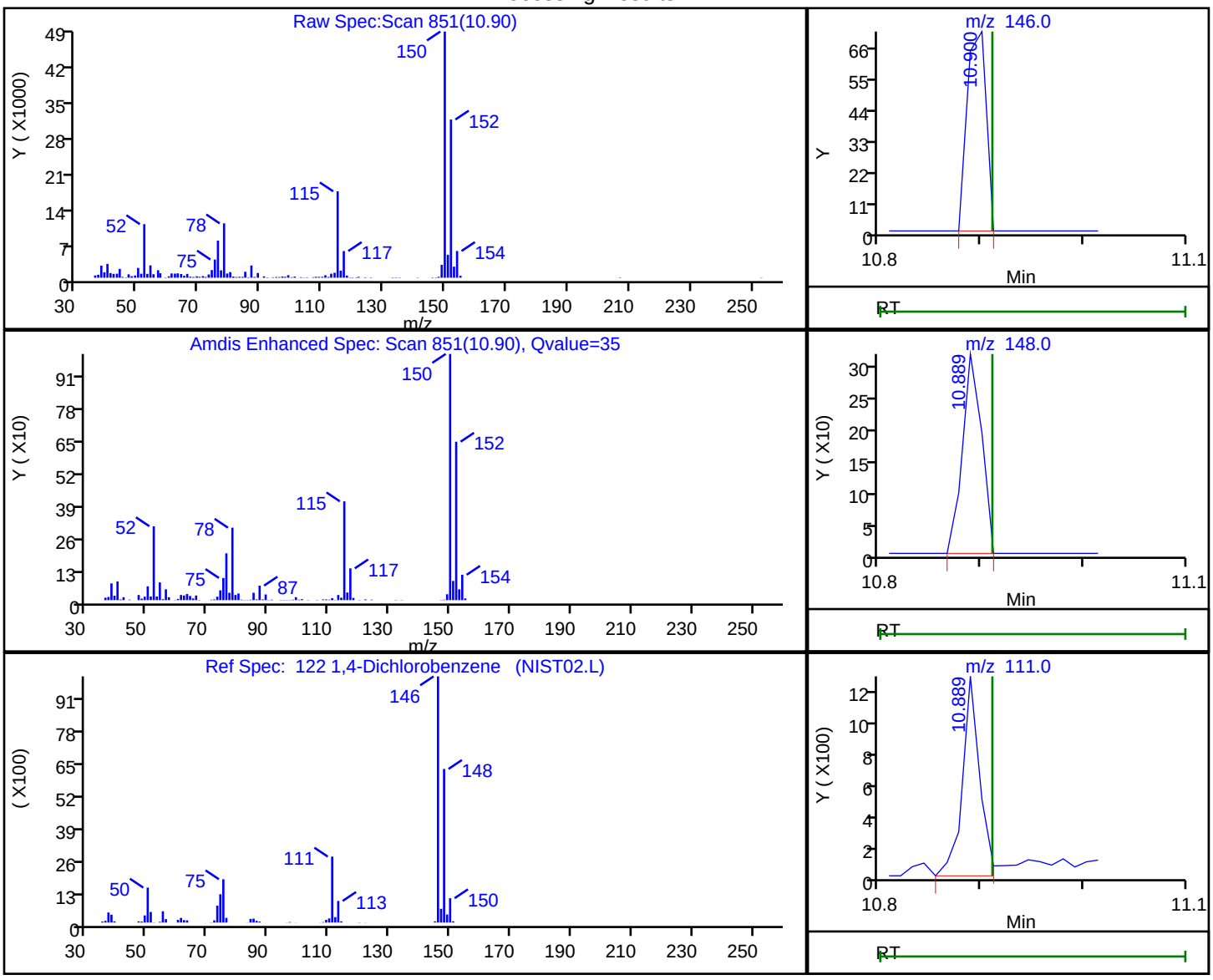
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.90	146.00	94	0.041028
10.89	148.00	409	
10.89	111.00	1497	

Reviewer: boykink, 15-Aug-2020 19:09:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

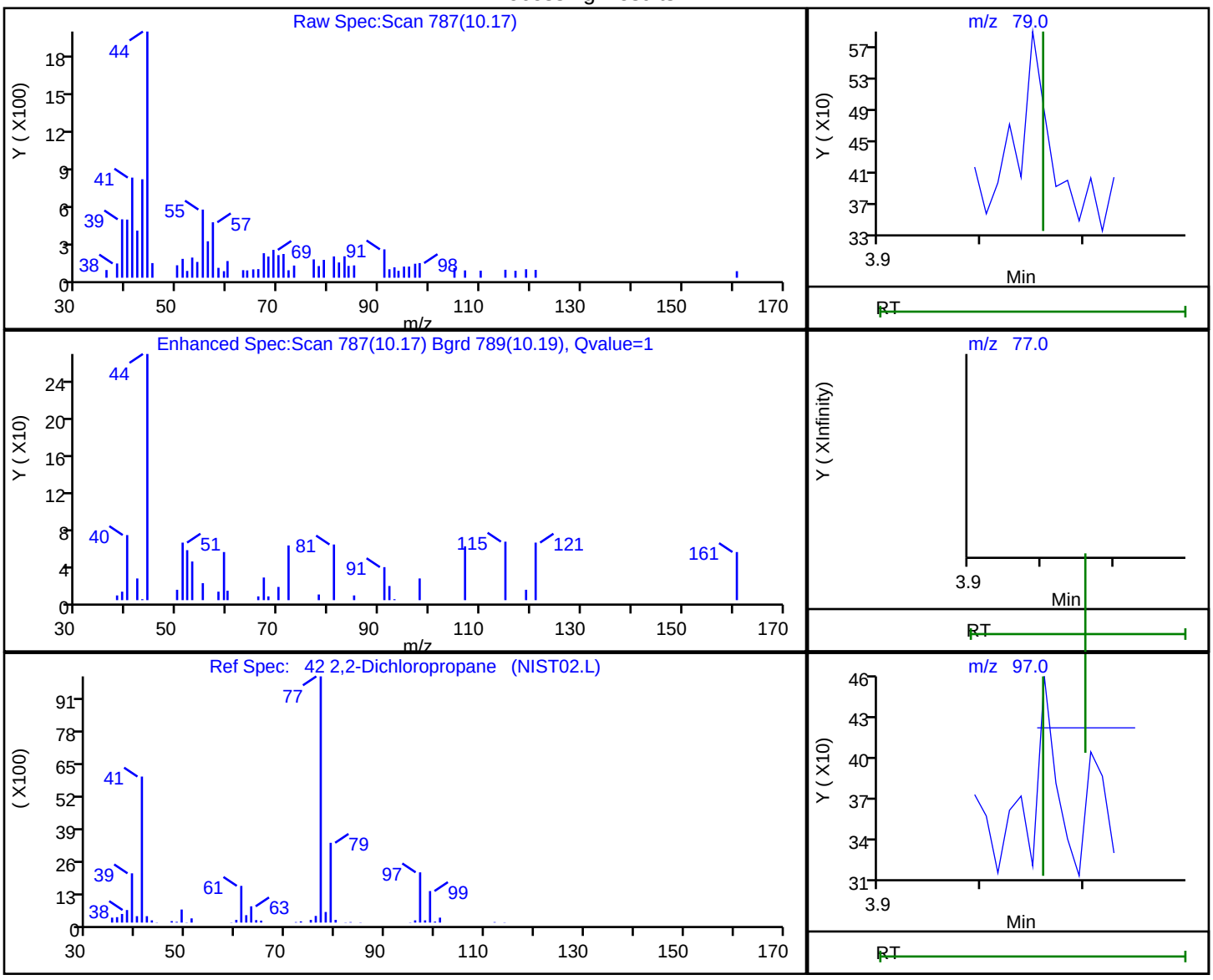
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
10.17	79.00	79	2.040803
10.16	77.00	68	
10.16	97.00	65	

Reviewer: boykink, 15-Aug-2020 19:09:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

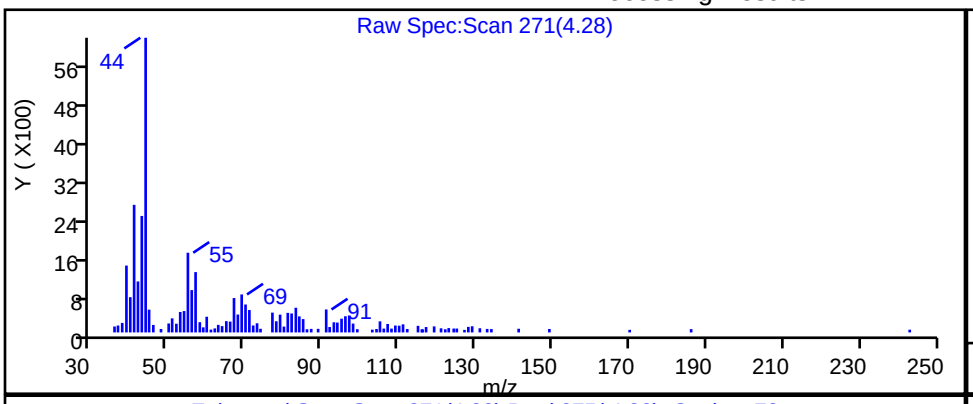
User Disabled Compound Report

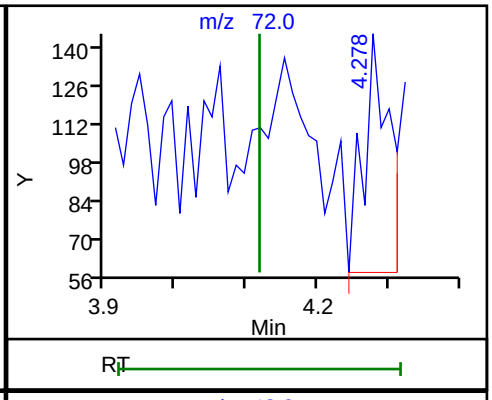
Eurofins TestAmerica, Edison

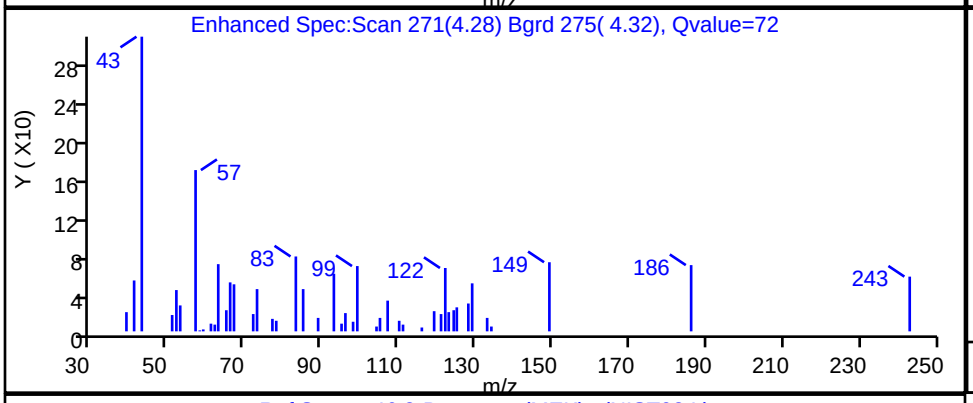
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

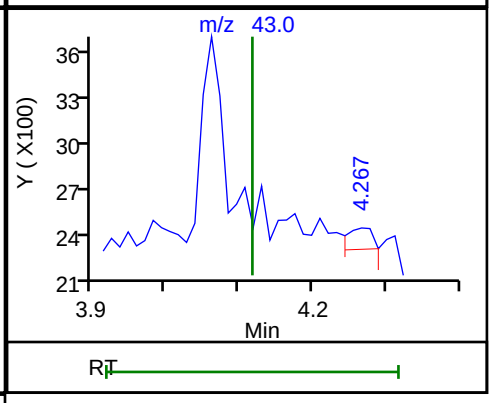
46 2-Butanone (MEK), CAS: 78-93-3

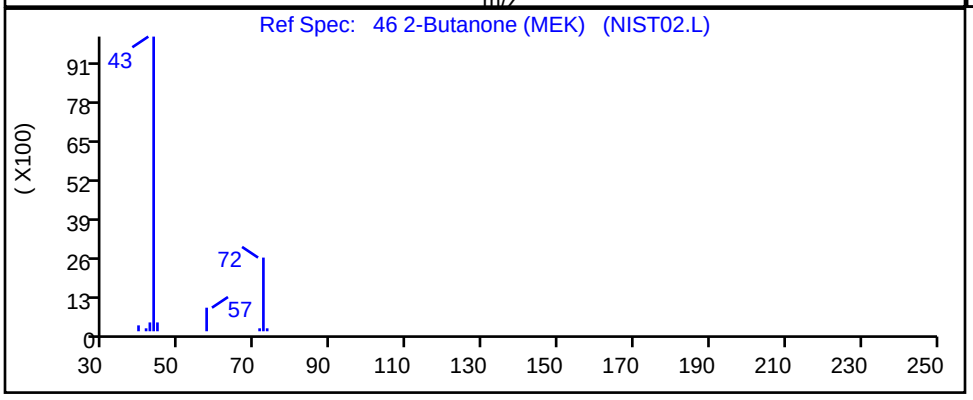
Processing Results











RT	Mass	Response	Amount
4.28	72.00	223	0.793063
4.27	43.00	338	

Reviewer: boykink, 15-Aug-2020 19:08:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

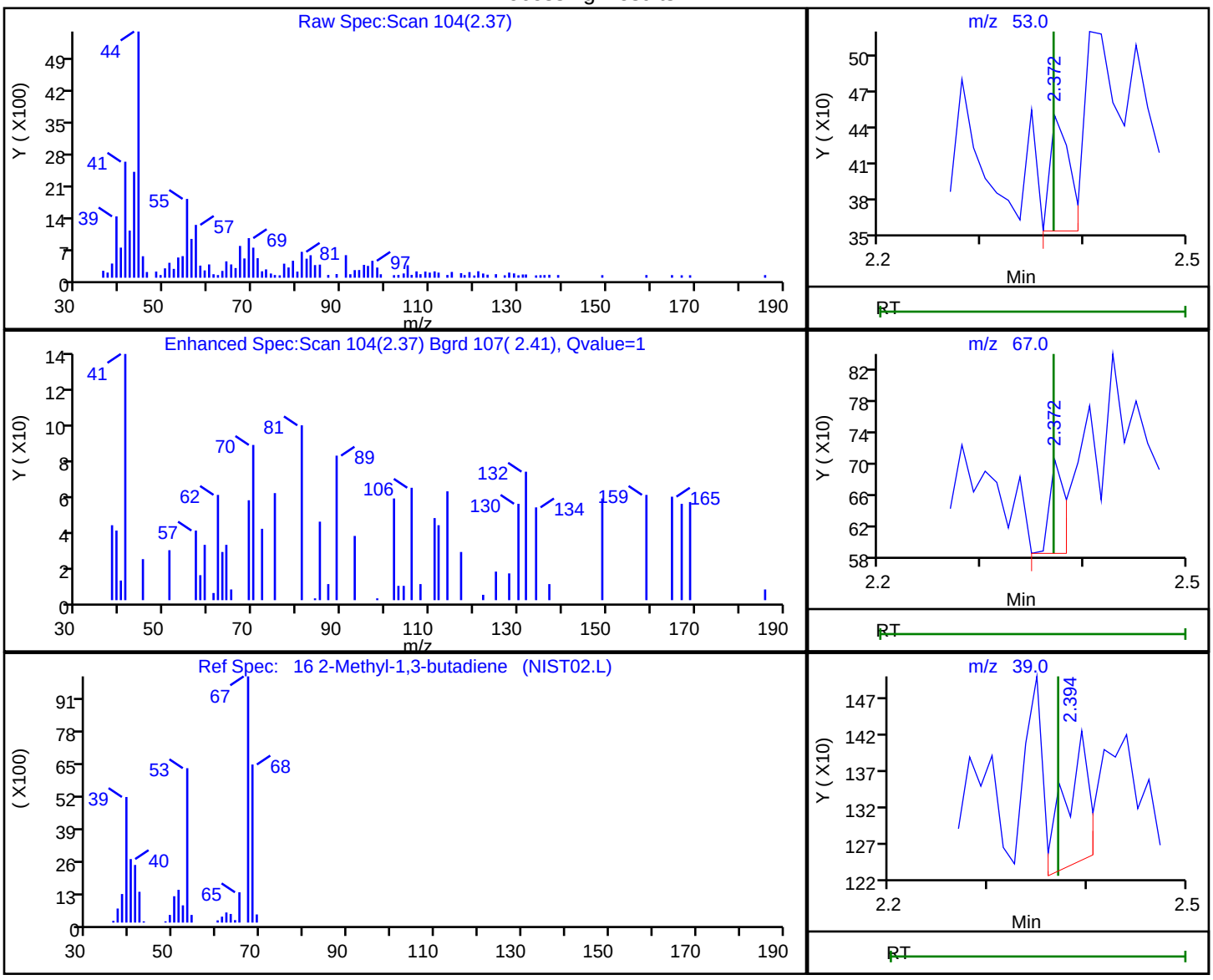
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.37	53.00	127	0.057161
2.37	67.00	128	
2.39	39.00	301	

Reviewer: boykink, 15-Aug-2020 19:07:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

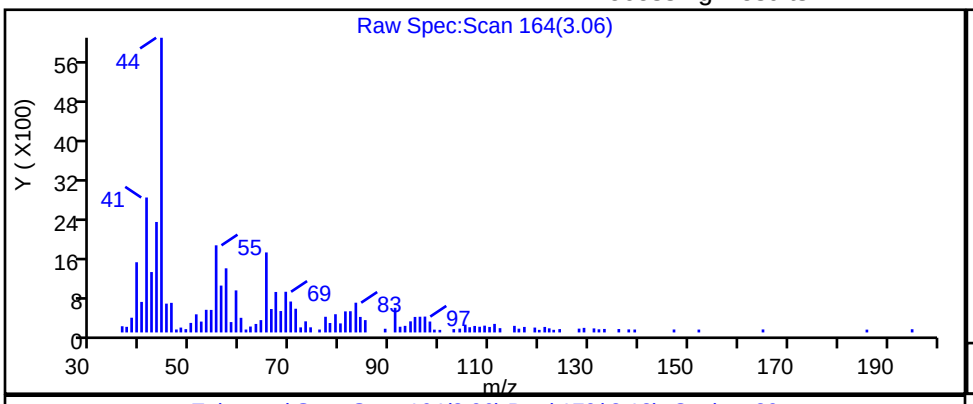
User Disabled Compound Report

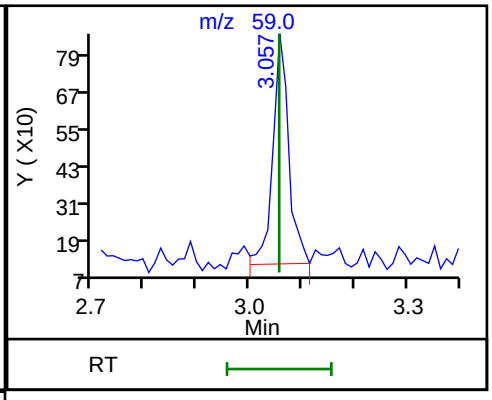
Eurofins TestAmerica, Edison

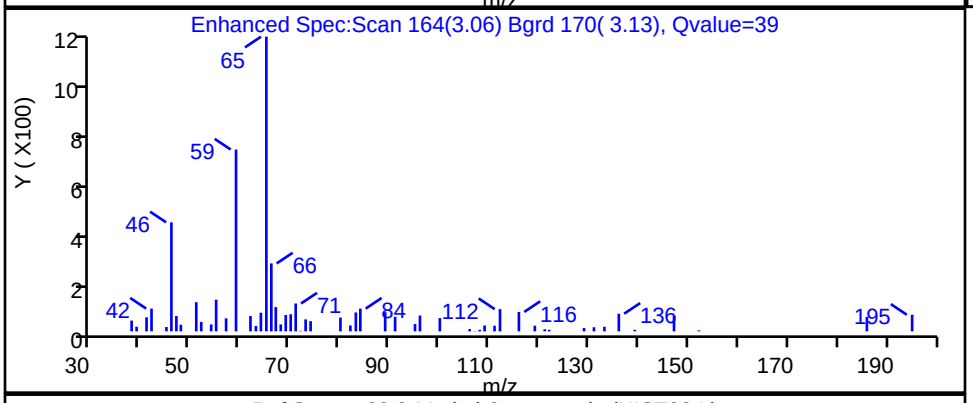
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

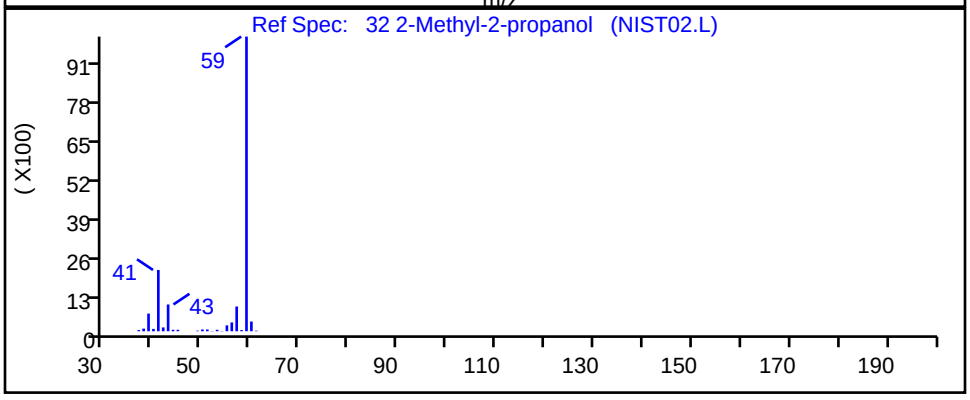
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
3.06	59.00	1597	4.969326

Reviewer: boykink, 15-Aug-2020 19:08:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

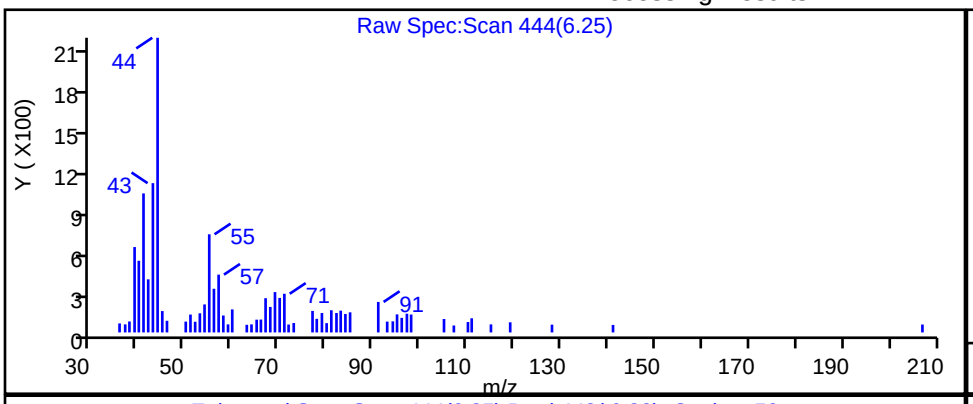
User Disabled Compound Report

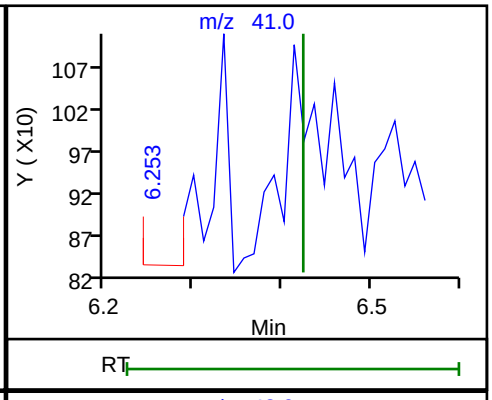
Eurofins TestAmerica, Edison

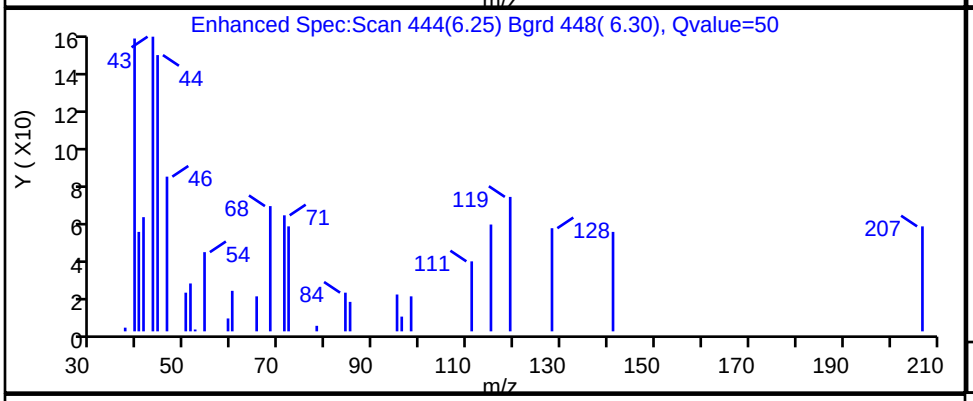
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

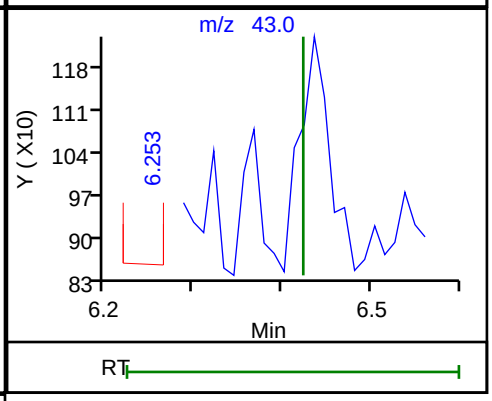
79 2-Nitropropane, CAS: 79-46-9

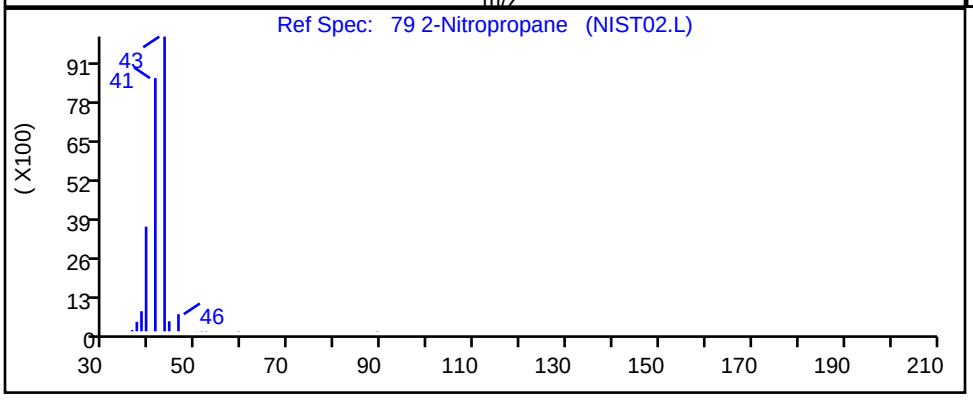
Processing Results











RT	Mass	Response	Amount
6.25	41.00	368	0.767286
6.25	43.00	433	

Reviewer: boykink, 15-Aug-2020 19:08:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

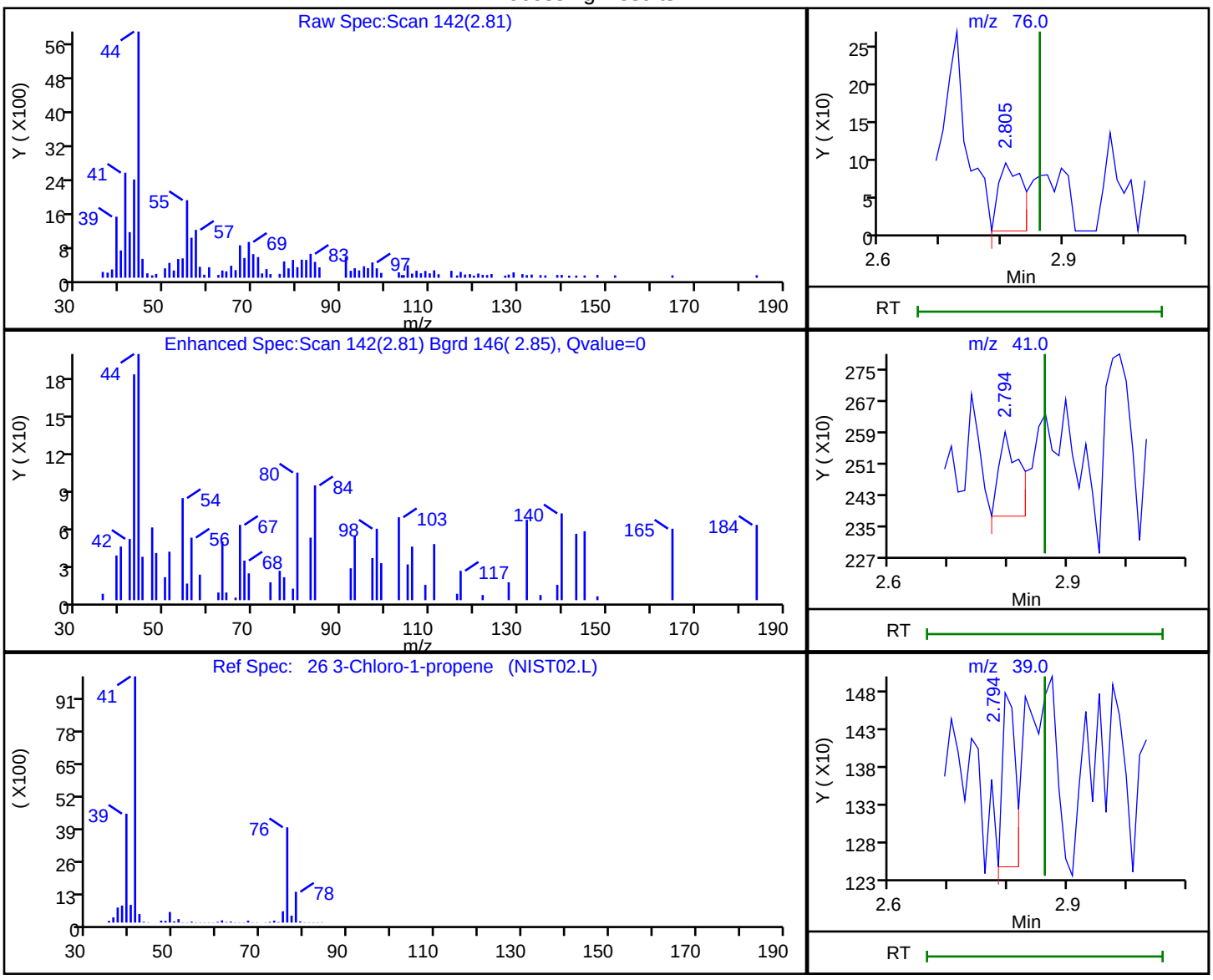
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.81	76.00	248	0.205005
2.79	41.00	497	
2.79	39.00	358	

Reviewer: boykink, 15-Aug-2020 19:07:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

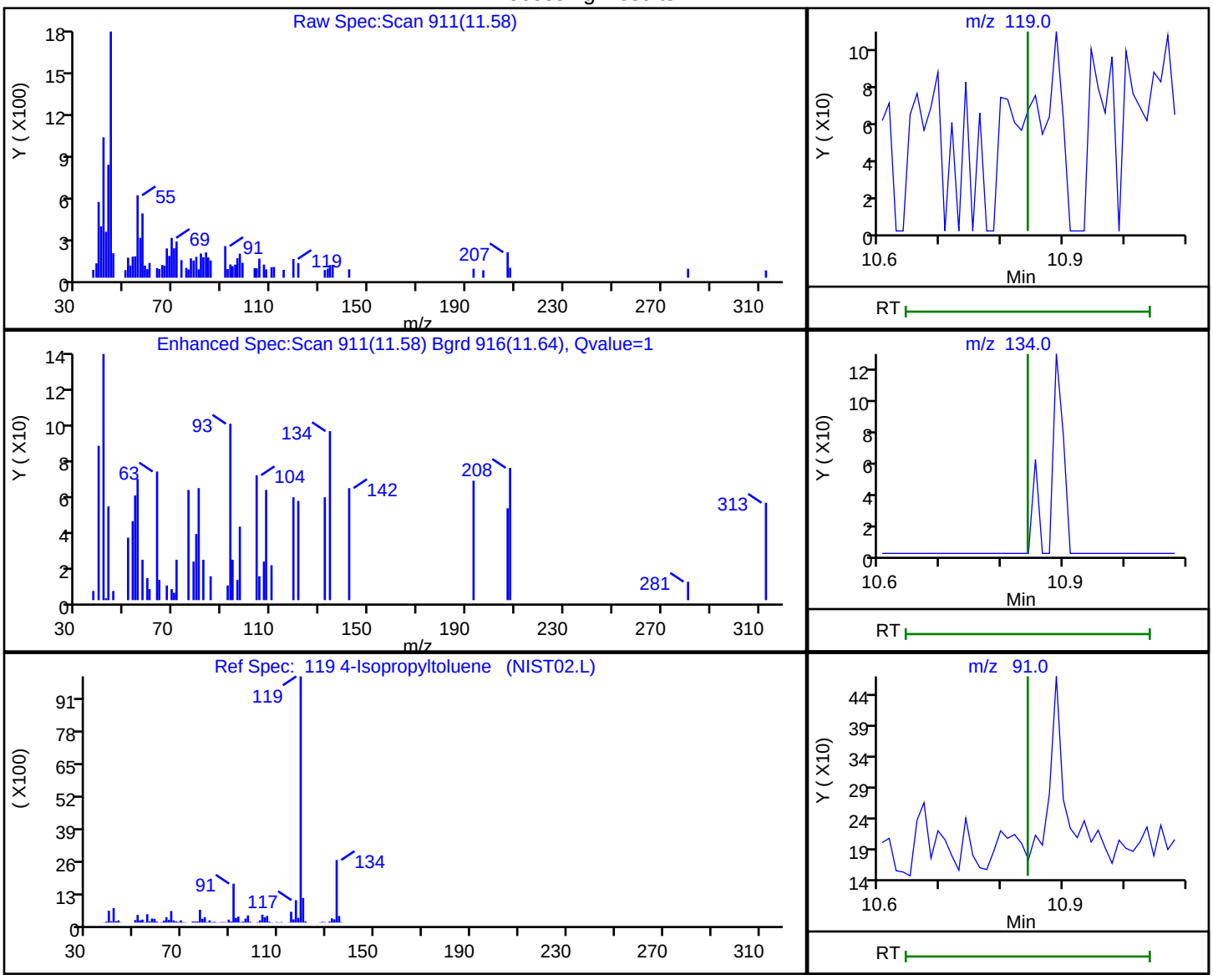
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.58	119.00	177	0.056471
11.58	134.00	100	
11.58	91.00	126	

Reviewer: boykink, 15-Aug-2020 19:09:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

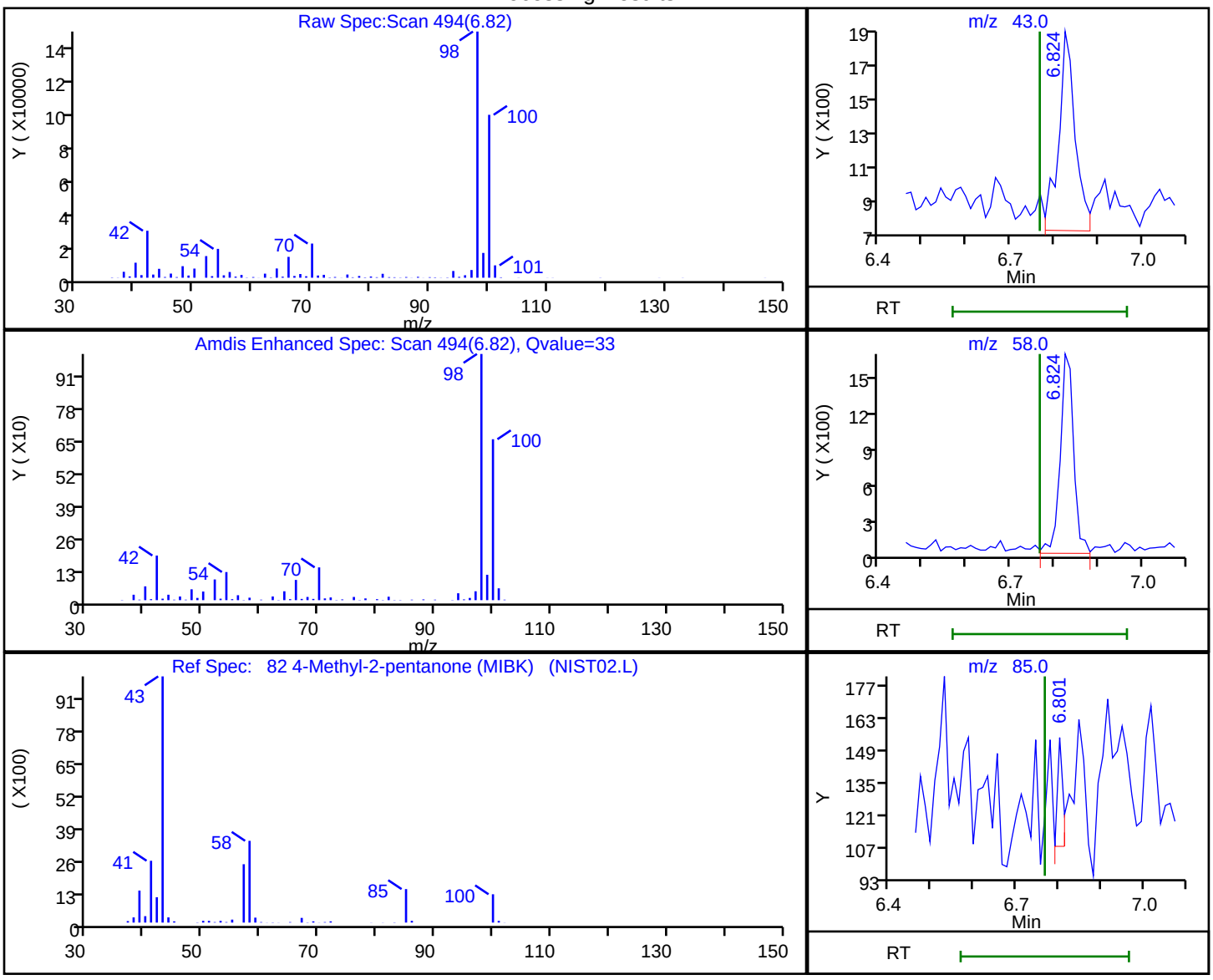
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.82	43.00	3101	1.110175
6.82	58.00	3447	
6.80	85.00	42	
6.82	100.00	191356	

Reviewer: boykink, 15-Aug-2020 19:08:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

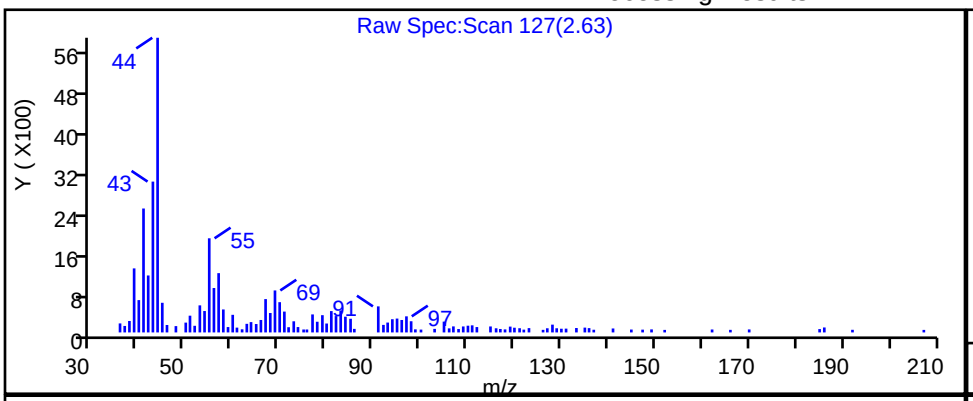
User Disabled Compound Report

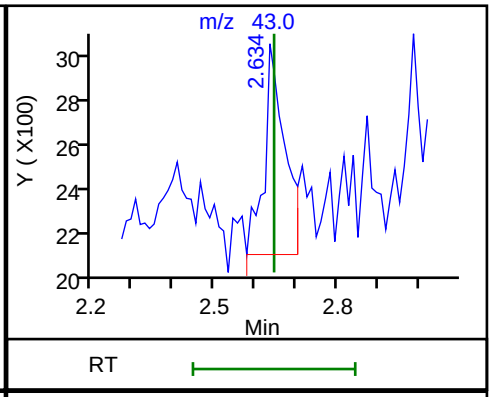
Eurofins TestAmerica, Edison

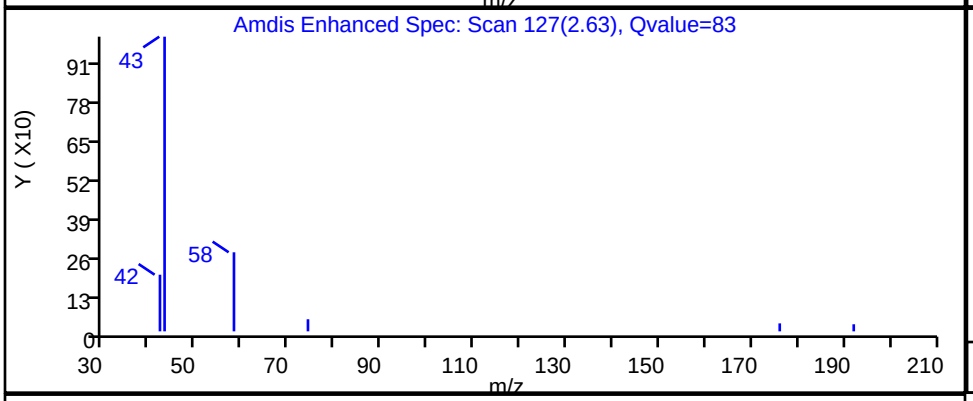
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

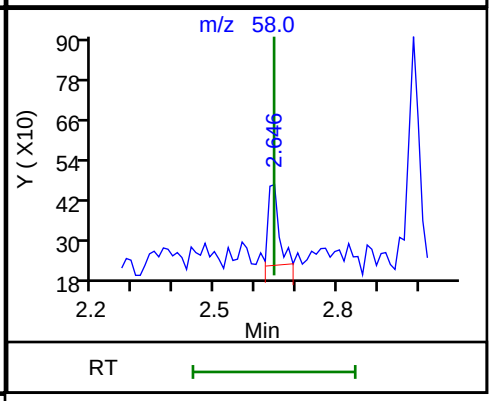
22 Acetone, CAS: 67-64-1

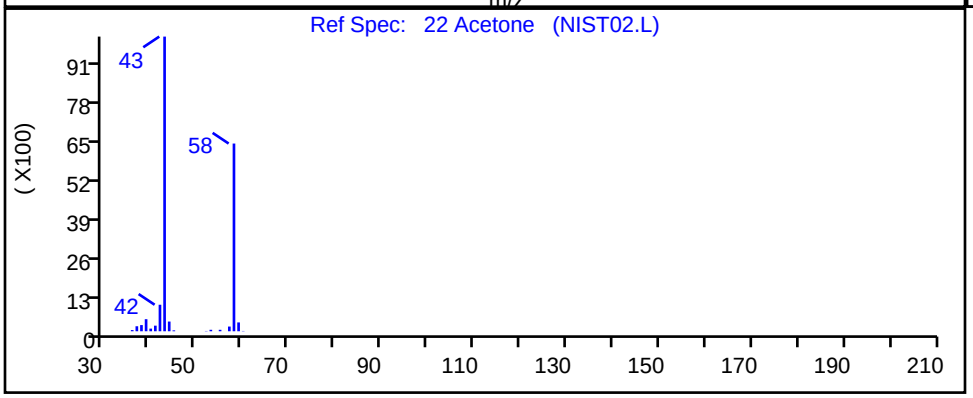
Processing Results











RT	Mass	Response	Amount
2.63	43.00	3117	3.507209
2.65	58.00	450	

Reviewer: boykink, 15-Aug-2020 19:07:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

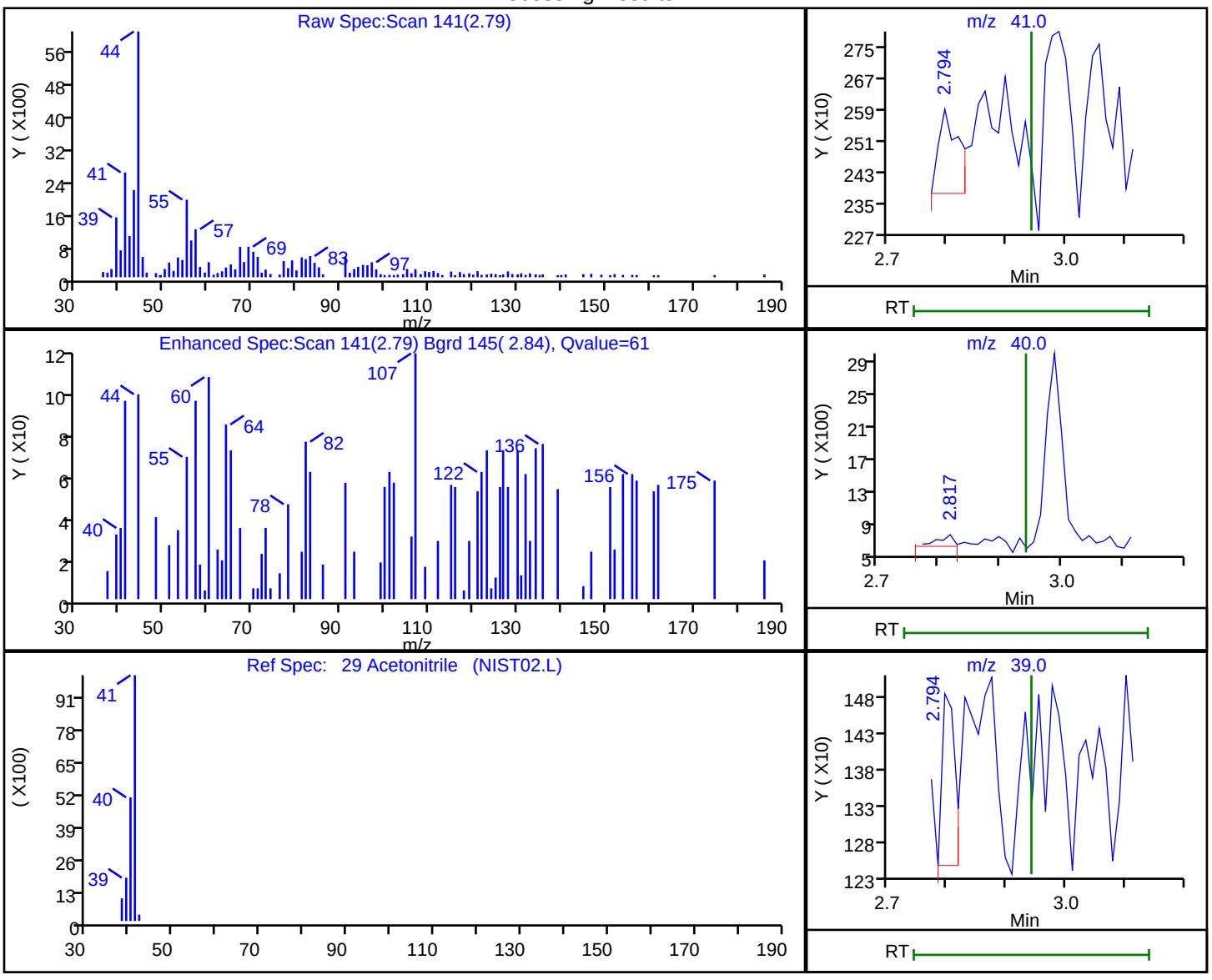
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.79	41.00	497	1.163901
2.82	40.00	260	
2.79	39.00	358	
2.78	38.00	85	

Reviewer: boykink, 15-Aug-2020 19:07:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

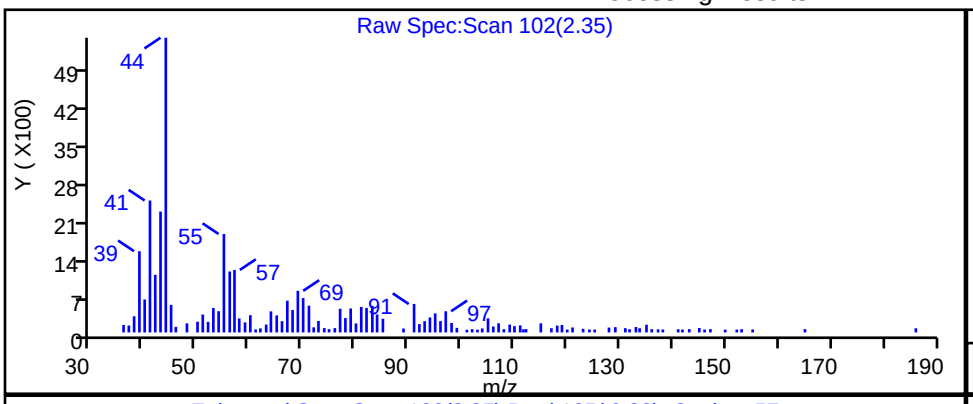
User Disabled Compound Report

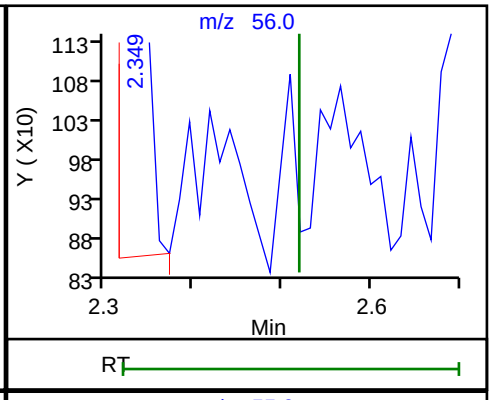
Eurofins TestAmerica, Edison

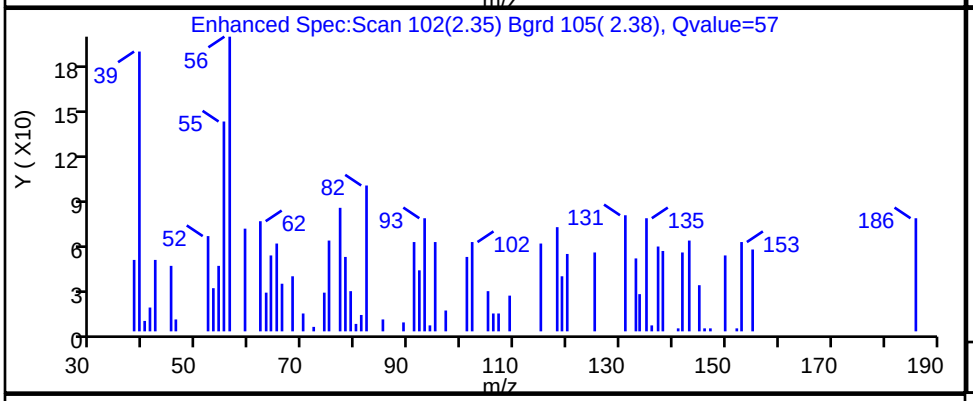
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

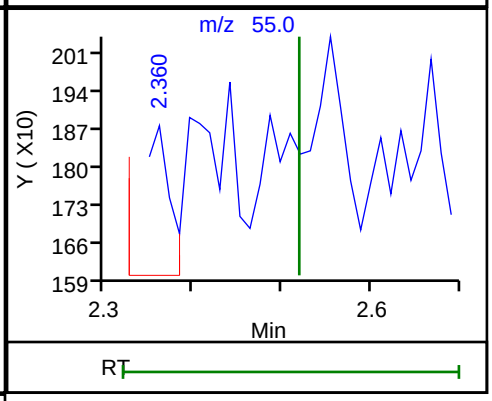
20 Acrolein, CAS: 107-02-8

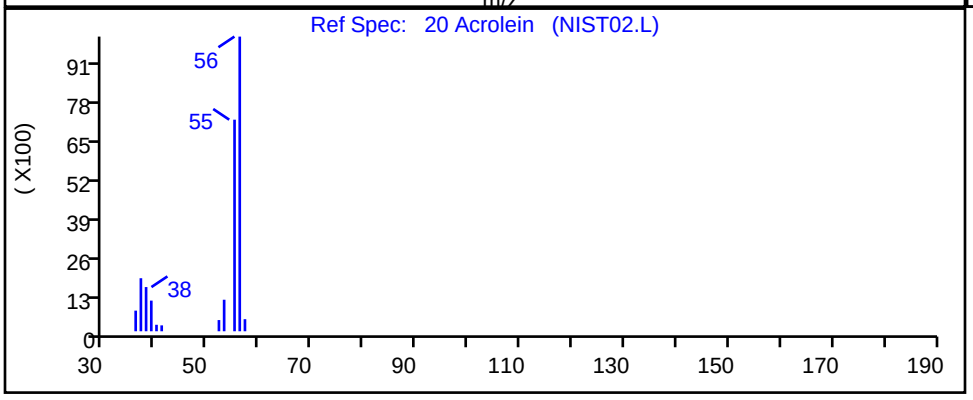
Processing Results











RT	Mass	Response	Amount
2.35	56.00	385	1.064489
2.36	55.00	595	

Reviewer: boykink, 15-Aug-2020 19:07:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

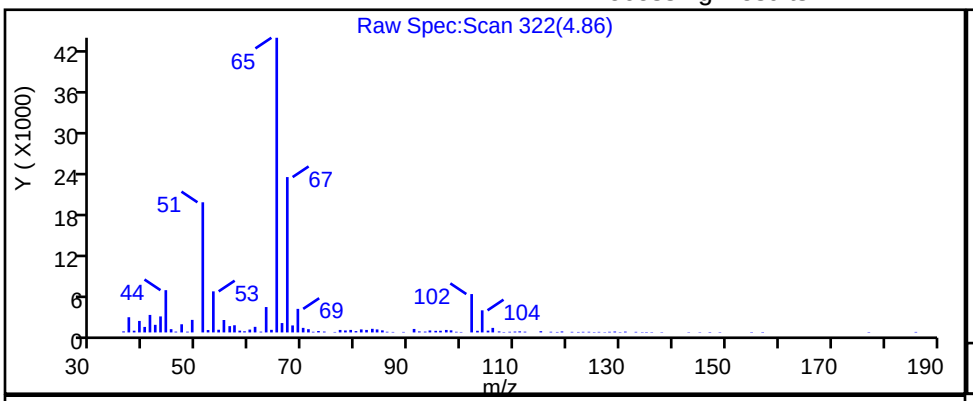
User Disabled Compound Report

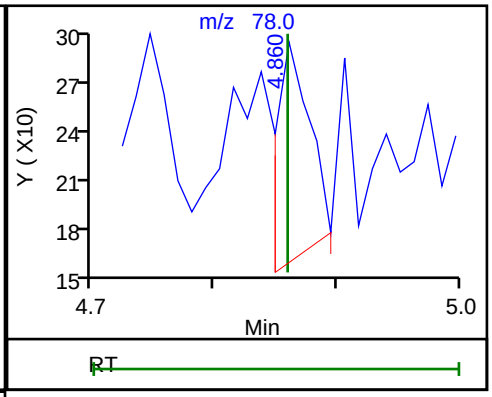
Eurofins TestAmerica, Edison

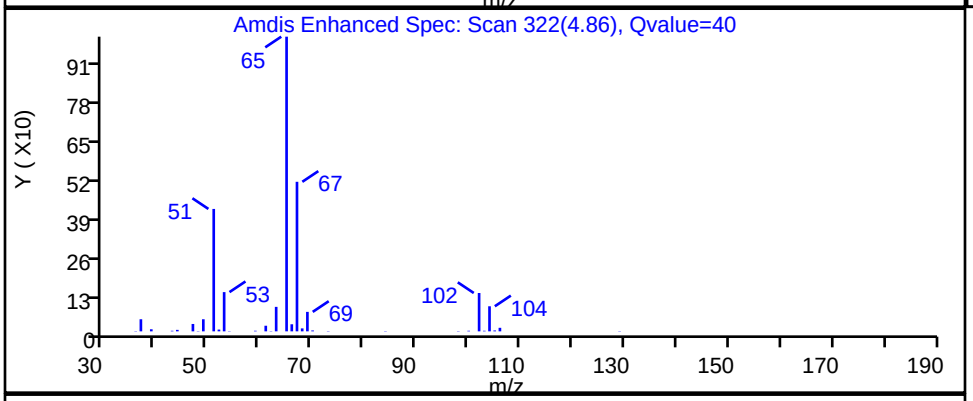
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

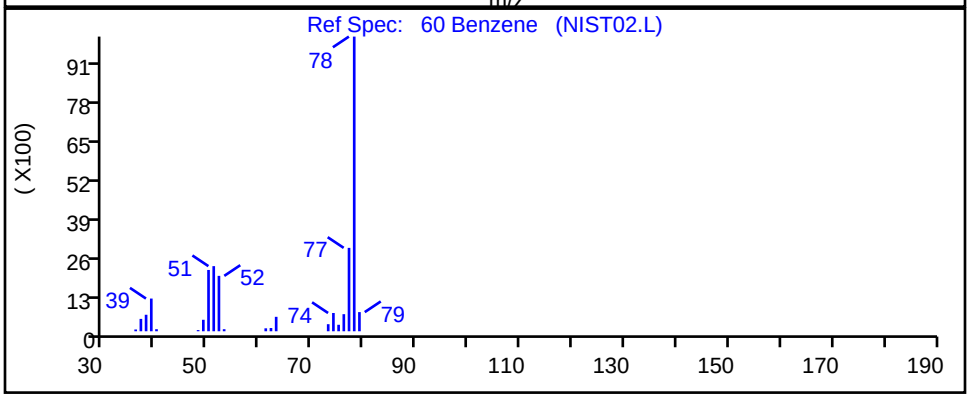
60 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
4.86	78.00	242	0.028820

Reviewer: boykink, 15-Aug-2020 19:08:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

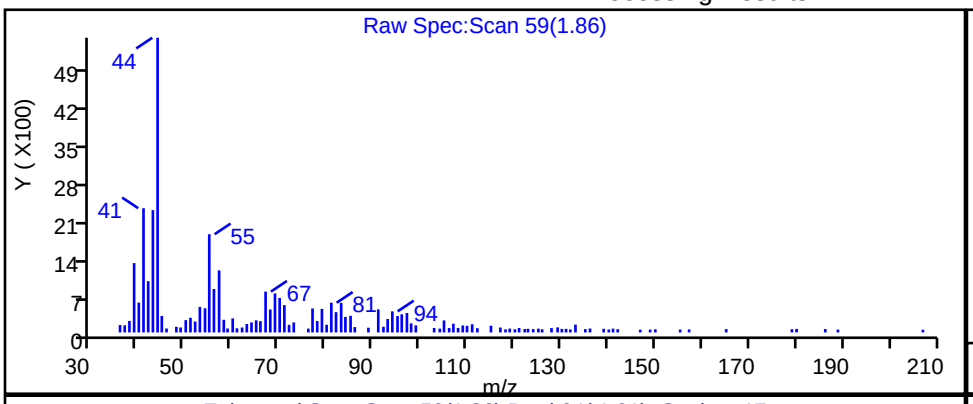
User Disabled Compound Report

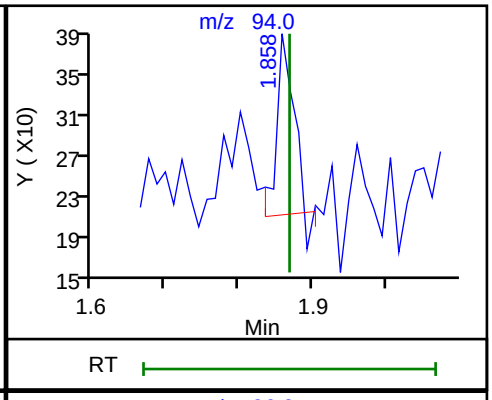
Eurofins TestAmerica, Edison

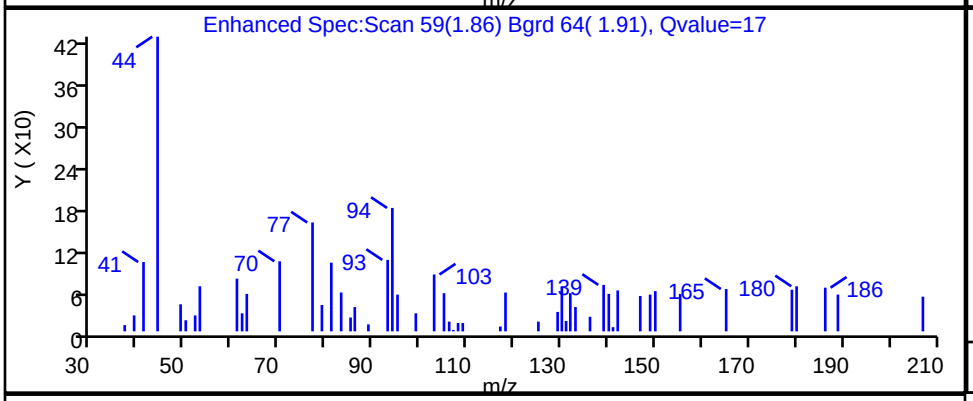
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

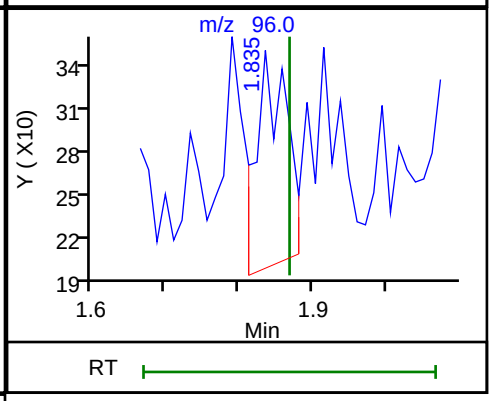
9 Bromomethane, CAS: 74-83-9

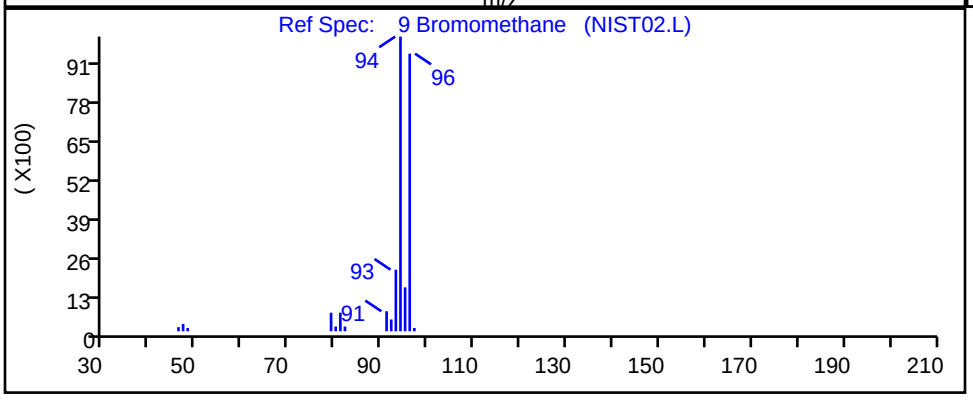
Processing Results











RT	Mass	Response	Amount
1.86	94.00	276	0.232819
1.84	96.00	421	

Reviewer: boykink, 15-Aug-2020 19:07:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

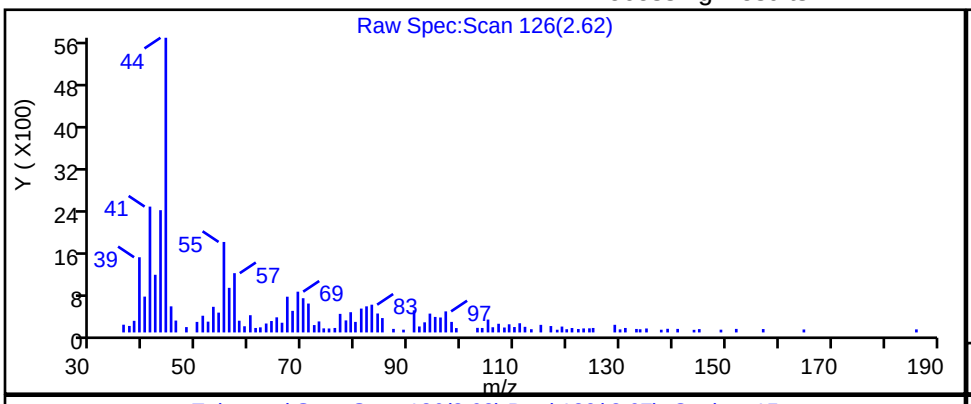
User Disabled Compound Report

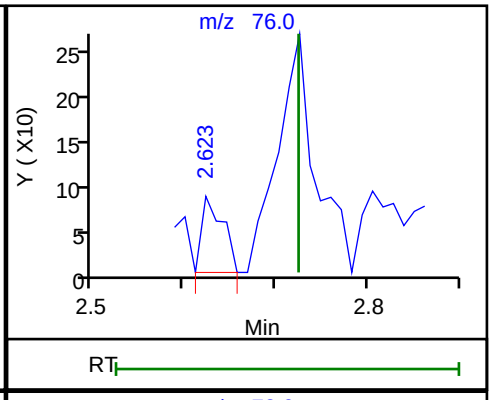
Eurofins TestAmerica, Edison

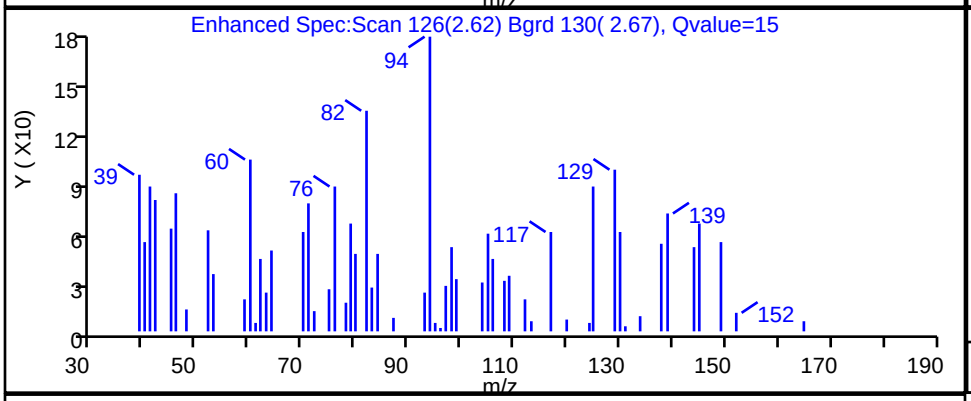
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

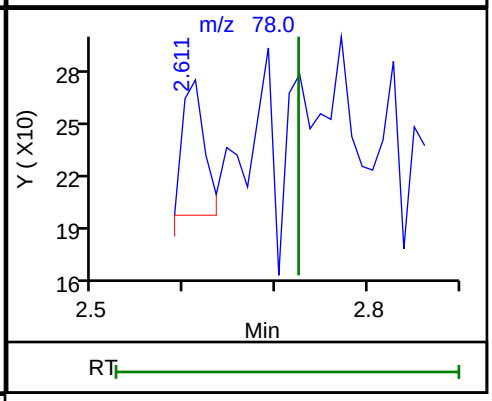
24 Carbon disulfide, CAS: 75-15-0

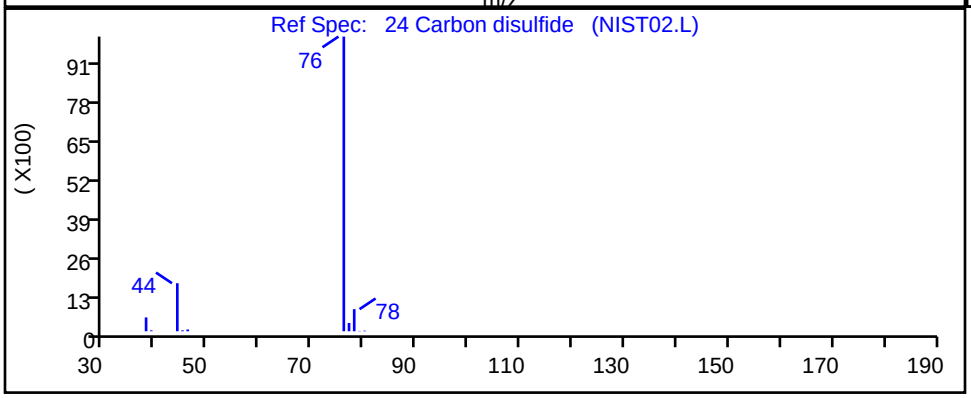
Processing Results











RT	Mass	Response	Amount
2.62	76.00	138	0.020259
2.61	78.00	121	

Reviewer: boykink, 15-Aug-2020 19:07:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

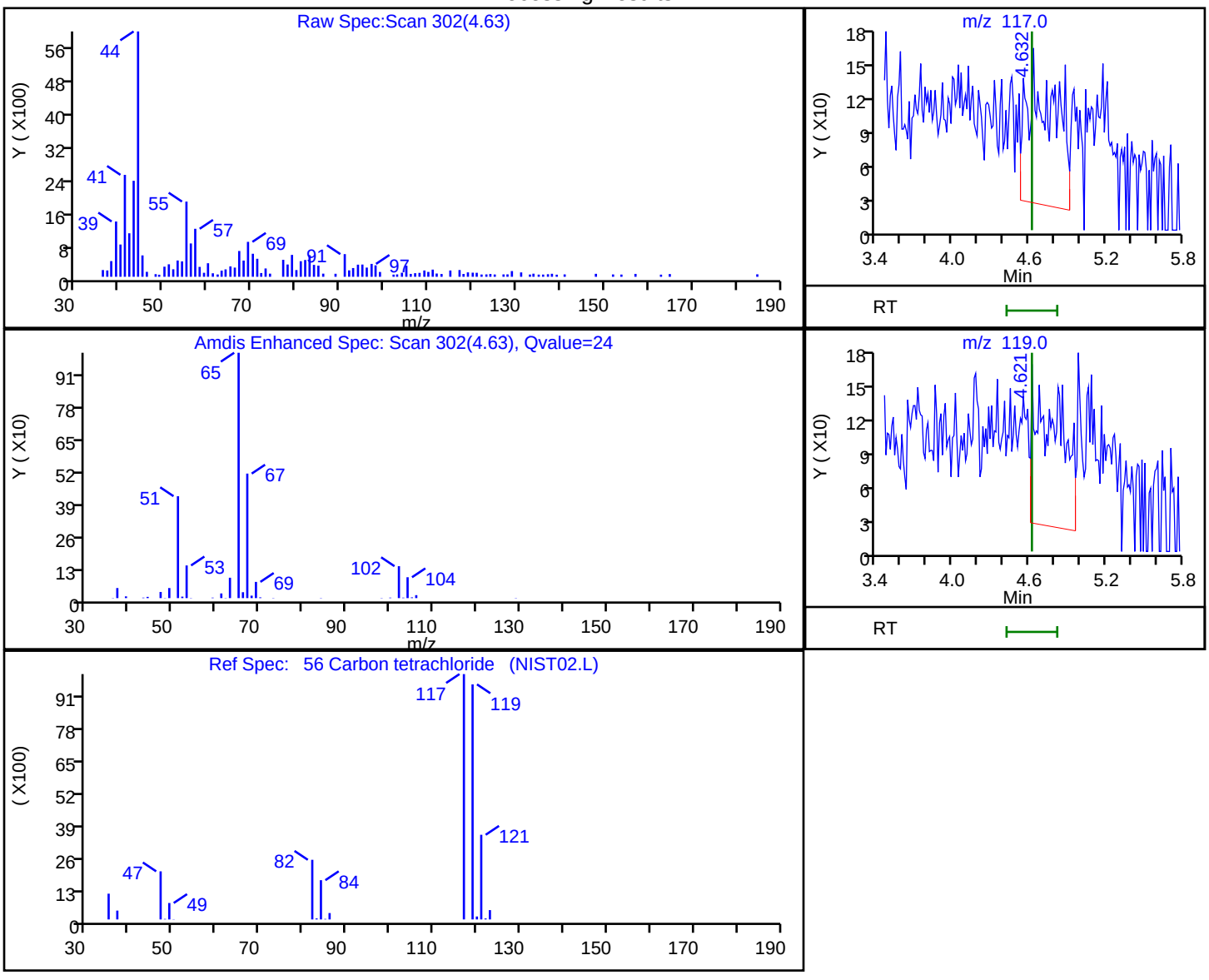
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
4.63	117.00	1986	0.787825
4.62	119.00	1852	

Reviewer: boykink, 15-Aug-2020 19:08:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

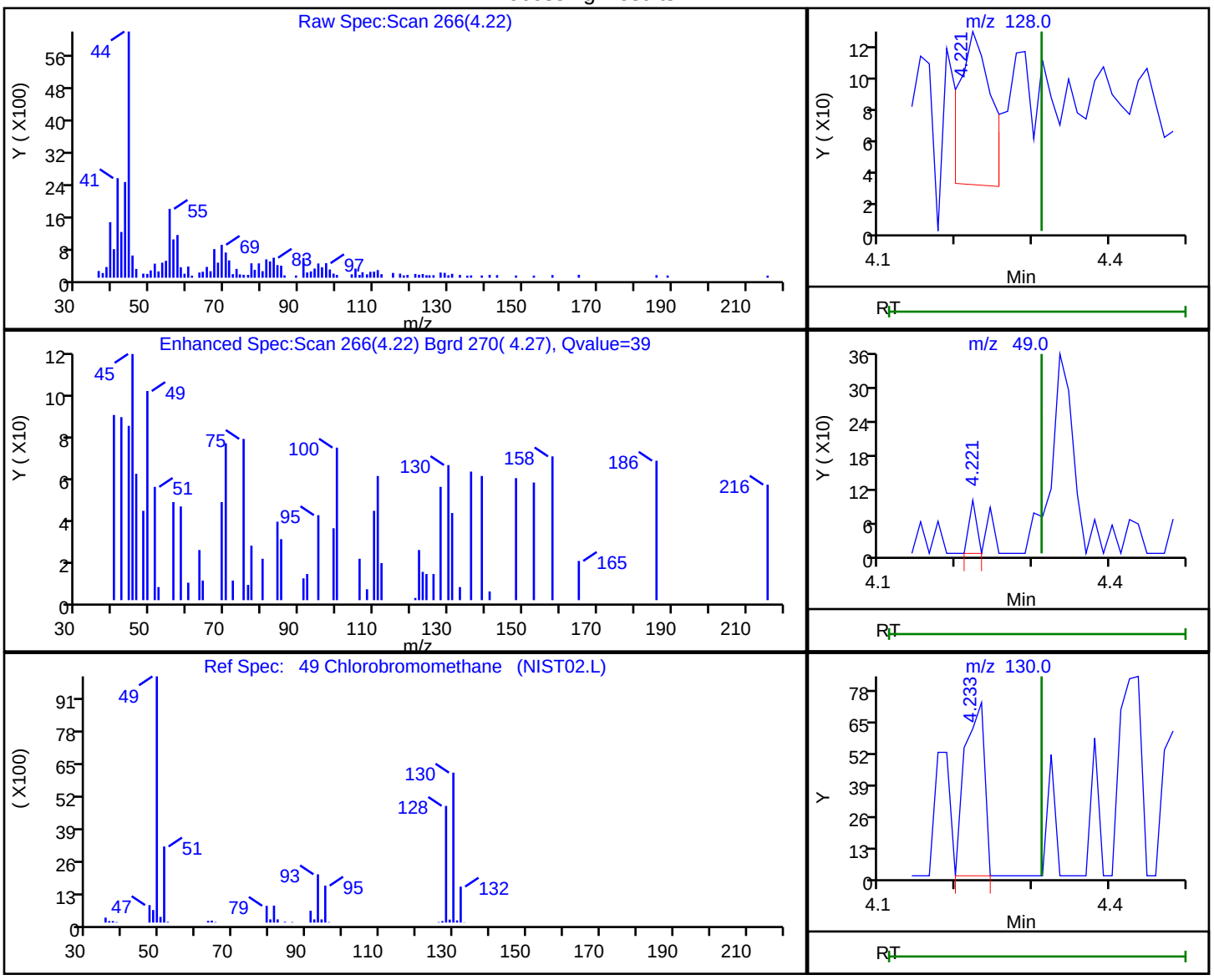
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.22	128.00	291	0.294604
4.22	49.00	66	
4.23	130.00	130	

Reviewer: boykink, 15-Aug-2020 19:08:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

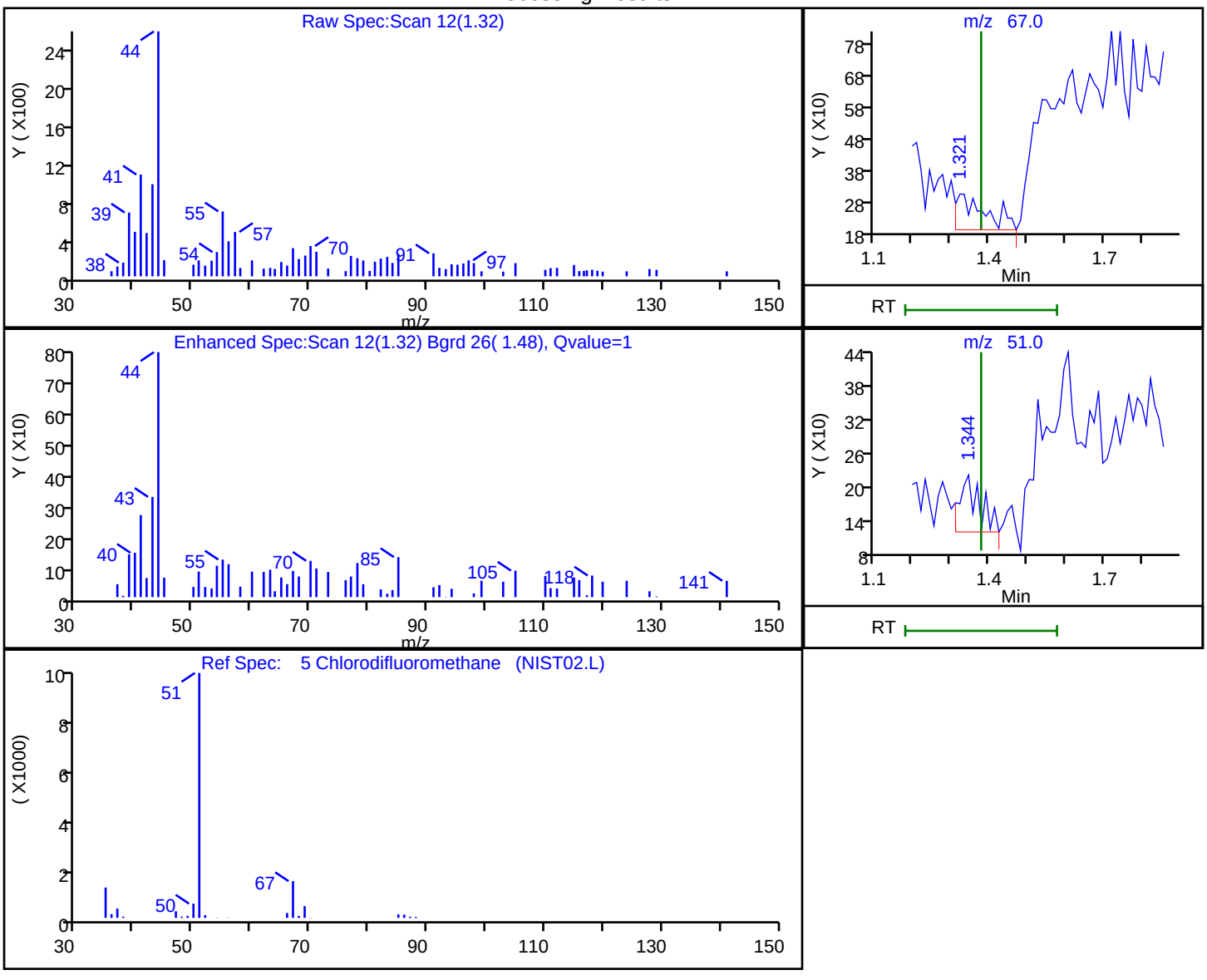
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.32	67.00	601	2.597625
1.34	51.00	362	

Reviewer: boykink, 15-Aug-2020 19:07:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

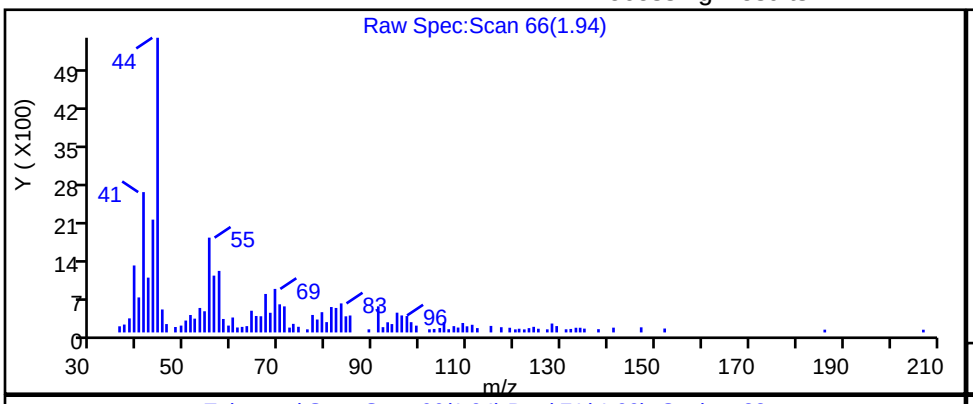
User Disabled Compound Report

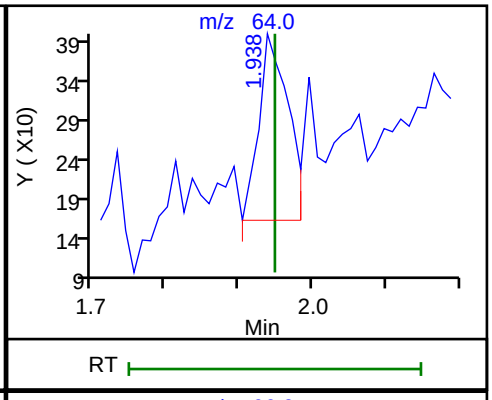
Eurofins TestAmerica, Edison

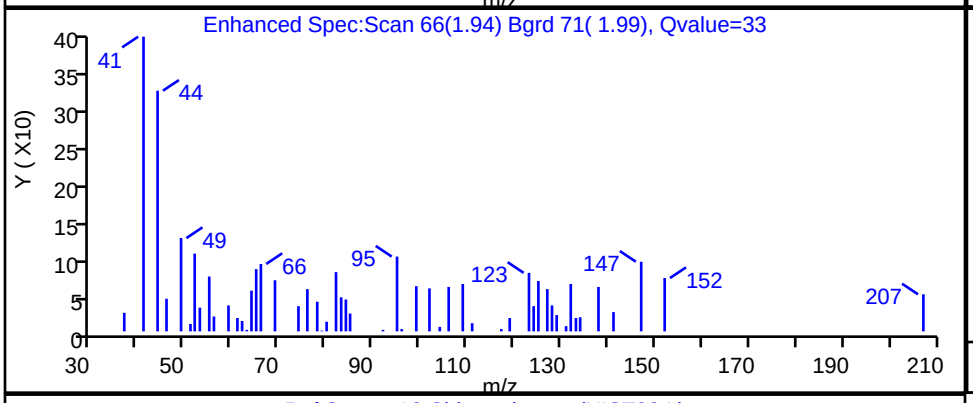
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

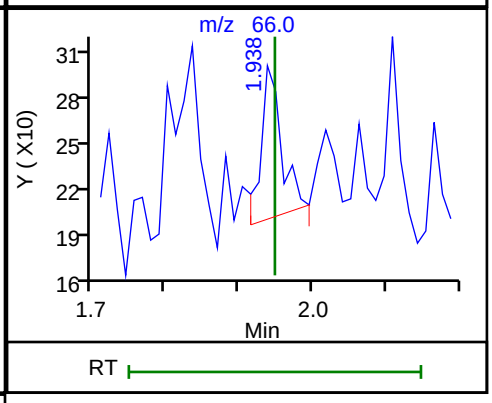
10 Chloroethane, CAS: 75-00-3

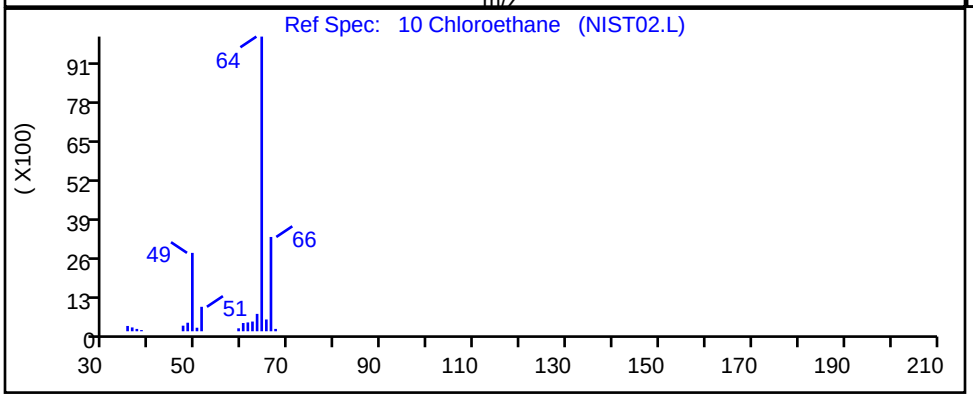
Processing Results











RT	Mass	Response	Amount
1.94	64.00	664	0.462790
1.94	66.00	194	

Reviewer: boykink, 15-Aug-2020 19:07:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

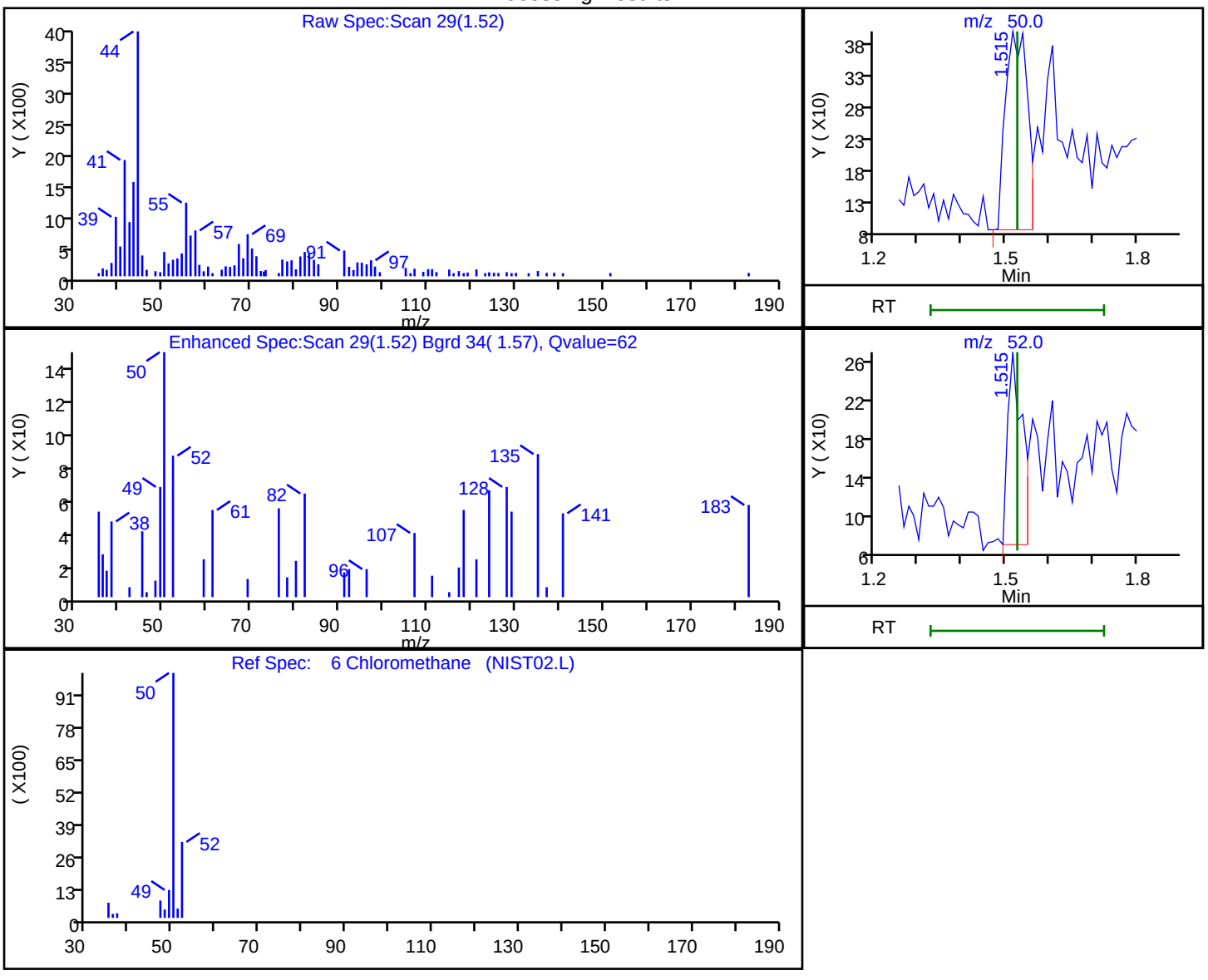
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.52	50.00	1092	0.326401
1.52	52.00	460	

Reviewer: boykink, 15-Aug-2020 19:07:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

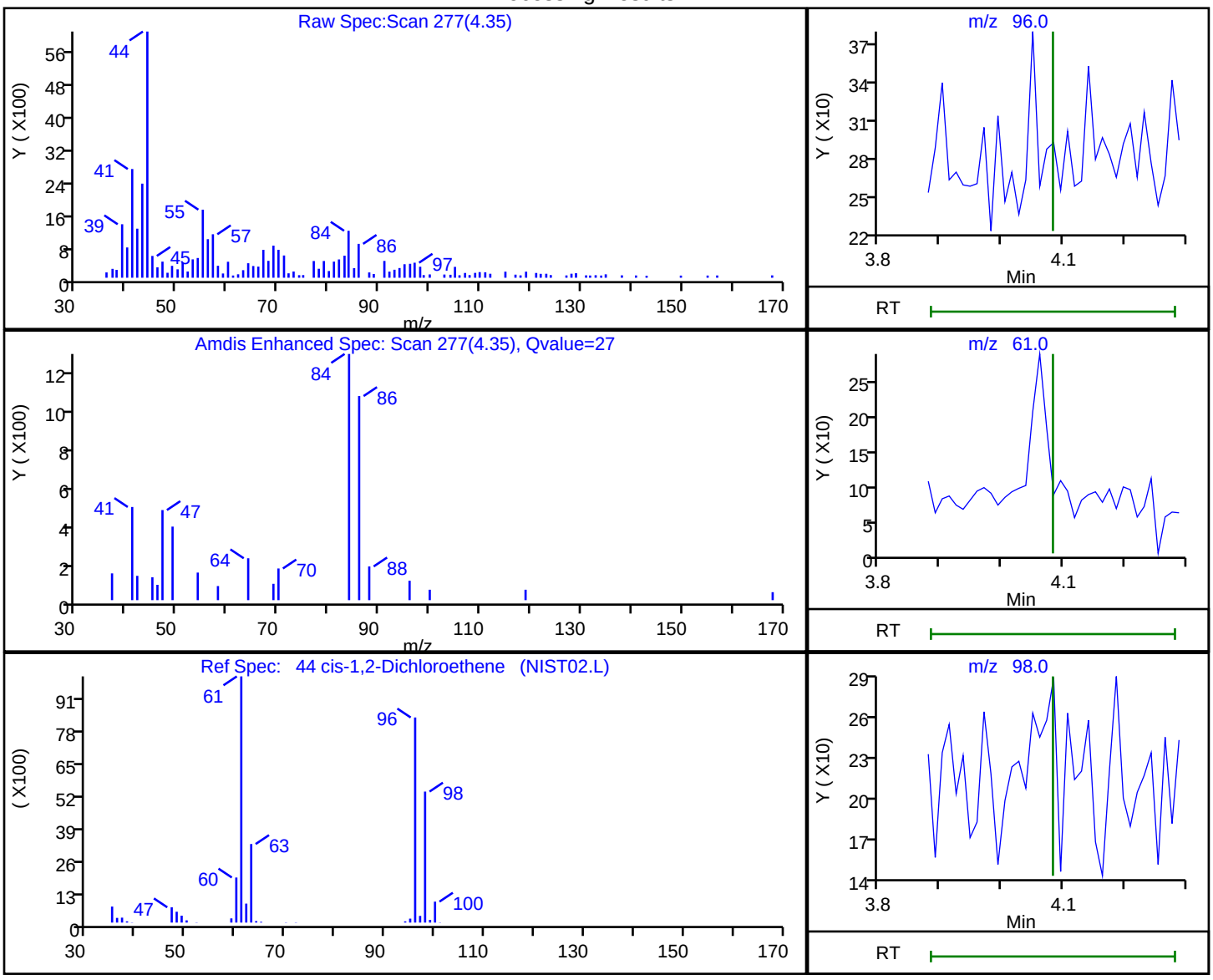
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
4.35	96.00	1064	0.486009
4.34	61.00	127	
4.35	98.00	353	

Reviewer: boykink, 15-Aug-2020 19:08:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

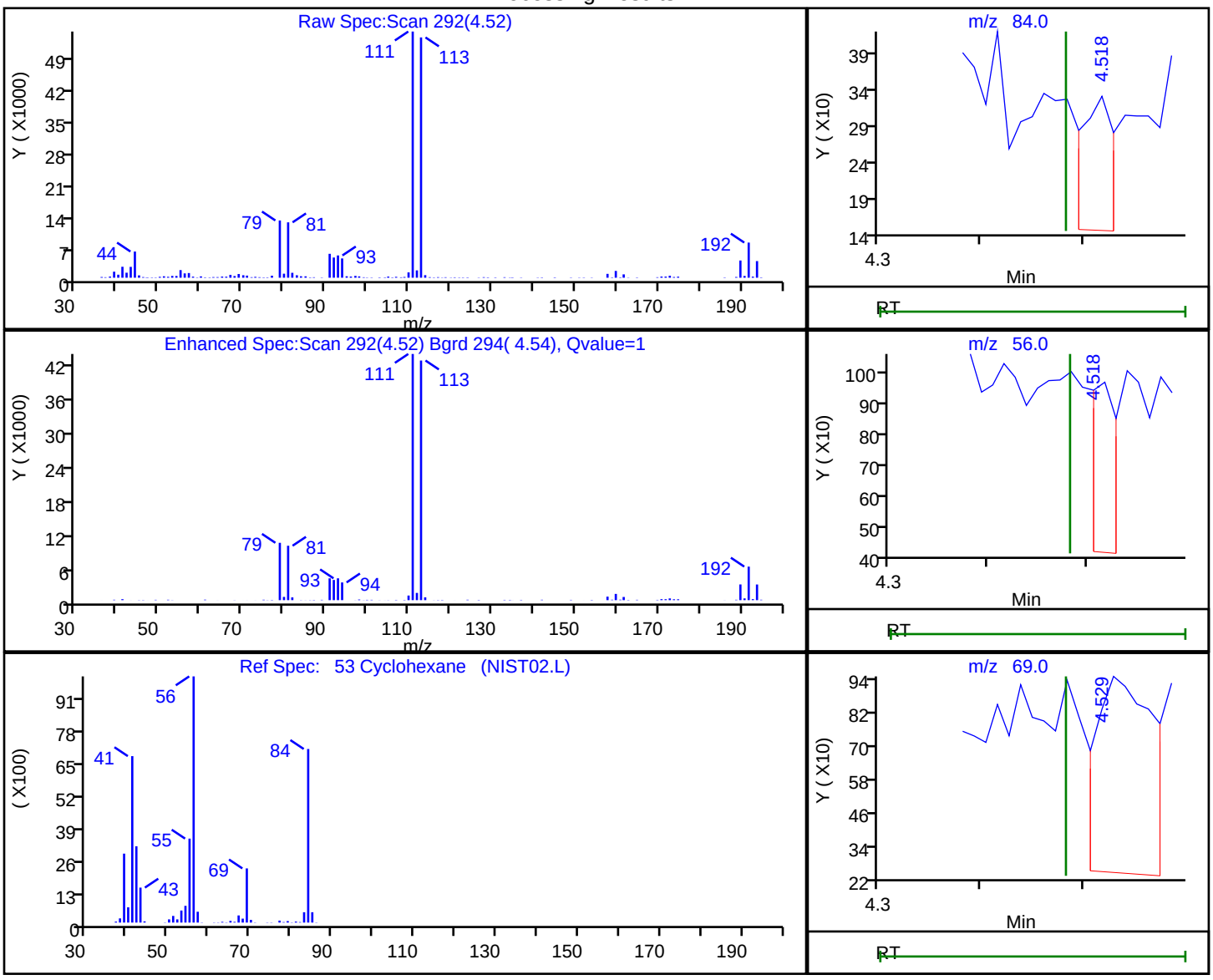
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.52	84.00	417	0.228899
4.52	56.00	1030	
4.53	69.00	2837	

Reviewer: boykink, 15-Aug-2020 19:08:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

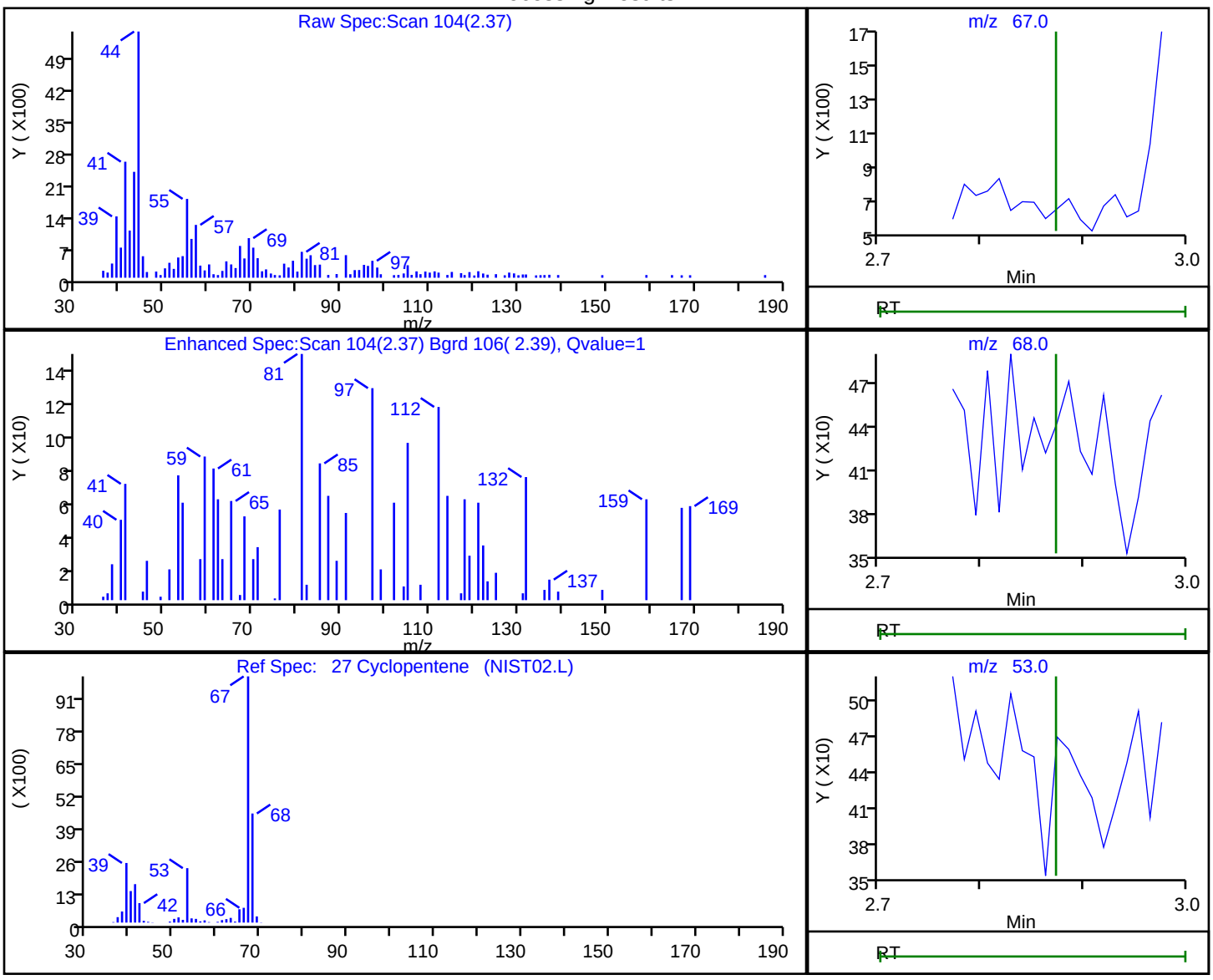
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.37	67.00	128	0.019615
2.36	68.00	262	
2.37	53.00	127	

Reviewer: boykink, 15-Aug-2020 19:07:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

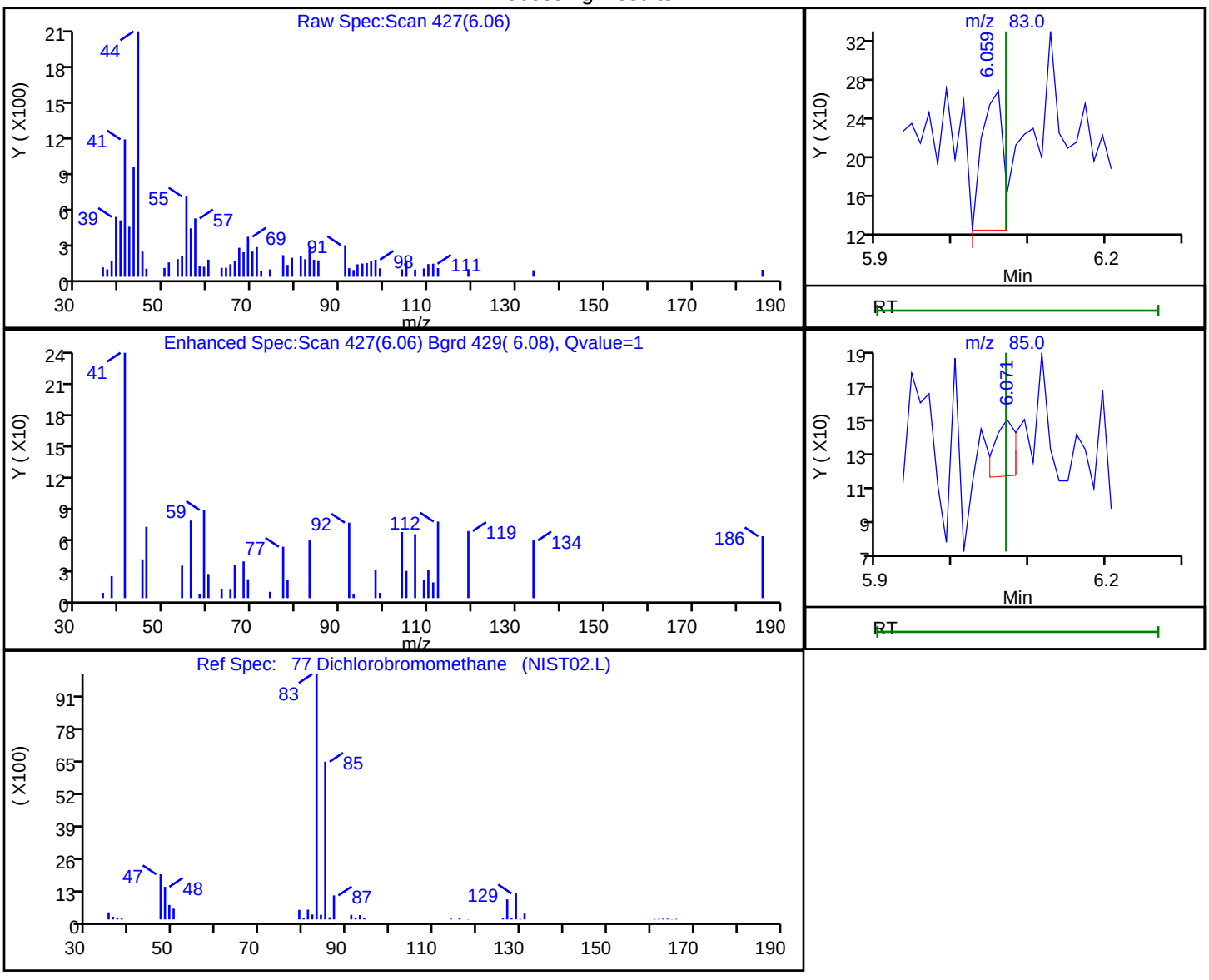
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.06	83.00	273	0.092368
6.07	85.00	60	

Reviewer: boykink, 15-Aug-2020 19:08:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

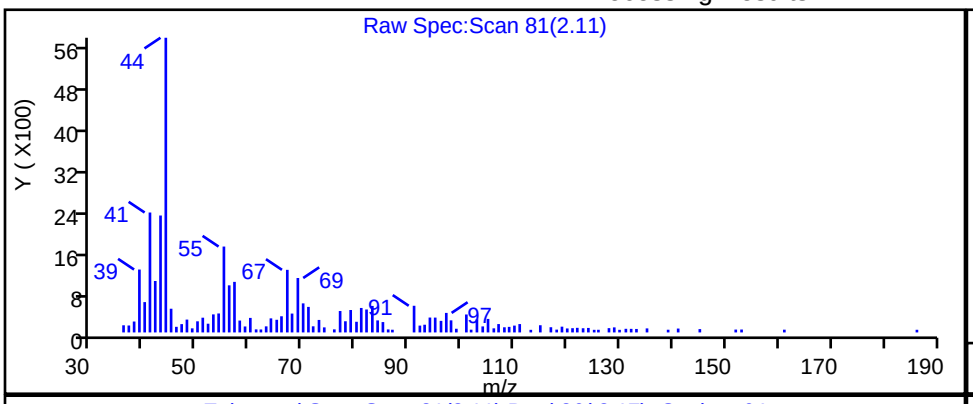
User Disabled Compound Report

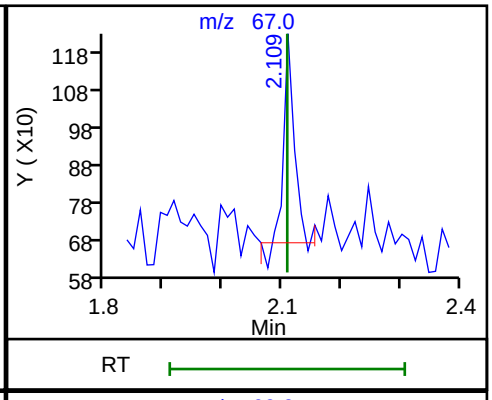
Eurofins TestAmerica, Edison

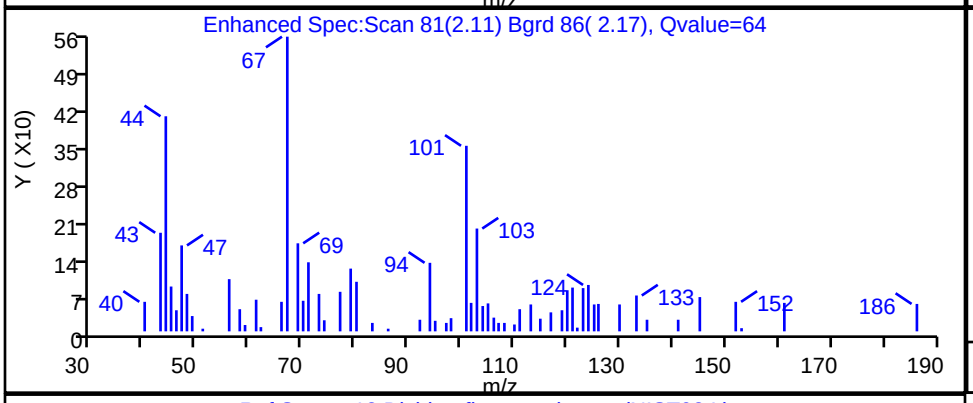
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

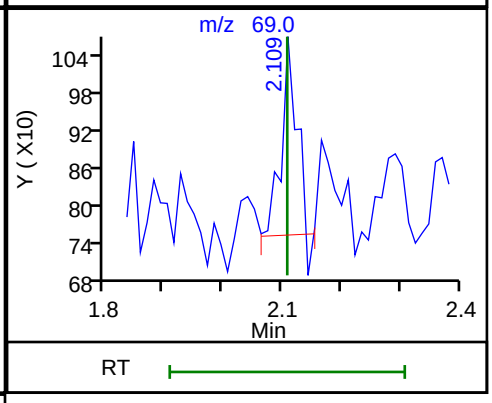
12 Dichlorofluoromethane, CAS: 75-43-4

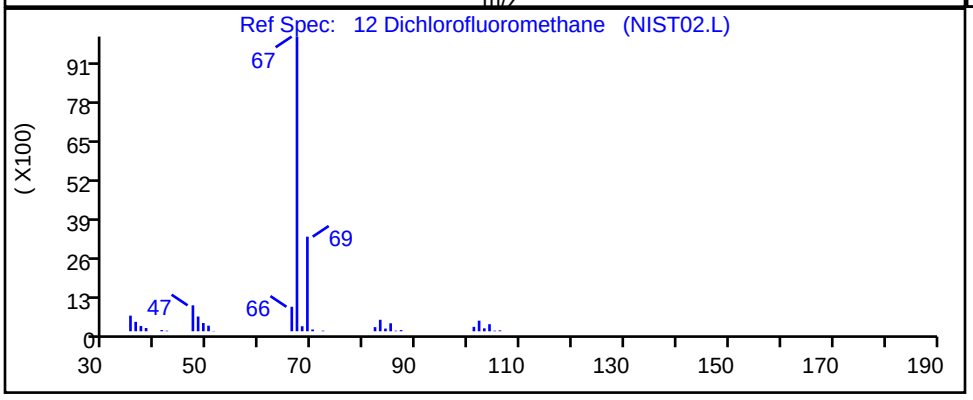
Processing Results











RT	Mass	Response	Amount
2.11	67.00	669	0.173157
2.11	69.00	551	

Reviewer: boykink, 15-Aug-2020 19:07:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

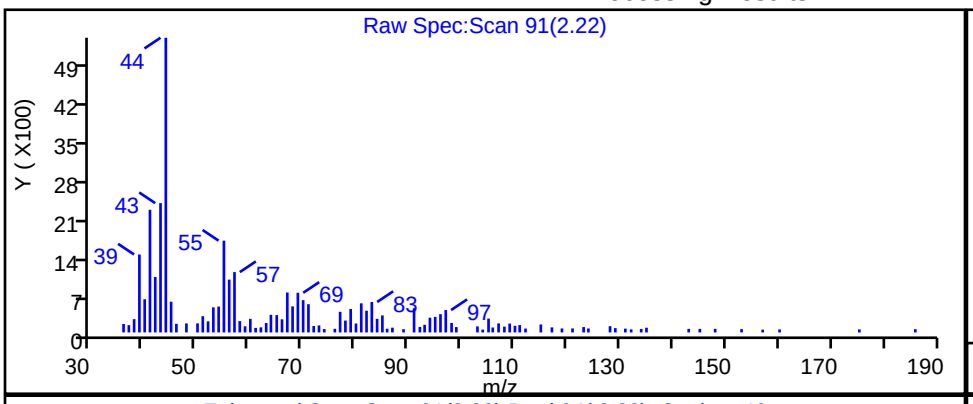
User Disabled Compound Report

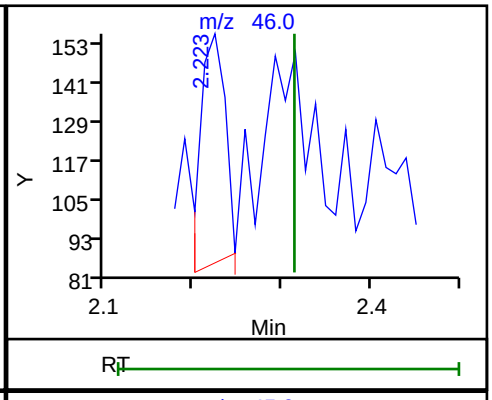
Eurofins TestAmerica, Edison

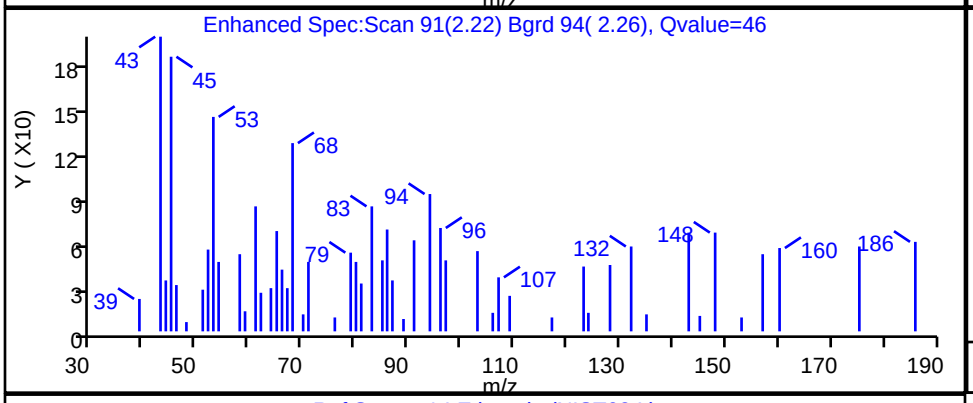
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

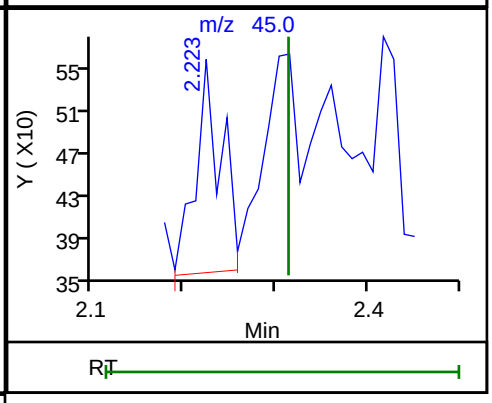
14 Ethanol, CAS: 64-17-5

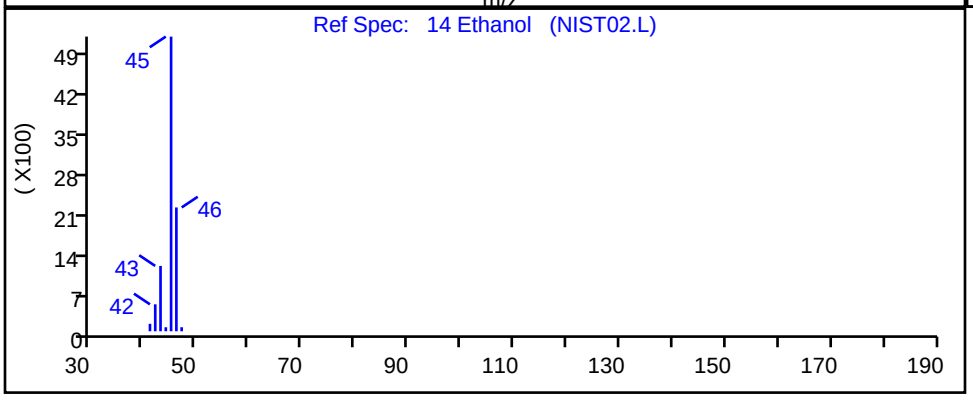
Processing Results











RT	Mass	Response	Amount
2.22	46.00	141	11.144109
2.22	45.00	387	

Reviewer: boykink, 15-Aug-2020 19:07:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

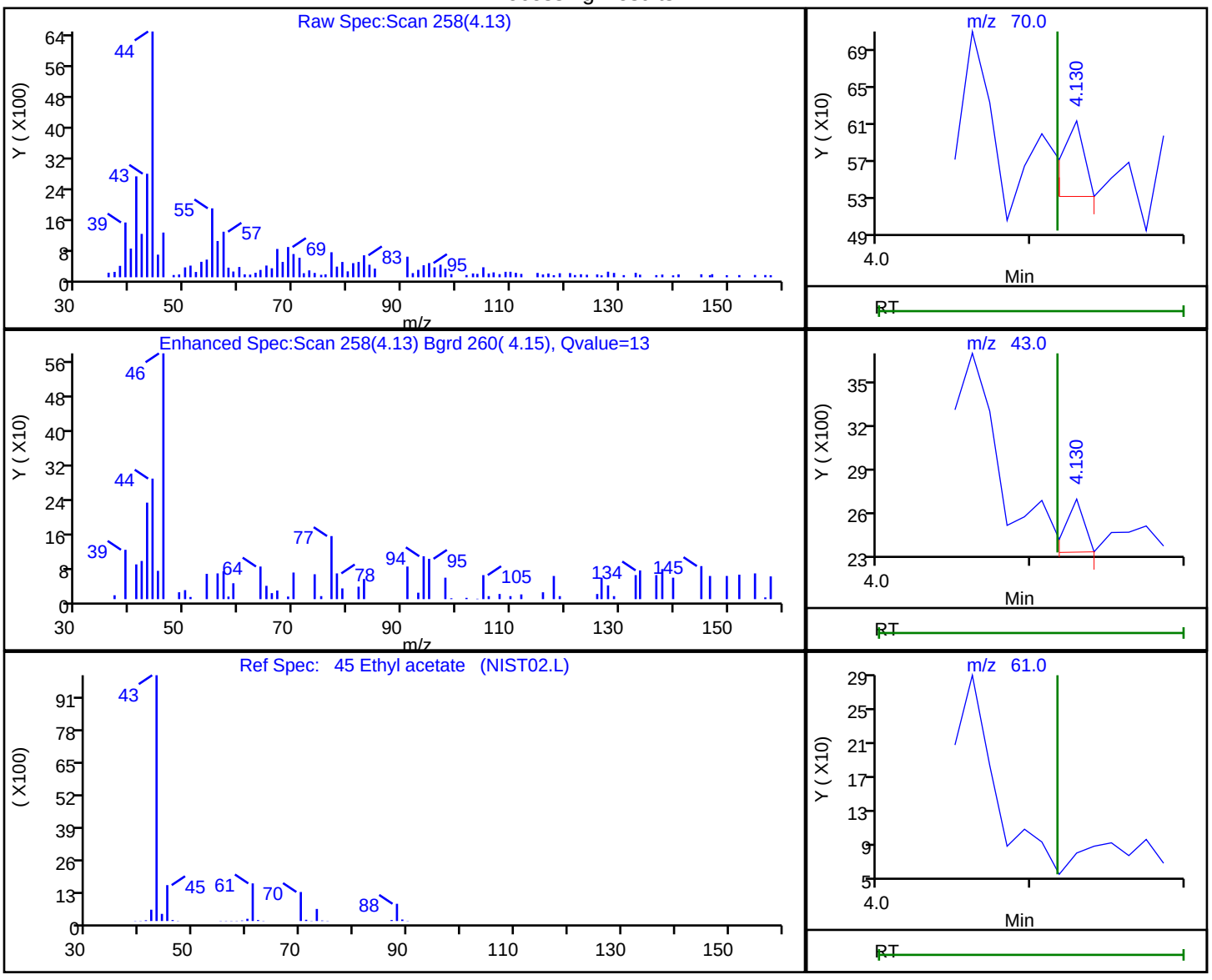
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.13	70.00	84	0.300121
4.13	43.00	305	
4.12	61.00	0	

Reviewer: boykink, 15-Aug-2020 19:08:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

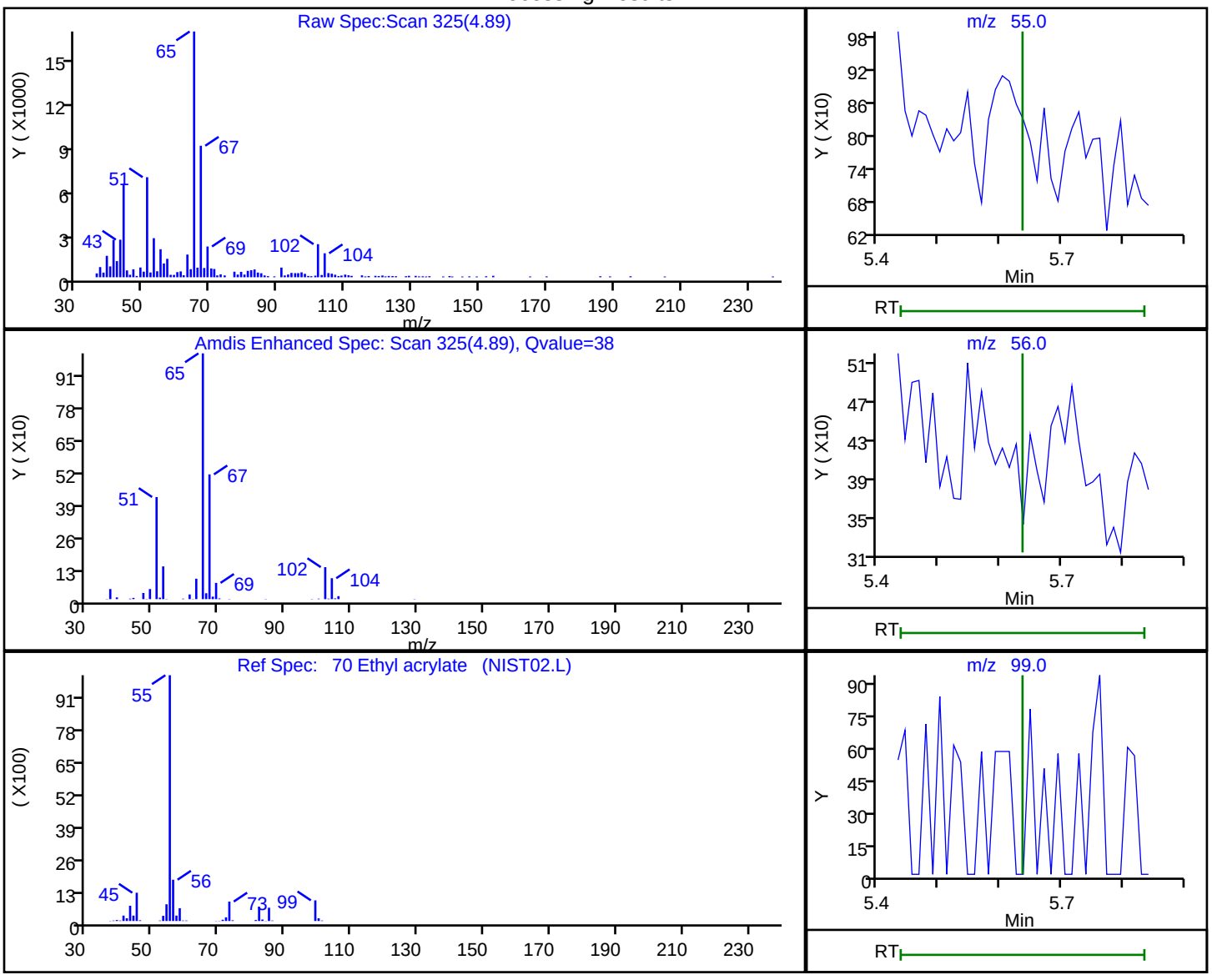
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.89	55.00	5897	3.304274
4.88	56.00	1335	
4.88	99.00	482	

Reviewer: boykink, 15-Aug-2020 19:08:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

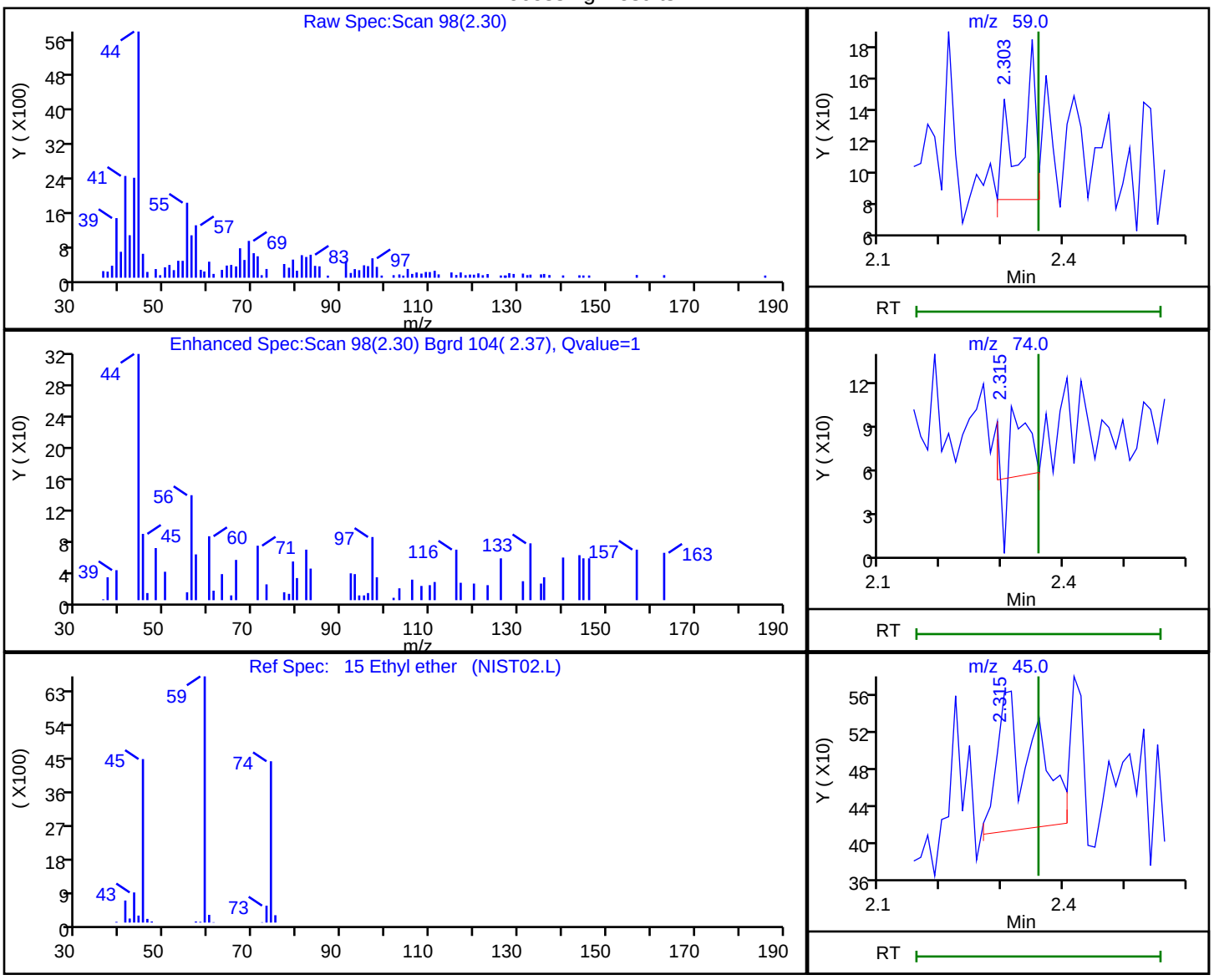
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.30	59.00	173	0.083799
2.31	74.00	89	
2.31	45.00	639	

Reviewer: boykink, 15-Aug-2020 19:07:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

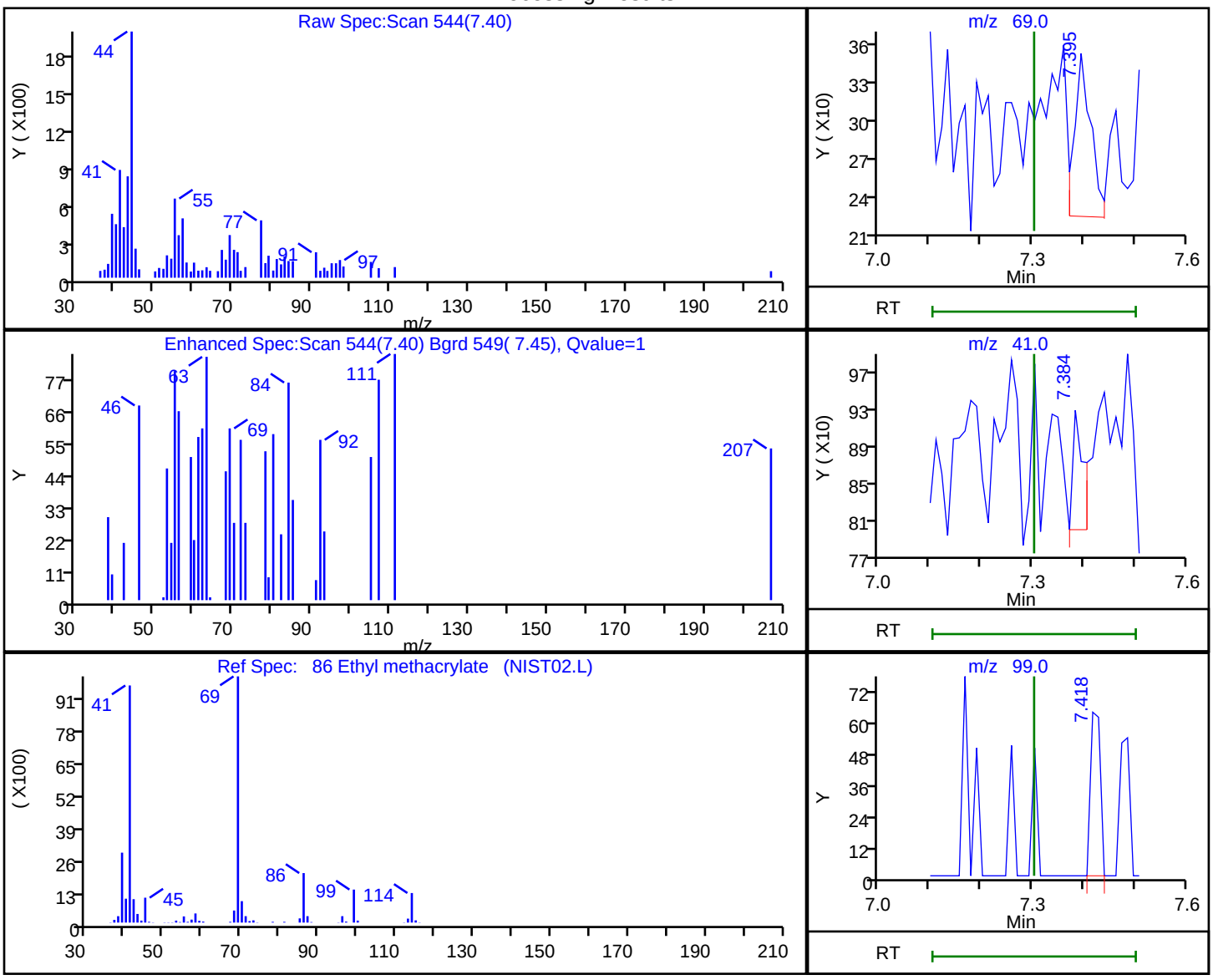
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.40	69.00	269	0.086911
7.38	41.00	177	
7.42	99.00	86	

Reviewer: boykink, 15-Aug-2020 19:08:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

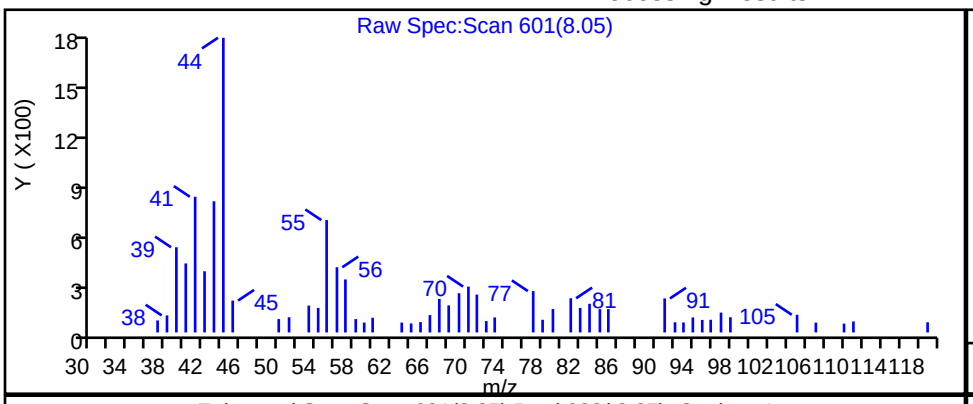
User Disabled Compound Report

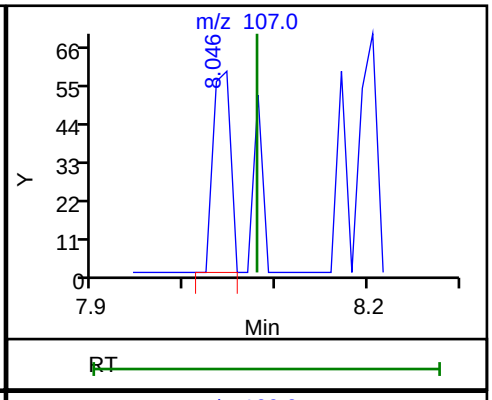
Eurofins TestAmerica, Edison

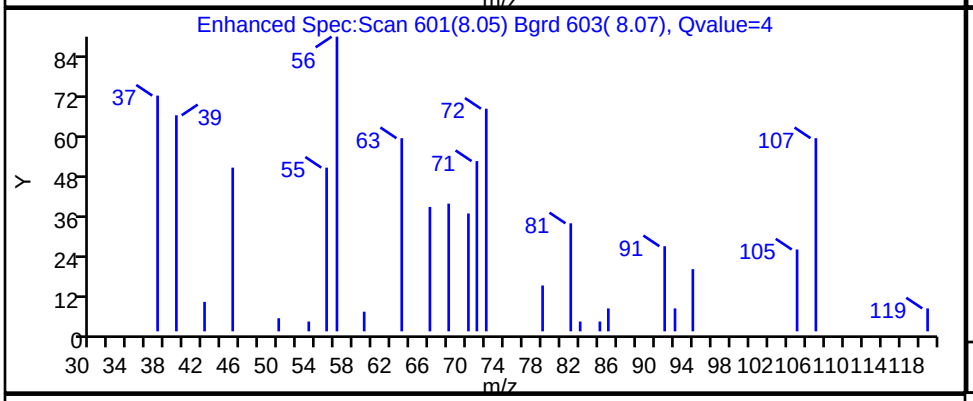
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

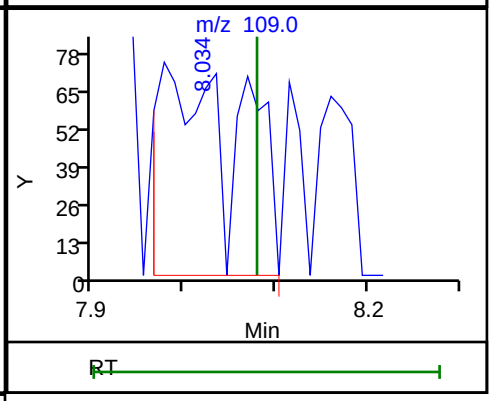
93 Ethylene Dibromide, CAS: 106-93-4

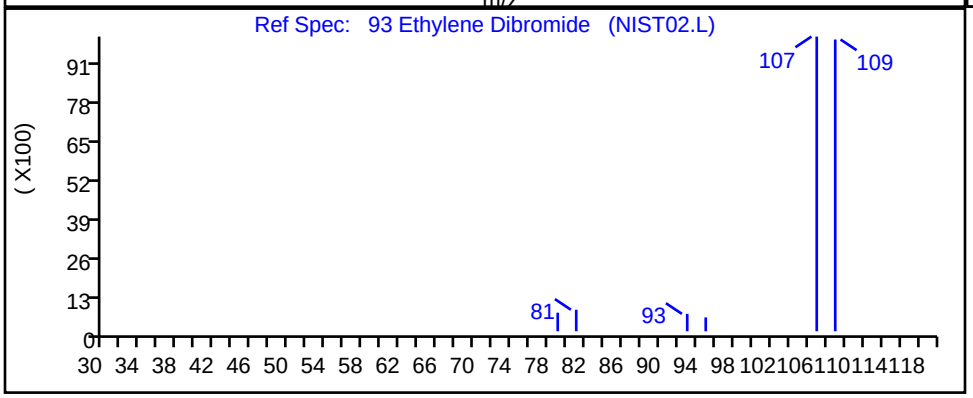
Processing Results











RT	Mass	Response	Amount
8.05	107.00	79	0.043301
8.03	109.00	475	

Reviewer: boykink, 15-Aug-2020 19:08:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

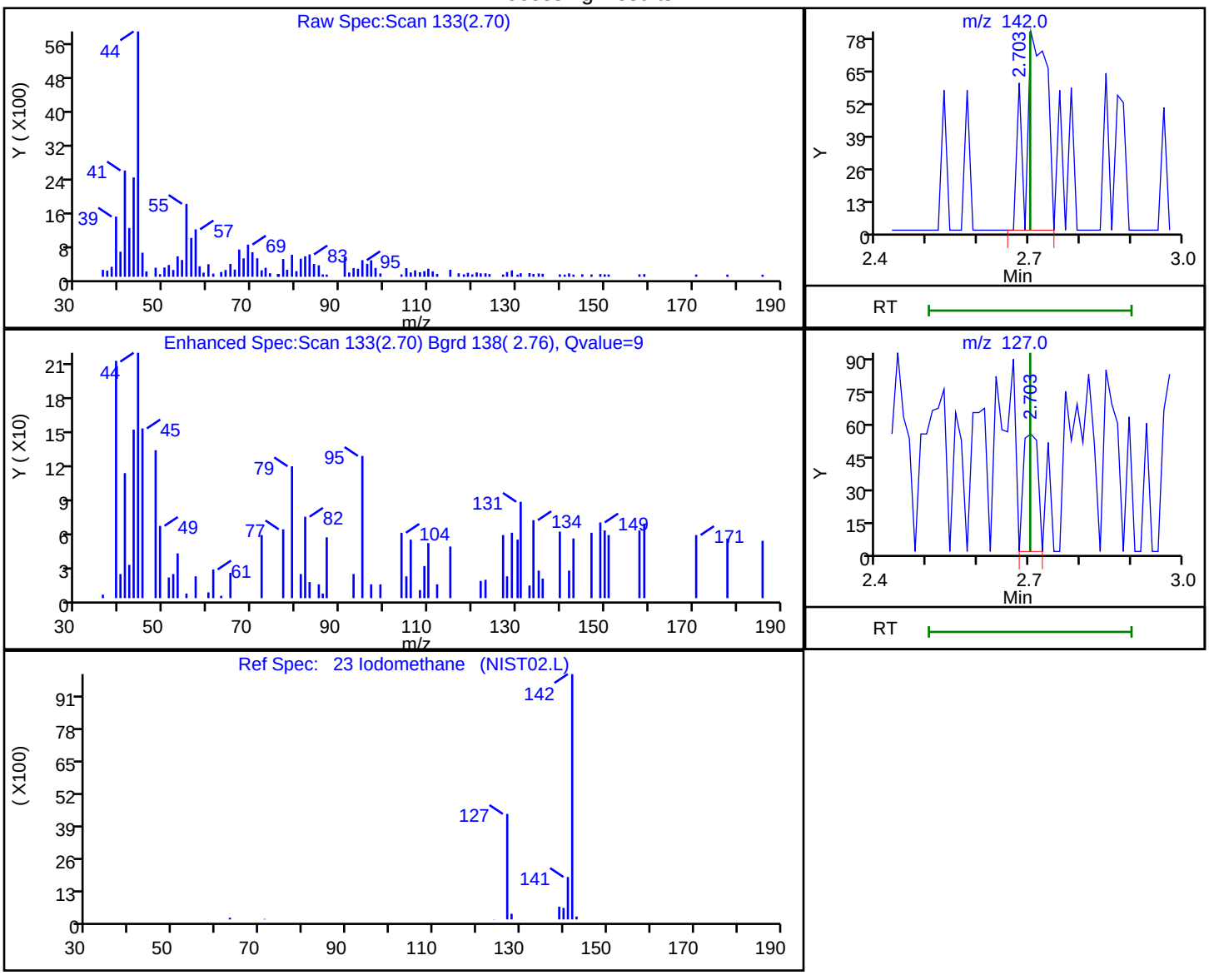
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.70	142.00	240	0.120457
2.70	127.00	110	

Reviewer: boykink, 15-Aug-2020 19:07:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

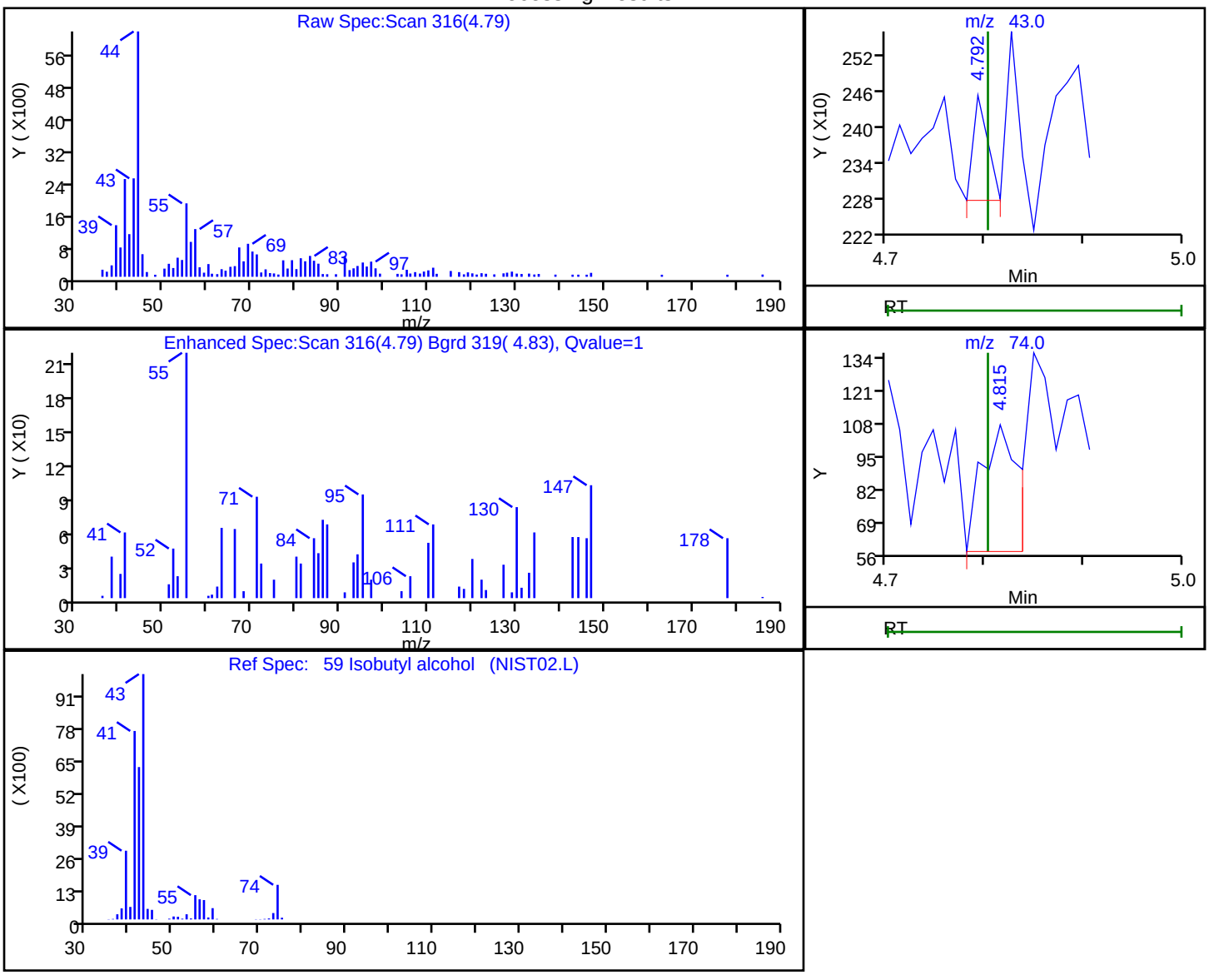
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.79	43.00	180	1.022726
4.81	74.00	130	

Reviewer: boykink, 15-Aug-2020 19:08:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

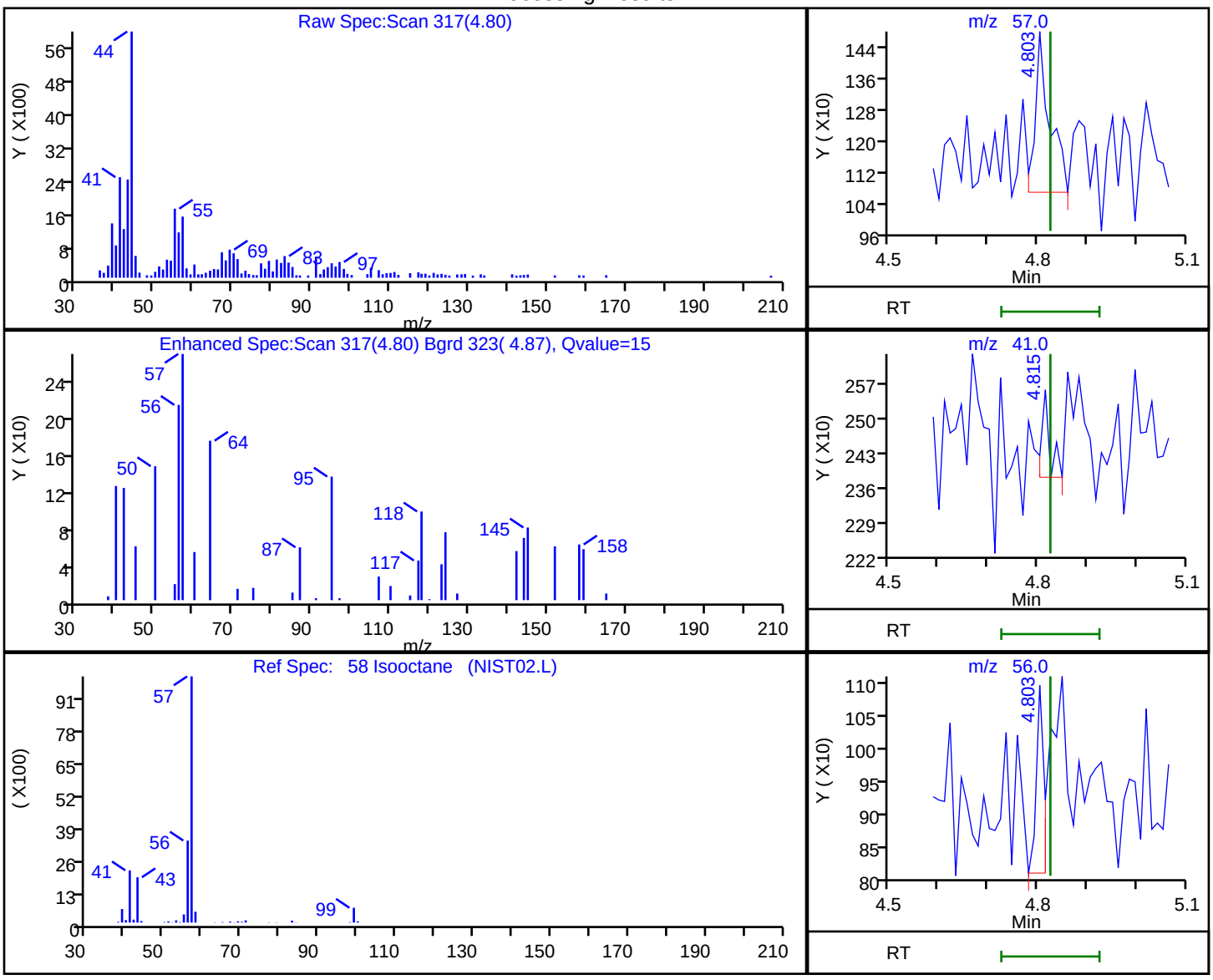
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.80	57.00	834	0.228707
4.81	41.00	201	
4.80	56.00	302	

Reviewer: boykink, 15-Aug-2020 19:08:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

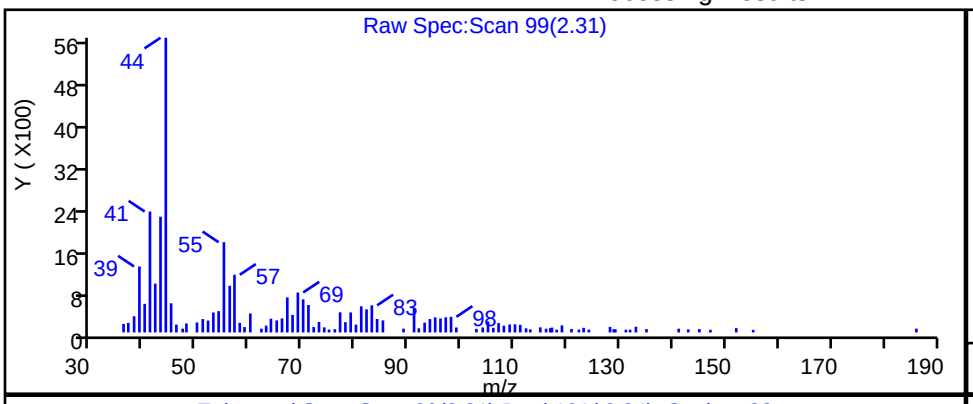
User Disabled Compound Report

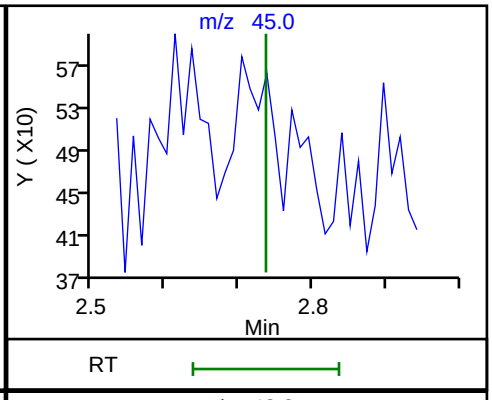
Eurofins TestAmerica, Edison

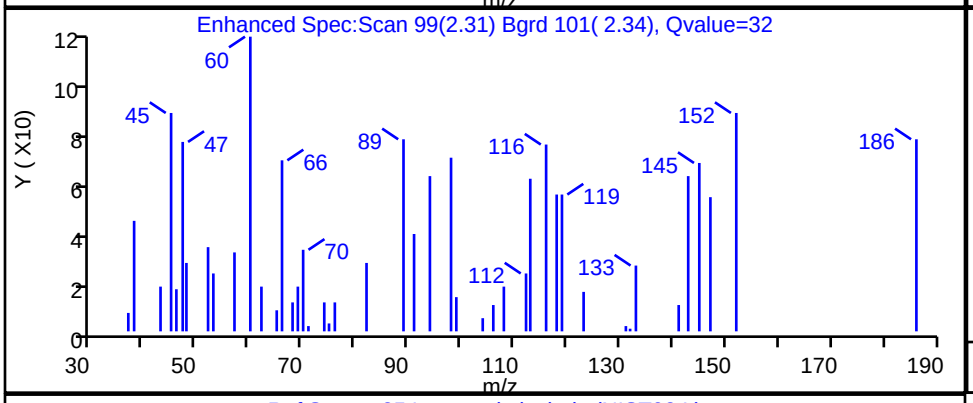
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

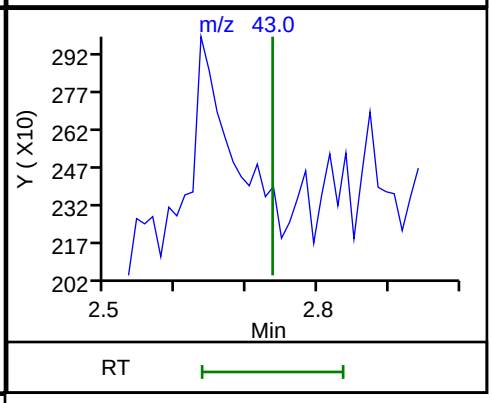
25 Isopropyl alcohol, CAS: 67-63-0

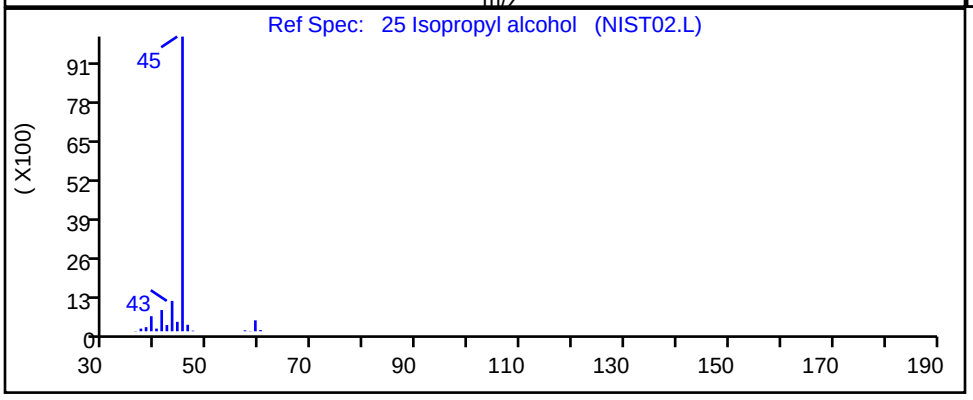
Processing Results











RT	Mass	Response	Amount
2.31	45.00	440	1.799706
2.30	43.00	629	

Reviewer: boykink, 15-Aug-2020 19:07:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

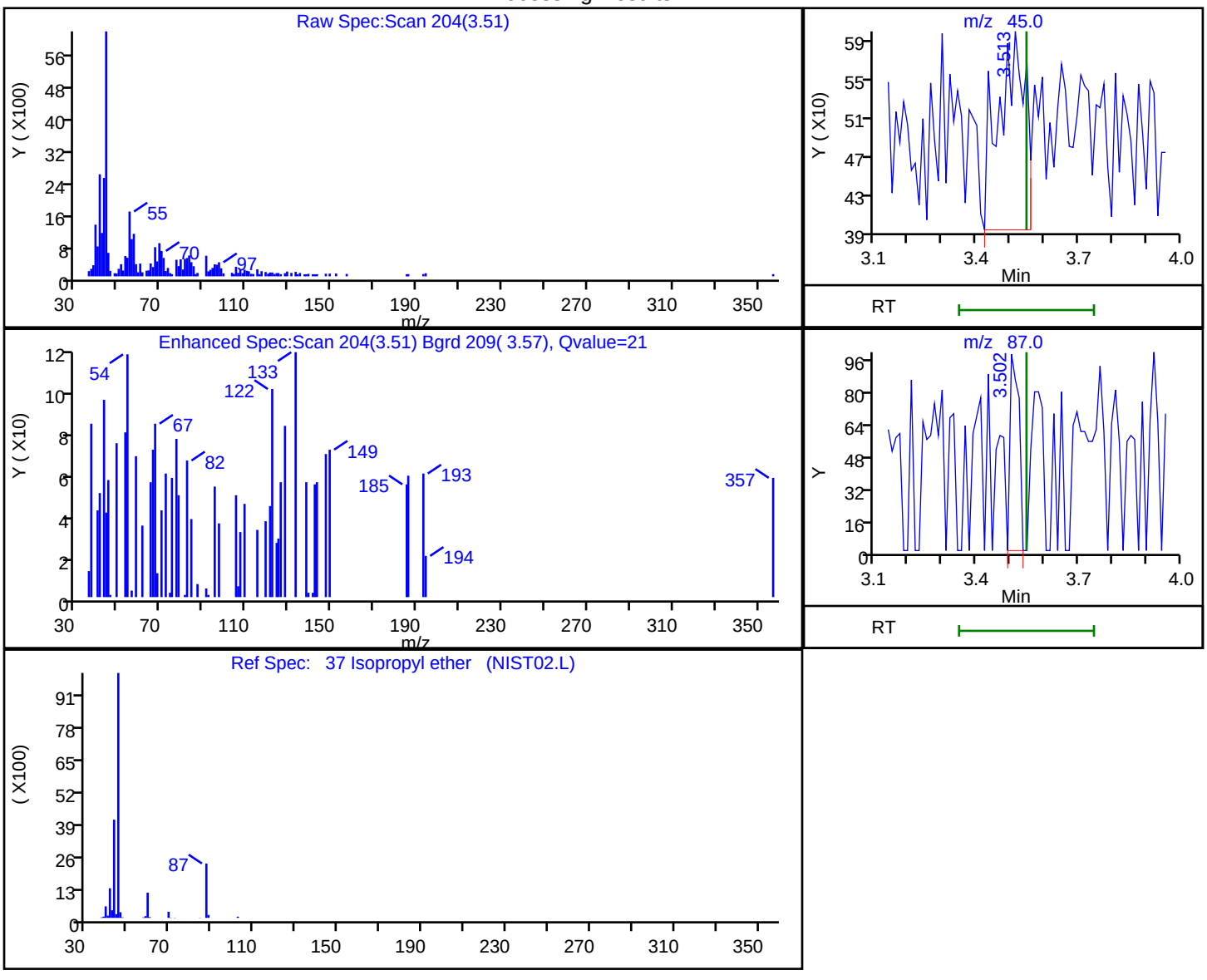
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.51	45.00	1093	0.112015
3.50	87.00	179	

Reviewer: boykink, 15-Aug-2020 19:08:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

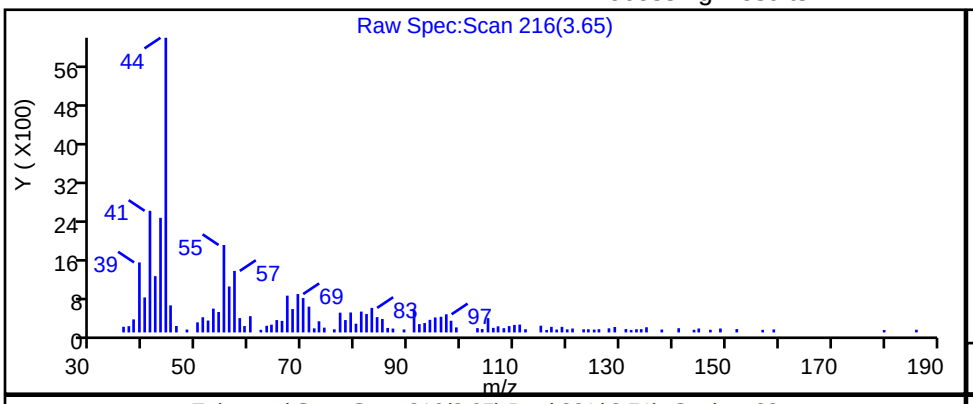
User Disabled Compound Report

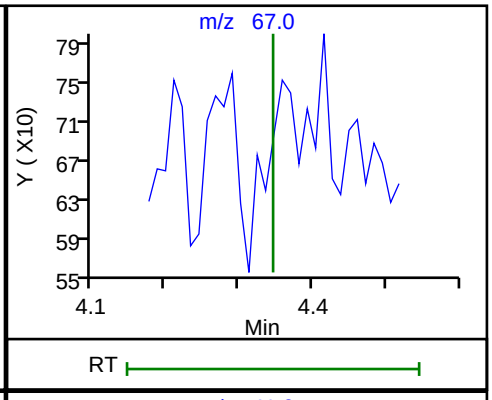
Eurofins TestAmerica, Edison

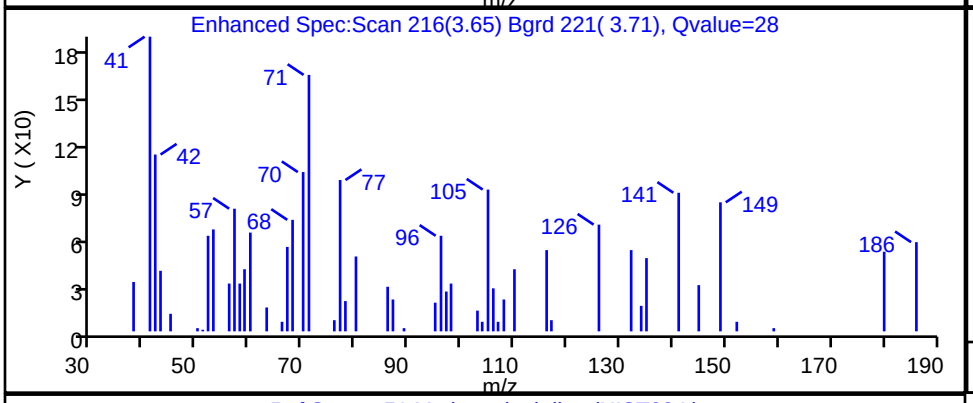
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

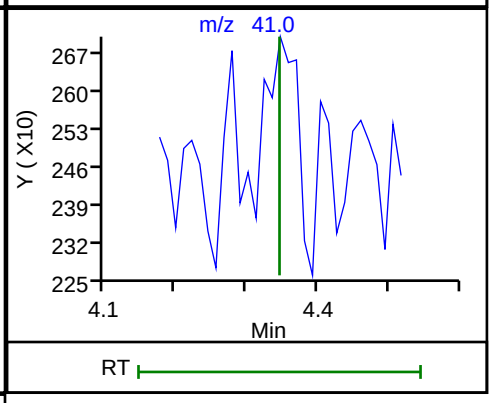
51 Methacrylonitrile, CAS: 126-98-7

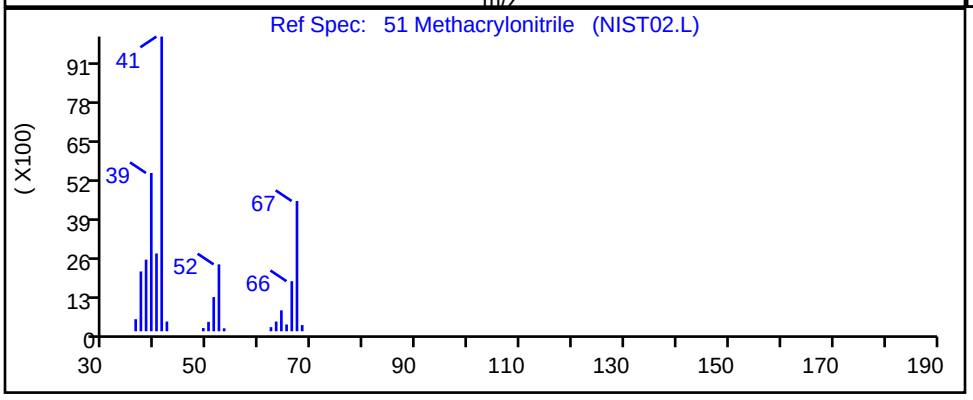
Processing Results











RT	Mass	Response	Amount
3.65	67.00	393	65.095590
3.64	41.00	396	

Reviewer: boykink, 15-Aug-2020 19:08:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

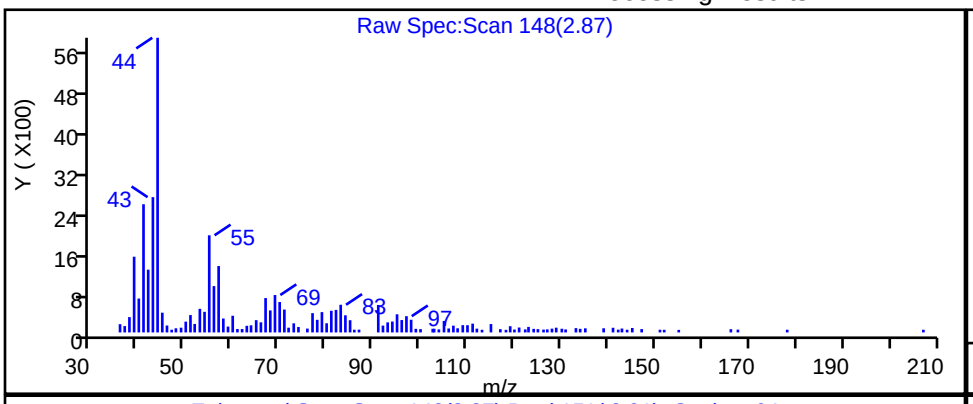
User Disabled Compound Report

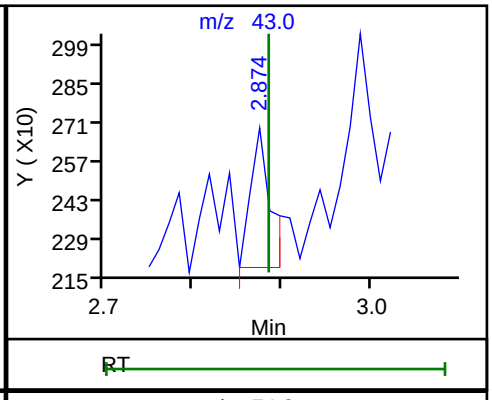
Eurofins TestAmerica, Edison

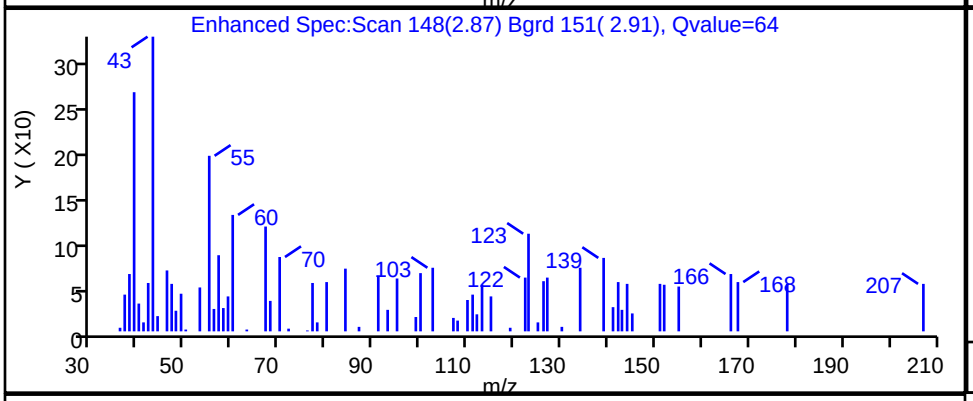
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

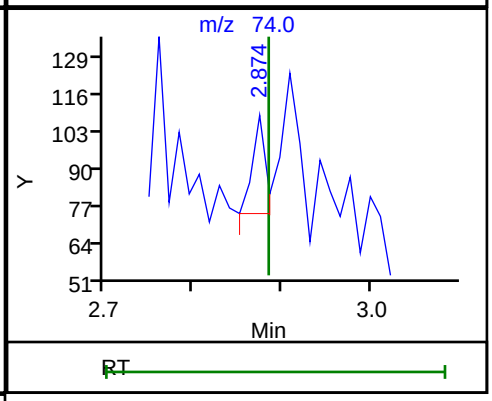
28 Methyl acetate, CAS: 79-20-9

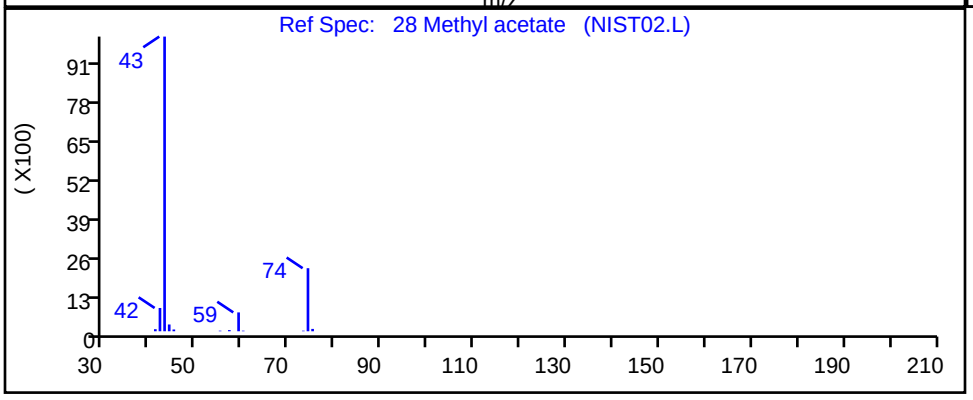
Processing Results











RT	Mass	Response	Amount
2.87	43.00	801	0.321612
2.87	74.00	36	

Reviewer: boykink, 15-Aug-2020 19:07:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

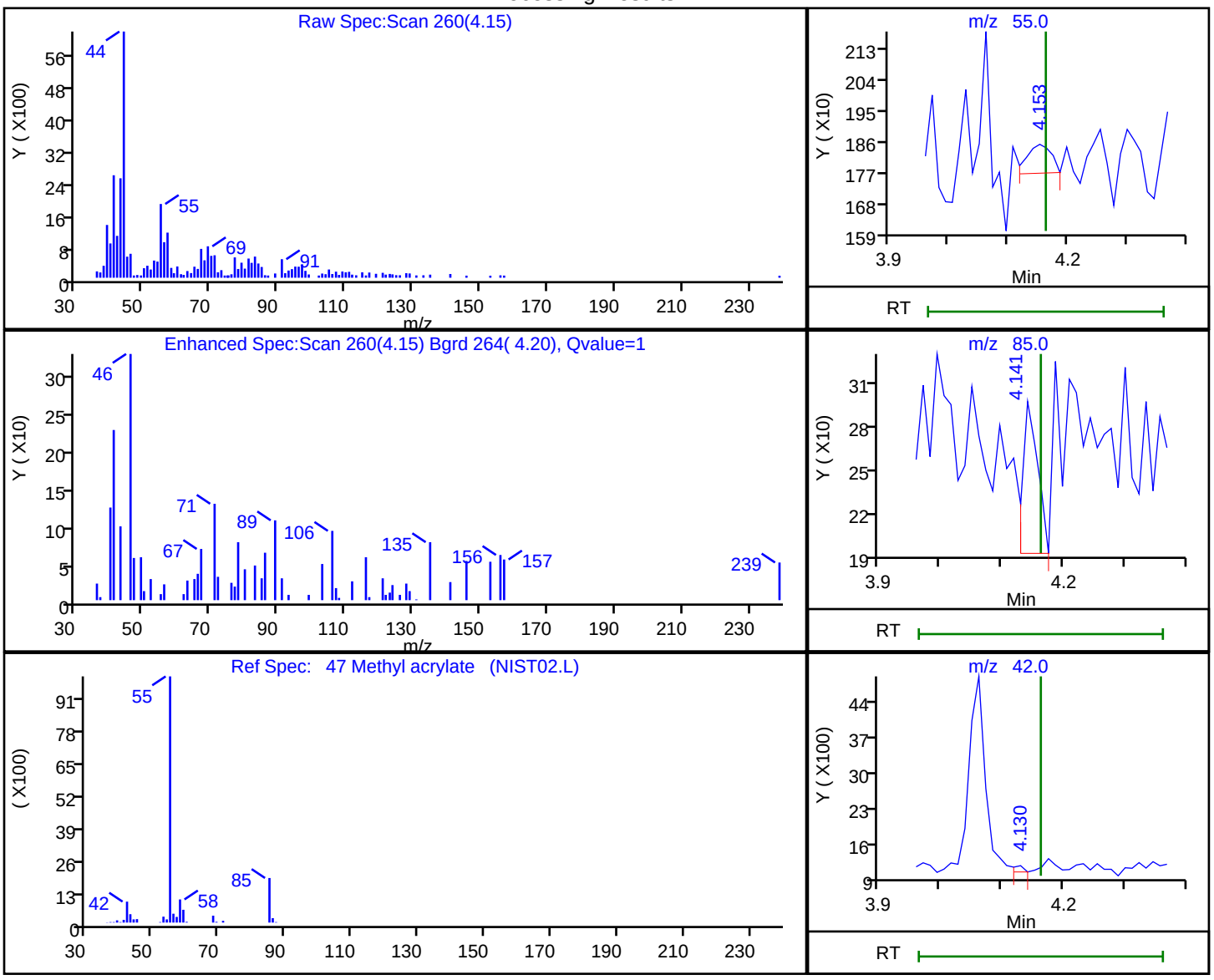
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.15	55.00	243	0.088748
4.14	85.00	172	
4.13	42.00	149	

Reviewer: boykink, 15-Aug-2020 19:08:19

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

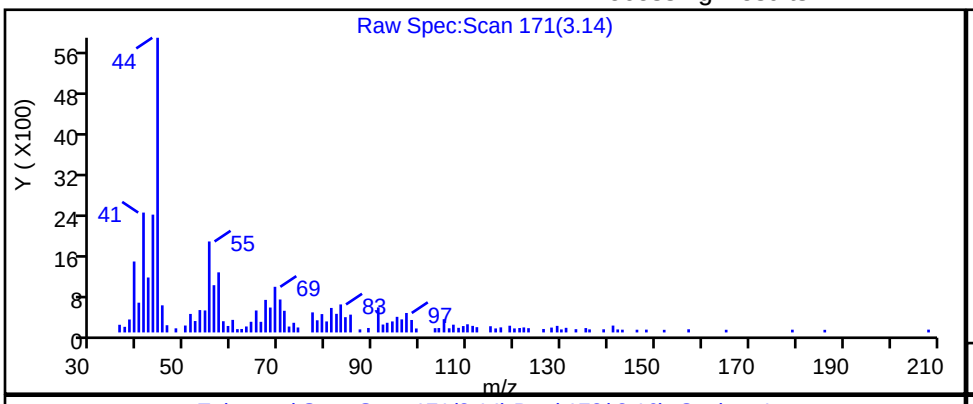
User Disabled Compound Report

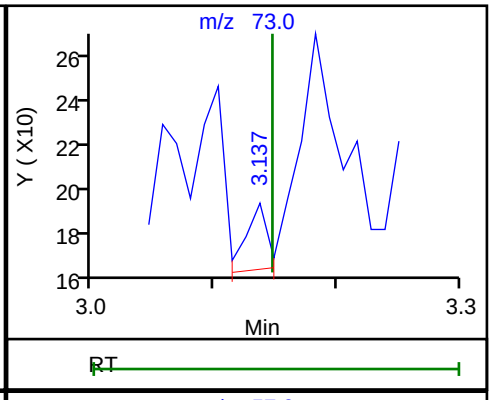
Eurofins TestAmerica, Edison

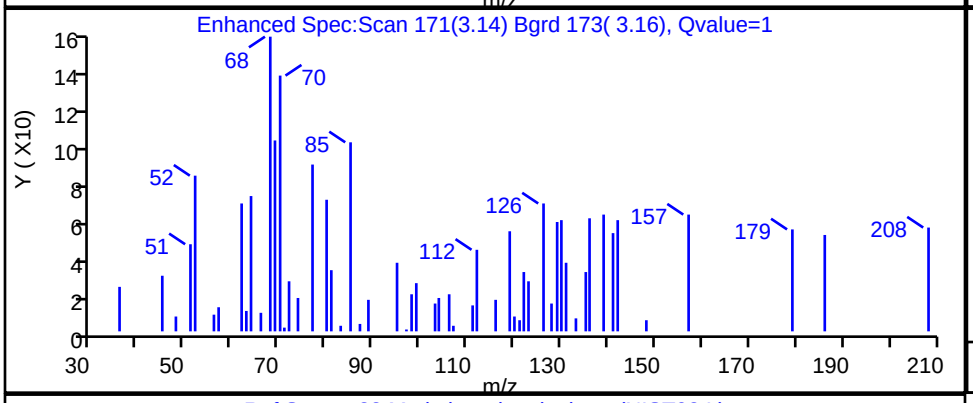
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

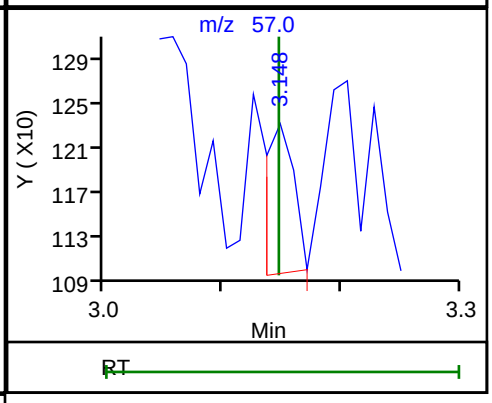
33 Methyl tert-butyl ether, CAS: 1634-04-4

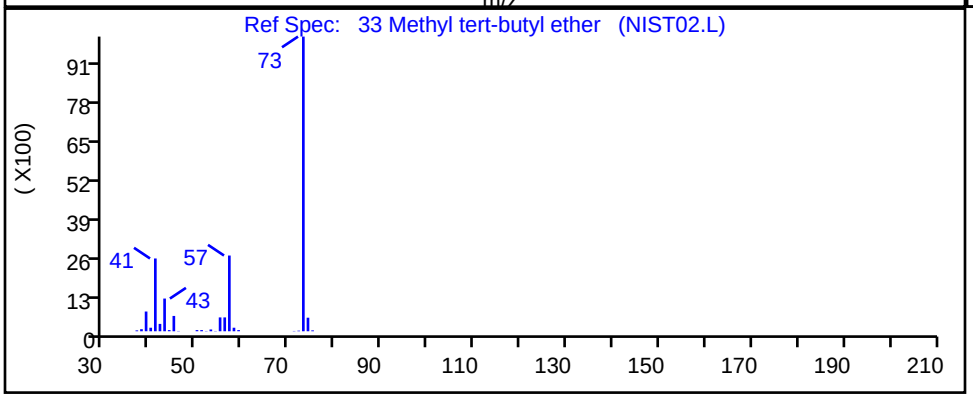
Processing Results











RT	Mass	Response	Amount
3.14	73.00	35	0.005009
3.15	57.00	225	

Reviewer: boykink, 15-Aug-2020 19:08:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

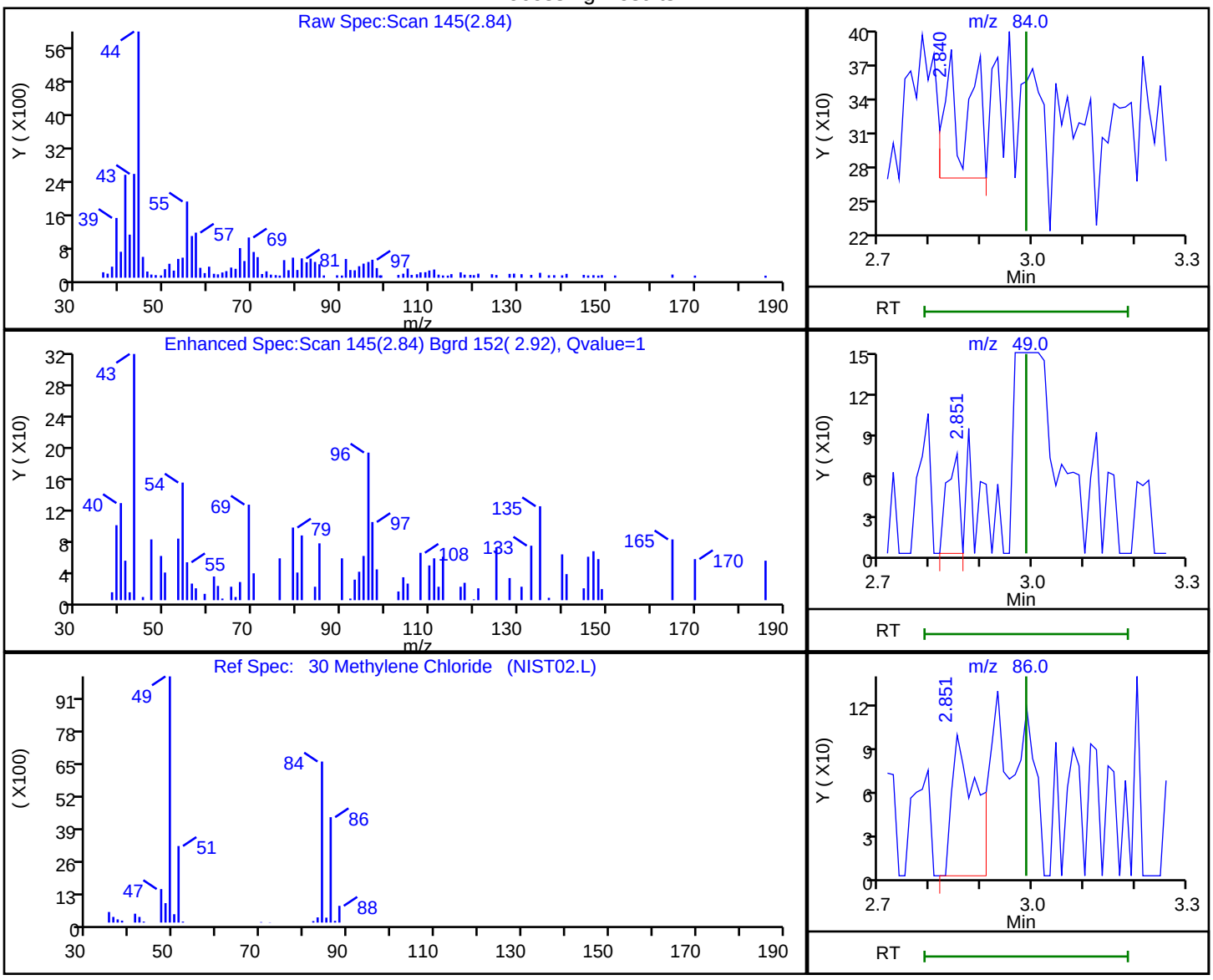
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.84	84.00	350	0.167421
2.85	49.00	126	
2.85	86.00	315	

Reviewer: boykink, 15-Aug-2020 19:07:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

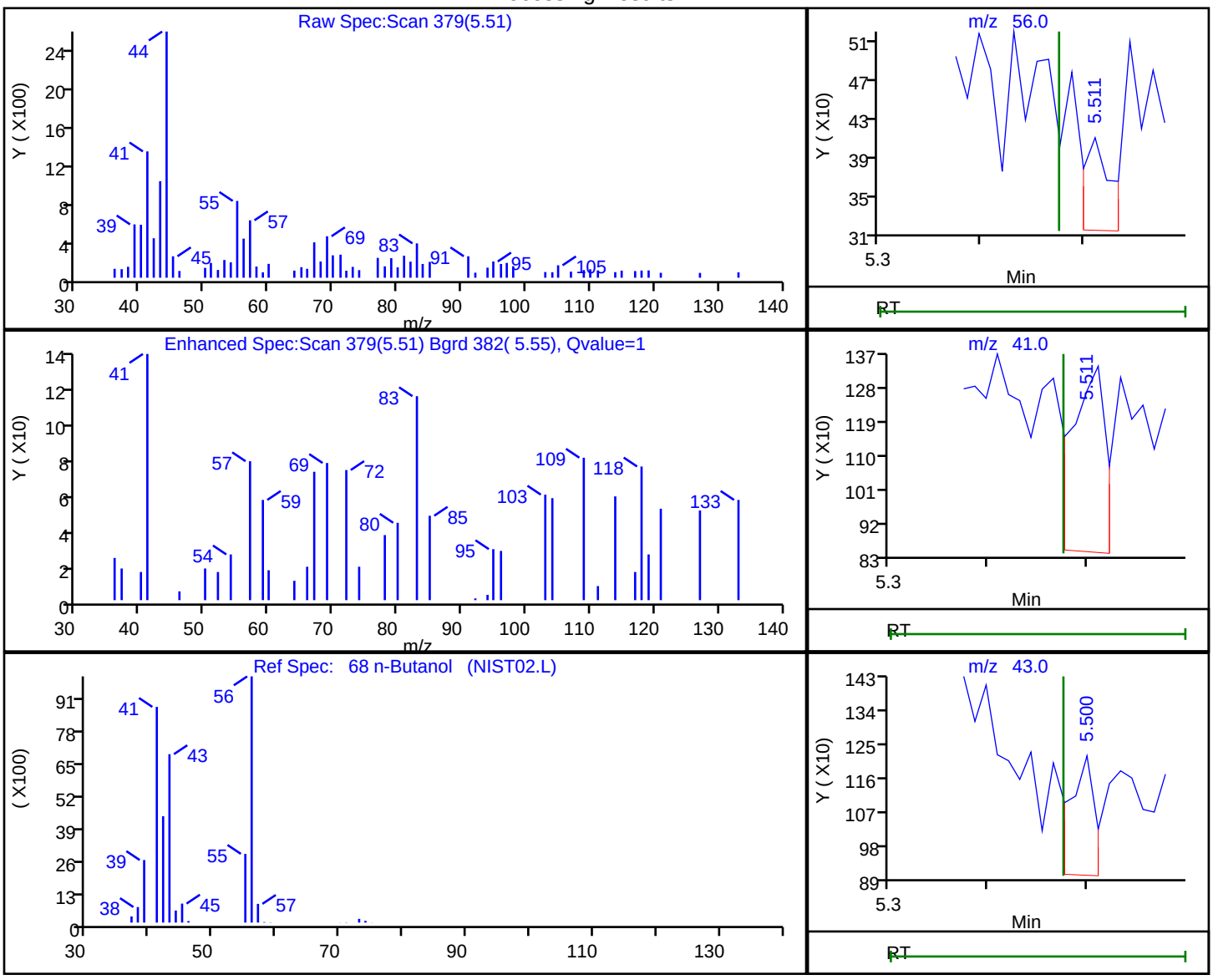
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D				
Injection Date:	15-Aug-2020 04:48:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.51	56.00	175	1.988474
5.51	41.00	1219	
5.50	43.00	578	

Reviewer: boykink, 15-Aug-2020 19:08:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

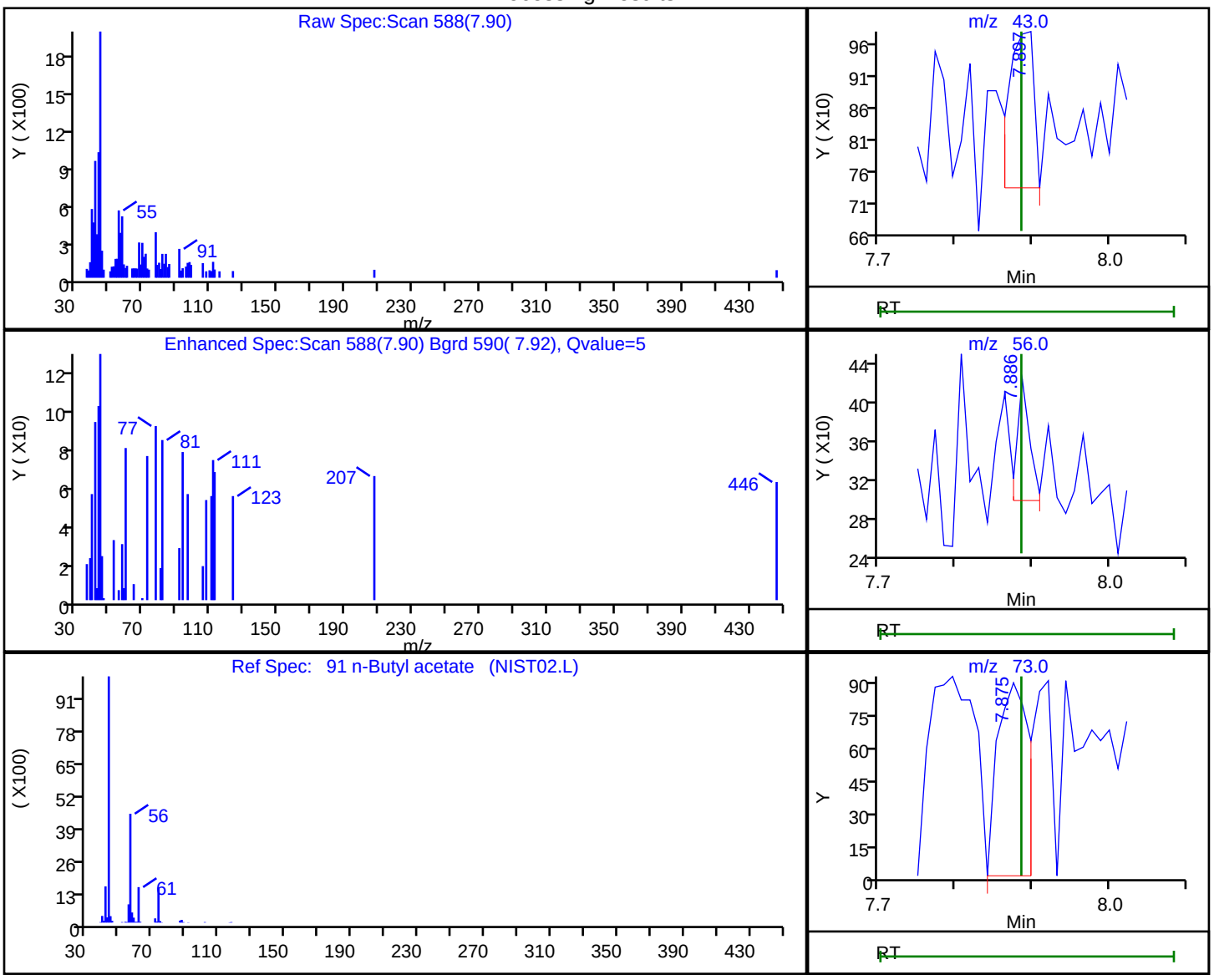
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.90	43.00	549	0.119986
7.89	56.00	139	
7.87	73.00	256	

Reviewer: boykink, 15-Aug-2020 19:08:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

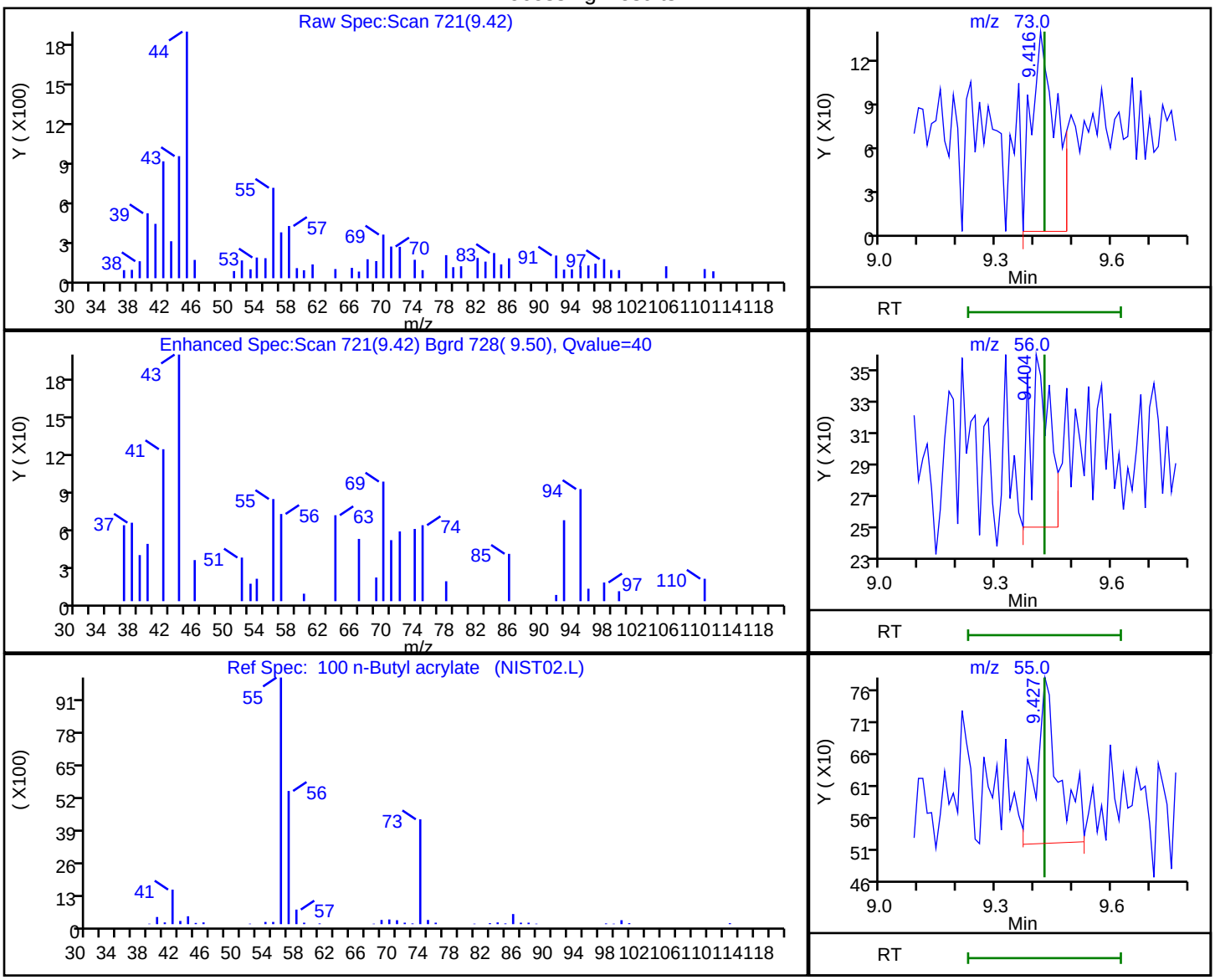
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.42	73.00	618	0.341208
9.40	56.00	372	
9.43	55.00	1071	

Reviewer: boykink, 15-Aug-2020 19:08:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

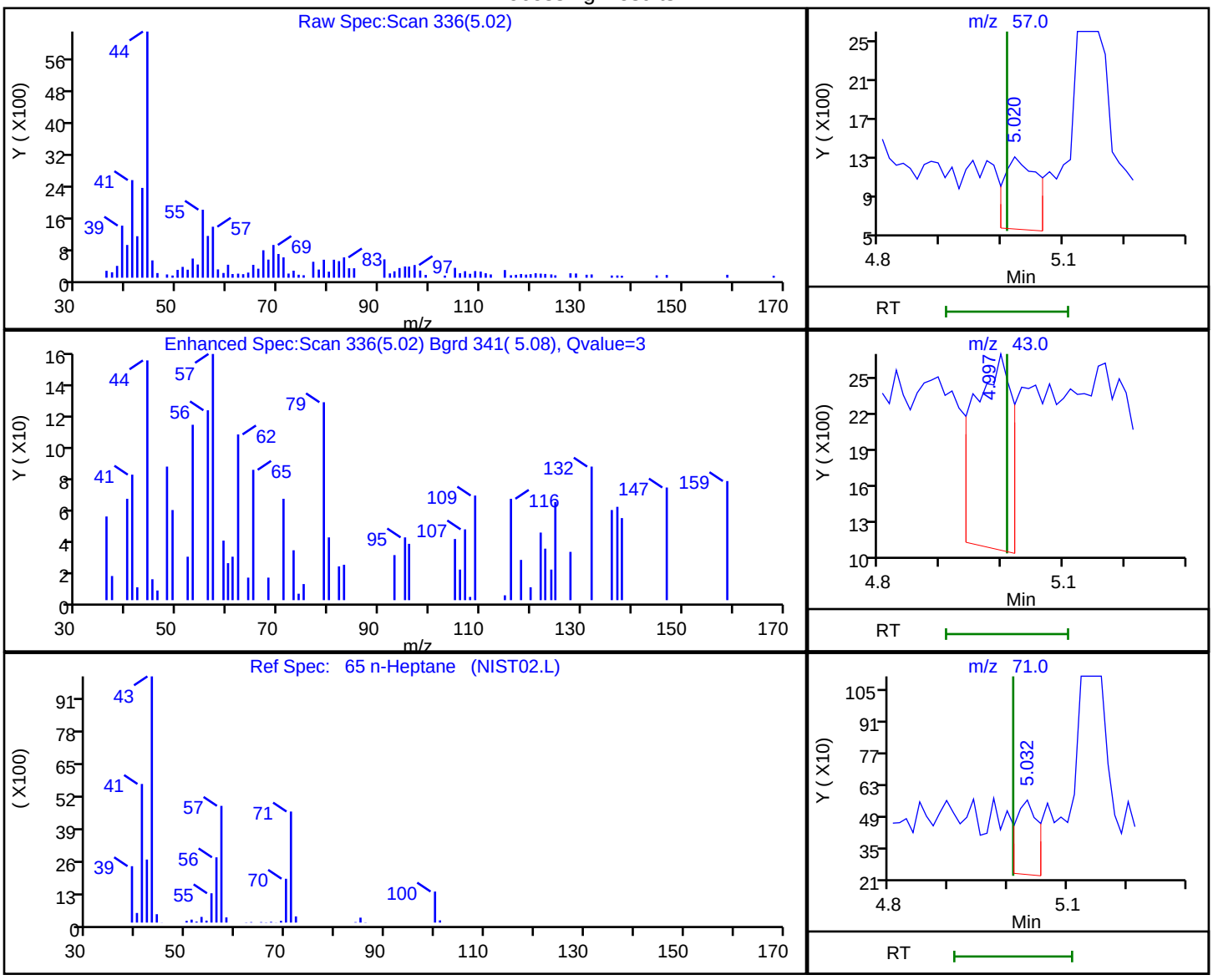
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.02	57.00	2878	-0.443442
5.00	43.00	7097	
5.03	71.00	909	

Reviewer: boykink, 15-Aug-2020 19:08:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

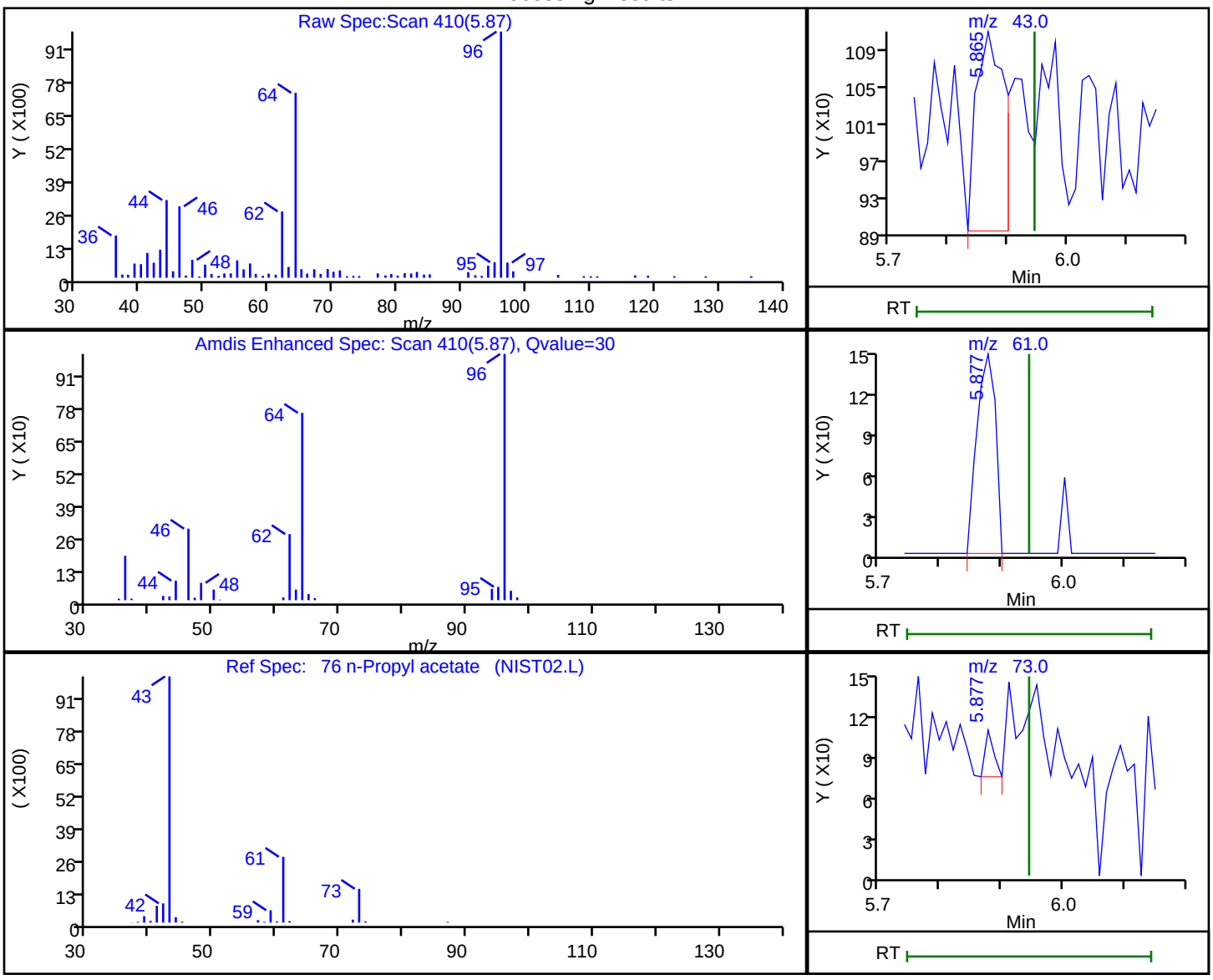
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.87	43.00	705	0.150281
5.88	61.00	299	
5.88	73.00	32	

Reviewer: boykink, 15-Aug-2020 19:08:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

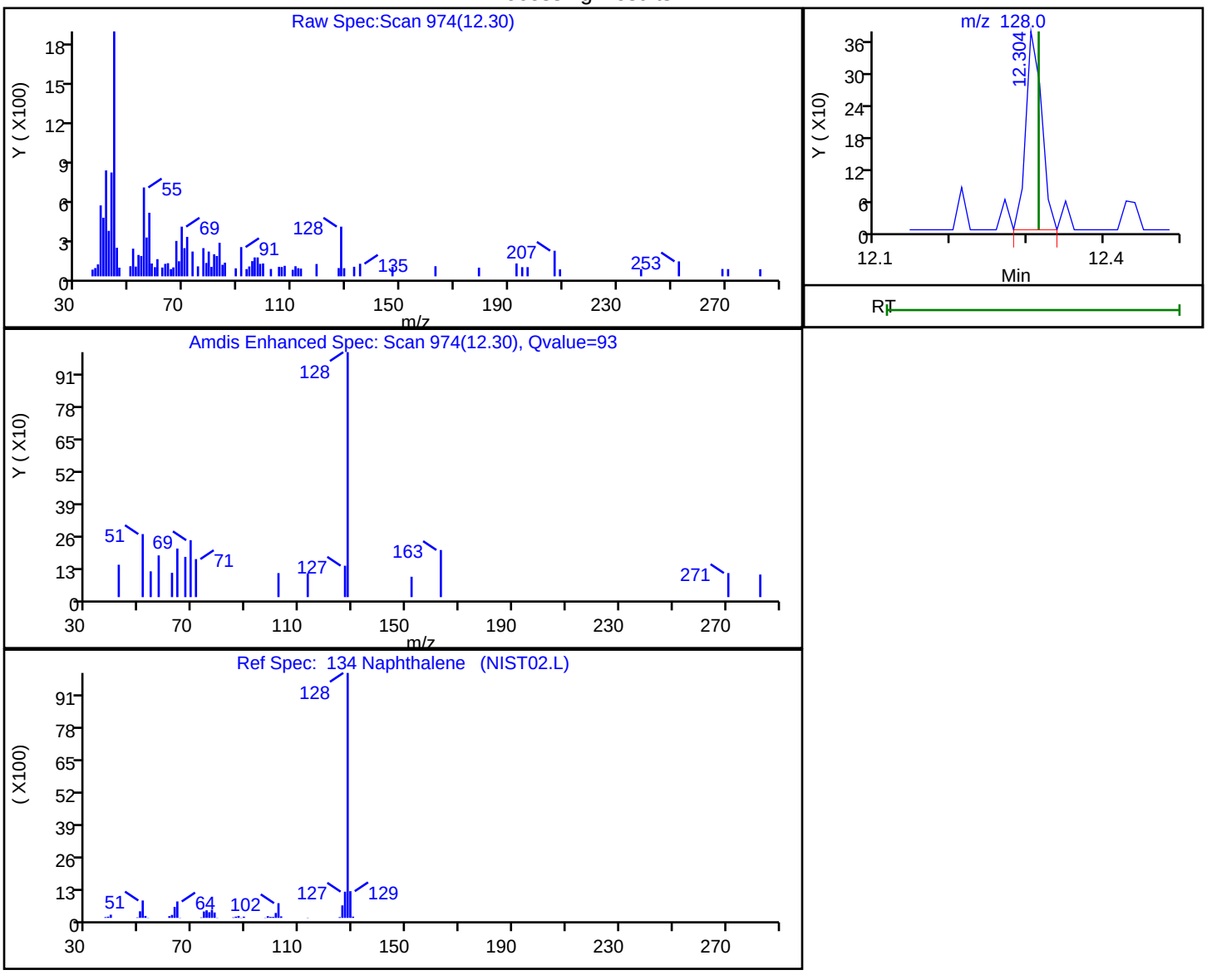
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.30	128.00	545	0.127201

Reviewer: boykink, 15-Aug-2020 19:09:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

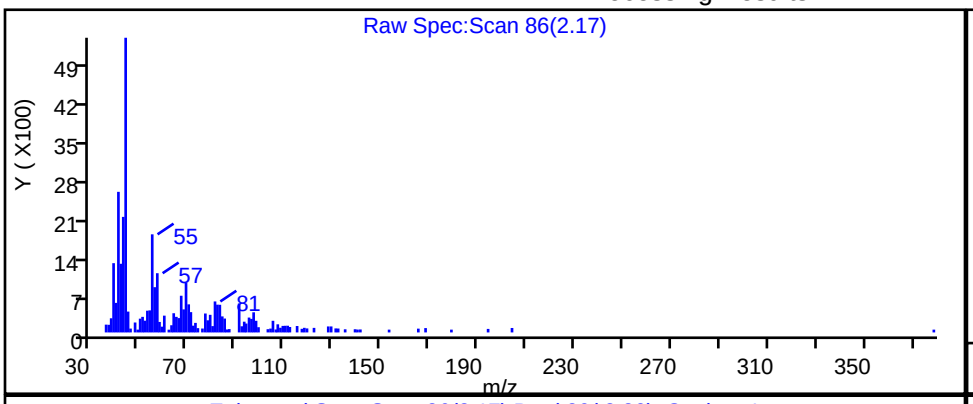
User Disabled Compound Report

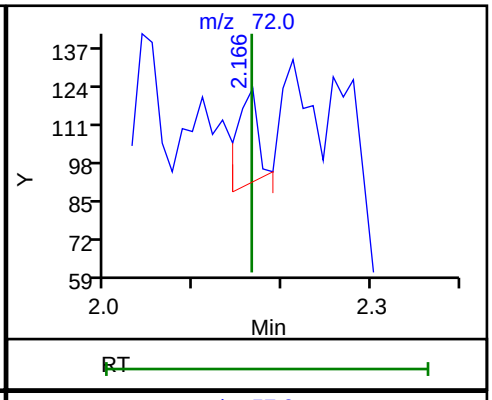
Eurofins TestAmerica, Edison

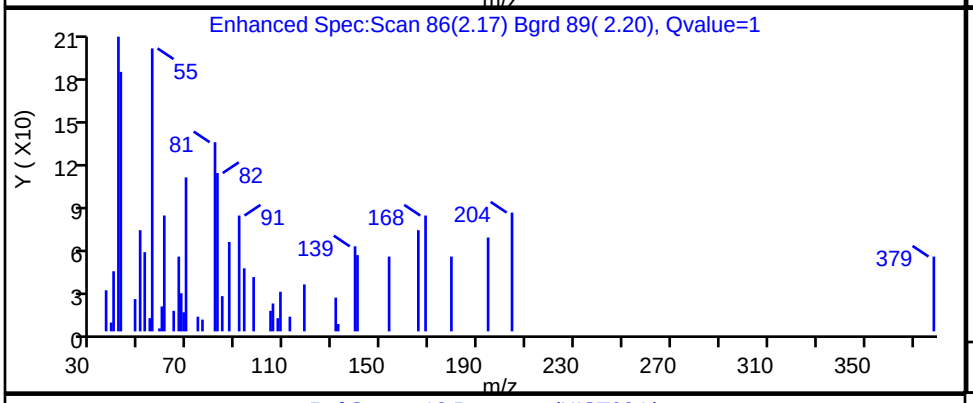
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

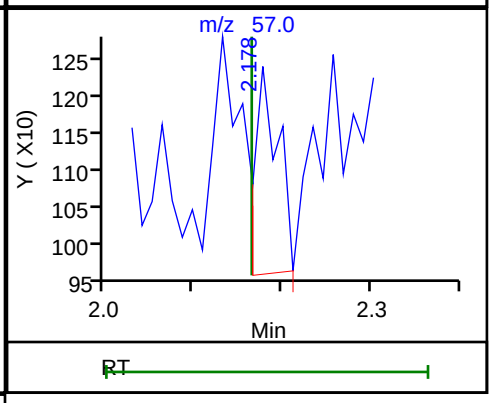
13 Pentane, CAS: 109-66-0

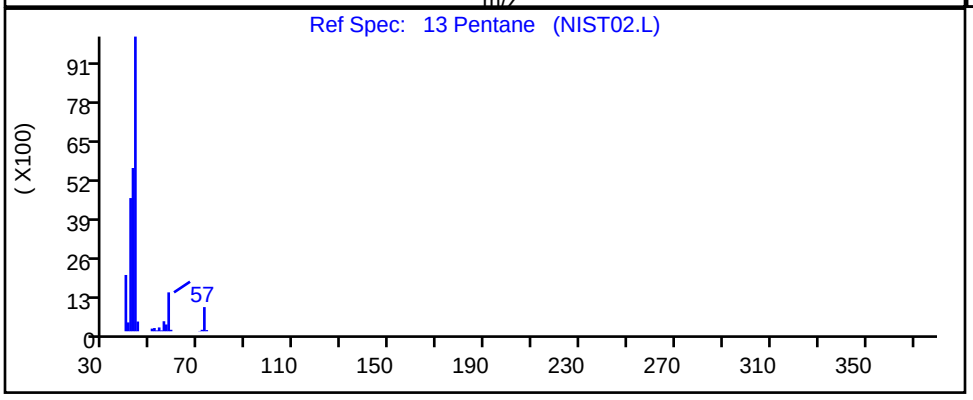
Processing Results











RT	Mass	Response	Amount
2.17	72.00	54	0.672296
2.18	57.00	512	

Reviewer: boykink, 15-Aug-2020 19:07:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

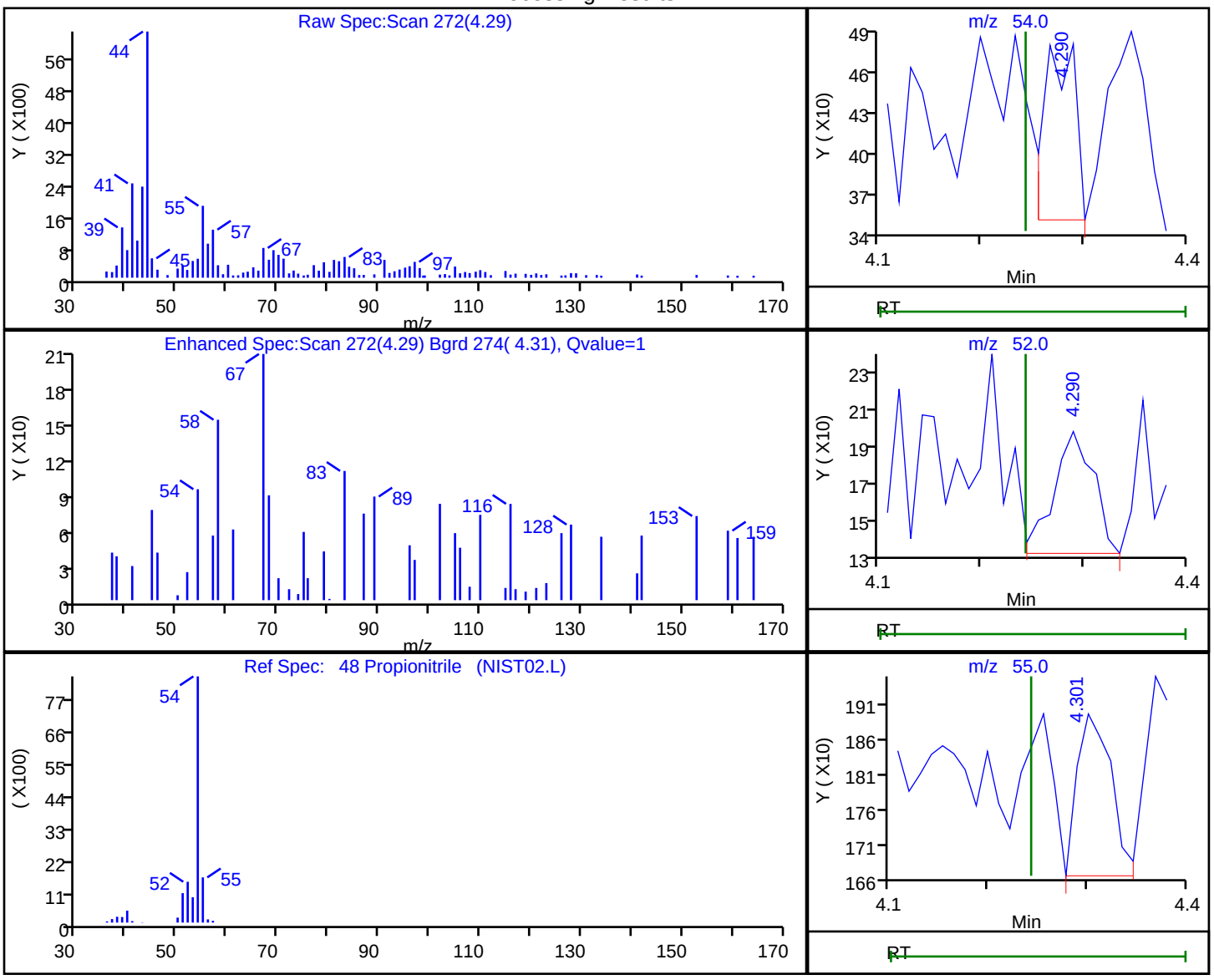
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.29	54.00	271	0.672662
4.29	52.00	179	
4.30	55.00	540	

Reviewer: boykink, 15-Aug-2020 19:08:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

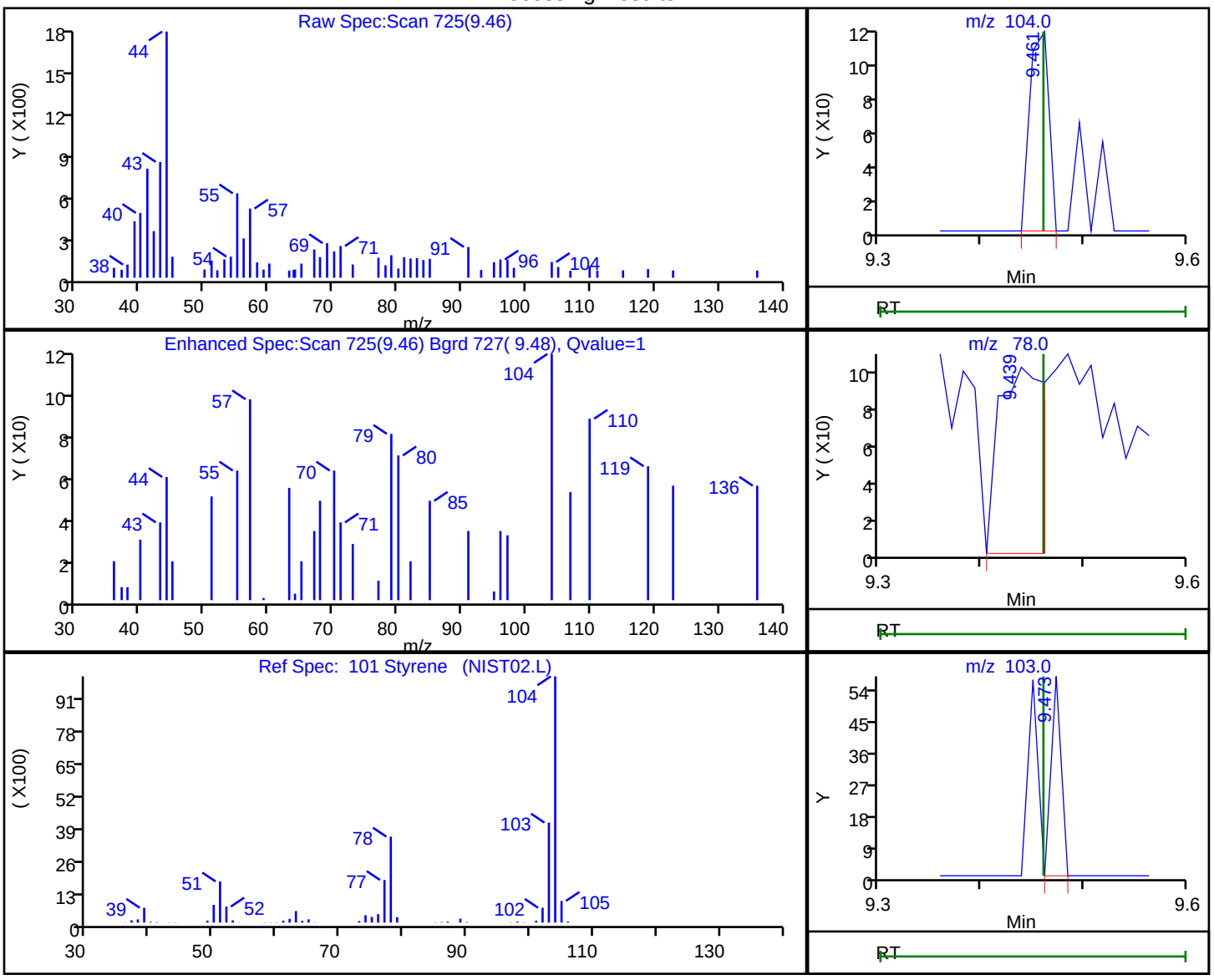
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.46	104.00	149	0.034924
9.44	78.00	306	
9.47	103.00	40	

Reviewer: boykink, 15-Aug-2020 19:08:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

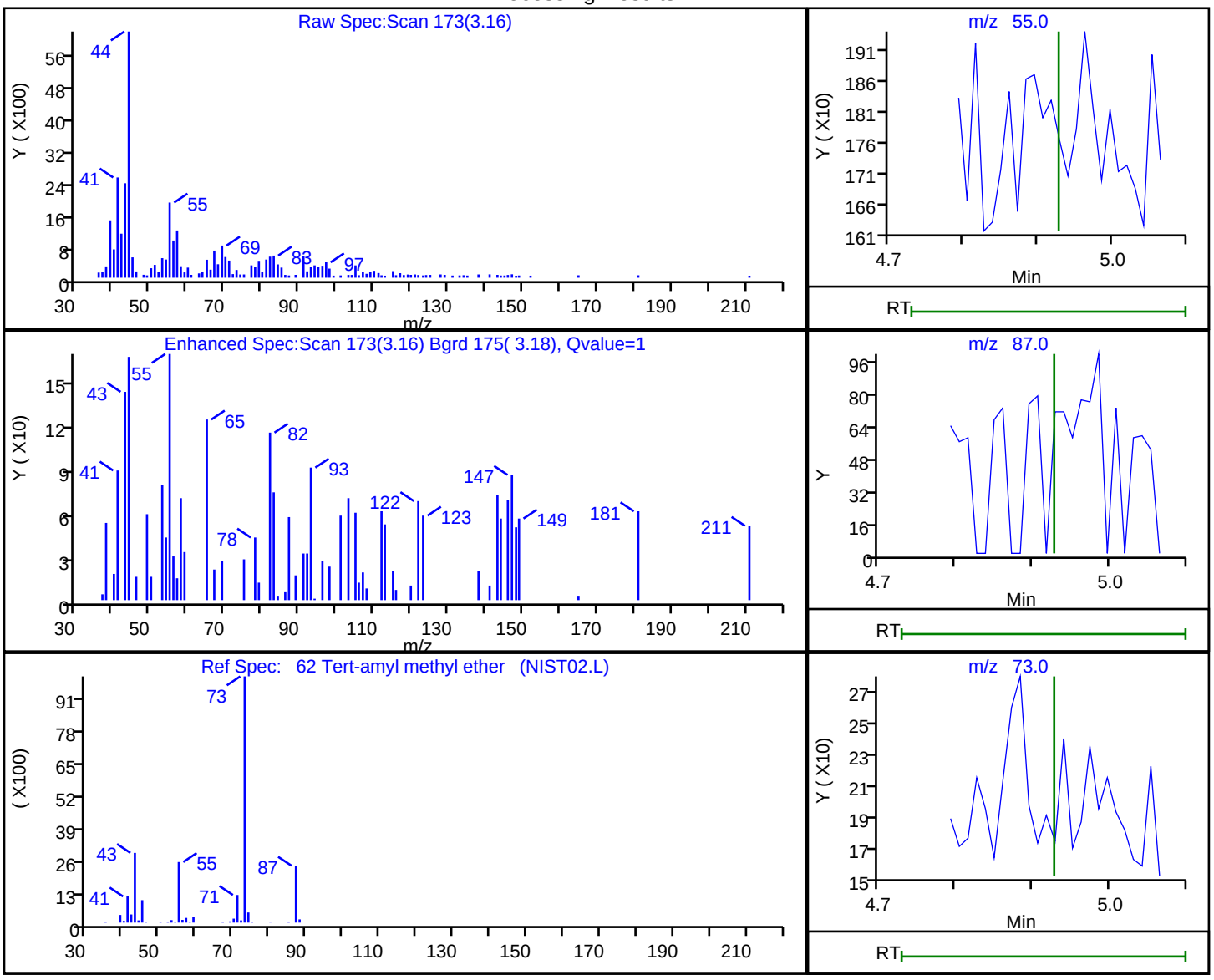
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.16	55.00	350	0.916396
3.17	87.00	114	
3.14	73.00	35	

Reviewer: boykink, 15-Aug-2020 19:08:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

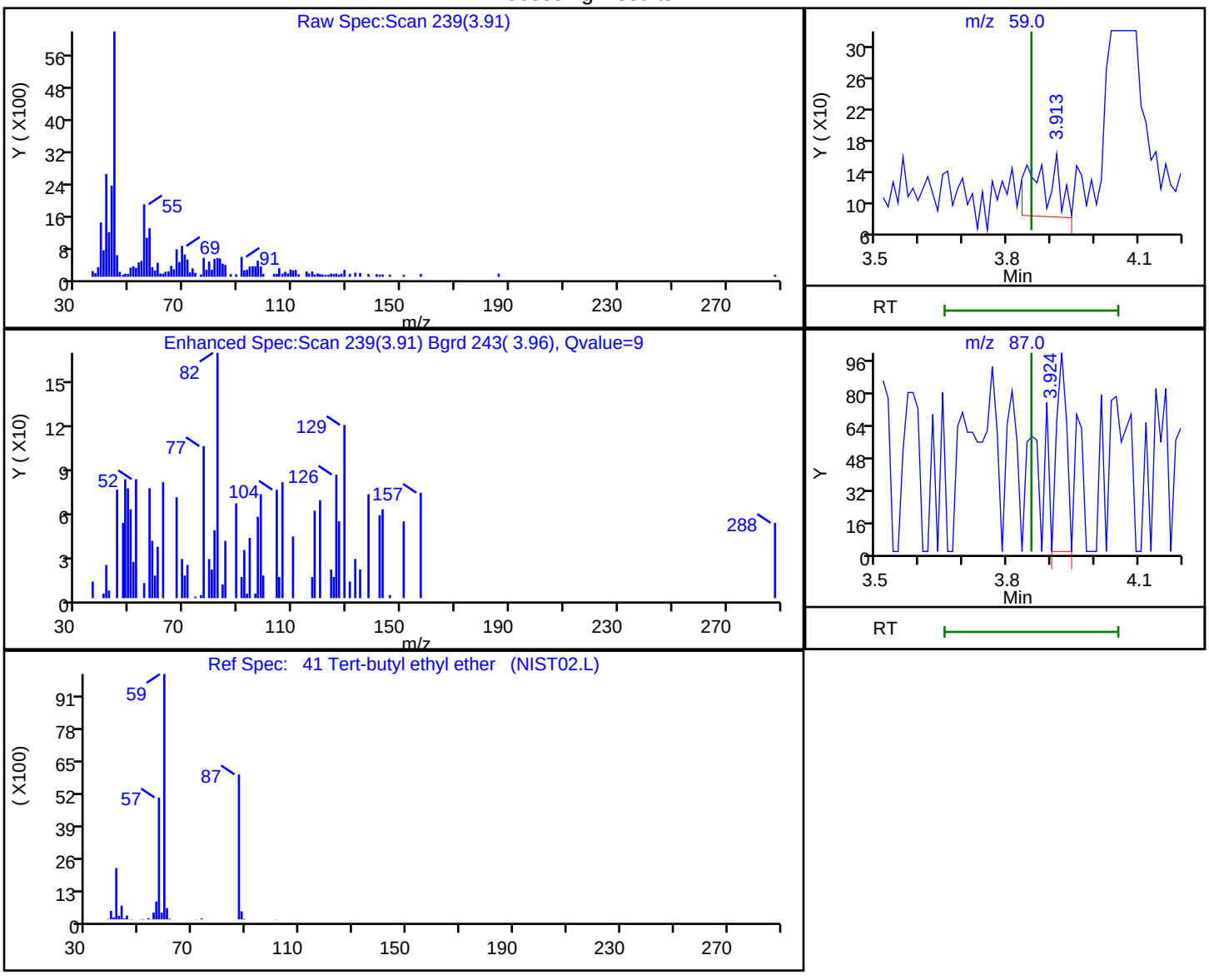
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.91	59.00	307	0.036814
3.92	87.00	158	

Reviewer: boykink, 15-Aug-2020 19:08:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

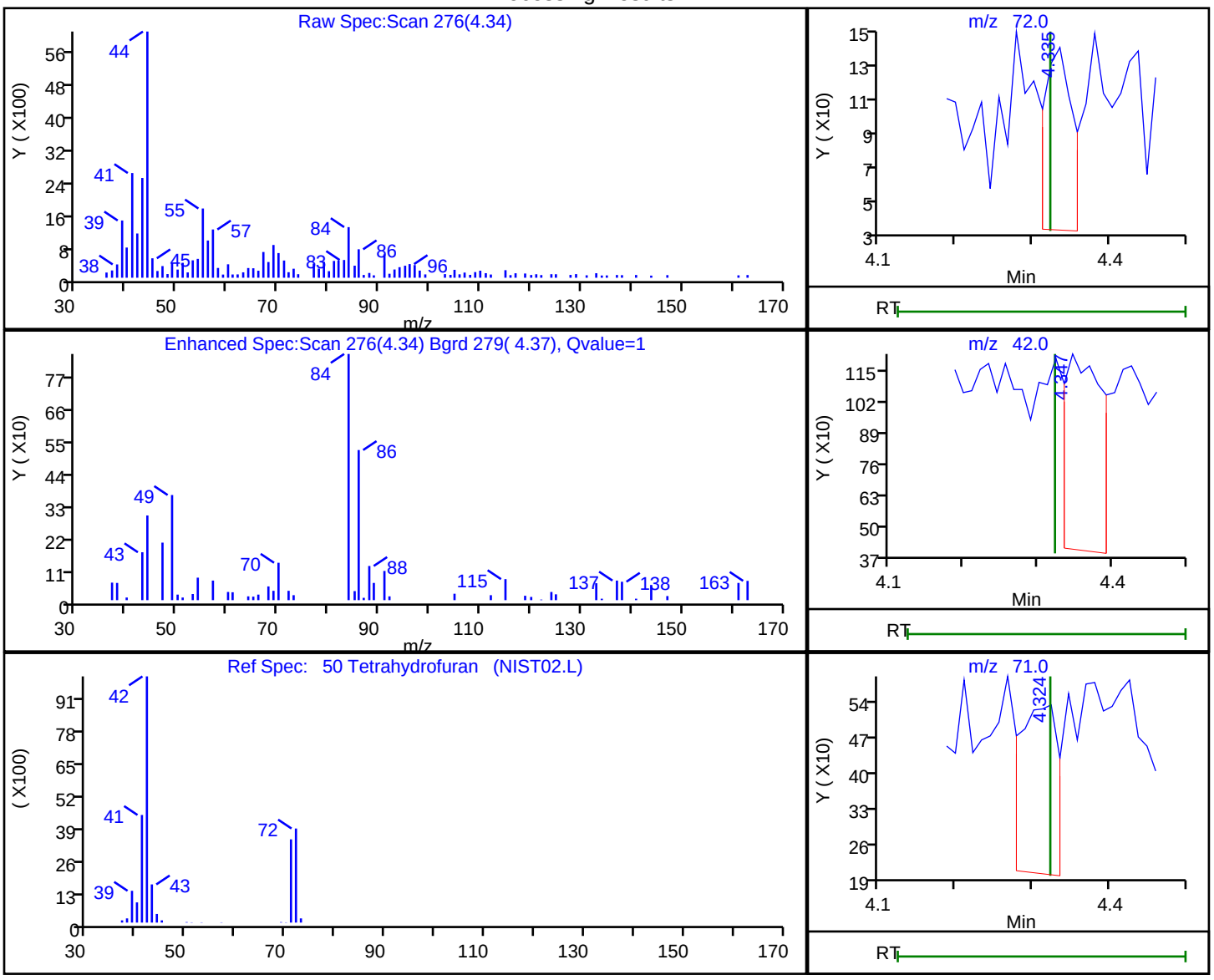
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.34	72.00	273	0.846174
4.35	42.00	3011	
4.32	71.00	1202	

Reviewer: boykink, 15-Aug-2020 19:08:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

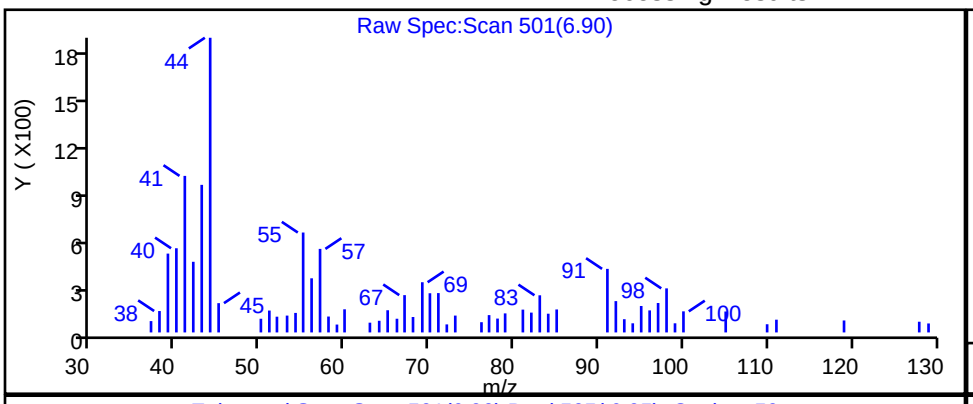
User Disabled Compound Report

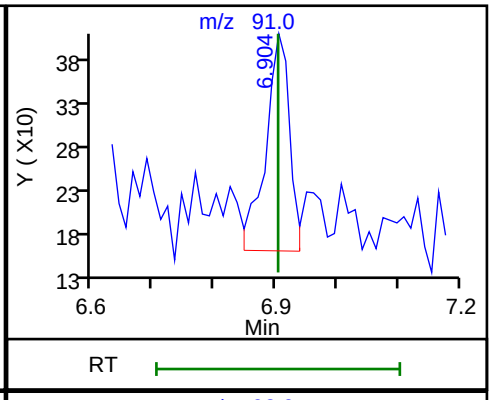
Eurofins TestAmerica, Edison

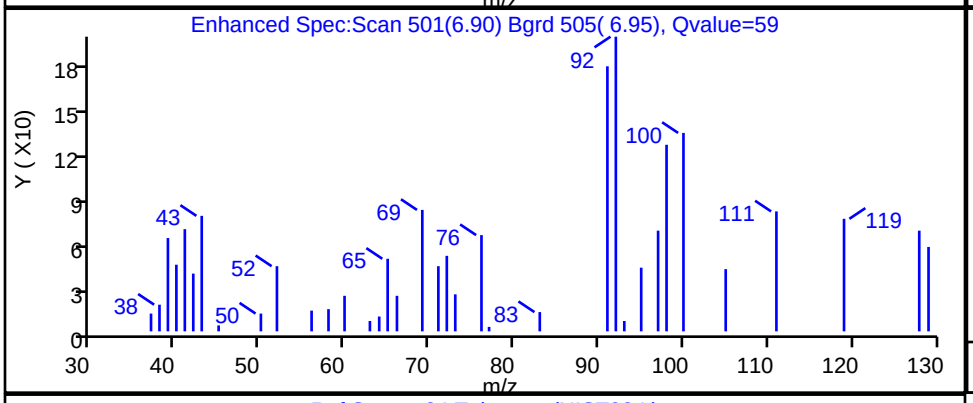
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

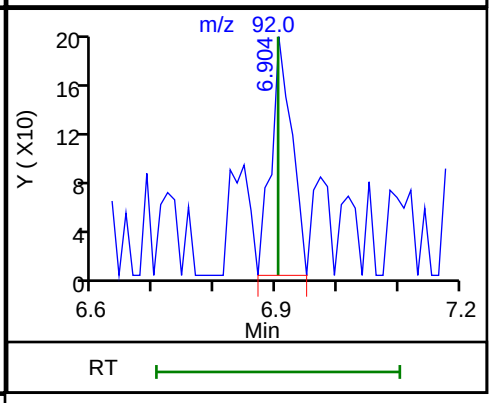
84 Toluene, CAS: 108-88-3

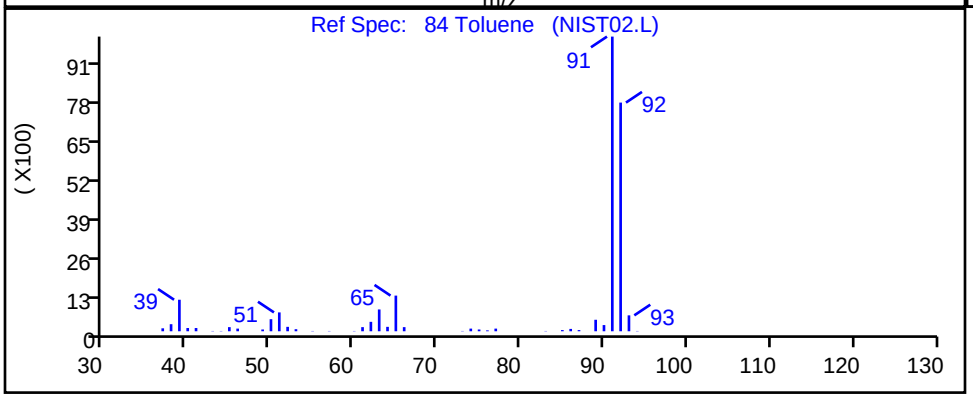
Processing Results











RT	Mass	Response	Amount
6.90	91.00	675	0.091989
6.90	92.00	467	

Reviewer: boykink, 15-Aug-2020 19:08:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

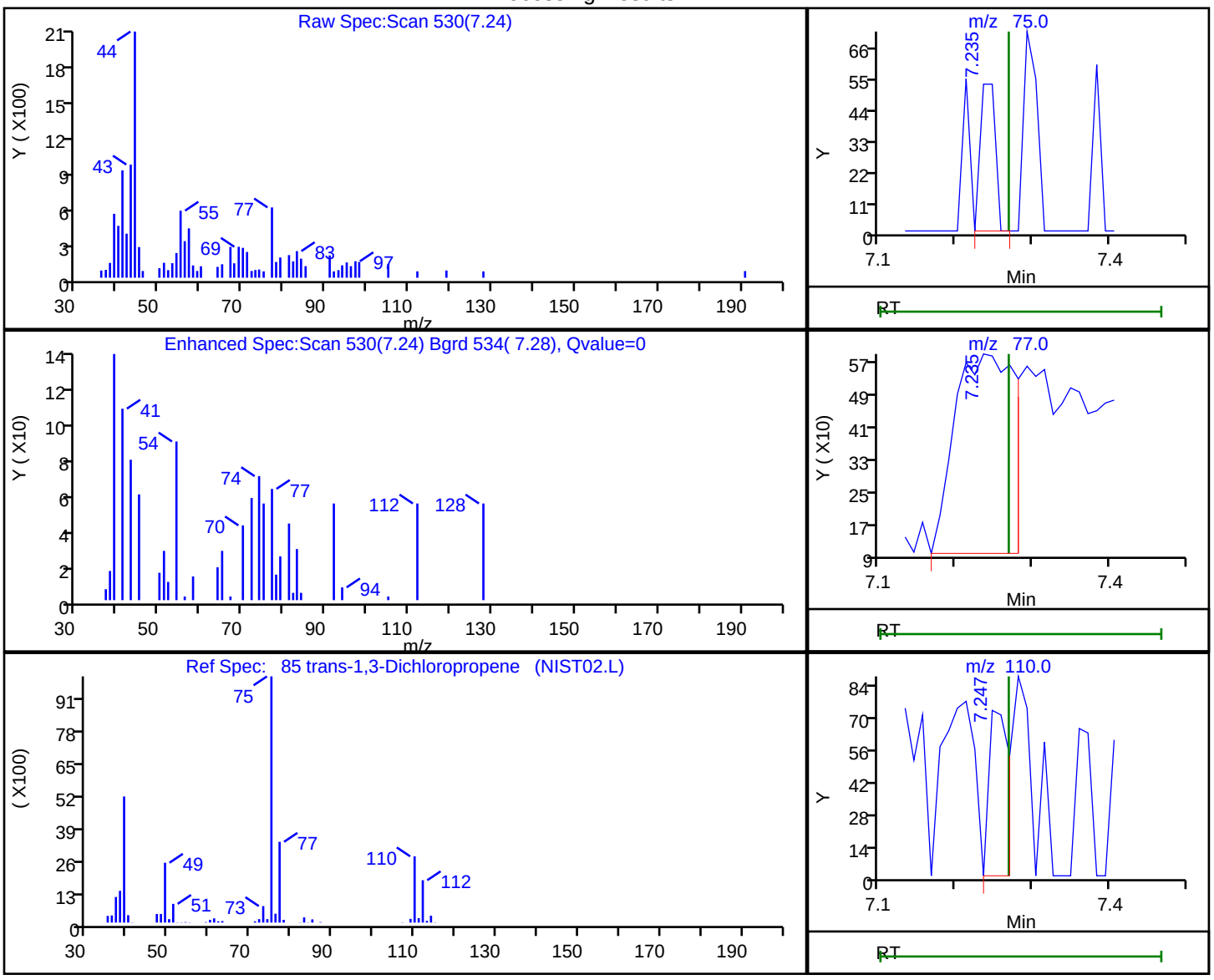
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
7.24	75.00	73	0.021817
7.24	77.00	2683	
7.25	110.00	135	

Reviewer: boykink, 15-Aug-2020 19:08:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

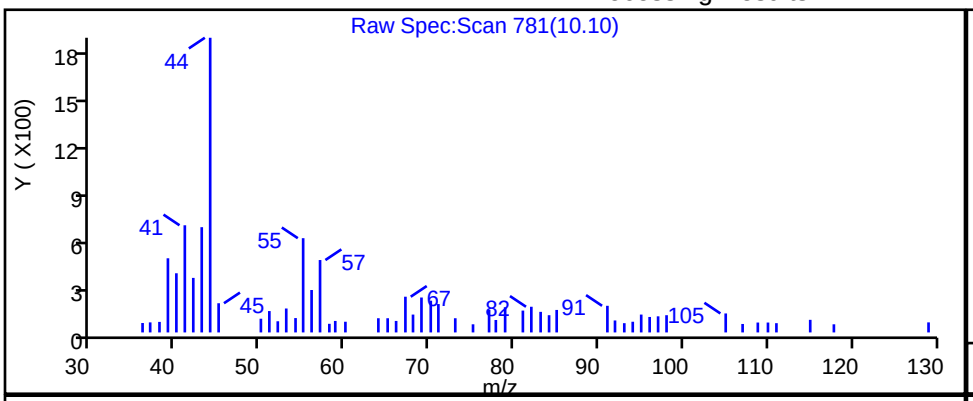
User Disabled Compound Report

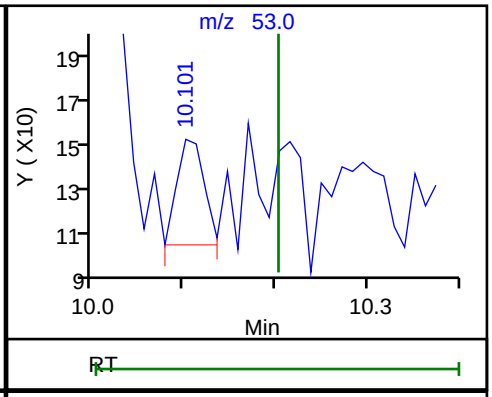
Eurofins TestAmerica, Edison

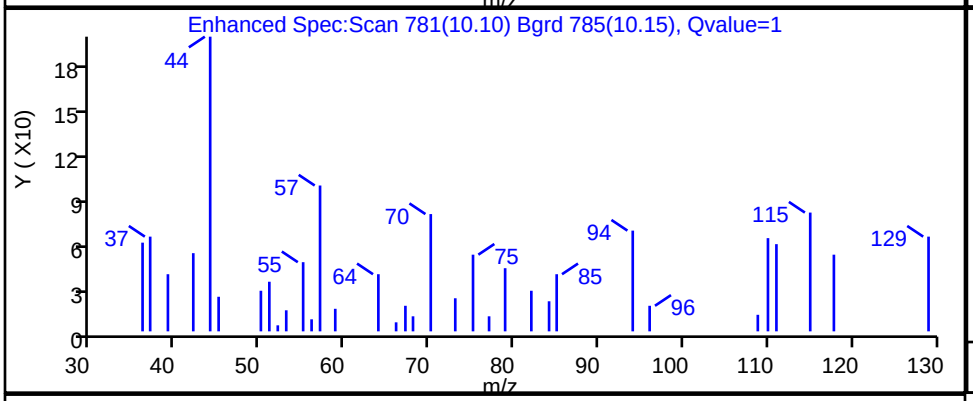
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

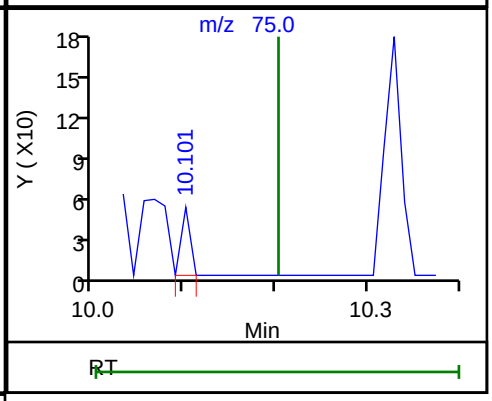
110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

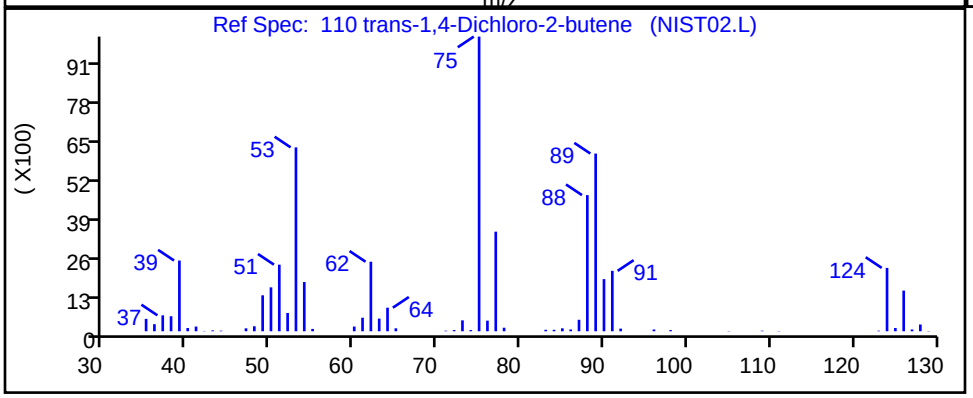
Processing Results











RT	Mass	Response	Amount
10.10	53.00	95	0.108335
10.10	75.00	35	

Reviewer: boykink, 15-Aug-2020 19:09:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

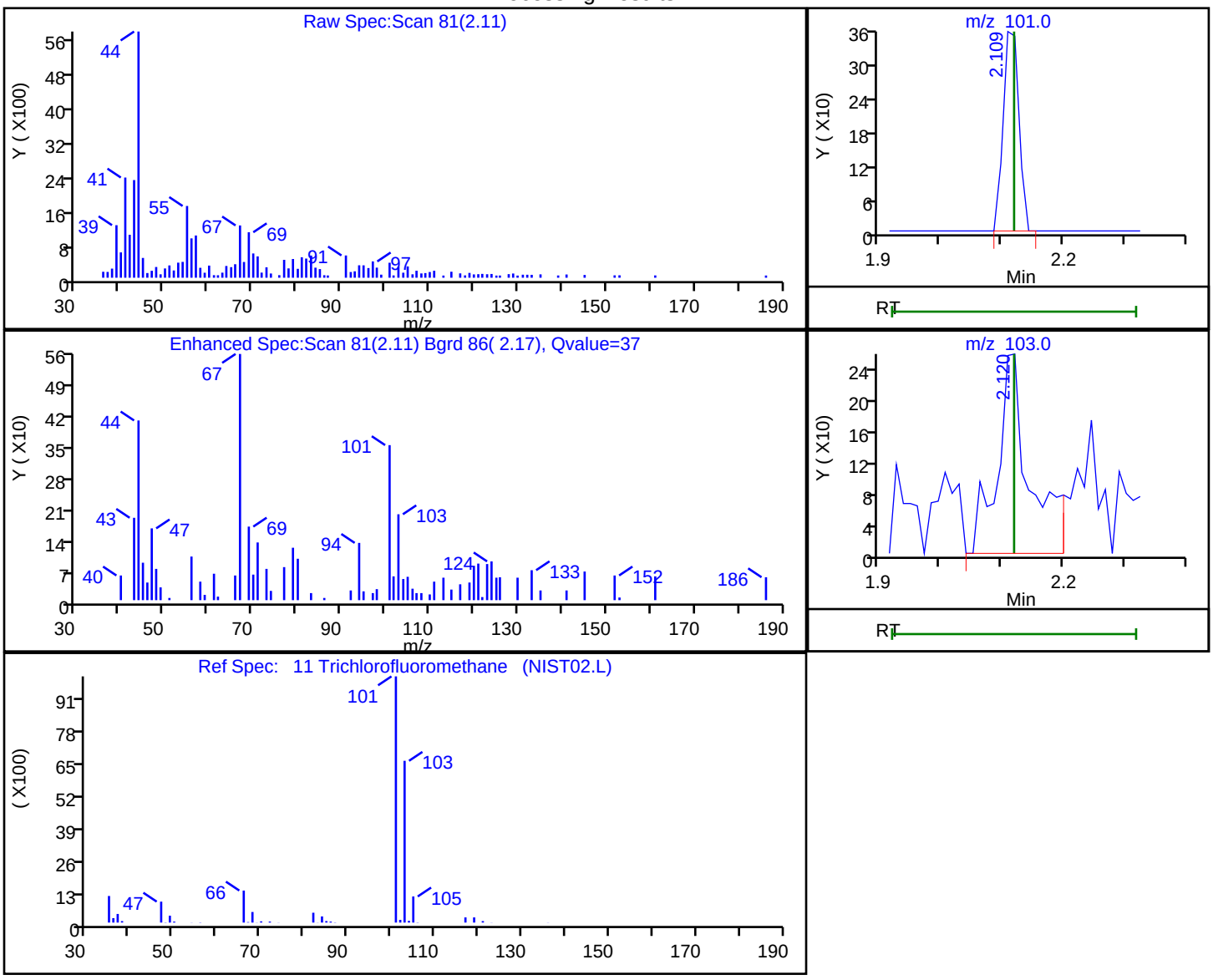
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.11	101.00	634	0.219271
2.12	103.00	949	

Reviewer: boykink, 15-Aug-2020 19:07:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

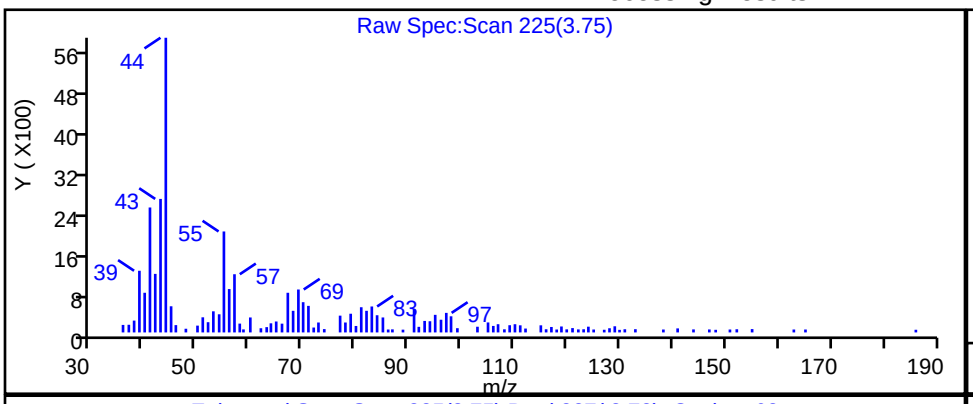
User Disabled Compound Report

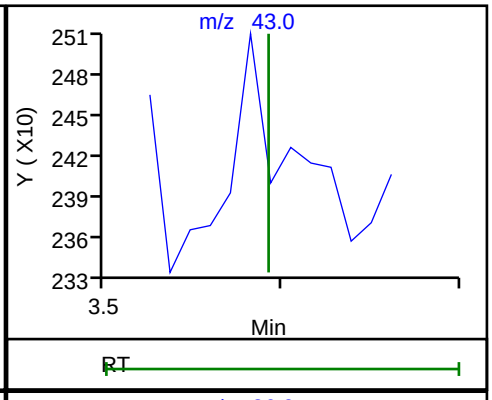
Eurofins TestAmerica, Edison

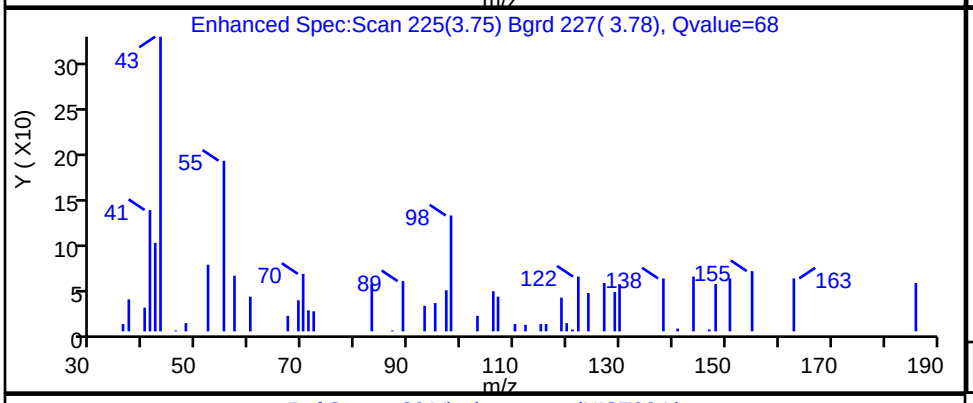
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

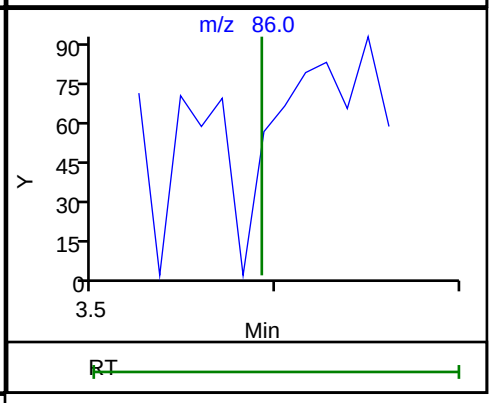
39 Vinyl acetate, CAS: 108-05-4

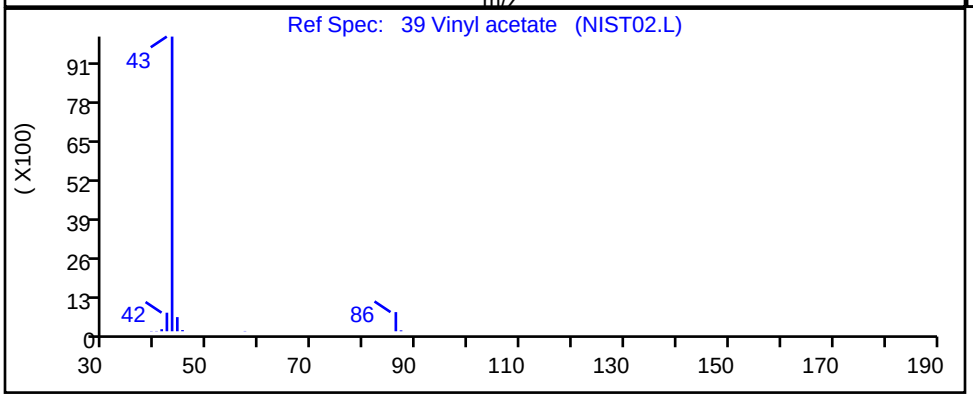
Processing Results











RT	Mass	Response	Amount
3.75	43.00	313	0.044328
3.76	86.00	182	

Reviewer: boykink, 15-Aug-2020 19:08:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

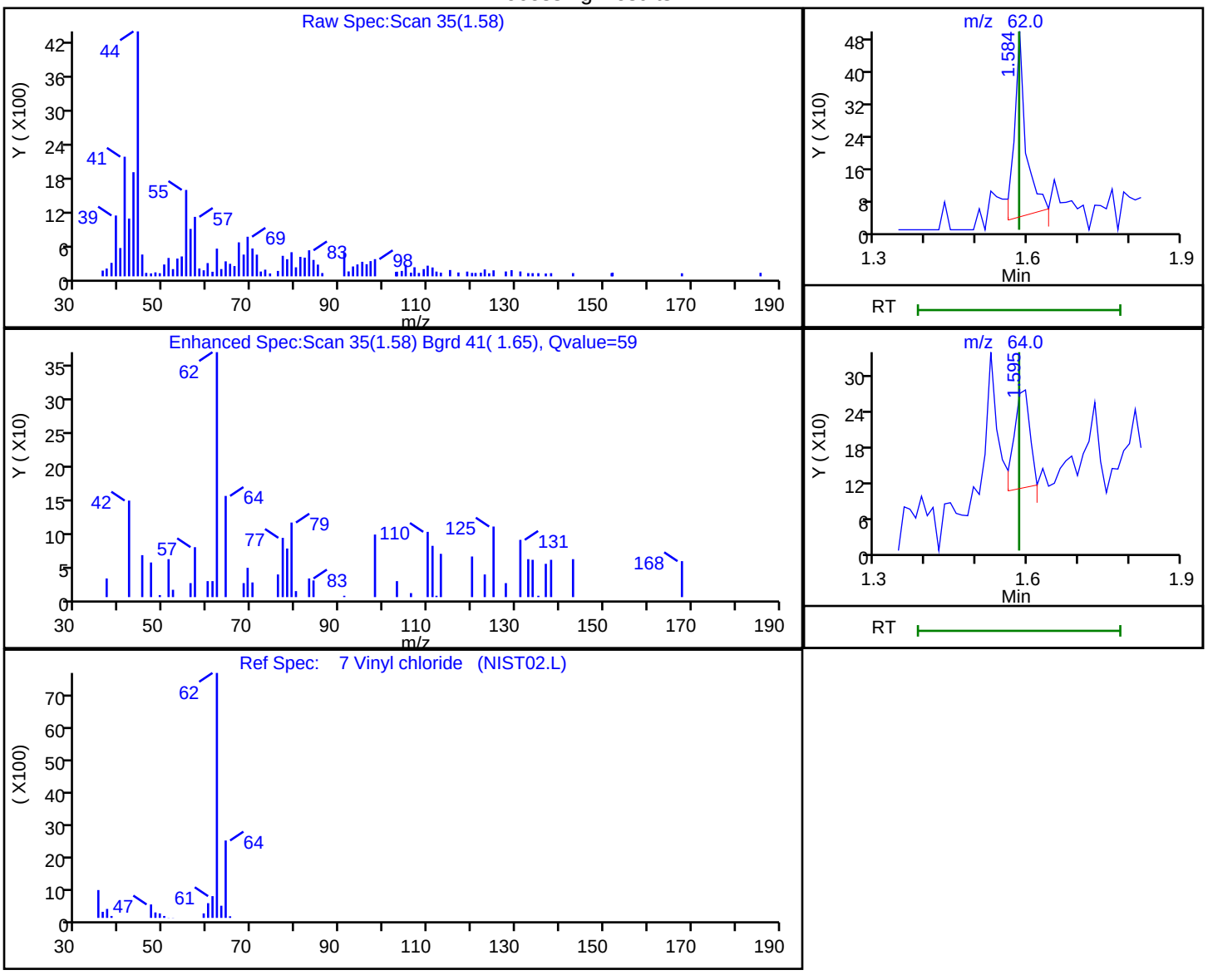
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04652.D
Injection Date: 15-Aug-2020 04:48:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.58	62.00	711	0.256941
1.60	64.00	358	

Reviewer: boykink, 15-Aug-2020 19:07:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 15-Aug-2020 05:13:30 ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0115118-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:09:49 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: boykink Date: 15-Aug-2020 19:21:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.333	1.332	0.001	98	1754	1.00	0.9083	
4 1,1-Difluoroethane	65	1.356	1.343	0.013	96	1084	1.00	1.52	
5 Chlorodifluoromethane	67	1.367	1.377	-0.010	87	614	1.00	2.72	
6 Chloromethane	50	1.527	1.526	0.001	98	3506	1.00	1.13	
7 Vinyl chloride	62	1.584	1.583	0.001	98	2950	1.00	1.10	
8 Butadiene	54	1.607	1.606	0.001	96	2603	1.00	1.03	
9 Bromomethane	94	1.870	1.868	0.002	81	1109	1.00	1.15	
10 Chloroethane	64	1.950	1.948	0.002	96	1791	1.00	1.22	
12 Dichlorofluoromethane	67	2.109	2.108	0.001	96	4494	1.00	1.14	
11 Trichlorofluoromethane	101	2.121	2.119	0.002	81	2754	1.00	0.9577	
13 Pentane	72	2.166	2.165	0.001	86	276	2.00	1.71	
14 Ethanol	46	2.315	2.313	0.002	92	616	40.0	39.0	
15 Ethyl ether	59	2.361	2.359	0.002	88	2260	1.00	1.12	
16 2-Methyl-1,3-butadiene	53	2.372	2.370	0.002	91	2344	1.00	1.08	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.395	2.393	0.002	70	1379	1.00	1.10	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.452	2.450	0.002	97	2773	1.00	1.03	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.509	2.507	0.002	77	1386	1.00	1.04	
20 Acrolein	56	2.520	2.519	0.001	80	1585	4.00	4.21	
21 1,1-Dichloroethene	96	2.543	2.542	0.001	91	1531	1.00	0.99	
22 Acetone	43	2.646	2.644	0.002	84	5085	5.00	5.56	
23 Iodomethane	142	2.703	2.702	0.001	37	288	1.00	0.1483	
24 Carbon disulfide	76	2.726	2.724	0.002	100	7007	1.00	1.06	
25 Isopropyl alcohol	45	2.737	2.736	0.001	48	3020	10.0	13.0	
26 3-Chloro-1-propene	76	2.863	2.861	0.002	91	1184	1.00	1.00	
27 Cyclopentene	67	2.874	2.873	0.001	91	4872	1.00	1.01	
28 Methyl acetate	43	2.886	2.884	0.002	97	5675	2.00	2.34	
29 Acetonitrile	41	2.943	2.941	0.002	96	5338	10.0	12.0	
30 Methylene Chloride	84	2.988	2.987	0.001	30	2258	1.00	1.11	
* 31 TBA-d9 (IS)	65	2.988	2.987	0.001	76	297581	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.057	3.055	0.002	15	4330	10.0	13.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.148	3.147	0.001	96	7203	1.00	1.06	
34 trans-1,2-Dichloroethene	96	3.171	3.170	0.001	93	1952	1.00	1.06	
35 Acrylonitrile	53	3.251	3.250	0.001	92	10276	10.0	9.86	
36 Hexane	57	3.320	3.318	0.002	69	1066	1.00	0.7708	
37 Isopropyl ether	45	3.548	3.546	0.002	91	9709	1.00	1.01	
38 1,1-Dichloroethane	63	3.571	3.569	0.002	98	4593	1.00	1.03	
39 Vinyl acetate	43	3.594	3.592	0.002	100	12530	2.00	1.82	
40 2-Chloro-1,3-butadiene	88	3.605	3.615	-0.010	93	1852	1.00	1.09	
41 Tert-butyl ethyl ether	59	3.856	3.855	0.001	87	8471	1.00	1.04	
* 43 2-Butanone-d5	46	4.062	4.060	0.002	85	386504	250.0	250.0	
42 2,2-Dichloropropane	79	4.062	4.060	0.002	44	1362	1.00	1.23	
44 cis-1,2-Dichloroethene	96	4.084	4.083	0.001	89	2319	1.00	1.09	
46 2-Butanone (MEK)	72	4.119	4.117	0.002	94	1541	5.00	5.33	
45 Ethyl acetate	70	4.119	4.117	0.002	92	1144	2.00	2.89	
47 Methyl acrylate	55	4.176	4.163	0.013	32	3130	1.00	1.17	
48 Propionitrile	54	4.244	4.243	0.001	96	4152	10.0	9.91	
49 Chlorobromomethane	128	4.313	4.311	0.002	88	1264	1.00	1.31	
50 Tetrahydrofuran	72	4.324	4.323	0.001	87	767	2.00	2.20	M
51 Methacrylonitrile	67	4.347	4.346	0.001	97	11774	10.0	11.3	
52 Chloroform	83	4.370	4.368	0.002	95	4536	1.00	1.17	a
53 Cyclohexane	84	4.484	4.483	0.001	82	2259	1.00	1.27	
54 1,1,1-Trichloroethane	97	4.507	4.505	0.002	96	4344	1.00	1.30	
$ 55 Dibromofluoromethane (Surr)	113	4.518	4.517	0.001	94	95669	50.0	50.7	
56 Carbon tetrachloride	117	4.621	4.620	0.001	91	2705	1.00	1.08	
57 1,1-Dichloropropene	75	4.655	4.654	0.001	86	3226	1.00	1.10	
59 Isobutyl alcohol	43	4.804	4.802	0.002	89	4748	25.0	25.9	
58 Isooctane	57	4.827	4.825	0.002	77	3262	1.00	0.9179	
60 Benzene	78	4.861	4.859	0.002	96	9542	1.00	1.15	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.872	4.871	0.001	0	152754	50.0	51.1	
62 Tert-amyl methyl ether	55	4.929	4.928	0.001	63	1602	1.00	0.8130	M
63 Isopropyl acetate	43	4.929	4.928	0.001	93	8385	1.00	0.8340	M
64 1,2-Dichloroethane	62	4.952	4.951	0.001	95	4450	1.00	1.17	
65 n-Heptane	57	5.009	5.008	0.001	69	1001	1.00	1.19	M
* 66 Fluorobenzene	96	5.146	5.145	0.001	96	406865	50.0	50.0	
68 n-Butanol	56	5.477	5.476	0.001	89	2660	25.0	29.5	
67 Trichloroethene	95	5.500	5.499	0.001	91	1882	1.00	0.9630	
69 Methylcyclohexane	83	5.614	5.613	0.001	76	1310	1.00	0.9342	
70 Ethyl acrylate	55	5.637	5.636	0.001	96	5757	1.00	1.10	
71 1,2-Dichloropropane	63	5.797	5.795	0.002	86	2875	1.00	1.16	
* 72 1,4-Dioxane-d8	96	5.865	5.864	0.001	0	22705	1000.0	1000.0	
73 Methyl methacrylate	100	5.888	5.887	0.001	93	1051	2.00	2.02	
74 Dibromomethane	93	5.923	5.921	0.002	83	1813	1.00	1.22	
75 1,4-Dioxane	88	5.923	5.921	0.002	75	1447	50.0	57.7	
76 n-Propyl acetate	43	5.945	5.944	0.001	97	4667	1.00	1.02	
77 Dichlorobromomethane	83	6.071	6.069	0.002	96	2774	1.00	0.9632	
79 2-Nitropropane	41	6.425	6.423	0.002	85	2383	2.00	2.44	M
78 2-Chloroethyl vinyl ether	63	6.425	6.423	0.002	67	1782	1.00	1.05	
80 Epichlorohydrin	57	6.539	6.538	0.001	99	5328	20.0	20.6	
81 cis-1,3-Dichloropropene	75	6.585	6.583	0.002	93	3530	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	6.767	6.766	0.001	97	14480	5.00	5.04	
$ 83 Toluene-d8 (Surr)	98	6.836	6.834	0.002	97	297806	50.0	50.3	
84 Toluene	91	6.904	6.903	0.001	92	8332	1.00	1.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.270	7.268	0.002	97	3442	1.00	1.04	
86 Ethyl methacrylate	69	7.304	7.303	0.002	92	3290	1.00	1.09	
87 1,1,2-Trichloroethane	83	7.487	7.485	0.002	91	1739	1.00	1.07	
88 Tetrachloroethene	166	7.521	7.519	0.002	90	1202	1.00	1.07	
89 1,3-Dichloropropane	76	7.692	7.691	0.001	95	3242	1.00	1.05	
90 2-Hexanone	58	7.772	7.771	0.001	97	4690	5.00	4.88	
91 n-Butyl acetate	43	7.886	7.885	0.001	94	4892	1.00	1.08	
92 Chlorodibromomethane	129	7.921	7.919	0.001	94	2053	1.00	1.08	
93 Ethylene Dibromide	107	8.080	8.079	0.001	98	1814	1.00	1.01	
* 94 Chlorobenzene-d5	117	8.640	8.638	0.002	92	261295	50.0	50.0	
95 Chlorobenzene	112	8.674	8.673	0.001	97	4247	1.00	1.06	a
96 Ethylbenzene	106	8.777	8.775	0.002	99	1951	1.00	1.04	
97 1,1,1,2-Tetrachloroethane	131	8.788	8.798	-0.010	89	1541	1.00	0.9827	
98 m-Xylene & p-Xylene	106	8.937	8.947	-0.010	0	2243	1.00	1.02	
99 o-Xylene	106	9.428	9.426	0.002	91	2405	1.00	1.04	
100 n-Butyl acrylate	73	9.428	9.426	0.002	97	1776	1.00	1.02	
101 Styrene	104	9.462	9.460	0.002	94	4371	1.00	1.04	
102 Bromoform	173	9.667	9.666	0.001	51	1096	1.00	0.8967	
103 Amyl acetate (mixed isomers)	43	9.667	9.666	0.001	86	5325	1.00	1.12	
104 Isopropylbenzene	105	9.793	9.791	0.002	96	4500	1.00	1.02	
$ 105 4-Bromofluorobenzene	174	9.976	9.985	-0.009	82	72697	50.0	50.4	
106 Bromobenzene	156	10.101	10.100	0.001	93	1632	1.00	1.09	
107 1,1,2,2-Tetrachloroethane	83	10.147	10.145	0.002	97	2455	1.00	1.05	
108 N-Propylbenzene	91	10.170	10.168	0.002	97	5444	1.00	1.06	
109 1,2,3-Trichloropropane	110	10.181	10.191	-0.010	95	798	1.00	1.29	
110 trans-1,4-Dichloro-2-butene	53	10.204	10.202	0.002	84	947	1.00	1.09	
111 2-Chlorotoluene	91	10.261	10.259	0.002	96	4324	1.00	1.04	
112 4-Ethyltoluene	105	10.272	10.271	0.001	98	4435	1.00	1.07	
113 1,3,5-Trimethylbenzene	105	10.329	10.328	0.001	91	3458	1.00	1.00	
114 4-Chlorotoluene	91	10.352	10.351	0.001	98	4162	1.00	1.04	
115 Butyl Methacrylate	87	10.409	10.408	0.001	95	2276	1.00	1.03	
116 tert-Butylbenzene	119	10.569	10.568	0.001	92	2691	1.00	1.07	
117 1,2,4-Trimethylbenzene	105	10.615	10.613	0.002	98	3781	1.00	1.03	
118 sec-Butylbenzene	105	10.729	10.728	0.001	97	3798	1.00	1.05	
119 4-Isopropyltoluene	119	10.843	10.842	0.001	96	3547	1.00	1.12	
120 1,3-Dichlorobenzene	146	10.832	10.842	-0.010	77	2291	1.00	1.07	
* 121 1,4-Dichlorobenzene-d4	152	10.889	10.887	0.002	98	96026	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.912	10.910	0.002	92	2528	1.00	1.11	
123 1,2,3-Trimethylbenzene	105	10.923	10.922	0.001	96	3955	1.00	1.00	
124 Benzyl chloride	91	11.014	11.013	0.001	97	4186	1.00	1.05	
125 2,3-Dihydroindene	117	11.060	11.059	0.001	94	4644	1.00	1.12	
126 p-Diethylbenzene	119	11.094	11.093	0.001	92	1692	1.00	1.08	
127 n-Butylbenzene	92	11.117	11.116	0.001	97	1656	1.00	1.00	
128 1,2-Dichlorobenzene	146	11.163	11.161	0.002	93	2297	1.00	1.02	
129 1,2,4,5-Tetramethylbenzene	119	11.585	11.584	0.001	96	3133	1.00	1.01	
130 1,2-Dibromo-3-Chloropropane	157	11.654	11.652	0.002	81	427	1.00	1.01	
131 1,3,5-Trichlorobenzene	180	11.745	11.744	0.001	92	1146	1.00	1.00	
132 1,2,4-Trichlorobenzene	180	12.133	12.143	-0.010	91	1174	1.00	1.04	
133 Hexachlorobutadiene	225	12.202	12.200	0.002	83	449	1.00	0.99	
134 Naphthalene	128	12.305	12.314	-0.009	98	4641	1.00	1.09	
135 1,2,3-Trichlorobenzene	180	12.464	12.474	-0.010	89	1069	1.00	0.9805	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	2.06	
S 138 Total BTEX	1				0		5.00	5.40	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00381	Amount Added: 10.00	Units: uL		
ACROLEIN W_00110	Amount Added: 4.00	Units: uL		
8260MIX1COMB_00123	Amount Added: 10.00	Units: uL		
524freon_00026	Amount Added: 10.00	Units: uL		
14DIOXINTER_00118	Amount Added: 30.00	Units: uL		
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00210	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 16-Aug-2020 12:09:51 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D

Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8 Operator ID:

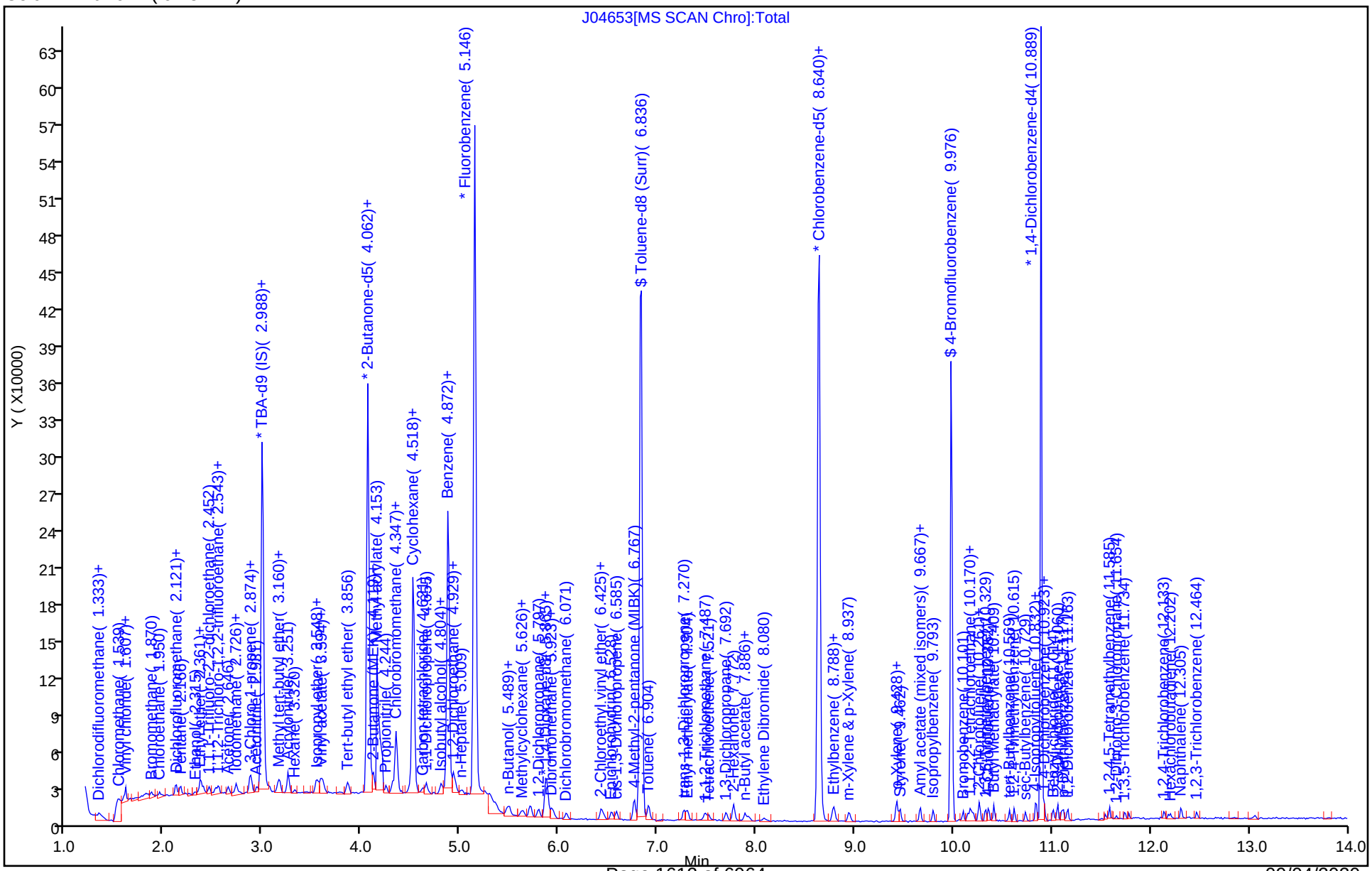
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

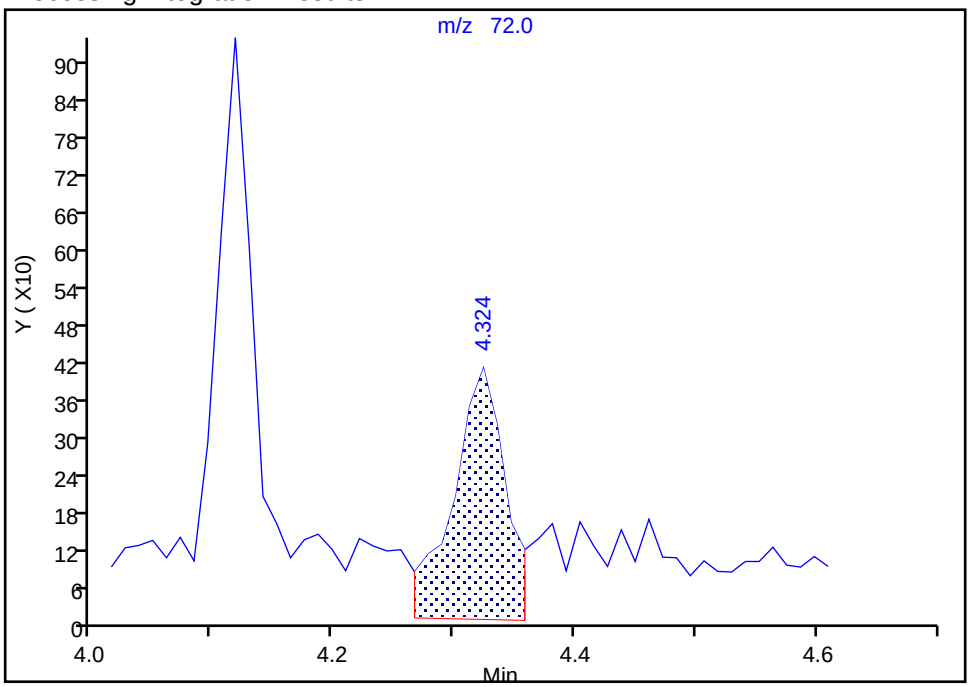
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

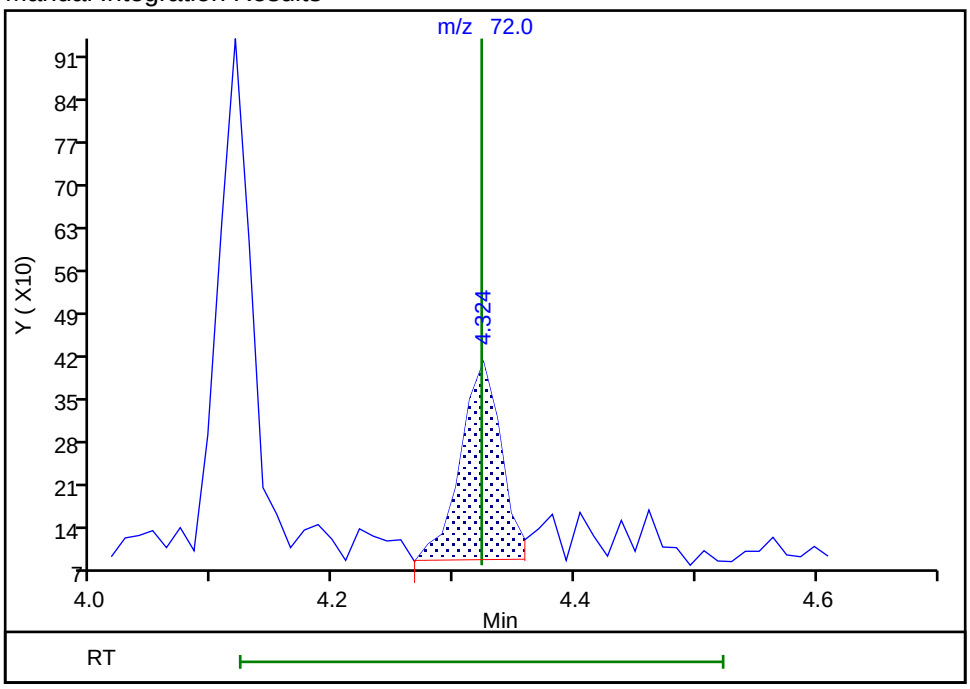
Processing Integration Results

RT: 4.32
Area: 1254
Amount: 3.776465
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 767
Amount: 2.195319
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:23:03
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

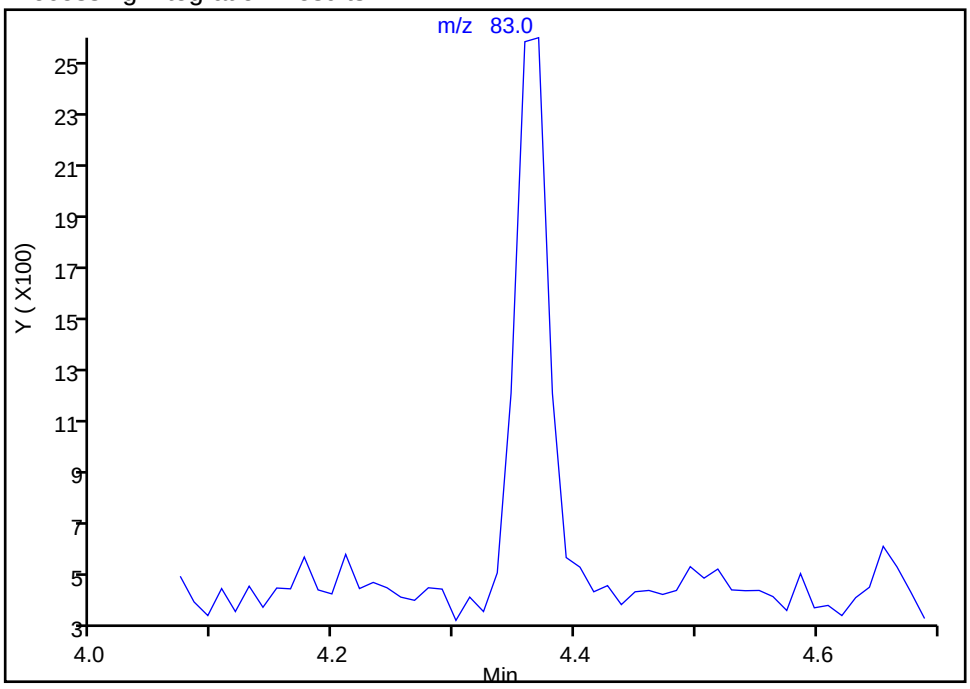
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

52 Chloroform, CAS: 67-66-3

Signal: 1

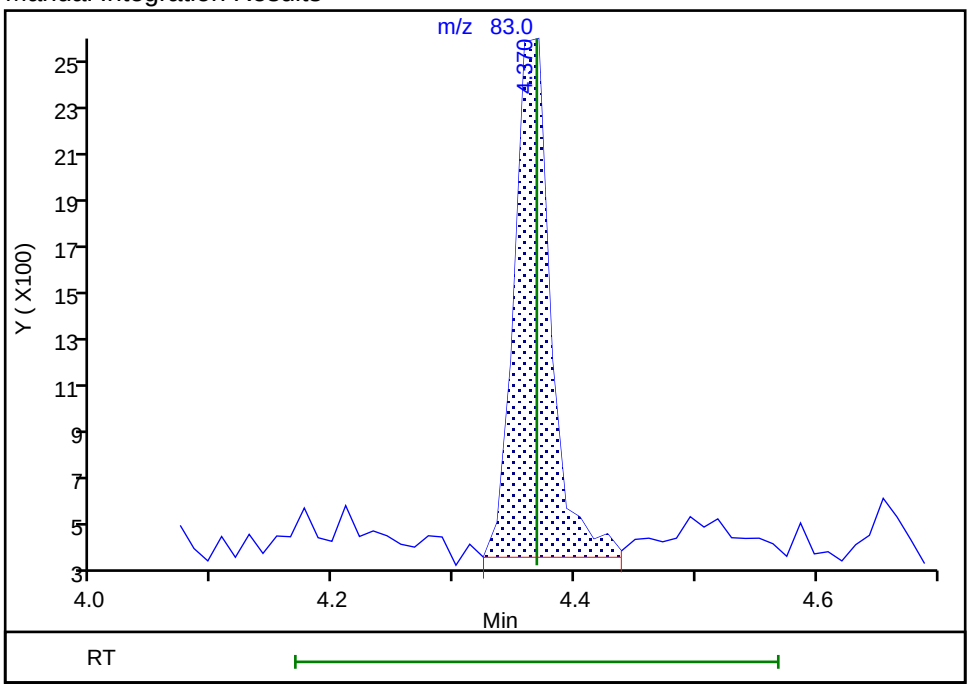
Not Detected
Expected RT: 4.37

Processing Integration Results



Manual Integration Results

RT: 4.37
Area: 4536
Amount: 1.168878
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:06:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

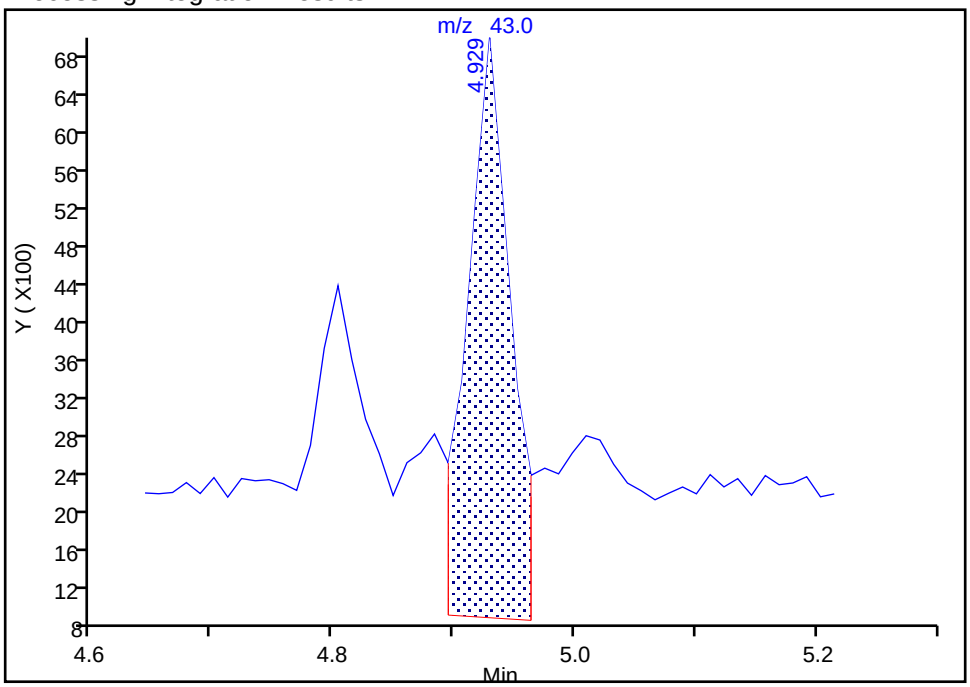
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

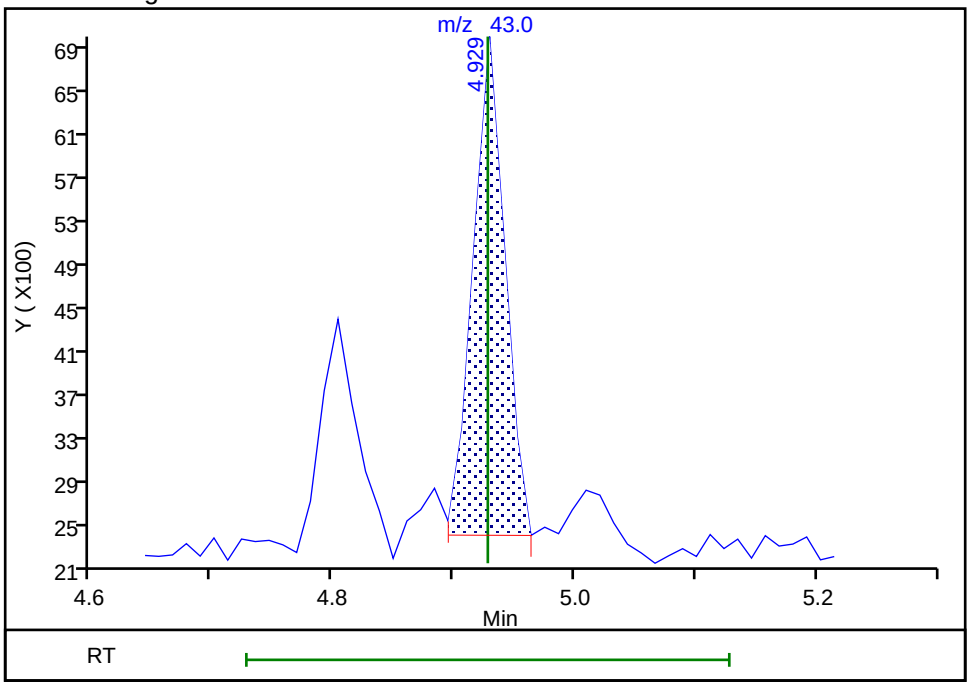
Processing Integration Results

RT: 4.93
Area: 15497
Amount: 1.472173
Amount Units: ug/l



Manual Integration Results

RT: 4.93
Area: 8385
Amount: 0.834005
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:07:52
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

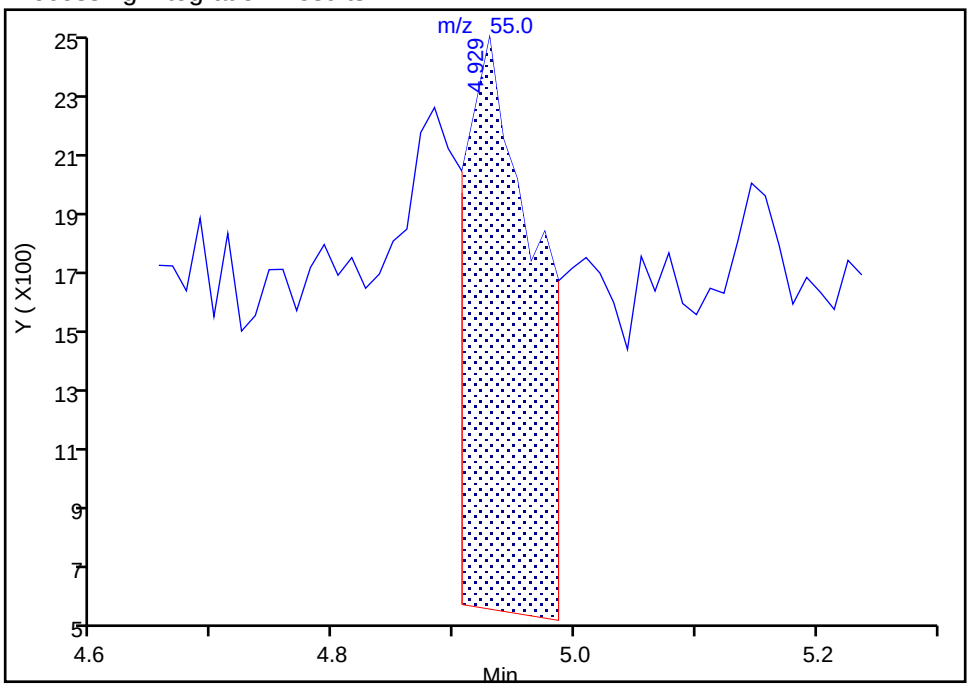
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

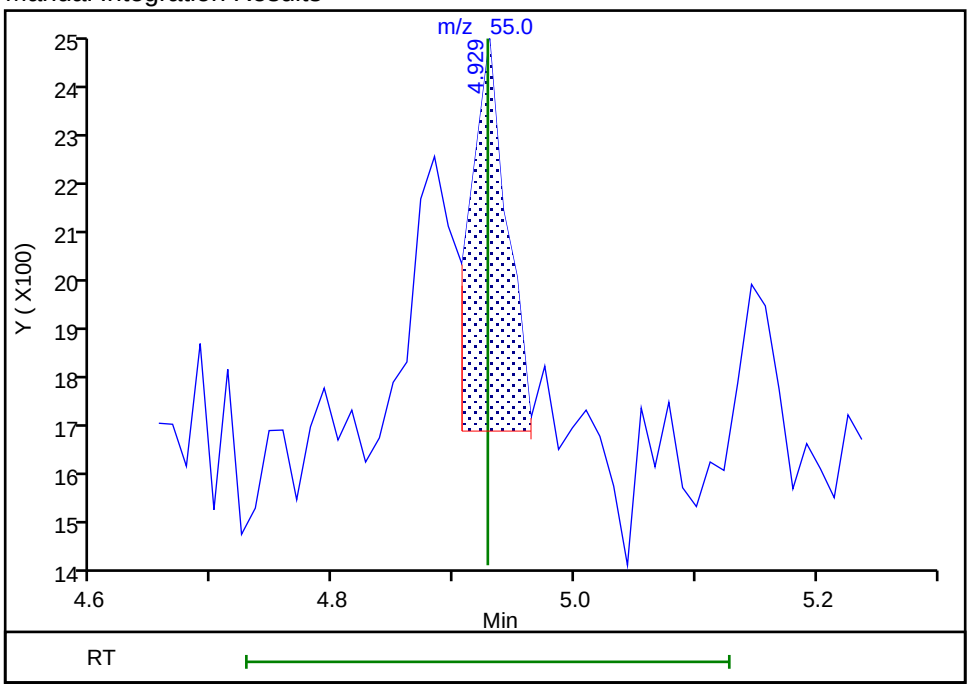
Processing Integration Results

RT: 4.93
Area: 7715
Amount: 4.025397
Amount Units: ug/l



Manual Integration Results

RT: 4.93
Area: 1602
Amount: 0.813025
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:07:24
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

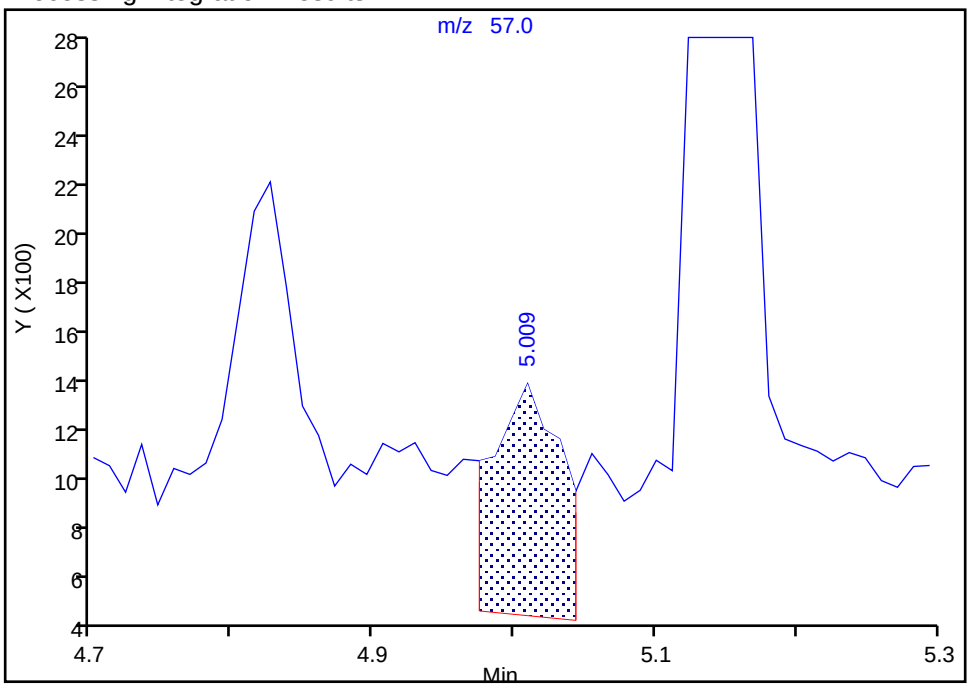
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Signal: 1

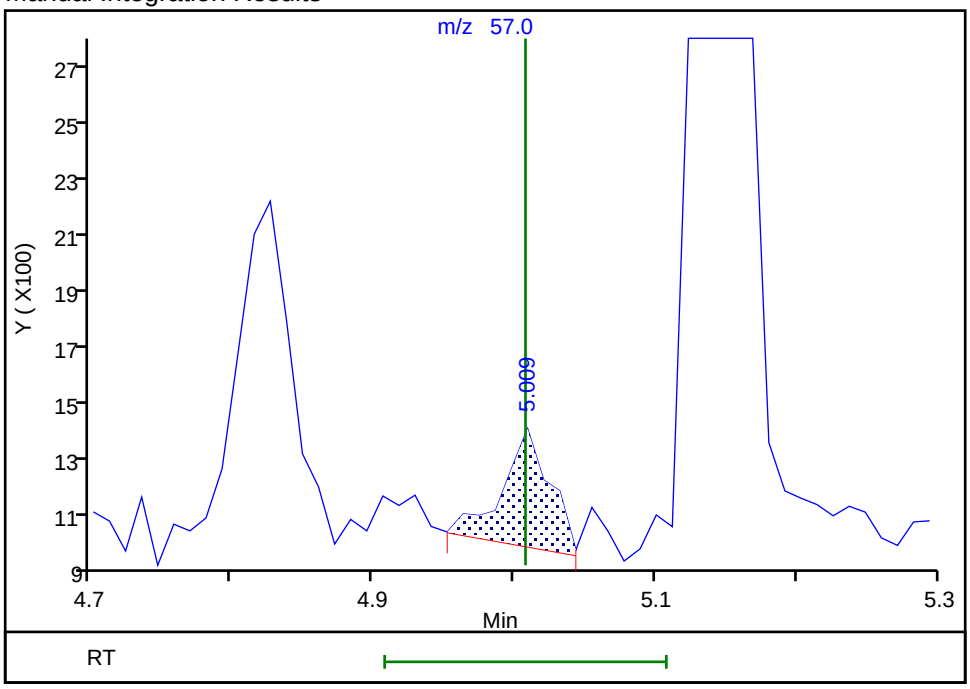
Processing Integration Results

RT: 5.01
Area: 3399
Amount: 0.850906
Amount Units: ug/l



Manual Integration Results

RT: 5.01
Area: 1001
Amount: 1.185783
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:08:30
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

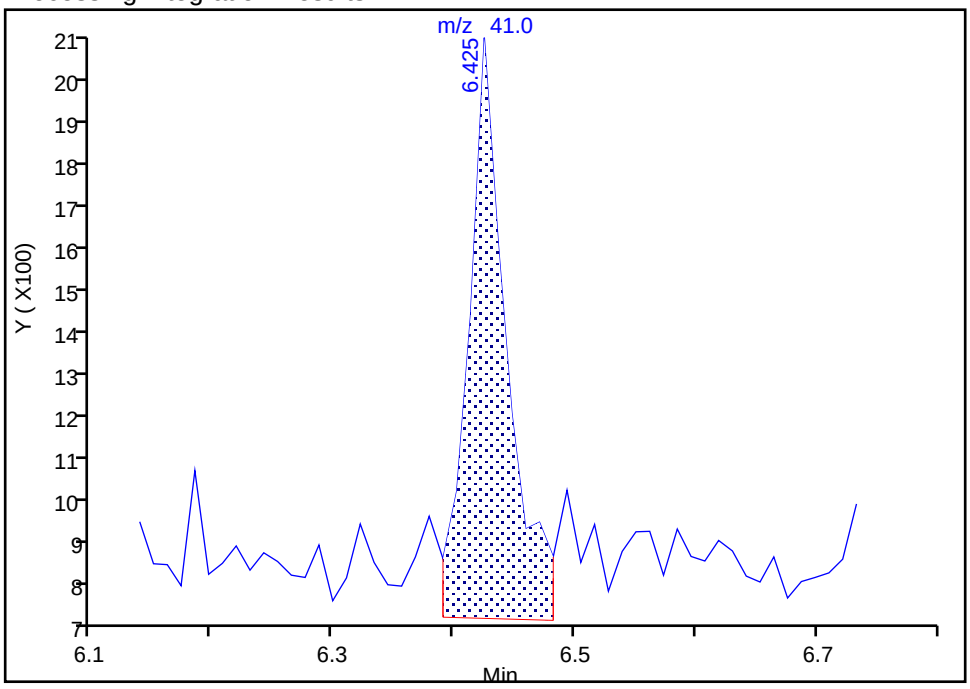
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

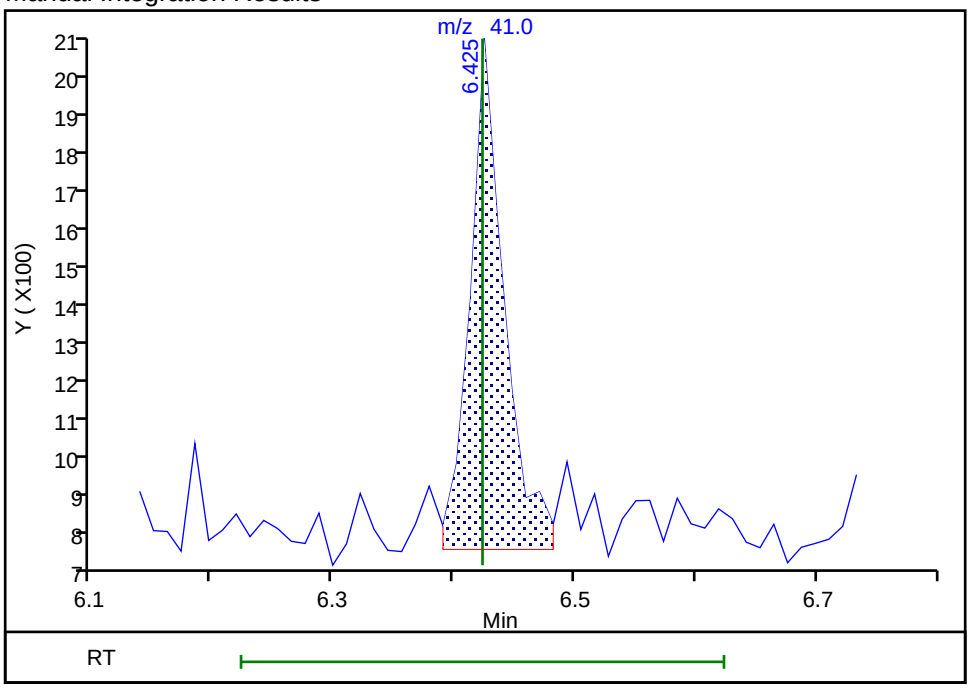
Processing Integration Results

RT: 6.42
Area: 2855
Amount: 3.310826
Amount Units: ug/l



Manual Integration Results

RT: 6.42
Area: 2383
Amount: 2.441793
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:23:27
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

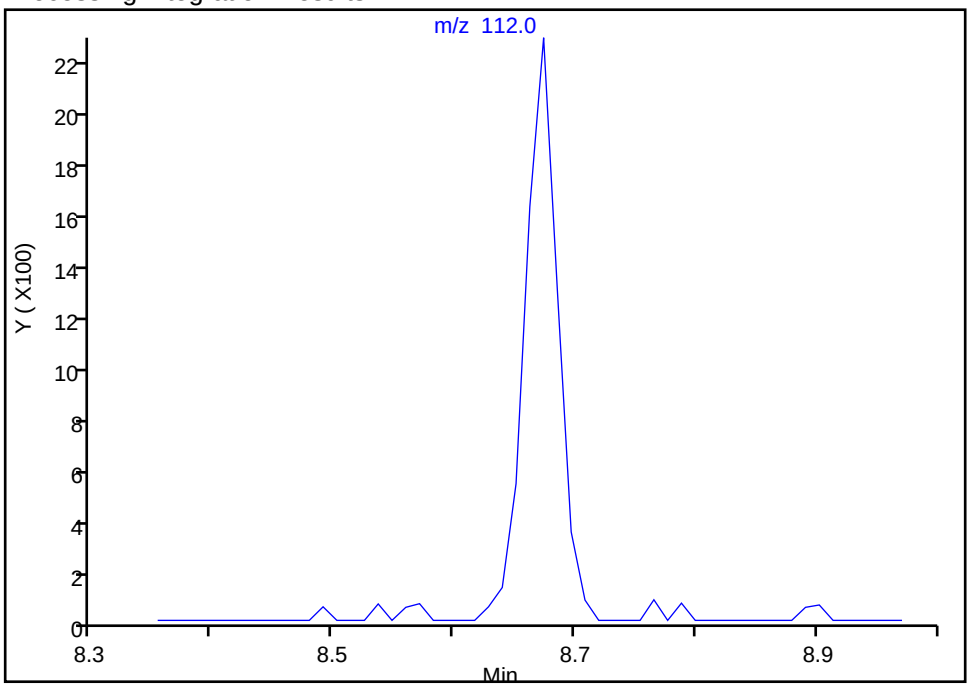
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04653.D
Injection Date: 15-Aug-2020 05:13:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Signal: 1

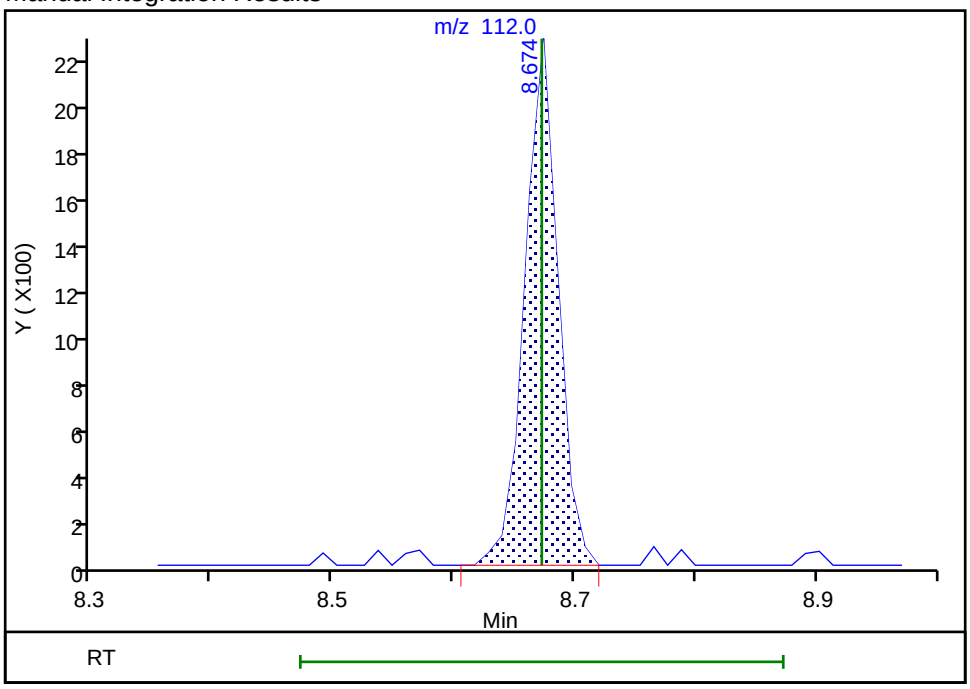
Not Detected
Expected RT: 8.67

Processing Integration Results



Manual Integration Results

RT: 8.67
Area: 4247
Amount: 1.055906
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:08:52
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04654.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 15-Aug-2020 05:38:30 ALS Bottle#: 14 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0115118-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:10:02 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: baronm Date: 16-Aug-2020 11:05:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.307	1.309	-0.002	83	310	5.00	6.25	
3 Dichlorodifluoromethane	85	1.330	1.332	-0.002	98	10750	5.00	5.53	
4 1,1-Difluoroethane	65	1.342	1.343	-0.001	83	4429	5.00	6.16	a
5 Chlorodifluoromethane	67	1.376	1.377	-0.001	79	2017	5.00	8.90	
6 Chloromethane	50	1.524	1.526	-0.002	100	15935	5.00	5.12	
7 Vinyl chloride	62	1.581	1.583	-0.002	97	14071	5.00	5.21	
8 Butadiene	54	1.604	1.606	-0.002	95	14399	5.00	5.66	
9 Bromomethane	94	1.867	1.868	-0.001	98	5475	5.00	5.65	
10 Chloroethane	64	1.947	1.948	-0.001	98	7709	5.00	5.20	
12 Dichlorofluoromethane	67	2.118	2.108	0.010	94	20424	5.00	5.13	
11 Trichlorofluoromethane	101	2.118	2.119	-0.001	89	16053	5.00	5.55	
13 Pentane	72	2.164	2.165	-0.001	94	1806	10.0	11.6	
14 Ethanol	46	2.312	2.313	-0.001	98	3330	200.0	218.0	
15 Ethyl ether	59	2.358	2.359	-0.001	95	10523	5.00	5.20	
16 2-Methyl-1,3-butadiene	53	2.369	2.370	-0.001	94	12118	5.00	5.56	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.392	2.393	-0.001	96	6385	5.00	5.05	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.449	2.450	-0.001	97	14189	5.00	5.22	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.506	2.507	-0.001	91	7064	5.00	5.25	
20 Acrolein	56	2.517	2.519	-0.002	95	7788	20.0	21.4	
21 1,1-Dichloroethene	96	2.552	2.542	0.010	90	8488	5.00	5.46	
22 Acetone	43	2.643	2.644	-0.001	84	23367	25.0	26.2	
23 Iodomethane	142	2.700	2.702	-0.002	97	3158	5.00	1.62	
24 Carbon disulfide	76	2.723	2.724	-0.001	100	34901	5.00	5.22	
25 Isopropyl alcohol	45	2.734	2.736	-0.002	99	11112	50.0	49.4	
26 3-Chloro-1-propene	76	2.860	2.861	-0.001	90	6821	5.00	5.75	
27 Cyclopentene	67	2.871	2.873	-0.002	94	25820	5.00	5.32	
28 Methyl acetate	43	2.883	2.884	-0.001	99	24637	10.0	10.1	
29 Acetonitrile	41	2.940	2.941	-0.001	98	20011	50.0	46.6	
30 Methylene Chloride	84	2.986	2.987	-0.001	93	10384	5.00	5.05	
* 31 TBA-d9 (IS)	65	2.986	2.987	-0.001	79	287909	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.065	3.055	0.010	98	16013	50.0	49.5	
33 Methyl tert-butyl ether	73	3.145	3.147	-0.002	97	35078	5.00	5.12	
34 trans-1,2-Dichloroethene	96	3.168	3.170	-0.002	95	9792	5.00	5.30	
35 Acrylonitrile	53	3.248	3.250	-0.002	93	53750	50.0	53.3	
36 Hexane	57	3.317	3.318	-0.001	93	7714	5.00	5.54	
37 Isopropyl ether	45	3.545	3.546	-0.001	98	51419	5.00	5.30	
38 1,1-Dichloroethane	63	3.568	3.569	-0.001	98	23823	5.00	5.29	
39 Vinyl acetate	43	3.591	3.592	-0.001	100	74897	10.0	10.8	
40 2-Chloro-1,3-butadiene	88	3.614	3.615	-0.001	94	8812	5.00	5.16	
41 Tert-butyl ethyl ether	59	3.853	3.855	-0.002	86	41503	5.00	5.07	
* 43 2-Butanone-d5	46	4.059	4.060	-0.001	87	376643	250.0	250.0	
42 2,2-Dichloropropane	79	4.059	4.060	-0.001	46	5981	5.00	5.37	
44 cis-1,2-Dichloroethene	96	4.082	4.083	-0.001	91	11248	5.00	5.25	
46 2-Butanone (MEK)	72	4.116	4.117	-0.001	95	7539	25.0	26.7	
45 Ethyl acetate	70	4.116	4.117	-0.001	94	3080	10.0	9.94	
47 Methyl acrylate	55	4.173	4.163	0.010	99	12647	5.00	4.71	
48 Propionitrile	54	4.253	4.243	0.010	97	20882	50.0	51.5	
49 Chlorobromomethane	128	4.310	4.311	-0.001	90	5279	5.00	5.45	
50 Tetrahydrofuran	72	4.321	4.323	-0.002	92	3824	10.0	11.2	
51 Methacrylonitrile	67	4.344	4.346	-0.002	97	54641	50.0	51.9	
52 Chloroform	83	4.367	4.368	-0.001	97	20166	5.00	5.16	
53 Cyclohexane	84	4.481	4.483	-0.002	97	9970	5.00	5.58	
54 1,1,1-Trichloroethane	97	4.504	4.505	-0.001	97	17148	5.00	5.10	
$ 55 Dibromofluoromethane (Surr)	113	4.515	4.517	-0.002	94	95984	50.0	50.5	
56 Carbon tetrachloride	117	4.618	4.620	-0.002	97	13128	5.00	5.19	
57 1,1-Dichloropropene	75	4.652	4.654	-0.002	92	14932	5.00	5.08	
59 Isobutyl alcohol	43	4.801	4.802	-0.001	95	21845	125.0	123.3	
58 Isooctane	57	4.824	4.825	-0.001	92	18618	5.00	5.21	
60 Benzene	78	4.858	4.859	-0.001	97	42980	5.00	5.14	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.869	4.871	-0.002	0	153011	50.0	50.9	
62 Tert-amyl methyl ether	55	4.926	4.928	-0.002	64	9029	5.00	4.55	M
63 Isopropyl acetate	43	4.926	4.928	-0.002	94	60099	5.00	5.94	
64 1,2-Dichloroethane	62	4.949	4.951	-0.002	96	19427	5.00	5.06	
65 n-Heptane	57	5.006	5.008	-0.002	97	4700	5.00	5.53	M
* 66 Fluorobenzene	96	5.143	5.145	-0.002	96	409475	50.0	50.0	
68 n-Butanol	56	5.474	5.476	-0.002	97	10511	125.0	120.6	
67 Trichloroethene	95	5.497	5.499	-0.002	90	9830	5.00	5.00	
69 Methylcyclohexane	83	5.623	5.613	0.010	77	7578	5.00	5.37	
70 Ethyl acrylate	55	5.634	5.636	-0.002	98	25094	5.00	4.78	
71 1,2-Dichloropropane	63	5.794	5.795	-0.001	86	12027	5.00	4.82	
* 72 1,4-Dioxane-d8	96	5.863	5.864	-0.001	0	22363	1000.0	1000.0	
73 Methyl methacrylate	100	5.885	5.887	-0.002	93	4967	10.0	9.46	
74 Dibromomethane	93	5.920	5.921	-0.001	87	7394	5.00	4.93	
75 1,4-Dioxane	88	5.920	5.921	-0.001	47	2706	100.0	109.5	
76 n-Propyl acetate	43	5.943	5.944	-0.001	98	22489	5.00	4.89	
77 Dichlorobromomethane	83	6.080	6.069	0.011	97	14403	5.00	4.97	
79 2-Nitropropane	41	6.422	6.423	-0.001	83	9738	10.0	10.3	
78 2-Chloroethyl vinyl ether	63	6.422	6.423	-0.001	65	8644	5.01	5.07	
80 Epichlorohydrin	57	6.536	6.538	-0.002	99	26653	100.0	105.9	
81 cis-1,3-Dichloropropene	75	6.582	6.583	-0.001	96	17746	5.00	5.10	
82 4-Methyl-2-pentanone (MIBK)	43	6.765	6.766	-0.001	98	68919	25.0	24.6	
$ 83 Toluene-d8 (Surr)	98	6.833	6.834	-0.001	97	304032	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.913	6.903	0.010	93	36484	5.00	4.99	
85 trans-1,3-Dichloropropene	75	7.267	7.268	-0.001	95	16952	5.00	5.09	
86 Ethyl methacrylate	69	7.301	7.303	-0.001	95	13881	5.00	4.57	
87 1,1,2-Trichloroethane	83	7.484	7.485	-0.001	92	8472	5.00	5.18	
88 Tetrachloroethene	166	7.518	7.519	-0.001	89	5648	5.00	5.00	
89 1,3-Dichloropropane	76	7.689	7.691	-0.002	95	15612	5.00	5.02	
90 2-Hexanone	58	7.769	7.771	-0.002	98	22652	25.0	24.2	
91 n-Butyl acetate	43	7.883	7.885	-0.002	96	23001	5.00	5.05	
92 Chlorodibromomethane	129	7.918	7.919	-0.001	96	9443	5.00	4.94	
93 Ethylene Dibromide	107	8.077	8.079	-0.002	99	9280	5.00	5.11	
* 94 Chlorobenzene-d5	117	8.637	8.638	-0.001	91	263202	50.0	50.0	
95 Chlorobenzene	112	8.671	8.673	-0.002	92	20497	5.00	5.06	
96 Ethylbenzene	106	8.785	8.775	0.010	99	9823	5.00	5.18	
97 1,1,1,2-Tetrachloroethane	131	8.797	8.798	-0.001	92	8028	5.00	5.08	
98 m-Xylene & p-Xylene	106	8.945	8.947	-0.002	0	11416	5.00	5.14	
99 o-Xylene	106	9.425	9.426	-0.001	90	11732	5.00	5.06	
100 n-Butyl acrylate	73	9.425	9.426	-0.001	94	8772	5.00	5.01	
101 Styrene	104	9.459	9.460	-0.001	92	21165	5.00	4.98	
103 Amyl acetate (mixed isomers)	43	9.664	9.666	-0.002	87	24988	5.00	5.29	
102 Bromoform	173	9.664	9.666	-0.002	93	6026	5.00	4.89	
104 Isopropylbenzene	105	9.790	9.791	-0.001	98	22419	5.00	5.06	
$ 105 4-Bromofluorobenzene	174	9.984	9.985	-0.001	86	73389	50.0	50.6	
106 Bromobenzene	156	10.098	10.100	-0.002	92	7623	5.00	5.17	
107 1,1,2,2-Tetrachloroethane	83	10.144	10.145	-0.001	96	11968	5.00	5.20	
108 N-Propylbenzene	91	10.167	10.168	-0.001	98	26563	5.00	5.23	
109 1,2,3-Trichloropropane	110	10.190	10.191	-0.001	95	3074	5.00	5.02	
110 trans-1,4-Dichloro-2-butene	53	10.201	10.202	-0.001	87	4325	5.00	5.03	
111 2-Chlorotoluene	91	10.258	10.259	-0.001	97	21364	5.00	5.21	
112 4-Ethyltoluene	105	10.269	10.271	-0.002	96	21505	5.00	5.27	
113 1,3,5-Trimethylbenzene	105	10.327	10.328	-0.001	91	18261	5.00	5.36	
114 4-Chlorotoluene	91	10.361	10.351	0.010	99	20213	5.00	5.10	
115 Butyl Methacrylate	87	10.407	10.408	-0.002	97	11207	5.00	5.14	
116 tert-Butylbenzene	119	10.566	10.568	-0.002	90	13493	5.00	5.43	
117 1,2,4-Trimethylbenzene	105	10.612	10.613	-0.001	99	18717	5.00	5.15	
118 sec-Butylbenzene	105	10.738	10.728	0.010	98	19146	5.00	5.35	
120 1,3-Dichlorobenzene	146	10.840	10.842	-0.002	80	10648	5.00	5.03	
119 4-Isopropyltoluene	119	10.840	10.842	-0.002	96	16267	5.00	5.21	
* 121 1,4-Dichlorobenzene-d4	152	10.886	10.887	-0.001	98	94968	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.909	10.910	-0.001	92	11669	5.00	5.20	
123 1,2,3-Trimethylbenzene	105	10.920	10.922	-0.002	99	20722	5.00	5.27	
124 Benzyl chloride	91	11.012	11.013	-0.001	98	20512	5.00	5.20	
125 2,3-Dihydroindene	117	11.057	11.059	-0.002	94	20974	5.00	5.10	
126 p-Diethylbenzene	119	11.103	11.093	0.010	91	7832	5.00	5.05	
127 n-Butylbenzene	92	11.114	11.116	-0.002	97	8617	5.00	5.25	
128 1,2-Dichlorobenzene	146	11.160	11.161	-0.001	93	11281	5.00	5.05	
129 1,2,4,5-Tetramethylbenzene	119	11.582	11.584	-0.002	95	16089	5.00	5.25	
130 1,2-Dibromo-3-Chloropropane	157	11.662	11.652	0.010	91	2161	5.00	5.17	
131 1,3,5-Trichlorobenzene	180	11.742	11.744	-0.002	96	6074	5.00	5.34	
132 1,2,4-Trichlorobenzene	180	12.142	12.143	-0.001	93	5860	5.00	5.25	
133 Hexachlorobutadiene	225	12.199	12.200	-0.001	88	2311	5.00	5.17	
134 Naphthalene	128	12.313	12.314	-0.001	99	21746	5.00	5.18	
135 1,2,3-Trichlorobenzene	180	12.473	12.474	-0.001	94	5775	5.00	5.36	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 138 Total BTEX	1				0		25.0	25.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00381	Amount Added:	10.00	Units: uL	
ACROLEIN W_00110	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	10.00	Units: uL	
524freon_00026	Amount Added:	10.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 16-Aug-2020 12:10:05 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04654.D

Injection Date: 15-Aug-2020 05:38:30 Instrument ID: CVOAMS8 Operator ID:

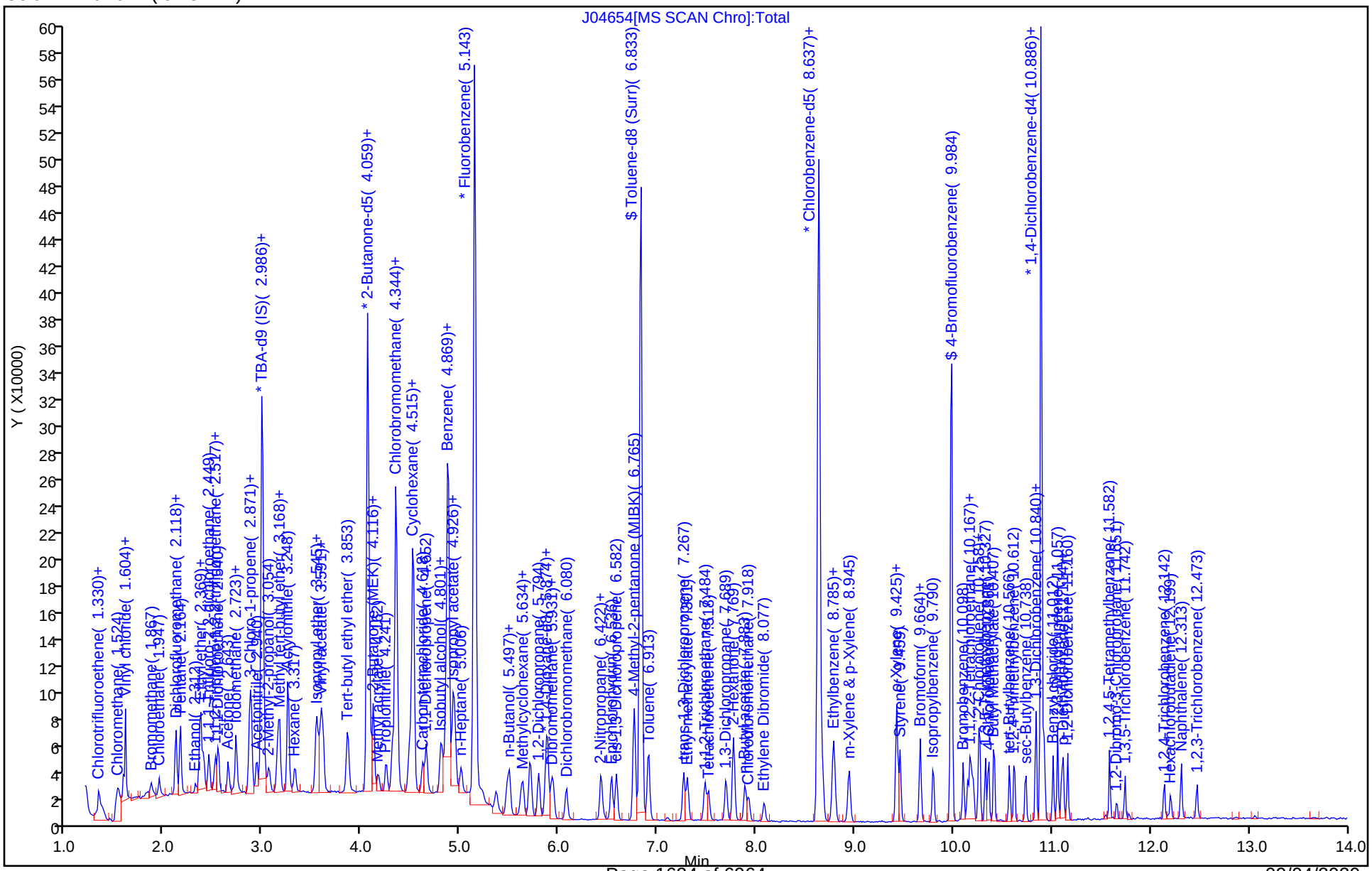
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

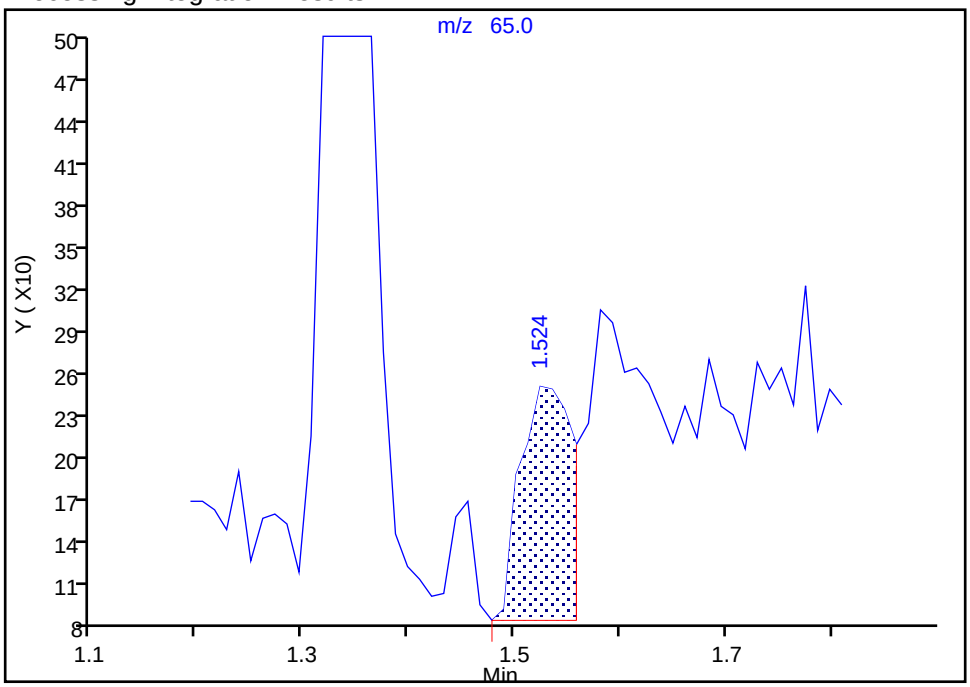
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04654.D
Injection Date: 15-Aug-2020 05:38:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

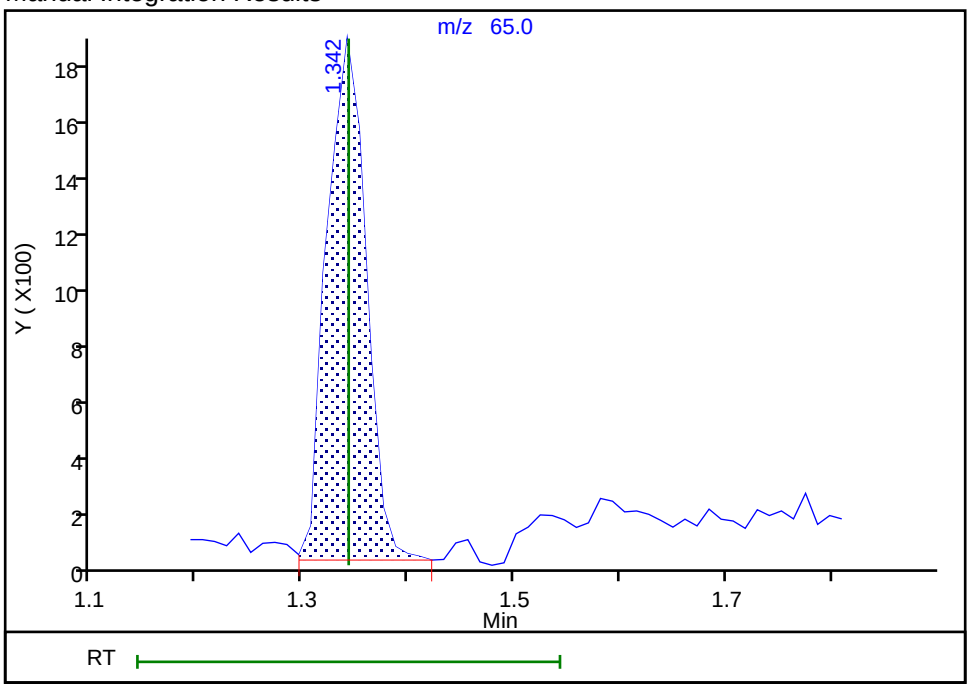
Processing Integration Results

RT: 1.52
Area: 573
Amount: 0.971060
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 4429
Amount: 6.163287
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:04:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

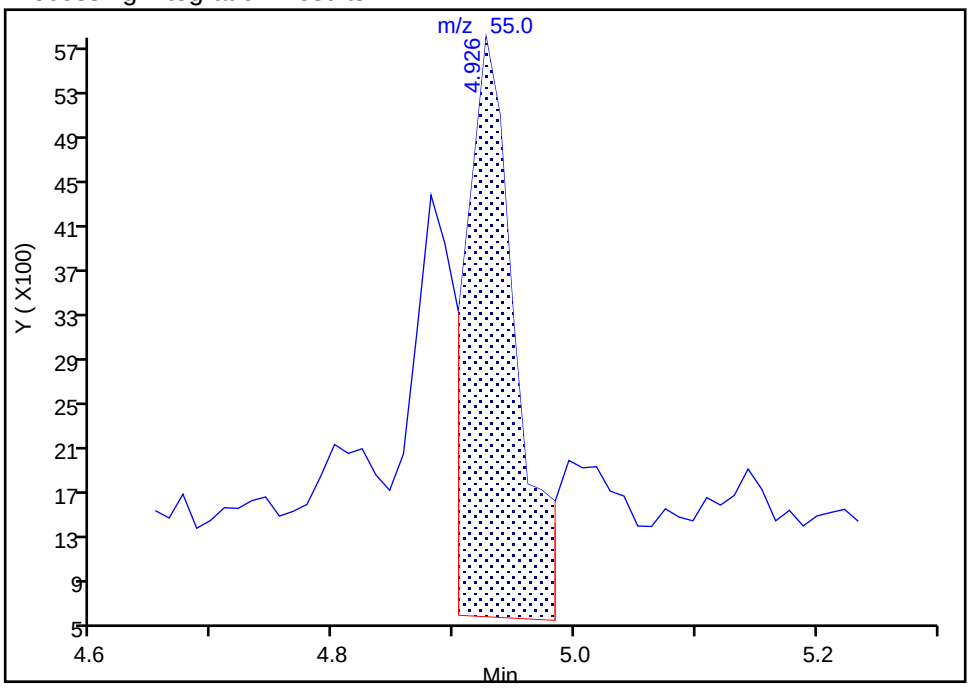
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04654.D
Injection Date: 15-Aug-2020 05:38:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

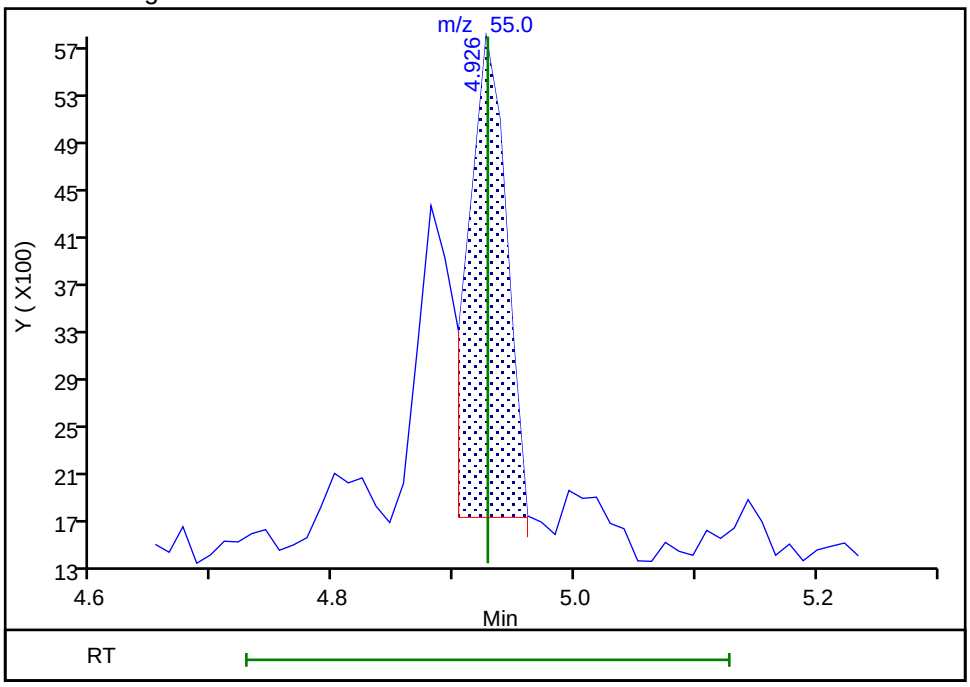
Processing Integration Results

RT: 4.93
Area: 15442
Amount: 8.003632
Amount Units: ug/l



Manual Integration Results

RT: 4.93
Area: 9029
Amount: 4.553068
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:22:03
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

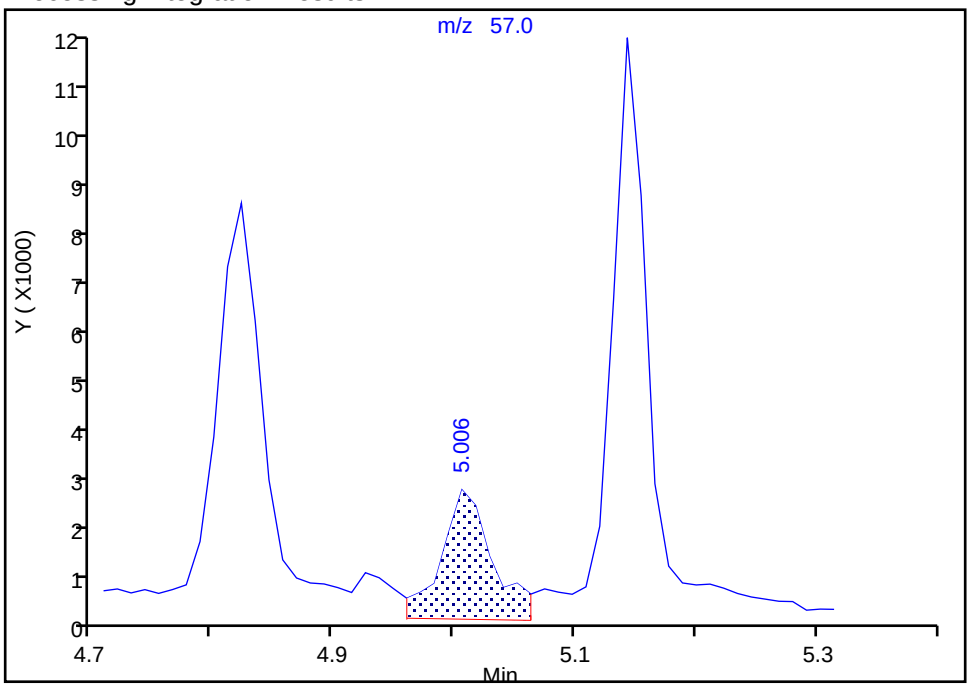
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04654.D
Injection Date: 15-Aug-2020 05:38:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Signal: 1

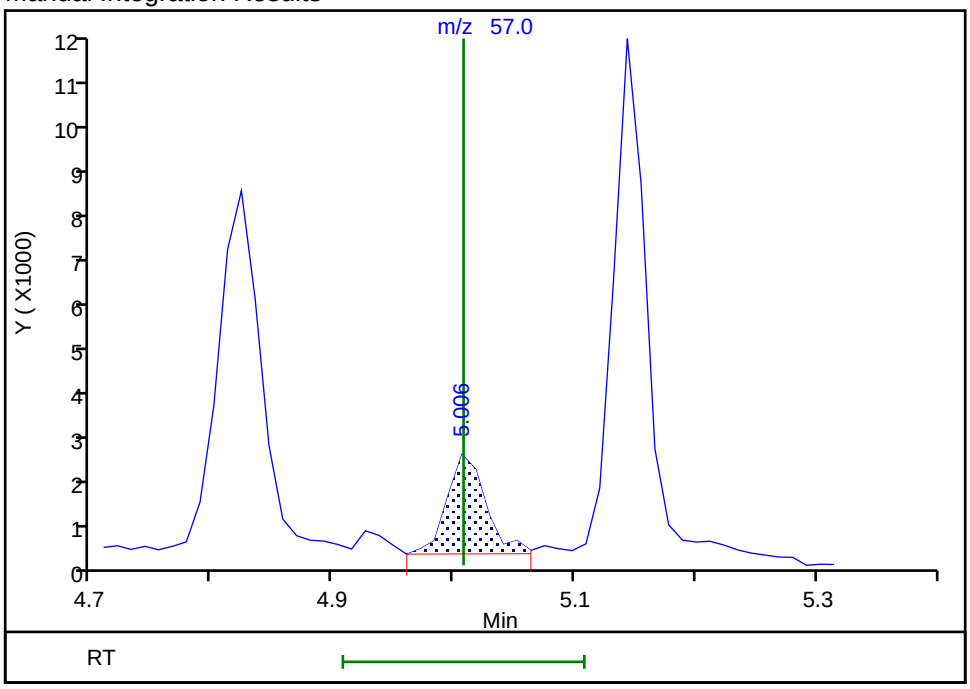
Processing Integration Results

RT: 5.01
Area: 7553
Amount: 10.146260
Amount Units: ug/l



Manual Integration Results

RT: 5.01
Area: 4700
Amount: 5.532126
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:25:03
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 15-Aug-2020 06:03:30 ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0115118-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:10:16 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: boykink Date: 15-Aug-2020 19:19:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.309	1.309	0.000	89	1475	20.0	30.4	a
3 Dichlorodifluoromethane	85	1.332	1.332	0.000	98	41340	20.0	21.8	
4 1,1-Difluoroethane	65	1.343	1.343	0.000	78	17032	20.0	24.2	a
5 Chlorodifluoromethane	67	1.377	1.377	0.000	97	6673	20.0	30.2	
6 Chloromethane	50	1.526	1.526	0.000	99	61933	20.0	20.3	
7 Vinyl chloride	62	1.583	1.583	0.000	98	54363	20.0	20.6	
8 Butadiene	54	1.606	1.606	0.000	95	52181	20.0	21.0	
9 Bromomethane	94	1.868	1.868	0.000	98	19218	20.0	20.3	
10 Chloroethane	64	1.948	1.948	0.000	98	29223	20.0	20.1	
12 Dichlorofluoromethane	67	2.108	2.108	0.000	94	78952	20.0	20.3	
11 Trichlorofluoromethane	101	2.119	2.119	0.000	89	60076	20.0	21.2	
13 Pentane	72	2.165	2.165	0.000	97	6504	40.0	41.0	
14 Ethanol	46	2.313	2.313	0.000	97	12885	800.0	828.6	
15 Ethyl ether	59	2.359	2.359	0.000	91	40104	20.0	20.3	a
16 2-Methyl-1,3-butadiene	53	2.370	2.370	0.000	96	43732	20.0	20.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.393	2.393	0.000	98	24391	20.0	19.7	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.450	2.450	0.000	97	54253	20.0	20.4	a
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.507	2.507	0.000	92	25448	20.0	19.4	
20 Acrolein	56	2.519	2.519	0.000	97	13631	40.0	36.8	
21 1,1-Dichloroethene	96	2.542	2.542	0.000	90	30537	20.0	20.1	a
22 Acetone	43	2.644	2.644	0.000	85	86516	100.0	94.4	
23 Iodomethane	142	2.702	2.702	0.000	96	22686	20.0	11.9	
24 Carbon disulfide	76	2.724	2.724	0.000	100	131161	20.0	20.1	
25 Isopropyl alcohol	45	2.736	2.736	0.000	99	43351	200.0	189.3	a
26 3-Chloro-1-propene	76	2.861	2.861	0.000	92	24491	20.0	21.1	
27 Cyclopentene	67	2.873	2.873	0.000	92	99034	20.0	20.9	a
28 Methyl acetate	43	2.884	2.884	0.000	98	97006	40.0	40.6	
29 Acetonitrile	41	2.941	2.941	0.000	99	88708	200.0	202.7	
30 Methylene Chloride	84	2.987	2.987	0.000	94	40104	20.0	20.0	
* 31 TBA-d9 (IS)	65	2.987	2.987	0.000	88	293155	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.055	3.055	0.000	99	62422	200.0	189.6	
33 Methyl tert-butyl ether	73	3.147	3.147	0.000	97	136972	20.0	20.4	
34 trans-1,2-Dichloroethene	96	3.170	3.170	0.000	94	36404	20.0	20.1	a
35 Acrylonitrile	53	3.250	3.250	0.000	93	213907	200.0	208.4	
36 Hexane	57	3.318	3.318	0.000	94	28655	20.0	21.1	
37 Isopropyl ether	45	3.546	3.546	0.000	96	199038	20.0	21.0	
38 1,1-Dichloroethane	63	3.569	3.569	0.000	99	92235	20.0	20.9	
39 Vinyl acetate	43	3.592	3.592	0.000	100	287383	40.0	42.4	
40 2-Chloro-1,3-butadiene	88	3.615	3.615	0.000	94	33707	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.855	3.855	0.000	86	165343	20.0	20.7	
* 43 2-Butanone-d5	46	4.060	4.060	0.000	94	387330	250.0	250.0	
42 2,2-Dichloropropane	79	4.060	4.060	0.000	93	21109	20.0	19.4	a
44 cis-1,2-Dichloroethene	96	4.083	4.083	0.000	89	42870	20.0	20.5	
46 2-Butanone (MEK)	72	4.117	4.117	0.000	95	28195	100.0	97.2	
45 Ethyl acetate	70	4.117	4.117	0.000	94	11818	40.0	40.1	
47 Methyl acrylate	55	4.163	4.163	0.000	99	52435	20.0	20.0	
48 Propionitrile	54	4.243	4.243	0.000	97	84512	200.0	204.7	
49 Chlorobromomethane	128	4.311	4.311	0.000	91	18781	20.0	19.8	
50 Tetrahydrofuran	72	4.323	4.323	0.000	93	14145	40.0	40.4	
51 Methacrylonitrile	67	4.346	4.346	0.000	97	221302	200.0	214.9	
52 Chloroform	83	4.368	4.368	0.000	97	80137	20.0	21.0	a
53 Cyclohexane	84	4.483	4.483	0.000	97	32462	20.0	18.6	
54 1,1,1-Trichloroethane	97	4.505	4.505	0.000	96	62721	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.517	4.517	0.000	94	94471	50.0	50.9	
56 Carbon tetrachloride	117	4.620	4.620	0.000	97	49519	20.0	20.0	
57 1,1-Dichloropropene	75	4.654	4.654	0.000	91	57752	20.0	20.1	a
59 Isobutyl alcohol	43	4.802	4.802	0.000	96	92132	500.0	510.9	
58 Isooctane	57	4.825	4.825	0.000	96	70840	20.0	20.3	
60 Benzene	78	4.859	4.859	0.000	98	172213	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.871	4.871	0.000	0	150679	50.0	51.2	
62 Tert-amyl methyl ether	55	4.928	4.928	0.000	66	44099	20.0	22.7	a
63 Isopropyl acetate	43	4.928	4.928	0.000	93	219353	20.0	22.2	a
64 1,2-Dichloroethane	62	4.951	4.951	0.000	96	75969	20.0	20.3	
65 n-Heptane	57	5.008	5.008	0.000	97	17584	20.0	21.2	
* 66 Fluorobenzene	96	5.145	5.145	0.000	96	400392	50.0	50.0	
68 n-Butanol	56	5.476	5.476	0.000	95	49125	500.0	553.5	
67 Trichloroethene	95	5.499	5.499	0.000	90	39688	20.0	20.6	
69 Methylcyclohexane	83	5.613	5.613	0.000	86	28849	20.0	20.9	
70 Ethyl acrylate	55	5.636	5.636	0.000	98	113328	20.0	22.1	
71 1,2-Dichloropropane	63	5.795	5.795	0.000	87	47586	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.864	5.864	0.000	0	23329	1000.0	1000.0	
73 Methyl methacrylate	100	5.887	5.887	0.000	93	20758	40.0	40.4	
74 Dibromomethane	93	5.921	5.921	0.000	90	27621	20.0	18.8	
75 1,4-Dioxane	88	5.921	5.921	0.000	44	10458	400.0	405.6	
76 n-Propyl acetate	43	5.944	5.944	0.000	98	91021	20.0	20.2	
77 Dichlorobromomethane	83	6.069	6.069	0.000	98	56834	20.0	20.1	a
79 2-Nitropropane	41	6.423	6.423	0.000	82	35906	40.0	37.3	a
78 2-Chloroethyl vinyl ether	63	6.423	6.423	0.000	66	33627	20.0	20.2	
80 Epichlorohydrin	57	6.538	6.538	0.000	99	103264	400.0	398.8	
81 cis-1,3-Dichloropropene	75	6.583	6.583	0.000	97	69926	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.766	6.766	0.000	98	285458	100.0	99.1	
$ 83 Toluene-d8 (Surr)	98	6.834	6.834	0.000	97	301758	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.903	6.903	0.000	92	142442	20.0	19.3	
85 trans-1,3-Dichloropropene	75	7.268	7.268	0.000	96	67236	20.0	20.0	a
86 Ethyl methacrylate	69	7.303	7.303	0.000	97	57900	20.0	19.5	
87 1,1,2-Trichloroethane	83	7.485	7.485	0.000	94	32049	20.0	19.4	
88 Tetrachloroethene	166	7.519	7.519	0.000	91	22541	20.0	19.8	
89 1,3-Dichloropropane	76	7.691	7.691	0.000	96	63421	20.0	20.2	
90 2-Hexanone	58	7.771	7.771	0.000	99	93988	100.0	97.6	
91 n-Butyl acetate	43	7.885	7.885	0.000	96	92111	20.0	20.1	
92 Chlorodibromomethane	129	7.919	7.919	0.000	96	37926	20.0	19.7	
93 Ethylene Dibromide	107	8.079	8.079	0.000	98	37222	20.0	20.3	
* 94 Chlorobenzene-d5	117	8.638	8.638	0.000	92	265307	50.0	50.0	
95 Chlorobenzene	112	8.673	8.673	0.000	93	81305	20.0	19.9	
96 Ethylbenzene	106	8.775	8.775	0.000	99	36844	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	8.798	8.798	0.000	91	31759	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.947	8.947	0.000	0	44634	20.0	20.0	
99 o-Xylene	106	9.426	9.426	0.000	90	45661	20.0	19.5	
100 n-Butyl acrylate	73	9.426	9.426	0.000	94	34373	20.0	19.5	
101 Styrene	104	9.460	9.460	0.000	91	84478	20.0	19.7	
102 Bromoform	173	9.666	9.666	0.000	92	24374	20.0	19.6	
103 Amyl acetate (mixed isomers)	43	9.666	9.666	0.000	87	100487	20.0	19.9	
104 Isopropylbenzene	105	9.791	9.791	0.000	97	89411	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.985	9.985	0.000	88	72893	50.0	49.8	
106 Bromobenzene	156	10.100	10.100	0.000	93	30497	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	10.145	10.145	0.000	98	47967	20.0	19.5	
108 N-Propylbenzene	91	10.168	10.168	0.000	98	109022	20.0	20.1	
109 1,2,3-Trichloropropane	110	10.191	10.191	0.000	94	12485	20.0	19.1	
110 trans-1,4-Dichloro-2-butene	53	10.202	10.202	0.000	89	18056	20.0	19.6	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	85448	20.0	19.5	
112 4-Ethyltoluene	105	10.271	10.271	0.000	96	87314	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	10.328	10.328	0.000	91	72519	20.0	19.9	
114 4-Chlorotoluene	91	10.351	10.351	0.000	99	84812	20.0	20.0	
115 Butyl Methacrylate	87	10.408	10.408	0.000	98	46361	20.0	19.9	
116 tert-Butylbenzene	119	10.568	10.568	0.000	89	51449	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	10.613	10.613	0.000	99	75069	20.0	19.3	a
118 sec-Butylbenzene	105	10.728	10.728	0.000	98	76049	20.0	19.9	
119 4-Isopropyltoluene	119	10.842	10.842	0.000	96	62343	20.0	18.7	a
120 1,3-Dichlorobenzene	146	10.842	10.842	0.000	82	44904	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	10.887	10.887	0.000	98	101581	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.910	10.910	0.000	94	46311	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.922	10.922	0.000	99	83987	20.0	20.0	
124 Benzyl chloride	91	11.013	11.013	0.000	98	86284	20.0	20.4	
125 2,3-Dihydroindene	117	11.059	11.059	0.000	94	87401	20.0	19.9	
126 p-Diethylbenzene	119	11.093	11.093	0.000	90	33428	20.0	20.2	
127 n-Butylbenzene	92	11.116	11.116	0.000	97	34086	20.0	19.4	
128 1,2-Dichlorobenzene	146	11.161	11.161	0.000	94	46910	20.0	19.6	
129 1,2,4,5-Tetramethylbenzene	119	11.584	11.584	0.000	97	65488	20.0	20.0	a
130 1,2-Dibromo-3-Chloropropane	157	11.652	11.652	0.000	88	8831	20.0	19.7	
131 1,3,5-Trichlorobenzene	180	11.744	11.744	0.000	96	23870	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	12.143	12.143	0.000	93	23214	20.0	19.4	
133 Hexachlorobutadiene	225	12.200	12.200	0.000	91	9603	20.0	20.1	
134 Naphthalene	128	12.314	12.314	0.000	99	88139	20.0	19.6	
135 1,2,3-Trichlorobenzene	180	12.474	12.474	0.000	94	22726	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 137 Xylenes, Total	100				0		40.0	39.5	
S 138 Total BTEX	1				0		100.0	98.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00381	Amount Added:	20.00	Units: uL	
ACROLEIN W_00110	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	20.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 16-Aug-2020 12:10:19 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D

Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8 Operator ID:

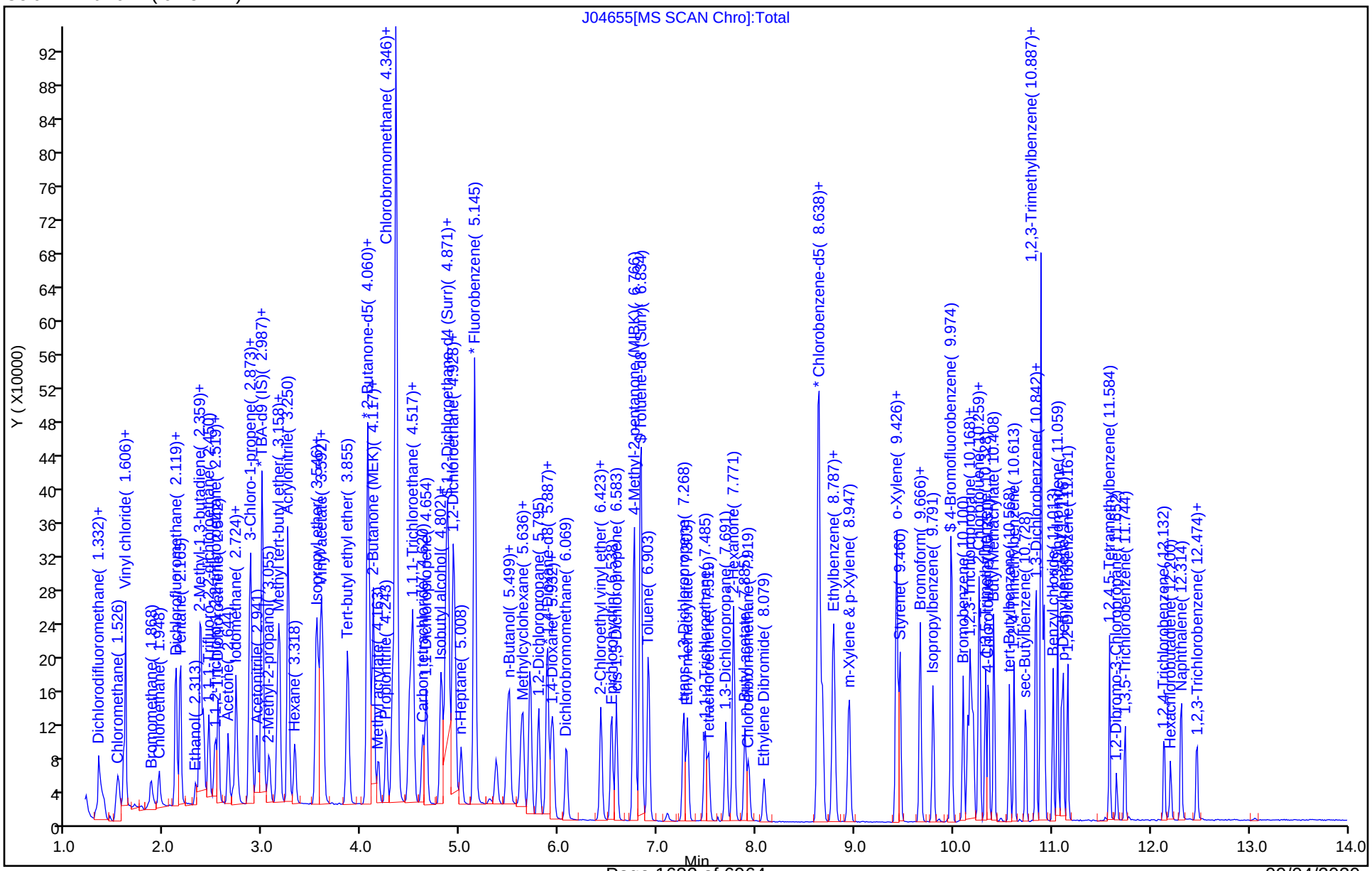
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

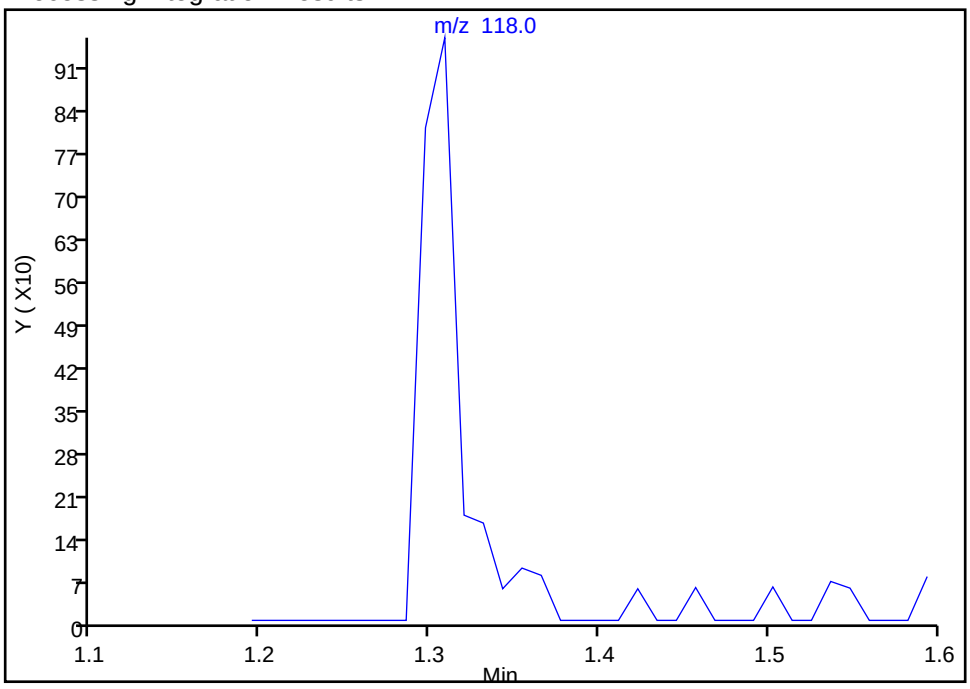
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

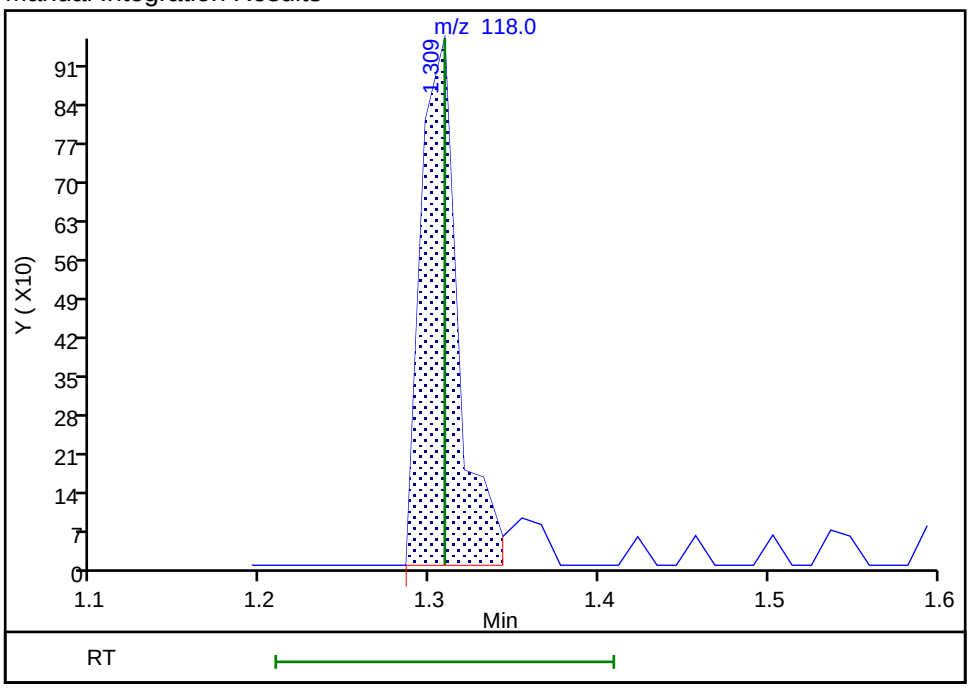
Not Detected
Expected RT: 1.31

Processing Integration Results



Manual Integration Results

RT: 1.31
Area: 1475
Amount: 30.399025
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:13:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

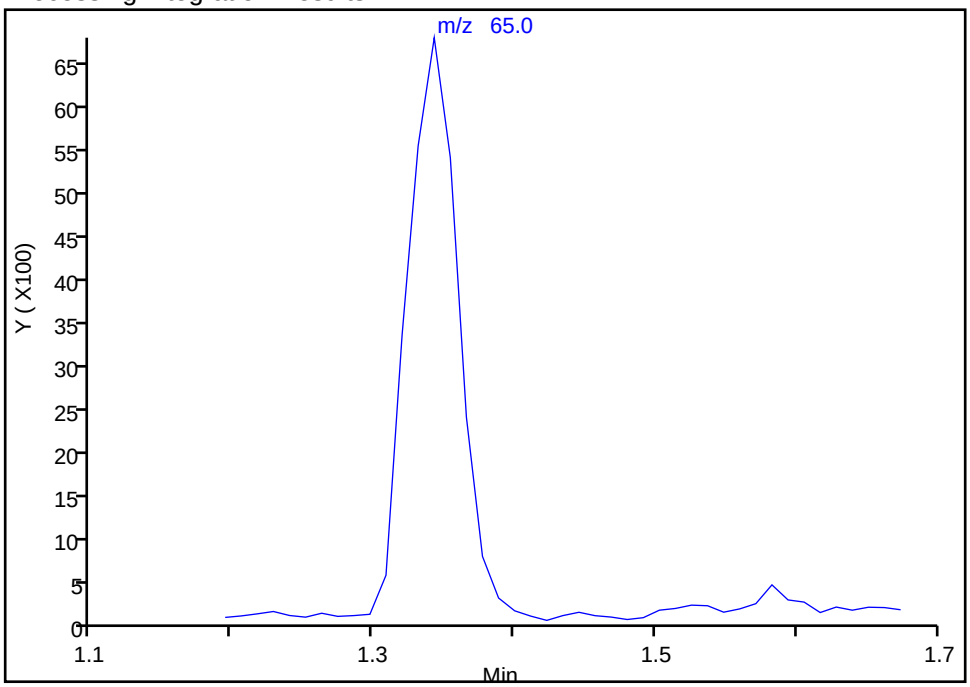
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

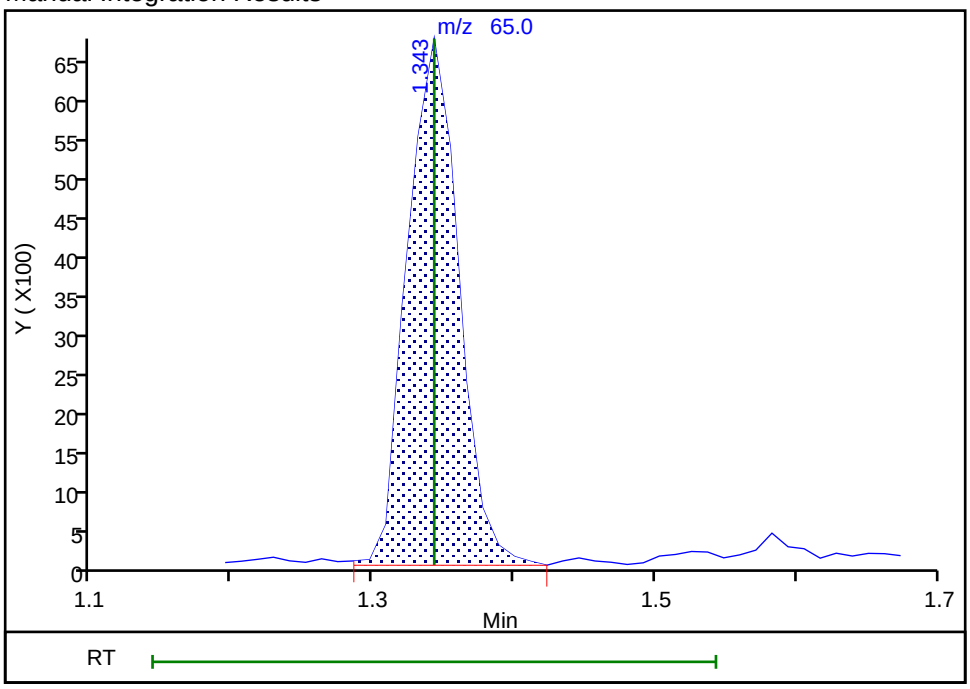
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 17032
Amount: 24.238982
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:13:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

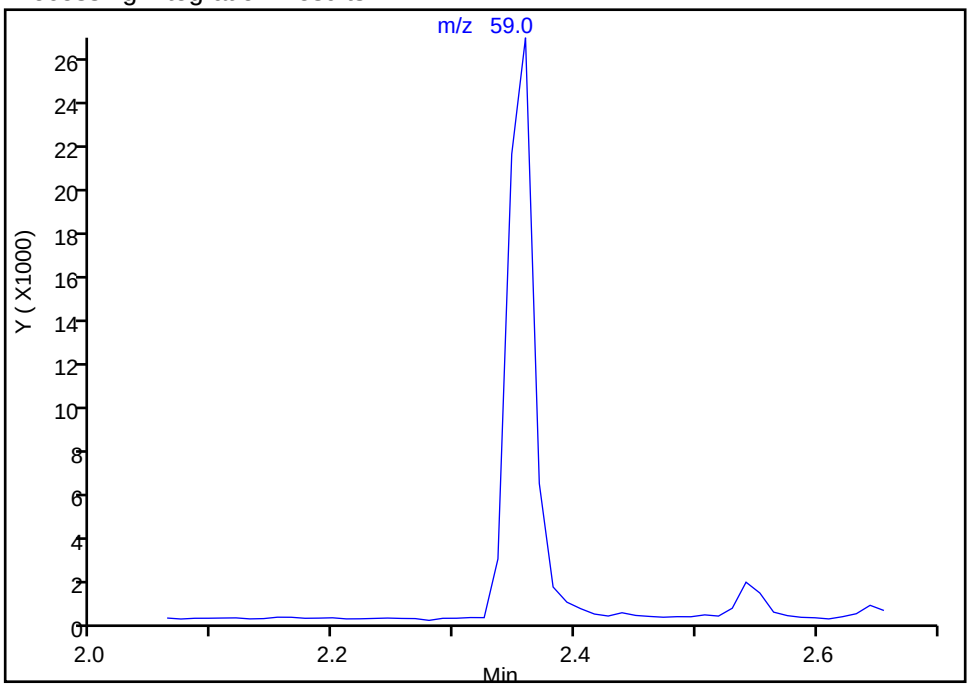
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Signal: 1

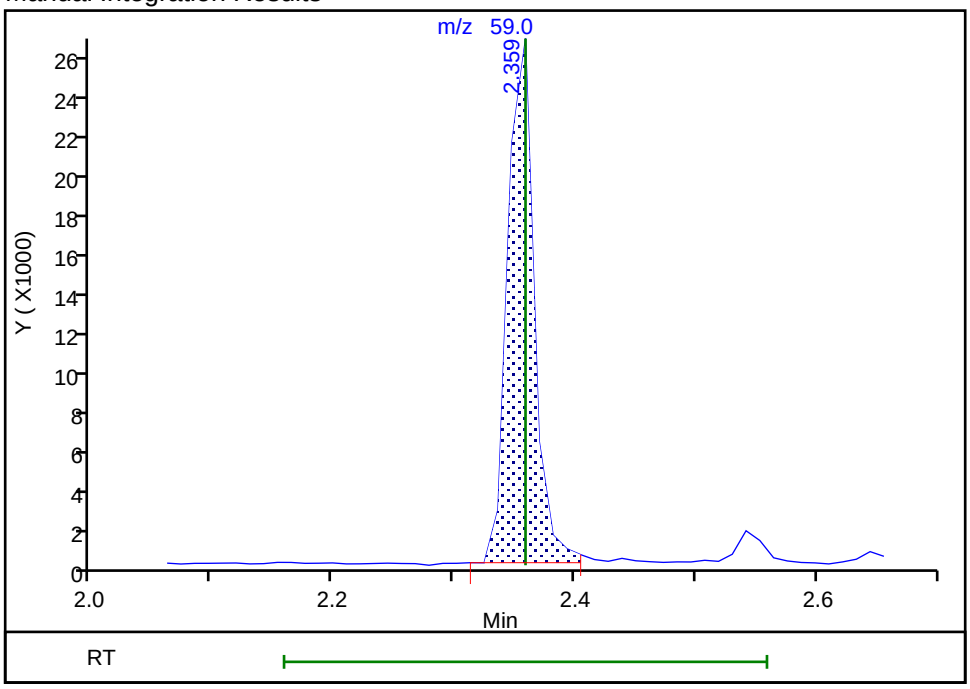
Not Detected
Expected RT: 2.36

Processing Integration Results



Manual Integration Results

RT: 2.36
Area: 40104
Amount: 20.255135
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:14:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

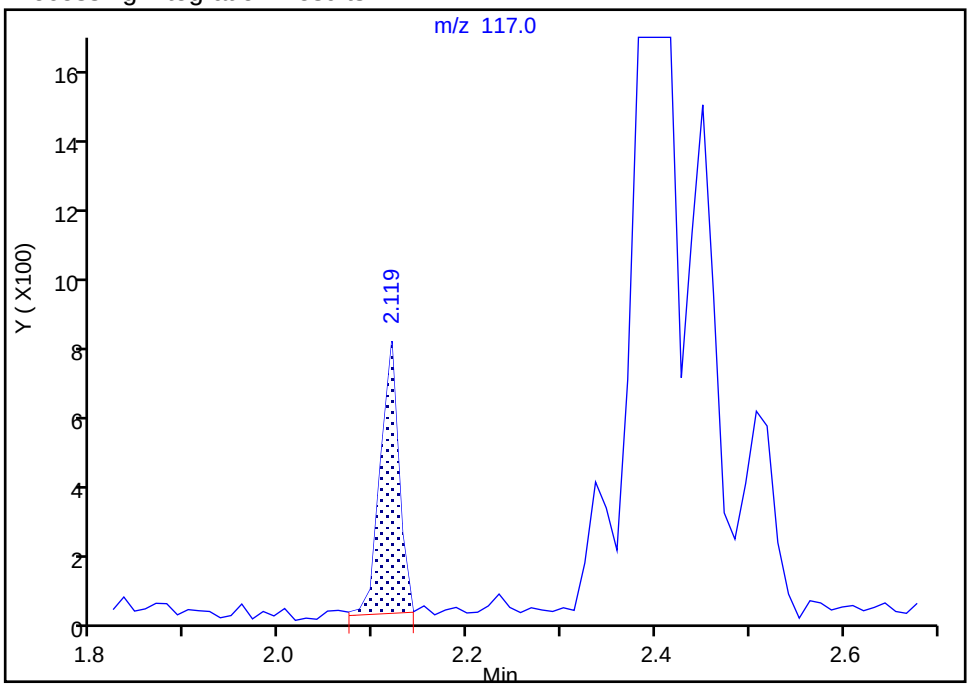
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

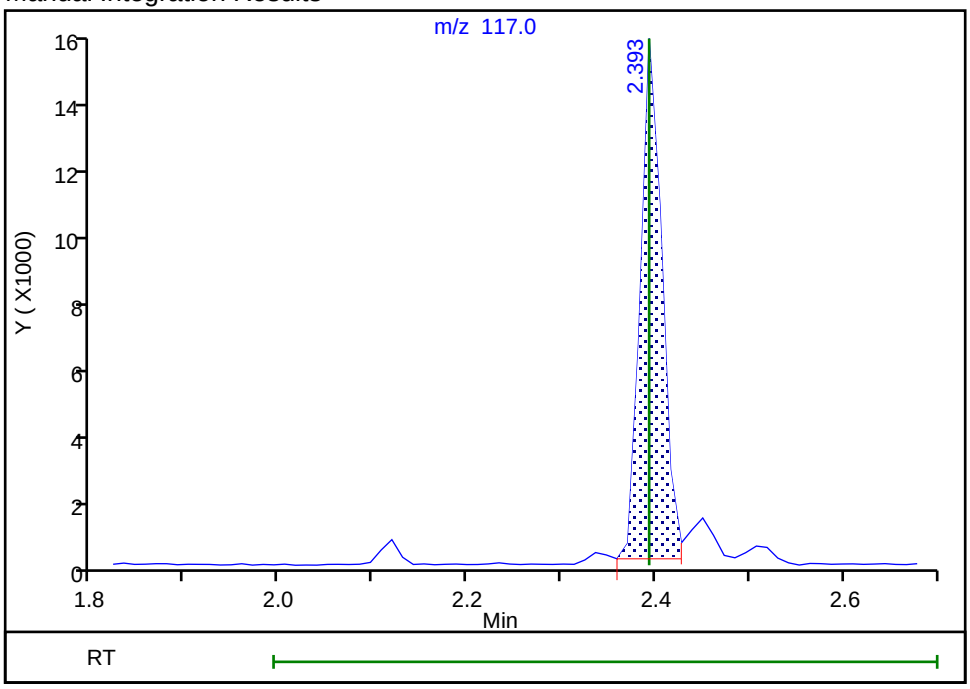
Processing Integration Results

RT: 2.12
Area: 1009
Amount: 22.505666
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 24391
Amount: 19.738741
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:14:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

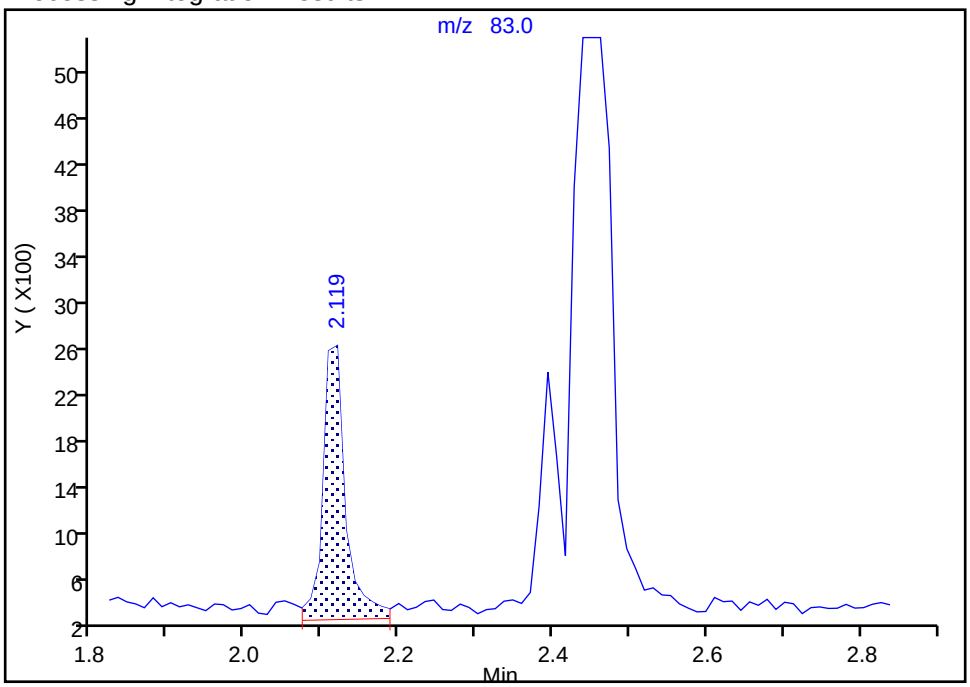
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

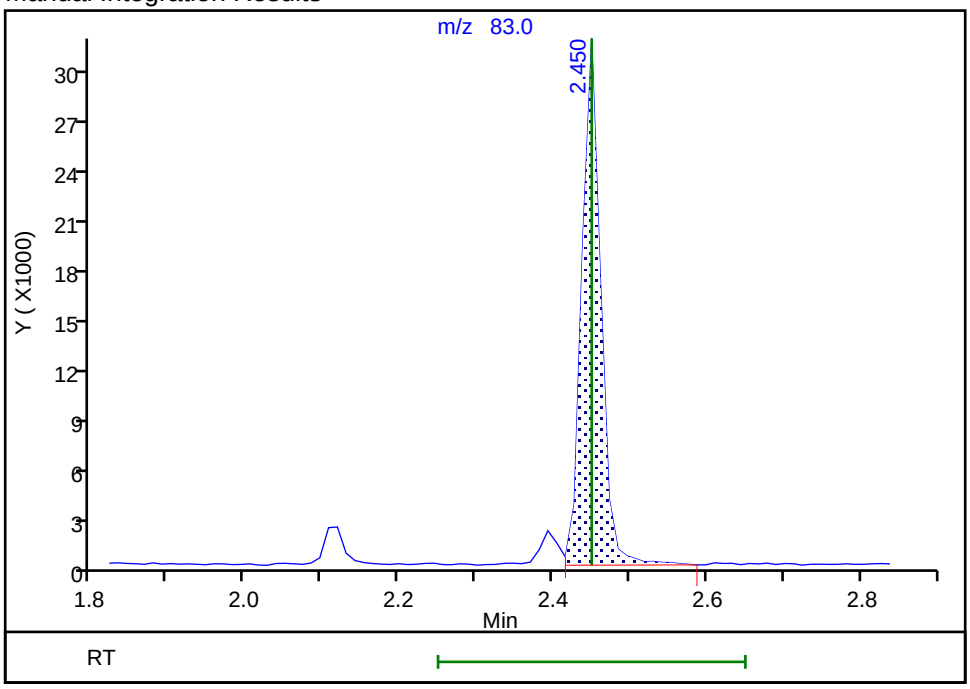
Processing Integration Results

RT: 2.12
Area: 4829
Amount: 26.130267
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 54253
Amount: 20.426190
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:14:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

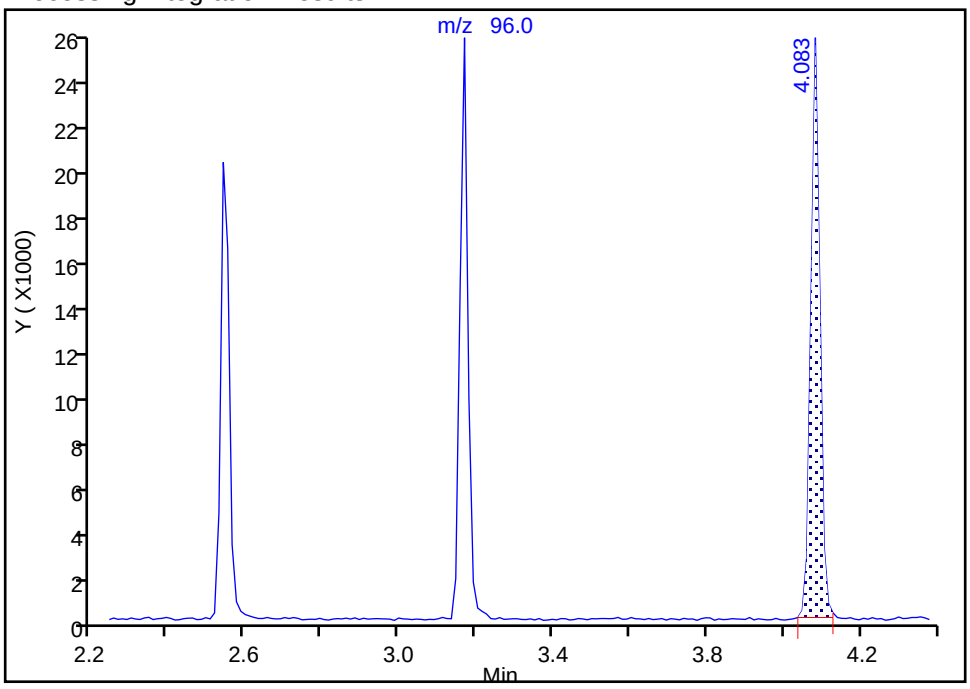
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

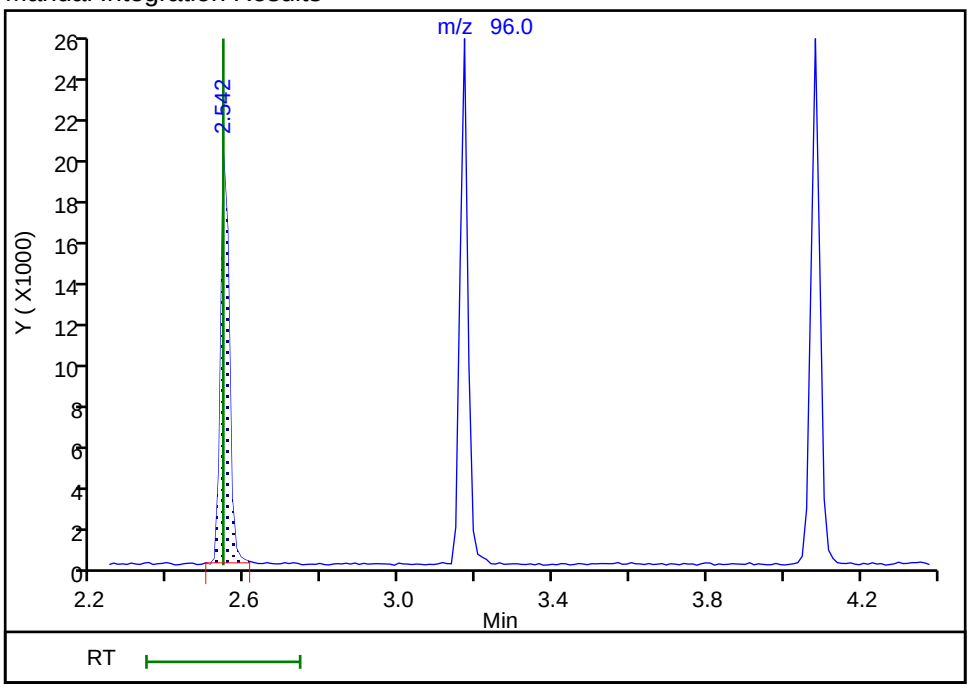
Processing Integration Results

RT: 4.08
Area: 40921
Amount: 27.226257
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 30537
Amount: 20.085067
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:59:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

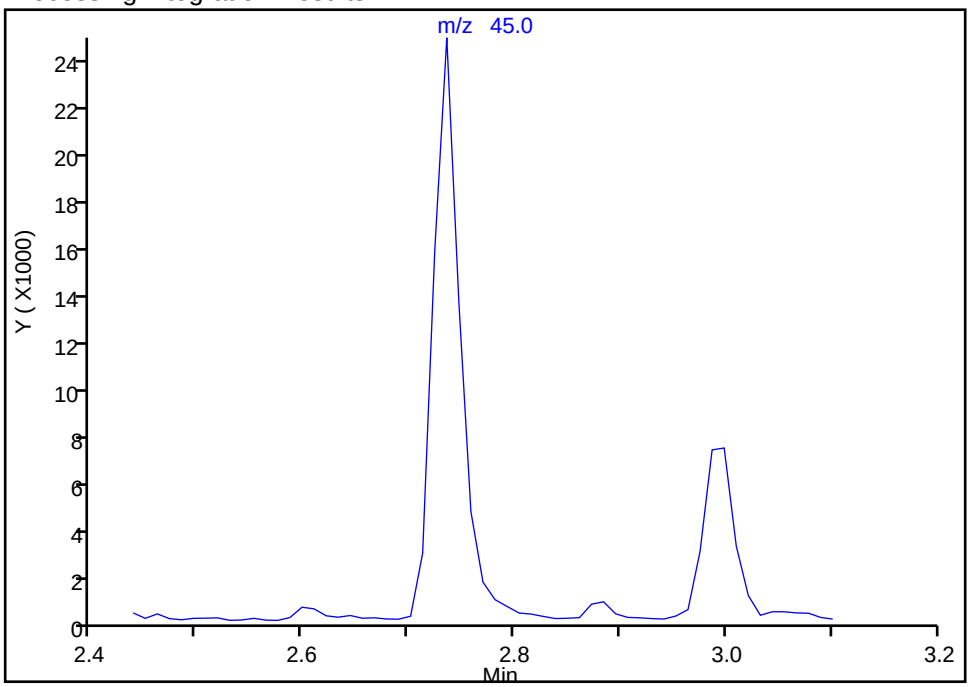
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

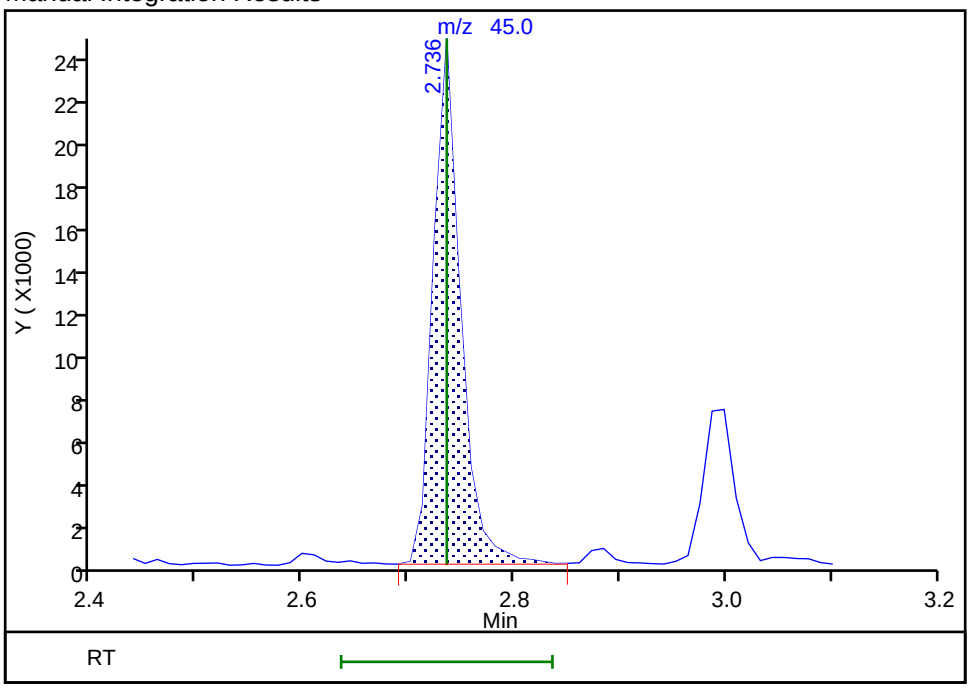
Not Detected
Expected RT: 2.74

Processing Integration Results



Manual Integration Results

RT: 2.74
Area: 43351
Amount: 189.2541
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:59:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

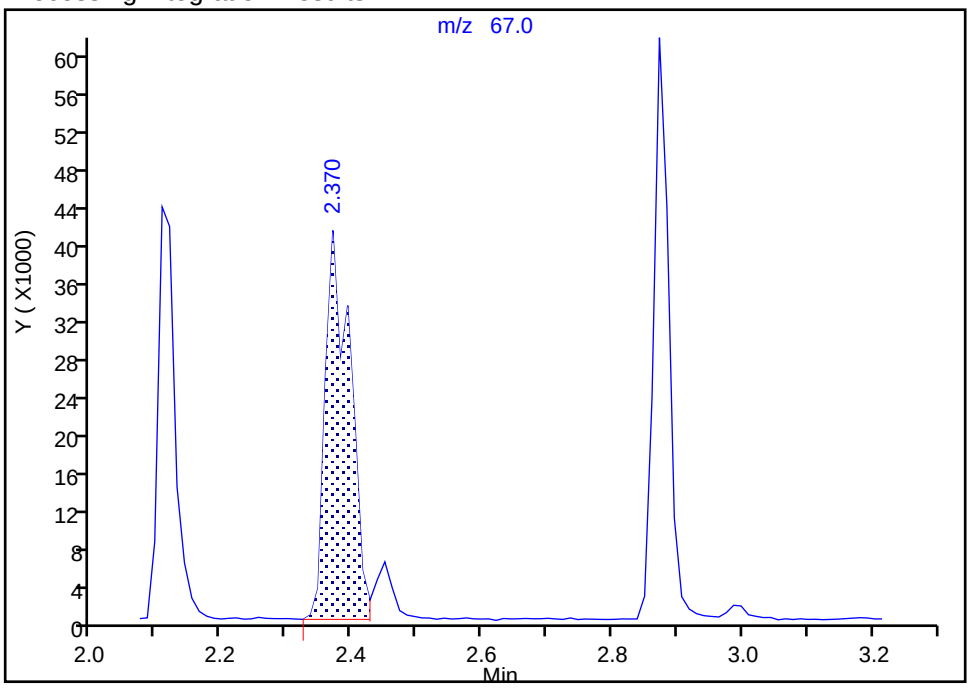
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Cyclopentene, CAS: 142-29-0

Signal: 1

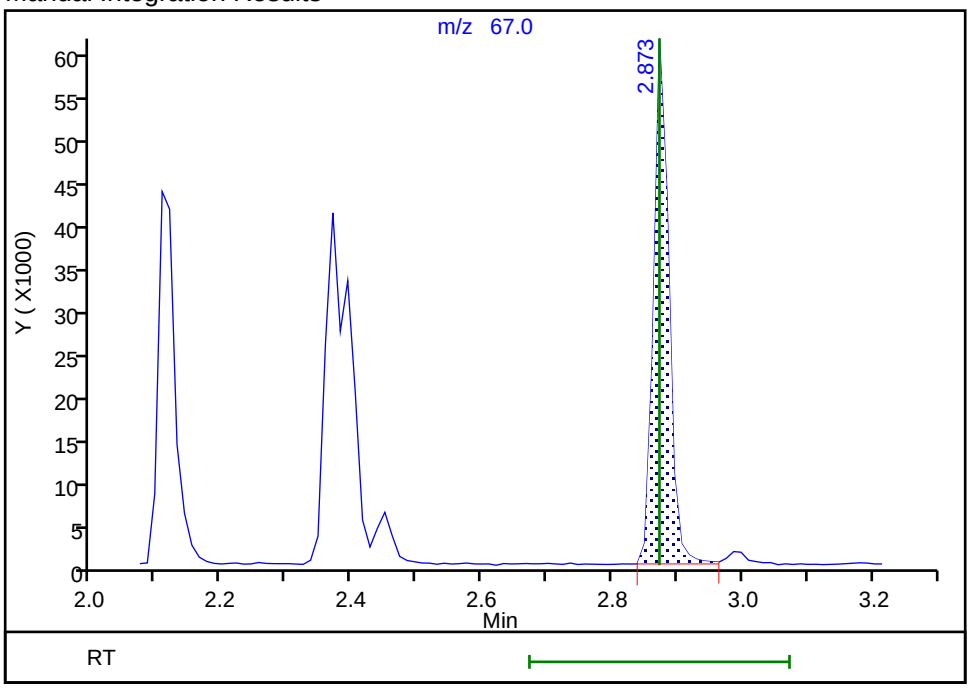
Processing Integration Results

RT: 2.37
Area: 107371
Amount: 23.330363
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 99034
Amount: 20.864410
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:59:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

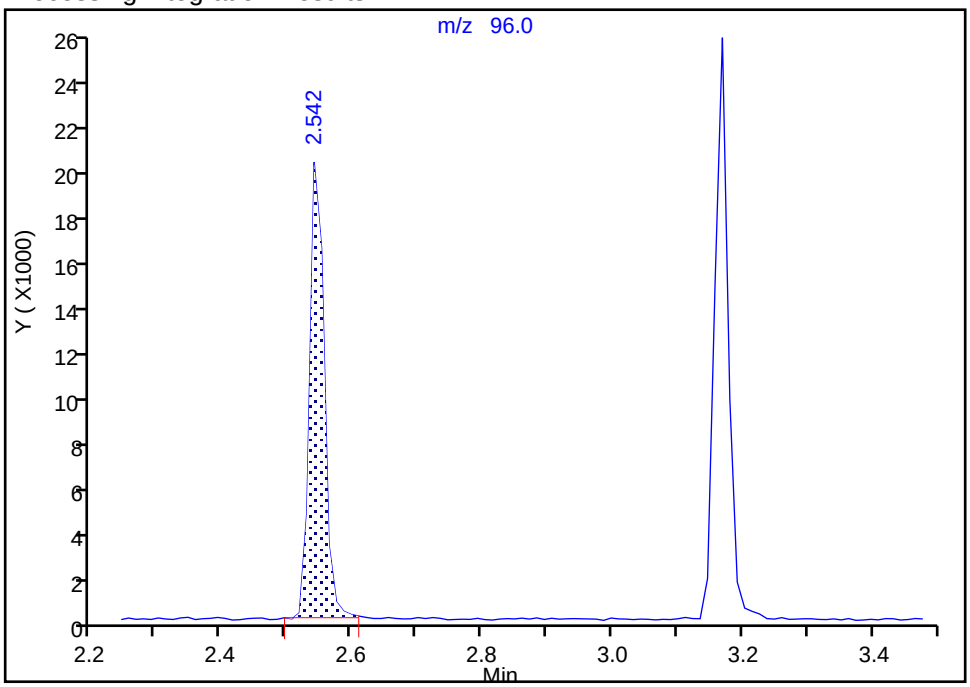
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

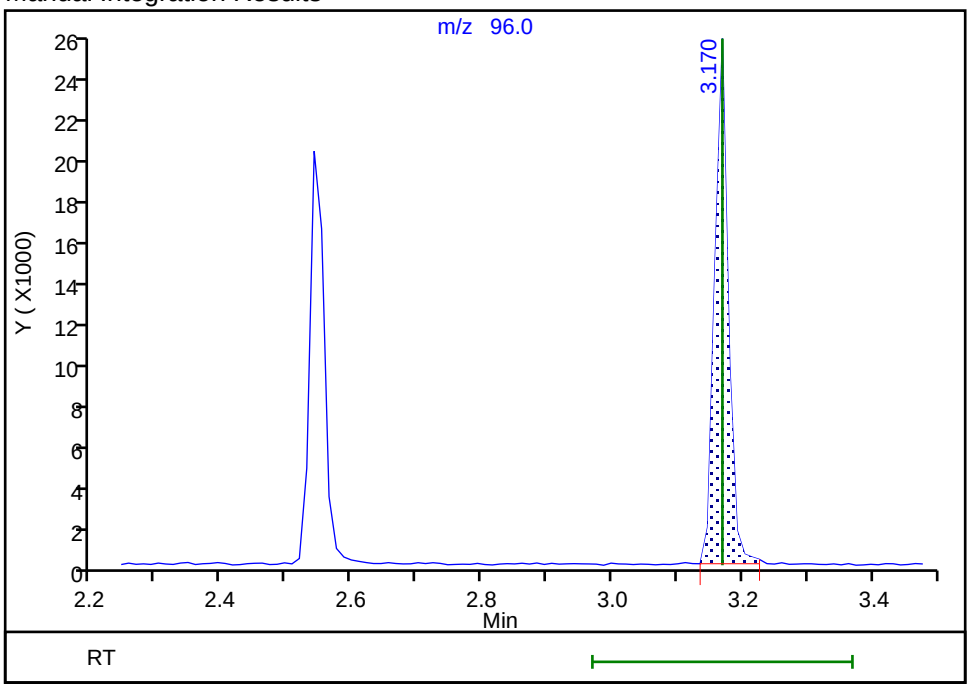
Processing Integration Results

RT: 2.54
Area: 30537
Amount: 18.547982
Amount Units: ug/l



Manual Integration Results

RT: 3.17
Area: 36404
Amount: 20.148071
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:00:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

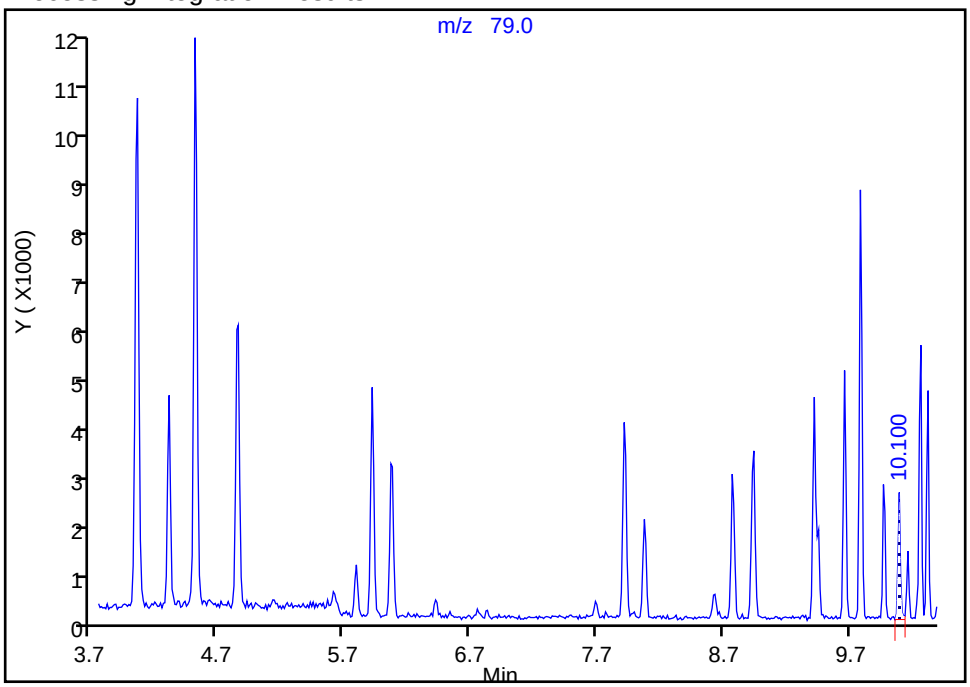
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

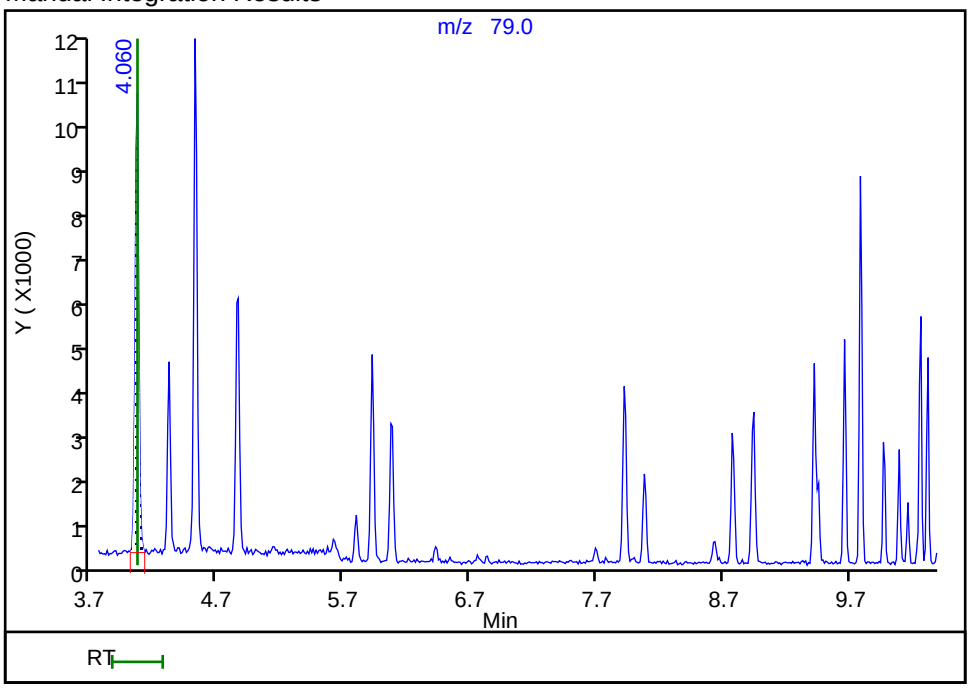
Processing Integration Results

RT: 10.10
Area: 3422
Amount: 3.399524
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 21109
Amount: 19.392078
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:00:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

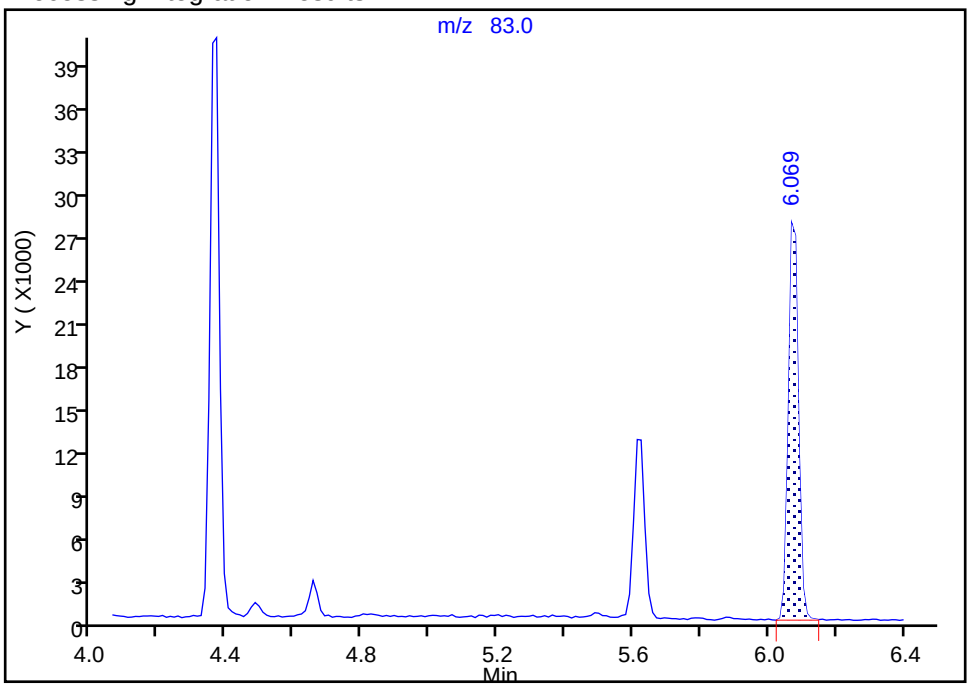
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

52 Chloroform, CAS: 67-66-3

Signal: 1

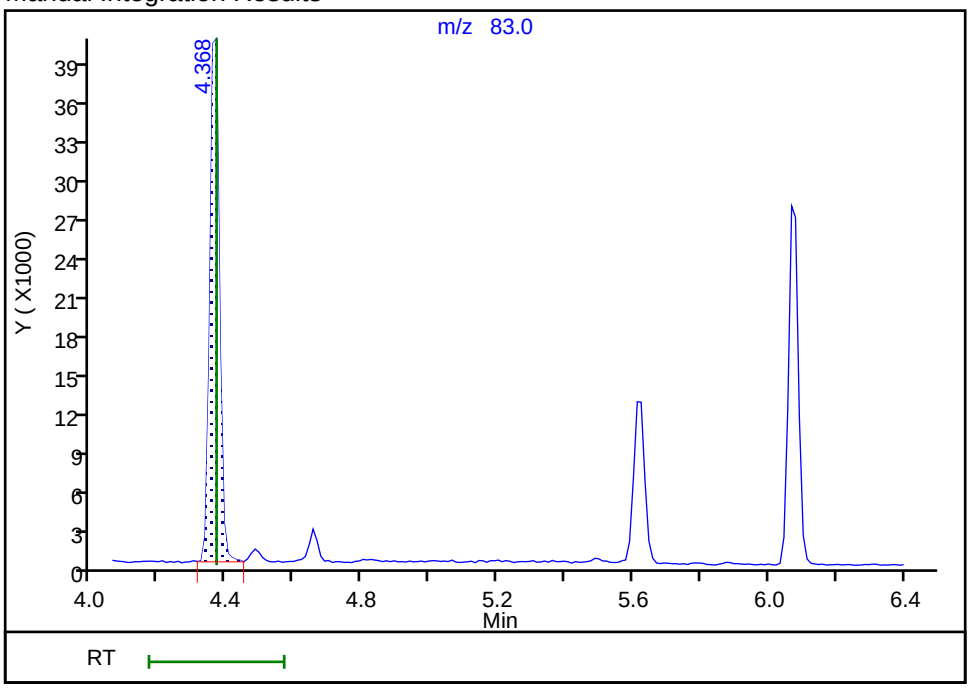
Processing Integration Results

RT: 6.07
Area: 56715
Amount: 17.565950
Amount Units: ug/l



Manual Integration Results

RT: 4.37
Area: 80137
Amount: 20.984284
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:00:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

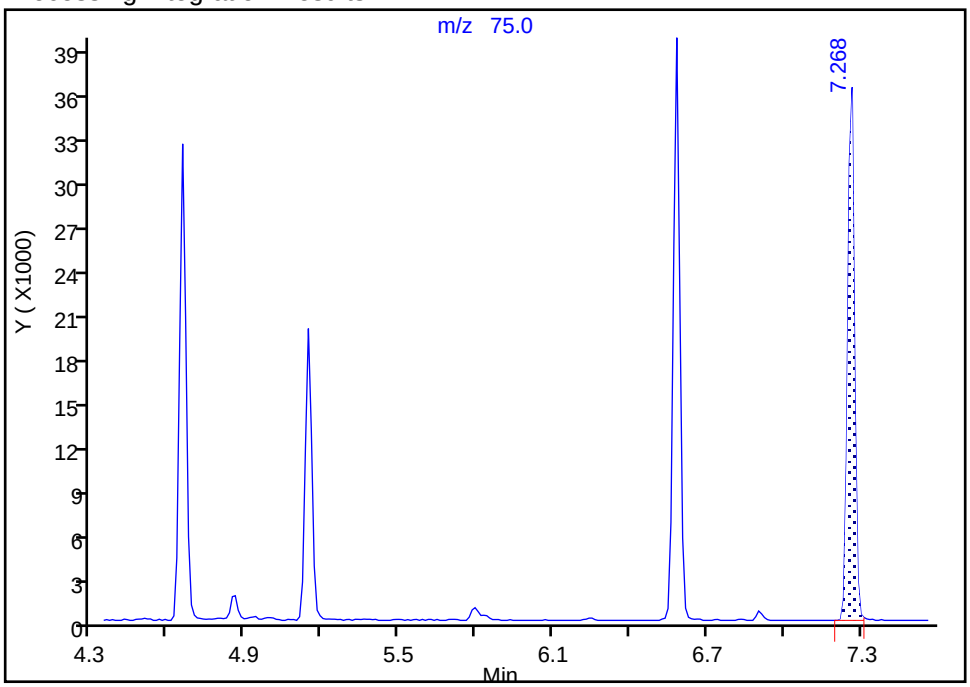
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D		
Injection Date:	15-Aug-2020 06:03:30	Instrument ID:	CVOAMS8
Lims ID:	STD20		
Client ID:			
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

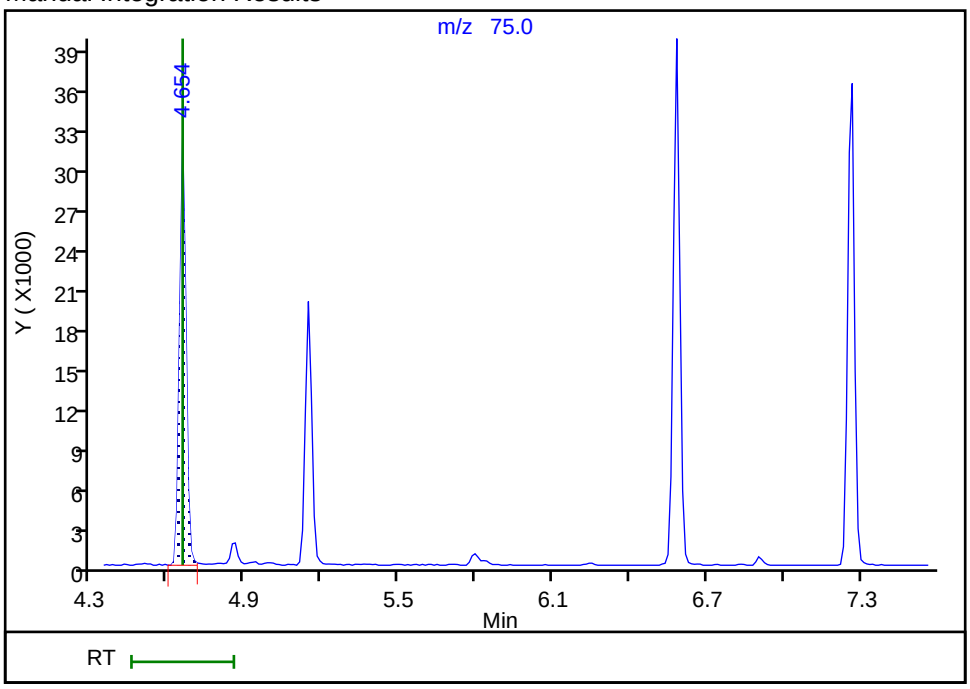
Processing Integration Results

RT: 7.27
Area: 67236
Amount: 21.992423
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 57752
Amount: 20.074146
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:00:49

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

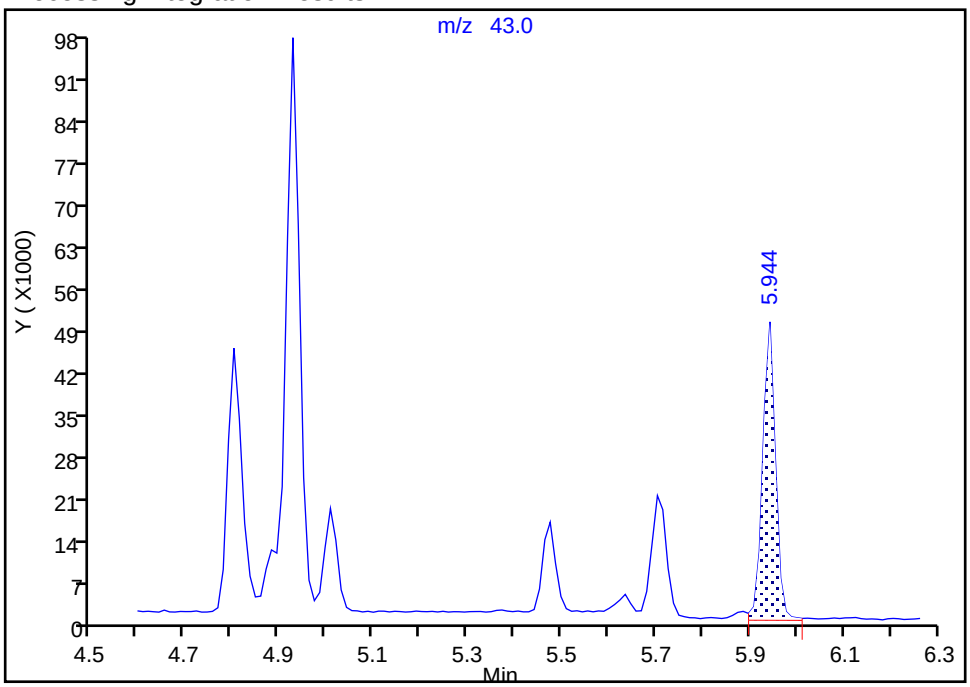
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

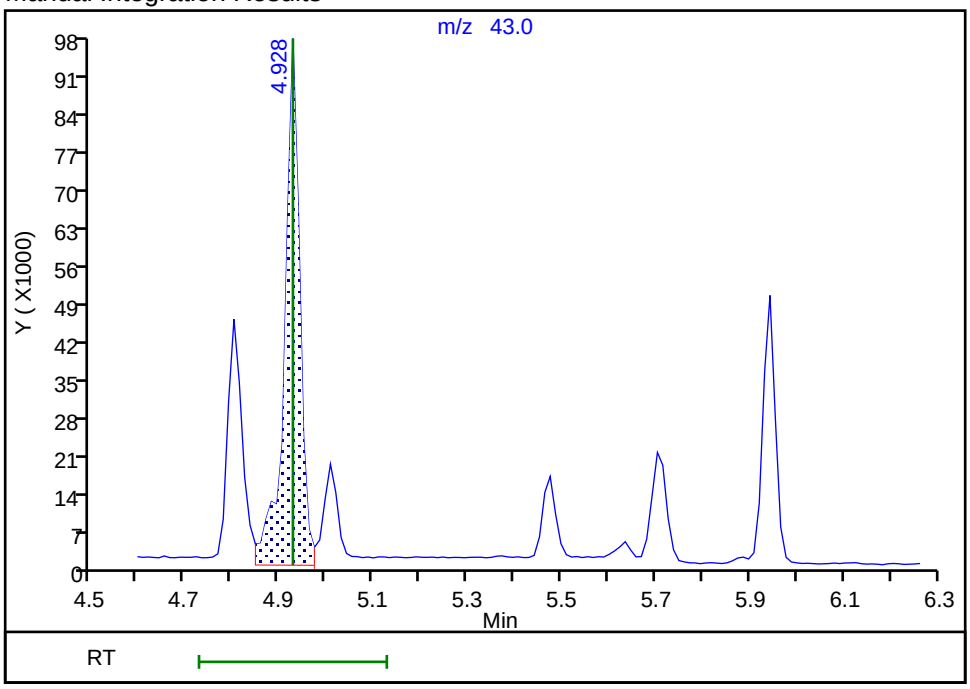
Processing Integration Results

RT: 5.94
Area: 93357
Amount: 9.169824
Amount Units: ug/l



Manual Integration Results

RT: 4.93
Area: 219353
Amount: 22.170434
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:00:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

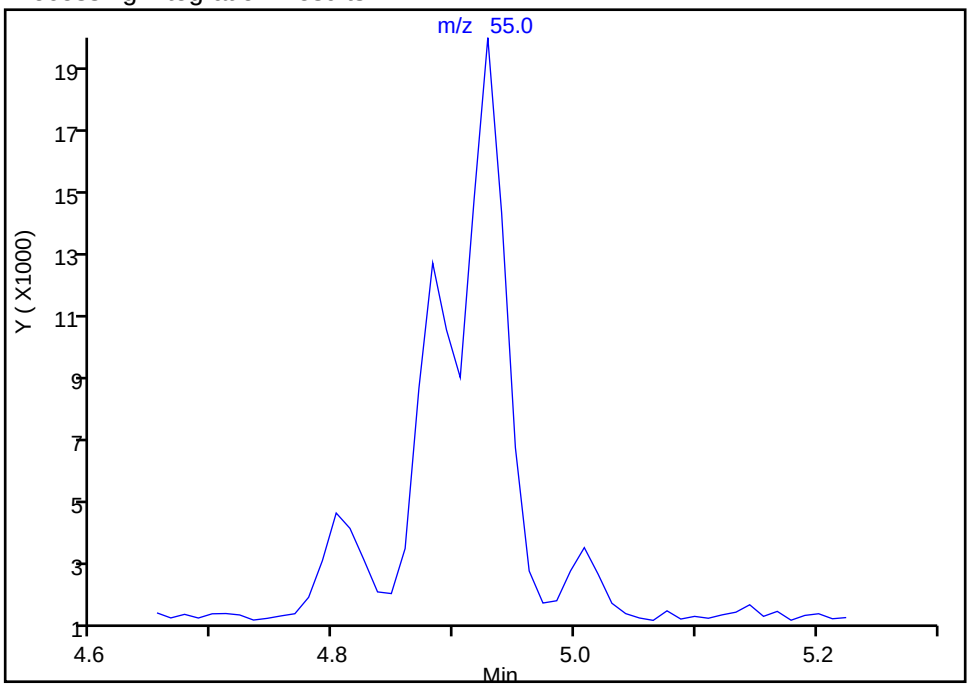
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

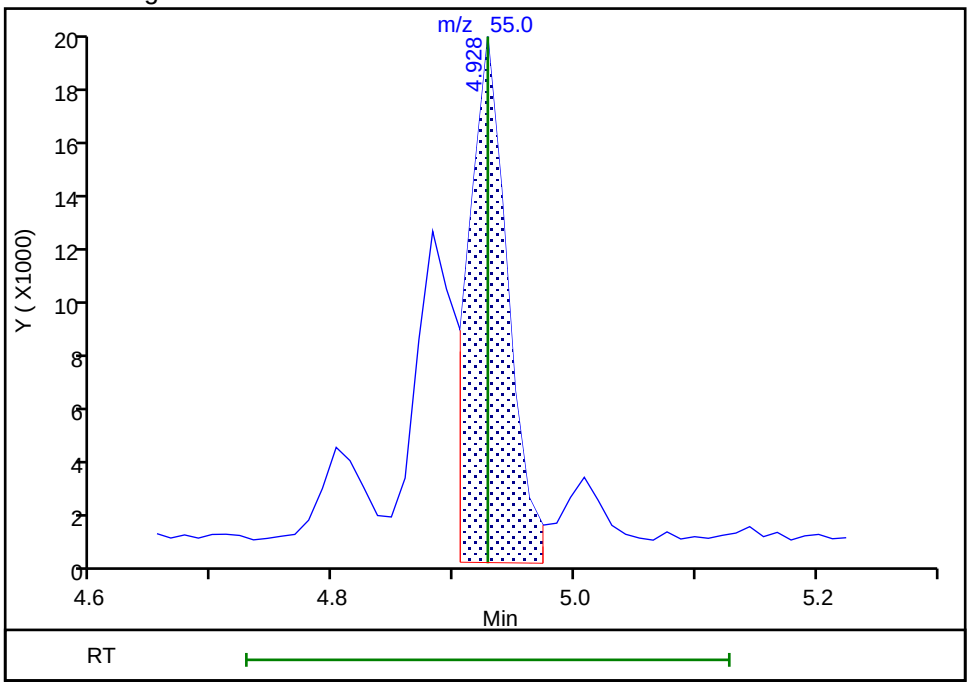
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.93
Area: 44099
Amount: 22.742346
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:15:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

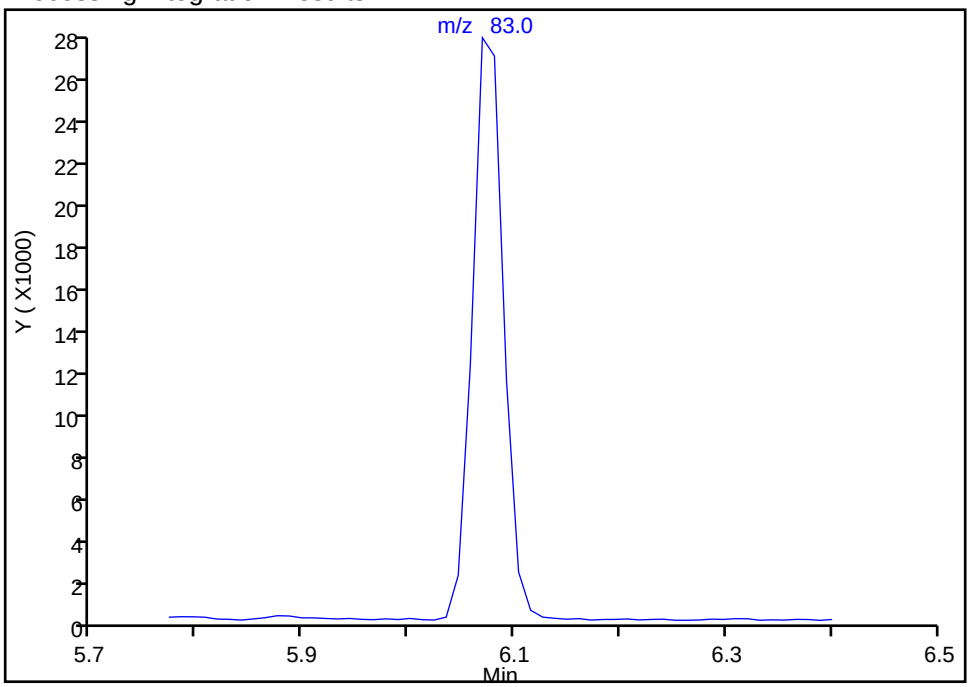
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

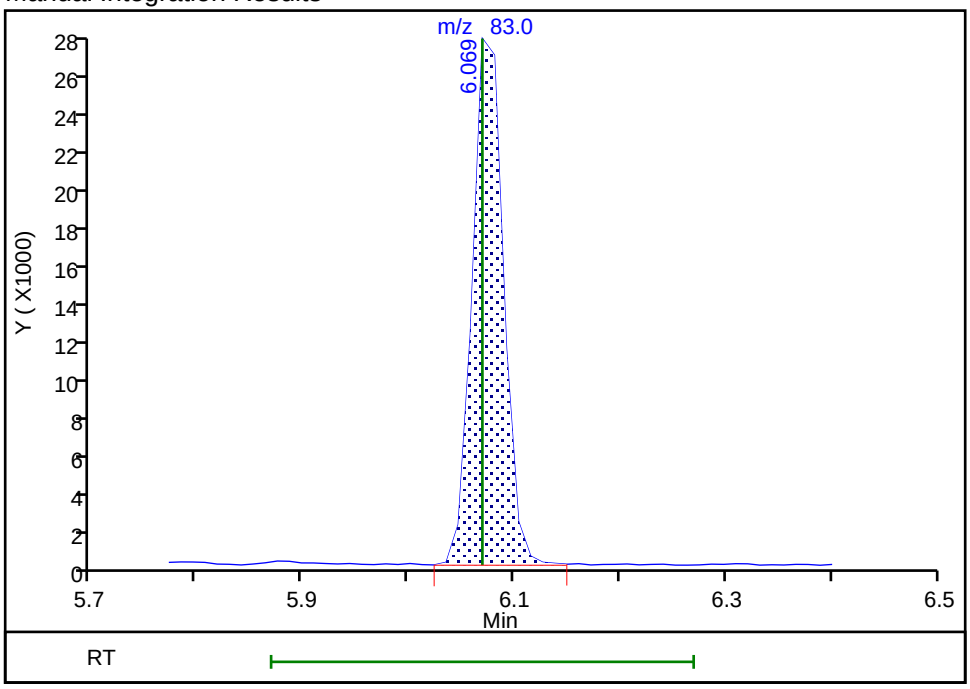
Not Detected
Expected RT: 6.07

Processing Integration Results



Manual Integration Results

RT: 6.07
Area: 56834
Amount: 20.052468
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:18:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

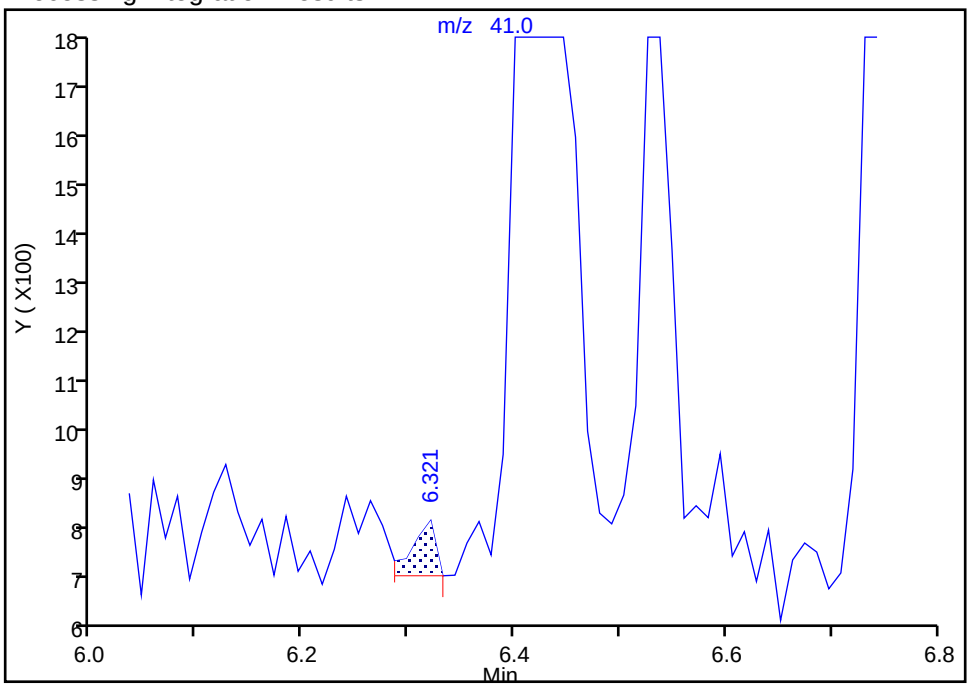
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

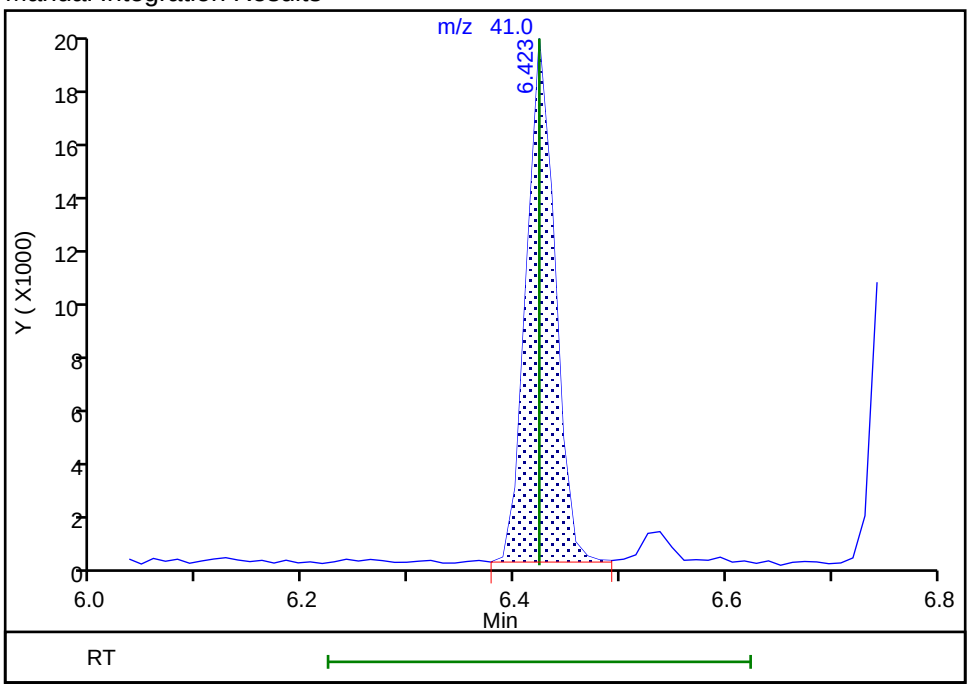
Processing Integration Results

RT: 6.32
Area: 153
Amount: 0.311259
Amount Units: ug/l



Manual Integration Results

RT: 6.42
Area: 35906
Amount: 37.347344
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:18:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

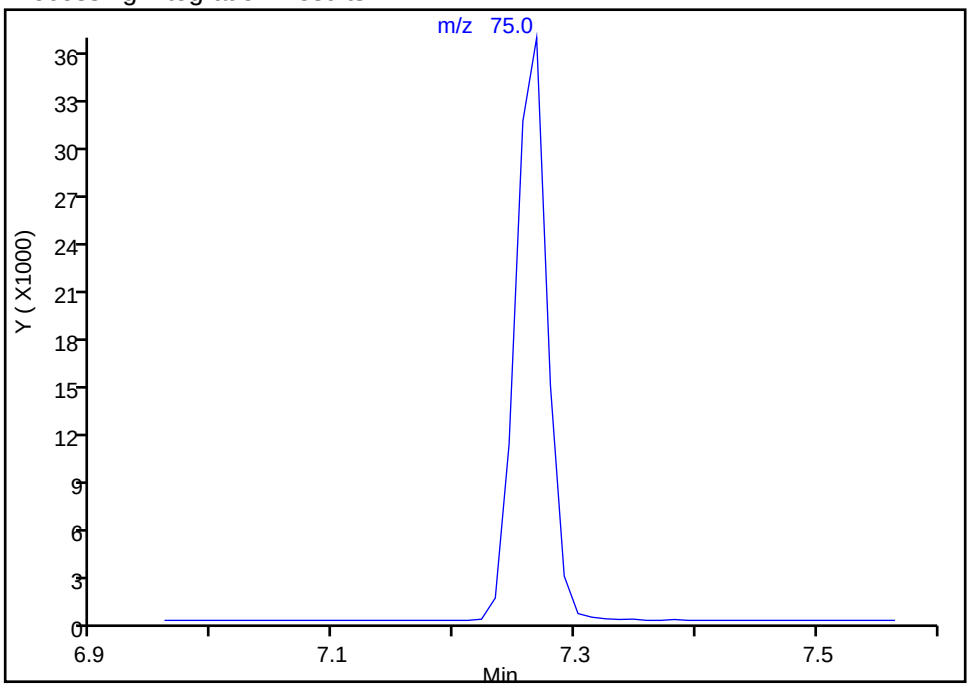
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

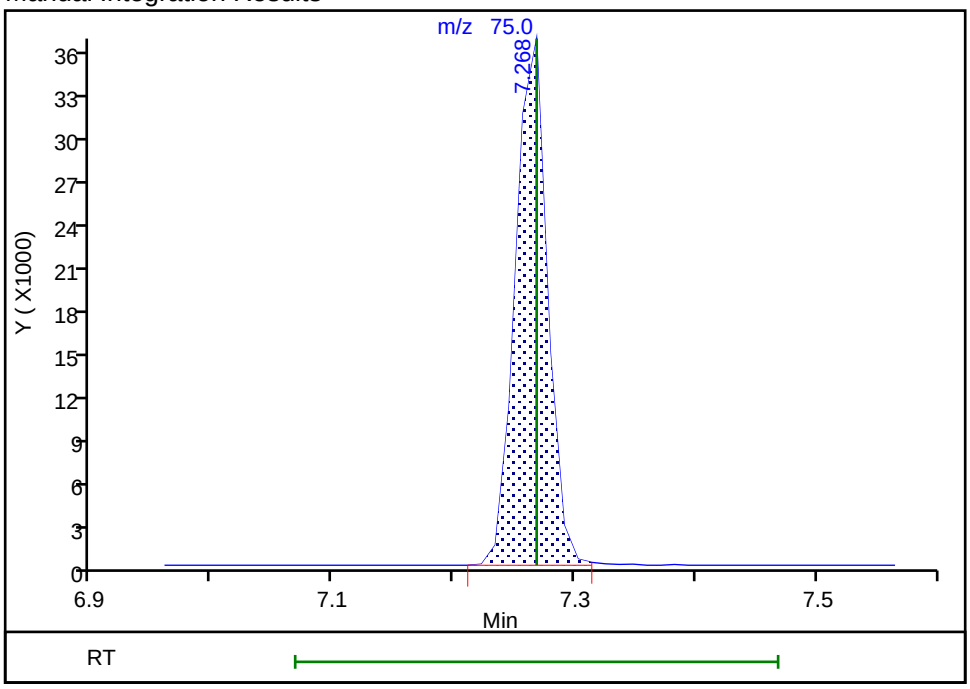
Not Detected
Expected RT: 7.27

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 67236
Amount: 20.023731
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:18:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

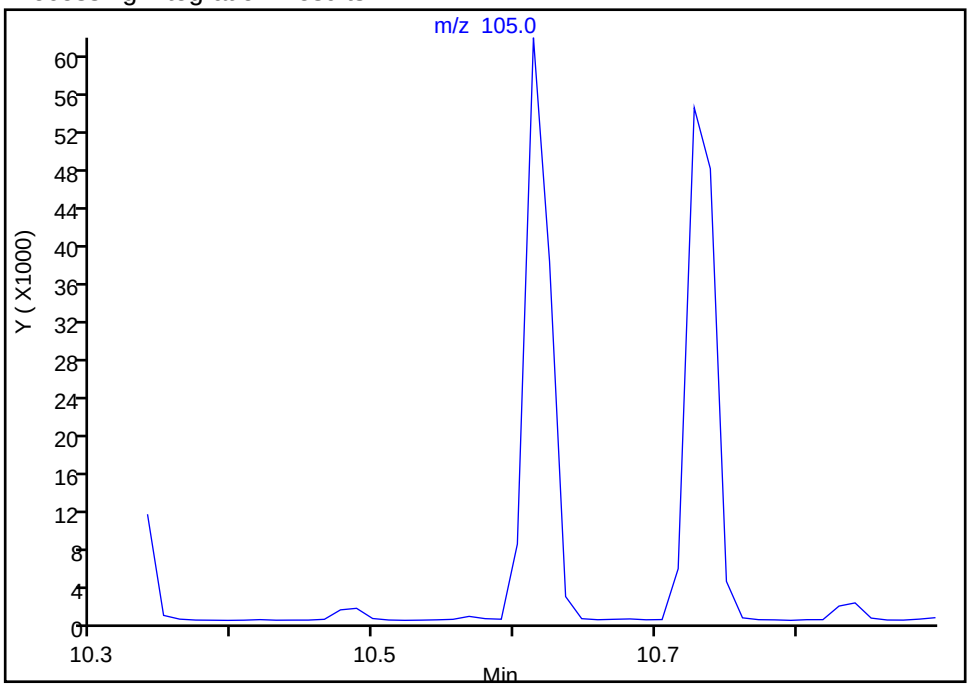
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D		
Injection Date:	15-Aug-2020 06:03:30	Instrument ID:	CVOAMS8
Lims ID:	STD20		
Client ID:			
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

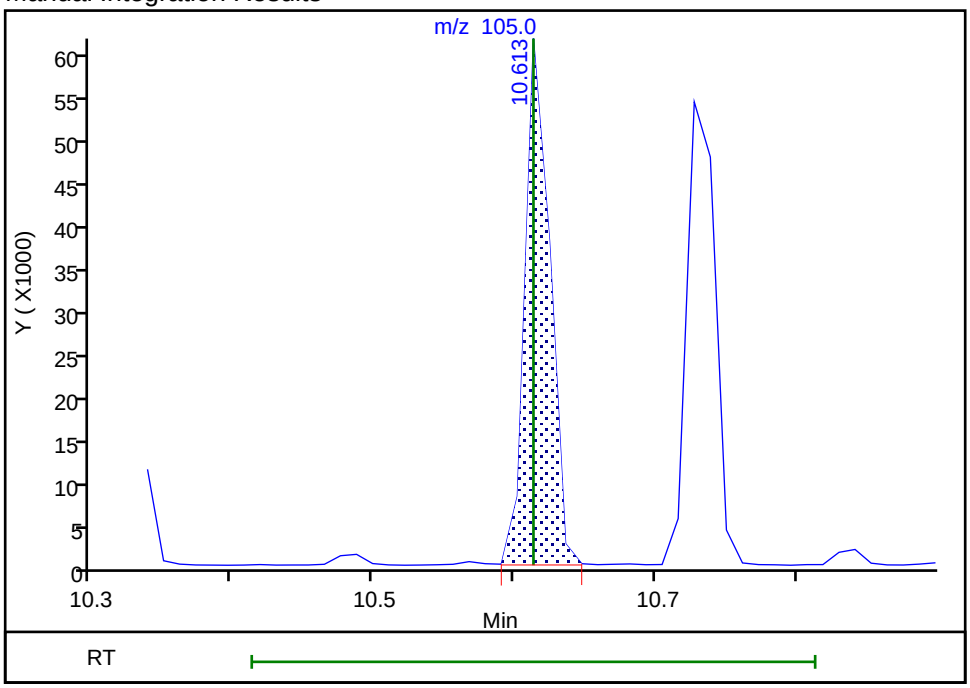
Not Detected
Expected RT: 10.61

Processing Integration Results



Manual Integration Results

RT: 10.61
Area: 75069
Amount: 19.312051
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:01:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

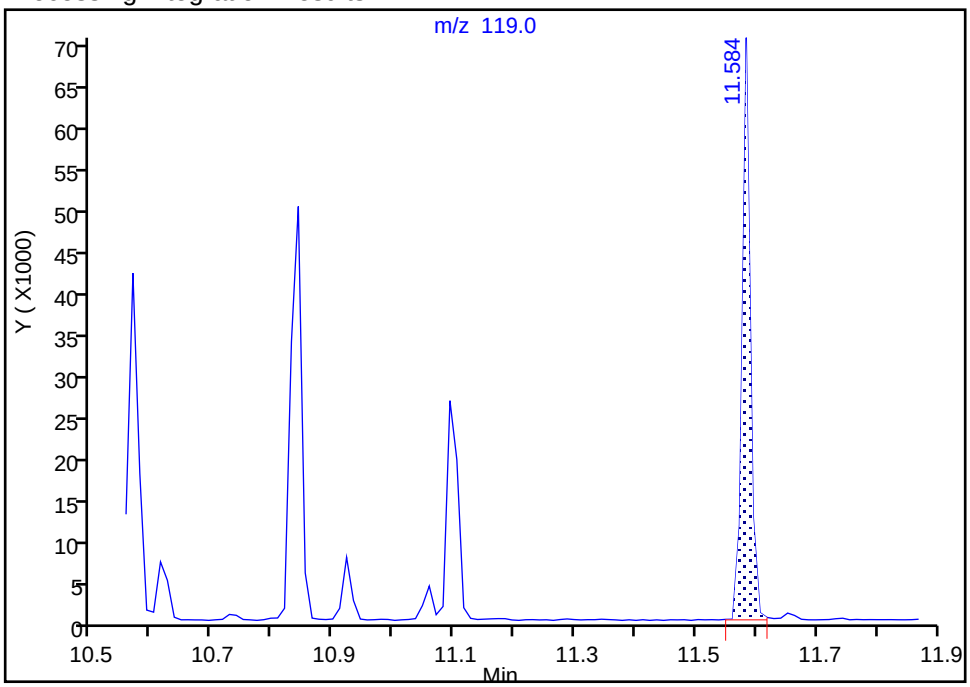
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

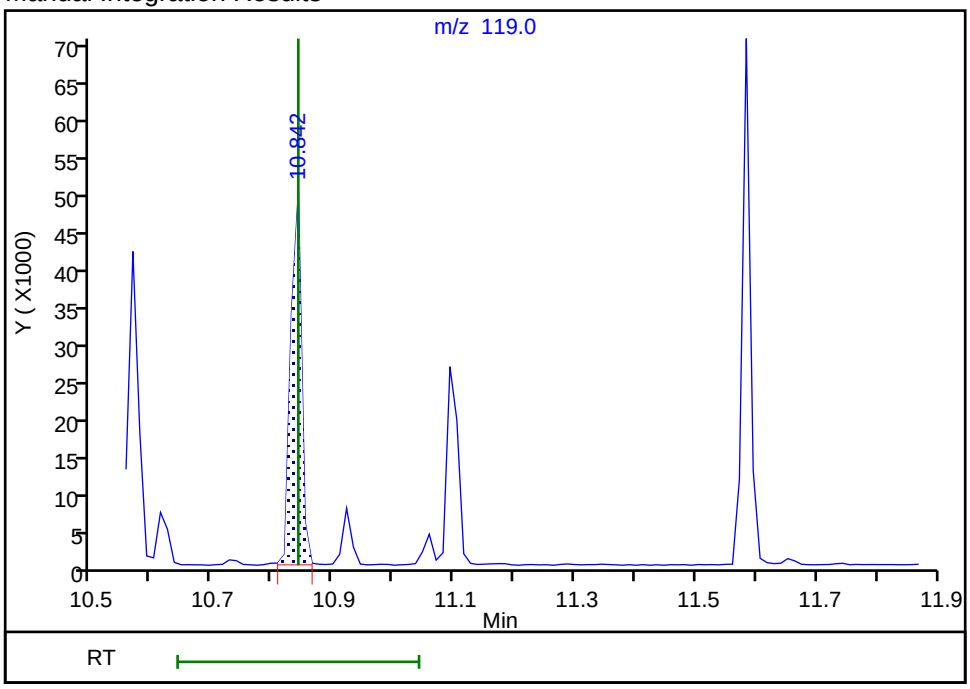
Processing Integration Results

RT: 11.58
Area: 65445
Amount: 19.840485
Amount Units: ug/l



Manual Integration Results

RT: 10.84
Area: 62343
Amount: 18.663005
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:01:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

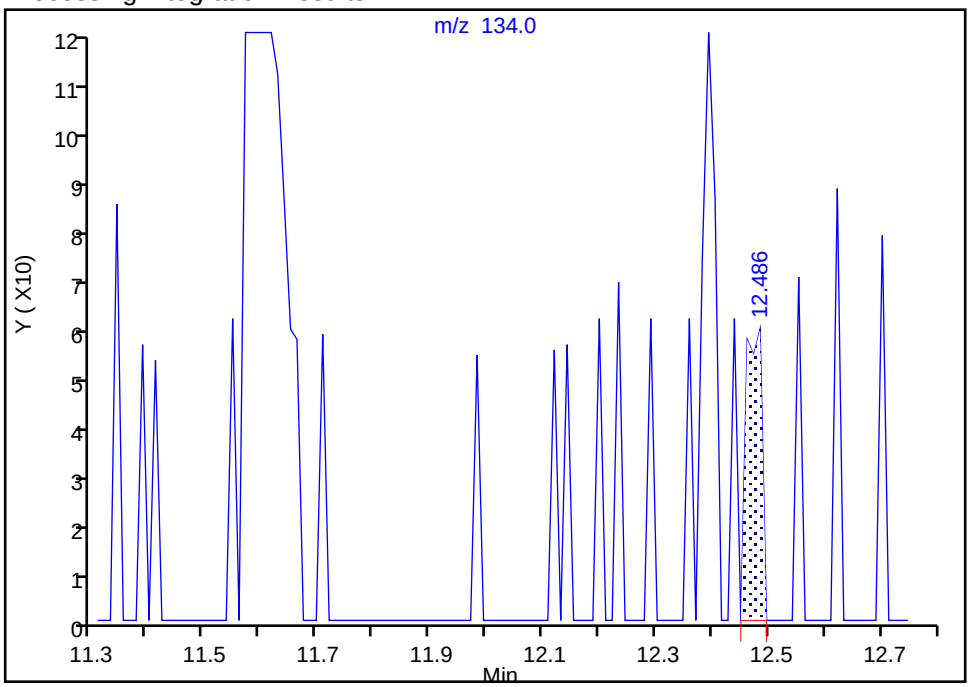
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Signal: 2

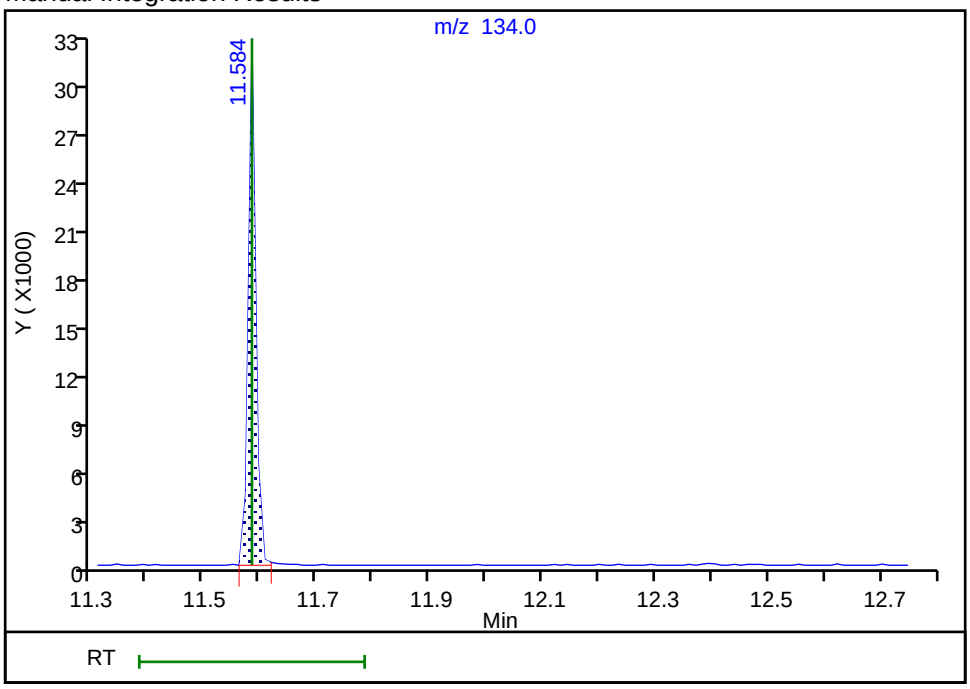
Processing Integration Results

RT: 12.49
Area: 110
Amount: 10.509354
Amount Units: ug/l



Manual Integration Results

RT: 11.58
Area: 30312
Amount: 19.962908
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:19:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

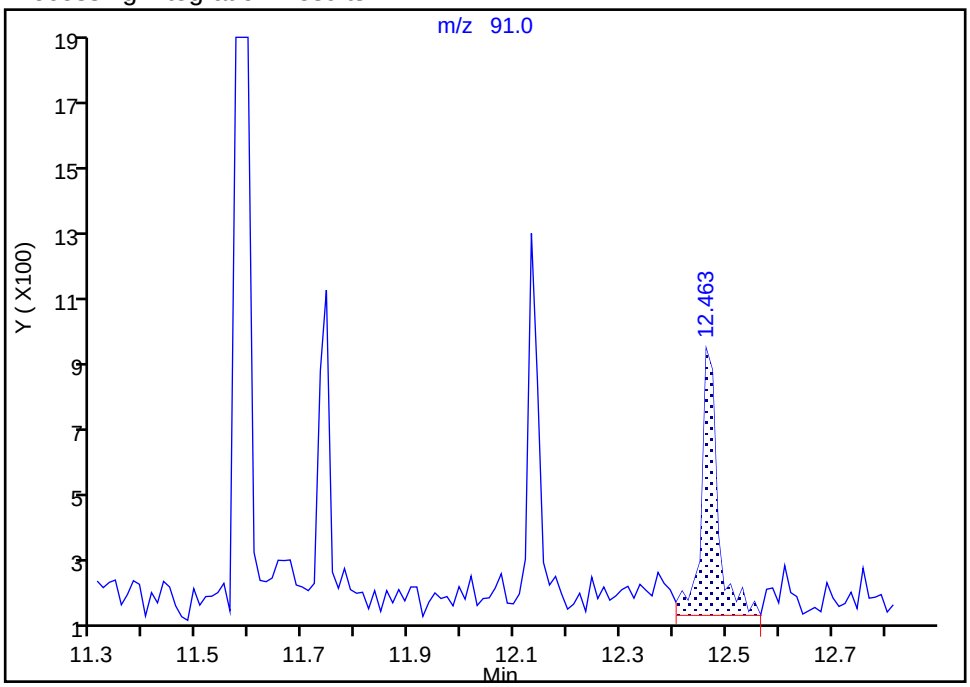
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Signal: 3

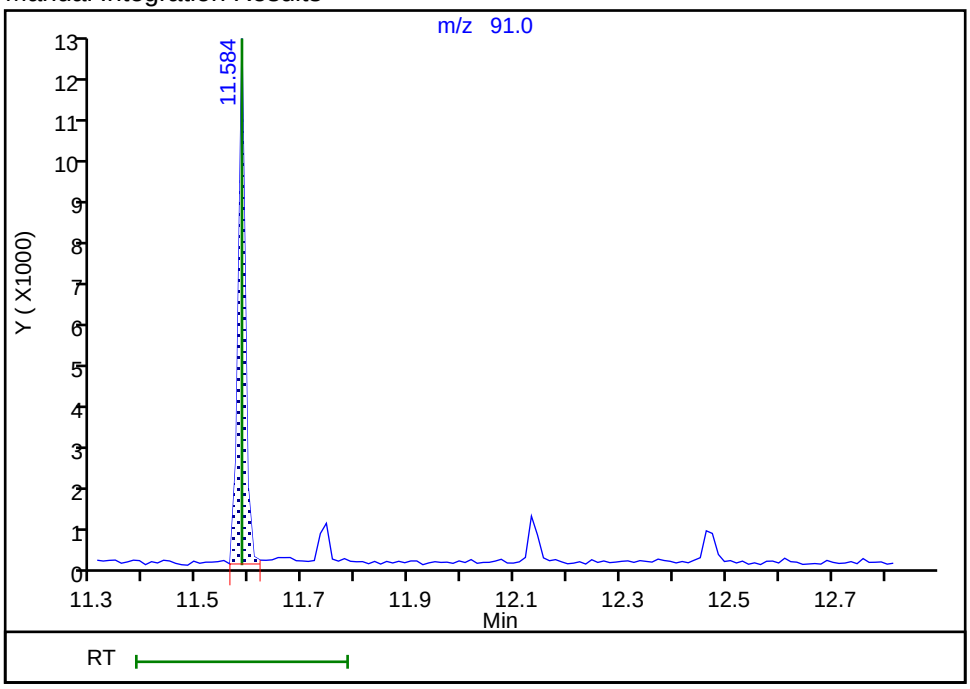
Processing Integration Results

RT: 12.46
Area: 1749
Amount: 10.509354
Amount Units: ug/l



Manual Integration Results

RT: 11.58
Area: 11841
Amount: 19.962908
Amount Units: ug/l



Reviewer: boykink, 15-Aug-2020 19:19:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

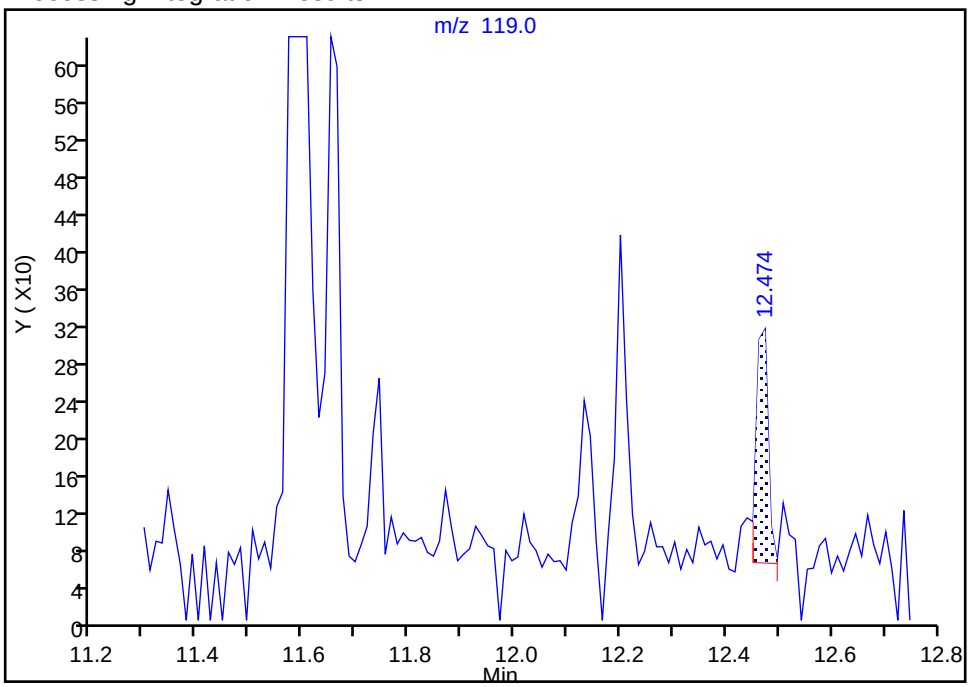
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04655.D
Injection Date: 15-Aug-2020 06:03:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Signal: 1

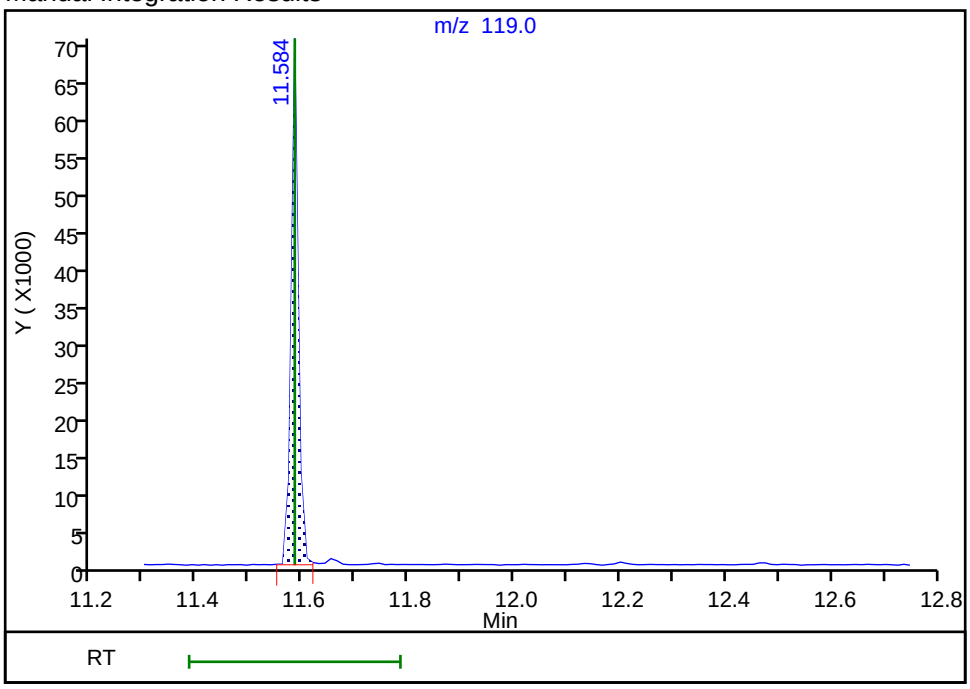
Processing Integration Results

RT: 12.47
Area: 398
Amount: 10.509354
Amount Units: ug/l



Manual Integration Results

RT: 11.58
Area: 65488
Amount: 19.962908
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 11:01:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04656.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 15-Aug-2020 06:27:30 ALS Bottle#: 16 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0115118-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:10:32 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: baronm Date: 16-Aug-2020 10:58:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.298	1.309	-0.011	88	4338	50.0	87.2	
3 Dichlorodifluoromethane	85	1.333	1.332	0.001	99	95053	50.0	48.8	
4 1,1-Difluoroethane	65	1.344	1.343	0.001	86	39520	50.0	54.9	a
5 Chlorodifluoromethane	67	1.378	1.377	0.001	98	15712	50.0	69.8	
6 Chloromethane	50	1.527	1.526	0.001	99	149893	50.0	48.0	
7 Vinyl chloride	62	1.584	1.583	0.001	98	130562	50.0	48.2	
8 Butadiene	54	1.607	1.606	0.001	95	121251	50.0	47.5	
9 Bromomethane	94	1.858	1.868	-0.010	99	35708	50.0	36.7	
10 Chloroethane	64	1.938	1.948	-0.010	98	69155	50.0	46.5	
12 Dichlorofluoromethane	67	2.109	2.108	0.001	94	189667	50.0	47.5	
11 Trichlorofluoromethane	101	2.109	2.119	-0.010	87	141396	50.0	48.7	
13 Pentane	72	2.155	2.165	-0.010	96	15941	100.0	98.8	
14 Ethanol	46	2.314	2.313	0.001	98	30052	2000.0	1901.7	
15 Ethyl ether	59	2.349	2.359	-0.010	95	98060	50.0	48.3	
16 2-Methyl-1,3-butadiene	53	2.360	2.370	-0.010	95	104106	50.0	47.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.394	2.393	0.001	98	60437	50.0	47.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.450	0.001	98	130571	50.0	47.9	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.508	2.507	0.001	92	63927	50.0	47.4	
20 Acrolein	56	2.520	2.519	0.001	97	34750	100.0	92.3	
21 1,1-Dichloroethene	96	2.543	2.542	0.001	91	74192	50.0	47.6	
22 Acetone	43	2.645	2.644	0.001	85	216331	250.0	233.8	
23 Iodomethane	142	2.691	2.702	-0.011	97	79046	50.0	40.4	
24 Carbon disulfide	76	2.725	2.724	0.001	100	320179	50.0	47.8	
25 Isopropyl alcohol	45	2.737	2.736	0.001	99	107225	500.0	460.6	
26 3-Chloro-1-propene	76	2.862	2.861	0.001	93	58849	50.0	49.5	
27 Cyclopentene	67	2.874	2.873	0.001	96	238298	50.0	49.0	
28 Methyl acetate	43	2.874	2.884	-0.010	98	236967	100.0	96.7	
29 Acetonitrile	41	2.931	2.941	-0.010	97	204898	500.0	460.8	
30 Methylene Chloride	84	2.988	2.987	0.001	95	99787	50.0	48.4	
* 31 TBA-d9 (IS)	65	2.988	2.987	0.001	93	297901	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.056	3.055	0.001	99	151885	500.0	453.9	
33 Methyl tert-butyl ether	73	3.148	3.147	0.001	97	334422	50.0	48.7	
34 trans-1,2-Dichloroethene	96	3.159	3.170	-0.011	95	89071	50.0	48.1	
35 Acrylonitrile	53	3.251	3.250	0.001	93	519662	500.0	498.1	
36 Hexane	57	3.319	3.318	0.001	93	69581	50.0	49.9	
37 Isopropyl ether	45	3.536	3.546	-0.010	96	483006	50.0	49.7	
38 1,1-Dichloroethane	63	3.559	3.569	-0.010	99	220435	50.0	48.8	
39 Vinyl acetate	43	3.582	3.592	-0.010	100	684805	100.0	98.6	
40 2-Chloro-1,3-butadiene	88	3.604	3.615	-0.011	95	82194	50.0	48.0	
41 Tert-butyl ethyl ether	59	3.856	3.855	0.001	86	408630	50.0	49.8	
* 43 2-Butanone-d5	46	4.061	4.060	0.001	97	390942	250.0	250.0	
42 2,2-Dichloropropane	79	4.050	4.060	-0.010	93	50685	50.0	45.4	
44 cis-1,2-Dichloroethene	96	4.084	4.083	0.001	90	102166	50.0	47.6	
46 2-Butanone (MEK)	72	4.118	4.117	0.001	94	70719	250.0	241.6	
45 Ethyl acetate	70	4.118	4.117	0.001	94	28902	100.0	98.7	
47 Methyl acrylate	55	4.164	4.163	0.001	99	129821	50.0	48.2	
48 Propionitrile	54	4.244	4.243	0.001	97	208364	500.0	496.7	
49 Chlorobromomethane	128	4.312	4.311	0.001	91	42848	50.0	44.1	
50 Tetrahydrofuran	72	4.312	4.323	-0.011	92	33011	100.0	93.4	
51 Methacrylonitrile	67	4.347	4.346	0.001	97	537497	500.0	509.0	
52 Chloroform	83	4.358	4.368	-0.010	97	193424	50.0	49.4	
53 Cyclohexane	84	4.484	4.483	0.001	97	77607	50.0	43.3	
54 1,1,1-Trichloroethane	97	4.495	4.505	-0.010	97	150423	50.0	44.7	
$ 55 Dibromofluoromethane (Surr)	113	4.518	4.517	0.001	93	93585	50.0	49.2	
56 Carbon tetrachloride	117	4.621	4.620	0.001	97	119093	50.0	47.0	
57 1,1-Dichloropropene	75	4.655	4.654	0.001	91	138502	50.0	47.0	
59 Isobutyl alcohol	43	4.803	4.802	0.001	97	225358	1250.0	1229.8	
58 Isooctane	57	4.815	4.825	-0.010	94	178066	50.0	49.7	
60 Benzene	78	4.849	4.859	-0.010	98	415903	50.0	48.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.872	4.871	0.001	0	149821	50.0	49.7	
62 Tert-amyl methyl ether	55	4.929	4.928	0.001	64	112841	50.0	56.8	
63 Isopropyl acetate	43	4.929	4.928	0.001	94	498521	50.0	49.1	
64 1,2-Dichloroethane	62	4.952	4.951	0.001	97	183664	50.0	47.8	
65 n-Heptane	57	5.009	5.008	0.001	98	36369	50.0	42.7	
* 66 Fluorobenzene	96	5.146	5.145	0.001	96	410544	50.0	50.0	
68 n-Butanol	56	5.477	5.476	0.001	96	96897	1250.0	1074.3	
67 Trichloroethene	95	5.500	5.499	0.001	92	93445	50.0	47.4	
69 Methylcyclohexane	83	5.614	5.613	0.001	81	65409	50.0	46.2	
70 Ethyl acrylate	55	5.637	5.636	0.001	99	240971	50.0	45.8	
71 1,2-Dichloropropane	63	5.797	5.795	0.001	86	117451	50.0	47.0	
* 72 1,4-Dioxane-d8	96	5.865	5.864	0.001	0	24270	1000.0	1000.0	
73 Methyl methacrylate	100	5.876	5.887	-0.011	93	50562	100.0	96.1	
74 Dibromomethane	93	5.922	5.921	0.001	89	69141	50.0	46.0	
75 1,4-Dioxane	88	5.922	5.921	0.001	51	25288	1000.0	942.8	
76 n-Propyl acetate	43	5.945	5.944	0.001	98	226020	50.0	49.0	
77 Dichlorobromomethane	83	6.071	6.069	0.001	98	142011	50.0	48.9	
79 2-Nitropropane	41	6.424	6.423	0.001	83	89027	100.0	91.1	
78 2-Chloroethyl vinyl ether	63	6.424	6.423	0.001	66	82817	50.1	48.4	
80 Epichlorohydrin	57	6.527	6.538	-0.011	99	258497	1000.0	989.1	
81 cis-1,3-Dichloropropene	75	6.584	6.583	0.001	97	173069	50.0	48.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.756	6.766	-0.010	98	723021	250.0	248.7	
$ 83 Toluene-d8 (Surr)	98	6.824	6.834	-0.010	97	306822	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.904	6.903	0.001	92	356487	50.0	47.5	
85 trans-1,3-Dichloropropene	75	7.258	7.268	-0.010	96	164714	50.0	48.1	
86 Ethyl methacrylate	69	7.304	7.303	0.002	96	146874	50.0	48.3	
87 1,1,2-Trichloroethane	83	7.475	7.485	-0.010	93	80355	50.0	47.8	
88 Tetrachloroethene	166	7.520	7.519	0.001	91	56238	50.0	48.4	
89 1,3-Dichloropropane	76	7.692	7.691	0.001	97	156409	50.0	48.9	
90 2-Hexanone	58	7.772	7.771	0.001	98	239708	250.0	246.5	
91 n-Butyl acetate	43	7.886	7.885	0.001	96	230606	50.0	49.3	
92 Chlorodibromomethane	129	7.920	7.919	0.001	96	93724	50.0	47.8	
93 Ethylene Dibromide	107	8.080	8.079	0.001	98	91554	50.0	49.1	
* 94 Chlorobenzene-d5	117	8.628	8.638	-0.010	90	270317	50.0	50.0	
95 Chlorobenzene	112	8.674	8.673	0.001	90	199604	50.0	48.0	
96 Ethylbenzene	106	8.776	8.775	0.001	99	93164	50.0	47.8	
97 1,1,1,2-Tetrachloroethane	131	8.788	8.798	-0.010	91	78277	50.0	48.2	
98 m-Xylene & p-Xylene	106	8.936	8.947	-0.011	0	111068	50.0	48.7	
99 o-Xylene	106	9.427	9.426	0.001	91	114243	50.0	48.0	
100 n-Butyl acrylate	73	9.416	9.426	-0.010	94	85718	50.0	47.7	
101 Styrene	104	9.461	9.460	0.001	91	210285	50.0	48.2	
103 Amyl acetate (mixed isomers)	43	9.655	9.666	-0.011	87	245022	50.0	47.3	
102 Bromoform	173	9.667	9.666	0.001	57	61432	50.0	48.6	
104 Isopropylbenzene	105	9.792	9.791	0.001	98	218768	50.0	48.0	
$ 105 4-Bromofluorobenzene	174	9.975	9.985	-0.010	83	72407	50.0	48.6	
106 Bromobenzene	156	10.101	10.100	0.001	95	77508	50.0	47.9	
107 1,1,2,2-Tetrachloroethane	83	10.146	10.145	0.001	98	118260	50.0	46.8	
108 N-Propylbenzene	91	10.169	10.168	0.001	98	266002	50.0	47.8	
109 1,2,3-Trichloropropane	110	10.181	10.191	-0.010	94	30256	50.0	45.1	
110 trans-1,4-Dichloro-2-butene	53	10.203	10.202	0.001	88	44806	50.0	47.5	
111 2-Chlorotoluene	91	10.260	10.259	0.001	96	212895	50.0	47.3	
112 4-Ethyltoluene	105	10.272	10.271	0.001	97	214137	50.0	47.8	
113 1,3,5-Trimethylbenzene	105	10.329	10.328	0.001	91	177560	50.0	47.5	
114 4-Chlorotoluene	91	10.352	10.351	0.001	99	210161	50.0	48.3	
115 Butyl Methacrylate	87	10.409	10.408	0.001	98	115275	50.0	48.2	
116 tert-Butylbenzene	119	10.569	10.568	0.001	90	127402	50.0	46.7	
117 1,2,4-Trimethylbenzene	105	10.614	10.613	0.001	99	195883	50.0	49.1	
118 sec-Butylbenzene	105	10.729	10.728	0.001	98	185346	50.0	47.2	
120 1,3-Dichlorobenzene	146	10.831	10.842	-0.011	90	111104	50.0	47.8	
119 4-Isopropyltoluene	119	10.843	10.842	0.001	97	157416	50.0	45.9	
* 121 1,4-Dichlorobenzene-d4	152	10.888	10.887	0.001	97	104205	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.911	10.910	0.001	92	116675	50.0	47.3	
123 1,2,3-Trimethylbenzene	105	10.923	10.922	0.001	99	211320	50.0	49.0	
124 Benzyl chloride	91	11.014	11.013	0.001	97	210134	50.0	48.5	
125 2,3-Dihydroindene	117	11.060	11.059	0.001	94	218778	50.0	48.5	
126 p-Diethylbenzene	119	11.094	11.093	0.001	89	82472	50.0	48.5	
127 n-Butylbenzene	92	11.117	11.116	0.001	97	85293	50.0	47.4	
128 1,2-Dichlorobenzene	146	11.162	11.161	0.001	94	121016	50.0	49.4	
129 1,2,4,5-Tetramethylbenzene	119	11.585	11.584	0.001	96	166687	50.0	49.5	
130 1,2-Dibromo-3-Chloropropane	157	11.653	11.652	0.001	89	22139	50.0	48.3	
131 1,3,5-Trichlorobenzene	180	11.745	11.744	0.001	96	60812	50.0	48.8	
132 1,2,4-Trichlorobenzene	180	12.144	12.143	0.001	94	58279	50.0	47.6	
133 Hexachlorobutadiene	225	12.201	12.200	0.001	90	23314	50.0	47.6	
134 Naphthalene	128	12.316	12.314	0.002	99	220199	50.0	47.8	
135 1,2,3-Trichlorobenzene	180	12.475	12.474	0.001	94	58075	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	95.6	
S 137 Xylenes, Total	100				0		100.0	96.7	
S 138 Total BTEX	1				0		250.0	240.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00381	Amount Added:	50.00	Units: uL	
ACROLEIN W_00110	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	50.00	Units: uL	
524freon_00026	Amount Added:	50.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 16-Aug-2020 12:10:35 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04656.D

Injection Date: 15-Aug-2020 06:27:30 Instrument ID: CVOAMS8 Operator ID:

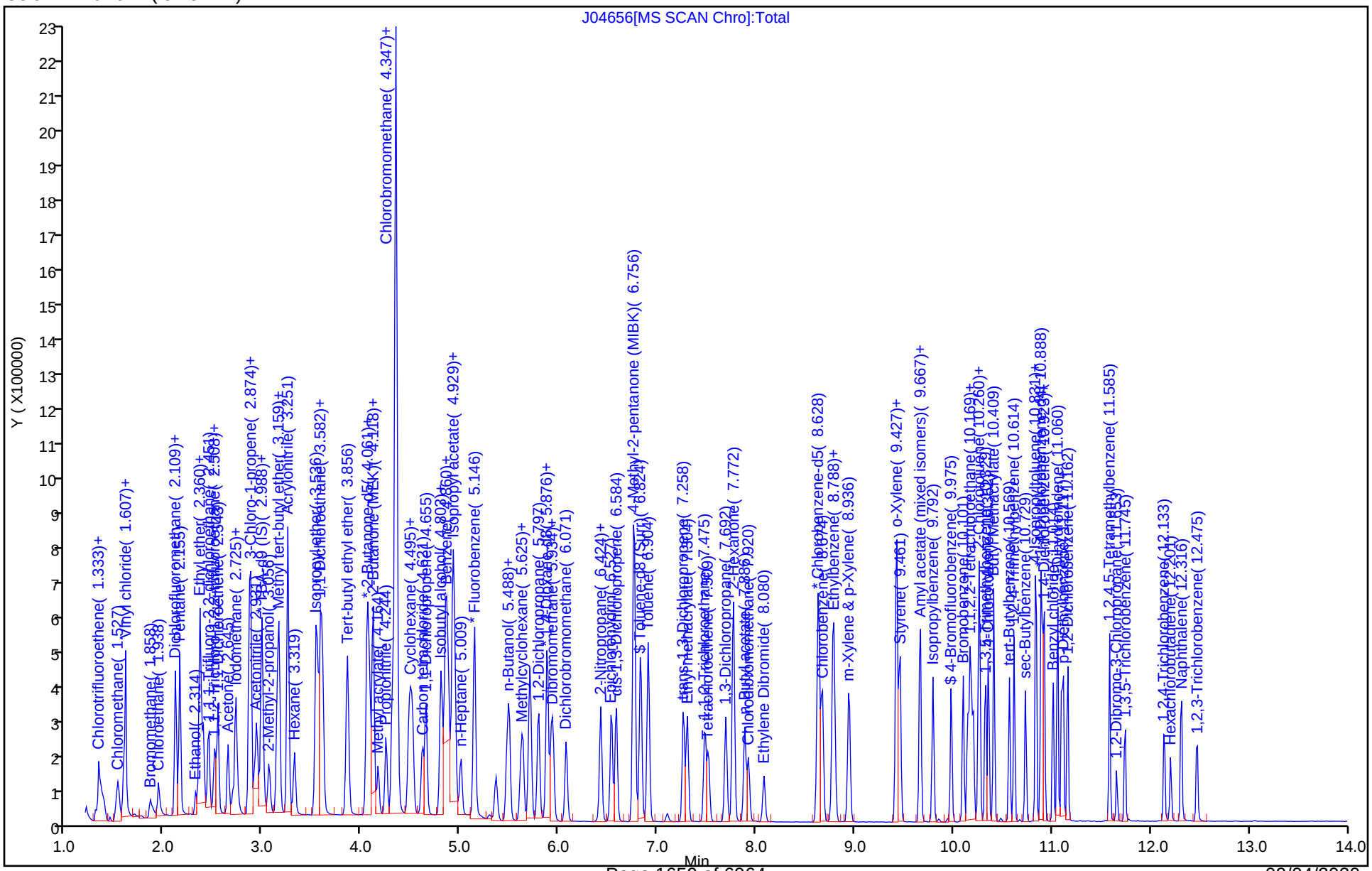
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

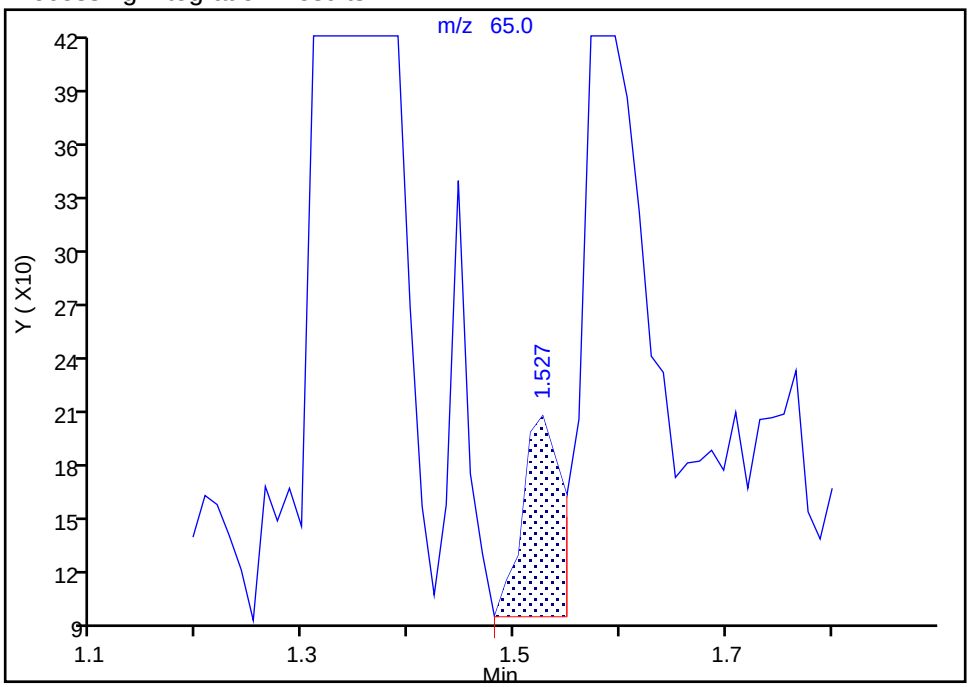
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04656.D
Injection Date: 15-Aug-2020 06:27:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

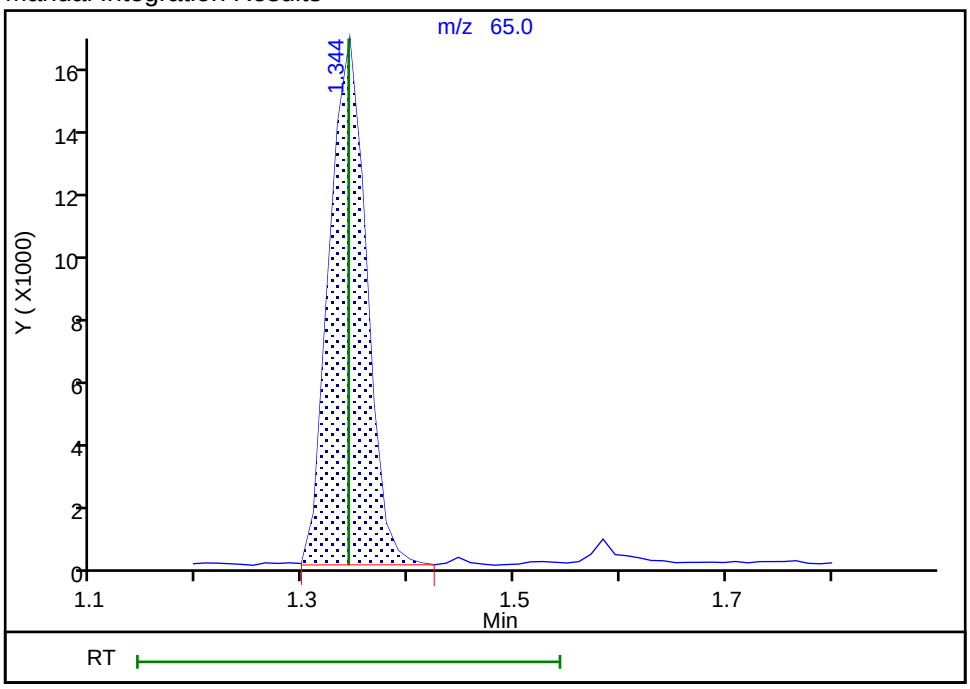
Processing Integration Results

RT: 1.53
Area: 290
Amount: 0.547128
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 39520
Amount: 54.851859
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:58:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04657.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 15-Aug-2020 06:52:30 ALS Bottle#: 17 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0115118-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:10:47 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: baronm Date: 16-Aug-2020 10:54:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.309	1.309	0.000	88	2352	200.0	47.9	
3 Dichlorodifluoromethane	85	1.332	1.332	0.000	99	362221	200.0	188.3	
4 1,1-Difluoroethane	65	1.343	1.343	0.000	95	66772	200.0	93.9	a
5 Chlorodifluoromethane	67	1.377	1.377	0.000	98	41564	200.0	190.4	
6 Chloromethane	50	1.526	1.526	0.000	99	567422	200.0	184.1	
7 Vinyl chloride	62	1.583	1.583	0.000	98	492012	200.0	184.0	
8 Butadiene	54	1.606	1.606	0.000	95	462261	200.0	183.4	
9 Bromomethane	94	1.857	1.868	-0.011	98	185988	200.0	193.9	
10 Chloroethane	64	1.937	1.948	-0.011	98	271066	200.0	184.6	
12 Dichlorofluoromethane	67	2.108	2.108	0.000	98	742170	200.0	188.2	
11 Trichlorofluoromethane	101	2.119	2.119	0.000	98	544346	200.0	190.0	
13 Pentane	72	2.154	2.165	-0.011	95	63594	400.0	392.0	
14 Ethanol	46	2.314	2.313	0.001	97	120652	8000.0	7590.9	
15 Ethyl ether	59	2.348	2.359	-0.011	95	385494	200.0	192.3	
16 2-Methyl-1,3-butadiene	53	2.371	2.370	0.001	92	411572	200.0	190.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.393	2.393	0.000	98	238824	200.0	190.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.450	0.001	97	531813	200.0	197.8	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.508	2.507	0.001	92	265593	200.0	199.6	
20 Acrolein	56	2.519	2.519	0.000	97	74405	200.0	196.4	
21 1,1-Dichloroethene	96	2.542	2.542	0.000	91	302350	200.0	196.5	
22 Acetone	43	2.645	2.644	0.001	85	948789	1000.0	1033.1	
23 Iodomethane	142	2.690	2.702	-0.012	96	392130	200.0	205.1	
24 Carbon disulfide	76	2.725	2.724	0.001	100	1296460	200.0	196.0	
25 Isopropyl alcohol	45	2.736	2.736	0.000	99	427472	2000.0	1825.9	
26 3-Chloro-1-propene	76	2.862	2.861	0.001	89	213132	200.0	181.5	
27 Cyclopentene	67	2.873	2.873	0.000	95	940982	200.0	195.8	
28 Methyl acetate	43	2.884	2.884	0.000	98	911055	400.0	376.7	
29 Acetonitrile	41	2.930	2.941	-0.011	98	838108	2000.0	1874.2	
30 Methylene Chloride	84	2.987	2.987	0.000	95	396485	200.0	194.9	
* 31 TBA-d9 (IS)	65	2.987	2.987	0.000	76	299628	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.056	3.055	0.001	99	623528	2000.0	1852.7	
33 Methyl tert-butyl ether	73	3.147	3.147	0.000	97	1329674	200.0	196.0	
34 trans-1,2-Dichloroethene	96	3.170	3.170	0.000	95	353542	200.0	193.3	
35 Acrylonitrile	53	3.250	3.250	0.000	93	2005399	2000.0	1911.2	
36 Hexane	57	3.318	3.318	0.000	93	287136	200.0	208.4	
37 Isopropyl ether	45	3.535	3.546	-0.011	97	1876372	200.0	195.5	
38 1,1-Dichloroethane	63	3.569	3.569	0.000	99	880620	200.0	197.6	
39 Vinyl acetate	43	3.581	3.592	-0.011	100	2709585	400.0	395.3	
40 2-Chloro-1,3-butadiene	88	3.604	3.615	-0.011	94	328694	200.0	194.3	
41 Tert-butyl ethyl ether	59	3.855	3.855	0.000	86	1595379	200.0	197.1	
* 43 2-Butanone-d5	46	4.060	4.060	0.000	84	388103	250.0	250.0	
42 2,2-Dichloropropane	79	4.049	4.060	-0.011	95	204045	200.0	185.2	
44 cis-1,2-Dichloroethene	96	4.083	4.083	0.000	89	405104	200.0	191.0	
46 2-Butanone (MEK)	72	4.117	4.117	0.000	94	280468	1000.0	965.2	
45 Ethyl acetate	70	4.117	4.117	0.000	94	115394	400.0	400.5	
47 Methyl acrylate	55	4.163	4.163	0.000	99	518456	200.0	195.0	
48 Propionitrile	54	4.254	4.243	0.011	97	821684	2000.0	1947.5	
49 Chlorobromomethane	128	4.311	4.311	0.000	90	166544	200.0	173.7	
50 Tetrahydrofuran	72	4.311	4.323	-0.012	94	130736	400.0	372.7	
51 Methacrylonitrile	67	4.346	4.346	0.000	97	2019336	2000.0	1937.1	a
52 Chloroform	83	4.369	4.368	0.001	97	733221	200.0	189.7	
53 Cyclohexane	84	4.483	4.483	0.000	97	322801	200.0	182.5	
54 1,1,1-Trichloroethane	97	4.506	4.505	0.001	97	617168	200.0	185.6	
$ 55 Dibromofluoromethane (Surr)	113	4.517	4.517	0.000	94	94432	50.0	50.2	
56 Carbon tetrachloride	117	4.620	4.620	0.000	97	488642	200.0	195.3	
57 1,1-Dichloropropene	75	4.654	4.654	0.000	91	564459	200.0	193.8	
59 Isobutyl alcohol	43	4.802	4.802	0.000	96	901373	5000.0	4890.4	
58 Isooctane	57	4.814	4.825	-0.011	97	727635	200.0	205.5	
60 Benzene	78	4.848	4.859	-0.011	98	1648866	200.0	188.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.871	4.871	0.000	0	149991	50.0	50.4	
62 Tert-amyl methyl ether	55	4.928	4.928	0.000	78	383180	200.0	195.2	a
63 Isopropyl acetate	43	4.928	4.928	0.000	94	1983935	200.0	198.1	
64 1,2-Dichloroethane	62	4.951	4.951	0.000	96	718937	200.0	189.4	
65 n-Heptane	57	5.008	5.008	0.000	97	149200	200.0	177.4	
* 66 Fluorobenzene	96	5.145	5.145	0.000	96	405298	50.0	50.0	
68 n-Butanol	56	5.476	5.476	0.000	95	405072	5000.0	4465.3	
67 Trichloroethene	95	5.499	5.499	0.000	92	391097	200.0	200.9	
69 Methylcyclohexane	83	5.613	5.613	0.000	81	276059	200.0	197.6	
70 Ethyl acrylate	55	5.636	5.636	0.000	99	986919	200.0	190.0	
71 1,2-Dichloropropane	63	5.796	5.795	0.001	86	475517	200.0	192.6	
* 72 1,4-Dioxane-d8	96	5.864	5.864	0.000	0	26135	1000.0	1000.0	
73 Methyl methacrylate	100	5.887	5.887	0.000	93	210306	400.0	404.8	
74 Dibromomethane	93	5.921	5.921	0.000	89	290490	200.0	195.7	
75 1,4-Dioxane	88	5.921	5.921	0.000	43	108797	4000.0	3766.8	
76 n-Propyl acetate	43	5.944	5.944	0.000	99	916968	200.0	201.3	
77 Dichlorobromomethane	83	6.070	6.069	0.001	98	584867	200.0	203.9	
79 2-Nitropropane	41	6.424	6.423	0.001	83	361727	400.0	368.1	
78 2-Chloroethyl vinyl ether	63	6.424	6.423	0.001	66	332961	200.5	197.2	
80 Epichlorohydrin	57	6.538	6.538	0.000	99	1073359	4000.0	4137.1	
81 cis-1,3-Dichloropropene	75	6.583	6.583	0.000	98	721140	200.0	198.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.766	6.766	0.000	98	2959628	1000.0	1025.3	
$ 83 Toluene-d8 (Surr)	98	6.835	6.834	0.001	97	313603	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.903	6.903	0.000	92	1486618	200.0	194.4	
85 trans-1,3-Dichloropropene	75	7.268	7.268	0.000	96	685090	200.0	196.5	
86 Ethyl methacrylate	69	7.303	7.303	0.001	94	610658	200.0	203.2	
87 1,1,2-Trichloroethane	83	7.485	7.485	0.000	94	330676	200.0	193.1	
88 Tetrachloroethene	166	7.520	7.519	0.001	91	231029	200.0	195.3	
89 1,3-Dichloropropane	76	7.691	7.691	0.000	97	638526	200.0	196.1	
90 2-Hexanone	58	7.771	7.771	0.000	99	996805	1000.0	1032.7	
91 n-Butyl acetate	43	7.885	7.885	0.000	96	936985	200.0	196.5	
92 Chlorodibromomethane	129	7.919	7.919	0.000	96	394684	200.0	197.4	
93 Ethylene Dibromide	107	8.079	8.079	0.000	98	376197	200.0	197.9	
* 94 Chlorobenzene-d5	117	8.638	8.638	0.000	90	275468	50.0	50.0	
95 Chlorobenzene	112	8.673	8.673	0.000	89	833500	200.0	196.6	
96 Ethylbenzene	106	8.775	8.775	0.000	99	393419	200.0	198.2	
97 1,1,1,2-Tetrachloroethane	131	8.798	8.798	0.000	92	331280	200.0	200.4	
98 m-Xylene & p-Xylene	106	8.947	8.947	0.000	0	458948	200.0	197.6	
99 o-Xylene	106	9.426	9.426	0.000	91	482482	200.0	198.8	
100 n-Butyl acrylate	73	9.426	9.426	0.000	95	367711	200.0	200.7	
101 Styrene	104	9.460	9.460	0.000	90	893068	200.0	200.9	
102 Bromoform	173	9.666	9.666	0.000	56	271358	200.0	210.6	
103 Amyl acetate (mixed isomers)	43	9.666	9.666	0.000	87	1033086	200.0	192.7	
104 Isopropylbenzene	105	9.792	9.791	0.001	98	926901	200.0	199.7	
$ 105 4-Bromofluorobenzene	174	9.986	9.985	0.001	88	75408	50.0	49.6	
106 Bromobenzene	156	10.100	10.100	0.000	94	326022	200.0	194.7	
107 1,1,2,2-Tetrachloroethane	83	10.145	10.145	0.000	98	517338	200.0	198.0	
108 N-Propylbenzene	91	10.168	10.168	0.000	98	1117667	200.0	193.9	
109 1,2,3-Trichloropropane	110	10.191	10.191	0.000	95	128171	200.0	184.5	
110 trans-1,4-Dichloro-2-butene	53	10.203	10.202	0.001	89	190598	200.0	195.3	
111 2-Chlorotoluene	91	10.260	10.259	0.001	97	922231	200.0	198.1	
112 4-Ethyltoluene	105	10.271	10.271	0.000	97	897748	200.0	193.8	
113 1,3,5-Trimethylbenzene	105	10.328	10.328	0.000	91	764581	200.0	197.8	
114 4-Chlorotoluene	91	10.351	10.351	0.000	99	910980	200.0	202.5	
115 Butyl Methacrylate	87	10.408	10.408	0.000	98	488639	200.0	197.4	
116 tert-Butylbenzene	119	10.568	10.568	0.000	90	548393	200.0	194.2	
117 1,2,4-Trimethylbenzene	105	10.614	10.613	0.001	99	822900	200.0	199.5	
118 sec-Butylbenzene	105	10.728	10.728	0.000	98	786123	200.0	193.5	
119 4-Isopropyltoluene	119	10.842	10.842	0.000	96	695088	200.0	196.0	
120 1,3-Dichlorobenzene	146	10.842	10.842	0.000	86	482264	200.0	200.7	
* 121 1,4-Dichlorobenzene-d4	152	10.888	10.887	0.001	97	107816	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.910	10.910	0.000	92	496377	200.0	194.7	
123 1,2,3-Trimethylbenzene	105	10.922	10.922	0.000	99	884581	200.0	198.2	
124 Benzyl chloride	91	11.013	11.013	0.000	98	883911	200.0	197.3	
125 2,3-Dihydroindene	117	11.059	11.059	0.000	94	914408	200.0	196.0	
126 p-Diethylbenzene	119	11.093	11.093	0.000	91	345097	200.0	196.1	
127 n-Butylbenzene	92	11.116	11.116	0.000	97	375178	200.0	201.4	
128 1,2-Dichlorobenzene	146	11.162	11.161	0.001	94	506794	200.0	200.0	
129 1,2,4,5-Tetramethylbenzene	119	11.584	11.584	0.000	96	687104	200.0	197.3	
130 1,2-Dibromo-3-Chloropropane	157	11.652	11.652	0.000	90	94196	200.0	198.5	
131 1,3,5-Trichlorobenzene	180	11.744	11.744	0.000	96	254193	200.0	197.0	
132 1,2,4-Trichlorobenzene	180	12.143	12.143	0.000	94	248176	200.0	195.9	
133 Hexachlorobutadiene	225	12.200	12.200	0.000	89	100757	200.0	198.7	
134 Naphthalene	128	12.315	12.314	0.001	98	926415	200.0	194.3	
135 1,2,3-Trichlorobenzene	180	12.474	12.474	0.000	94	239374	200.0	195.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	384.3	
S 137 Xylenes, Total	100				0		400.0	396.4	
S 138 Total BTEX	1				0		1000.0	977.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00043	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	20.00	Units: uL	
MIX I Hi_00128	Amount Added:	20.00	Units: uL	
GAS Hi_00368	Amount Added:	20.00	Units: uL	
ACROLEIN W_00110	Amount Added:	20.00	Units: uL	
8FreonHi_00022	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 16-Aug-2020 12:10:49 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04657.D

Injection Date: 15-Aug-2020 06:52:30 Instrument ID: CVOAMS8 Operator ID:

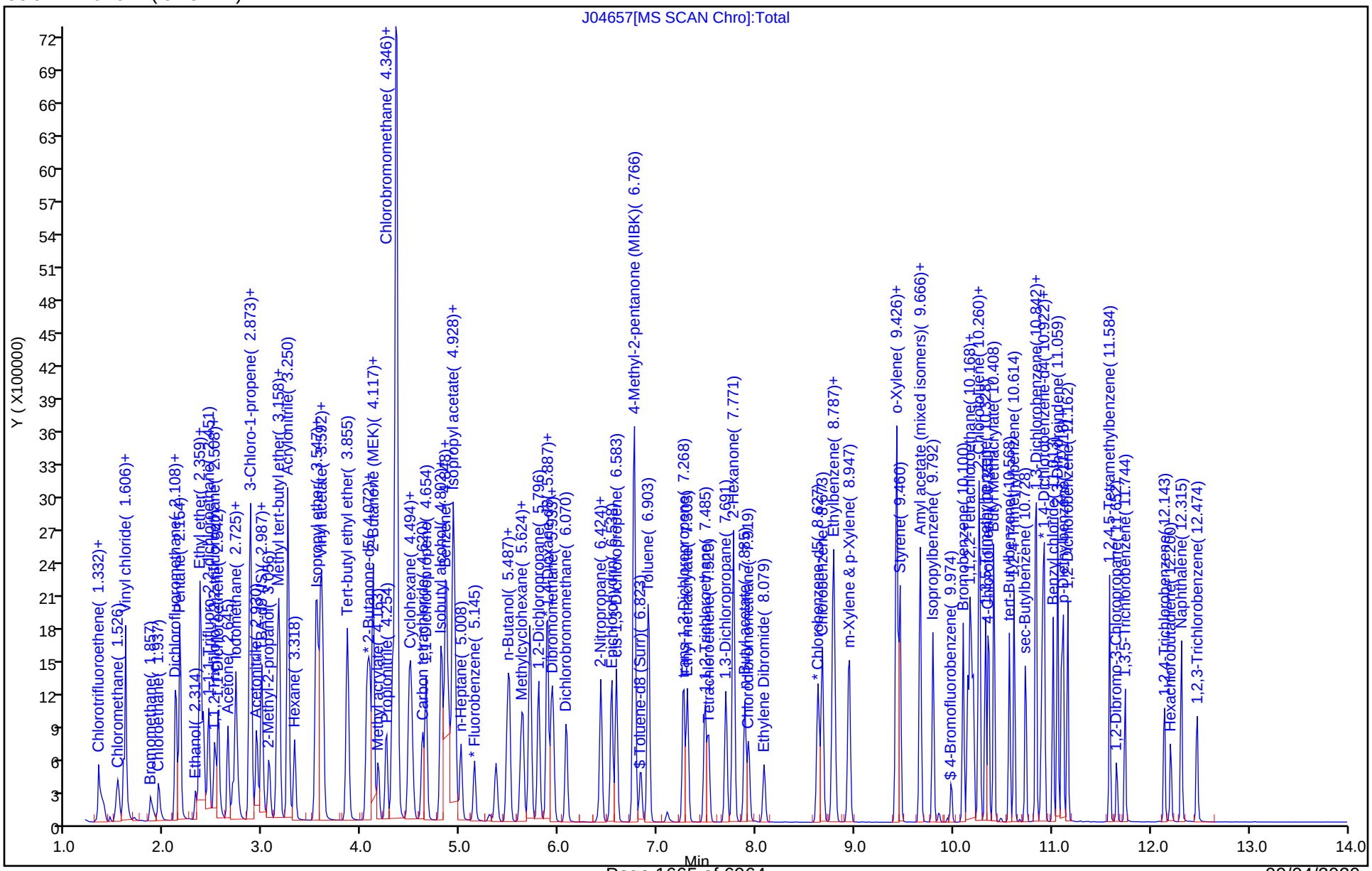
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

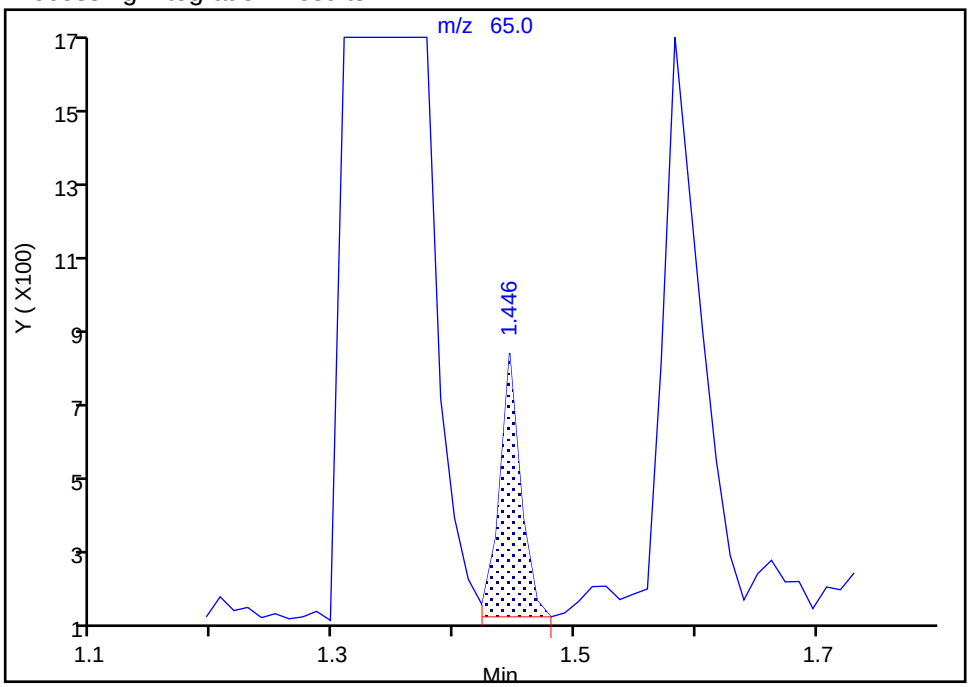
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04657.D
Injection Date: 15-Aug-2020 06:52:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

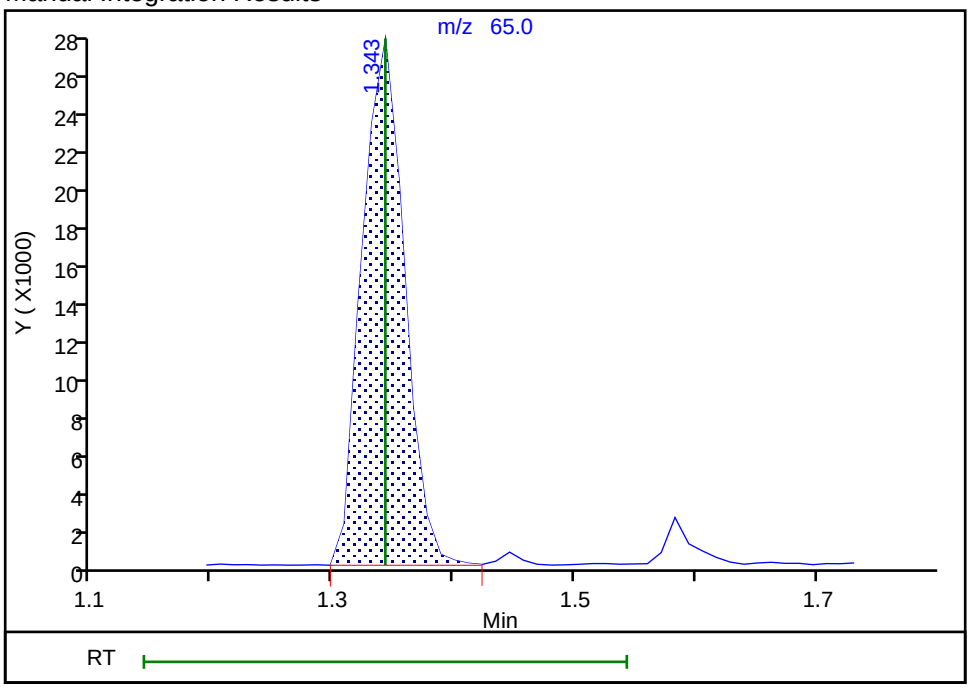
Processing Integration Results

RT: 1.45
Area: 822
Amount: 1.441559
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 66772
Amount: 93.875886
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:50:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

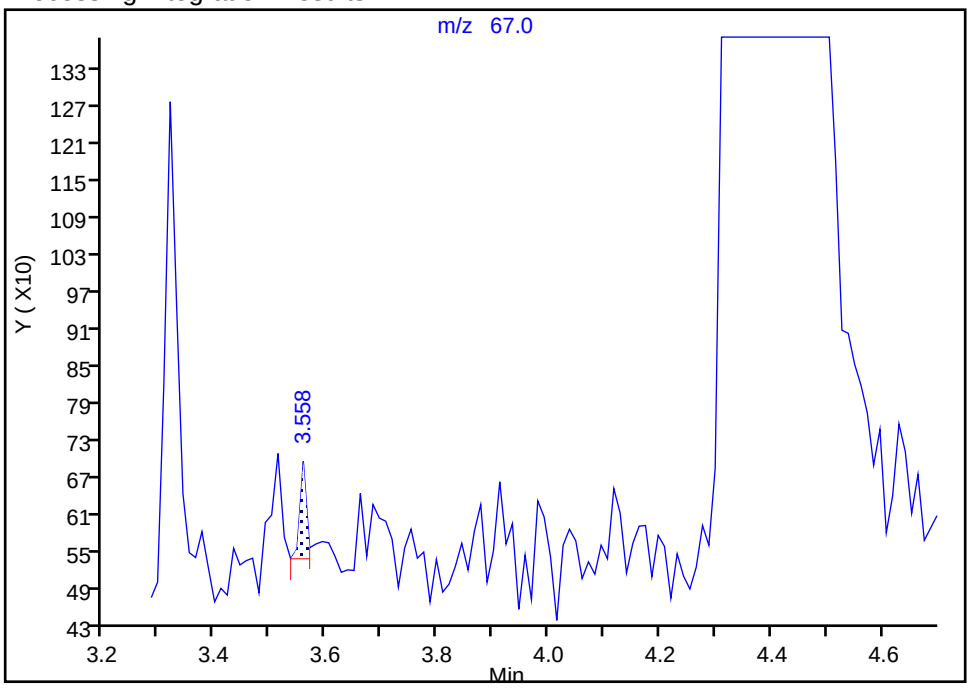
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04657.D
Injection Date: 15-Aug-2020 06:52:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Signal: 1

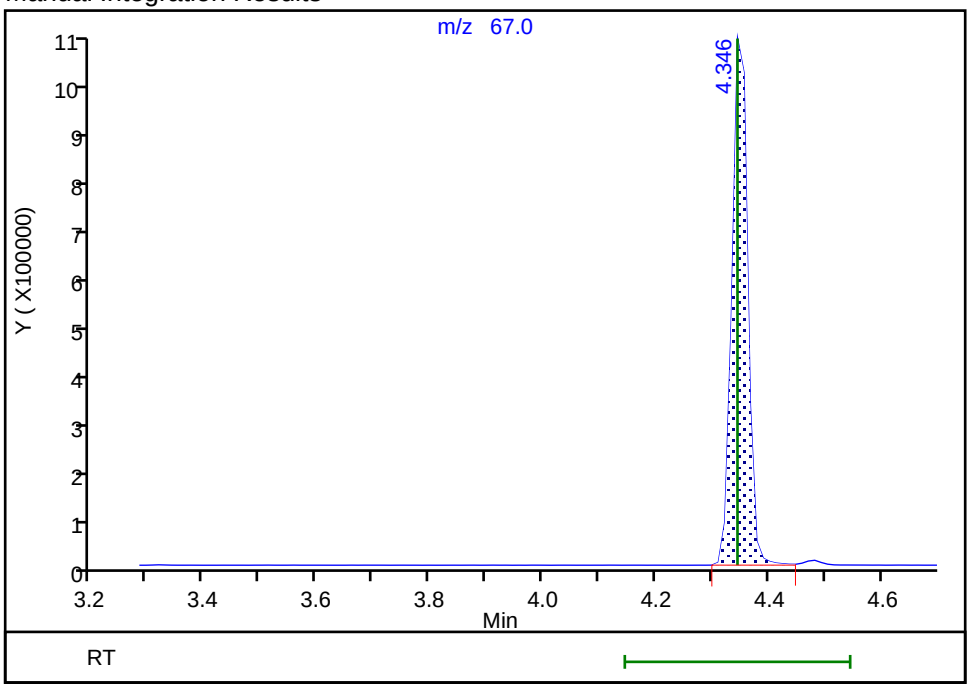
Processing Integration Results

RT: 3.56
Area: 131
Amount: 0.342245
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 2019336
Amount: 1937.1236
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:53:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

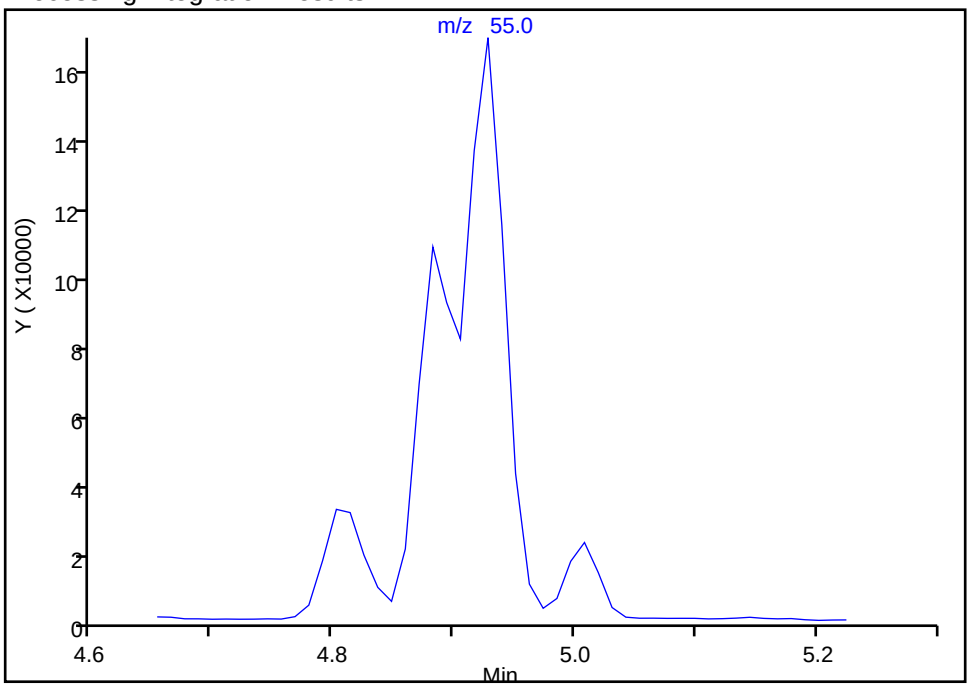
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04657.D
Injection Date: 15-Aug-2020 06:52:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

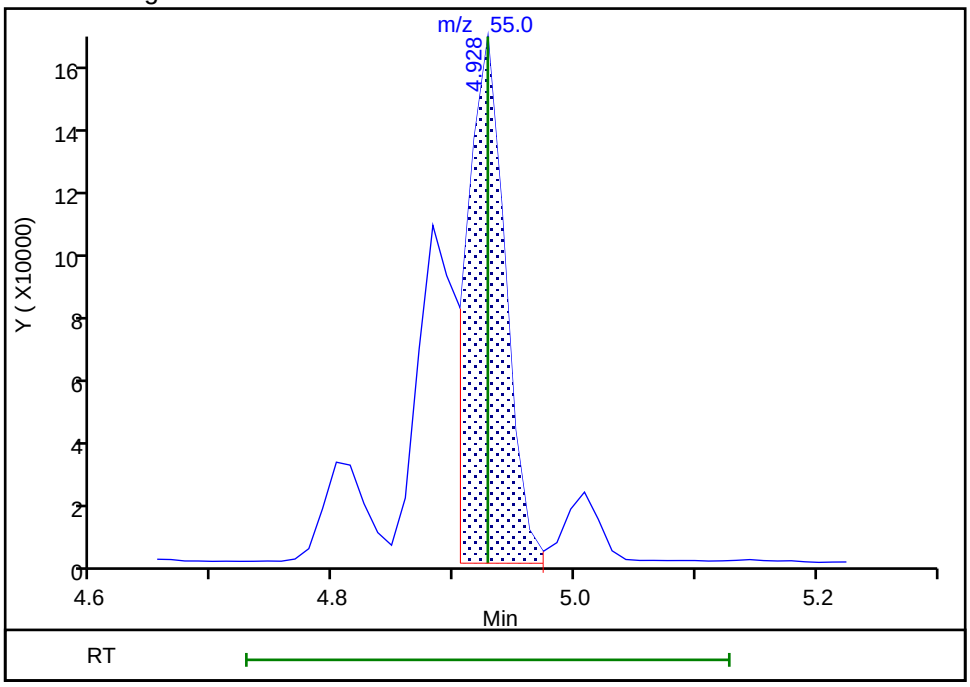
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.93
Area: 383180
Amount: 195.2182
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:52:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-Aug-2020 07:17:30 ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0115118-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:11:01 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: baronm Date: 16-Aug-2020 10:49:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.307	1.309	-0.002	86	6064	500.0	123.7	a
3 Dichlorodifluoromethane	85	1.330	1.332	-0.002	99	941841	500.0	490.4	
4 1,1-Difluoroethane	65	1.341	1.343	-0.002	88	167191	500.0	235.4	a
5 Chlorodifluoromethane	67	1.387	1.377	0.010	97	104109	500.0	501.5	
6 Chloromethane	50	1.524	1.526	-0.002	99	1456107	500.0	473.1	
7 Vinyl chloride	62	1.581	1.583	-0.002	98	1263199	500.0	473.1	
8 Butadiene	54	1.604	1.606	-0.002	94	1162628	500.0	462.1	
9 Bromomethane	94	1.878	1.868	0.010	99	220194	500.0	229.9	
10 Chloroethane	64	1.935	1.948	-0.013	98	648309	500.0	442.3	
12 Dichlorofluoromethane	67	2.106	2.108	-0.002	99	1840148	500.0	467.4	
11 Trichlorofluoromethane	101	2.117	2.119	-0.002	98	1353727	500.0	473.3	
13 Pentane	72	2.152	2.165	-0.013	96	150990	1000.0	992.9	
14 Ethanol	46	2.323	2.313	0.010	97	297608	20000	19977	a
15 Ethyl ether	59	2.357	2.359	-0.002	94	897332	500.0	448.4	
16 2-Methyl-1,3-butadiene	53	2.369	2.370	-0.001	94	939079	500.0	436.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.403	2.393	0.010	96	621762	500.0	497.8	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.449	2.450	-0.001	96	1286730	500.0	479.3	a
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.506	2.507	-0.001	92	663020	500.0	498.9	
20 Acrolein	56	2.517	2.519	-0.002	97	149409	400.0	420.9	
21 1,1-Dichloroethene	96	2.540	2.542	-0.002	90	752100	500.0	489.4	a
22 Acetone	43	2.643	2.644	-0.001	85	2096793	2500.0	2317.7	
23 Iodomethane	142	2.688	2.702	-0.014	97	936845	500.0	499.3	
24 Carbon disulfide	76	2.723	2.724	-0.001	100	3168417	500.0	479.9	
25 Isopropyl alcohol	45	2.745	2.736	0.009	98	1023468	5000.0	4664.0	a
26 3-Chloro-1-propene	76	2.860	2.861	-0.001	89	523993	500.0	446.9	
27 Cyclopentene	67	2.871	2.873	-0.002	90	2217291	500.0	462.2	a
28 Methyl acetate	43	2.882	2.884	-0.002	99	2170279	1000.0	898.8	
29 Acetonitrile	41	2.939	2.941	-0.002	98	2083588	5000.0	4971.0	
30 Methylene Chloride	84	2.985	2.987	-0.002	95	959140	500.0	472.1	
* 31 TBA-d9 (IS)	65	2.997	2.987	0.010	78	280840	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.065	3.055	0.010	98	1470508	5000.0	4661.6	
33 Methyl tert-butyl ether	73	3.145	3.147	-0.002	97	3194876	500.0	471.7	
34 trans-1,2-Dichloroethene	96	3.168	3.170	-0.002	95	859684	500.0	470.8	a
35 Acrylonitrile	53	3.259	3.250	0.009	92	4563086	5000.0	4639.6	
36 Hexane	57	3.316	3.318	-0.002	93	707669	500.0	514.4	
37 Isopropyl ether	45	3.545	3.546	-0.001	97	4371084	500.0	456.0	
38 1,1-Dichloroethane	63	3.567	3.569	-0.002	99	2009485	500.0	451.6	
39 Vinyl acetate	43	3.590	3.592	-0.002	100	6651021	1000.0	971.9	
40 2-Chloro-1,3-butadiene	88	3.613	3.615	-0.002	95	792263	500.0	469.1	
41 Tert-butyl ethyl ether	59	3.853	3.855	-0.002	87	3747436	500.0	463.6	
* 43 2-Butanone-d5	46	4.058	4.060	-0.002	89	382311	250.0	250.0	
42 2,2-Dichloropropane	79	4.058	4.060	-0.002	96	489823	500.0	445.2	a
44 cis-1,2-Dichloroethene	96	4.081	4.083	-0.002	90	985592	500.0	465.5	a
46 2-Butanone (MEK)	72	4.115	4.117	-0.002	95	688175	2500.0	2404.2	
45 Ethyl acetate	70	4.115	4.117	-0.002	95	282960	1000.0	999.9	
47 Methyl acrylate	55	4.172	4.163	0.009	99	1257122	500.0	473.7	
48 Propionitrile	54	4.252	4.243	0.009	98	1953723	5000.0	4940.5	
49 Chlorobromomethane	128	4.309	4.311	-0.002	91	409445	500.0	427.6	
50 Tetrahydrofuran	72	4.321	4.323	-0.002	89	312216	1000.0	903.4	
51 Methacrylonitrile	67	4.355	4.346	0.009	95	4039379	5000.0	3880.9	a
52 Chloroform	83	4.378	4.368	0.010	97	1568853	500.0	406.5	a
53 Cyclohexane	84	4.481	4.483	-0.002	97	799384	500.0	452.6	
54 1,1,1-Trichloroethane	97	4.504	4.505	-0.001	96	1498262	500.0	451.2	
$ 55 Dibromofluoromethane (Surr)	113	4.526	4.517	0.009	94	92891	50.0	49.5	
56 Carbon tetrachloride	117	4.618	4.620	-0.002	97	1207438	500.0	483.3	
57 1,1-Dichloropropene	75	4.652	4.654	-0.002	91	1409684	500.0	484.8	a
59 Isobutyl alcohol	43	4.812	4.802	0.010	96	2142281	12500	12401	
58 Isooctane	57	4.823	4.825	-0.002	96	1780491	500.0	503.7	
60 Benzene	78	4.857	4.859	-0.002	99	3937862	500.0	444.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.880	4.871	0.009	0	145065	50.0	48.8	
62 Tert-amyl methyl ether	55	4.926	4.928	-0.002	80	1007418	500.0	514.0	a
63 Isopropyl acetate	43	4.926	4.928	-0.002	94	4481353	500.0	448.1	a
64 1,2-Dichloroethane	62	4.949	4.951	-0.002	96	1714997	500.0	452.4	
65 n-Heptane	57	5.006	5.008	-0.002	98	381359	500.0	454.2	
* 66 Fluorobenzene	96	5.143	5.145	-0.002	96	404679	50.0	50.0	
68 n-Butanol	56	5.485	5.476	0.009	95	1057398	12500	12436	
67 Trichloroethene	95	5.497	5.499	-0.002	91	1023582	500.0	526.6	
69 Methylcyclohexane	83	5.622	5.613	0.009	85	720924	500.0	516.9	
70 Ethyl acrylate	55	5.634	5.636	-0.002	98	2509927	500.0	484.1	a
71 1,2-Dichloropropane	63	5.794	5.795	-0.001	87	1231663	500.0	499.5	
* 72 1,4-Dioxane-d8	96	5.874	5.864	0.010	0	30688	1000.0	1000.0	
73 Methyl methacrylate	100	5.885	5.887	-0.002	93	550989	1000.0	1062.2	
74 Dibromomethane	93	5.919	5.921	-0.002	90	710359	500.0	479.2	
75 1,4-Dioxane	88	5.931	5.921	0.010	52	289337	10000	8531.3	
76 n-Propyl acetate	43	5.942	5.944	-0.002	99	2282024	500.0	501.8	
77 Dichlorobromomethane	83	6.079	6.069	0.010	98	1495035	500.0	521.9	
79 2-Nitropropane	41	6.433	6.423	0.010	83	904921	1000.0	982.5	a
78 2-Chloroethyl vinyl ether	63	6.433	6.423	0.010	66	832564	501.2	493.8	
80 Epichlorohydrin	57	6.536	6.538	-0.002	99	2717037	10000	10631	
81 cis-1,3-Dichloropropene	75	6.581	6.583	-0.002	97	1851976	500.0	502.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.764	6.766	-0.002	99	7091112	2500.0	2493.9	
$ 83 Toluene-d8 (Surr)	98	6.833	6.834	-0.001	96	314737	50.0	49.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.912	6.903	0.009	92	3723944	500.0	481.2	
85 trans-1,3-Dichloropropene	75	7.266	7.268	-0.002	96	1755531	500.0	497.4	a
86 Ethyl methacrylate	69	7.301	7.303	-0.001	93	1557441	500.0	519.1	
87 1,1,2-Trichloroethane	83	7.483	7.485	-0.002	94	868313	500.0	500.8	
88 Tetrachloroethene	166	7.518	7.519	-0.001	90	596310	500.0	497.9	
89 1,3-Dichloropropane	76	7.700	7.691	0.009	97	1609897	500.0	488.3	
90 2-Hexanone	58	7.780	7.771	0.009	99	2524935	2500.0	2655.6	
91 n-Butyl acetate	43	7.883	7.885	-0.002	97	2260945	500.0	468.5	
92 Chlorodibromomethane	129	7.929	7.919	0.010	96	1013154	500.0	500.6	
93 Ethylene Dibromide	107	8.088	8.079	0.009	97	946213	500.0	491.8	
* 94 Chlorobenzene-d5	117	8.636	8.638	-0.002	92	278861	50.0	50.0	
95 Chlorobenzene	112	8.671	8.673	-0.002	88	2134681	500.0	497.3	
96 Ethylbenzene	106	8.785	8.775	0.010	99	1020503	500.0	507.9	
97 1,1,1,2-Tetrachloroethane	131	8.796	8.798	-0.002	93	867579	500.0	518.4	
98 m-Xylene & p-Xylene	106	8.945	8.947	-0.002	0	1166773	500.0	496.3	
99 o-Xylene	106	9.424	9.426	-0.002	89	1245424	500.0	506.9	
100 n-Butyl acrylate	73	9.424	9.426	-0.002	96	968056	500.0	522.0	
101 Styrene	104	9.458	9.460	-0.002	91	2276758	500.0	505.9	
103 Amyl acetate (mixed isomers)	43	9.664	9.666	-0.002	89	2599949	500.0	461.2	
102 Bromoform	173	9.675	9.666	0.009	93	728889	500.0	558.8	
104 Isopropylbenzene	105	9.801	9.791	0.010	98	2366737	500.0	503.7	
$ 105 4-Bromofluorobenzene	174	9.984	9.985	-0.001	87	76928	50.0	50.0	
106 Bromobenzene	156	10.098	10.100	-0.002	91	857172	500.0	486.8	
107 1,1,2,2-Tetrachloroethane	83	10.143	10.145	-0.002	98	1381478	500.0	502.7	
108 N-Propylbenzene	91	10.166	10.168	-0.002	98	2920833	500.0	482.0	
109 1,2,3-Trichloropropane	110	10.189	10.191	-0.002	95	338495	500.0	463.5	
110 trans-1,4-Dichloro-2-butene	53	10.212	10.202	0.010	76	510885	500.0	497.8	
111 2-Chlorotoluene	91	10.258	10.259	-0.001	97	2459169	500.0	502.3	
112 4-Ethyltoluene	105	10.269	10.271	-0.002	97	2301553	500.0	472.5	
113 1,3,5-Trimethylbenzene	105	10.326	10.328	-0.002	91	2005043	500.0	493.4	
114 4-Chlorotoluene	91	10.360	10.351	0.009	99	2276703	500.0	481.2	
115 Butyl Methacrylate	87	10.417	10.408	0.009	97	1294306	500.0	497.3	
116 tert-Butylbenzene	119	10.566	10.568	-0.002	91	1443897	500.0	486.3	
117 1,2,4-Trimethylbenzene	105	10.623	10.613	0.010	99	2159796	500.0	497.8	a
118 sec-Butylbenzene	105	10.737	10.728	0.009	97	2080341	500.0	487.1	
120 1,3-Dichlorobenzene	146	10.840	10.842	-0.002	80	1227928	500.0	485.9	
119 4-Isopropyltoluene	119	10.840	10.842	-0.002	96	1869507	500.0	501.4	a
* 121 1,4-Dichlorobenzene-d4	152	10.886	10.887	-0.001	97	113378	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.908	10.910	-0.002	90	1291193	500.0	481.6	
123 1,2,3-Trimethylbenzene	105	10.920	10.922	-0.002	99	2300390	500.0	490.2	
124 Benzyl chloride	91	11.011	11.013	-0.002	97	2196920	500.0	466.3	
125 2,3-Dihydroindene	117	11.057	11.059	-0.002	93	2251927	500.0	458.9	
126 p-Diethylbenzene	119	11.102	11.093	0.009	91	880379	500.0	475.7	
127 n-Butylbenzene	92	11.114	11.116	-0.002	97	1006449	500.0	513.6	
128 1,2-Dichlorobenzene	146	11.160	11.161	-0.001	92	1334764	500.0	500.8	
129 1,2,4,5-Tetramethylbenzene	119	11.582	11.584	-0.002	95	1766705	500.0	482.5	a
130 1,2-Dibromo-3-Chloropropane	157	11.662	11.652	0.010	95	252333	500.0	505.6	
131 1,3,5-Trichlorobenzene	180	11.742	11.744	-0.002	96	673129	500.0	496.1	
132 1,2,4-Trichlorobenzene	180	12.141	12.143	-0.002	94	670068	500.0	502.9	
133 Hexachlorobutadiene	225	12.210	12.200	0.010	93	272430	500.0	510.8	
134 Naphthalene	128	12.313	12.314	-0.001	98	2415077	500.0	481.7	
135 1,2,3-Trichlorobenzene	180	12.472	12.474	-0.002	95	646089	500.0	501.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	936.2	
S 137 Xylenes, Total	100				0		1000.0	1003.1	
S 138 Total BTEX	1				0		2500.0	2436.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00043	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00101	Amount Added:	50.00	Units: uL	
MIX I Hi_00128	Amount Added:	50.00	Units: uL	
GAS Hi_00368	Amount Added:	50.00	Units: uL	
ACROLEIN W_00110	Amount Added:	40.00	Units: uL	
8FreonHi_00022	Amount Added:	50.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

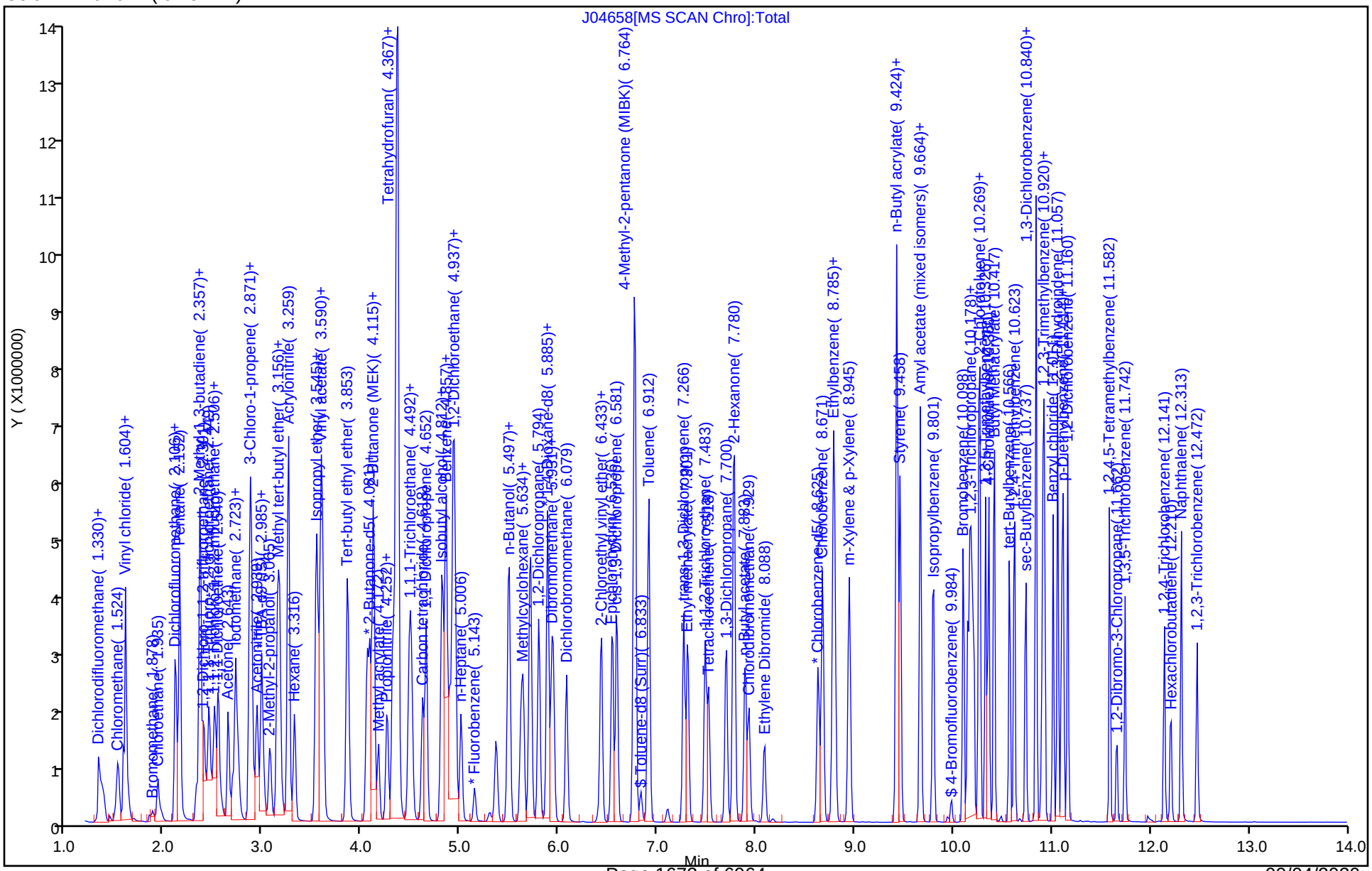
Report Date: 16-Aug-2020 12:11:06 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Injection Date:	15-Aug-2020 07:17:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

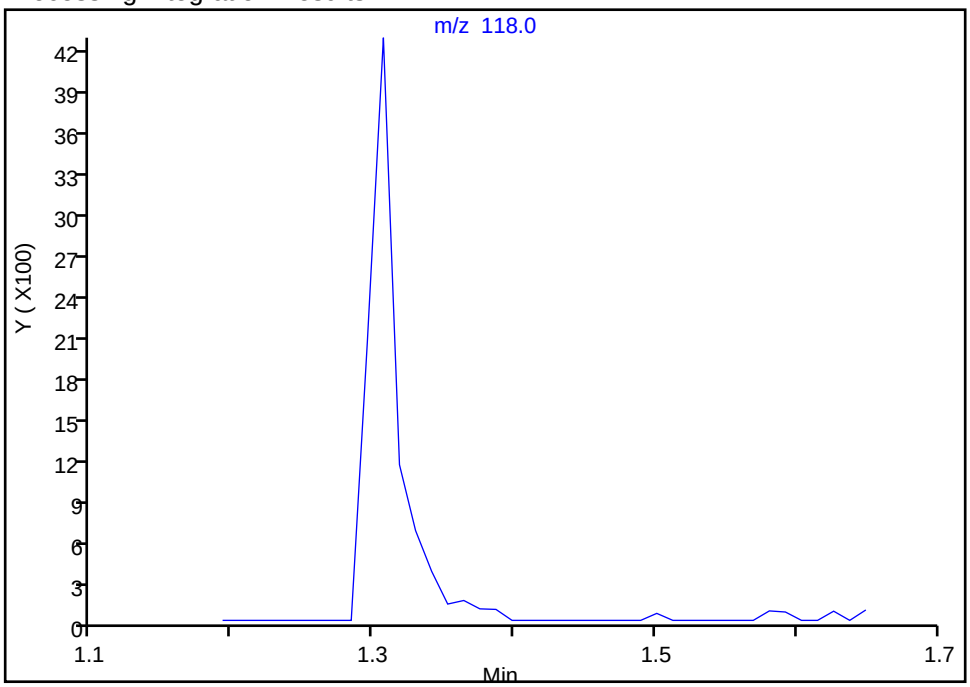
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

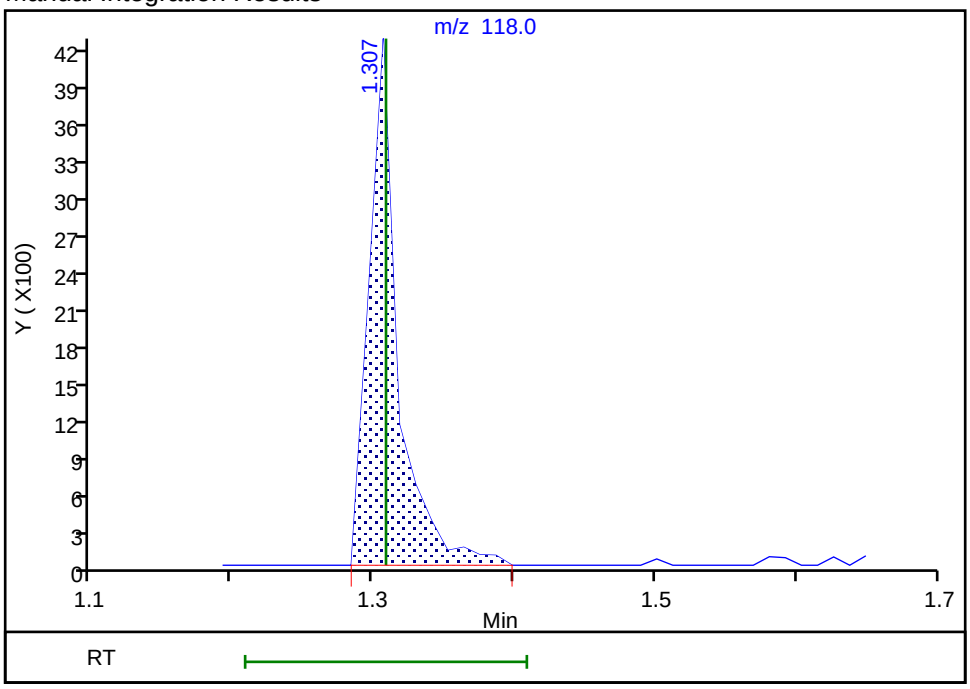
Not Detected
Expected RT: 1.31

Processing Integration Results



Manual Integration Results

RT: 1.31
Area: 6064
Amount: 123.6521
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:32:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

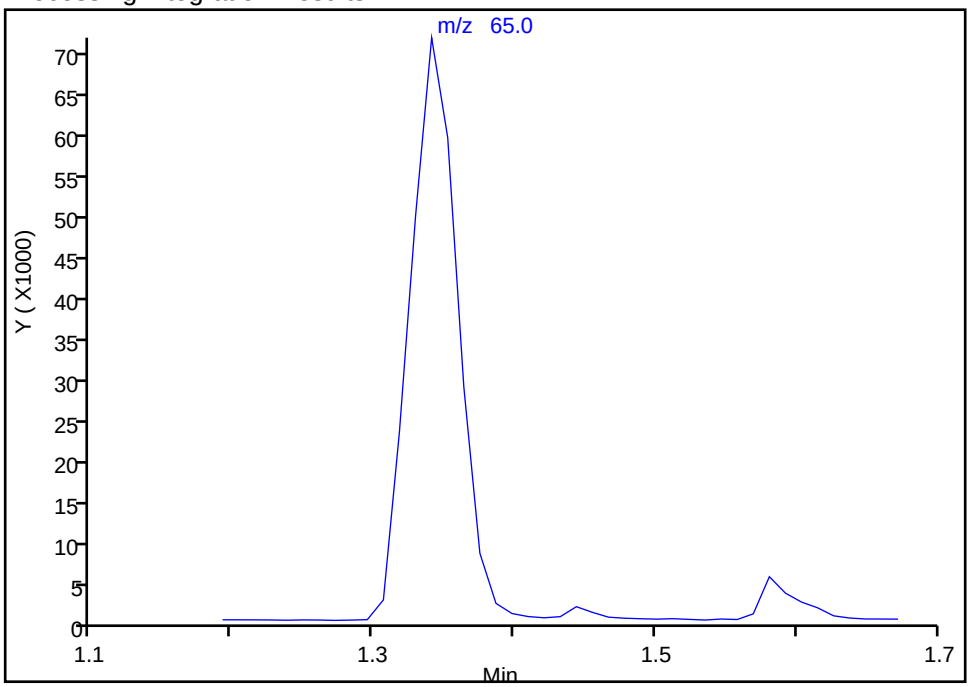
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

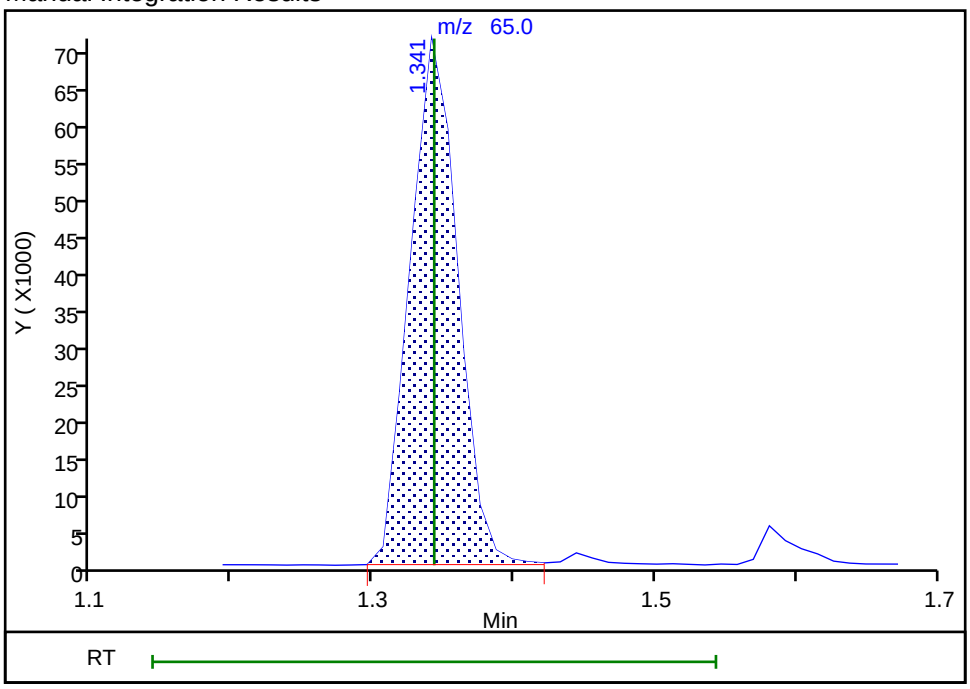
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 167191
Amount: 235.4162
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:32:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

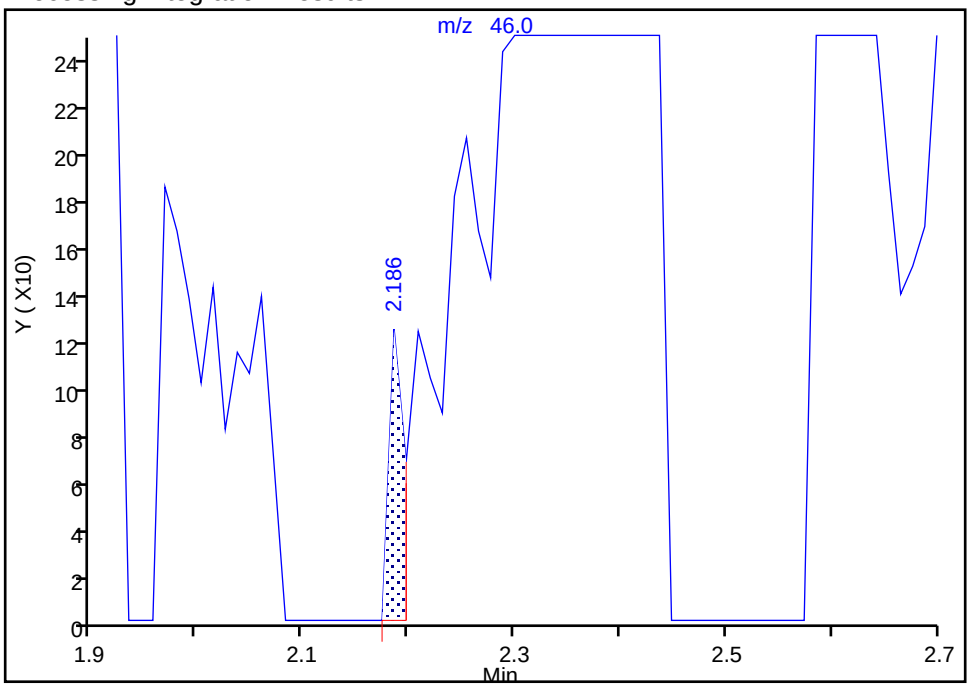
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

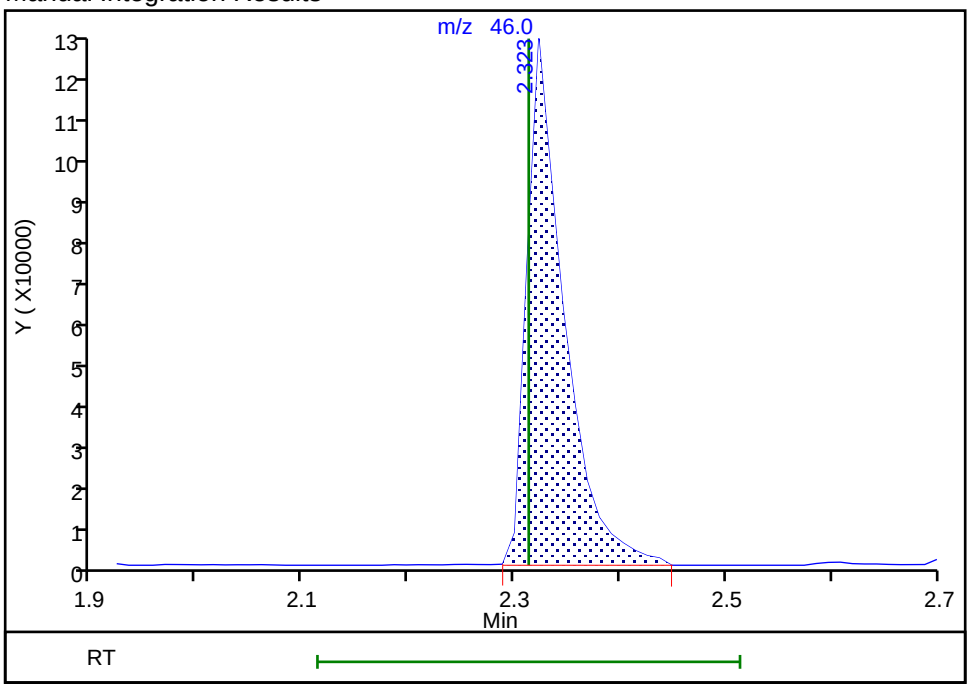
Processing Integration Results

RT: 2.19
Area: 132
Amount: 10.625733
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 297608
Amount: 19977
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:33:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

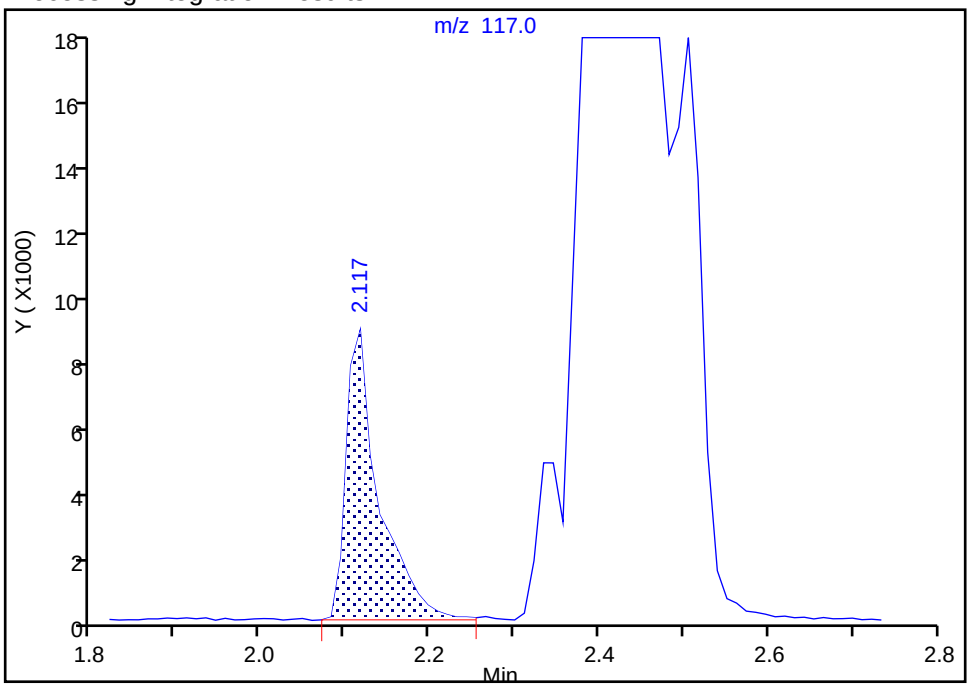
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D		
Injection Date:	15-Aug-2020 07:17:30	Instrument ID:	CVOAMS8
Lims ID:	STD500		
Client ID:			
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

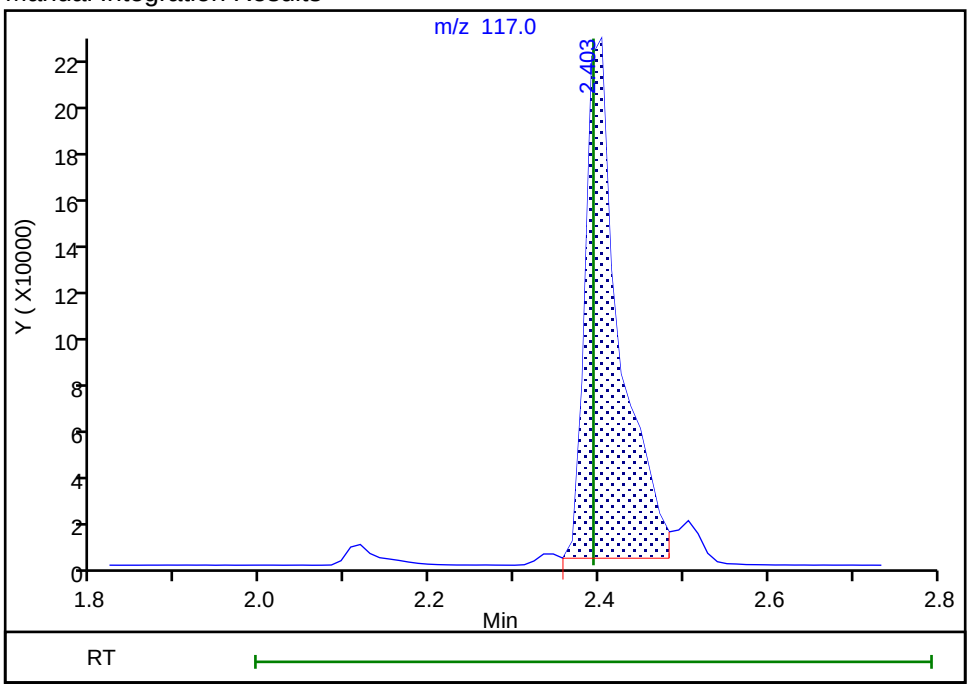
Processing Integration Results

RT: 2.12
Area: 23789
Amount: 50.970182
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 621762
Amount: 497.8388
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:36:47

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

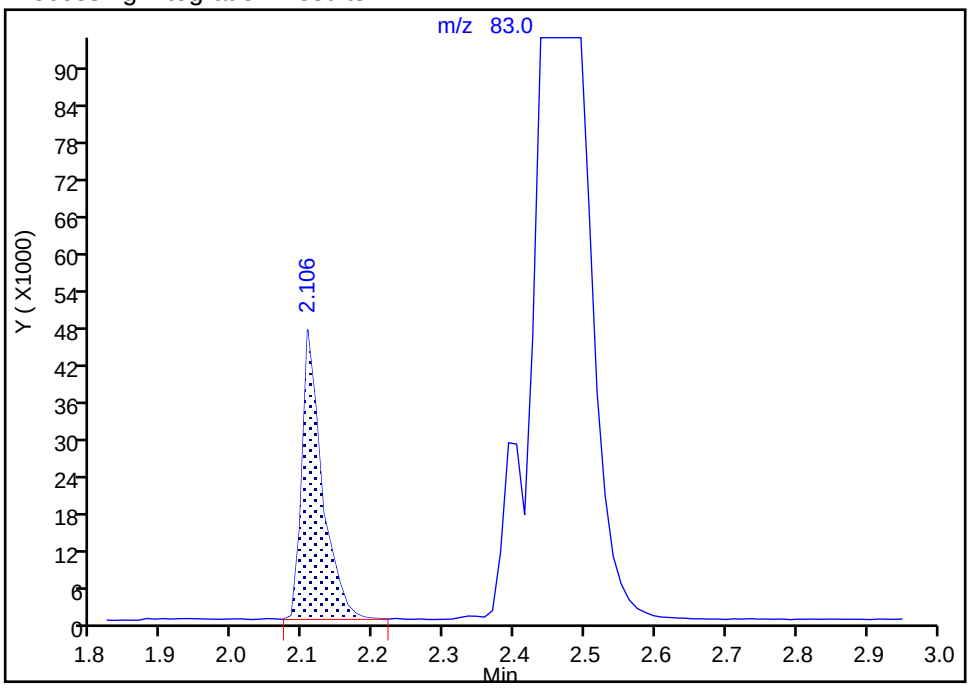
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

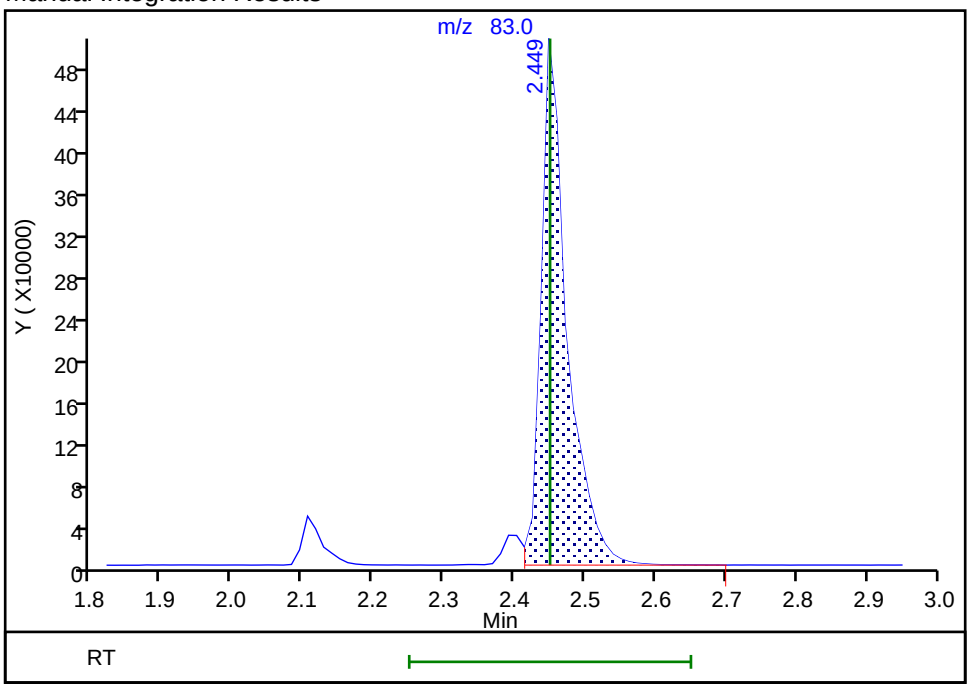
Processing Integration Results

RT: 2.11
Area: 93163
Amount: 89.452703
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 1286730
Amount: 479.3202
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:36:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

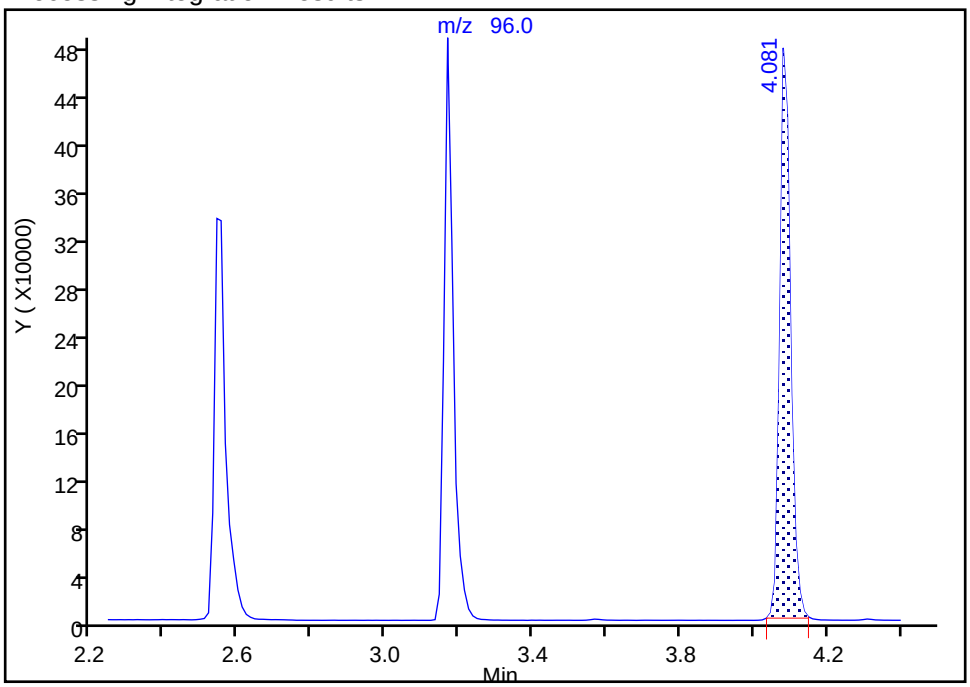
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

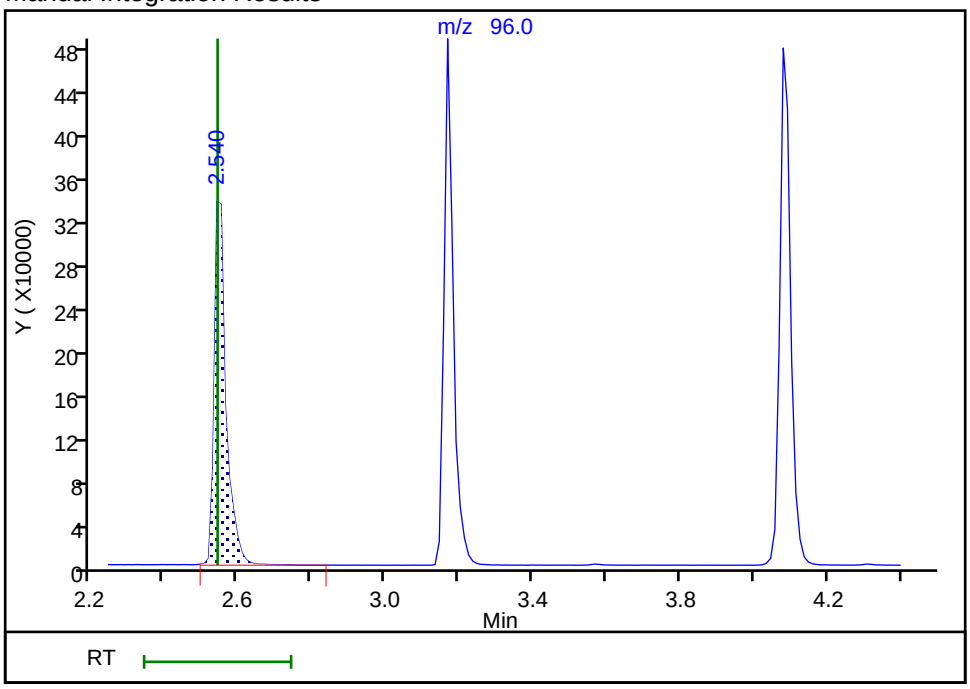
Processing Integration Results

RT: 4.08
Area: 968669
Amount: 470.1466
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 752100
Amount: 489.4375
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:39:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

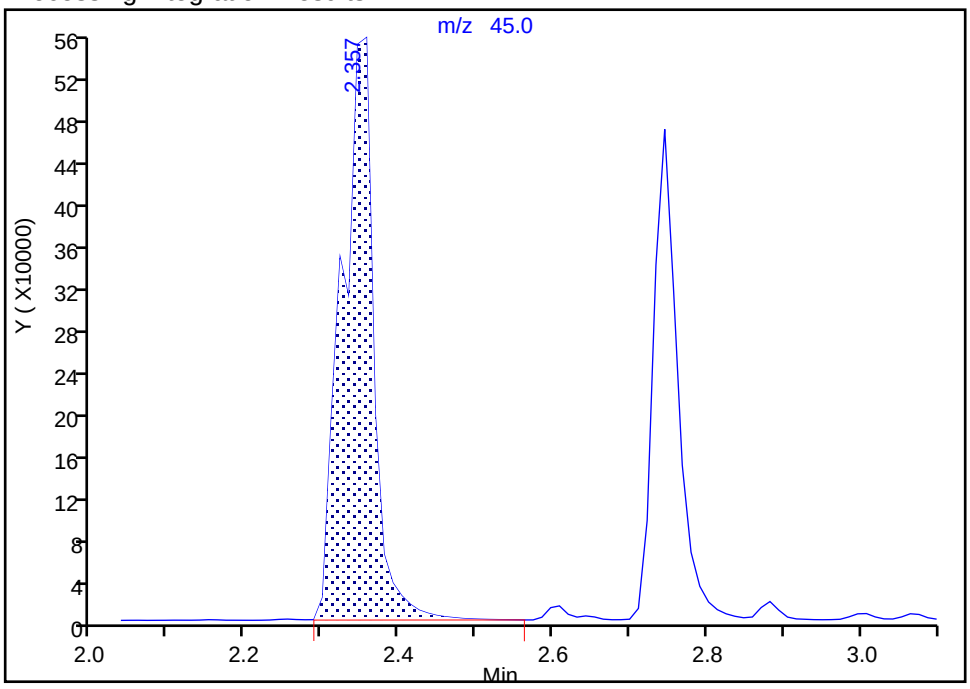
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

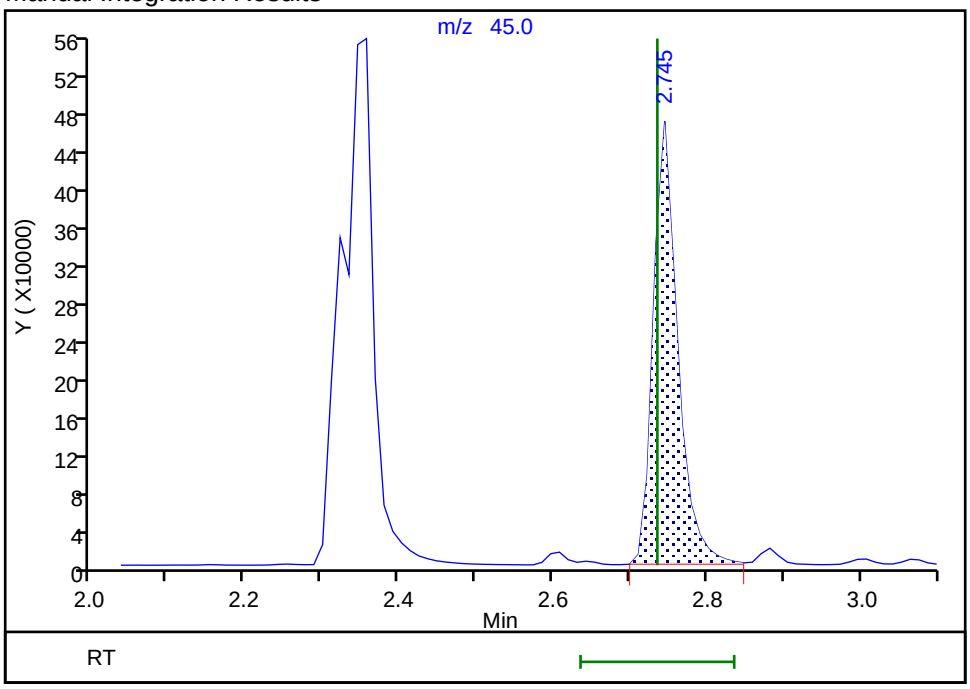
Processing Integration Results

RT: 2.36
Area: 1590647
Amount: 6626.4567
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 1023468
Amount: 4664.0031
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:33:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

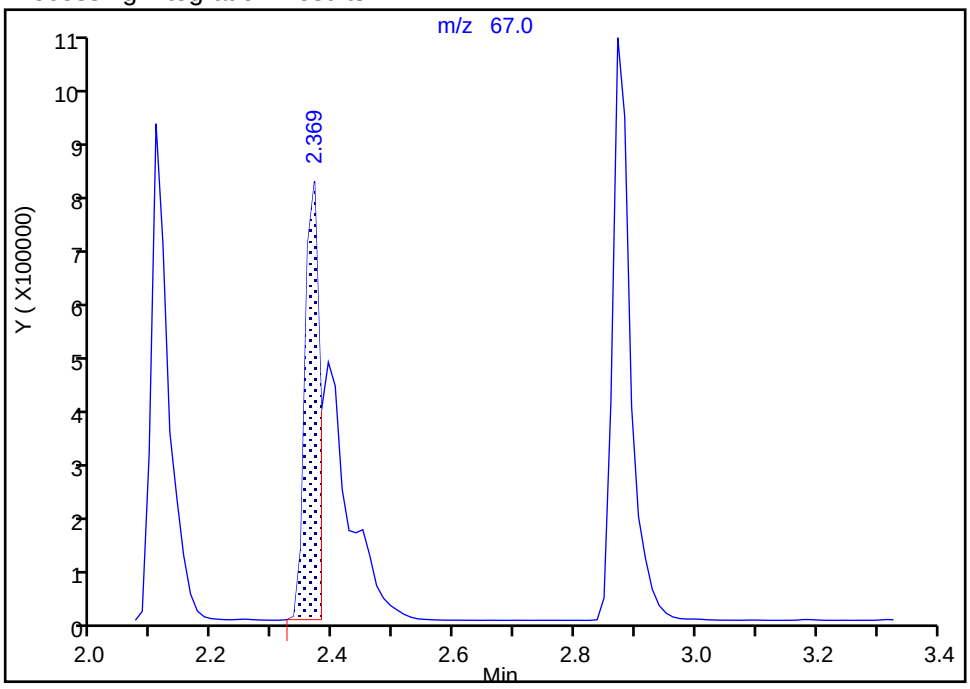
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Cyclopentene, CAS: 142-29-0

Signal: 1

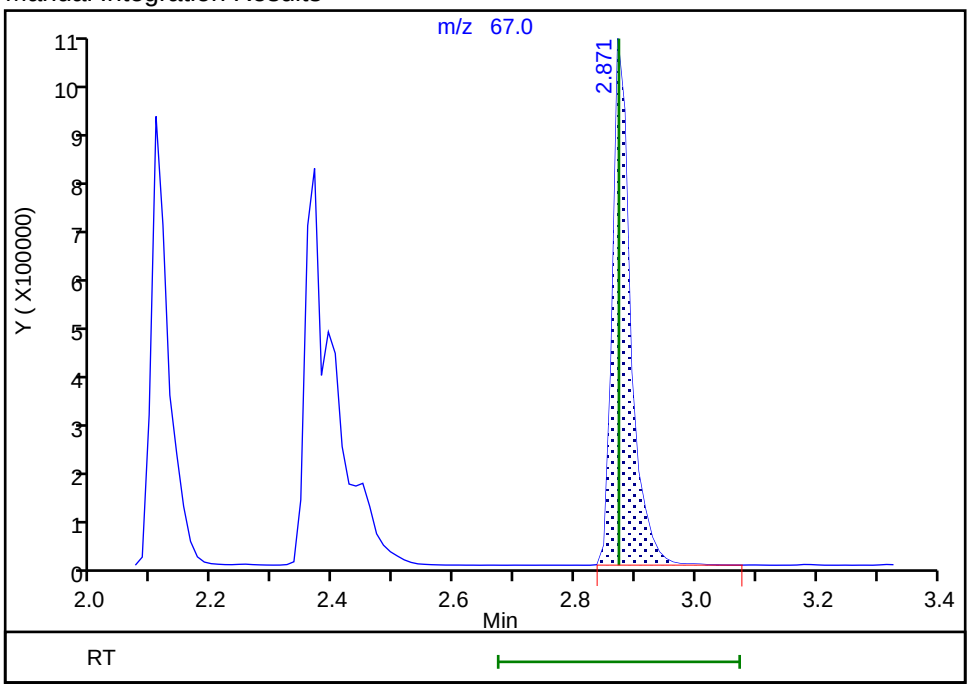
Processing Integration Results

RT: 2.37
Area: 1375132
Amount: 380.1881
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 2217291
Amount: 462.1886
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:36:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

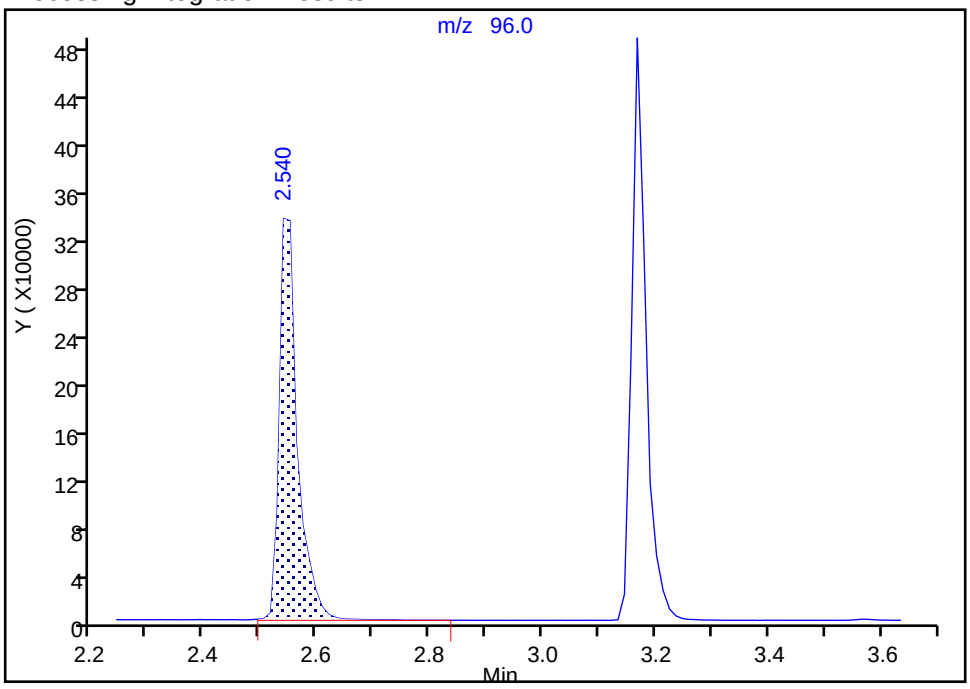
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

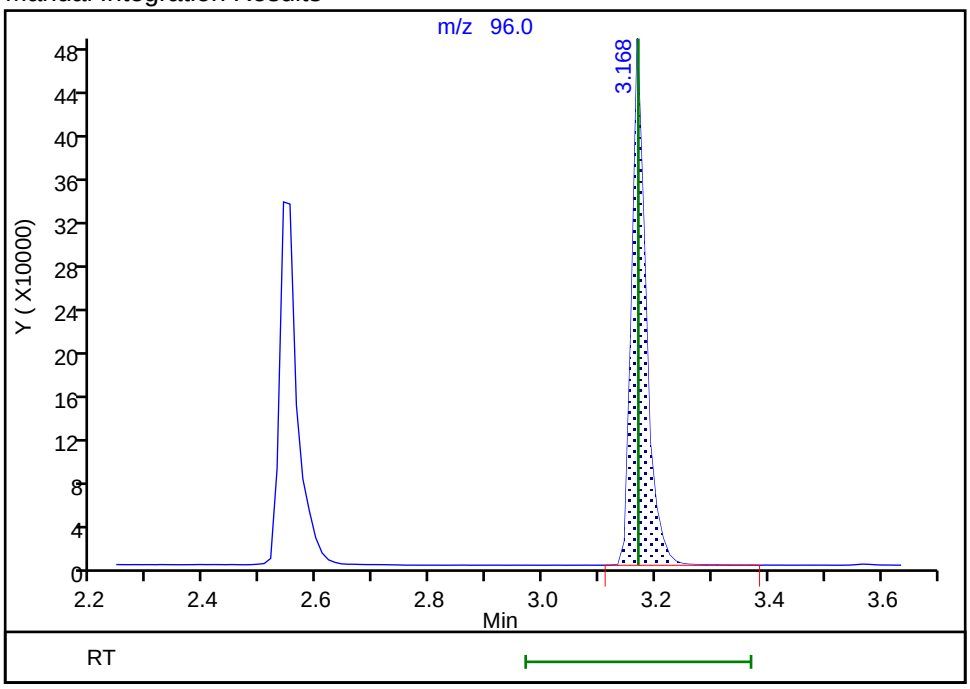
Processing Integration Results

RT: 2.54
Area: 752100
Amount: 489.4375
Amount Units: ug/l



Manual Integration Results

RT: 3.17
Area: 859684
Amount: 470.7583
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:39:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

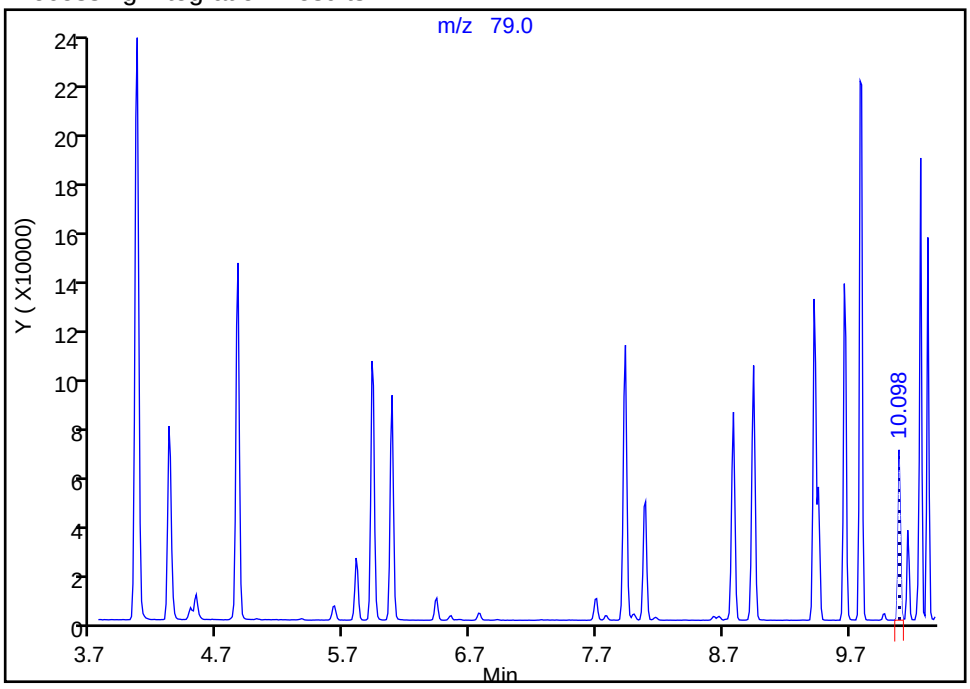
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

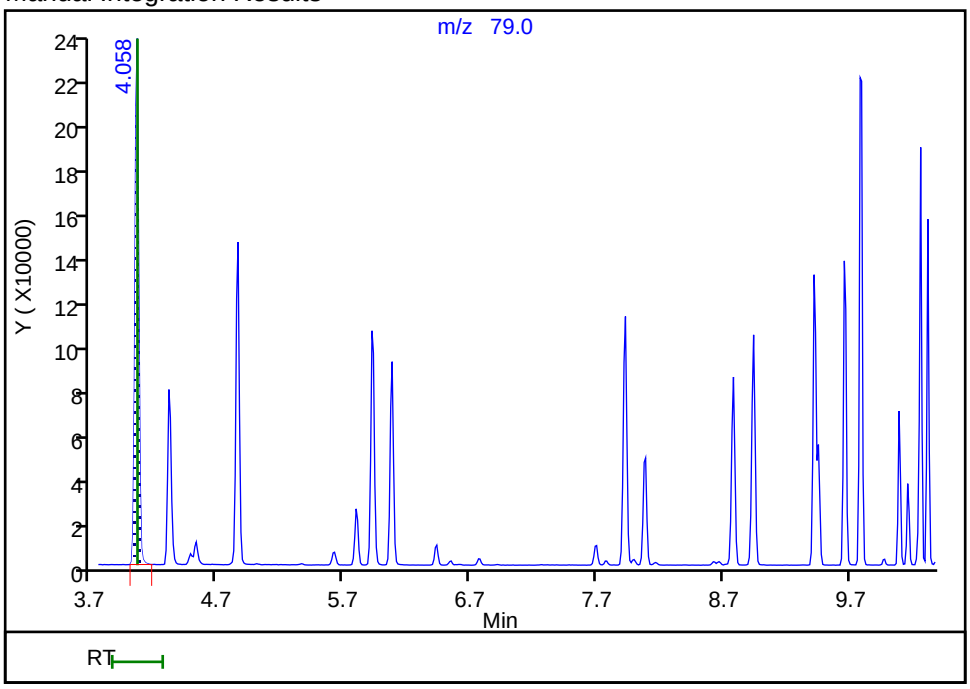
Processing Integration Results

RT: 10.10
Area: 89194
Amount: 500.4600
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 489823
Amount: 445.2158
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:47:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

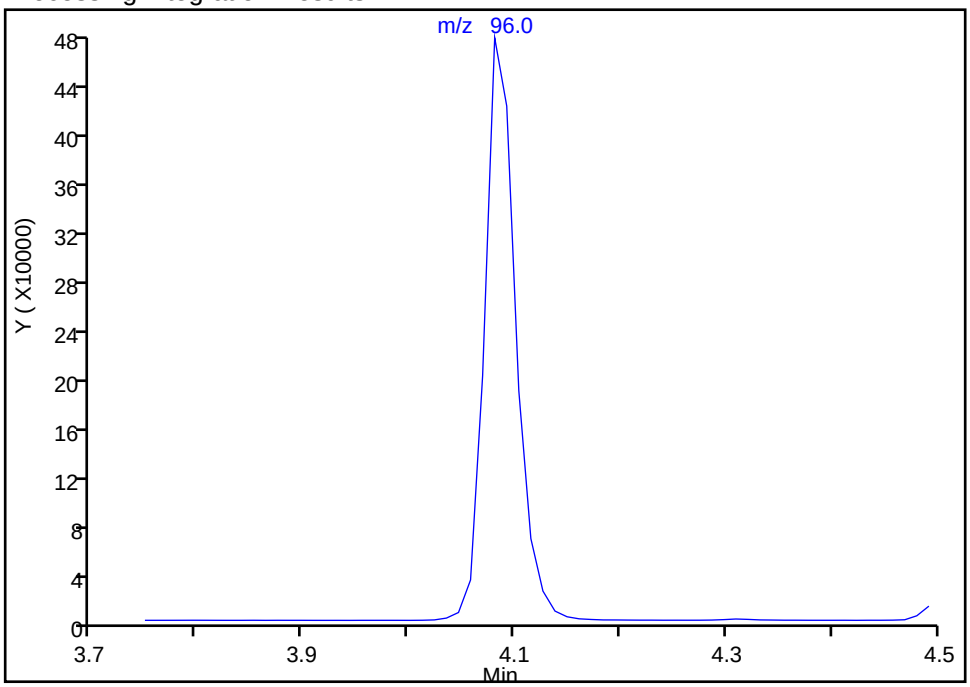
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

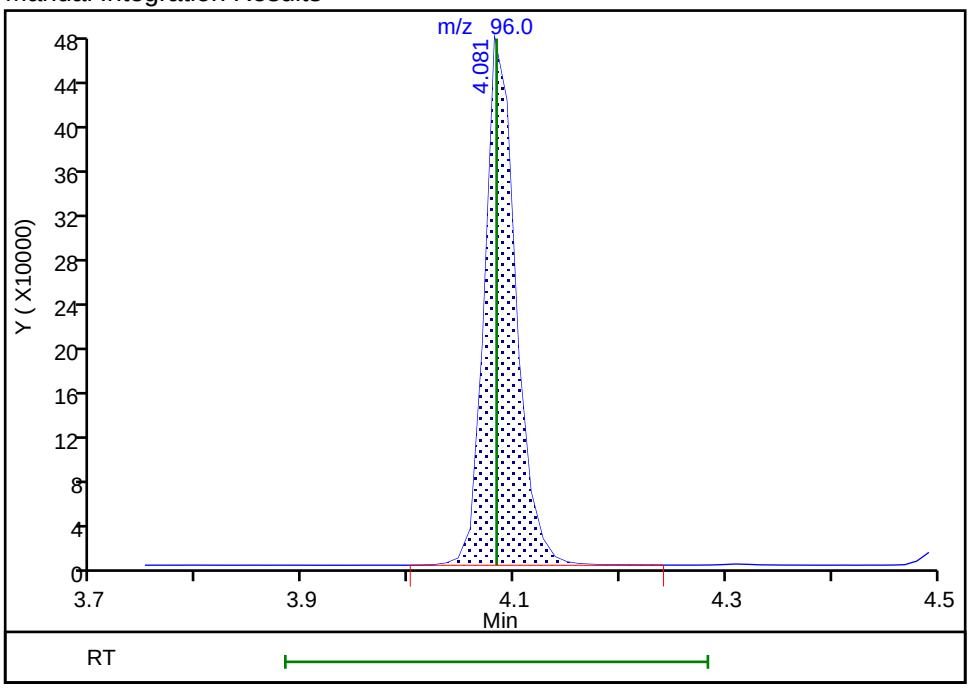
Not Detected
Expected RT: 4.08

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 985592
Amount: 465.4881
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:38:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

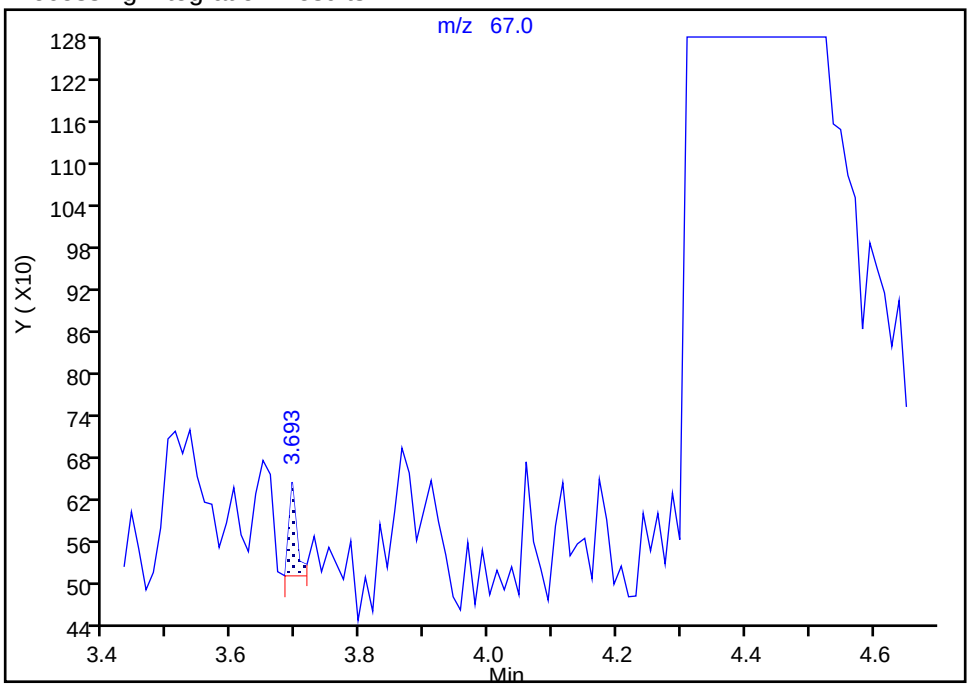
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Signal: 1

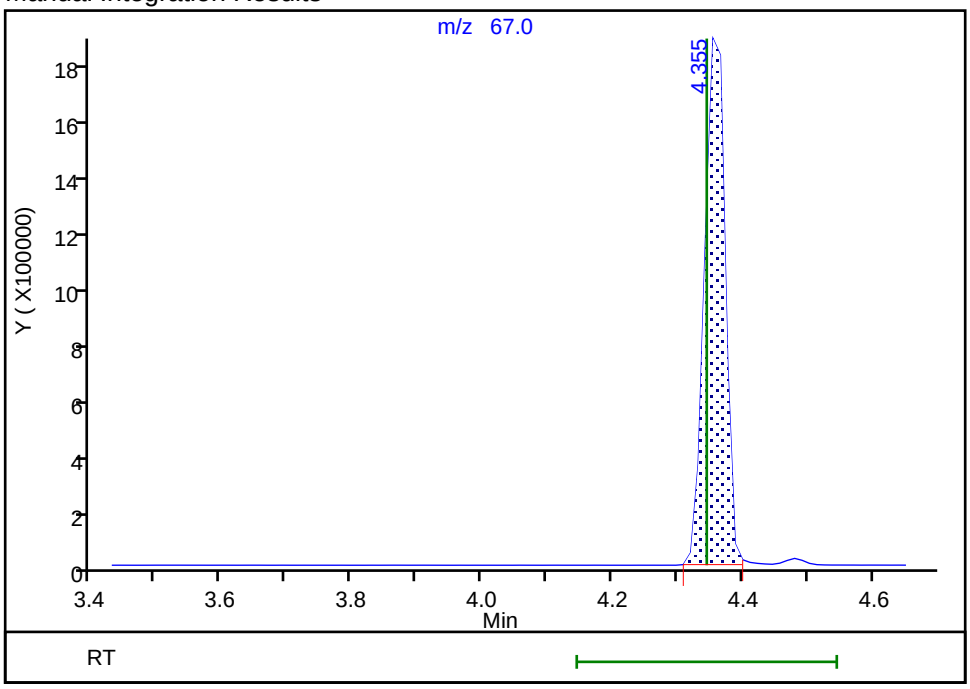
Processing Integration Results

RT: 3.69
Area: 118
Amount: 0.214470
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 4039379
Amount: 3880.8525
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:57:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

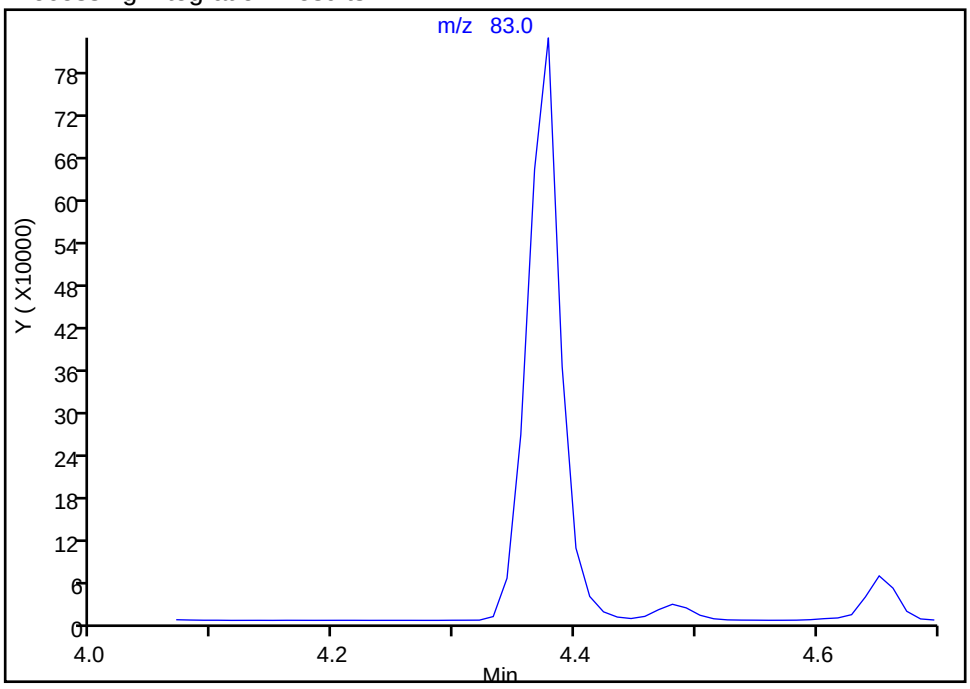
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

52 Chloroform, CAS: 67-66-3

Signal: 1

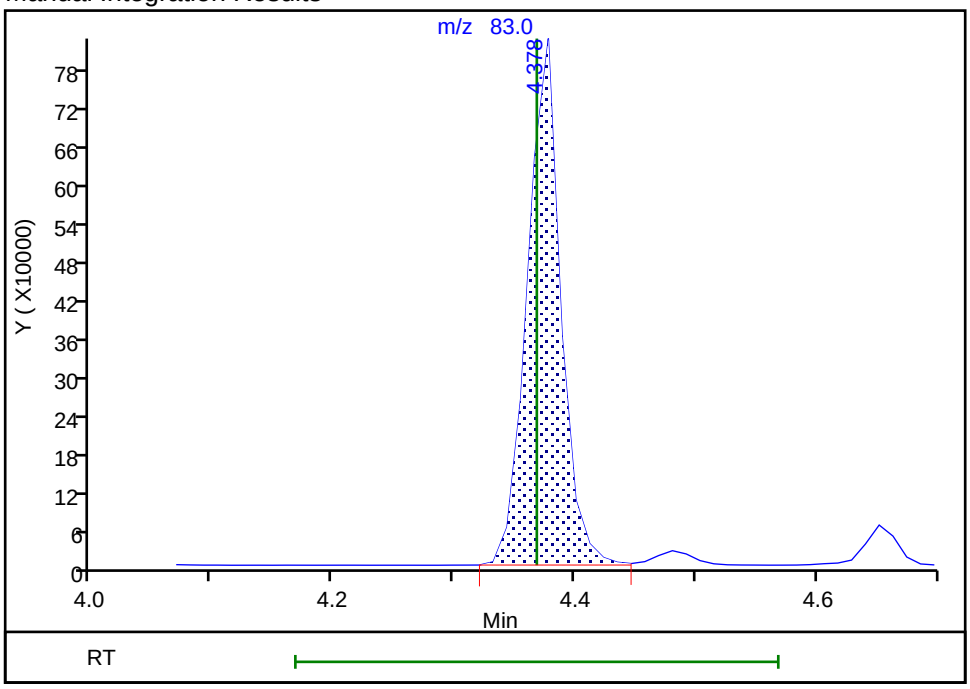
Not Detected
Expected RT: 4.37

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 1568853
Amount: 406.4602
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:43:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

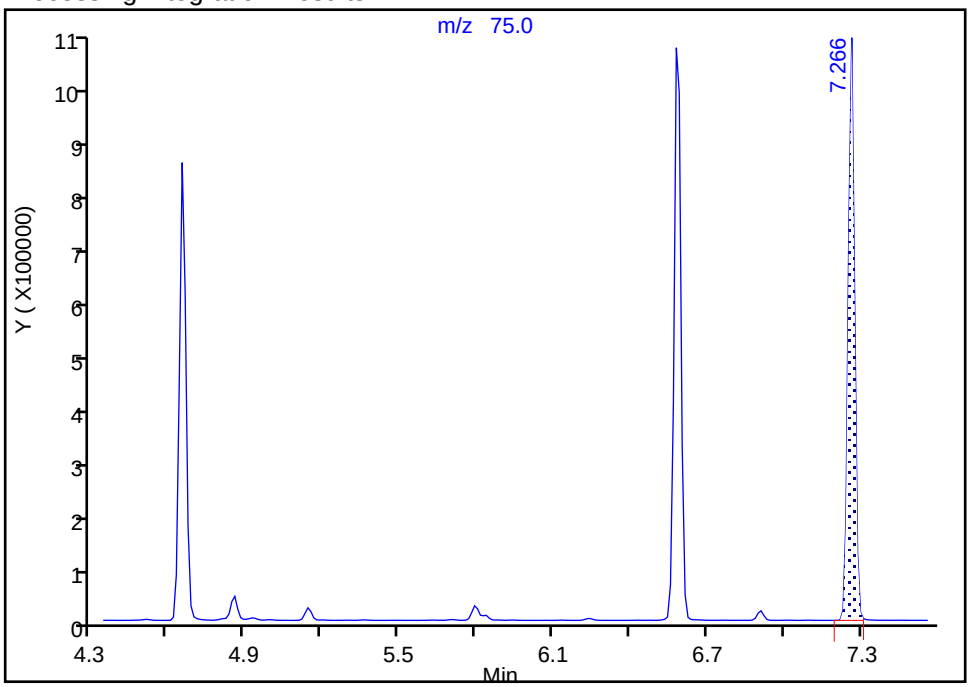
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

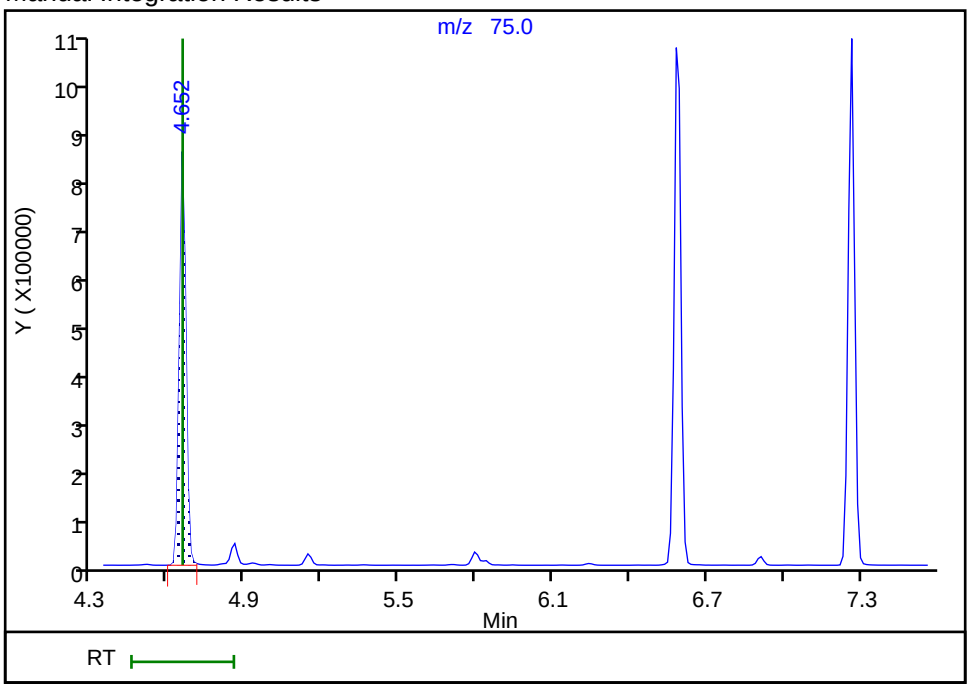
Processing Integration Results

RT: 7.27
Area: 1758962
Amount: 518.5325
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 1409684
Amount: 484.8044
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:45:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

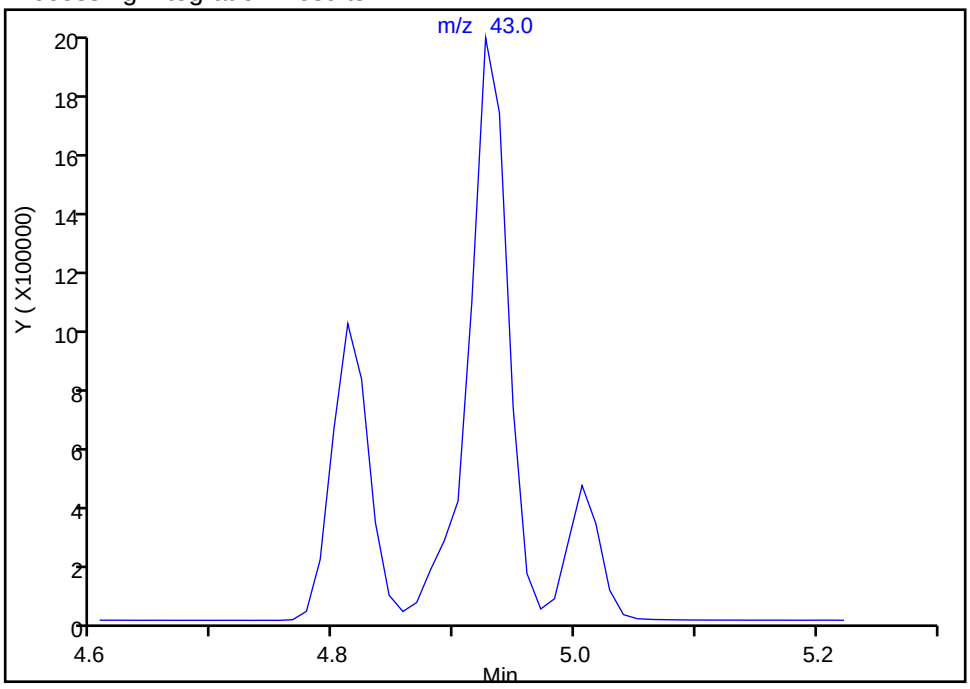
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

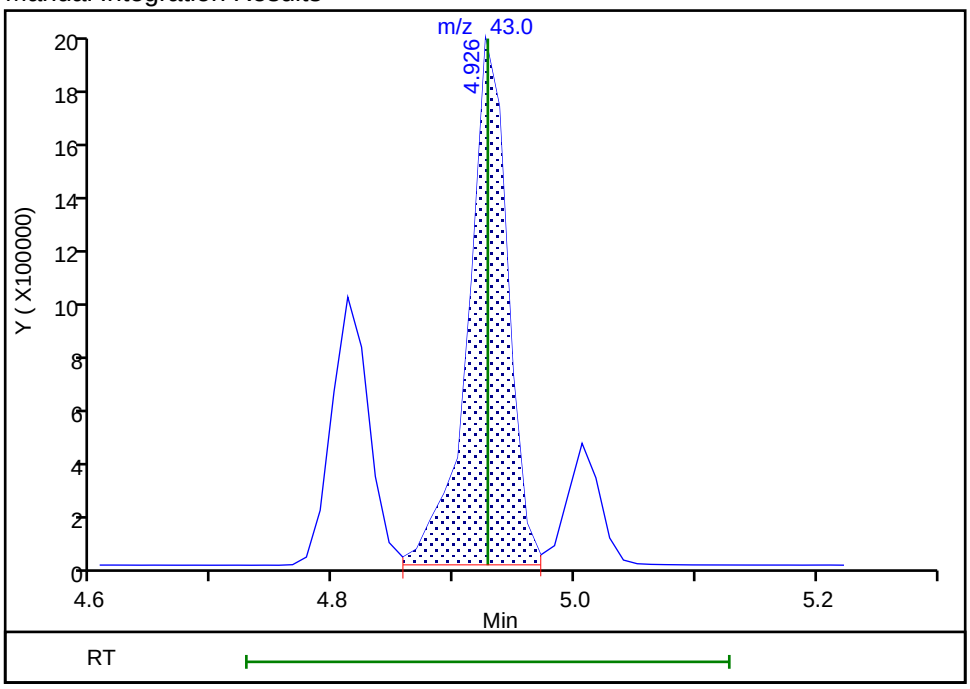
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.93
Area: 4481353
Amount: 448.1408
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:42:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

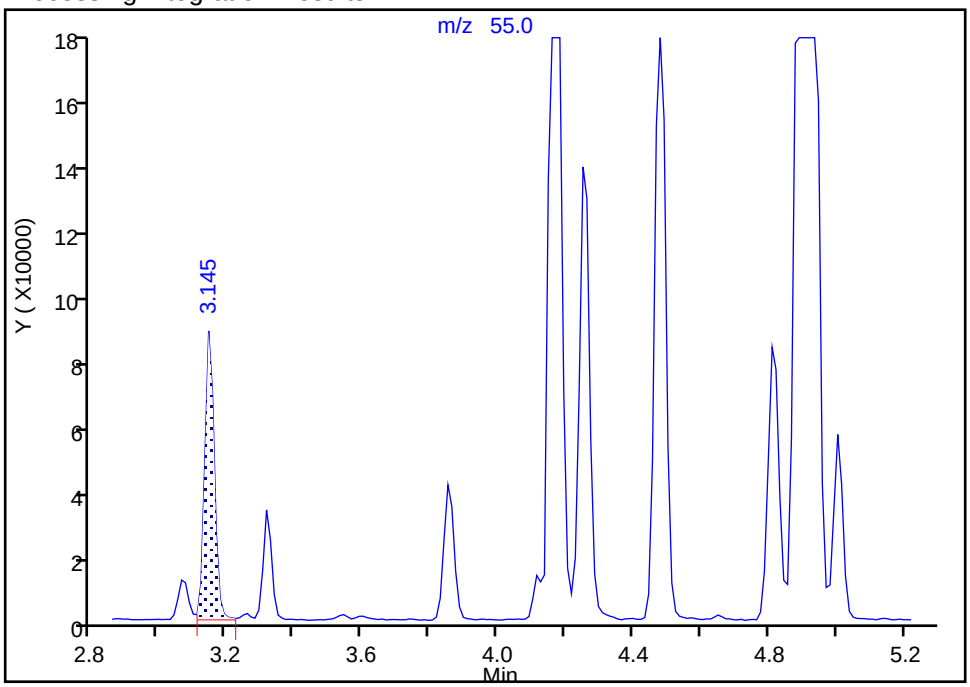
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

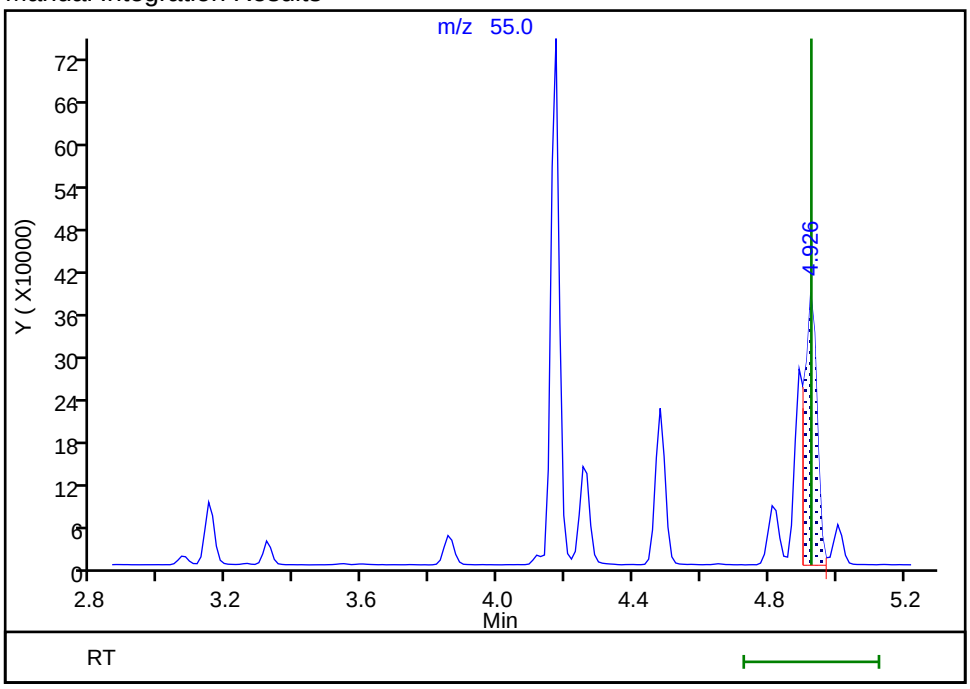
Processing Integration Results

RT: 3.14
Area: 175924
Amount: 80.409935
Amount Units: ug/l



Manual Integration Results

RT: 4.93
Area: 1007418
Amount: 514.0329
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:56:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

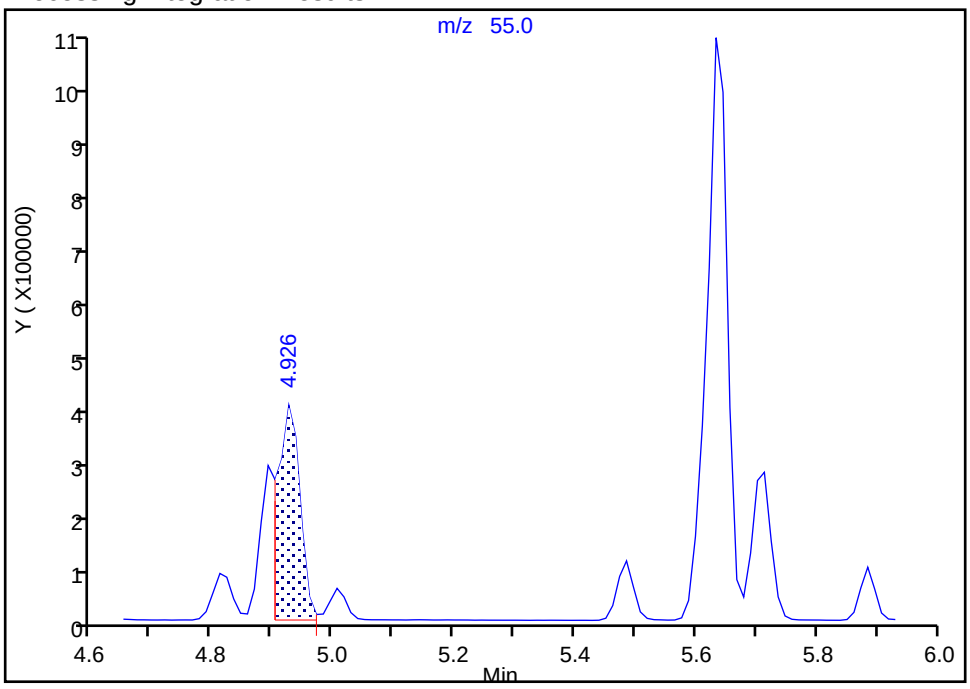
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

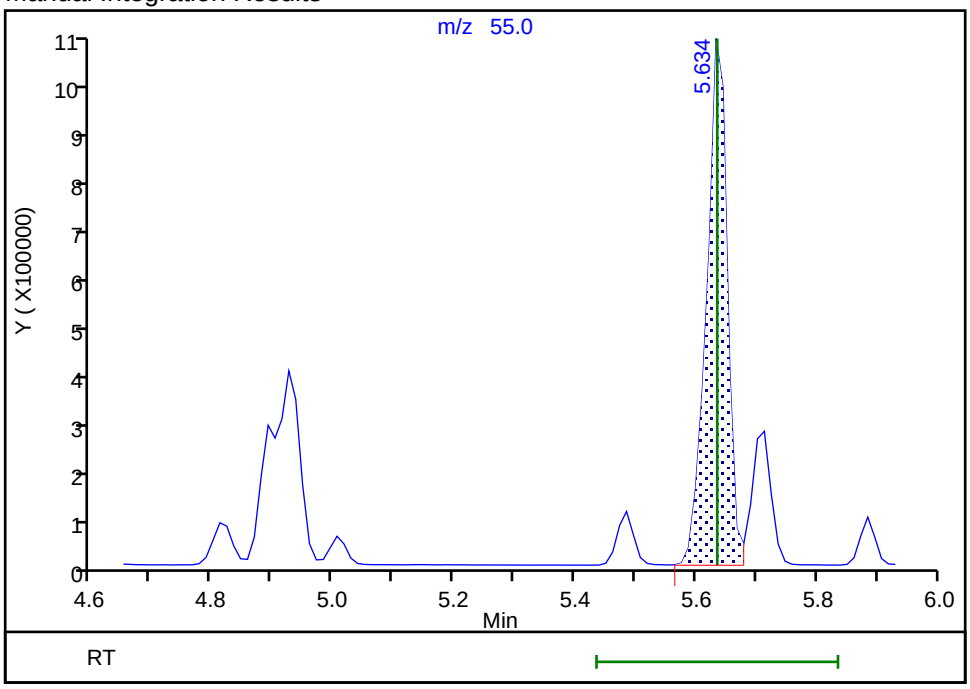
Processing Integration Results

RT: 4.93
Area: 1004512
Amount: 325.7141
Amount Units: ug/l



Manual Integration Results

RT: 5.63
Area: 2509927
Amount: 484.0647
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:41:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

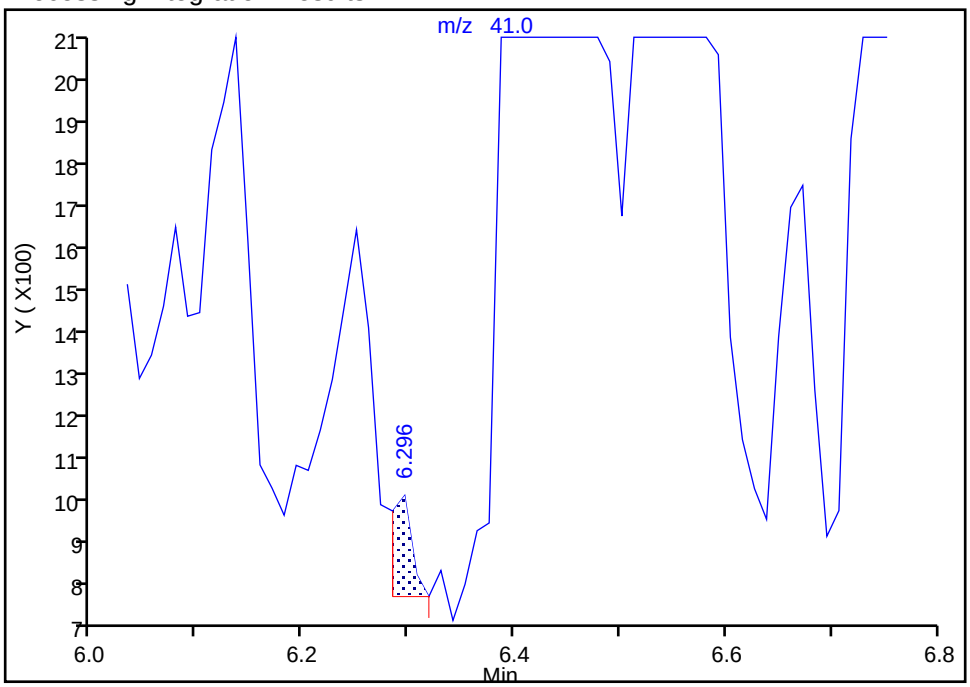
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

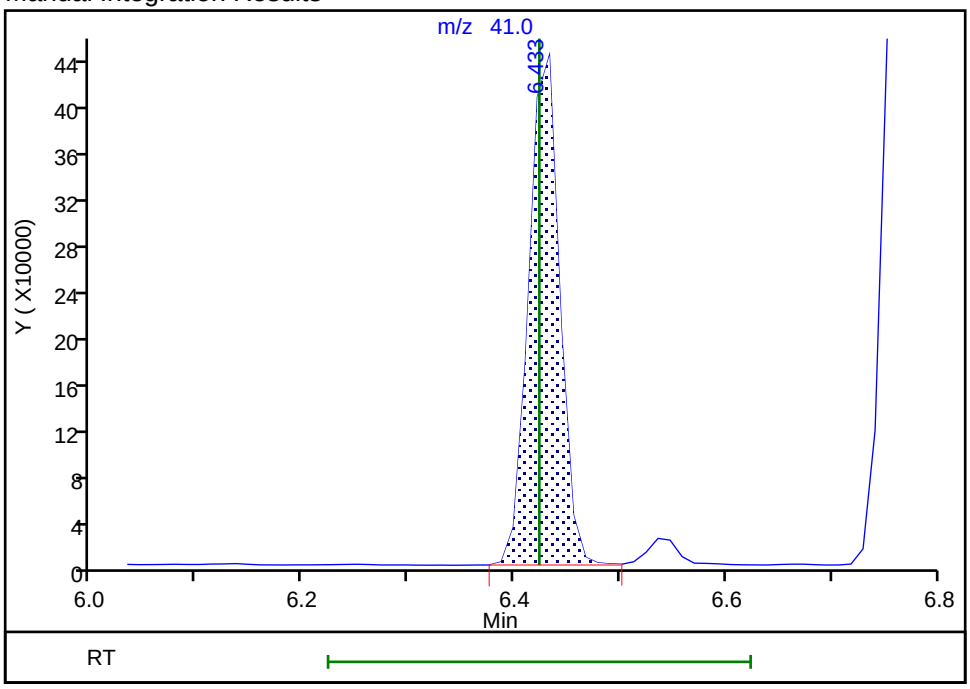
Processing Integration Results

RT: 6.30
Area: 312
Amount: 0.385263
Amount Units: ug/l



Manual Integration Results

RT: 6.43
Area: 904921
Amount: 982.5207
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:43:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

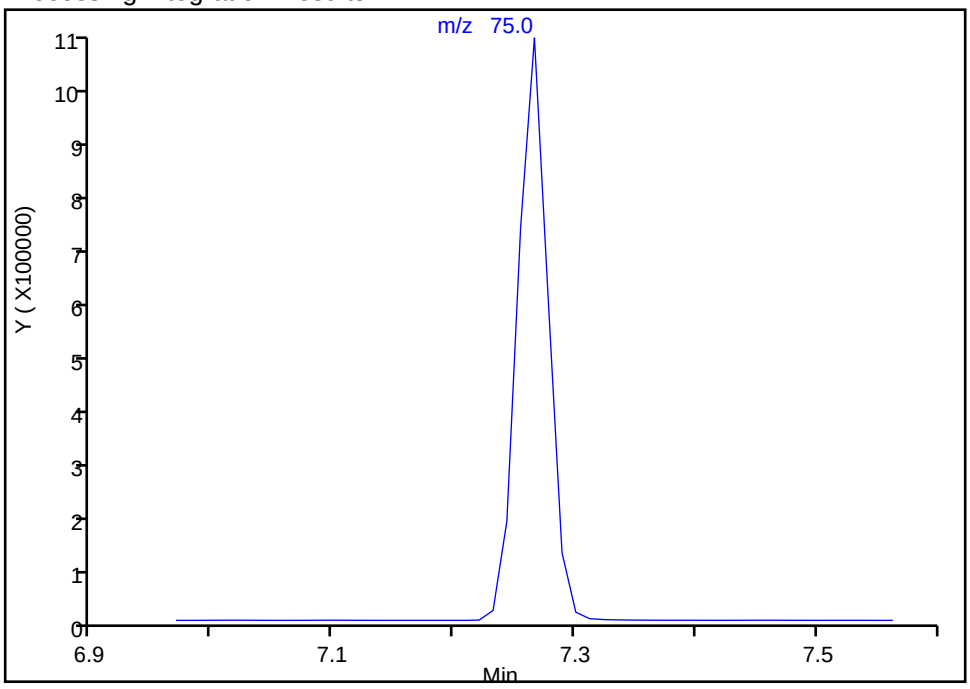
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

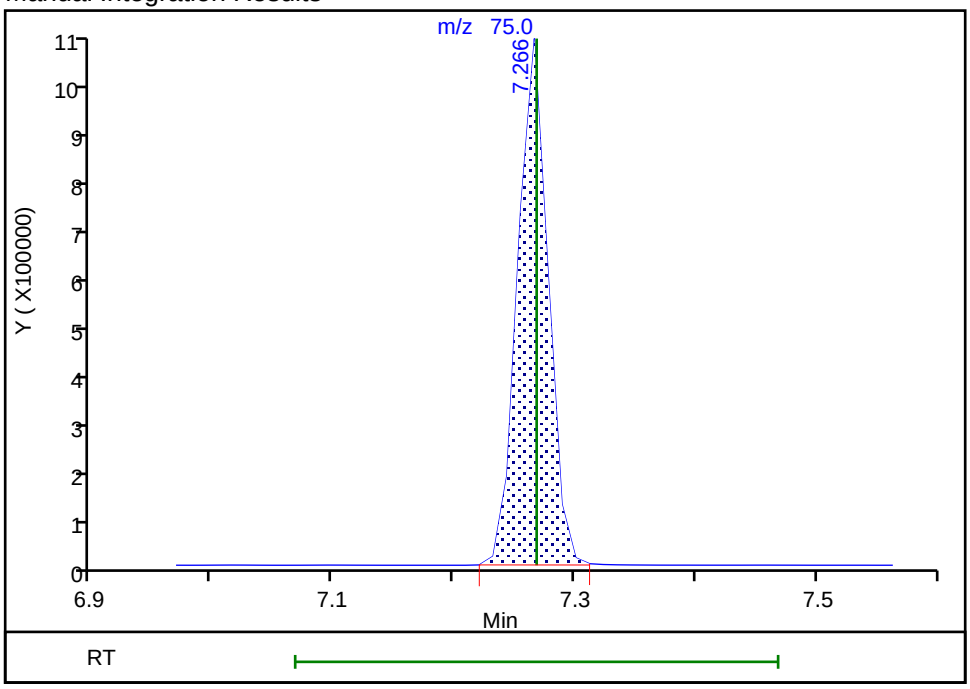
Not Detected
Expected RT: 7.27

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 1755531
Amount: 497.4078
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:44:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

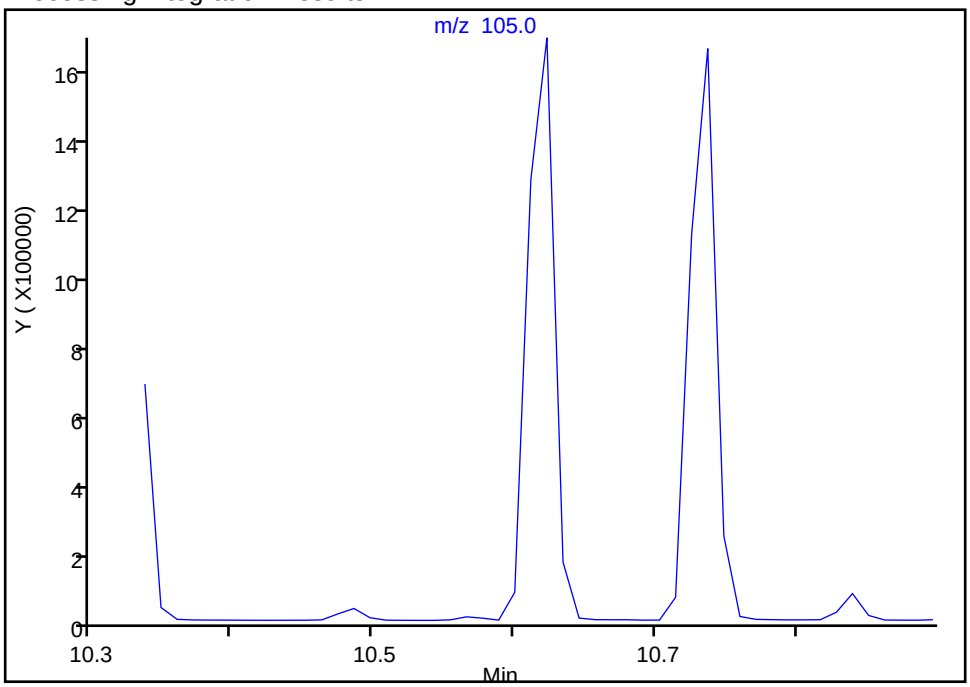
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

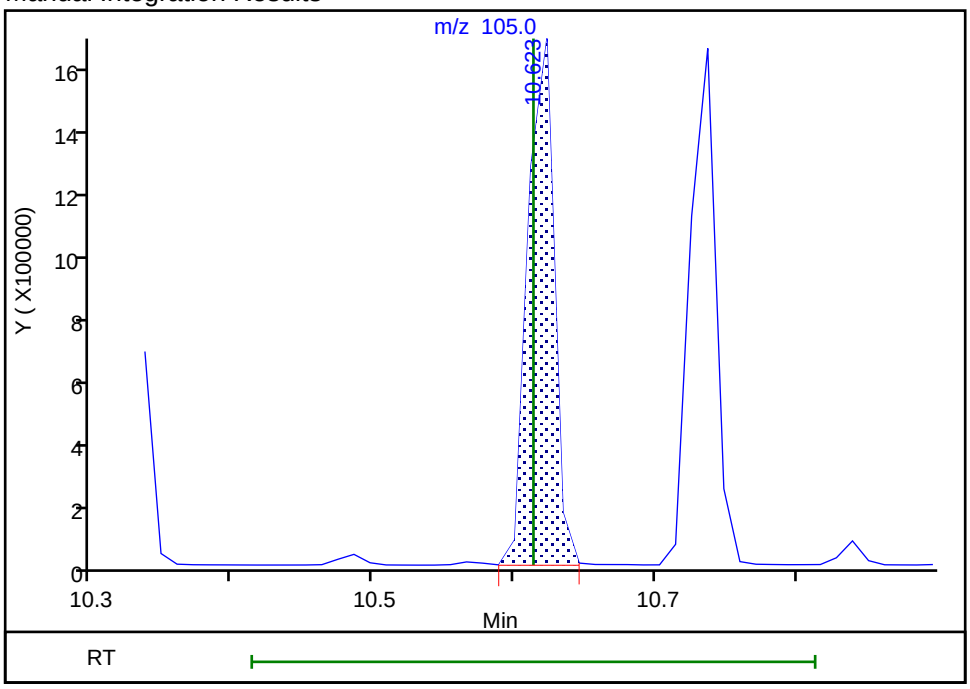
Not Detected
Expected RT: 10.61

Processing Integration Results



Manual Integration Results

RT: 10.62
Area: 2159796
Amount: 497.8107
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:48:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

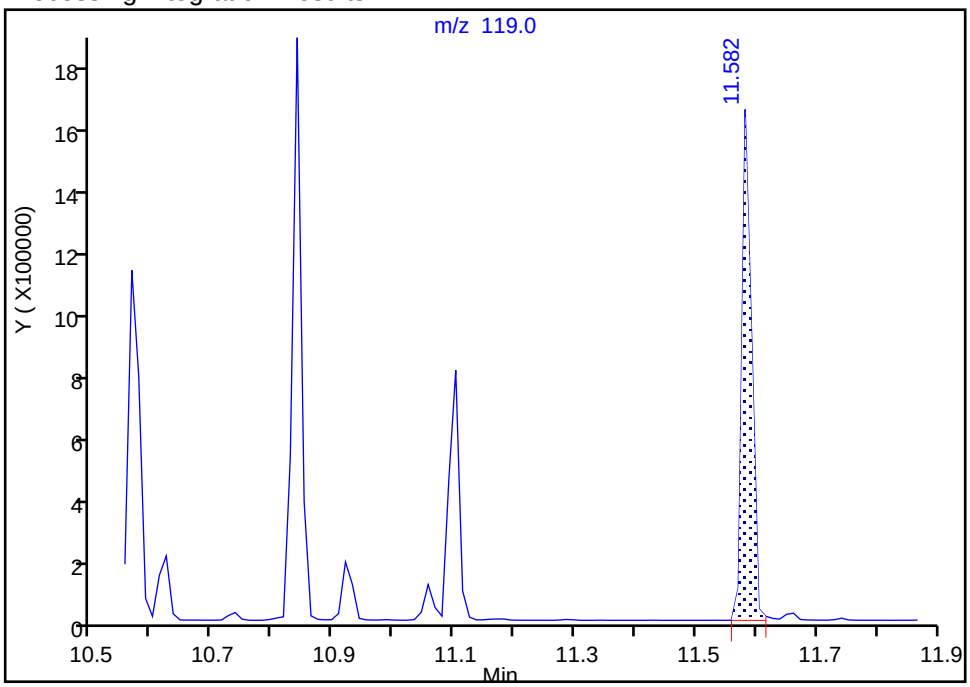
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

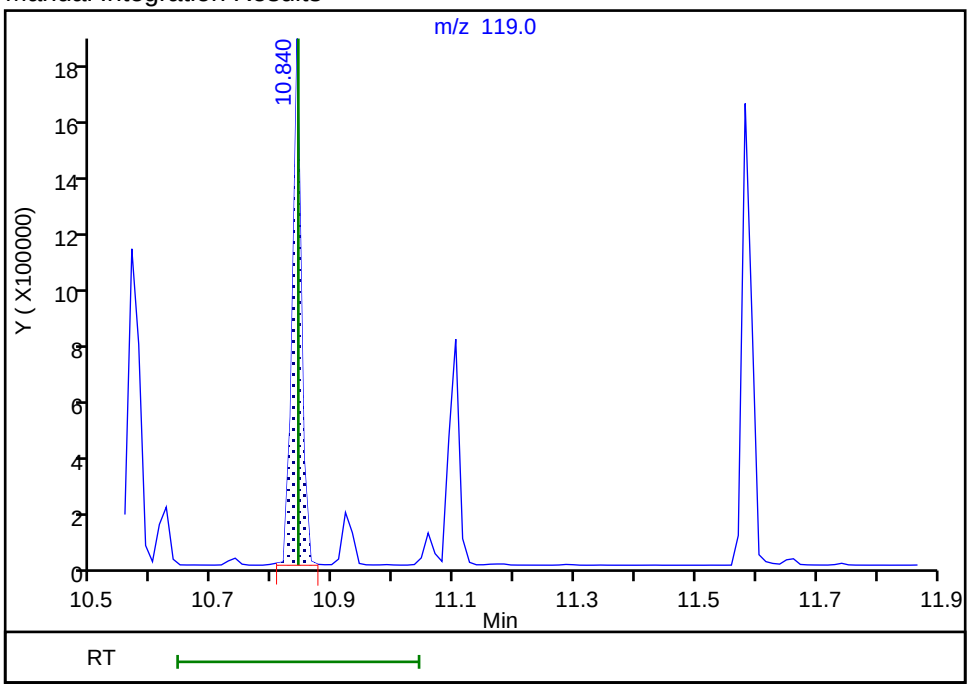
Processing Integration Results

RT: 11.58
Area: 1766703
Amount: 480.8674
Amount Units: ug/l



Manual Integration Results

RT: 10.84
Area: 1869507
Amount: 501.4235
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:49:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

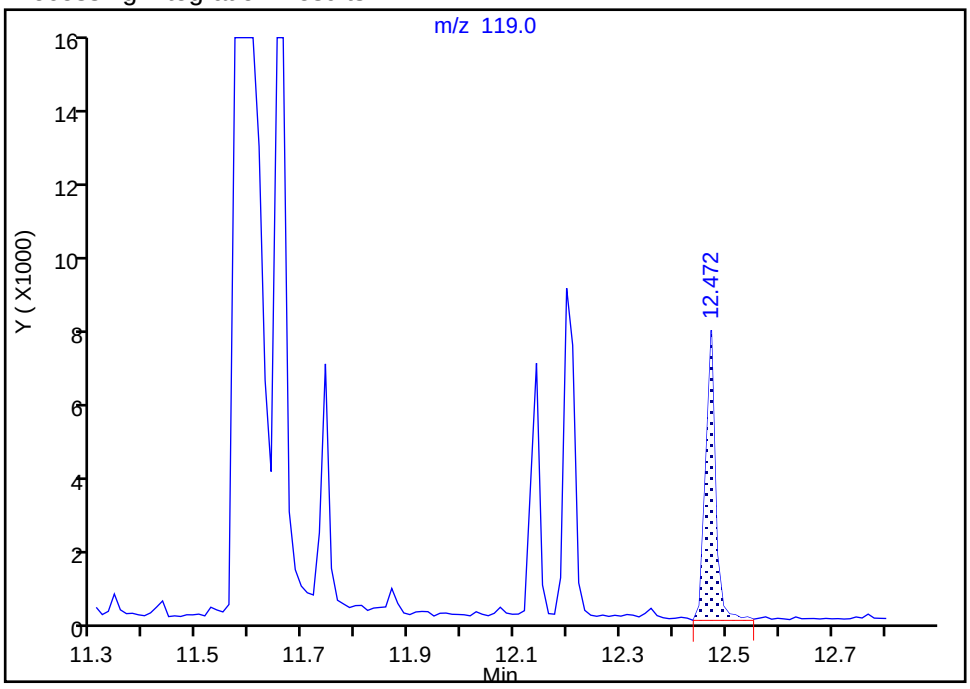
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D
Injection Date: 15-Aug-2020 07:17:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Signal: 1

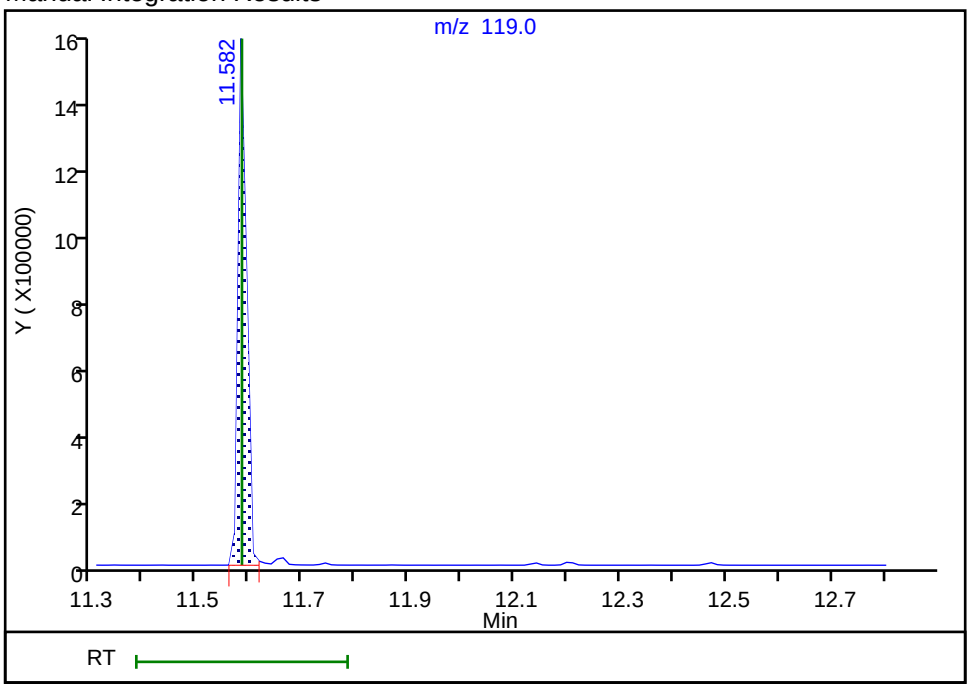
Processing Integration Results

RT: 12.47
Area: 9900
Amount: 213.9118
Amount Units: ug/l



Manual Integration Results

RT: 11.58
Area: 1766705
Amount: 482.5139
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 10:48:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-719740/3	K18450.D
Level 2	STD5 460-719740/4	K18451.D
Level 3	STD20 460-719740/5	K18452.D
Level 4	STD50 460-719740/6	K18453.D
Level 5	STD200 460-719740/7	K18454.D
Level 6	STD500 460-719740/8	K18455.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0279	0.0282	0.0373	0.0379	0.0284	Ave		0.0319				16.2		20.0			
1,1-Difluoroethane	0.2083 0.1888	0.2010	0.2346	0.2136	0.1949	Ave		0.2069				7.9		20.0			
Chlorotrifluoroethene	0.0643 0.1242	0.1151	0.1464	0.1412	0.1247	Lin2	-0.070	0.1342							0.9930		0.9900
Dichlorodifluoromethane	0.4276 0.5140	0.4667	0.5462	0.5558	0.5255	Ave		0.5060			0.1000	9.8		20.0			
Chlorodifluoromethane	0.1173 0.0638	0.0814	0.0810	0.0701	0.0623	Lin2	0.0495	0.0688							0.9920		0.9900
Chloromethane	0.7355 0.6291	0.7131	0.8022	0.7357	0.6569	Ave		0.7121			0.1000	8.7		20.0			
Butadiene	0.4622 0.3890	0.4329	0.5026	0.4561	0.4146	Ave		0.4429				9.0		20.0			
Vinyl chloride	0.4841 0.4351	0.4959	0.5664	0.5082	0.4539	Ave		0.4906			0.1000	9.4		20.0			
Bromomethane	0.3627 0.2813	0.3705	0.3727	0.3303	0.3061	Ave		0.3372			0.1000	11.2		20.0			
Chloroethane	0.2886 0.1973	0.2781	0.2872	0.2383	0.2250	Ave		0.2524			0.1000	15.0		20.0			
Dichlorofluoromethane	0.7432 0.4885	0.6631	0.7006	0.5989	0.5623	Ave		0.6261				15.0		20.0			
Pentane	1.0353 1.4767	1.2778	1.4840	1.2681	1.6594	Ave		1.3669				16.0		20.0			
Trichlorofluoromethane	0.4750 0.4232	0.4730	0.5396	0.4756	0.4543	Ave		0.4734			0.1000	8.1		20.0			
Ethyl ether	0.2821 0.1989	0.2779	0.2904	0.2457	0.2407	Ave		0.2559				13.5		20.0			
2-Methyl-1,3-butadiene	0.2390 +++++	0.2960	0.3946	0.3180	0.2683	Ave		0.3032				19.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.2407 0.2396	0.2684	0.2945	0.2616	0.2566	Ave		0.2602				7.8		20.0			
Ethanol	0.0669 0.0644	0.0766	0.0644	0.0552	0.0699	Ave		0.0662				10.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4185 0.4174	0.4644	0.5144	0.4809	0.4515	Ave		0.4578				8.2		20.0			
Acrolein	1.3646 1.3373	1.2207	1.1703	1.0378	1.3928	Ave		1.2539				10.9		20.0			
1,1-Dichloroethene	0.2664 0.2816	0.2826	0.3382	0.3183	0.2956	Ave		0.2971			0.1000	9.0		20.0			
Acetone	1.3455 0.9154	1.0381	0.9933	0.9488	1.1409	Ave		1.0637			0.0500	14.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2273 0.2936	0.2869	0.3649	0.3340	0.3029	Ave		0.3016			0.1000	15.4		20.0			
Iodomethane	0.6255 0.5917	0.6255	0.7072	0.6600	0.6164	Ave		0.6377				6.4		20.0			
Isopropyl alcohol	1.1285 1.1853	0.6422	0.7235	0.6797	1.1664	QuaF		1.0779	0.0000220						0.9980		0.9900
Carbon disulfide	1.2082 1.2207	1.2739	1.5627	1.3915	1.2927	Ave		1.3250			0.1000	10.1		20.0			
Allyl chloride	0.4744 0.4066	0.4903	0.5276	0.4908	0.4482	Ave		0.4730				8.8		20.0			
Methyl acetate	7.1602 8.3054	6.2589	6.9052	6.9014	9.1914	Ave		7.4537			0.1000	14.5		20.0			
Acetonitrile	0.8479 1.0714	0.7784	0.8390	0.7403	0.9908	Ave		0.8780				14.5		20.0			
Cyclopentene	0.8702 0.7483	0.8483	1.0151	0.8951	0.7737	Ave		0.8584				11.1		20.0			
Methylene Chloride	0.5877 +++++	0.4282	0.4496	0.4030	0.3709	Ave		0.4479			0.1000	18.6		20.0			
2-Methyl-2-propanol	1.7987 1.5327	1.3557	1.3510	1.2411	1.5864	Ave		1.4776				13.7		20.0			
Acrylonitrile	0.1574 0.1078	0.1419	0.1476	0.1369	0.1192	Ave		0.1351				13.6		20.0			
trans-1,2-Dichloroethene	0.3130 0.2948	0.3455	0.3930	0.3504	0.3222	Ave		0.3365			0.1000	10.3		20.0			
Methyl tert-butyl ether	0.9646 0.7562	0.9452	1.0062	0.9031	0.8353	Ave		0.9018			0.1000	10.2		20.0			
Hexane	0.2980 0.2669	0.2998	0.3540	0.3410	0.2949	Ave		0.3091				10.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	0.6319 0.5731	0.6583	0.7438	0.7052	0.6369	Ave		0.6582			0.2000	9.1		20.0			
Vinyl acetate	1.5242 2.0560	1.2750	1.5405	1.4875	2.2157	QuaF		2.1924	-0.000132						0.9980		0.9900
Isopropyl ether	1.3333 0.9956	1.1994	1.3478	1.2543	1.0957	Ave		1.2044				11.5		20.0			
2-Chloro-1,3-butadiene	0.2770 0.2840	0.2965	0.3526	0.3364	0.3034	Ave		0.3083				9.7		20.0			
Tert-butyl ethyl ether	0.7711 0.9383	1.2759	1.3102	1.1439	1.0063	Ave		1.0743				19.4		20.0			
cis-1,2-Dichloroethene	0.3989 0.3507	0.4066	0.4546	0.4117	0.3838	Ave		0.4011			0.1000	8.5		20.0			
2,2-Dichloropropane	0.1834 0.1398	0.1632	0.1882	0.1652	0.1505	Ave		0.1651				11.2		20.0			
2-Butanone (MEK)	0.4489 0.3587	0.3383	0.3583	0.3447	0.3818	Ave		0.3718			0.0500	10.9		20.0			
Ethyl acetate	0.4022 0.3290	0.2807	0.3041	0.2937	0.3213	Ave		0.3219				13.4		20.0			
Propionitrile	1.6601 1.7946	1.4330	1.4958	1.3910	1.8100	Ave		1.5974				11.5		20.0			
Methyl acrylate	0.4470 0.3537	0.2422	0.2469	0.2679	0.3557	QuaF		0.3422	0.0000238						0.9990		0.9900
Methacrylonitrile	0.1409 0.1211	0.1349	0.1452	0.1390	0.1272	Ave		0.1347				6.7		20.0			
Chlorobromomethane	0.1981 0.1662	0.1956	0.2167	0.1931	0.1826	Ave		0.1920				8.8		20.0			
Tetrahydrofuran	0.4424 0.3993	0.4014	0.4292	0.4057	0.3968	Ave		0.4125				4.6		20.0			
Chloroform	0.6538 0.5352	0.6370	0.7105	0.6341	0.5851	Ave		0.6260			0.2000	9.6		20.0			
1,1,1-Trichloroethane	0.4460 0.4651	0.4922	0.5874	0.5284	0.4894	Ave		0.5014			0.1000	10.1		20.0			
Cyclohexane	0.4042 0.4810	0.4671	0.6098	0.5516	0.5112	Ave		0.5042			0.1000	14.1		20.0			
1,1-Dichloropropene	0.4545 0.4202	0.4420	0.5207	0.4791	0.4581	Ave		0.4624				7.5		20.0			
Carbon tetrachloride	0.3633 0.4091	0.4050	0.4965	0.4585	0.4315	Ave		0.4273			0.1000	10.8		20.0			
Isobutyl alcohol	0.0949 0.1686	0.1035	0.1280	0.1199	0.1789	QuaF		0.1755	-0.000001						0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	2.0810 1.6705	1.9497	2.2704	2.1137	1.9561	Ave		2.0069			0.5000	10.1		20.0			
1,2-Dichloroethane	0.4757 0.4061	0.4338	0.4745	0.4409	0.4335	Ave		0.4441			0.1000	6.0		20.0			
2,2,4-Trimethylpentane	1.0351 1.2140	1.1813	1.6341	1.5192	1.2824	Ave		1.3110				17.1		20.0			
Isopropyl acetate	1.3533 1.1486	1.2867	1.4426	1.3540	1.1987	Ave		1.2973				8.4		20.0			
Tert-amyl methyl ether	0.2926 0.2627	0.2905	0.3197	0.2933	0.2707	Ave		0.2882				6.9		20.0			
n-Heptane	1.9476 0.2532	0.5812	0.3942	0.3201	0.2840	Ave		0.6301				104.1	*	20.0			
n-Butanol	0.3726 0.4665	0.2557	0.2840	0.2877	0.4283	QuaF		0.3832	0.0000067						0.9990		0.9900
Trichloroethene	0.2680 0.3223	0.2970	0.3527	0.3375	0.3405	Ave		0.3197			0.2000	9.9		20.0			
Ethyl acrylate	0.0546 0.0516	0.0473	0.0491	0.0467	0.0468	Ave		0.0494				6.4		20.0			
Methylcyclohexane	0.4748 0.5691	0.5416	0.7100	0.6591	0.6149	Ave		0.5949			0.1000	14.2		20.0			
1,2-Dichloropropane	0.3308 0.3281	0.3272	0.3750	0.3507	0.3500	Ave		0.3436			0.1000	5.4		20.0			
Dibromomethane	0.1946 0.1985	0.1905	0.2142	0.2031	0.2040	Ave		0.2008				4.1		20.0			
Methyl methacrylate	0.1728 0.1978	0.1660	0.1817	0.1840	0.1843	Ave		0.1811				6.0		20.0			
1,4-Dioxane	0.7222 +++++	1.3438	1.4393	1.3940	1.2918	Lin2	-13.42	1.4093							0.9970		0.9900
n-Propyl acetate	0.5247 0.4061	0.3762	0.4071	0.4068	0.3826	Ave		0.4173				13.0		20.0			
Dichlorobromomethane	0.3942 0.4309	0.3830	0.4413	0.4261	0.4426	Ave		0.4197			0.2000	6.0		20.0			
2-Nitropropane	0.1123 0.0766	0.0765	0.0715	0.0695	0.0713	Lin2	0.0814	0.0710							0.9980		0.9900
2-Chloroethyl vinyl ether	0.0488 +++++	0.0480	0.0537	0.0585	0.0647	Ave		0.0547				12.8		20.0			
Epichlorohydrin	0.2570 0.2960	0.2306	0.2562	0.2530	0.2790	Ave		0.2620				8.7		20.0			
cis-1,3-Dichloropropene	0.6152 0.6744	0.5832	0.6743	0.6781	0.7200	Ave		0.6575			0.2000	7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone (MIBK)	2.9651 2.7912	2.7360	3.1363	2.8932	2.8587	Ave		2.8968			0.0500	4.9		20.0			
Toluene	1.8068 1.6284	1.6567	1.9123	1.8307	1.7977	Ave		1.7721			0.4000	6.1		20.0			
trans-1,3-Dichloropropene	0.5245 0.5475	0.4797	0.5417	0.5439	0.5727	Ave		0.5350			0.1000	5.8		20.0			
Ethyl methacrylate	0.4873 0.4542	0.4678	0.5320	0.5138	0.4957	Ave		0.4918				5.8		20.0			
1,1,2-Trichloroethane	0.2793 0.2759	0.2804	0.3109	0.3038	0.3002	Ave		0.2918			0.1000	5.1		20.0			
Tetrachloroethene	0.3442 0.4050	0.3813	0.4524	0.4394	0.4392	Ave		0.4103			0.2000	10.2		20.0			
1,3-Dichloropropane	0.5337 0.5456	0.5206	0.5820	0.5696	0.5785	Ave		0.5550				4.6		20.0			
2-Hexanone	1.7898 1.6569	1.5973	1.7136	1.5934	1.6624	Ave		1.6689			0.0500	4.5		20.0			
Chlorodibromomethane	0.3846 0.3970	0.3605	0.4118	0.4090	0.4214	Ave		0.3974			0.1000	5.6		20.0			
n-Butyl acetate	0.7856 0.5265	0.6428	0.6763	0.6301	0.5553	Ave		0.6361				14.5		20.0			
Ethylene Dibromide	0.3216 0.3274	0.3087	0.3509	0.3439	0.3470	Ave		0.3332			0.1000	5.0		20.0			
Chlorobenzene	1.0539 1.0330	0.9985	1.1541	1.0820	1.1030	Ave		1.0707			0.5000	5.1		20.0			
1,1,1,2-Tetrachloroethane	0.4644 0.4389	0.4697	0.5321	0.5116	0.4911	Ave		0.4846				7.0		20.0			
Ethylbenzene	0.5595 0.5473	0.5622	0.6669	0.6167	0.6011	Ave		0.5923			0.1000	7.6		20.0			
m-Xylene & p-Xylene	0.7564 0.6720	0.7044	0.8222	0.7578	0.7387	Ave		0.7419			0.1000	6.9		20.0			
o-Xylene	0.7753 0.6963	0.7532	0.8904	0.8430	0.7909	Ave		0.7915			0.3000	8.6		20.0			
Styrene	1.1496 1.0399	1.0905	1.2804	1.1831	1.1446	Ave		1.1480			0.3000	7.2		20.0			
n-Butyl acrylate	0.3574 0.2503	0.3110	0.3478	0.3139	0.2700	Ave		0.3084				13.6		20.0			
Bromoform	0.2618 0.2612	0.2534	0.2891	0.2774	0.2769	Ave		0.2700			0.1000	4.9		20.0			
Amyl acetate (mixed isomers)	1.6541 1.1810	1.3250	1.4349	1.3922	1.2607	Ave		1.3746				12.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.7727 1.8267	1.9221	2.3887	2.2352	2.0618	Ave		2.0345			0.1000	11.9		20.0			
Bromobenzene	0.7657 0.8937	0.8000	0.8830	0.8752	0.9414	Ave		0.8598				7.5		20.0			
1,1,2,2-Tetrachloroethane	0.9440 0.9578	0.9060	1.0335	1.0310	1.0274	Ave		0.9833			0.3000	5.6		20.0			
1,2,3-Trichloropropane	0.2487 0.2296	0.2261	0.2468	0.2420	0.2470	Ave		0.2400				4.1		20.0			
trans-1,4-Dichloro-2-butene	0.2511 0.1959	0.2060	0.2163	0.2150	0.2120	Ave		0.2160				8.7		20.0			
N-Propylbenzene	3.5119 4.2270	3.8048	4.6813	4.5219	4.5994	Ave		4.2244				11.2		20.0			
2-Chlorotoluene	2.2838 2.5781	2.3531	2.8068	2.7117	2.7956	Ave		2.5882				8.7		20.0			
4-Ethyltoluene	2.9101 3.2260	3.0760	3.7253	3.5952	3.3434	Ave		3.3127				9.3		20.0			
4-Chlorotoluene	2.3323 2.4854	2.2945	2.6398	2.5124	2.6354	Ave		2.4833				5.9		20.0			
1,3,5-Trimethylbenzene	2.6094 3.3004	2.7498	3.4855	3.4291	3.5605	Ave		3.1891				12.7		20.0			
Butyl Methacrylate	0.9585 1.0170	0.8724	1.0883	1.0853	1.0483	Ave		1.0116				8.3		20.0			
tert-Butylbenzene	1.7815 2.8330	1.9478	2.6099	2.7836	3.0459	QuaF		3.1226	-0.000575						1.0000		0.9900
1,2,4-Trimethylbenzene	3.0038 3.2187	2.8924	3.5373	3.4145	3.5039	Ave		3.2618				8.3		20.0			
sec-Butylbenzene	3.0201 4.1946	3.3654	4.4135	4.4424	4.5620	Ave		3.9997				16.1		20.0			
1,3-Dichlorobenzene	1.5457 1.5557	1.4955	1.7187	1.6278	1.6616	Ave		1.6008			0.6000	5.2		20.0			
1,4-Dichlorobenzene	1.6450 1.4785	1.5041	1.6962	1.5904	1.6166	Ave		1.5885			0.5000	5.3		20.0			
4-Isopropyltoluene	2.6763 3.4698	2.9588	3.7022	3.6688	3.7814	Ave		3.3762				13.4		20.0			
1,2,3-Trimethylbenzene	3.1007 3.2966	3.0877	3.7059	3.6932	3.4364	Ave		3.3868				8.1		20.0			
Benzyl chloride	1.4308 1.3912	1.3046	1.4660	1.4275	1.3696	Ave		1.3983				4.1		20.0			
Indan	2.9272 2.8944	2.9709	3.4692	3.3152	3.0754	Ave		3.1087				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.7224 1.6562	1.6371	1.8866	1.7625	1.7918	Ave		1.7428			0.4000	5.3		20.0			
p-Diethylbenzene	1.5773 1.6099	1.5592	1.9523	1.8292	1.6606	Ave		1.6981				9.3		20.0			
n-Butylbenzene	1.5609 1.6560	1.6072	2.0222	1.8450	1.8238	Ave		1.7525				10.0		20.0			
1,2-Dibromo-3-Chloropropane	0.2241 0.2271	0.2130	0.2381	0.2400	0.2334	Ave		0.2293			0.0500	4.4		20.0			
1,2,4,5-Tetramethylbenzene	3.1205 3.3824	3.1264	3.8805	3.7282	3.4023	Ave		3.4400				9.0		20.0			
1,3,5-Trichlorobenzene	1.4704 1.4214	1.3887	1.6967	1.5180	1.3828	Ave		1.4797				8.0		20.0			
1,2,4-Trichlorobenzene	1.6562 1.4904	1.3795	1.6438	1.4801	1.4695	Ave		1.5199			0.2000	7.1		20.0			
Hexachlorobutadiene	0.6319 0.8823	0.6098	0.8079	0.7952	0.8448	Ave		0.7620				14.9		20.0			
Naphthalene	5.8311 3.6128	3.6911	4.0275	3.8627	3.6875	Lin2	2.0929	3.6733							0.9960		0.9900
1,2,3-Trichlorobenzene	1.7698 1.6020	1.5028	1.7445	1.6040	1.5973	Ave		1.6367				6.2		20.0			
Dibromofluoromethane (Surr)	0.3665 0.3194	0.3413	0.3597	0.3338	0.3208	Ave		0.3403				5.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3694 0.3396	0.3438	0.3670	0.3434	0.3406	Ave		0.3506				3.9		20.0			
Toluene-d8 (Surr)	1.6368 1.5570	1.5101	1.6135	1.5873	1.5708	Ave		1.5793				2.8		20.0			
4-Bromofluorobenzene	0.5090 0.4487	0.4705	0.4997	0.4604	0.4450	Ave		0.4722				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-719740/3	K18450.D
Level 2	STD5 460-719740/4	K18451.D
Level 3	STD20 460-719740/5	K18452.D
Level 4	STD50 460-719740/6	K18453.D
Level 5	STD200 460-719740/7	K18454.D
Level 6	STD500 460-719740/8	K18455.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	+++++ 152825	1474	7606	20130	66310	+++++ 500	5.00	20.0	50.0	200
1,1-Difluoroethane	FB	Ave	1967 1032361	10522	47883	113352	455739	1.00 500	5.00	20.0	50.0	200
Chlorotrifluoroethene	FB	Lin2	607 679407	6023	29884	74944	291522	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	4038 2811355	24430	111471	294989	1229012	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Lin2	1108 349060	4259	16534	37203	145604	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6946 3440771	37326	163702	390470	1536106	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4365 2127653	22658	102556	242093	969621	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4572 2379374	25956	115582	269742	1061576	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3425 1538245	19394	76055	175299	715718	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2726 1079227	14556	58610	126484	526236	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7019 2671600	34706	142979	317845	1315054	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd9	Ave	777 439705	5547	24593	55290	211035	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	4486 2314488	24757	110107	252443	1062425	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2664 1087590	14547	59265	130382	562947	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	2257 +++++	15494	80528	168753	627367	1.00 +++++	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2273 1310408	14049	60088	138842	599990	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethanol	TBAd9	Ave	1004 383714	6647	21355	48116	177824	40.0 20000	200	800	2000	8000
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	3952 2283043	24307	104965	255237	1055883	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	51210 238923	105982	145464	180998	221414	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	2516 1539832	14790	69016	168946	691181	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	7292 2602662	32135	115794	295637	1449841	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2147 1605894	15019	74460	177270	708367	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	5907 3236012	32738	144321	350283	1441516	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	QuaF	4235 1764711	13939	59951	148172	741681	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	11411 6676392	66677	318886	738555	3023137	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	Ave	4480 2223989	25664	107656	260497	1048087	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd9	Ave	5374 2473062	27170	114435	300903	1168952	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	3182 1595069	16896	69521	161380	630032	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	8218 4092432	44400	207142	475090	1809352	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	5550 +++++	22412	91753	213908	867272	1.00 +++++	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	6750 2281954	29425	111945	270555	1008788	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	14865 5897920	74249	301173	726834	2788382	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	2956 1612334	18082	80193	186002	753577	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9110 4135550	49475	205328	479302	1953303	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2814 1459640	15694	72237	180978	689590	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5968 3134579	34454	151779	374288	1489348	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd9	QuaF	1144 612200	5535	25529	64855	281786	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl ether	FB	Ave	12592 5444879	62780	275044	665746	2562232	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	2616 1553376	15519	71959	178551	709618	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7283 5131589	66781	267374	607118	2353163	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3767 1918192	21281	92760	218535	897601	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1732 764665	8544	38399	87699	351893	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2433 1019869	10473	41764	107411	485209	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	872 374217	3476	14180	36607	163341	2.00 1000	10.0	40.0	100	400
Propionitrile	TBAd9	Ave	6230 2671887	31103	123947	303231	1150983	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	QuaF	4222 1934171	12677	50380	142166	831846	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	13306 6621989	70602	296205	737583	2973845	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	1871 908789	10237	44211	102482	427124	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	959 454085	4970	20015	50569	201683	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	6175 2927158	33342	144995	336570	1368352	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4212 2543577	25760	119875	280476	1144397	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3817 2630482	24451	124445	292776	1195530	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4292 2298345	23134	106258	254274	1071337	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3431 2237472	21196	101328	243324	1009185	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	QuaF	890 627652	5615	26511	65351	284373	25.0 12500	125	500	1250	5000
Benzene	CBNZd5	Ave	13149 6971922	70069	315922	755955	3223401	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4493 2221190	22705	96827	233989	1013823	1.00 500	5.00	20.0	50.0	200
2,2,4-Trimethylpentane	FB	Ave	9776 6639545	61832	333461	806307	2998917	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	12781 6282086	67349	294380	718631	2803236	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	2763 1436687	15203	65244	155696	632956	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	18394 1384744	30423	80433	169880	664250	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	QuaF	3496 1736277	13877	58837	156801	680892	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	2531 1762530	15543	71978	179107	796332	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	516 282080	2477	10024	24787	109533	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4484 3112363	28348	144885	349818	1437912	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3124 1794349	17124	76522	186150	818492	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1838 1085415	9971	43705	107772	477012	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3264 2163159	17382	74156	195329	861858	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Lin2	463 +++++	4941	20231	51467	202376	20.0 +++++	100	400	1000	4000
n-Propyl acetate	FB	Ave	4955 2221157	19693	83081	215921	894650	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	3723 2356729	20045	90057	226155	1035063	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Lin2	2121 837662	8008	29169	73805	333600	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	462 +++++	2518	10976	31112	151660	1.00 +++++	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	5571 3366482	28552	119474	315342	1418391	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	3887 2814711	20960	93828	242509	1186521	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	16070 7936275	84690	365615	901486	3632948	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	11416 6796307	59539	266093	654741	2962373	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3314 2285194	17241	75371	194524	943814	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBNZ d5	Ave	3079 1895784	16812	74031	183743	816892	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	1765 1151664	10078	43268	108663	494713	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	2175 1690250	13702	62955	157139	723785	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	3372 2277057	18711	80986	203726	953315	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	9700 4710964	49444	199765	496489	2112669	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	2430 1656941	12957	57305	146267	694471	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	4964 2197187	23103	94100	225340	915063	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2032 1366331	11096	48823	122999	571743	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	6659 4311107	35884	160593	386950	1817552	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2934 1831611	16879	74040	182984	809205	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	3535 2284337	20204	92804	220547	990583	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	4779 2804444	25316	114411	271011	1217264	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	4899 2905872	27068	123895	301484	1303260	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	7264 4340231	39191	178173	423120	1886226	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	2258 1044817	11176	48390	112272	444855	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	1654 1090074	9108	40225	99213	456225	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	6178 2386801	28549	117102	271813	1025215	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	11201 7623599	69078	332386	799381	3397561	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	2860 1806153	17237	72057	170873	765562	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3526 1935607	19521	84339	201299	835486	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	929 464090	4872	20139	47247	200838	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	938 395801	4438	17649	41984	172430	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCBd 4	Ave	13117 8542493	81981	382030	882870	3740368	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	8530 5210078	50701	229059	529428	2273457	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	10869 6519454	66279	304013	701942	2718912	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	8711 5022694	49439	215426	490518	2143148	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	9746 6669817	59250	284446	669500	2895477	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	3580 2055208	18798	88811	211894	852512	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	QuaF	6654 5725196	41968	212988	543484	2477043	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	11219 6504772	62322	288677	666654	2849441	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	11280 8477037	72514	360178	867337	3709950	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	5773 3143955	32223	140258	317824	1351226	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	6144 2988020	32408	138425	310514	1314686	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	9996 7012266	63753	302131	716308	3075104	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	11581 6662221	66531	302432	721060	2794585	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	5344 2811493	28111	119636	278700	1113789	1.00 500	5.00	20.0	50.0	200
Indan	DCBd 4	Ave	10933 5849445	64013	283116	647272	2500977	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	6433 3347102	35274	153964	344107	1457174	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	5891 3253558	33595	159320	357140	1350479	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	5830 3346572	34629	165029	360229	1483141	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	837 459014	4589	19430	46853	189777	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	11655 6835478	67363	316678	727904	2766841	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	5492 2872530	29921	138464	296372	1124542	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719740

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCBd 4	Ave	6186 3012009	29723	134146	288968	1195031	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	2360 1782959	13139	65935	155251	687028	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Lin2	21779 7301152	79531	328675	754169	2998801	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	6610 3237545	32380	142362	313173	1298946	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	173080 174678	178660	183503	177179	187532	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	174458 185713	179938	187231	182272	199153	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	517116 649814	542719	561309	567678	647105	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	160791 187250	169093	173827	164646	183310	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Aug-2020 20:35:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0115799-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:35:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:21:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.074	1.074	0.000	21	1967	1.00	1.01	
2 Chlorotrifluoroethene	116	1.107	1.112	-0.005	46	607	1.00	1.00	
5 Chlorodifluoromethane	67	1.150	1.129	0.021	92	1108	1.00	0.9856	M
4 Dichlorodifluoromethane	85	1.118	1.134	-0.016	84	4038	1.00	0.8450	a
6 Chloromethane	50	1.249	1.249	0.000	96	6946	1.00	1.03	
7 Butadiene	54	1.276	1.281	-0.005	90	4365	1.00	1.04	
8 Vinyl chloride	62	1.303	1.309	-0.006	88	4572	1.00	0.9867	
9 Bromomethane	94	1.494	1.489	0.005	97	3425	1.00	1.08	
10 Chloroethane	64	1.527	1.521	0.006	82	2726	1.00	1.14	M
11 Dichlorofluoromethane	67	1.669	1.669	0.000	98	7019	1.00	1.19	
13 Pentane	72	1.685	1.712	-0.027	98	777	2.00	1.51	M
12 Trichlorofluoromethane	101	1.723	1.718	0.005	93	4486	1.00	1.00	
15 Ethyl ether	59	1.827	1.838	-0.011	92	2664	1.00	1.10	a
16 2-Methyl-1,3-butadiene	53	1.854	1.865	-0.011	86	2257	1.00	0.7883	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	0.000	74	2273	1.00	0.9249	Ma
14 Ethanol	46	1.838	1.903	-0.065	70	1004	40.0	40.4	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.892	1.914	-0.022	90	3952	1.00	0.9140	a
19 Acrolein	56	1.931	1.931	0.000	96	51210	100.0	108.8	
21 1,1-Dichloroethene	96	1.996	2.007	-0.011	79	2516	1.00	0.8967	
22 Acetone	43	2.023	2.034	-0.011	83	7292	5.00	6.32	M
20 112TCTFE	101	2.023	2.040	-0.017	40	2147	1.00	0.7537	
23 Iodomethane	142	2.116	2.116	0.000	96	5907	1.00	0.9808	
24 Isopropyl alcohol	45	2.165	2.171	-0.006	89	4235	10.0	10.5	M
25 Carbon disulfide	76	2.171	2.171	0.000	97	11411	1.00	0.9119	M
26 3-Chloro-1-propene	39	2.236	2.242	-0.006	86	4480	1.00	1.00	a
27 Methyl acetate	43	2.252	2.258	-0.006	80	5374	2.00	1.92	
29 Acetonitrile	41	2.296	2.285	0.011	43	3182	10.0	9.66	Ma
28 Cyclopentene	67	2.307	2.307	0.000	92	8218	1.00	1.01	
31 Methylene Chloride	84	2.334	2.340	-0.006	95	5550	1.00	1.31	
* 30 TBA-d9 (IS)	65	2.400	2.405	-0.005	95	375269	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.454	2.476	-0.022	34	6750	10.0	12.2	M
35 Acrylonitrile	53	2.503	2.509	-0.006	95	14865	10.0	11.6	
34 trans-1,2-Dichloroethene	96	2.525	2.531	-0.006	95	2956	1.00	0.9302	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	94	9110	1.00	1.07	
36 Hexane	43	2.738	2.738	0.000	92	2814	1.00	0.9640	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	87	5968	1.00	0.9601	
39 Vinyl acetate	86	2.885	2.891	-0.006	100	1144	2.00	1.39	M
37 Isopropyl ether	45	2.924	2.918	0.006	89	12592	1.00	1.11	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	80	2616	1.00	0.8984	
41 Tert-butyl ethyl ether	59	3.207	3.213	-0.006	70	7283	1.00	0.7178	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	95	270983	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.316	3.327	-0.011	97	3767	1.00	0.99	
43 2,2-Dichloropropane	79	3.322	3.338	-0.016	49	1732	1.00	1.11	
46 2-Butanone (MEK)	72	3.349	3.349	0.000	95	2433	5.00	6.04	M
45 Ethyl acetate	70	3.398	3.366	0.032	92	872	2.00	2.50	
48 Propionitrile	54	3.398	3.398	0.000	89	6230	10.0	10.4	
47 Methyl acrylate	55	3.398	3.437	-0.039	67	4222	1.00	1.31	a
51 Methacrylonitrile	67	3.518	3.524	-0.006	92	13306	10.0	10.5	
50 Chlorobromomethane	128	3.529	3.535	-0.006	50	1871	1.00	1.03	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	63	959	2.00	2.15	
52 Chloroform	83	3.606	3.611	-0.005	97	6175	1.00	1.04	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.753	-0.005	97	173080	50.0	53.9	
54 1,1,1-Trichloroethane	97	3.780	3.786	-0.006	35	4212	1.00	0.8895	
53 Cyclohexane	84	3.846	3.840	0.006	91	3817	1.00	0.8016	a
57 1,1-Dichloropropene	75	3.928	3.928	0.000	92	4292	1.00	0.9827	
56 Carbon tetrachloride	117	3.939	3.944	-0.006	87	3431	1.00	0.8502	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	174458	50.0	52.7	
58 Isobutyl alcohol	74	4.113	4.124	-0.011	34	890	25.0	13.5	a
60 Benzene	78	4.124	4.130	-0.006	92	13149	1.00	1.04	
64 1,2-Dichloroethane	62	4.135	4.140	-0.005	91	4493	1.00	1.07	
59 Isooctane	57	4.206	4.217	-0.011	85	9776	1.00	0.7896	
62 Isopropyl acetate	43	4.233	4.233	0.000	89	12781	1.00	1.04	
63 Tert-amyl methyl ether	87	4.239	4.255	-0.016	97	2763	1.00	1.01	a
* 66 Fluorobenzene	96	4.402	4.408	-0.006	99	472217	50.0	50.0	a
65 n-Heptane	57	4.402	4.413	-0.011	36	18394	1.00	3.09	
68 n-Butanol	56	4.757	4.757	0.000	86	3496	25.0	24.3	
69 Trichloroethene	95	4.784	4.790	-0.006	96	2531	1.00	0.8384	
70 Ethyl acrylate	56	4.910	4.921	-0.011	96	516	1.00	1.11	
71 Methylcyclohexane	83	5.003	5.008	-0.006	93	4484	1.00	0.7981	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	91	3124	1.00	0.9626	
77 Dibromomethane	93	5.150	5.161	-0.011	92	1838	1.00	0.9692	
* 73 1,4-Dioxane-d8	96	5.144	5.166	-0.022	99	32056	1000.0	1000.0	
74 Methyl methacrylate	69	5.177	5.183	-0.006	93	3264	2.00	1.91	a
75 1,4-Dioxane	88	5.226	5.248	-0.022	30	463	20.0	19.8	M
76 n-Propyl acetate	43	5.259	5.264	-0.005	97	4955	1.00	1.26	a
78 Dichlorobromomethane	83	5.346	5.352	-0.006	99	3723	1.00	0.9393	
79 2-Nitropropane	41	5.614	5.614	0.000	92	2121	2.00	2.02	
67 2-Chloroethyl vinyl ether	63	5.728	5.723	0.005	1	462	1.00	0.8939	a
80 Epichlorohydrin	57	5.772	5.777	-0.005	98	5571	20.0	19.6	
81 cis-1,3-Dichloropropene	75	5.876	5.881	-0.005	94	3887	1.00	0.9356	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.116	-0.006	98	16070	5.00	5.12	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	517116	50.0	51.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.301	6.301	0.000	92	11416	1.00	1.02	
85 trans-1,3-Dichloropropene	75	6.601	6.607	-0.006	97	3314	1.00	0.9803	
86 Ethyl methacrylate	69	6.781	6.781	0.000	88	3079	1.00	0.99	
87 1,1,2-Trichloroethane	83	6.836	6.841	-0.005	86	1765	1.00	0.9573	
88 Tetrachloroethene	166	7.016	7.021	-0.005	96	2175	1.00	0.8391	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	96	3372	1.00	0.9616	
90 2-Hexanone	43	7.229	7.234	-0.005	97	9700	5.00	5.36	
92 Chlorodibromomethane	129	7.365	7.365	0.000	97	2430	1.00	0.9678	
91 n-Butyl acetate	43	7.447	7.458	-0.011	98	4964	1.00	1.24	
93 Ethylene Dibromide	107	7.496	7.496	0.000	97	2032	1.00	0.9650	
* 94 Chlorobenzene-d5	117	8.189	8.195	-0.006	87	315925	50.0	50.0	
95 Chlorobenzene	112	8.227	8.233	-0.006	97	6659	1.00	0.9843	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.380	0.005	92	2934	1.00	0.9582	
96 Ethylbenzene	106	8.435	8.435	0.000	98	3535	1.00	0.9446	
98 m-Xylene & p-Xylene	106	8.615	8.620	-0.005	0	4779	1.00	1.02	
100 o-Xylene	106	9.220	9.220	0.000	93	4899	1.00	0.9796	
101 Styrene	104	9.242	9.248	-0.006	96	7264	1.00	1.00	
99 n-Butyl acrylate	73	9.291	9.286	0.005	97	2258	1.00	1.16	
103 Bromoform	173	9.482	9.488	-0.006	94	1654	1.00	0.9697	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	6178	1.00	1.20	
104 Isopropylbenzene	105	9.831	9.831	0.000	95	11201	1.00	0.8713	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	160791	50.0	53.9	
106 Bromobenzene	156	10.230	10.235	-0.005	96	2860	1.00	0.8906	
107 1,1,2,2-Tetrachloroethane	83	10.344	10.339	0.005	97	3526	1.00	0.9601	
109 1,2,3-Trichloropropane	110	10.372	10.372	0.000	96	929	1.00	1.04	
110 trans-1,4-Dichloro-2-butene	53	10.432	10.437	-0.005	82	938	1.00	1.16	
108 N-Propylbenzene	91	10.503	10.503	0.000	98	13117	1.00	0.8313	
111 2-Chlorotoluene	91	10.584	10.590	-0.006	96	8530	1.00	0.8824	
112 4-Ethyltoluene	105	10.704	10.699	0.005	98	10869	1.00	0.8785	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	8711	1.00	0.9392	
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	93	9746	1.00	0.8182	
115 Butyl Methacrylate	87	11.081	11.081	0.000	95	3580	1.00	0.9475	
116 tert-Butylbenzene	119	11.321	11.321	0.000	94	6654	1.00	0.5706	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	97	11219	1.00	0.9209	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	11280	1.00	0.7551	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	94	5773	1.00	0.9655	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	96	186749	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	97	9996	1.00	0.7927	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	75	6144	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	98	11581	1.00	0.9155	
124 Benzyl chloride	91	12.041	12.036	0.005	99	5344	1.00	1.02	
125 2,3-Dihydroindene	117	12.156	12.161	-0.005	95	10933	1.00	0.9416	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	94	6433	1.00	0.9883	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	5891	1.00	0.9288	
127 n-Butylbenzene	92	12.336	12.341	-0.005	96	5830	1.00	0.8907	
130 1,2-Dibromo-3-Chloropropane	157	13.105	13.122	-0.017	54	837	1.00	0.9774	
129 1,2,4,5-Tetramethylbenzene	119	13.116	13.127	-0.011	97	11655	1.00	0.9071	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	95	5492	1.00	0.99	
132 1,2,4-Trichlorobenzene	180	13.875	13.896	-0.021	93	6186	1.00	1.09	
133 Hexachlorobutadiene	225	14.049	14.071	-0.022	94	2360	1.00	0.8292	
134 Naphthalene	128	14.076	14.104	-0.028	99	21779	1.00	1.02	
135 1,2,3-Trichlorobenzene	180	14.289	14.317	-0.028	93	6610	1.00	1.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.92	
S 137 Xylenes, Total	100				0		2.00	2.00	
S 139 Total BTEX	1				0		5.00	5.00	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	1.00	Units: uL	
524freon_00026	Amount Added:	1.00	Units: uL	
GASES Li_00383	Amount Added:	1.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Aug-2020 15:35:08 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D

Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9 Operator ID:

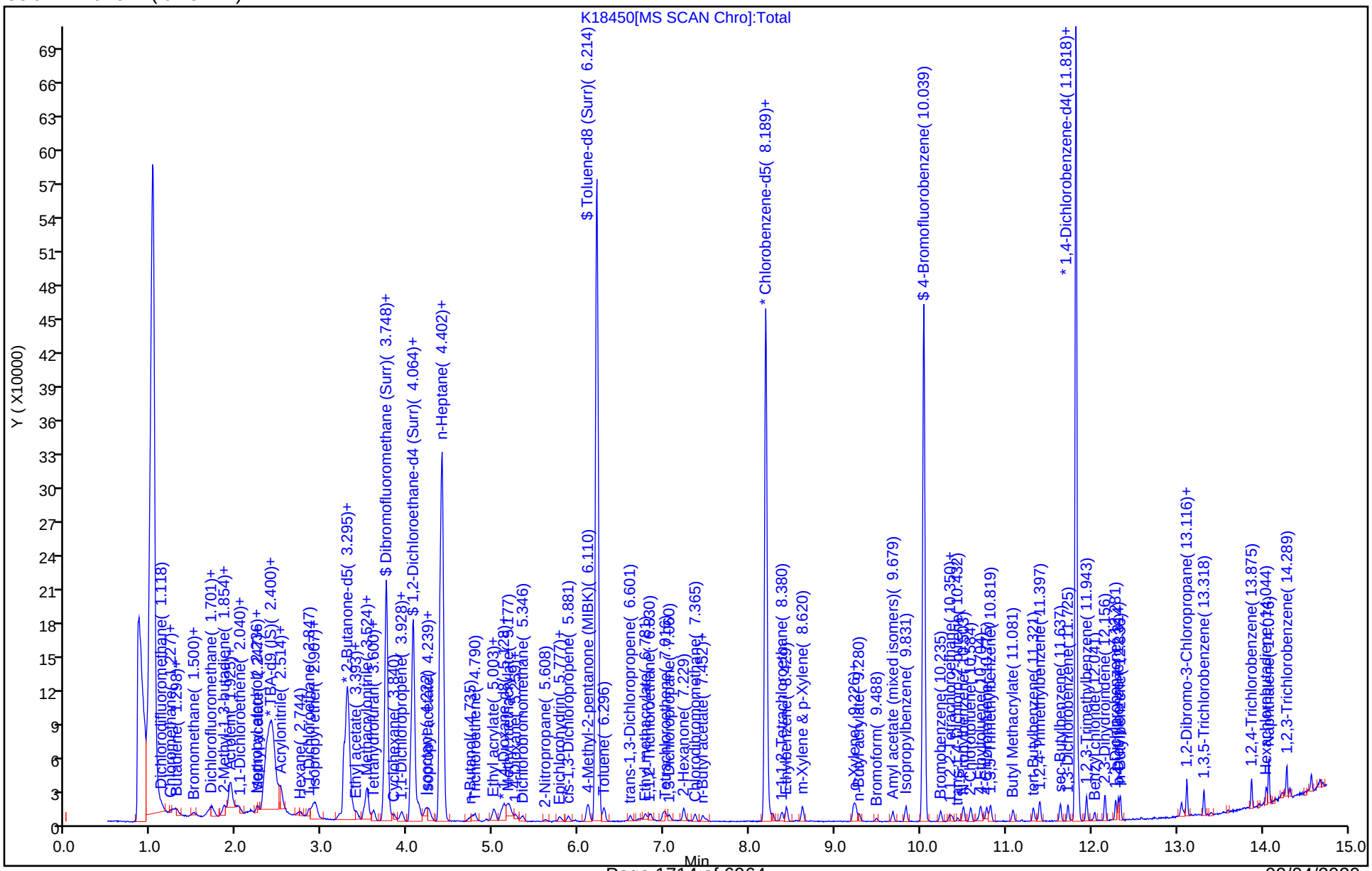
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

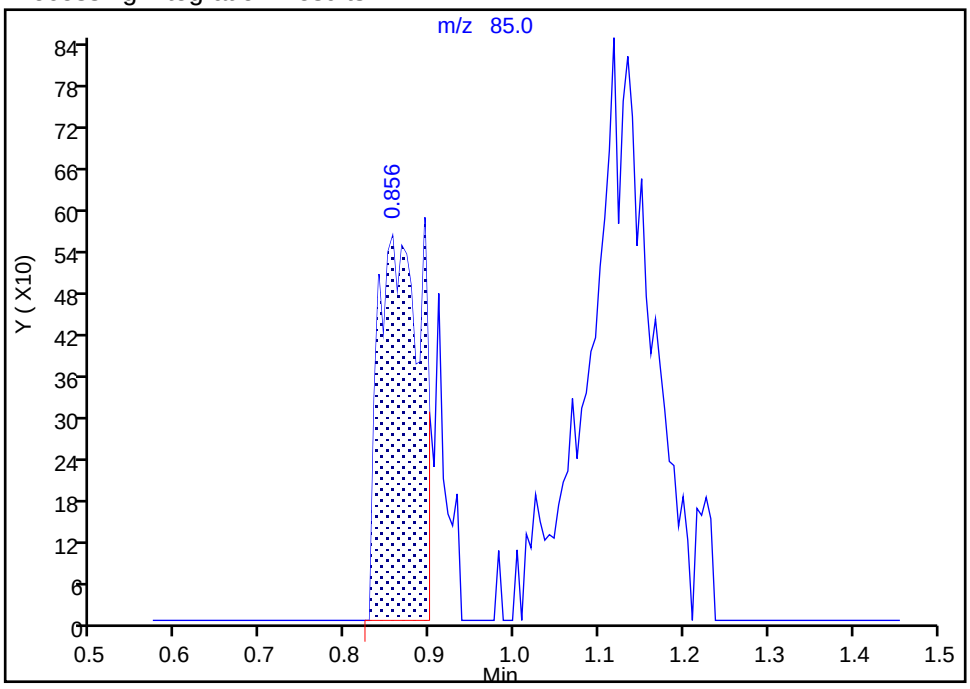
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

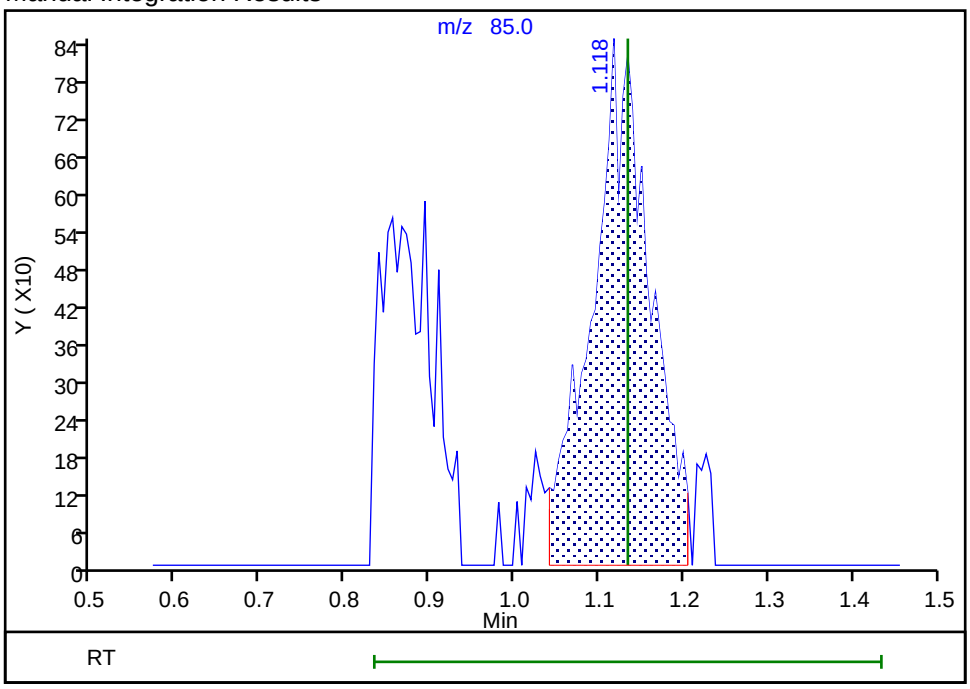
Processing Integration Results

RT: 0.86
Area: 1955
Amount: 0.385666
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 4038
Amount: 0.844994
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:31:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

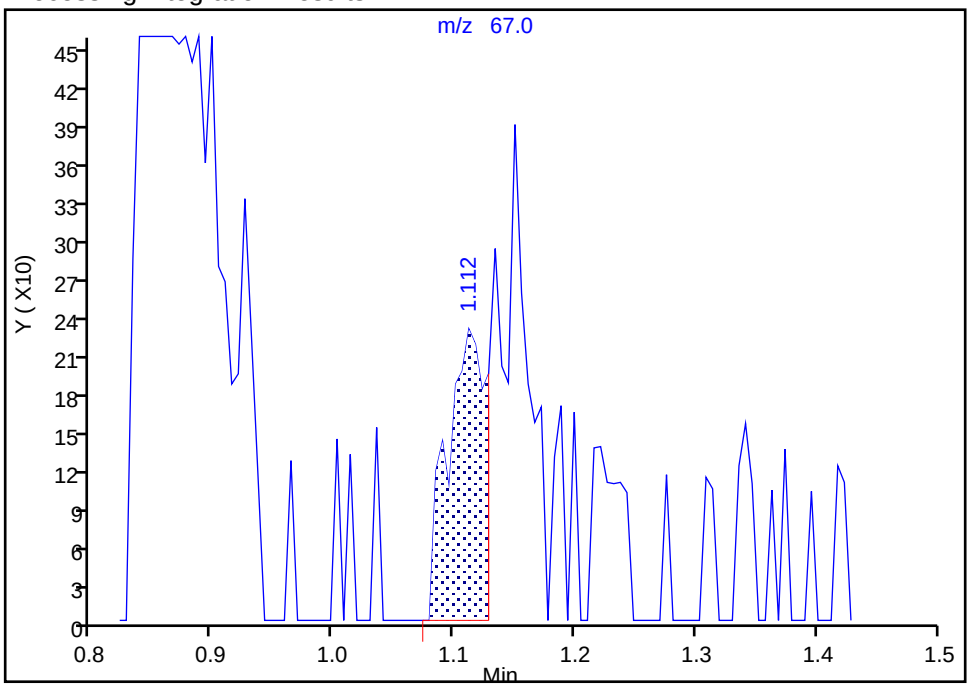
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

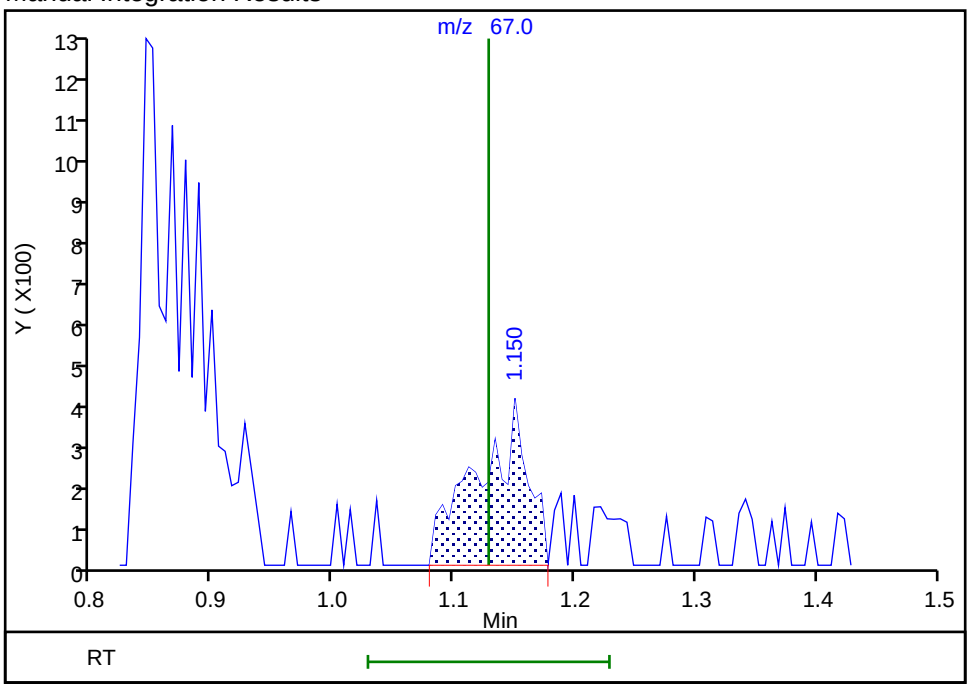
Processing Integration Results

RT: 1.11
Area: 510
Amount: 0.785321
Amount Units: ug/l



Manual Integration Results

RT: 1.15
Area: 1108
Amount: 0.985613
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:30:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

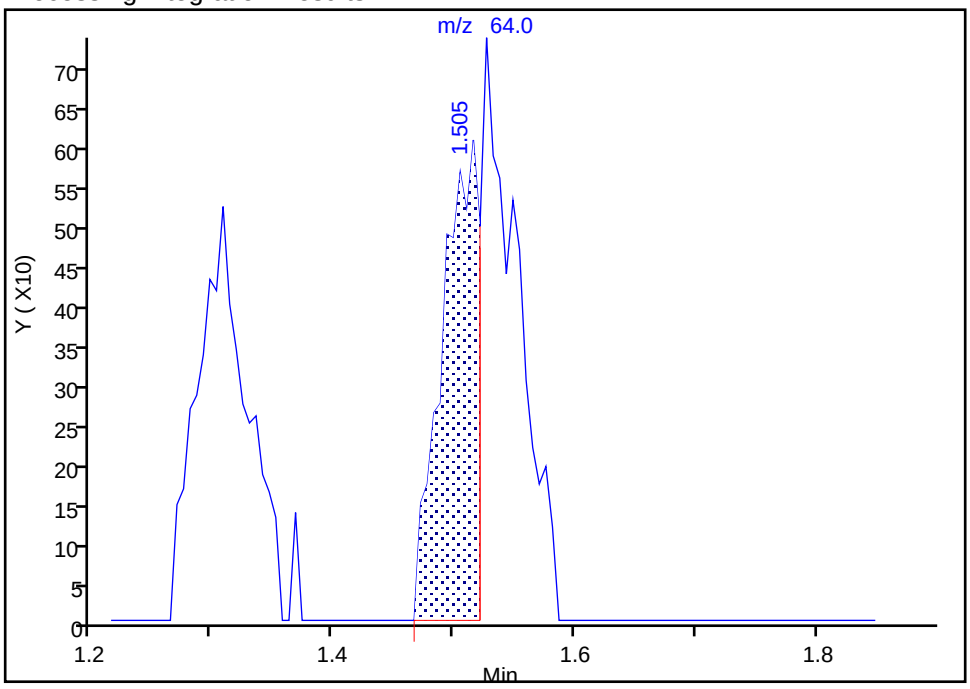
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

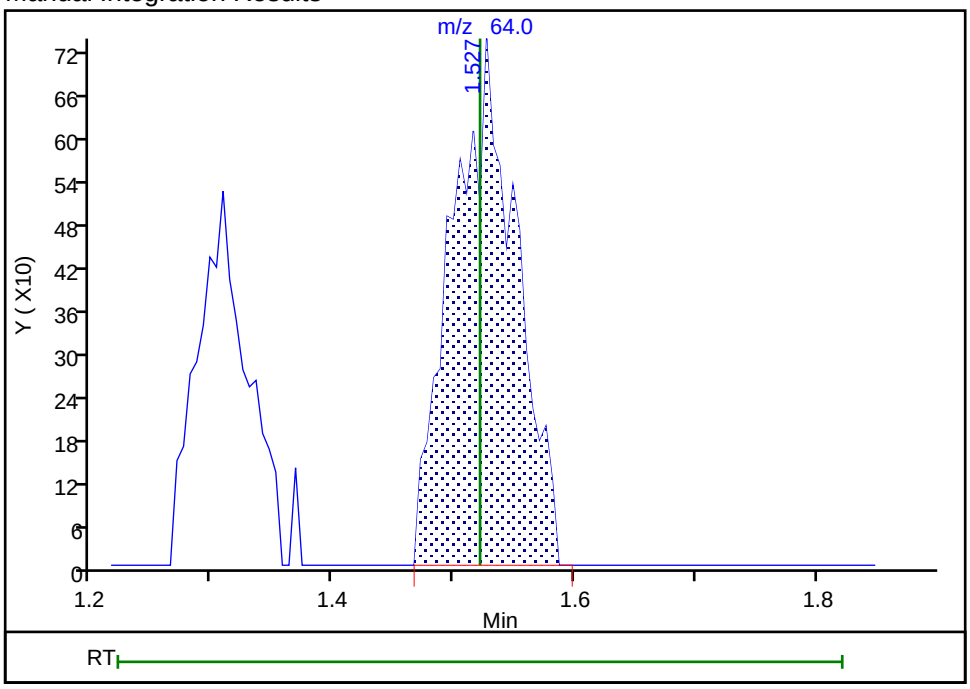
Processing Integration Results

RT: 1.50
Area: 1312
Amount: 0.568562
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 2726
Amount: 1.143412
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:31:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

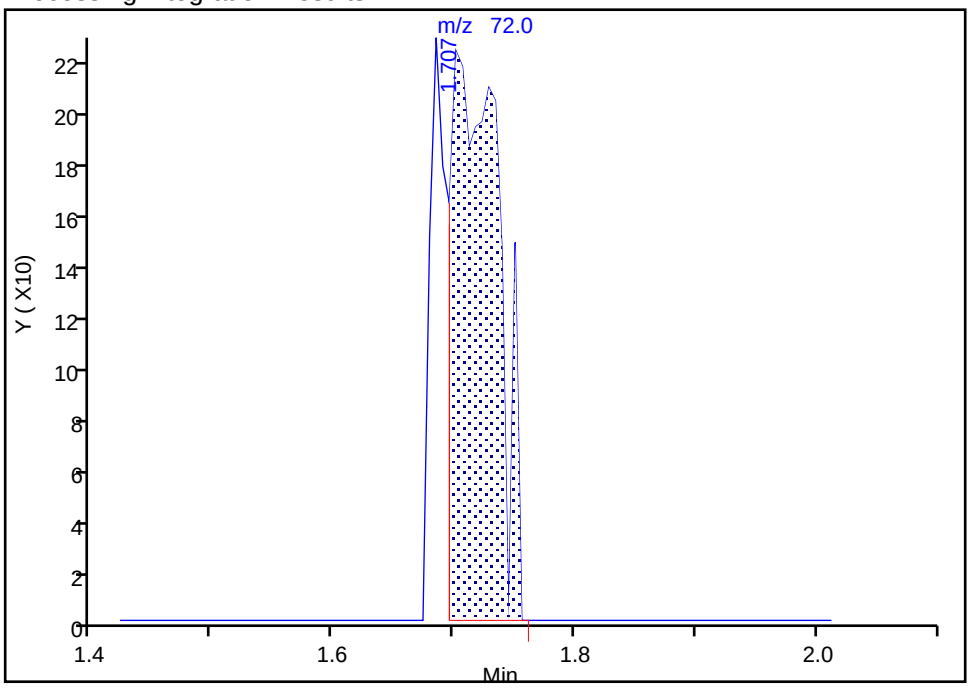
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

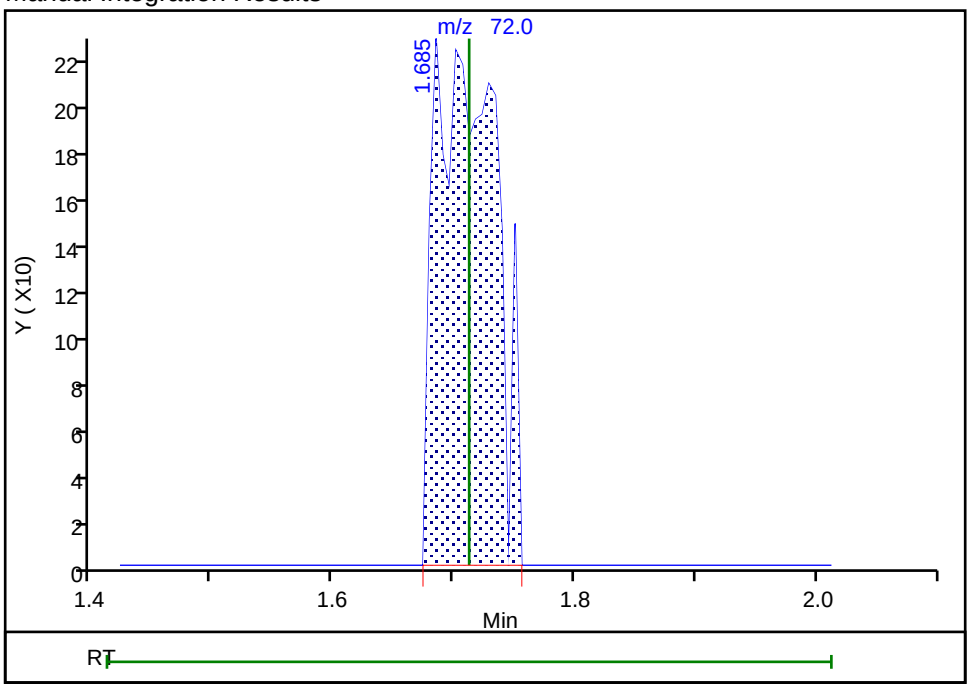
Processing Integration Results

RT: 1.71
Area: 599
Amount: 0.904067
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 777
Amount: 1.514791
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:31:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

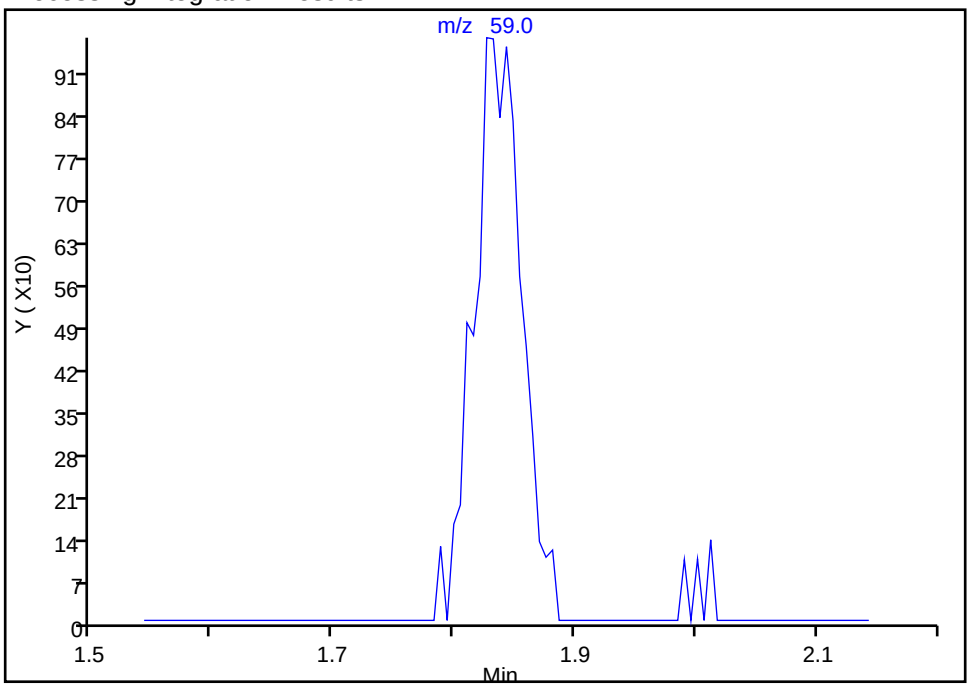
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Signal: 1

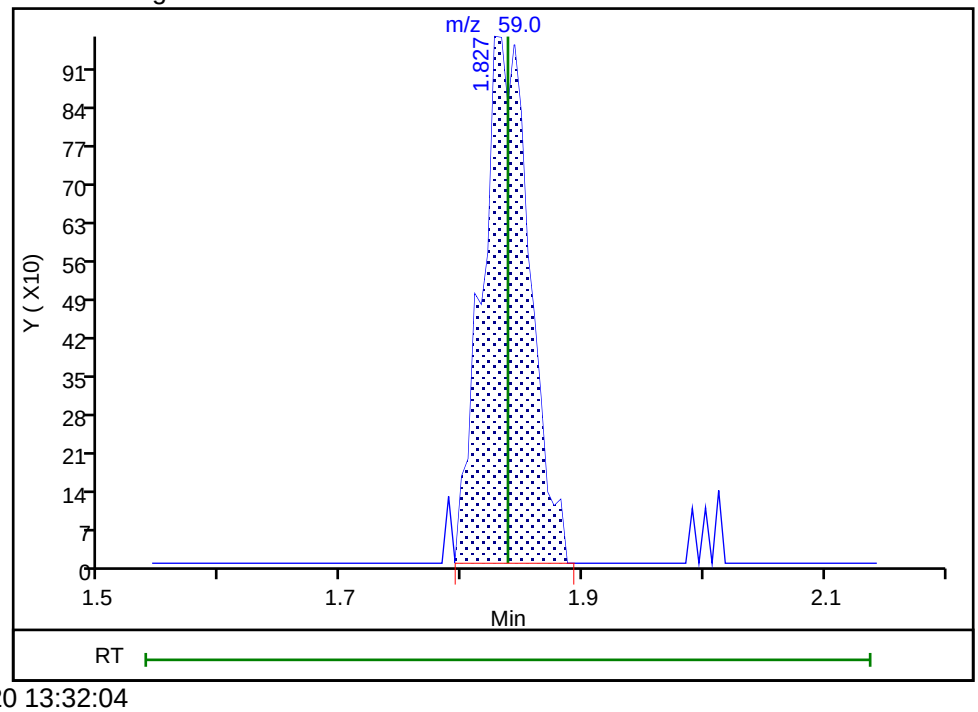
Not Detected
Expected RT: 1.84

Processing Integration Results



Manual Integration Results

RT: 1.83
Area: 2664
Amount: 1.102093
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

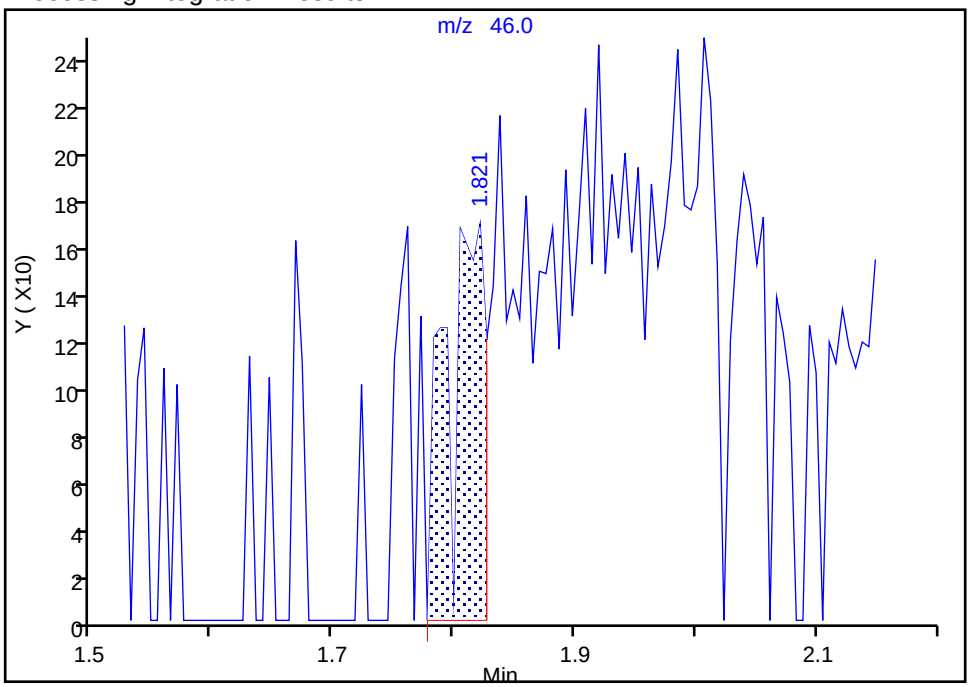
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

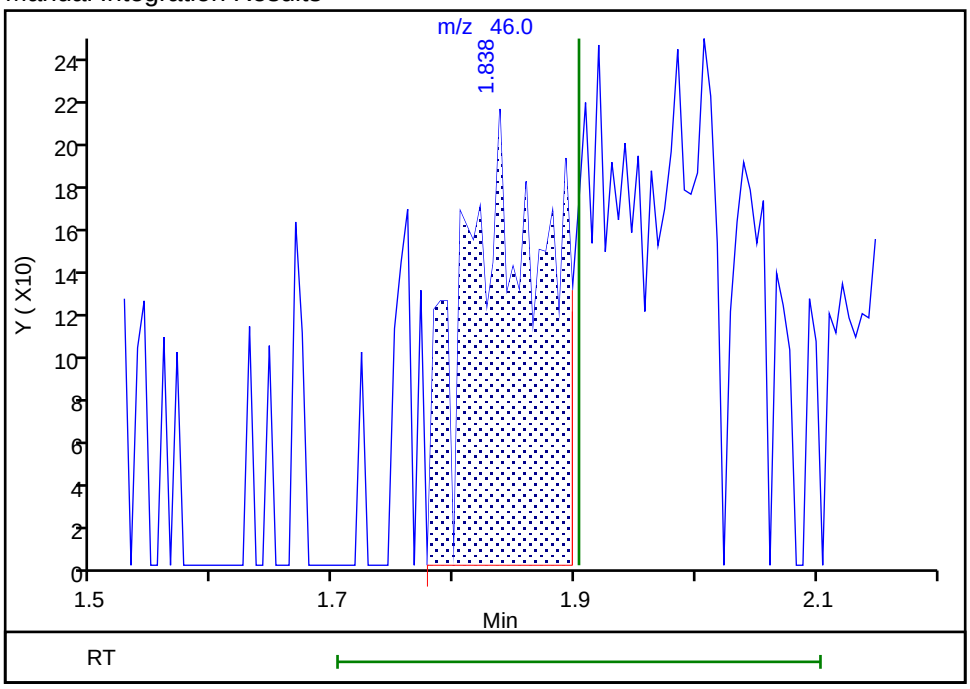
Processing Integration Results

RT: 1.82
Area: 371
Amount: 16.063925
Amount Units: ug/l



Manual Integration Results

RT: 1.84
Area: 1004
Amount: 40.394111
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

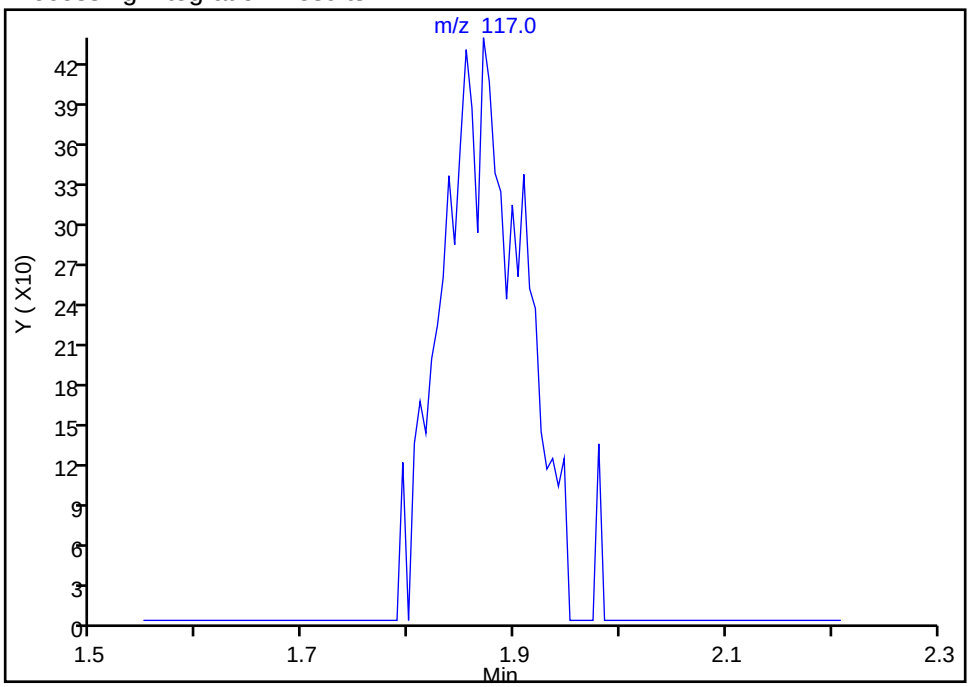
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

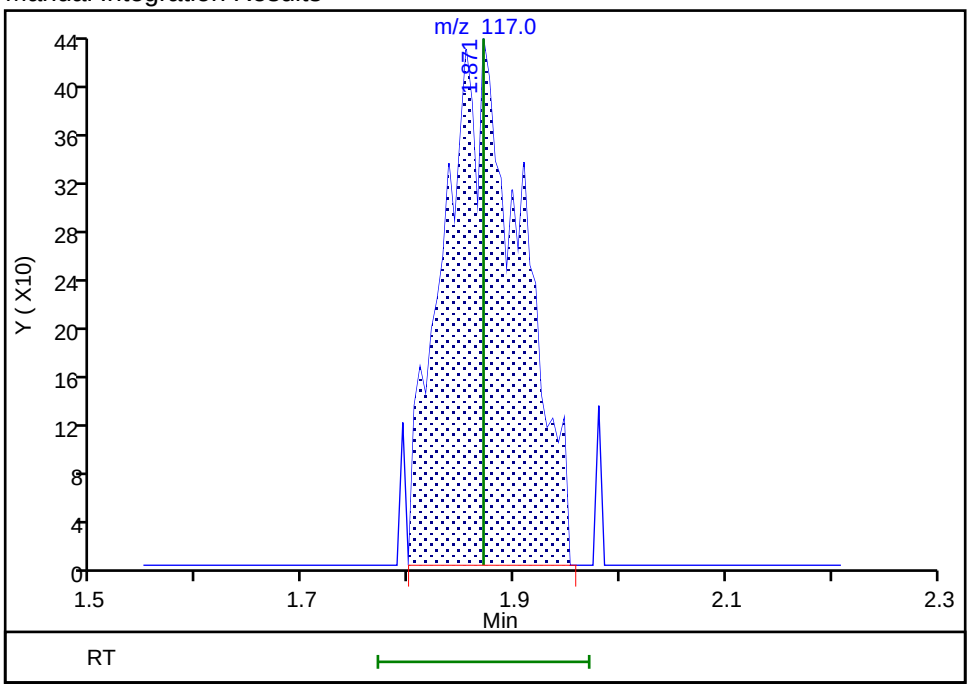
Processing Integration Results

Not Detected
Expected RT: 1.87



Manual Integration Results

RT: 1.87
Area: 2273
Amount: 0.924895
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

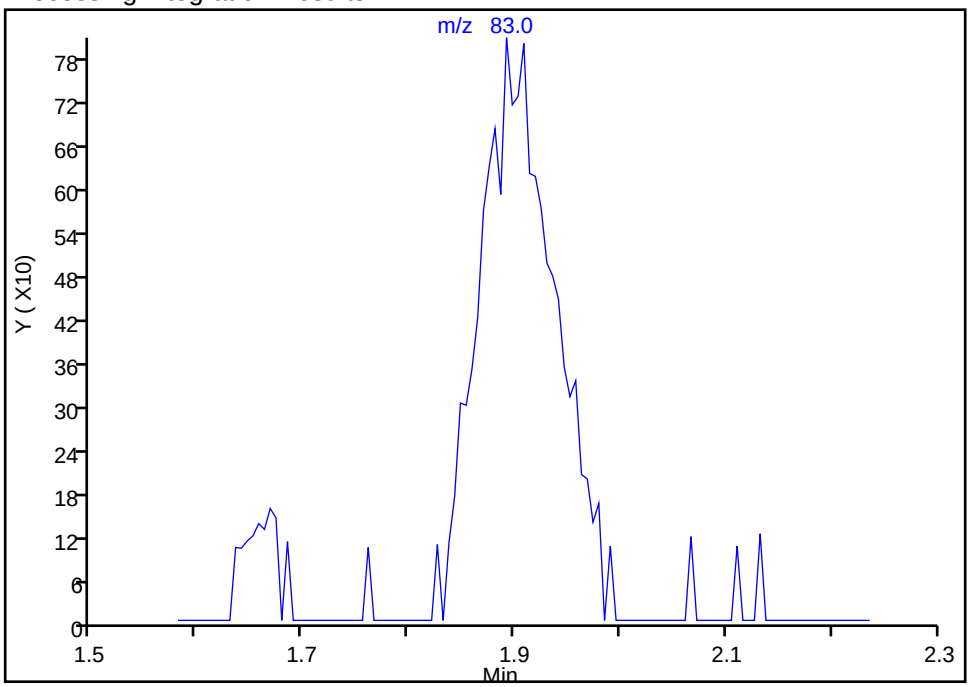
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

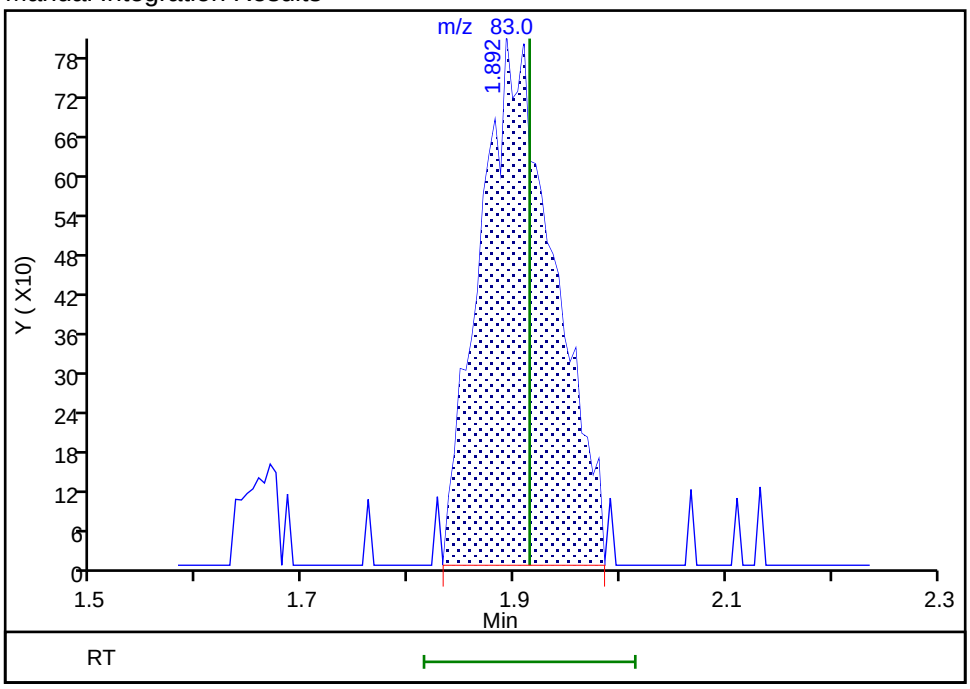
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.89
Area: 3952
Amount: 0.913960
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

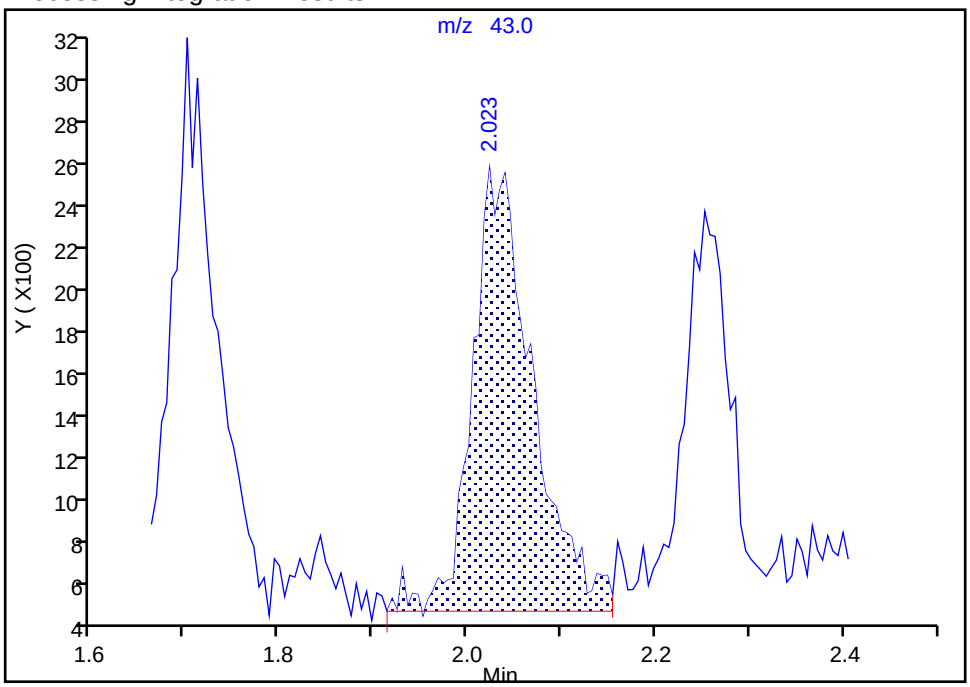
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

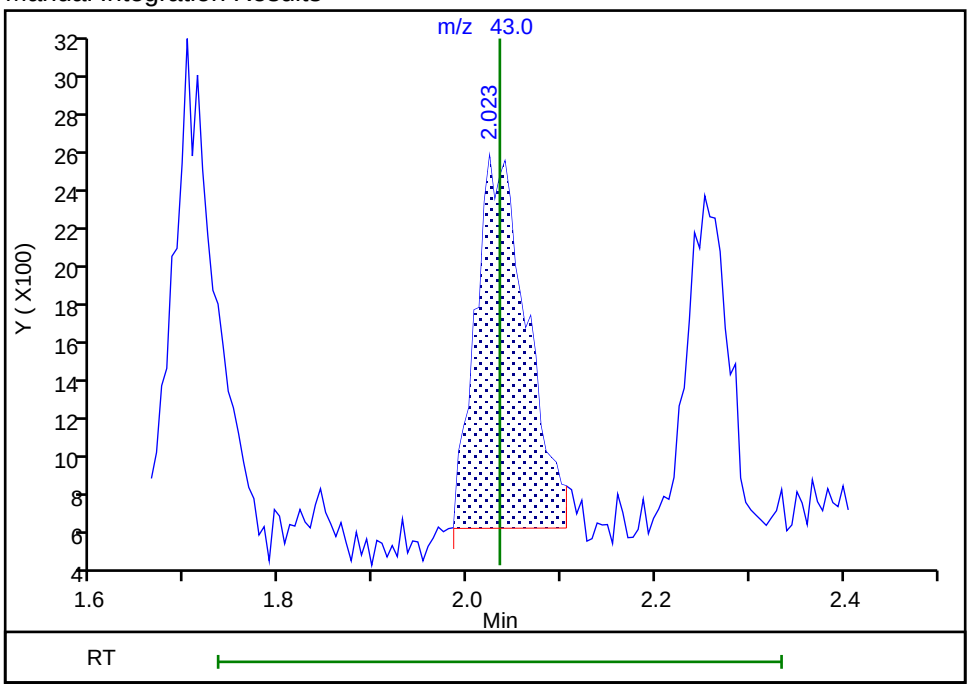
Processing Integration Results

RT: 2.02
Area: 9275
Amount: 6.890648
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 7292
Amount: 6.324743
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:04:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

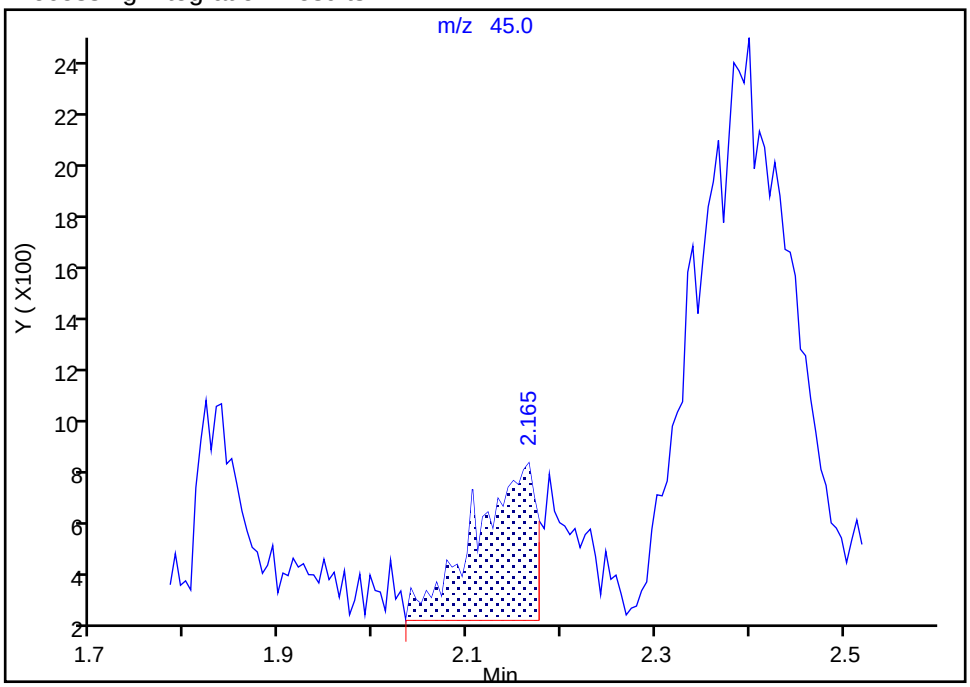
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

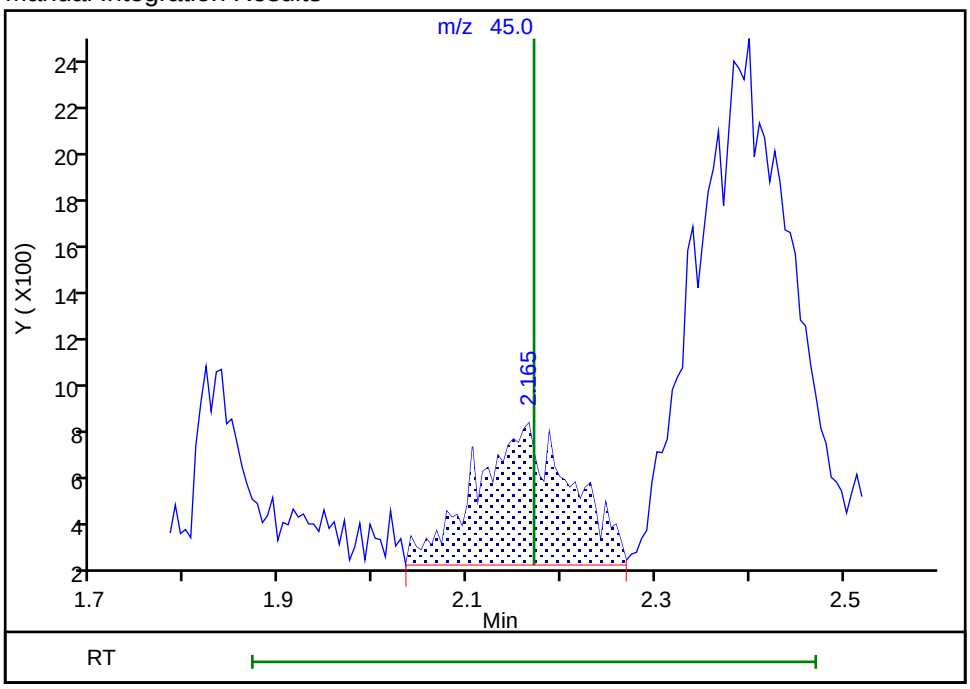
Processing Integration Results

RT: 2.17
Area: 2683
Amount: 6.355212
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 4235
Amount: 10.467640
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:33:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

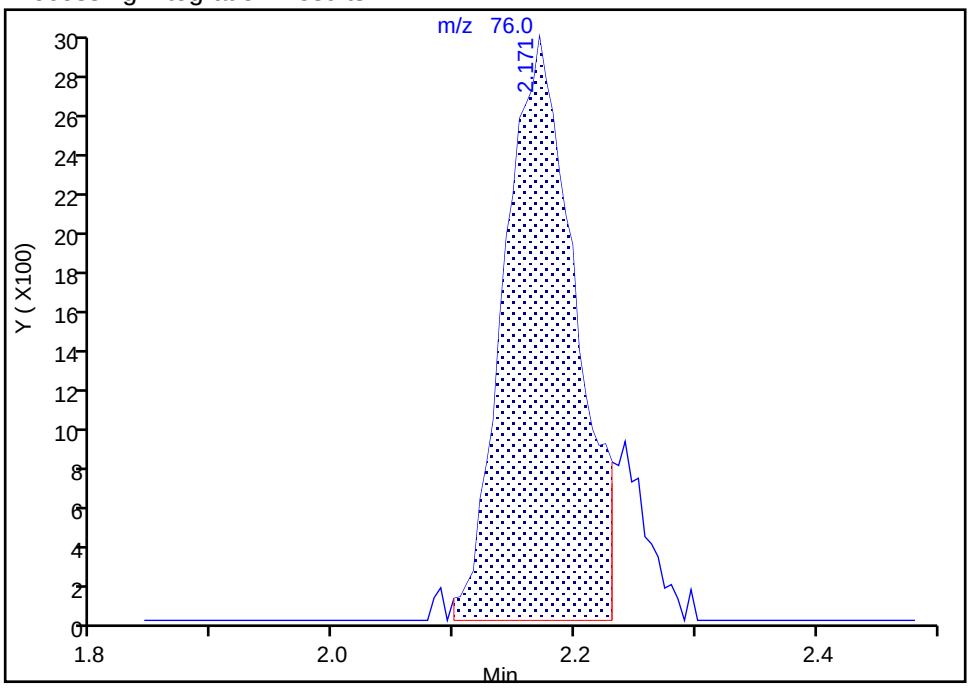
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

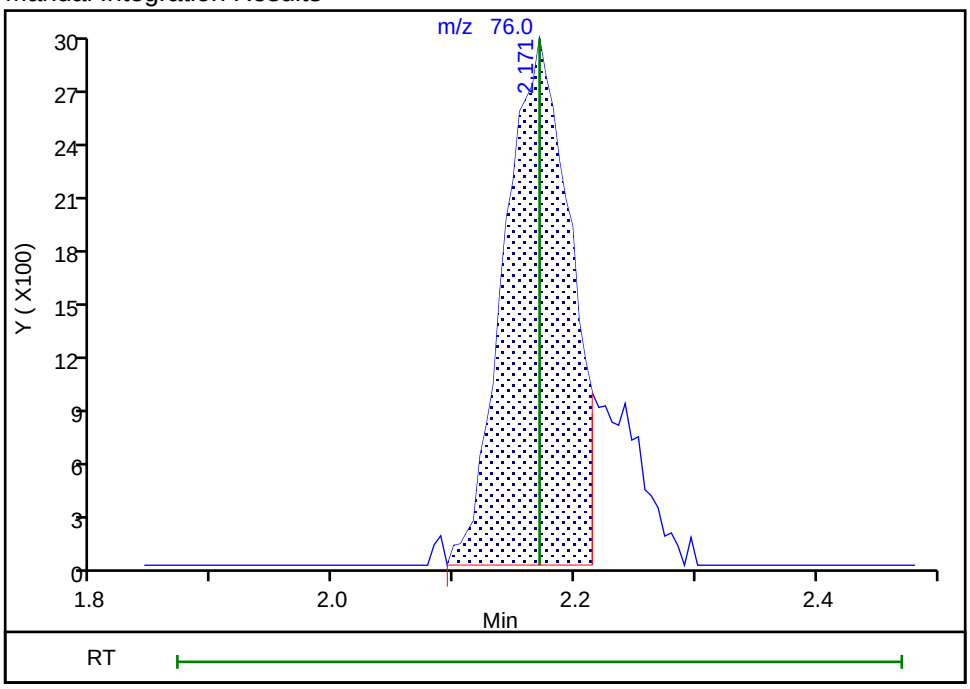
Processing Integration Results

RT: 2.17
Area: 12271
Amount: 0.910631
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 11411
Amount: 0.911900
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:47:49
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

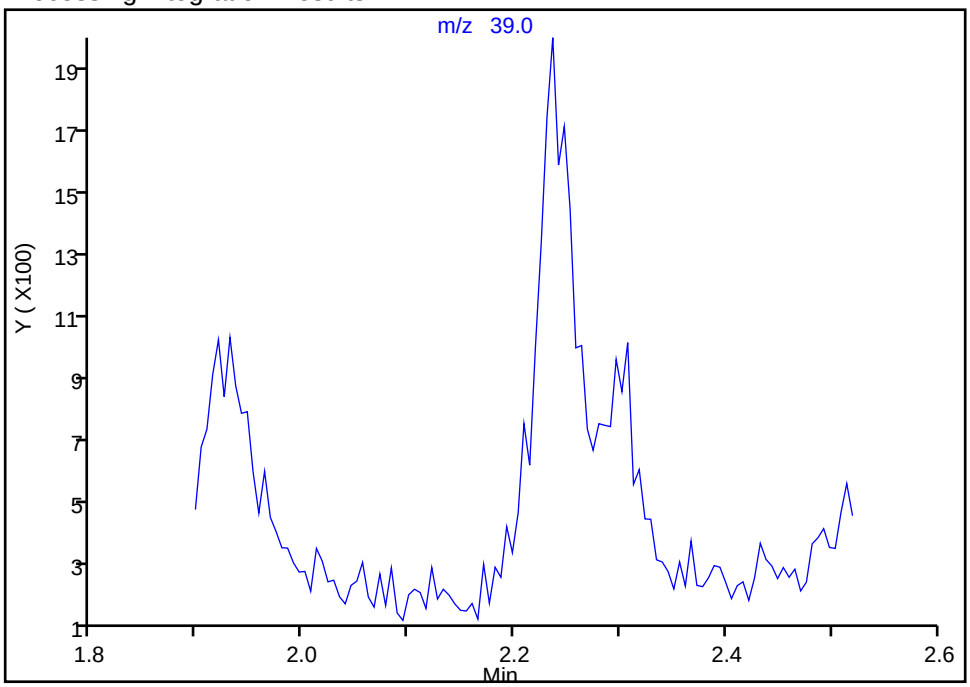
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

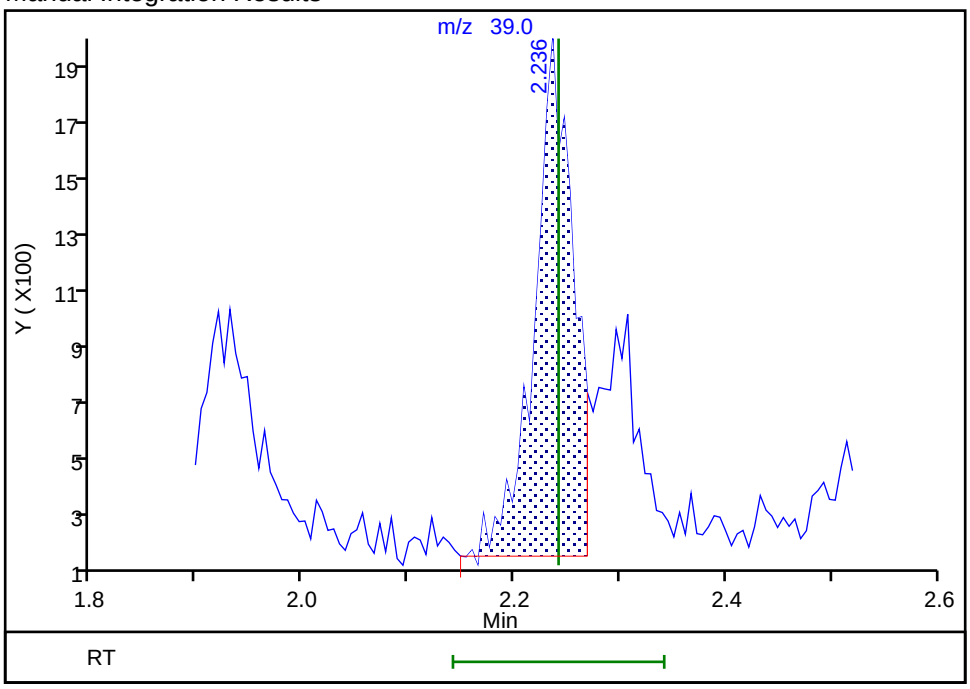
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 4480
Amount: 1.002919
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:33:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

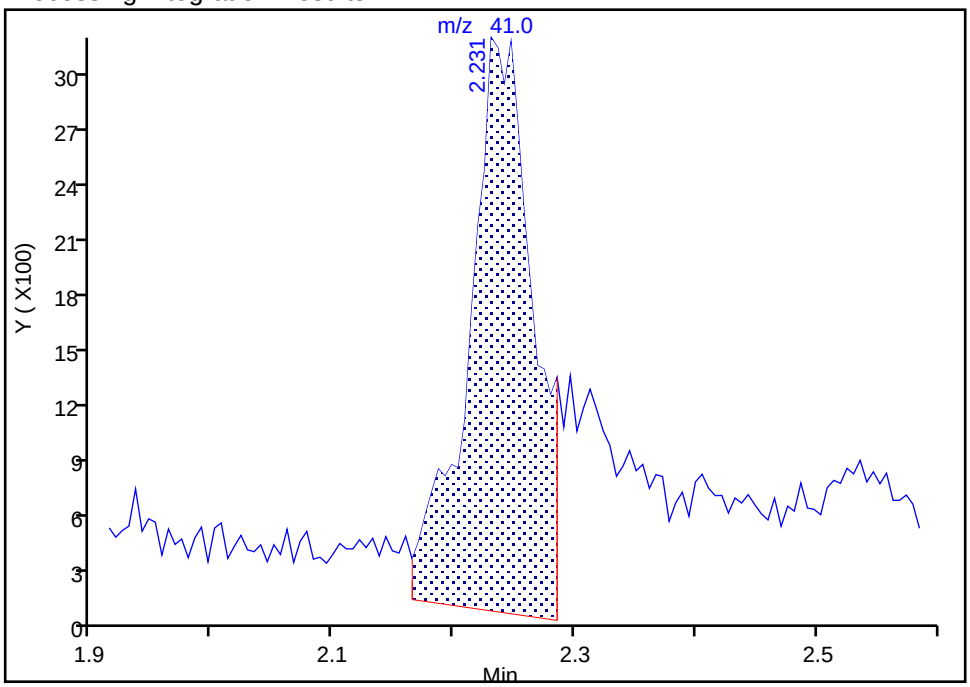
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

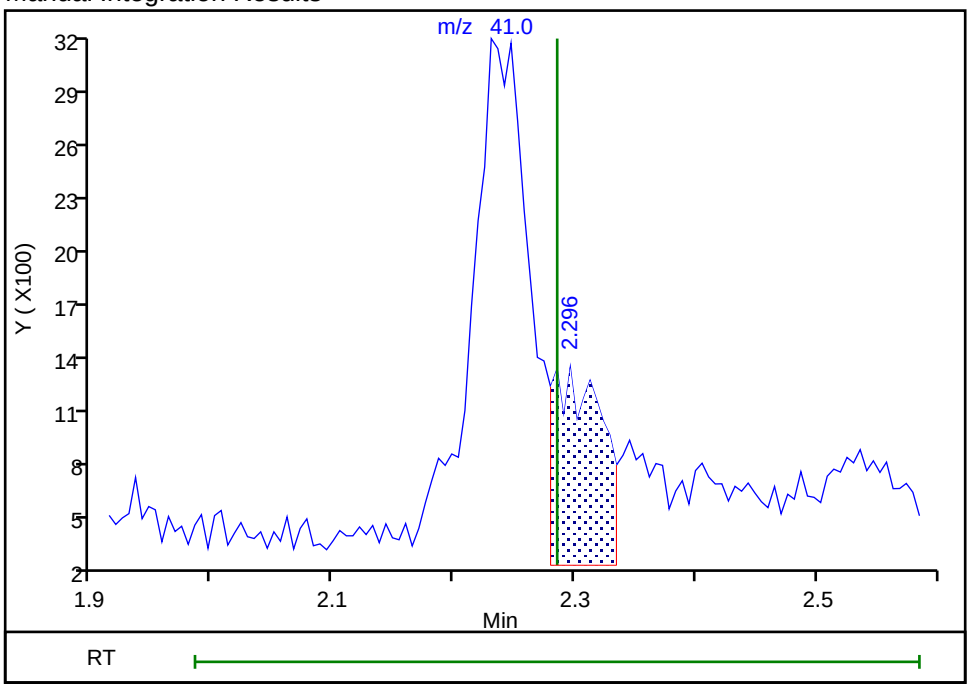
Processing Integration Results

RT: 2.23
Area: 11580
Amount: 7.379860
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 3182
Amount: 9.657890
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:06:31
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

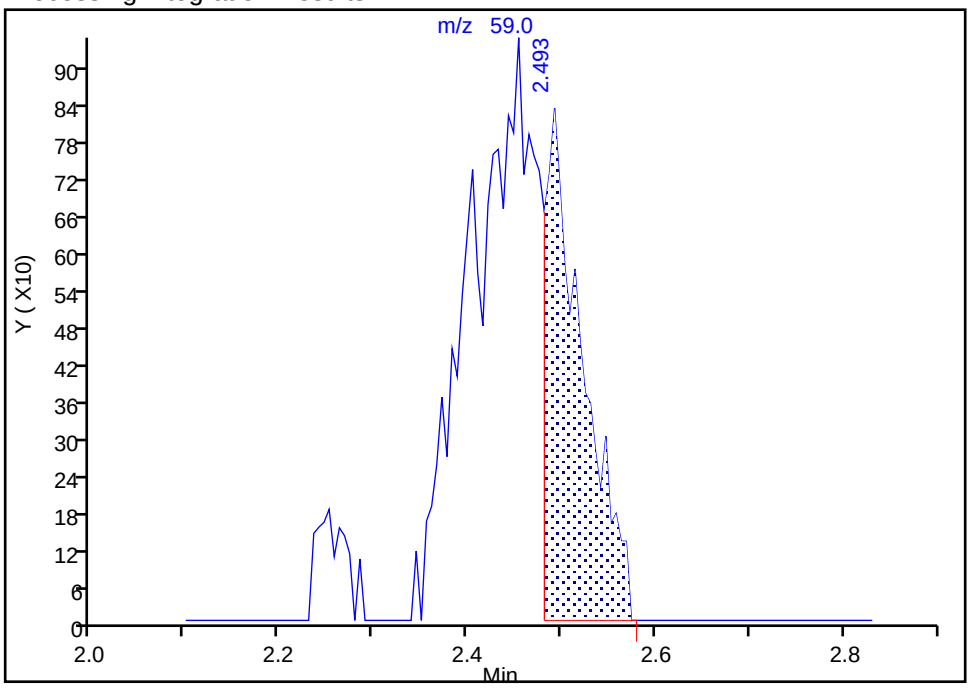
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

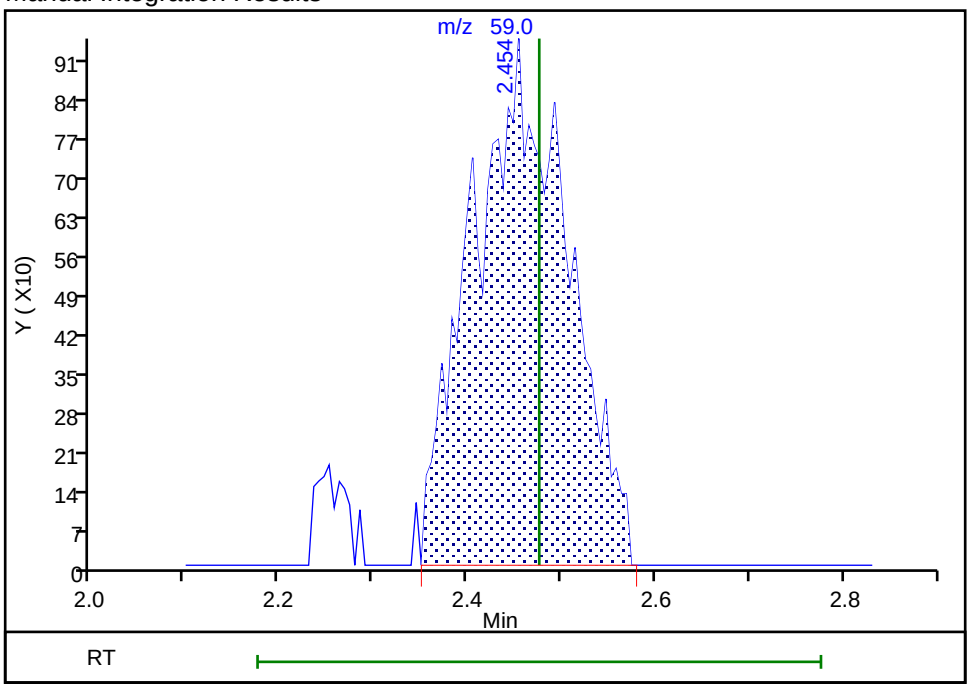
Processing Integration Results

RT: 2.49
Area: 2339
Amount: 14.668098
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 6750
Amount: 12.173243
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:34:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

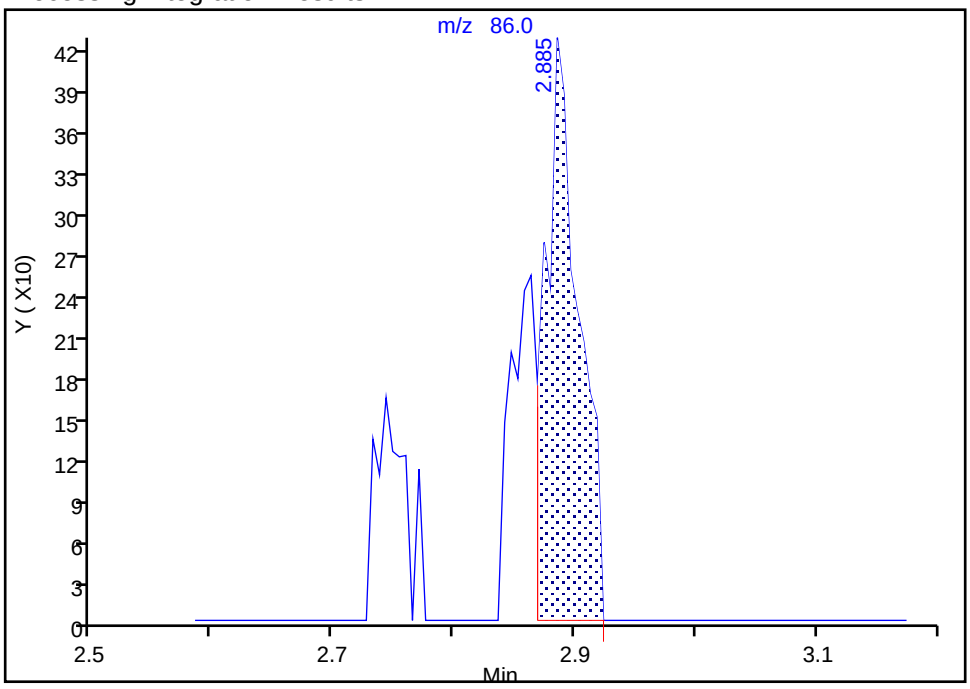
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

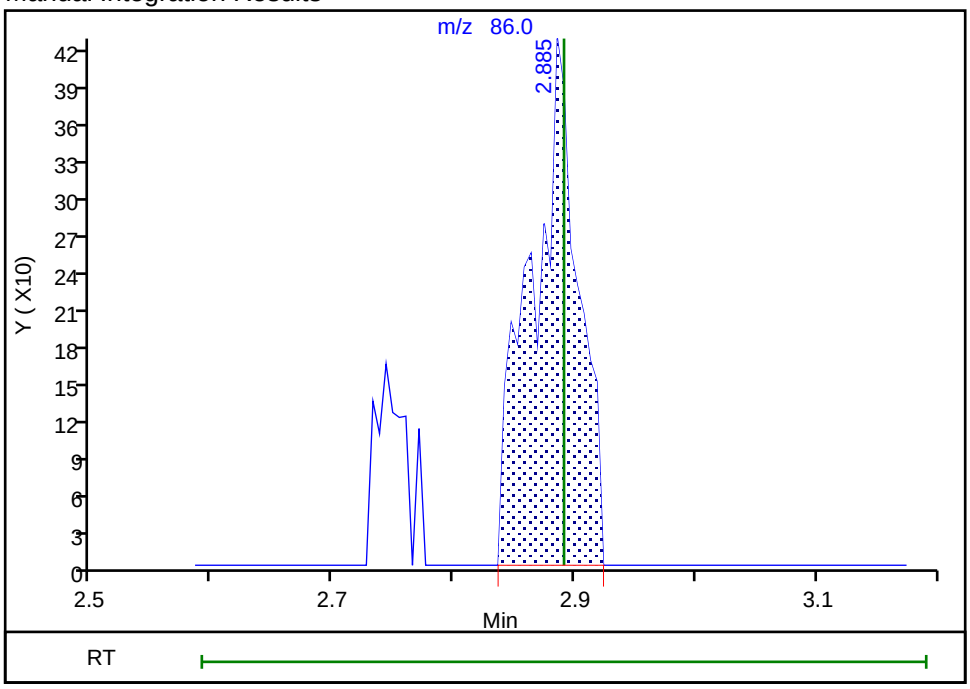
Processing Integration Results

RT: 2.89
Area: 814
Amount: 0.958683
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 1144
Amount: 1.390571
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:13:33
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

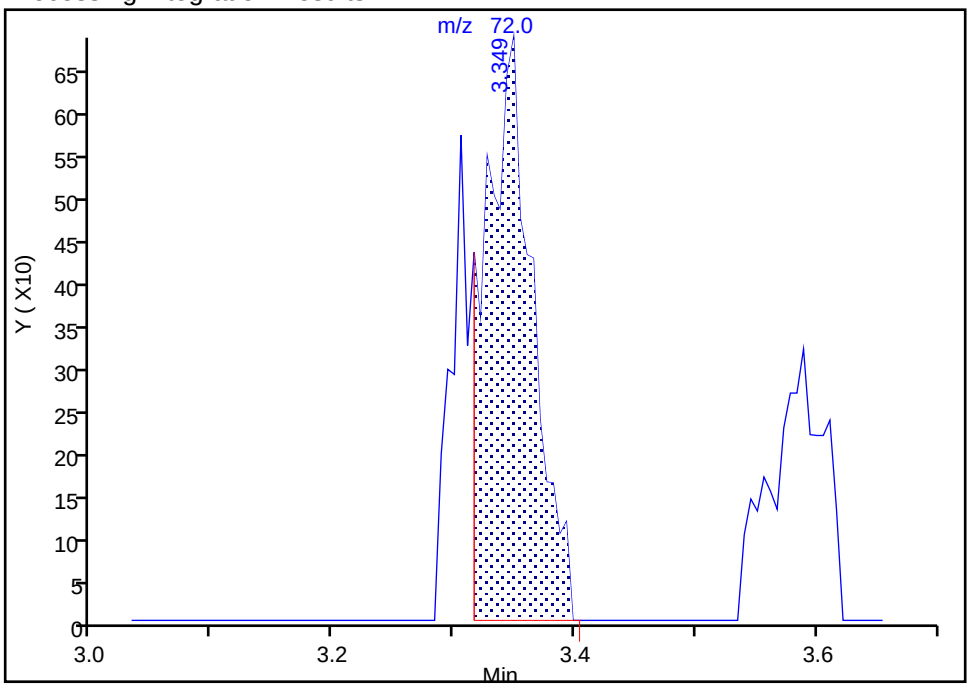
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

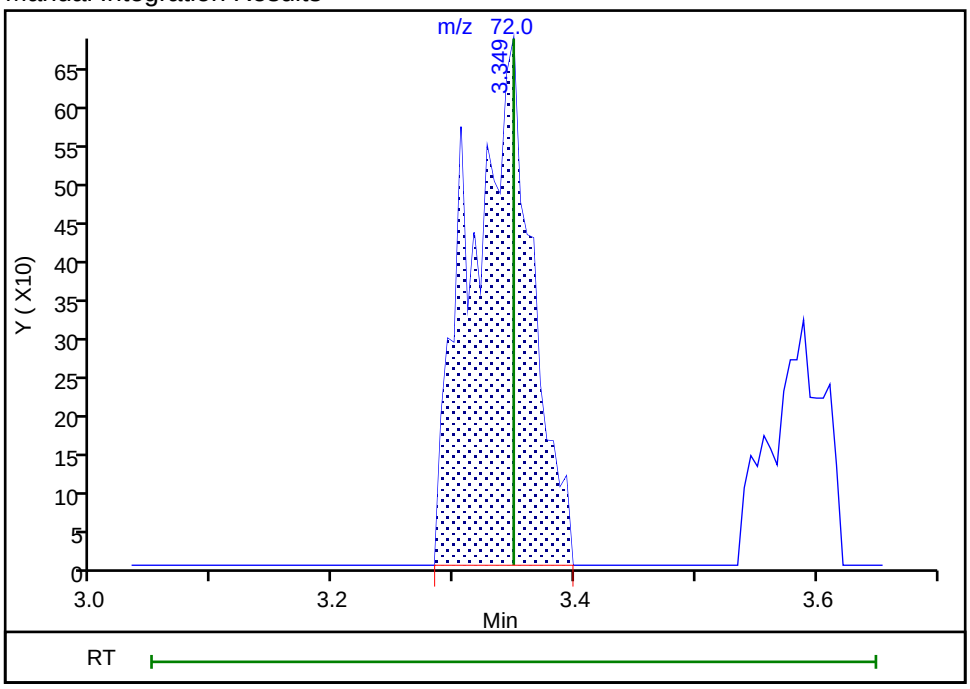
Processing Integration Results

RT: 3.35
Area: 1884
Amount: 5.173664
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 2433
Amount: 6.037312
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

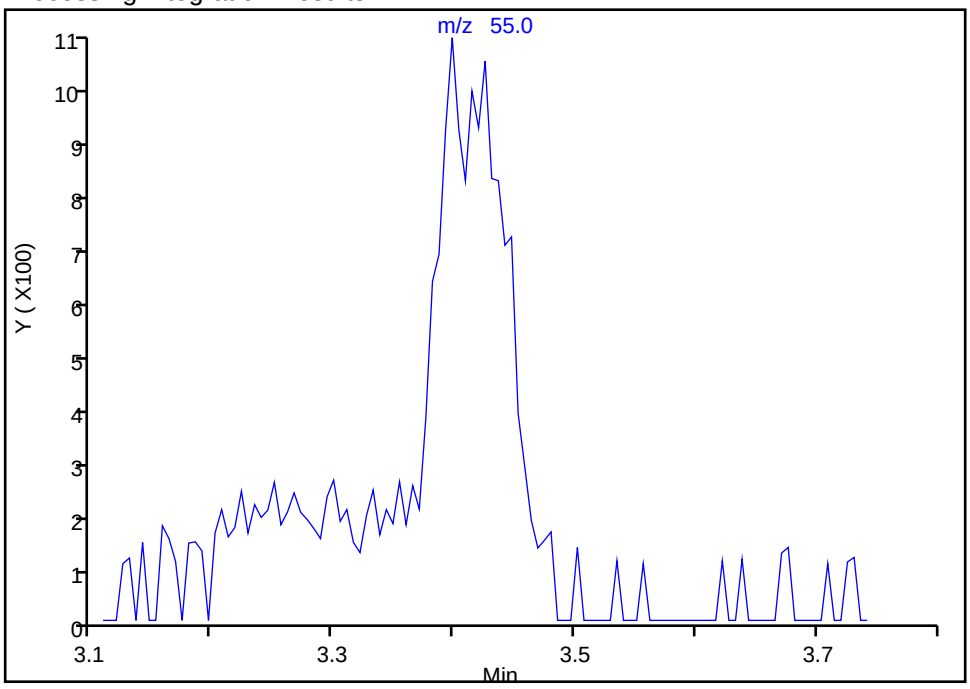
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

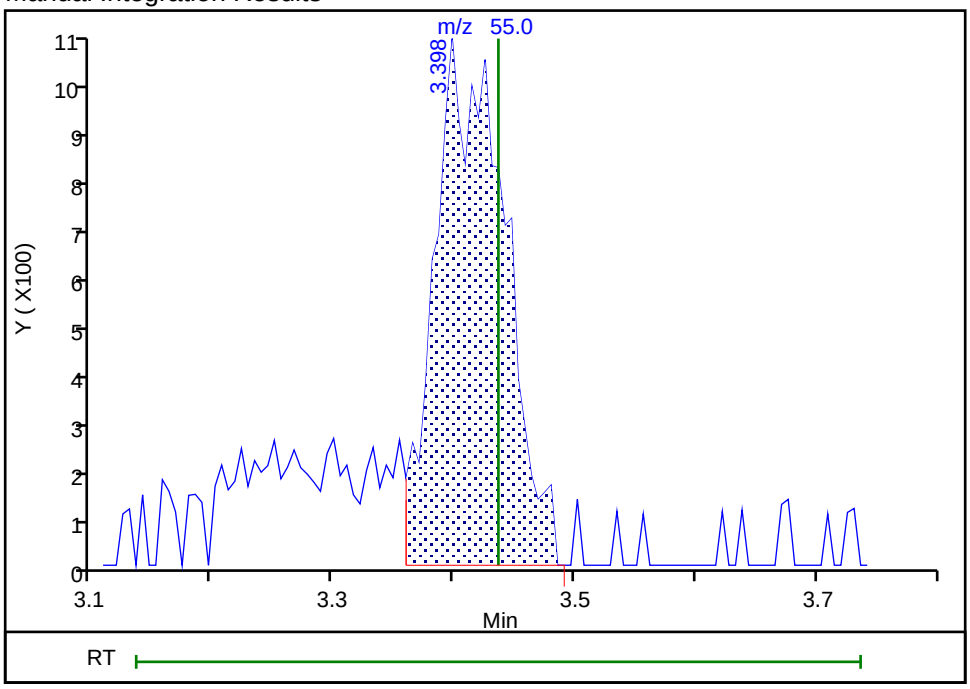
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 4222
Amount: 1.306104
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

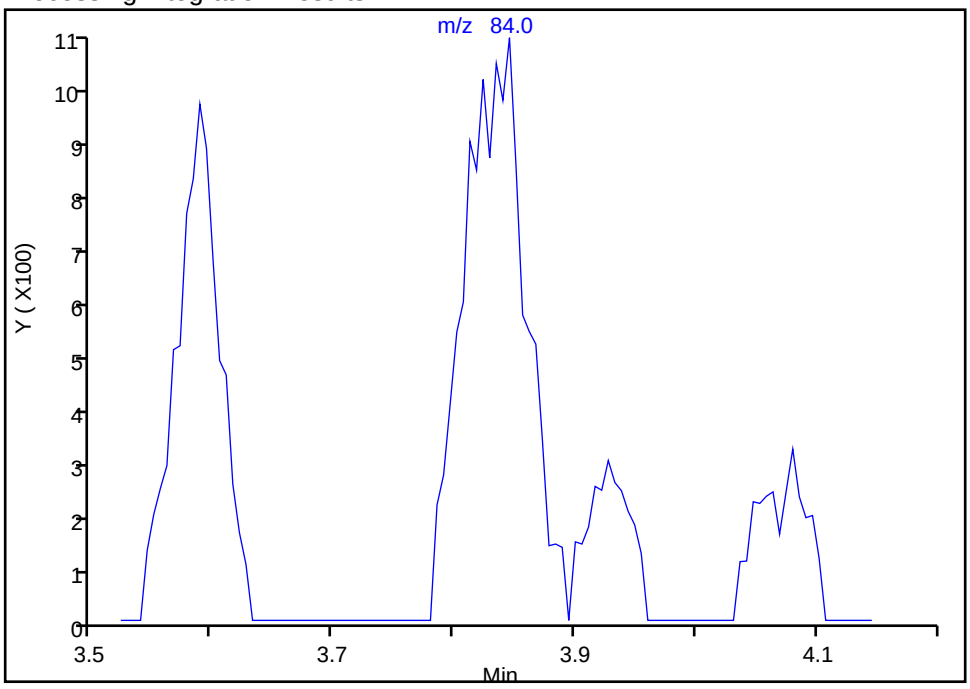
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Signal: 1

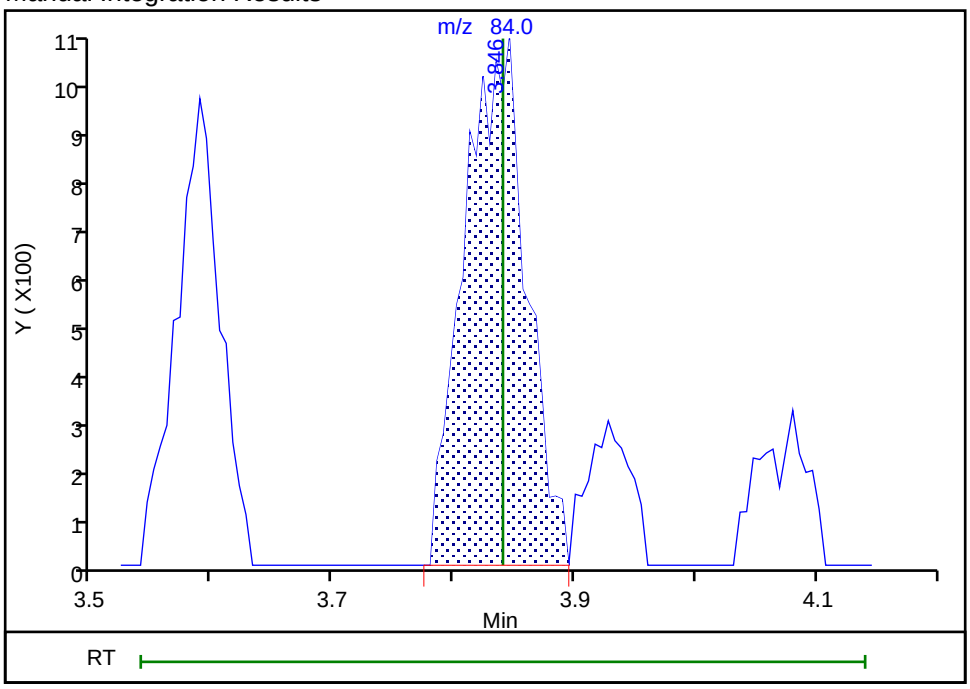
Not Detected
Expected RT: 3.84

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 3817
Amount: 0.801647
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

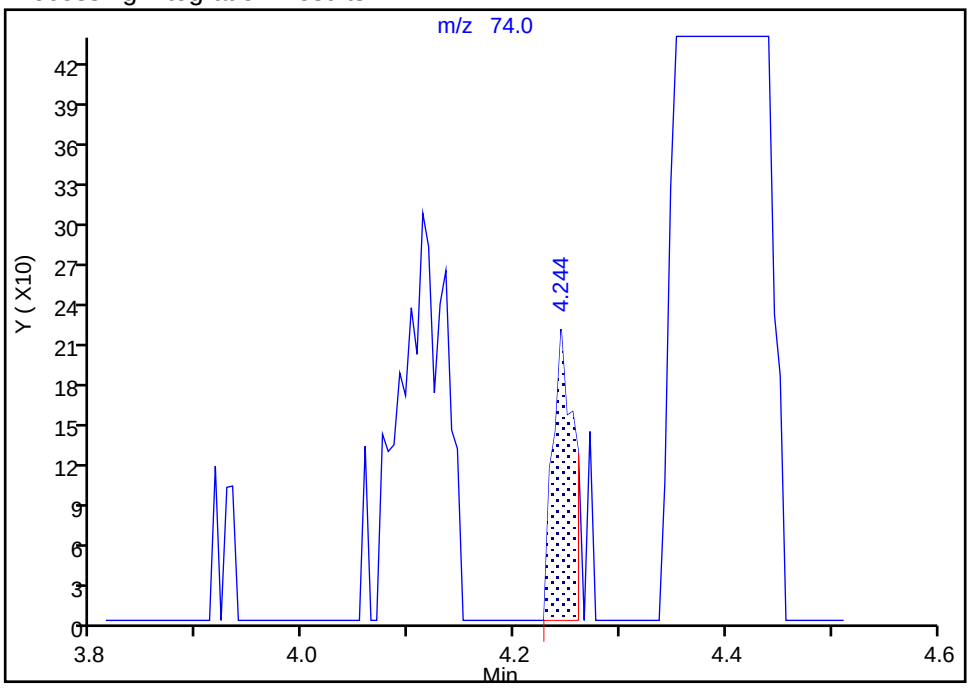
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

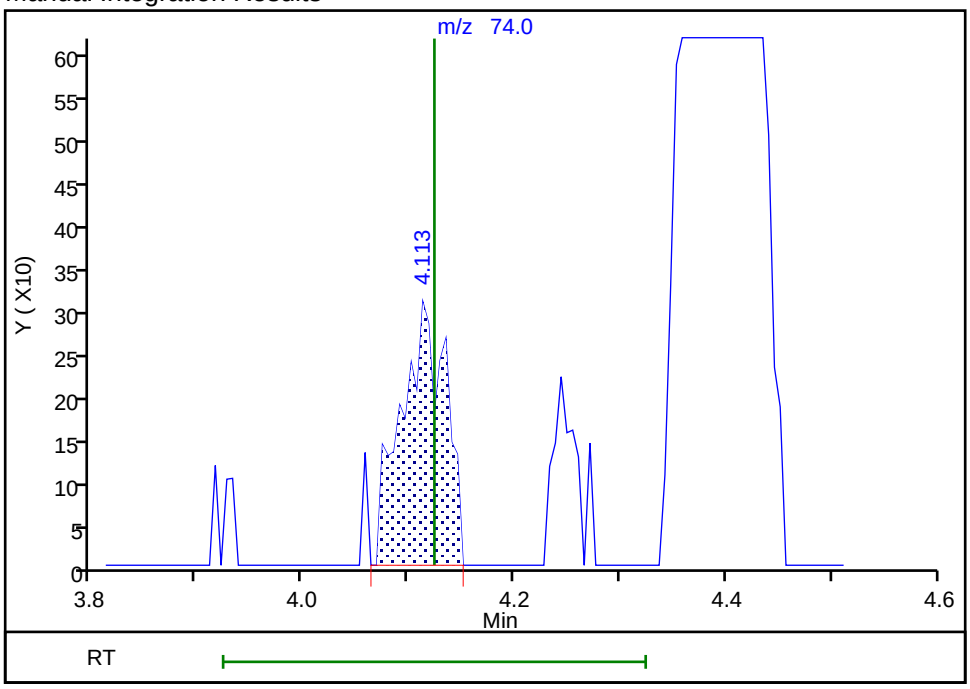
Processing Integration Results

RT: 4.24
Area: 299
Amount: 10.224703
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 890
Amount: 13.512425
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

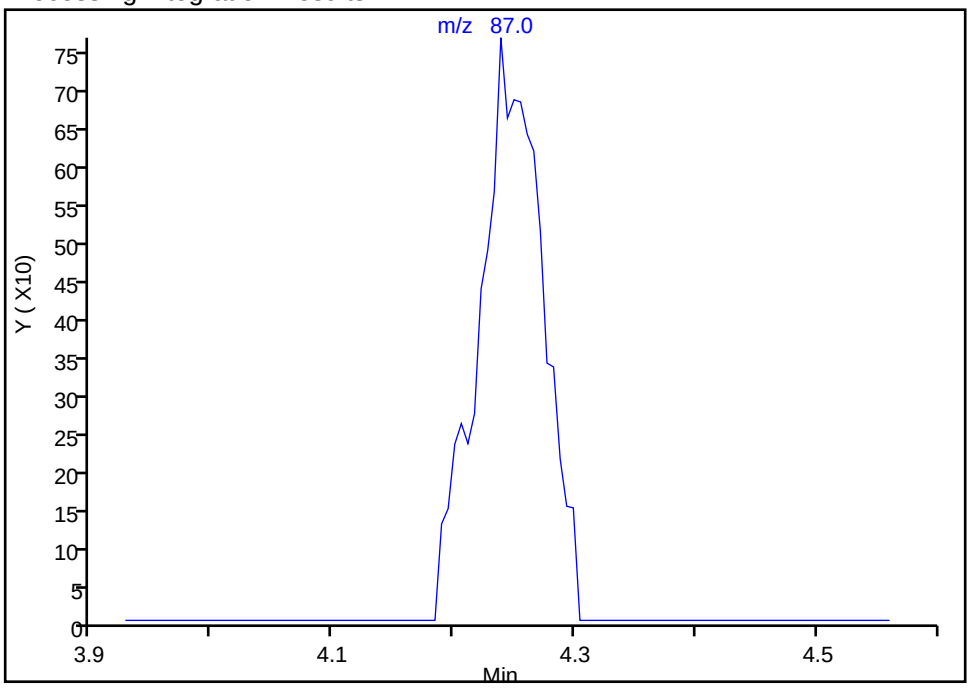
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

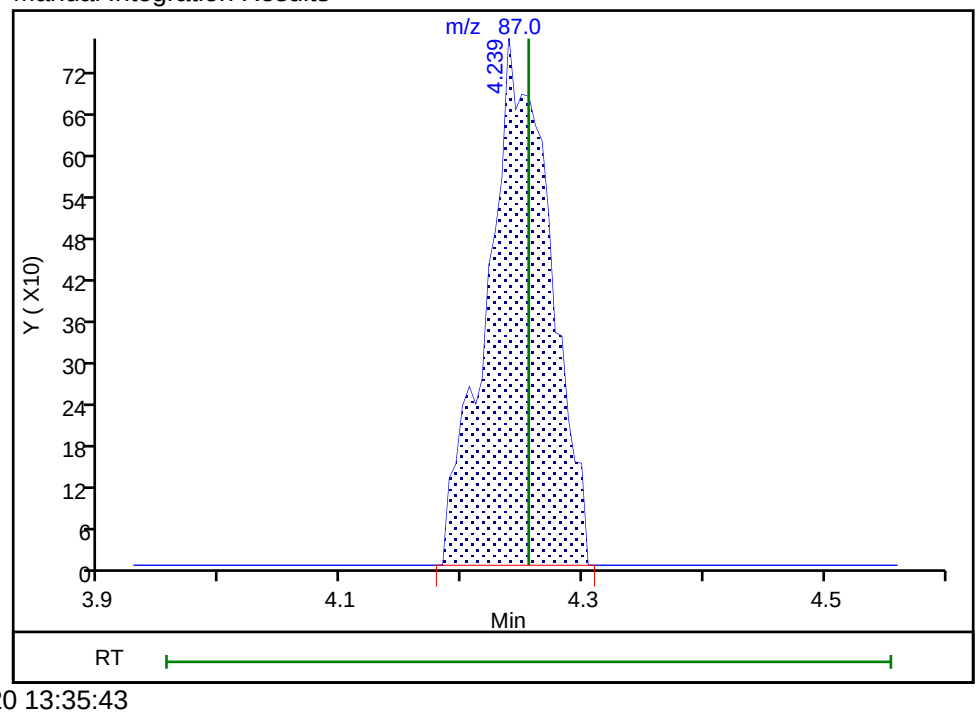
Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 2763
Amount: 1.014975
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

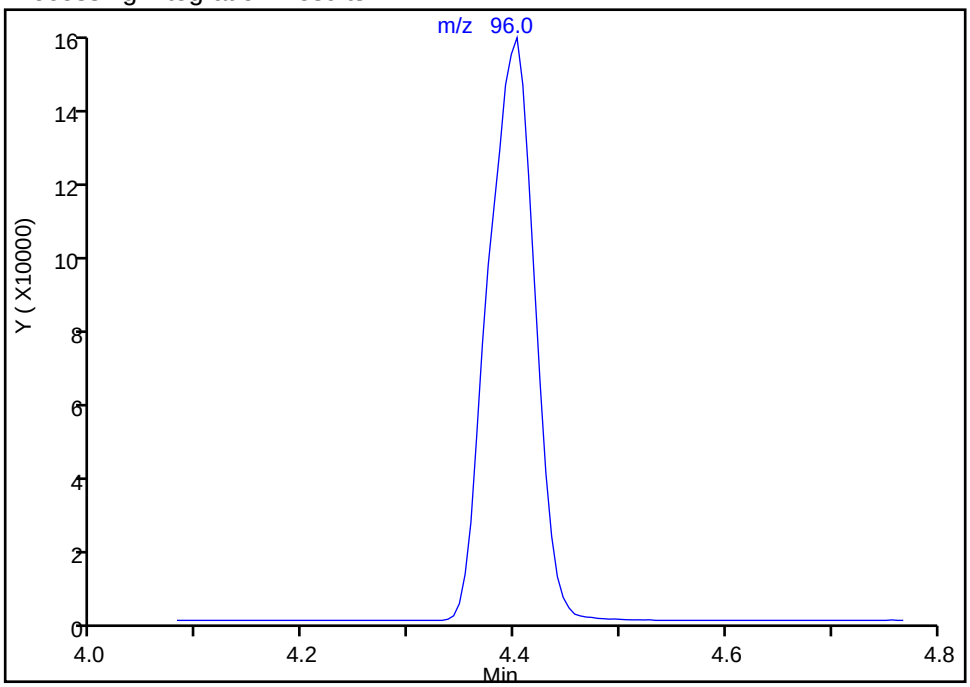
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

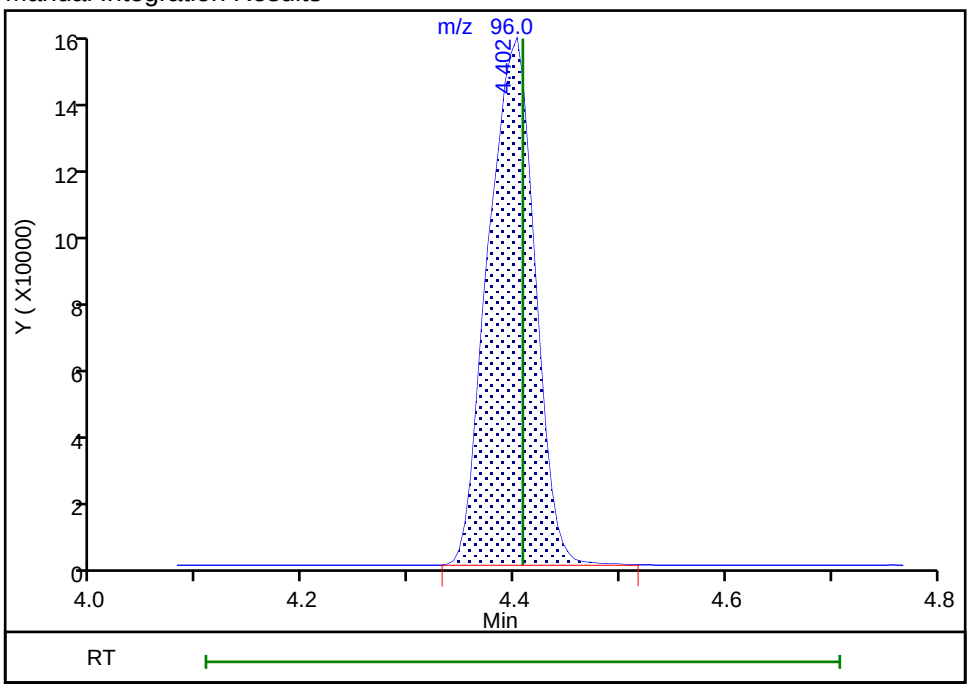
Not Detected
Expected RT: 4.41

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 472217
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:30:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

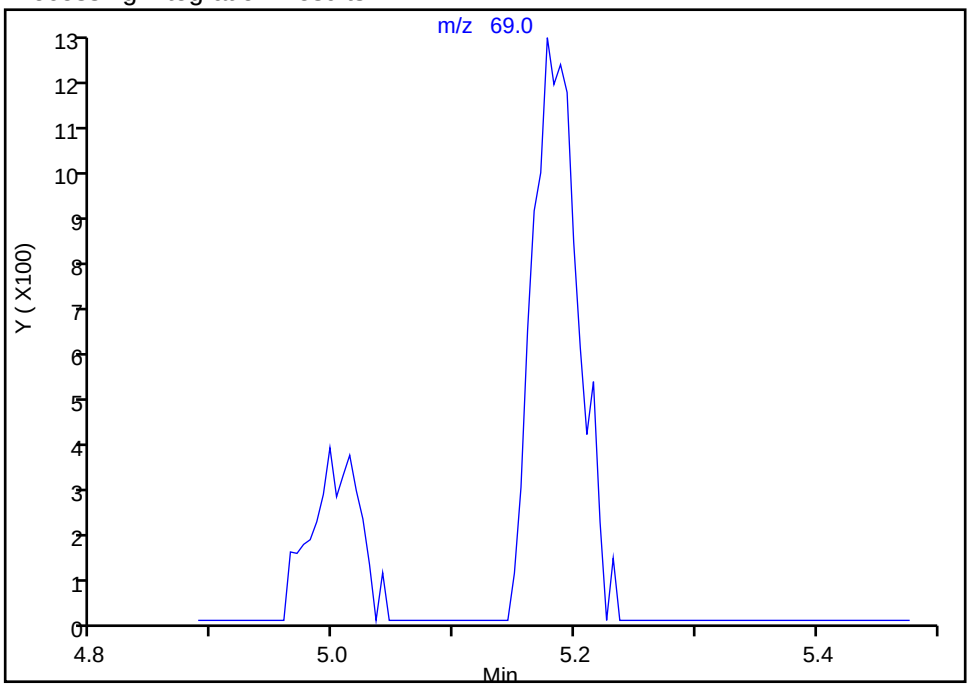
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Methyl methacrylate, CAS: 80-62-6

Signal: 1

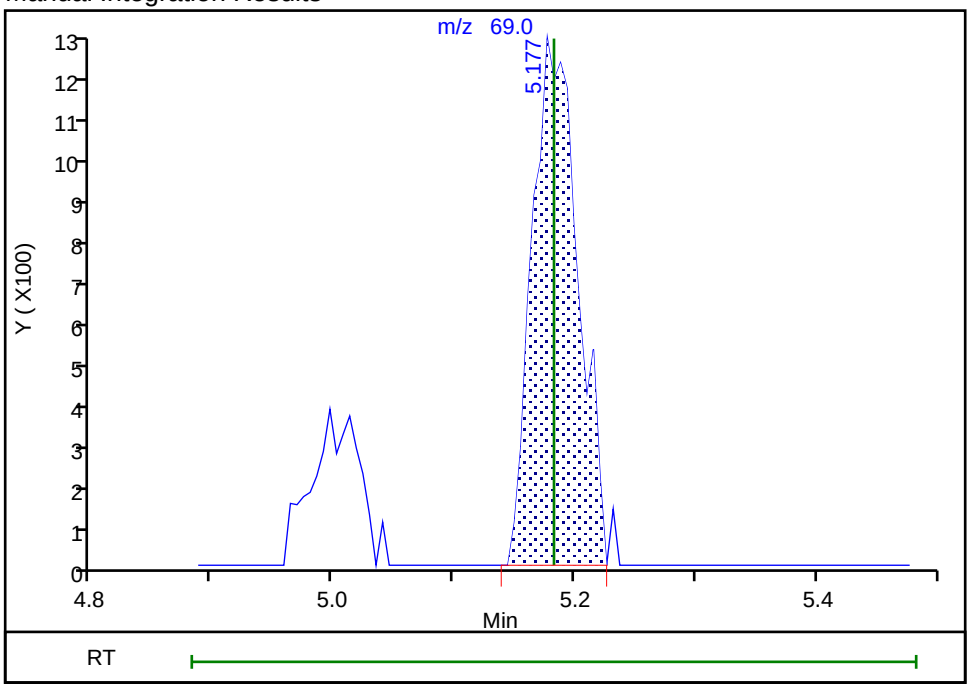
Not Detected
Expected RT: 5.18

Processing Integration Results



Manual Integration Results

RT: 5.18
Area: 3264
Amount: 1.908380
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

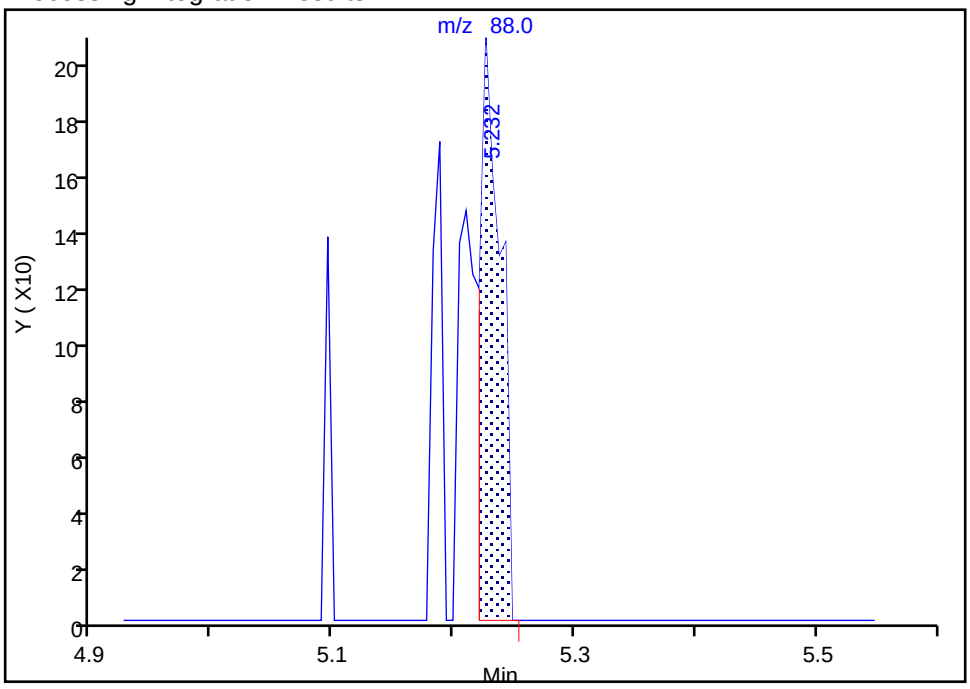
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

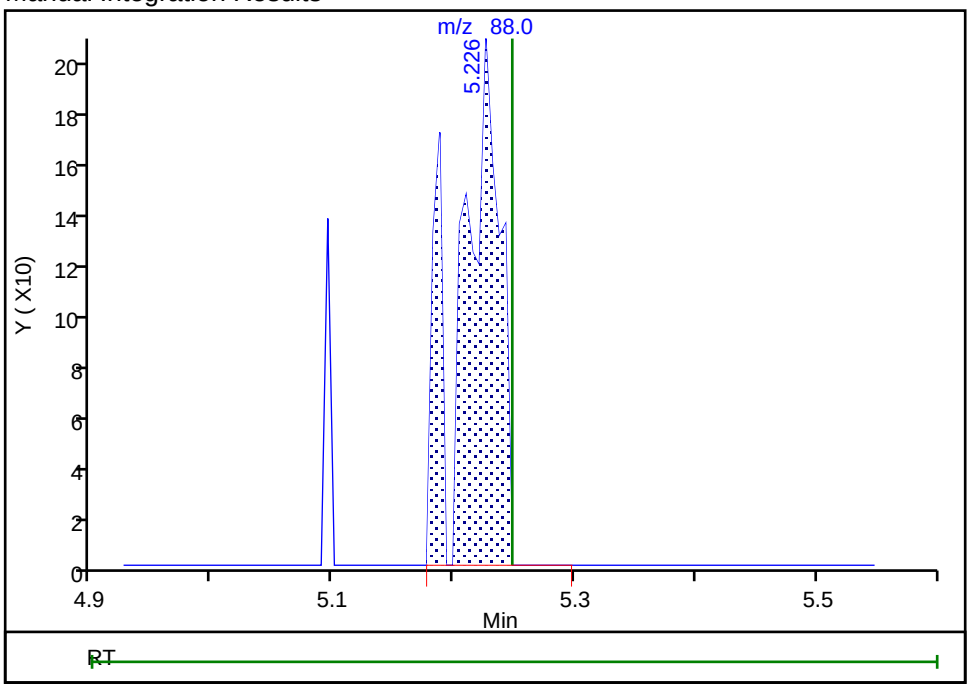
Processing Integration Results

RT: 5.23
Area: 238
Amount: 8.636175
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 463
Amount: 19.768568
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:36:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

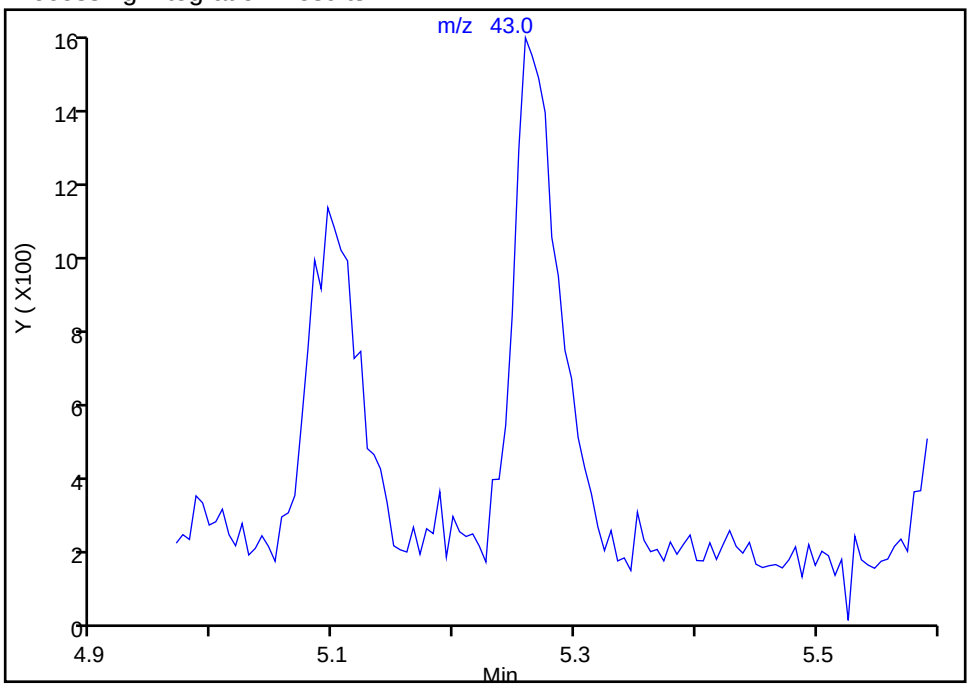
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

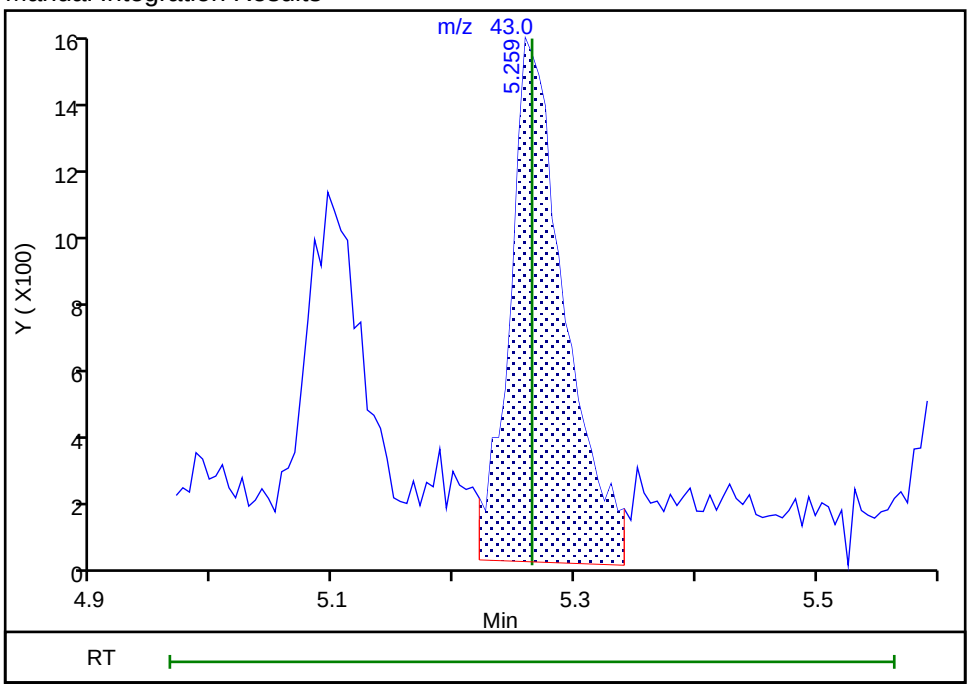
Not Detected
Expected RT: 5.26

Processing Integration Results



Manual Integration Results

RT: 5.26
Area: 4955
Amount: 1.257387
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:36:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

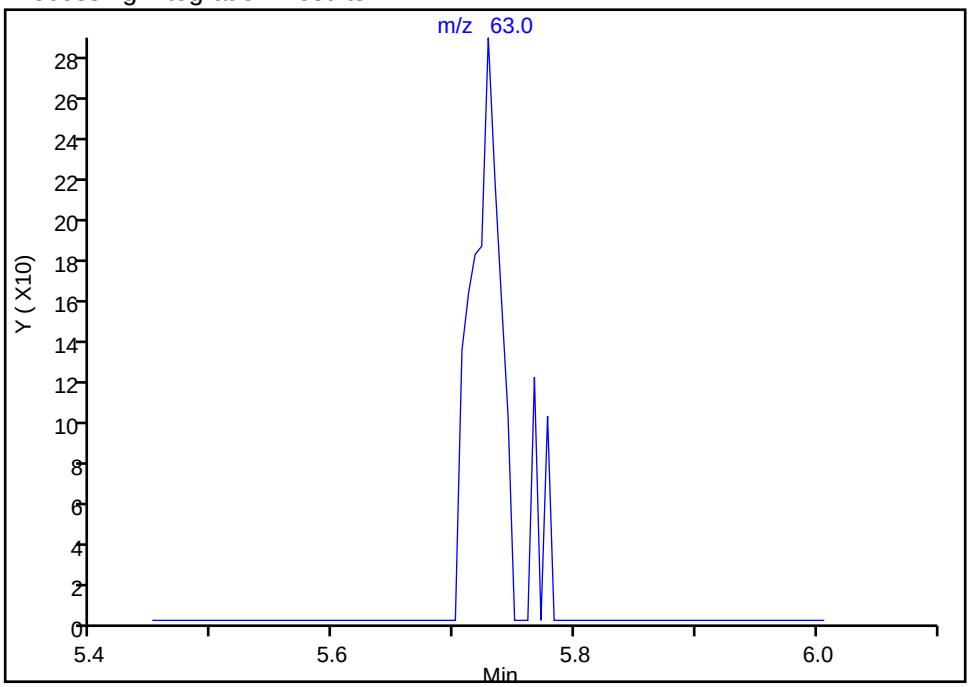
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

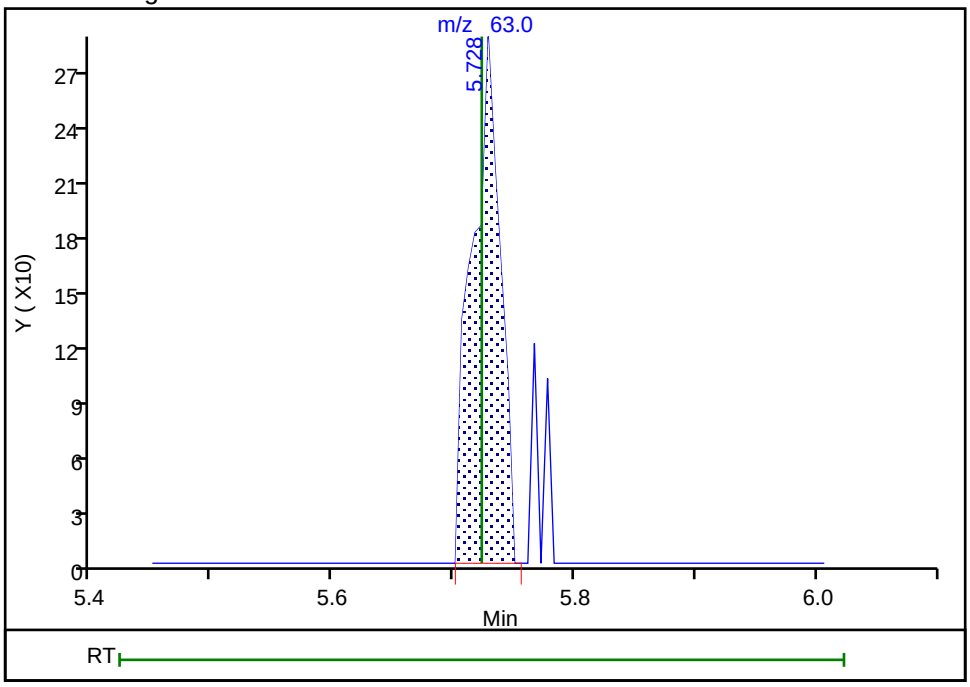
Not Detected
Expected RT: 5.72

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 462
Amount: 0.893887
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:36:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Aug-2020 20:59:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0115799-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:35:20 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:18:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.063	1.036	0.027	54	1474	5.00	4.41	a
3 1,1-Difluoroethane	65	1.079	1.074	0.005	76	10522	5.00	4.86	
2 Chlorotrifluoroethene	116	1.118	1.112	0.006	91	6023	5.00	4.81	a
5 Chlorodifluoromethane	67	1.139	1.129	0.010	95	4259	5.00	5.20	
4 Dichlorodifluoromethane	85	1.156	1.134	0.022	87	24430	5.00	4.61	
6 Chloromethane	50	1.248	1.249	-0.001	98	37326	5.00	5.01	
7 Butadiene	54	1.287	1.281	0.006	96	22658	5.00	4.89	
8 Vinyl chloride	62	1.314	1.309	0.005	97	25956	5.00	5.05	
9 Bromomethane	94	1.494	1.489	0.005	97	19394	5.00	5.49	
10 Chloroethane	64	1.527	1.521	0.006	99	14556	5.00	5.51	M
11 Dichlorofluoromethane	67	1.674	1.669	0.005	99	34706	5.00	5.30	
13 Pentane	72	1.723	1.712	0.011	96	5547	10.0	9.35	
12 Trichlorofluoromethane	101	1.723	1.718	0.005	47	24757	5.00	5.00	
15 Ethyl ether	59	1.849	1.838	0.011	96	14547	5.00	5.43	
16 2-Methyl-1,3-butadiene	53	1.876	1.865	0.011	90	15494	5.00	4.88	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	-0.001	88	14049	5.00	5.16	
14 Ethanol	46	1.849	1.903	-0.054	68	6647	200.0	231.2	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.914	1.914	0.000	95	24307	5.00	5.07	a
19 Acrolein	56	1.931	1.931	0.000	95	105982	200.0	194.7	
21 1,1-Dichloroethene	96	2.012	2.007	0.005	96	14790	5.00	4.76	
22 Acetone	43	2.051	2.034	0.017	86	32135	25.0	24.4	
20 112TCTFE	101	2.034	2.040	-0.006	69	15019	5.00	4.76	
23 Iodomethane	142	2.121	2.116	0.005	98	32738	5.00	4.90	
24 Isopropyl alcohol	45	2.171	2.171	0.000	27	13939	50.0	29.8	M
25 Carbon disulfide	76	2.171	2.171	0.000	99	66677	5.00	4.81	M
26 3-Chloro-1-propene	39	2.252	2.242	0.010	88	25664	5.00	5.18	
27 Methyl acetate	43	2.269	2.258	0.011	99	27170	10.0	8.40	
29 Acetonitrile	41	2.291	2.285	0.006	40	16896	50.0	44.3	M
28 Cyclopentene	67	2.312	2.307	0.005	94	44400	5.00	4.94	
31 Methylene Chloride	84	2.340	2.340	0.000	96	22412	5.00	4.78	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.405	0.006	96	434105	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.476	2.476	0.000	91	29425	50.0	45.9	Ma
35 Acrylonitrile	53	2.514	2.509	0.005	95	74249	50.0	52.5	
34 trans-1,2-Dichloroethene	96	2.536	2.531	0.005	96	18082	5.00	5.13	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	58	49475	5.00	5.24	
36 Hexane	43	2.738	2.738	0.000	93	15694	5.00	4.85	
38 1,1-Dichloroethane	63	2.853	2.853	0.000	99	34454	5.00	5.00	
39 Vinyl acetate	86	2.896	2.891	0.005	100	5535	10.0	5.82	M
37 Isopropyl ether	45	2.913	2.918	-0.005	91	62780	5.00	4.98	
40 2-Chloro-1,3-butadiene	88	2.929	2.924	0.005	90	15519	5.00	4.81	
41 Tert-butyl ethyl ether	59	3.213	3.213	0.000	91	66781	5.00	5.94	
* 42 2-Butanone-d5	46	3.300	3.295	0.005	95	309545	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	96	21281	5.00	5.07	
43 2,2-Dichloropropane	79	3.344	3.338	0.006	59	8544	5.00	4.94	a
46 2-Butanone (MEK)	72	3.349	3.349	0.000	97	10473	25.0	22.8	M
45 Ethyl acetate	70	3.371	3.366	0.005	98	3476	10.0	8.72	M
48 Propionitrile	54	3.404	3.398	0.006	89	31103	50.0	44.9	
47 Methyl acrylate	55	3.431	3.437	-0.006	98	12677	5.00	3.54	a
51 Methacrylonitrile	67	3.529	3.524	0.005	93	70602	50.0	50.1	
50 Chlorobromomethane	128	3.535	3.535	0.000	51	10237	5.00	5.09	
49 Tetrahydrofuran	72	3.600	3.595	0.005	80	4970	10.0	9.73	
52 Chloroform	83	3.617	3.611	0.006	98	33342	5.00	5.09	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	178660	50.0	50.2	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	99	25760	5.00	4.91	
53 Cyclohexane	84	3.846	3.840	0.006	93	24451	5.00	4.63	
57 1,1-Dichloropropene	75	3.933	3.928	0.005	95	23134	5.00	4.78	
56 Carbon tetrachloride	117	3.938	3.944	-0.006	80	21196	5.00	4.74	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.064	0.005	0	179938	50.0	49.0	
58 Isobutyl alcohol	74	4.119	4.124	-0.005	51	5615	125.0	73.7	
60 Benzene	78	4.129	4.130	-0.001	95	70069	5.00	4.86	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	95	22705	5.00	4.88	
59 Isooctane	57	4.211	4.217	-0.006	97	61832	5.00	4.51	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	67349	5.00	4.96	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	97	15203	5.00	5.04	
* 66 Fluorobenzene	96	4.408	4.408	0.000	98	523413	50.0	50.0	
65 n-Heptane	57	4.419	4.413	0.006	96	30423	5.00	4.61	
68 n-Butanol	56	4.746	4.757	-0.011	95	13877	125.0	83.3	
69 Trichloroethene	95	4.790	4.790	0.000	98	15543	5.00	4.64	
70 Ethyl acrylate	56	4.915	4.921	-0.006	98	2477	5.00	4.79	
71 Methylcyclohexane	83	5.008	5.008	0.000	96	28348	5.00	4.55	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	93	17124	5.00	4.76	
77 Dibromomethane	93	5.155	5.161	-0.006	96	9971	5.00	4.74	
* 73 1,4-Dioxane-d8	96	5.166	5.166	0.000	95	36769	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.183	0.000	94	17382	10.0	9.17	
75 1,4-Dioxane	88	5.199	5.248	-0.049	31	4941	100.0	104.9	M
76 n-Propyl acetate	43	5.264	5.264	0.000	99	19693	5.00	4.51	
78 Dichlorobromomethane	83	5.352	5.352	0.000	99	20045	5.00	4.56	
79 2-Nitropropane	41	5.614	5.614	0.000	98	8008	10.0	9.63	
67 2-Chloroethyl vinyl ether	63	5.717	5.723	-0.006	96	2518	5.01	4.40	
80 Epichlorohydrin	57	5.777	5.777	0.000	100	28552	100.0	88.0	
81 cis-1,3-Dichloropropene	75	5.886	5.881	0.005	94	20960	5.00	4.43	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	97	84690	25.0	23.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	542719	50.0	47.8	
84 Toluene	91	6.307	6.301	0.006	95	59539	5.00	4.67	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	17241	5.00	4.48	
86 Ethyl methacrylate	69	6.787	6.781	0.006	92	16812	5.00	4.76	
87 1,1,2-Trichloroethane	83	6.847	6.841	0.006	95	10078	5.00	4.81	
88 Tetrachloroethene	166	7.021	7.021	0.000	97	13702	5.00	4.65	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	96	18711	5.00	4.69	
90 2-Hexanone	43	7.234	7.234	0.000	97	49444	25.0	23.9	
92 Chlorodibromomethane	129	7.365	7.365	0.000	98	12957	5.00	4.54	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	23103	5.00	5.05	
93 Ethylene Dibromide	107	7.496	7.496	0.000	99	11096	5.00	4.63	
* 94 Chlorobenzene-d5	117	8.194	8.195	-0.001	87	359390	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	93	35884	5.00	4.66	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	93	16879	5.00	4.85	
96 Ethylbenzene	106	8.435	8.435	0.000	99	20204	5.00	4.75	
98 m-Xylene & p-Xylene	106	8.625	8.620	0.005	0	25316	5.00	4.75	
100 o-Xylene	106	9.226	9.220	0.006	94	27068	5.00	4.76	
101 Styrene	104	9.248	9.248	0.000	96	39191	5.00	4.75	
99 n-Butyl acrylate	73	9.286	9.286	0.000	97	11176	5.00	5.04	
103 Bromoform	173	9.493	9.488	0.005	97	9108	5.00	4.69	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	28549	5.00	4.82	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	69078	5.00	4.72	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	169093	50.0	49.8	
106 Bromobenzene	156	10.241	10.235	0.006	97	17237	5.00	4.65	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	98	19521	5.00	4.61	
109 1,2,3-Trichloropropane	110	10.377	10.372	0.005	97	4872	5.00	4.71	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	90	4438	5.00	4.77	
108 N-Propylbenzene	91	10.502	10.503	-0.001	99	81981	5.00	4.50	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	50701	5.00	4.55	
112 4-Ethyltoluene	105	10.704	10.699	0.005	99	66279	5.00	4.64	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	49439	5.00	4.62	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	93	59250	5.00	4.31	
115 Butyl Methacrylate	87	11.086	11.081	0.005	93	18798	5.00	4.31	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	41968	5.00	3.12	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	62322	5.00	4.43	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	72514	5.00	4.21	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	95	32223	5.00	4.67	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	96	215468	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	97	63753	5.00	4.38	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	93	32408	5.00	4.73	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	66531	5.00	4.56	
124 Benzyl chloride	91	12.036	12.036	0.000	99	28111	5.00	4.67	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	64013	5.00	4.78	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	97	35274	5.00	4.70	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	33595	5.00	4.59	a
127 n-Butylbenzene	92	12.341	12.341	0.000	97	34629	5.00	4.59	
130 1,2-Dibromo-3-Chloropropane	157	13.111	13.122	-0.011	92	4589	5.00	4.64	
129 1,2,4,5-Tetramethylbenzene	119	13.122	13.127	-0.005	97	67363	5.00	4.54	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	97	29921	5.00	4.69	
132 1,2,4-Trichlorobenzene	180	13.880	13.896	-0.016	95	29723	5.00	4.54	
133 Hexachlorobutadiene	225	14.055	14.071	-0.016	96	13139	5.00	4.00	
134 Naphthalene	128	14.082	14.104	-0.022	99	79531	5.00	4.45	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.295	14.317	-0.022	95	32380	5.00	4.59	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.2	
S 137 Xylenes, Total	100				0		10.0	9.51	
S 139 Total BTEX	1				0		25.0	23.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00124	Amount Added:	0.50	Units: uL		
524freon_00026	Amount Added:	0.50	Units: uL		
GASES Li_00383	Amount Added:	0.50	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:35:22 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D

Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9 Operator ID:

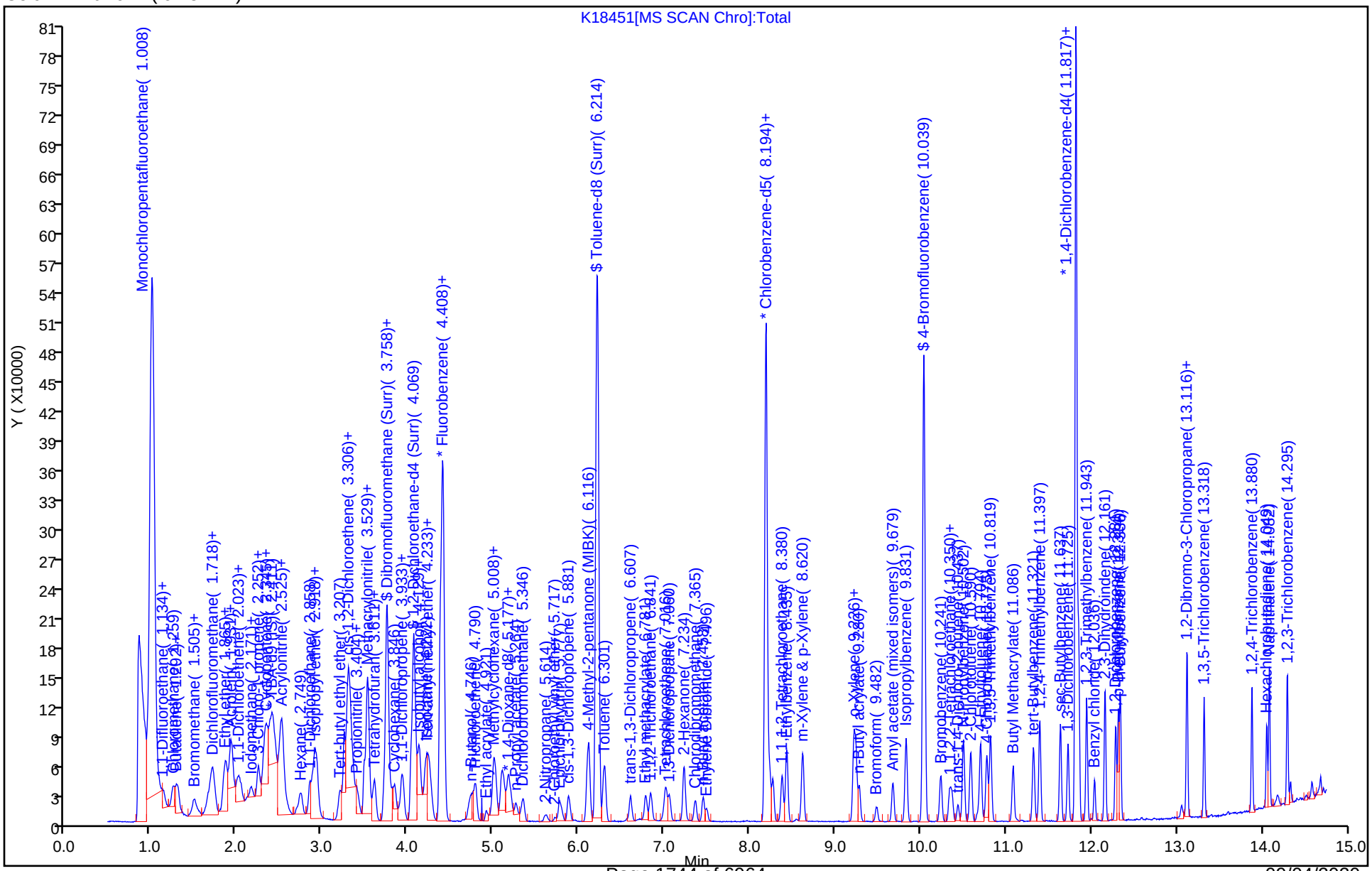
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

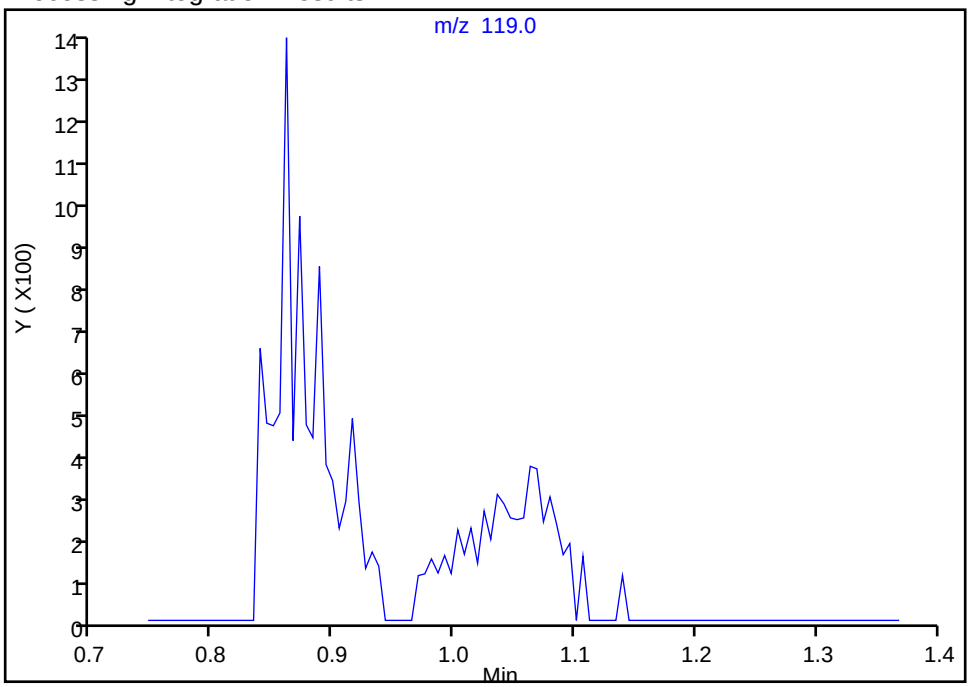
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

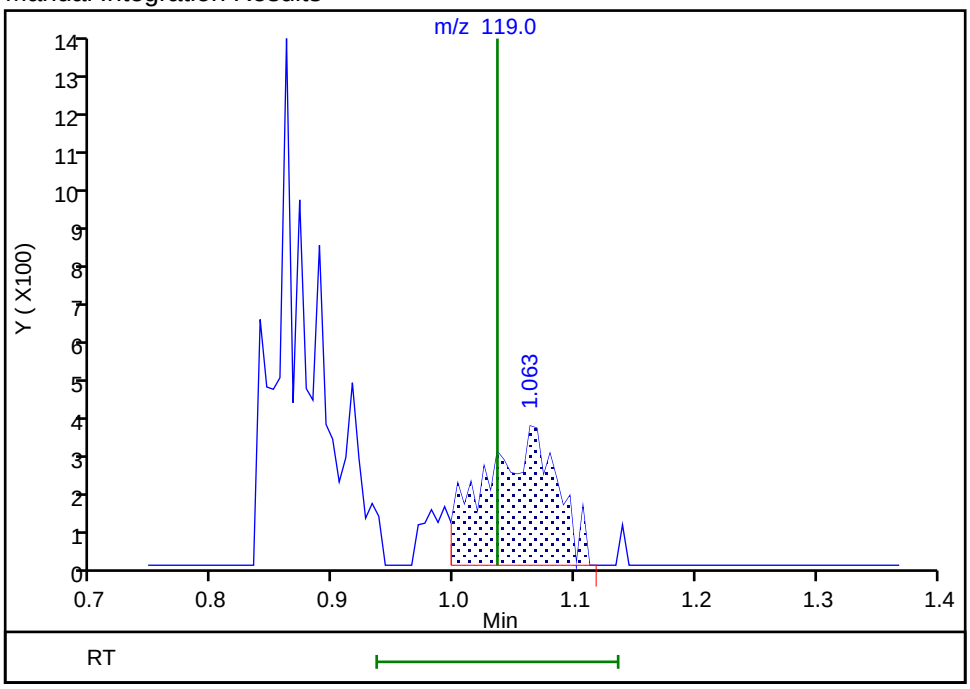
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.06
Area: 1474
Amount: 4.409593
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:37:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

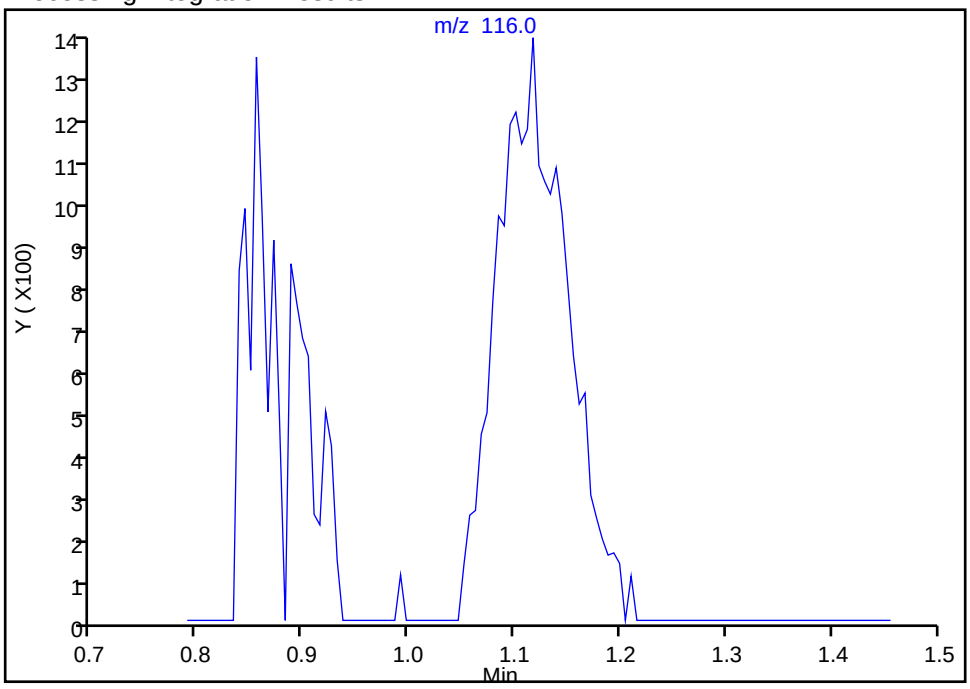
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

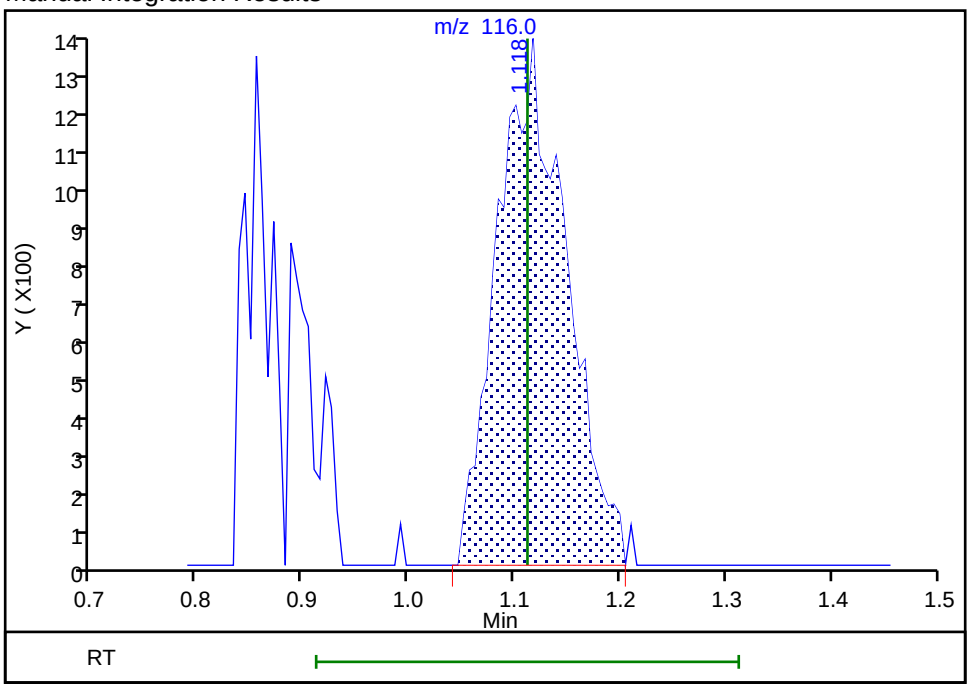
Not Detected
Expected RT: 1.11

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 6023
Amount: 4.808523
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:38:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

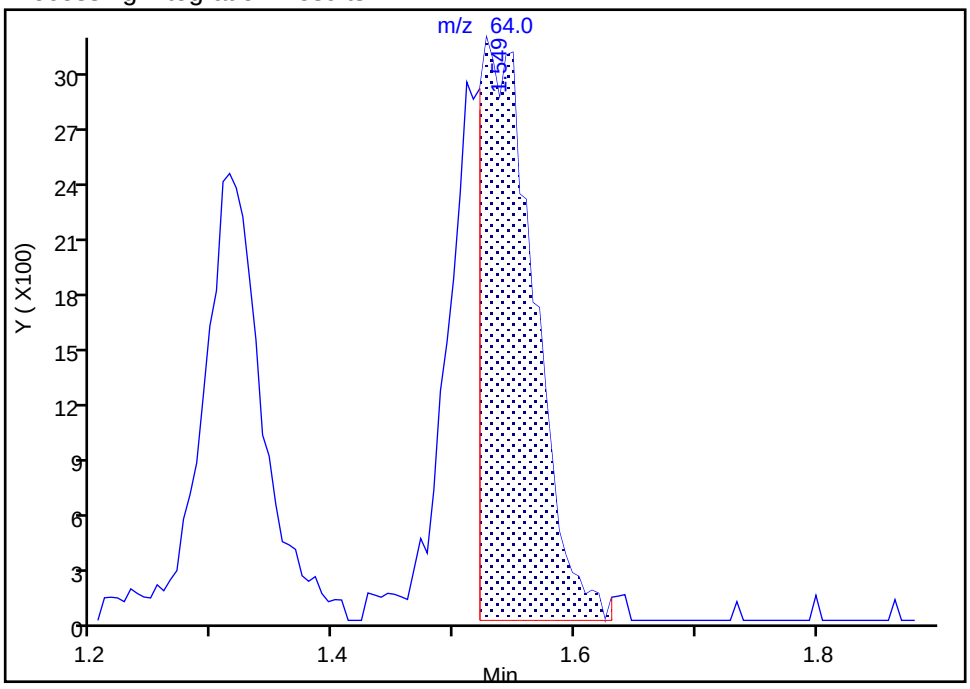
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

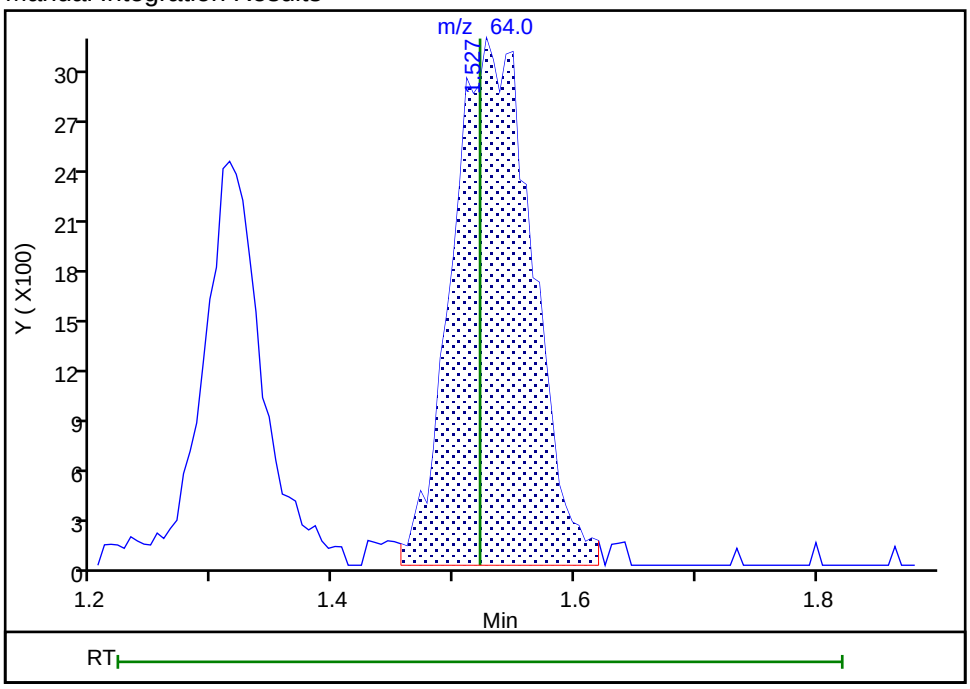
Processing Integration Results

RT: 1.55
Area: 9807
Amount: 3.947644
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 14556
Amount: 5.508281
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:38:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

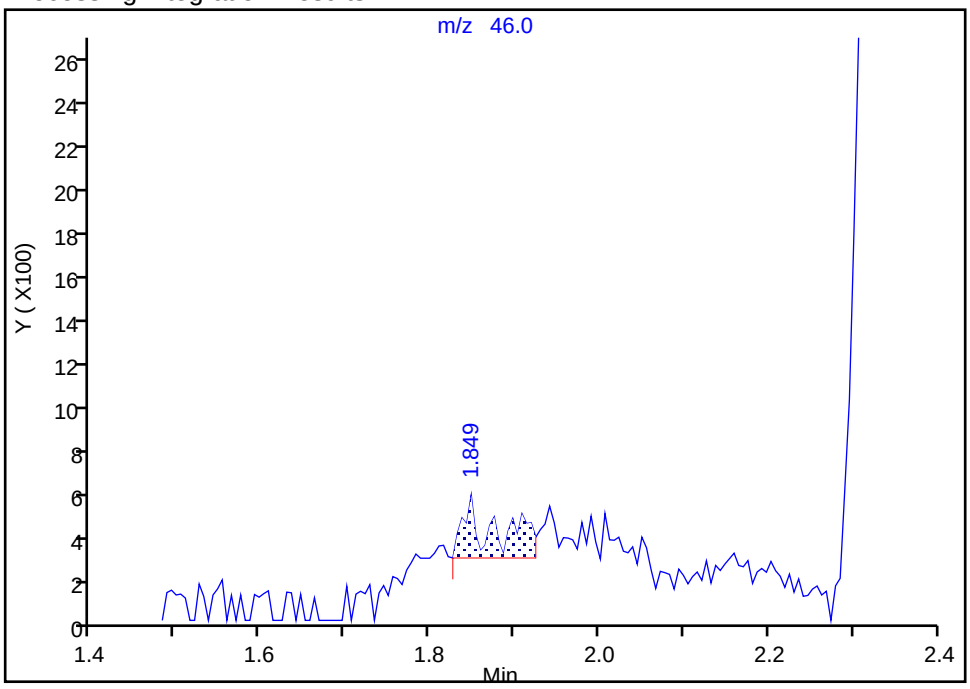
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

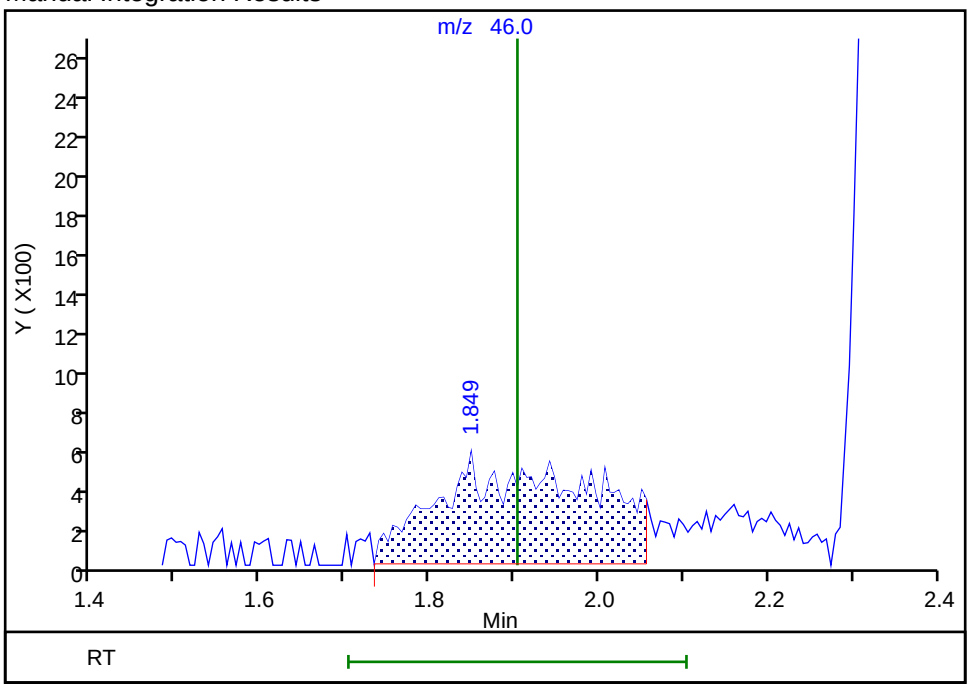
Processing Integration Results

RT: 1.85
Area: 779
Amount: 38.420233
Amount Units: ug/l



Manual Integration Results

RT: 1.85
Area: 6647
Amount: 231.1841
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:38:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

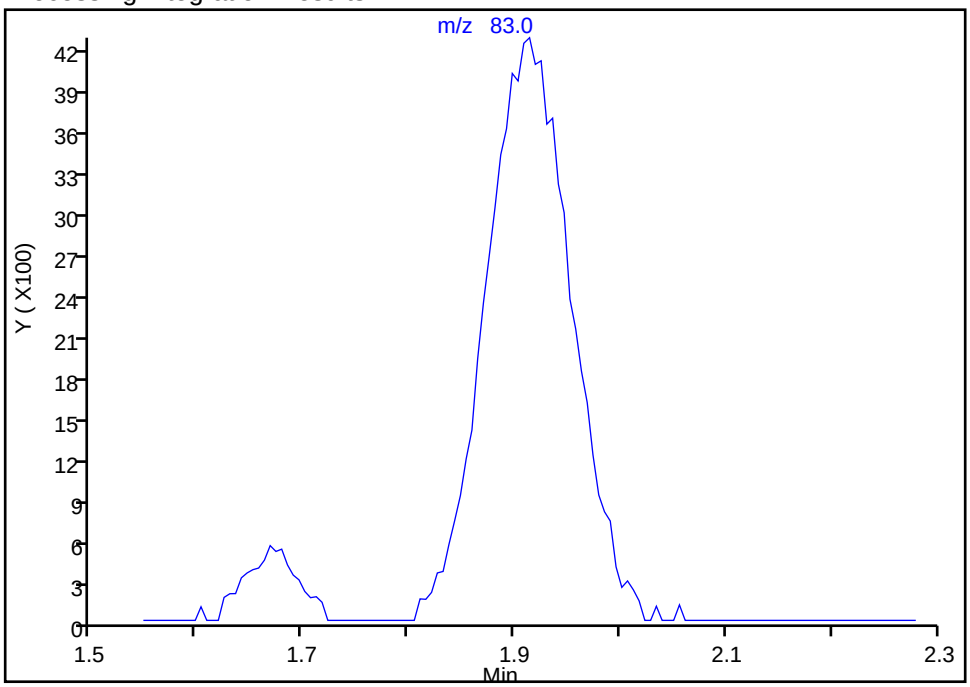
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

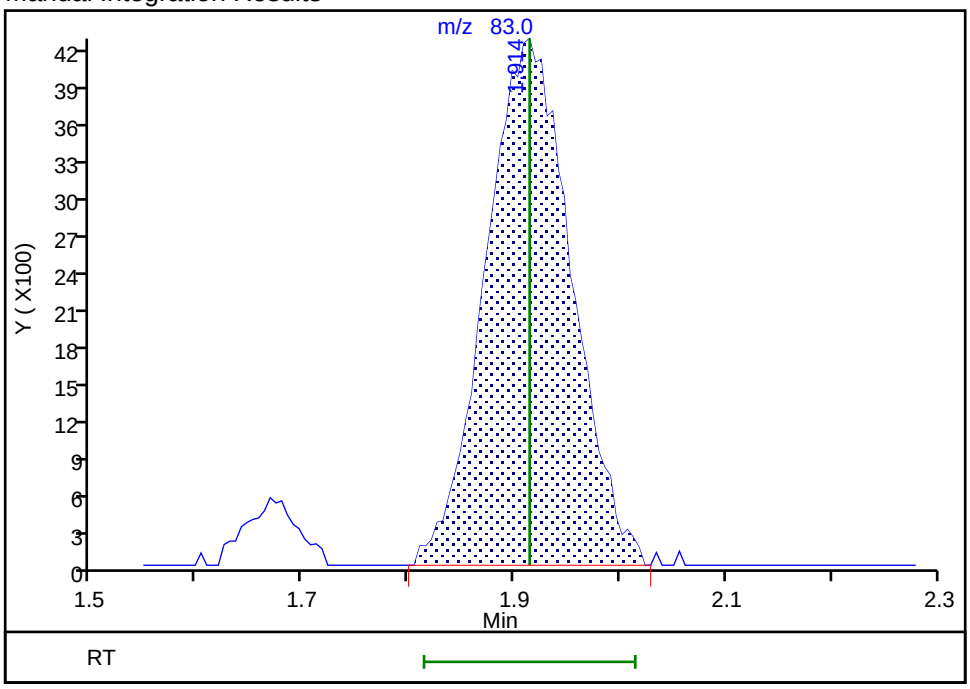
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 24307
Amount: 5.071529
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:39:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

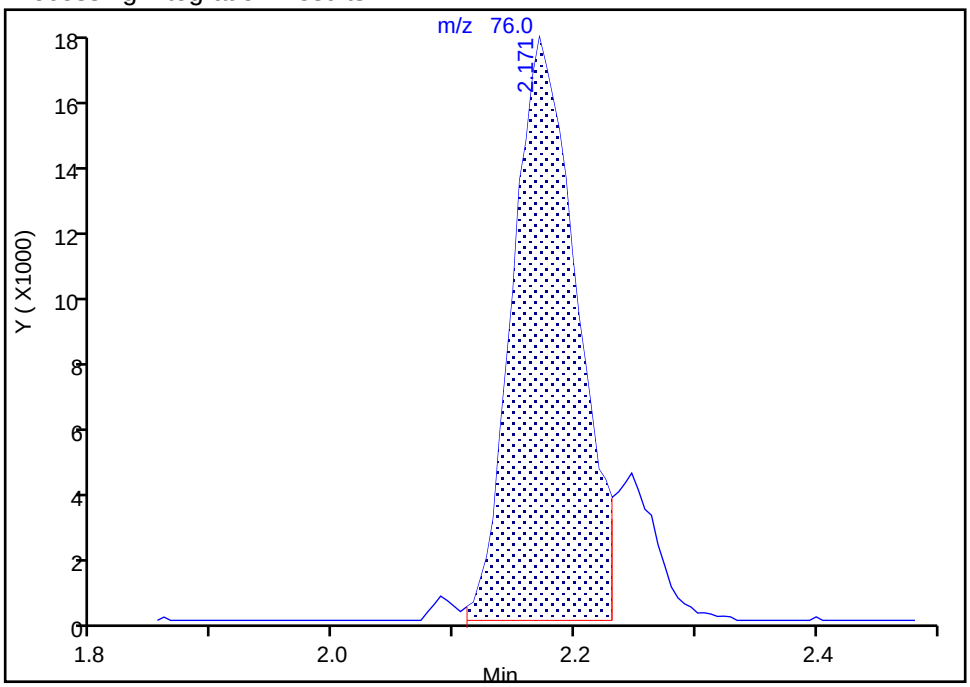
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

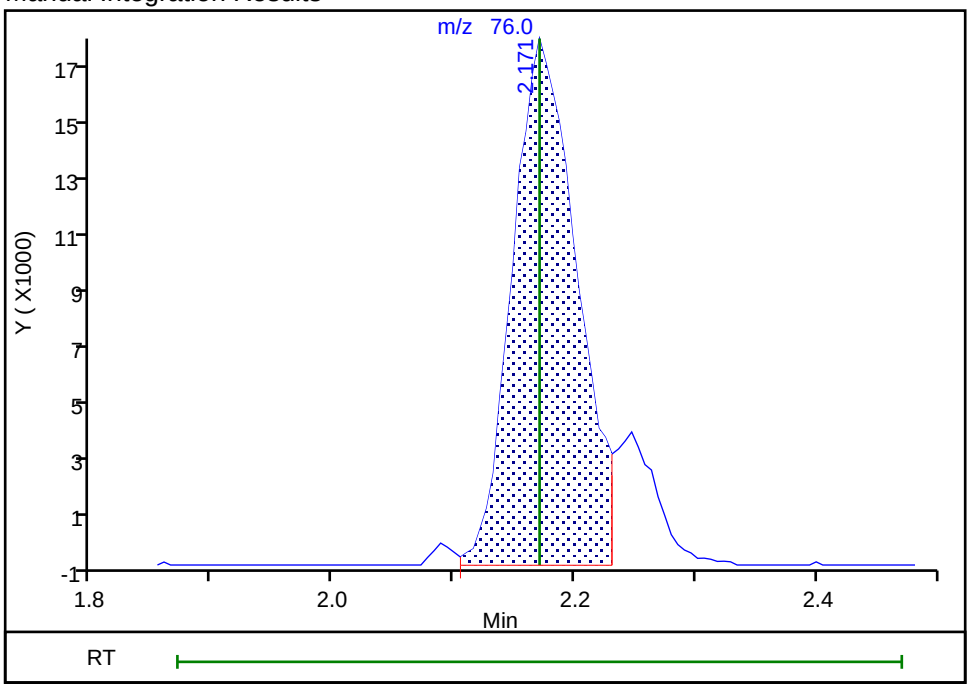
Processing Integration Results

RT: 2.17
Area: 66520
Amount: 4.370256
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 66677
Amount: 4.807249
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:47:07
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

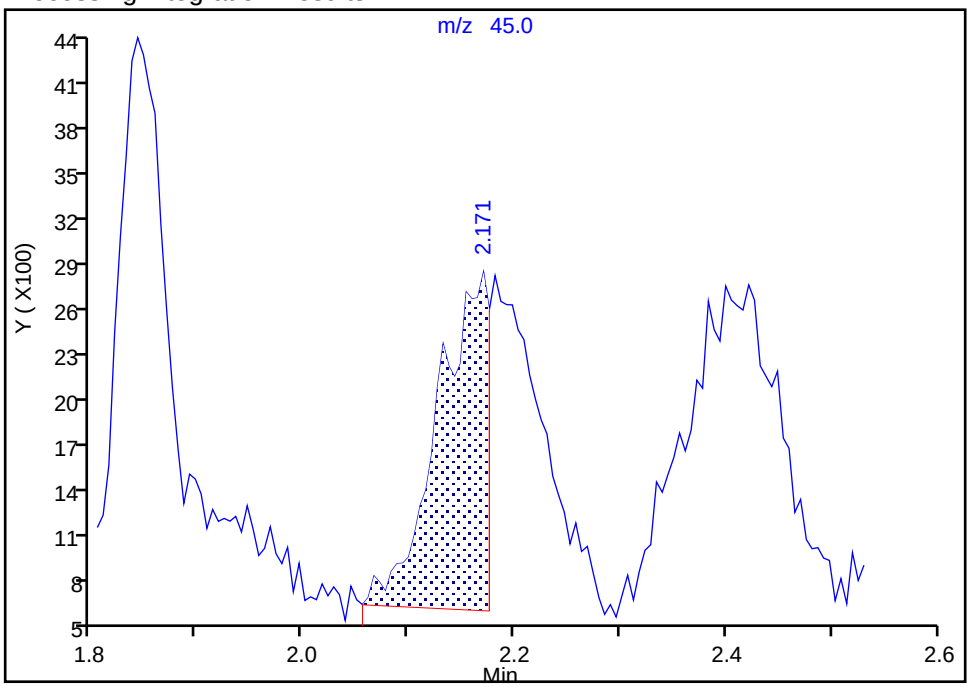
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

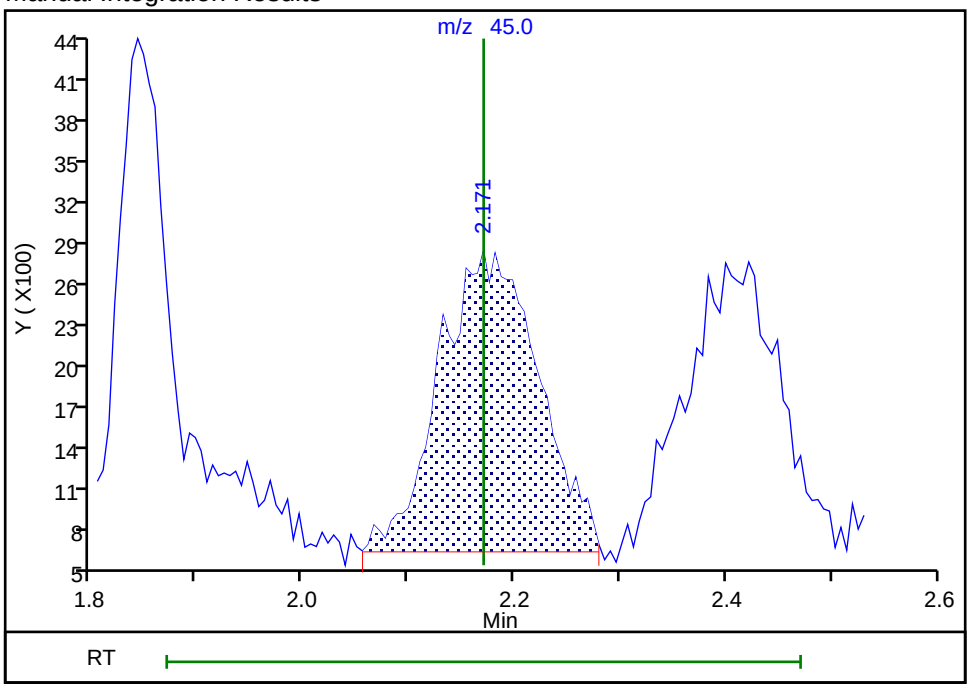
Processing Integration Results

RT: 2.17
Area: 7313
Amount: 14.972744
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 13939
Amount: 29.771730
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:39:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

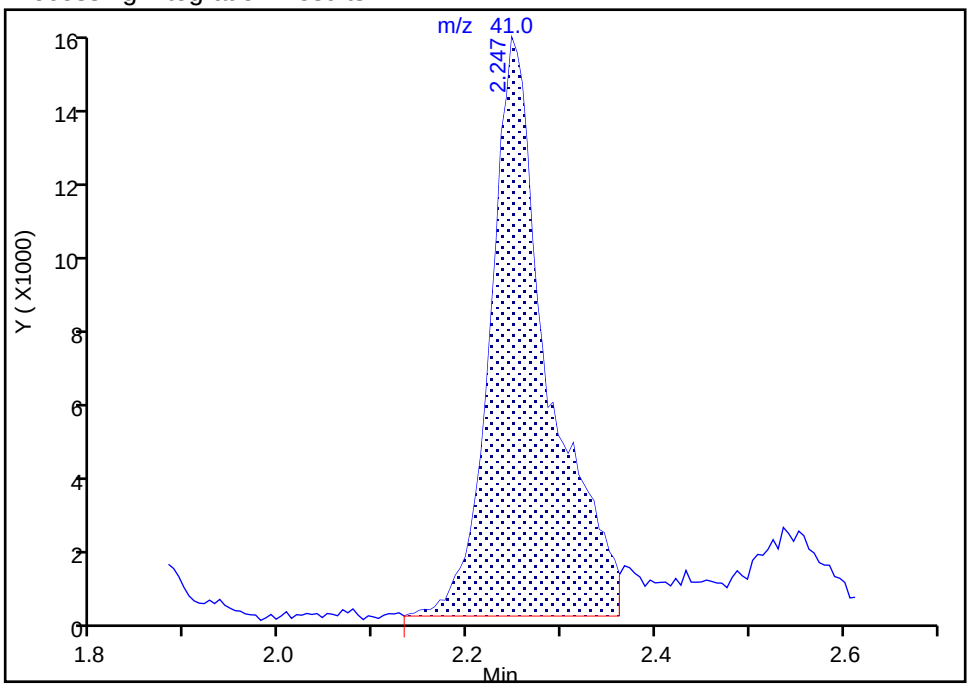
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

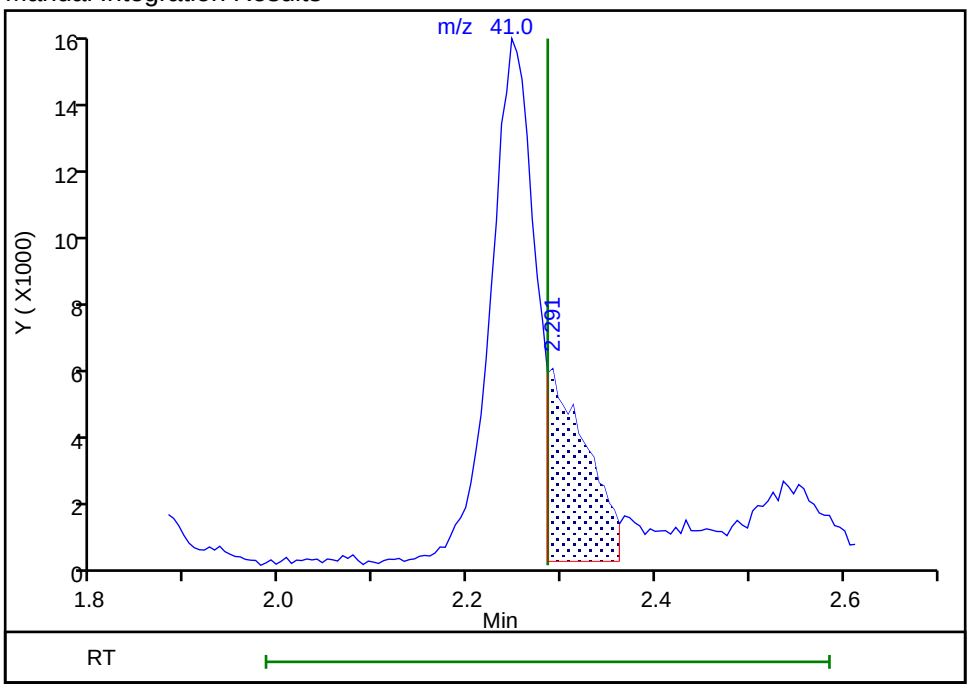
Processing Integration Results

RT: 2.25
Area: 65527
Amount: 36.117075
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 16896
Amount: 44.331648
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:39:45
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

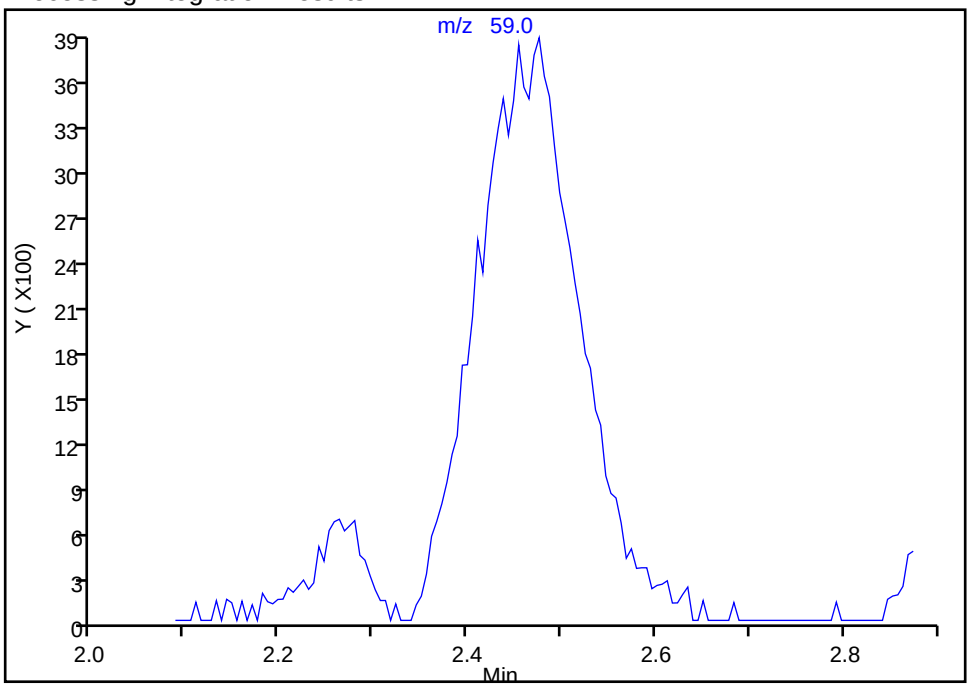
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

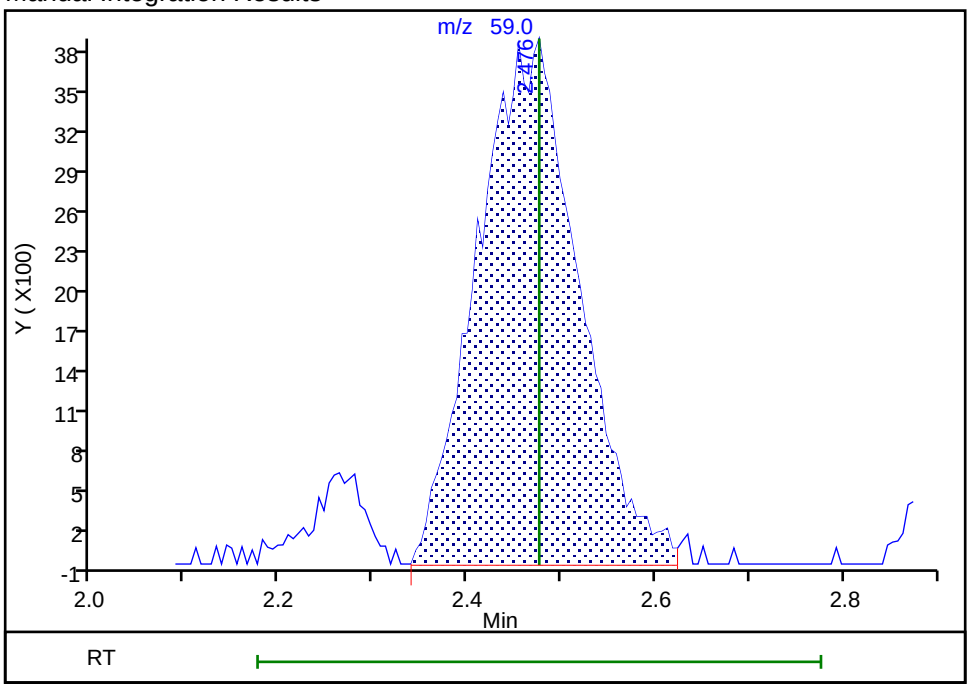
Not Detected
Expected RT: 2.48

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 29425
Amount: 45.874031
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:40:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

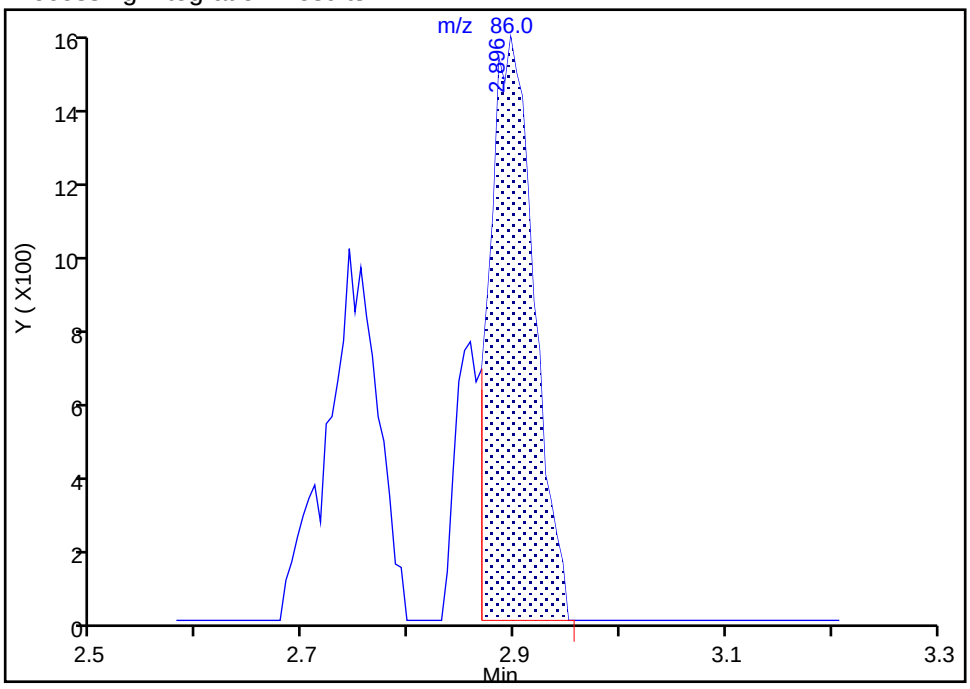
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

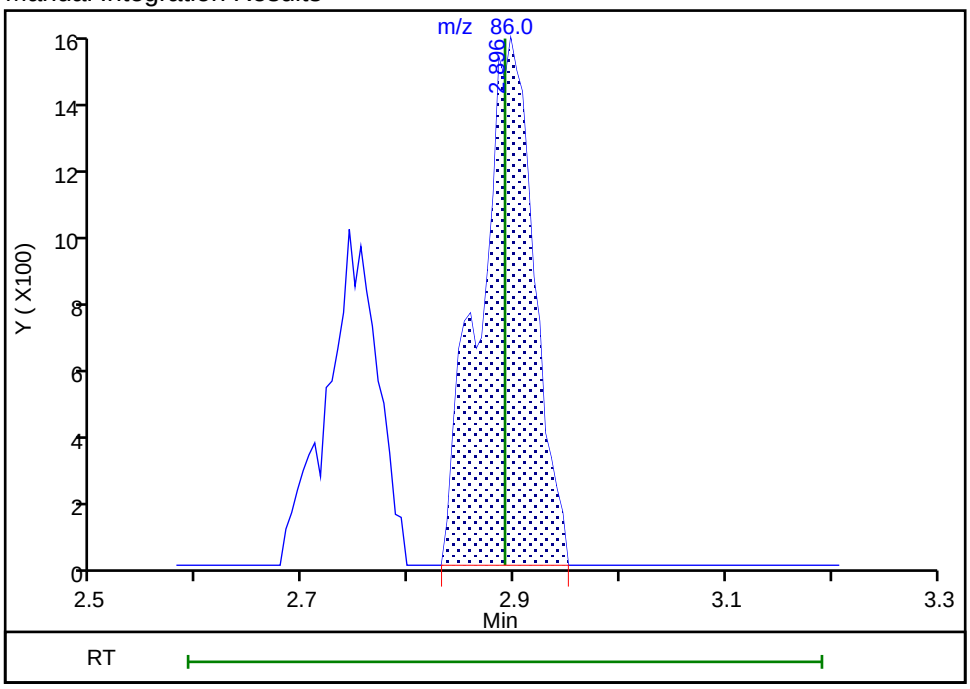
Processing Integration Results

RT: 2.90
Area: 4475
Amount: 4.557494
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 5535
Amount: 5.817667
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:14:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

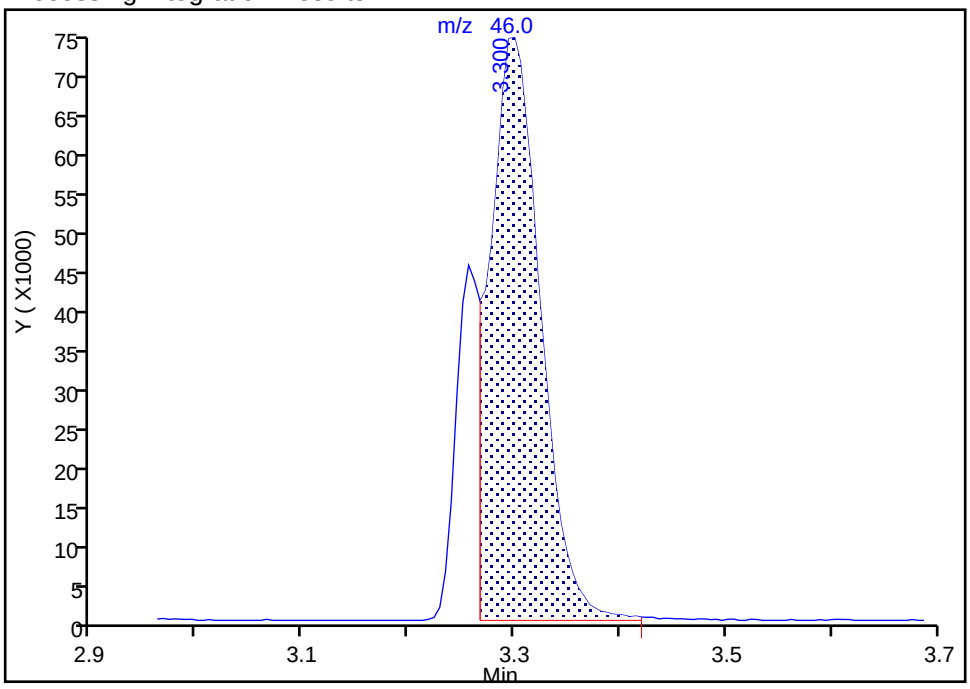
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

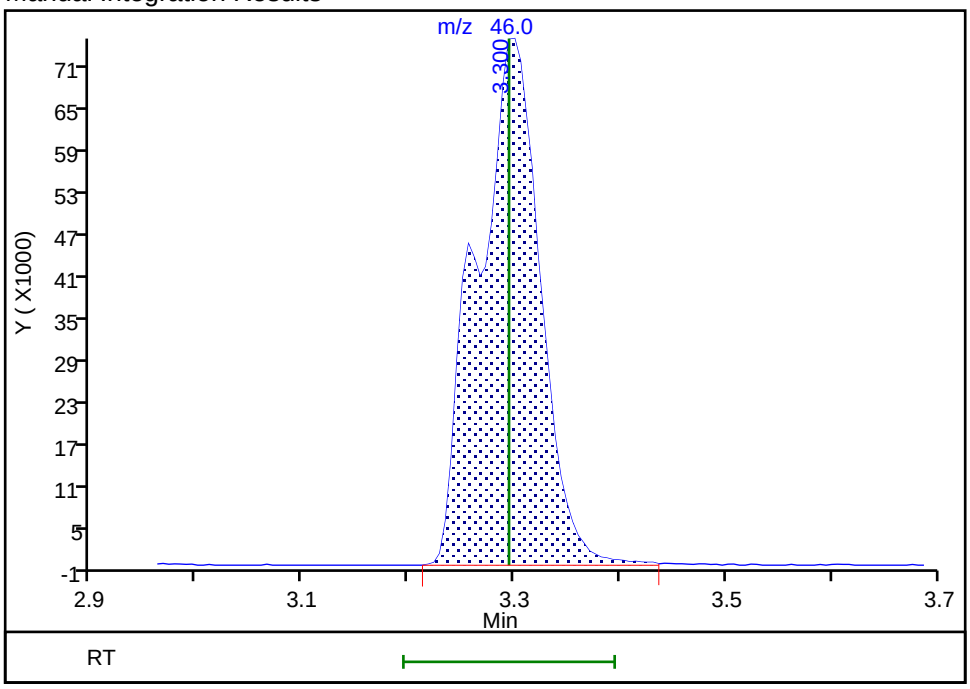
Processing Integration Results

RT: 3.30
Area: 249590
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 309545
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:37:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

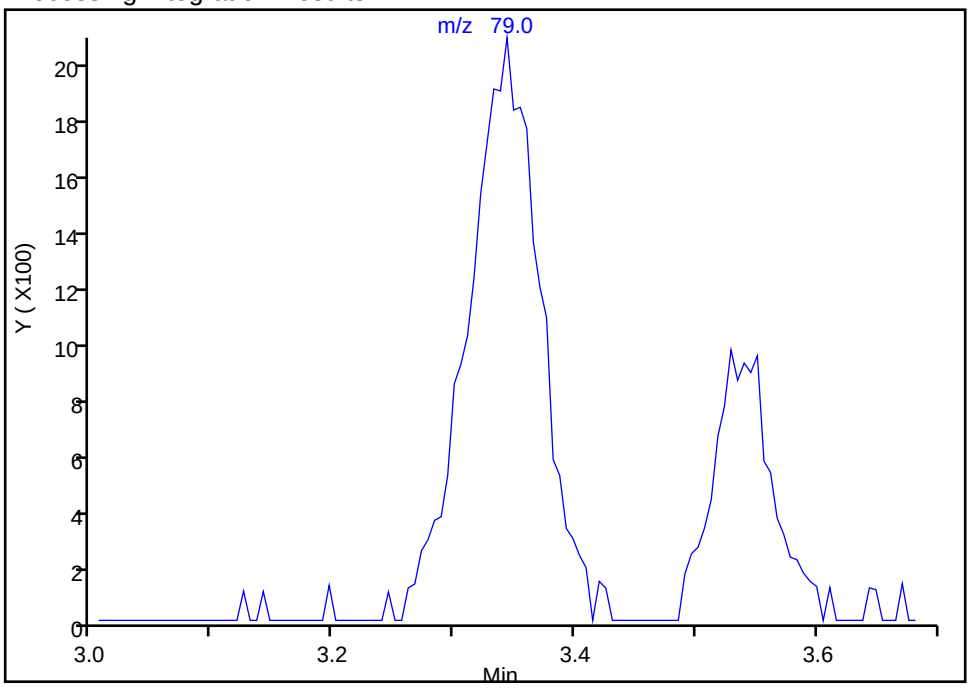
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

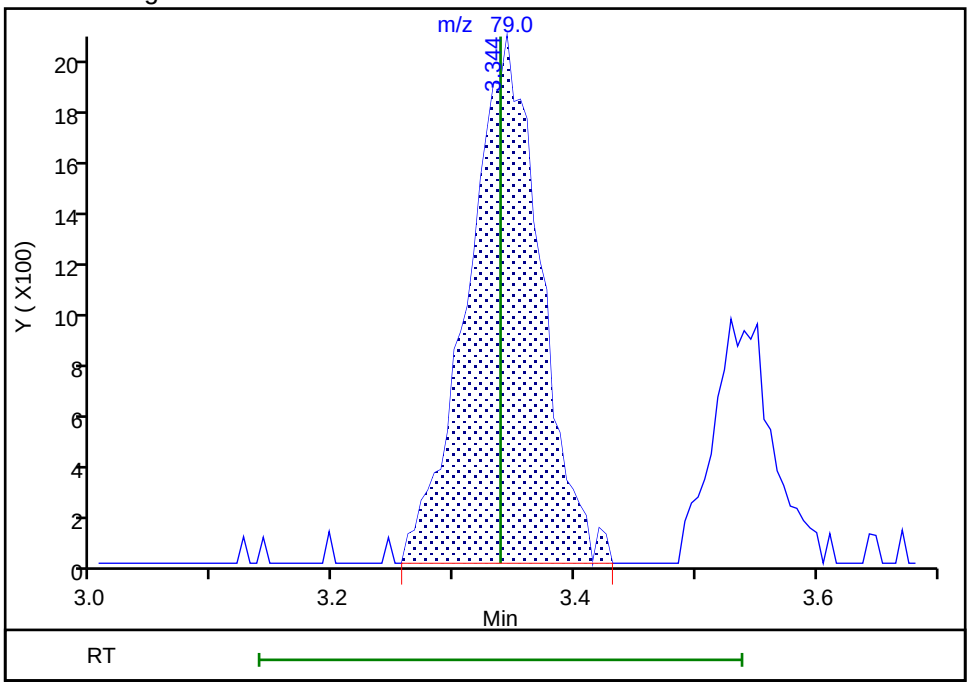
Not Detected
Expected RT: 3.34

Processing Integration Results



Manual Integration Results

RT: 3.34
Area: 8544
Amount: 4.944947
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:42:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

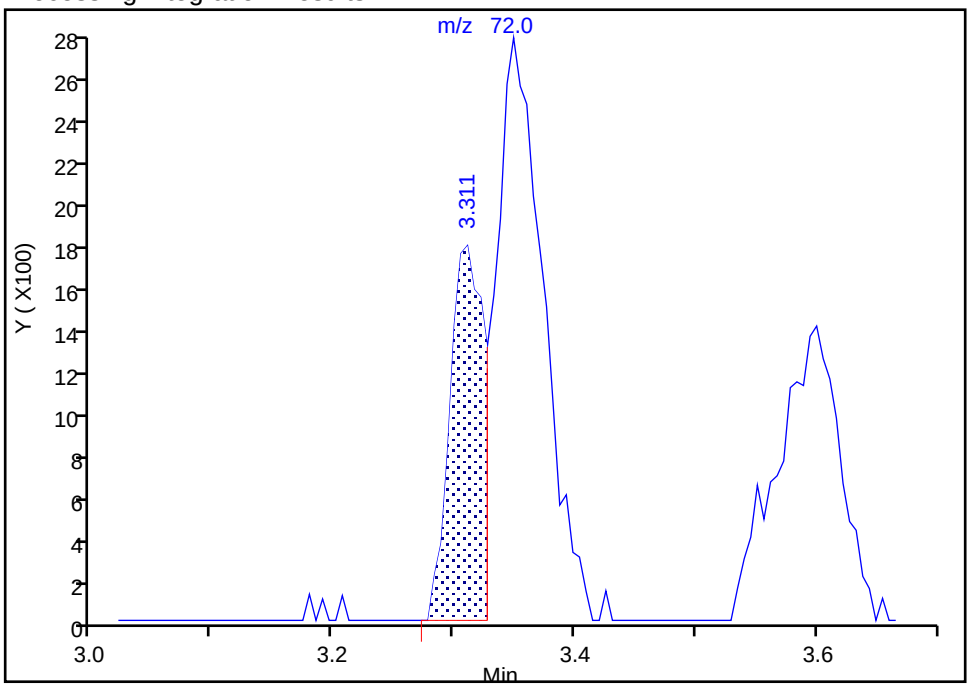
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

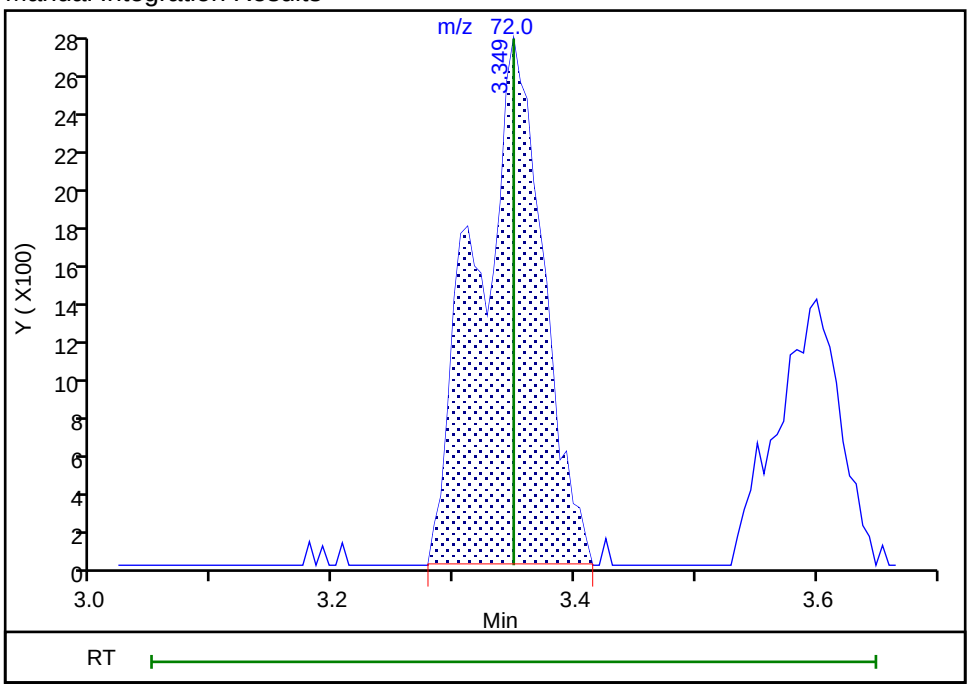
Processing Integration Results

RT: 3.31
Area: 3460
Amount: 8.389683
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 10473
Amount: 22.750498
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:41:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

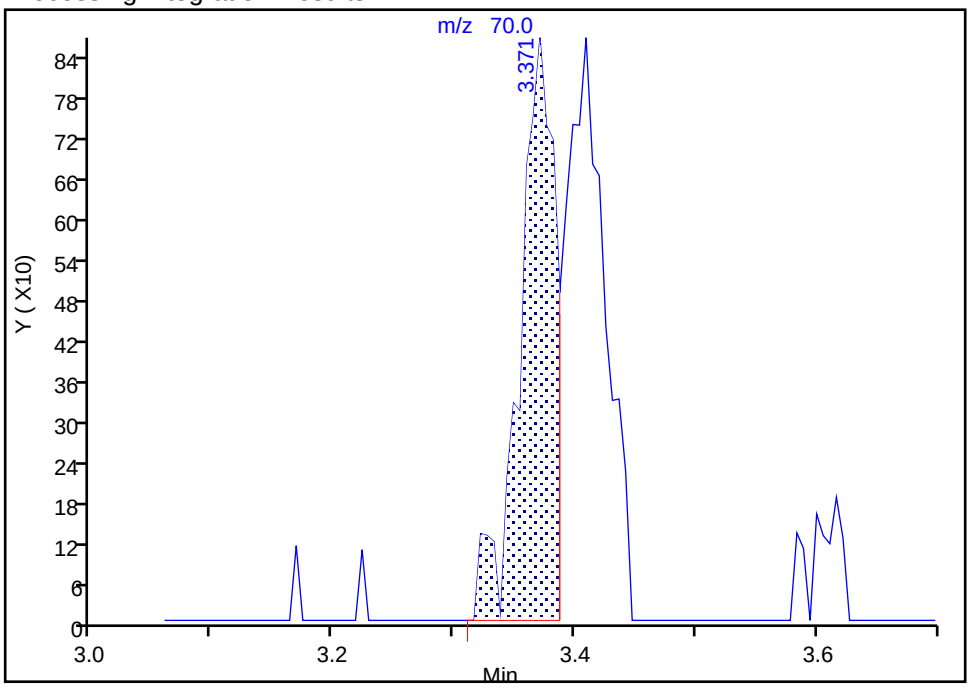
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

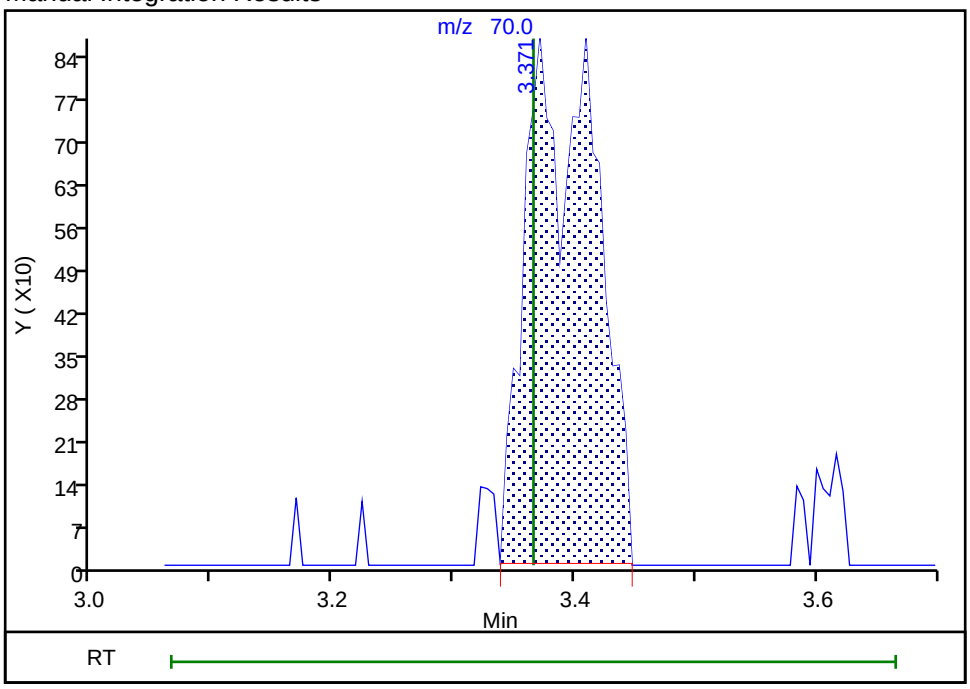
Processing Integration Results

RT: 3.37
Area: 1782
Amount: 4.981464
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 3476
Amount: 8.722326
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:41:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

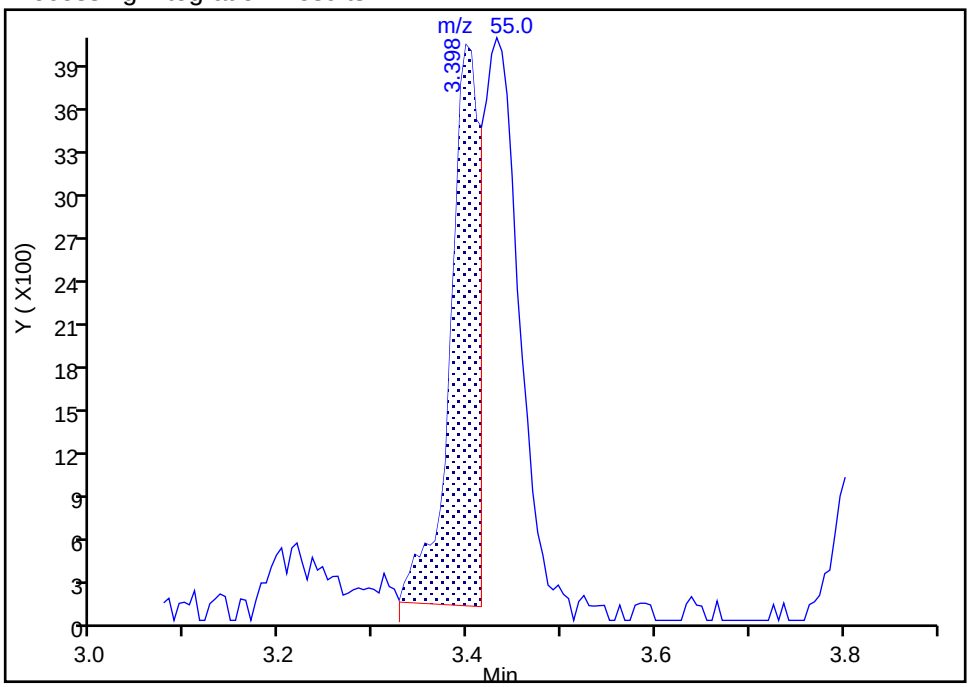
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

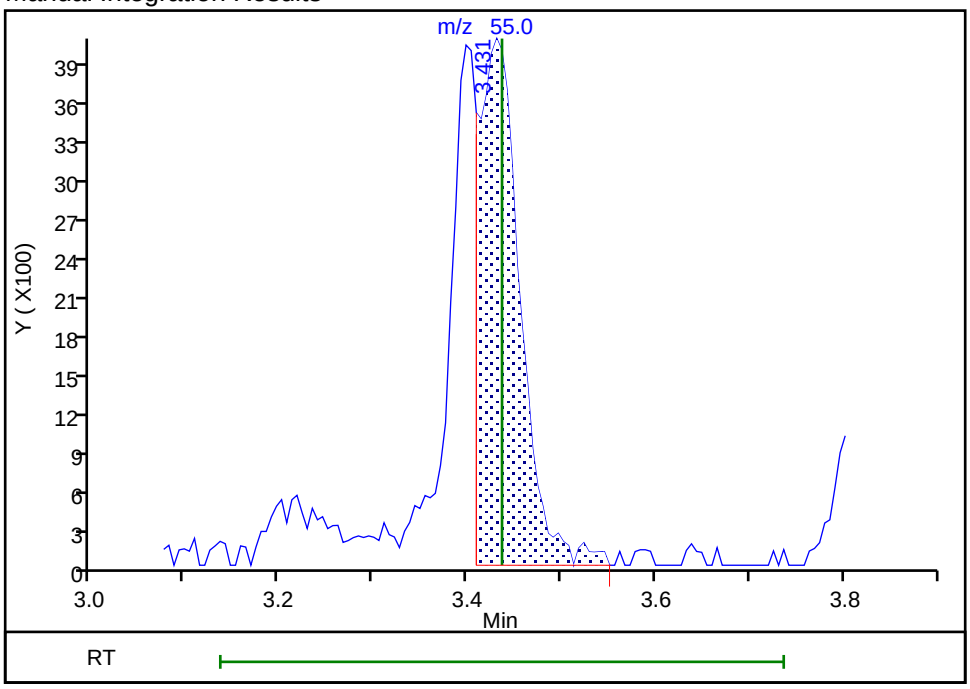
Processing Integration Results

RT: 3.40
Area: 8763
Amount: 3.789542
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 12677
Amount: 3.537577
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:42:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

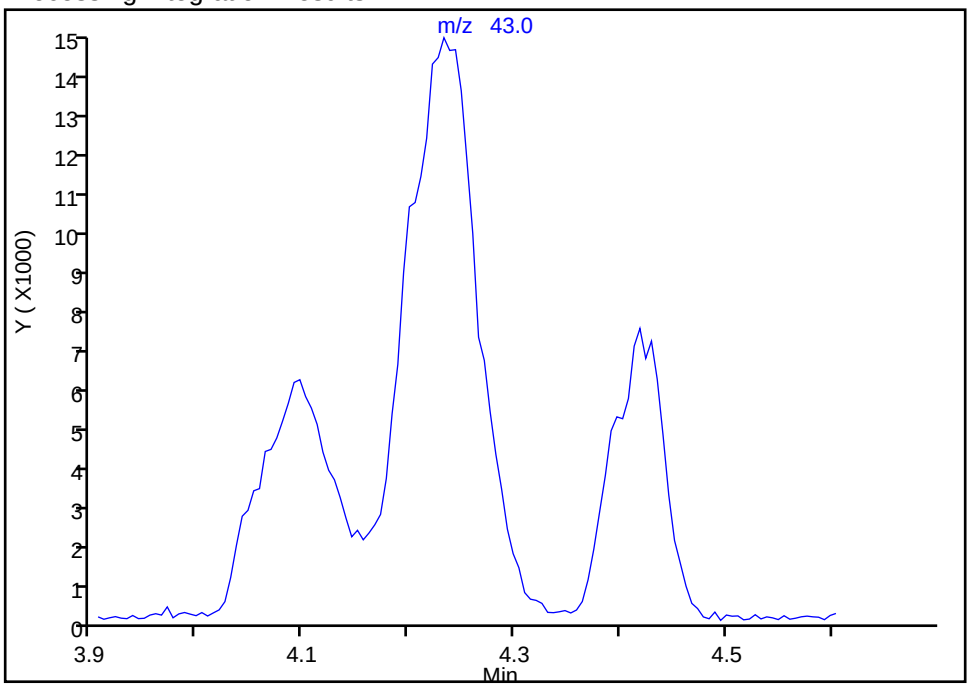
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

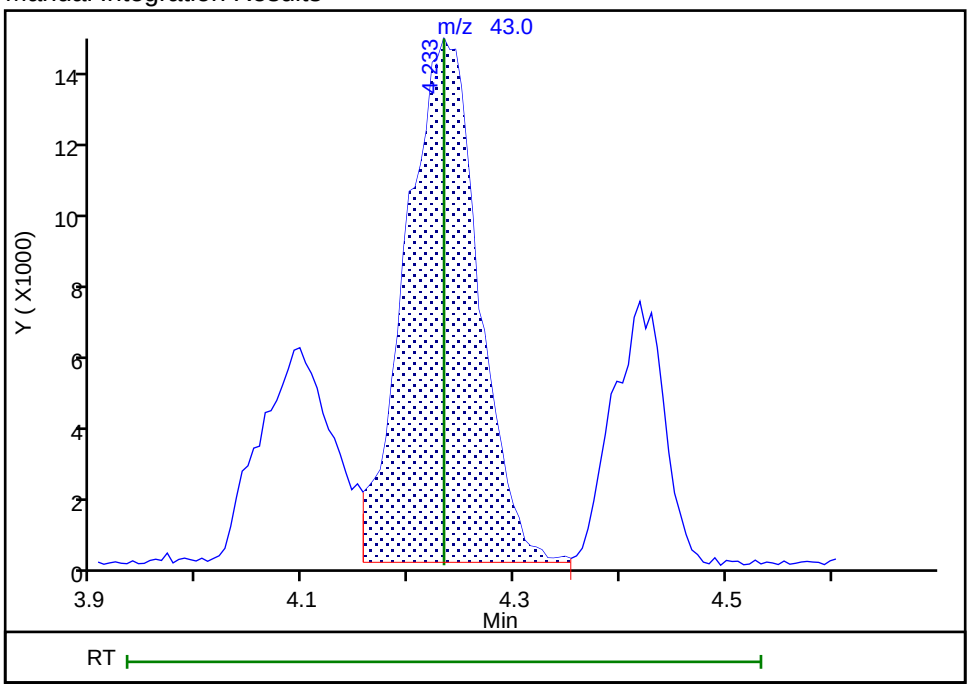
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 67349
Amount: 4.959163
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:42:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

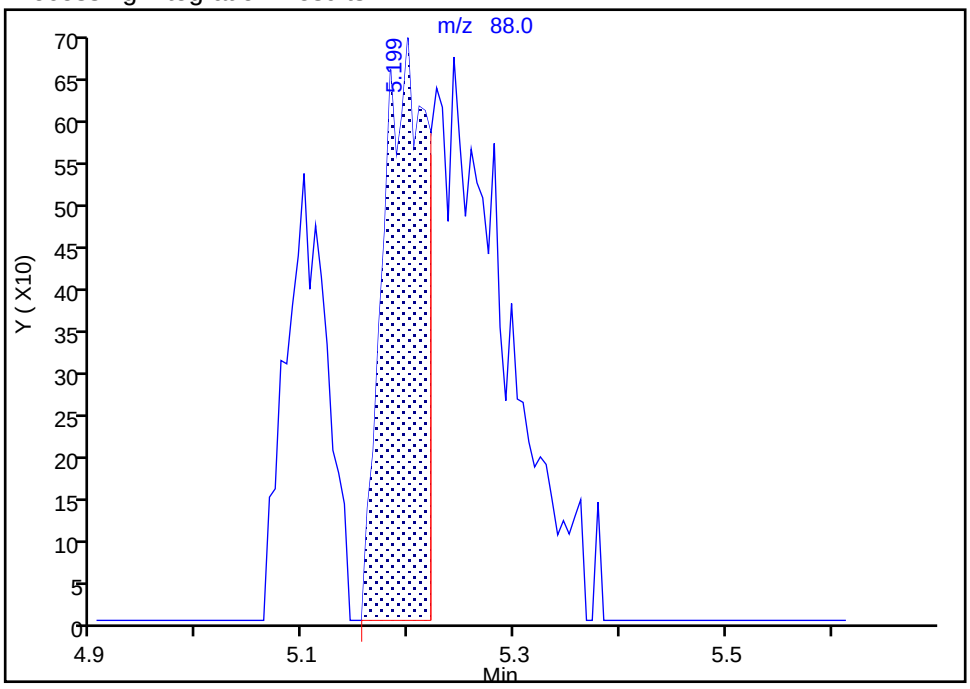
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

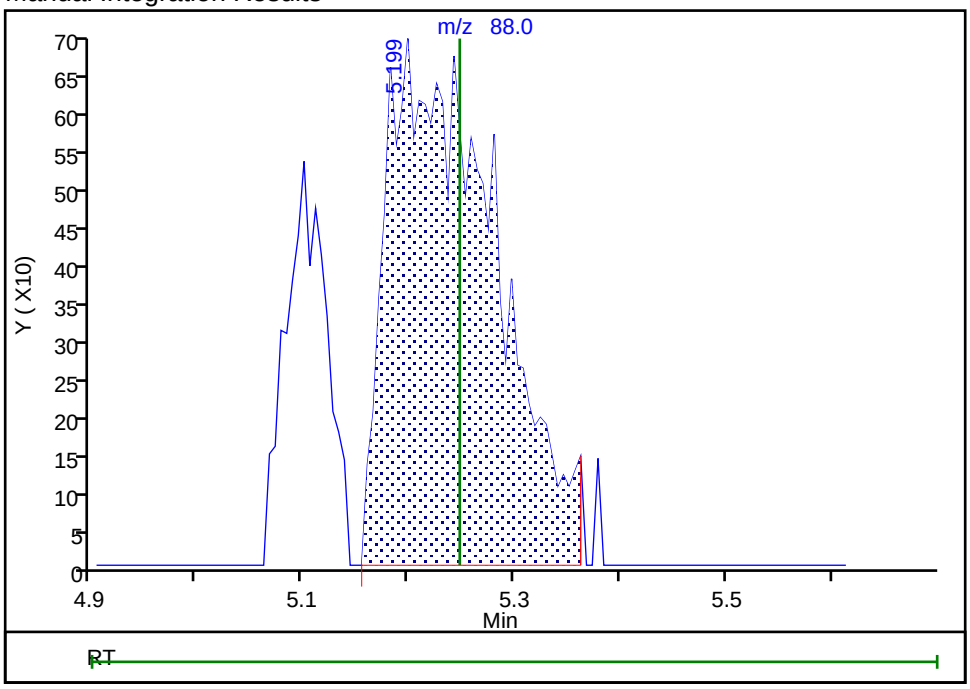
Processing Integration Results

RT: 5.20
Area: 1971
Amount: 58.381100
Amount Units: ug/l



Manual Integration Results

RT: 5.20
Area: 4941
Amount: 104.8741
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:43:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

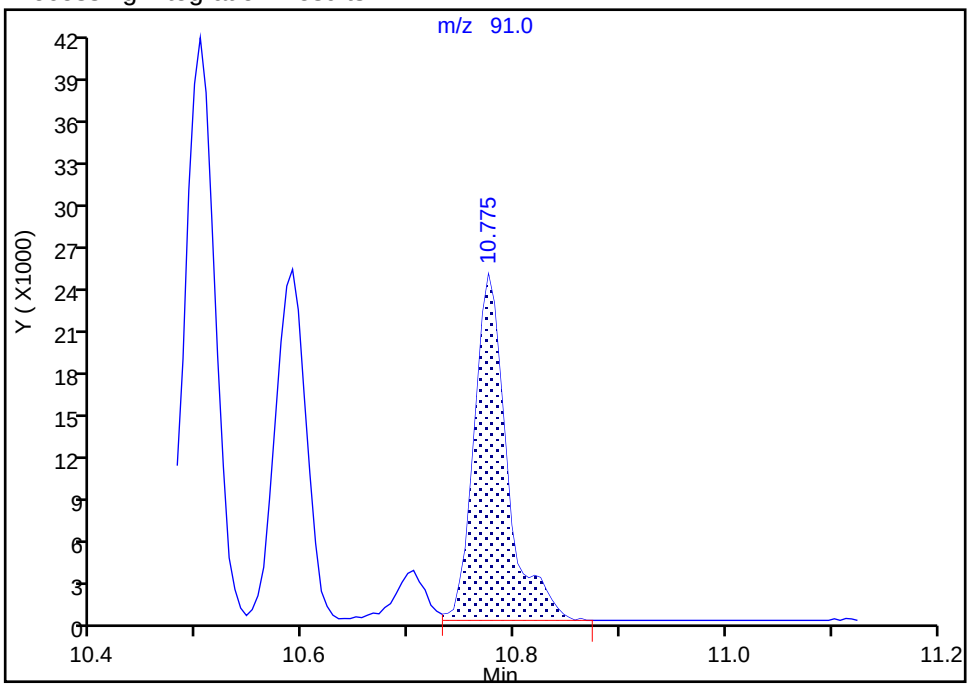
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

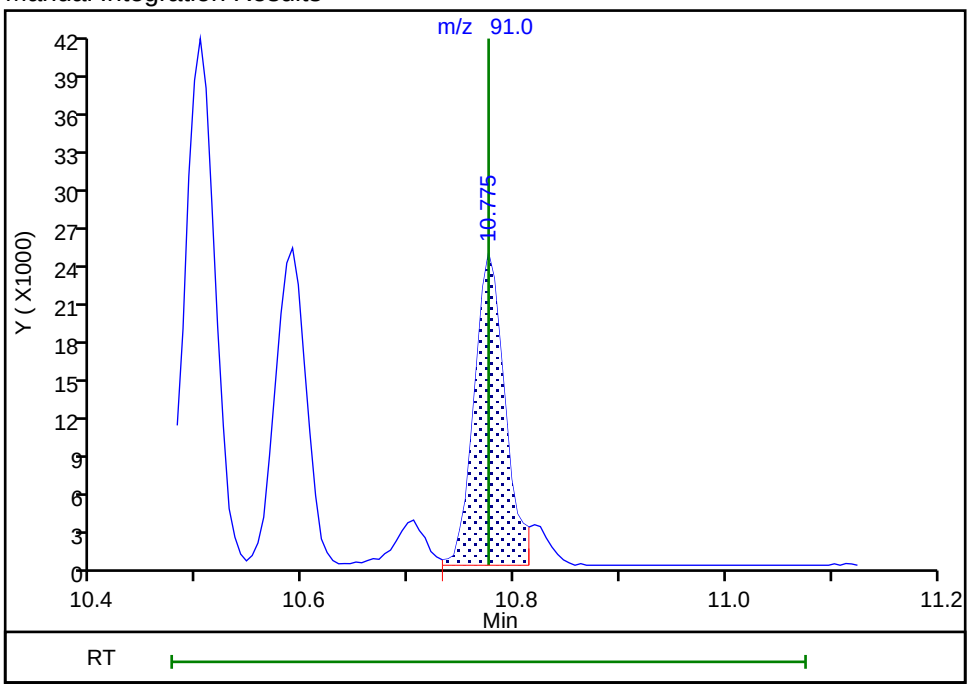
Processing Integration Results

RT: 10.78
Area: 53158
Amount: 4.684455
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 49439
Amount: 4.619913
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:43:35
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

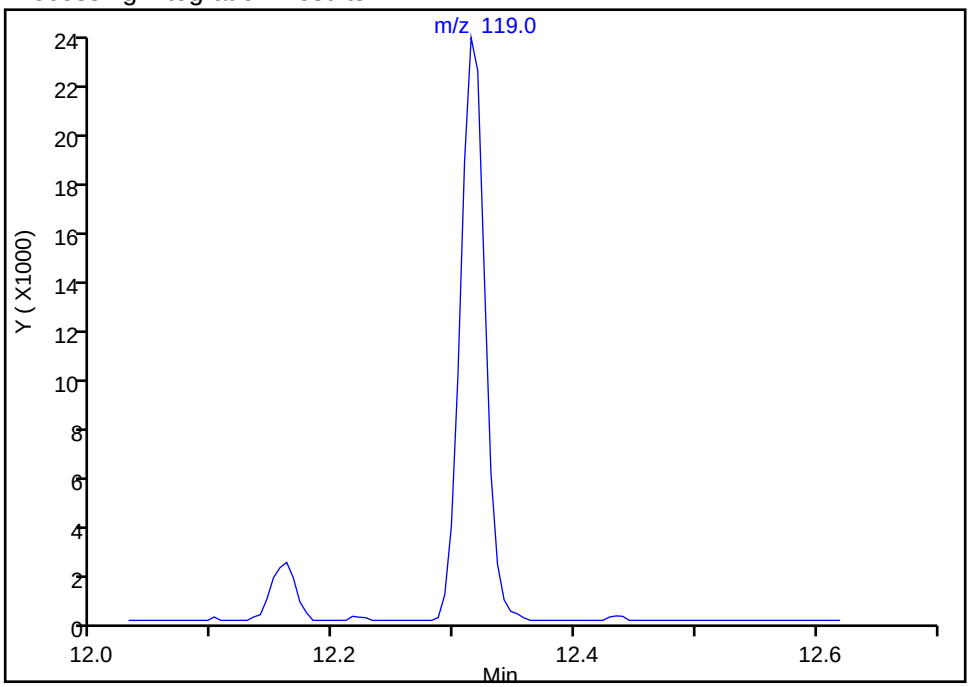
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

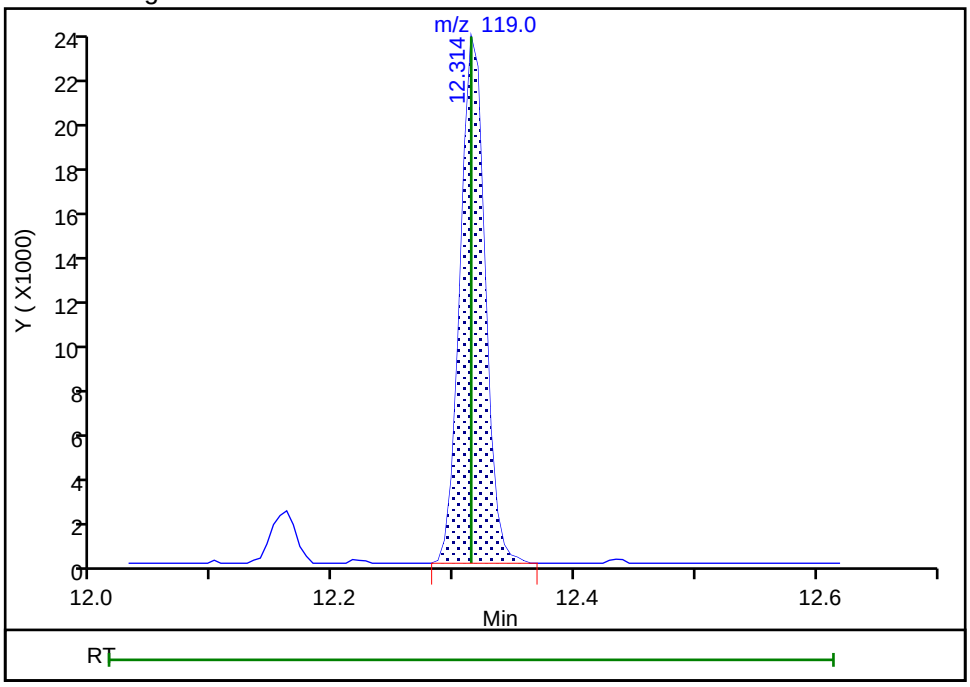
Not Detected
Expected RT: 12.31

Processing Integration Results



Manual Integration Results

RT: 12.31
Area: 33595
Amount: 4.590971
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:43:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 26-Aug-2020 21:22:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0115799-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:35:34 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 27-Aug-2020 15:34:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.036	1.036	0.000	43	7606	20.0	23.3	a
3 1,1-Difluoroethane	65	1.074	1.074	0.000	96	47883	20.0	22.7	
2 Chlorotrifluoroethene	116	1.112	1.112	0.000	94	29884	20.0	22.3	
5 Chlorodifluoromethane	67	1.129	1.129	0.000	97	16534	20.0	22.8	
4 Dichlorodifluoromethane	85	1.134	1.134	0.000	96	111471	20.0	21.6	
6 Chloromethane	50	1.249	1.249	0.000	99	163702	20.0	22.5	
7 Butadiene	54	1.281	1.281	0.000	96	102556	20.0	22.7	
8 Vinyl chloride	62	1.309	1.309	0.000	98	115582	20.0	23.1	
9 Bromomethane	94	1.489	1.489	0.000	99	76055	20.0	22.1	
10 Chloroethane	64	1.521	1.521	0.000	100	58610	20.0	22.8	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	99	142979	20.0	22.4	
13 Pentane	72	1.712	1.712	0.000	96	24593	40.0	43.4	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	47	110107	20.0	22.8	
15 Ethyl ether	59	1.838	1.838	0.000	95	59265	20.0	22.7	
16 2-Methyl-1,3-butadiene	53	1.865	1.865	0.000	91	80528	20.0	26.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	0.000	79	60088	20.0	22.6	
14 Ethanol	46	1.903	1.903	0.000	69	21355	800.0	778.2	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.914	1.914	0.000	94	104965	20.0	22.5	a
19 Acrolein	56	1.931	1.931	0.000	96	145464	300.0	280.0	
21 1,1-Dichloroethene	96	2.007	2.007	0.000	97	69016	20.0	22.8	
22 Acetone	43	2.034	2.034	0.000	86	115794	100.0	93.4	
20 112TCTFE	101	2.040	2.040	0.000	71	74460	20.0	24.2	
23 Iodomethane	142	2.116	2.116	0.000	98	144321	20.0	22.2	
24 Isopropyl alcohol	45	2.171	2.171	0.000	25	59951	200.0	133.9	M
25 Carbon disulfide	76	2.171	2.171	0.000	99	318886	20.0	23.6	
26 3-Chloro-1-propene	39	2.242	2.242	0.000	93	107656	20.0	22.3	
27 Methyl acetate	43	2.258	2.258	0.000	100	114435	40.0	37.1	
29 Acetonitrile	41	2.285	2.285	0.000	74	69521	200.0	191.1	M
28 Cyclopentene	67	2.307	2.307	0.000	96	207142	20.0	23.6	
31 Methylene Chloride	84	2.340	2.340	0.000	96	91753	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.405	0.000	95	414308	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.476	2.476	0.000	92	111945	200.0	182.9	Ma
35 Acrylonitrile	53	2.509	2.509	0.000	94	301173	200.0	218.4	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	98	80193	20.0	23.4	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	97	205328	20.0	22.3	
36 Hexane	43	2.738	2.738	0.000	93	72237	20.0	22.9	
38 1,1-Dichloroethane	63	2.853	2.853	0.000	99	151779	20.0	22.6	
39 Vinyl acetate	86	2.891	2.891	0.000	100	25529	40.0	28.2	M
37 Isopropyl ether	45	2.918	2.918	0.000	87	275044	20.0	22.4	
40 2-Chloro-1,3-butadiene	88	2.924	2.924	0.000	88	71959	20.0	22.9	
41 Tert-butyl ethyl ether	59	3.213	3.213	0.000	88	267374	20.0	24.4	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	94	291438	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	94	92760	20.0	22.7	
43 2,2-Dichloropropane	79	3.338	3.338	0.000	69	38399	20.0	22.8	
46 2-Butanone (MEK)	72	3.349	3.349	0.000	99	41764	100.0	96.4	M
45 Ethyl acetate	70	3.366	3.366	0.000	99	14180	40.0	37.8	M
48 Propionitrile	54	3.398	3.398	0.000	98	123947	200.0	187.3	
47 Methyl acrylate	55	3.437	3.437	0.000	98	50380	20.0	14.4	a
51 Methacrylonitrile	67	3.524	3.524	0.000	94	296205	200.0	215.5	
50 Chlorobromomethane	128	3.535	3.535	0.000	94	44211	20.0	22.6	
49 Tetrahydrofuran	72	3.595	3.595	0.000	81	20015	40.0	41.6	
52 Chloroform	83	3.611	3.611	0.000	99	144995	20.0	22.7	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	97	183503	50.0	52.9	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	99	119875	20.0	23.4	
53 Cyclohexane	84	3.840	3.840	0.000	93	124445	20.0	24.2	
57 1,1-Dichloropropene	75	3.928	3.928	0.000	97	106258	20.0	22.5	
56 Carbon tetrachloride	117	3.944	3.944	0.000	99	101328	20.0	23.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	187231	50.0	52.3	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	26511	500.0	365.0	a
60 Benzene	78	4.130	4.130	0.000	95	315922	20.0	22.6	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	96	96827	20.0	21.4	
59 Isooctane	57	4.217	4.217	0.000	96	333461	20.0	24.9	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	294380	20.0	22.2	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	94	65244	20.0	22.2	
* 66 Fluorobenzene	96	4.408	4.408	0.000	98	510166	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	96	80433	20.0	12.5	
68 n-Butanol	56	4.757	4.757	0.000	83	58837	500.0	368.2	
69 Trichloroethene	95	4.790	4.790	0.000	98	71978	20.0	22.1	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	10024	20.0	19.9	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	144885	20.0	23.9	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	91	76522	20.0	21.8	
77 Dibromomethane	93	5.161	5.161	0.000	98	43705	20.0	21.3	
* 73 1,4-Dioxane-d8	96	5.166	5.166	0.000	44	35141	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.183	0.000	93	74156	40.0	40.1	
75 1,4-Dioxane	88	5.248	5.248	0.000	84	20231	400.0	418.0	Ma
76 n-Propyl acetate	43	5.264	5.264	0.000	99	83081	20.0	19.5	
78 Dichlorobromomethane	83	5.352	5.352	0.000	99	90057	20.0	21.0	
79 2-Nitropropane	41	5.614	5.614	0.000	98	29169	40.0	39.1	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	10976	20.0	19.7	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	119474	400.0	391.2	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	93828	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	98	365615	100.0	108.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	99	561309	50.0	51.1	
84 Toluene	91	6.301	6.301	0.000	94	266093	20.0	21.6	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	75371	20.0	20.2	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	74031	20.0	21.6	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	95	43268	20.0	21.3	
88 Tetrachloroethene	166	7.021	7.021	0.000	98	62955	20.0	22.1	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	95	80986	20.0	21.0	
90 2-Hexanone	43	7.234	7.234	0.000	97	199765	100.0	102.7	
92 Chlorodibromomethane	129	7.365	7.365	0.000	99	57305	20.0	20.7	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	94100	20.0	21.3	
93 Ethylene Dibromide	107	7.496	7.496	0.000	98	48823	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.195	8.195	0.000	86	347873	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	94	160593	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	74040	20.0	22.0	
96 Ethylbenzene	106	8.435	8.435	0.000	98	92804	20.0	22.5	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	114411	20.0	22.2	
100 o-Xylene	106	9.220	9.220	0.000	93	123895	20.0	22.5	
101 Styrene	104	9.248	9.248	0.000	96	178173	20.0	22.3	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	48390	20.0	22.6	
103 Bromoform	173	9.488	9.488	0.000	97	40225	20.0	21.4	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	117102	20.0	20.9	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	332386	20.0	23.5	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	173827	50.0	52.9	
106 Bromobenzene	156	10.235	10.235	0.000	98	72057	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	84339	20.0	21.0	
109 1,2,3-Trichloropropane	110	10.372	10.372	0.000	98	20139	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	92	17649	20.0	20.0	
108 N-Propylbenzene	91	10.503	10.503	0.000	99	382030	20.0	22.2	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	229059	20.0	21.7	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	304013	20.0	22.5	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	215426	20.0	21.3	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	284446	20.0	21.9	
115 Butyl Methacrylate	87	11.081	11.081	0.000	93	88811	20.0	21.5	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	212988	20.0	16.8	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	288677	20.0	21.7	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	360178	20.0	22.1	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	140258	20.0	21.5	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.818	0.000	96	204021	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	302131	20.0	21.9	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	93	138425	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	302432	20.0	21.9	
124 Benzyl chloride	91	12.036	12.036	0.000	98	119636	20.0	21.0	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	283116	20.0	22.3	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	96	153964	20.0	21.7	
126 p-Diethylbenzene	119	12.314	12.314	0.000	93	159320	20.0	23.0	
127 n-Butylbenzene	92	12.341	12.341	0.000	99	165029	20.0	23.1	
130 1,2-Dibromo-3-Chloropropane	157	13.122	13.122	0.000	93	19430	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	13.127	13.127	0.000	98	316678	20.0	22.6	
131 1,3,5-Trichlorobenzene	180	13.329	13.329	0.000	98	138464	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	13.896	13.896	0.000	93	134146	20.0	21.6	
133 Hexachlorobutadiene	225	14.071	14.071	0.000	96	65935	20.0	21.2	
134 Naphthalene	128	14.104	14.104	0.000	99	328675	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.317	14.317	0.000	96	142362	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.0	
S 137 Xylenes, Total	100				0		40.0	44.7	
S 139 Total BTEX	1				0		100.0	111.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL		
ACROLEIN W_00111	Amount Added:	3.00	Units: uL		
524freon_00026	Amount Added:	2.00	Units: uL		
GASES Li_00383	Amount Added:	2.00	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:35:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D

Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9 Operator ID:

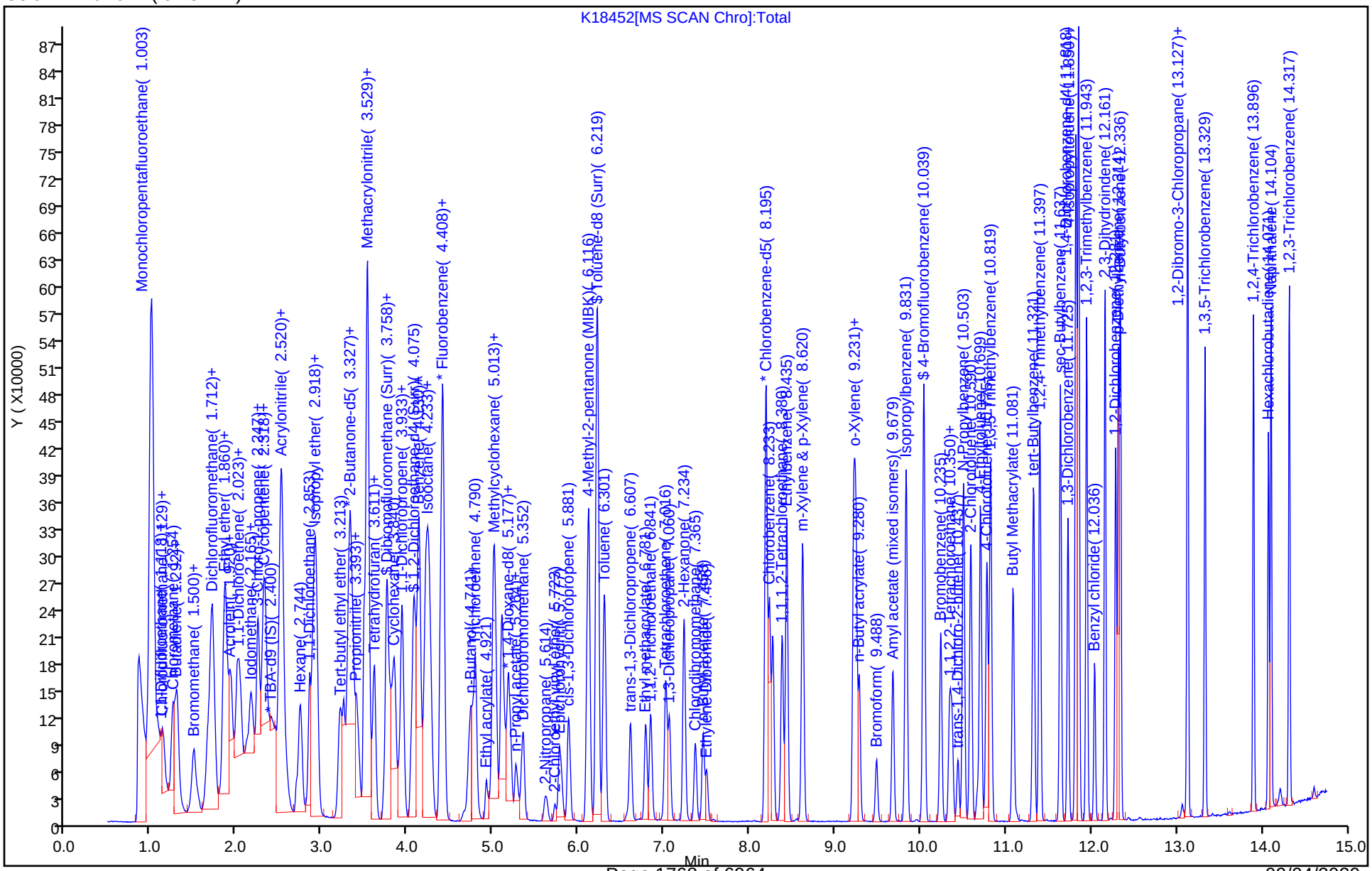
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

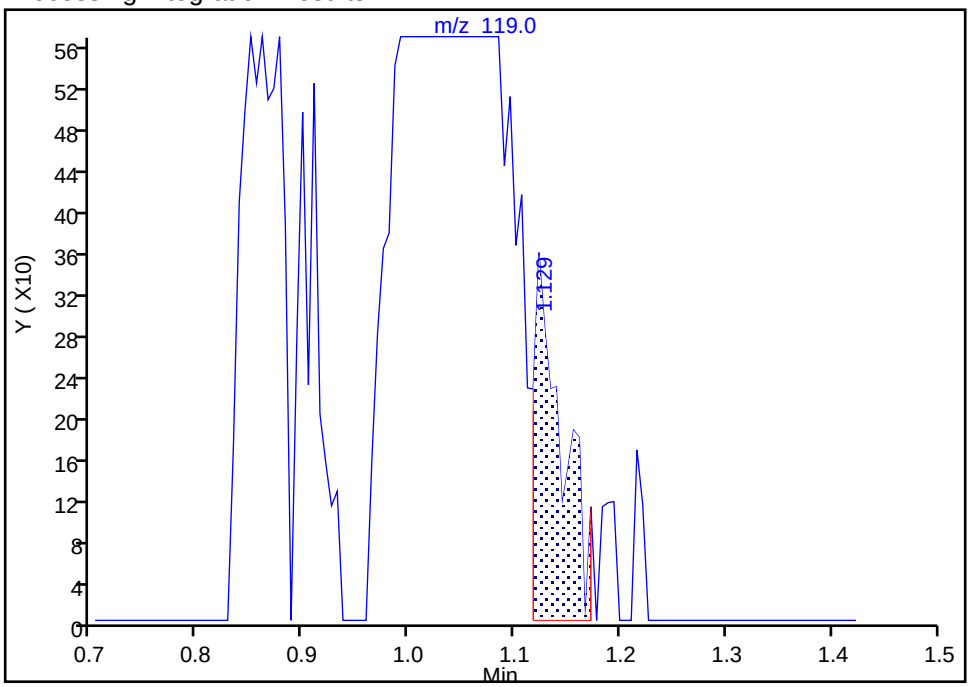
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

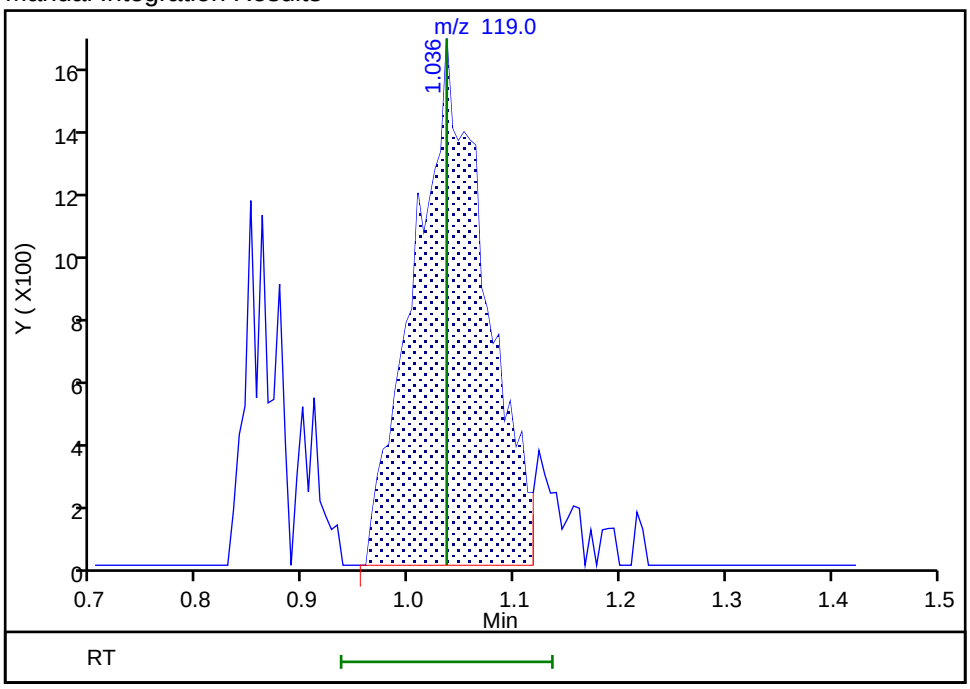
Processing Integration Results

RT: 1.13
Area: 668
Amount: 2.604987
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 7606
Amount: 23.344809
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:18:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

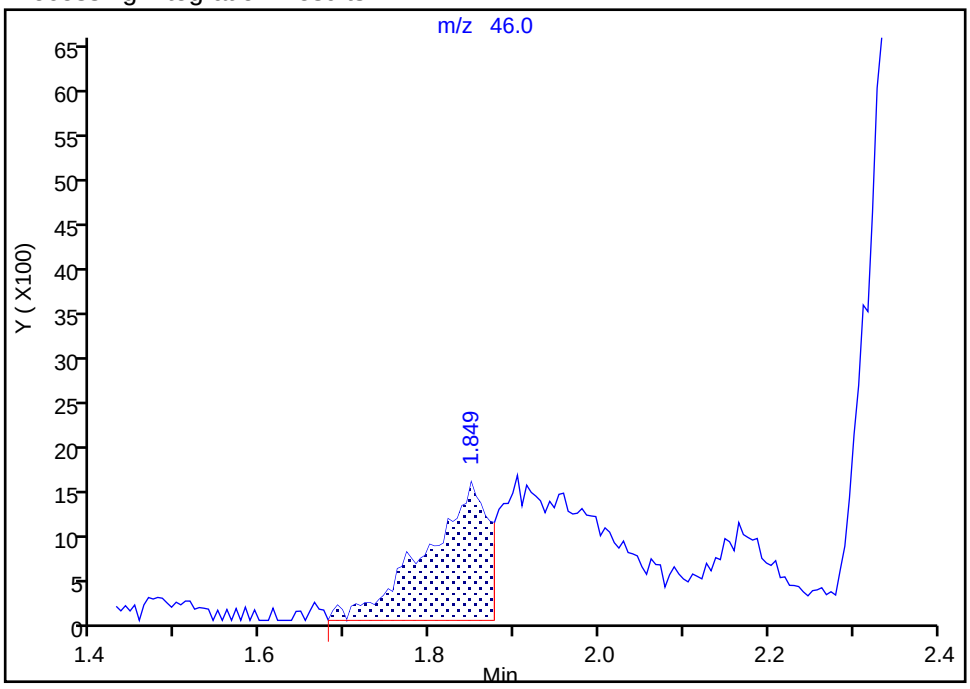
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

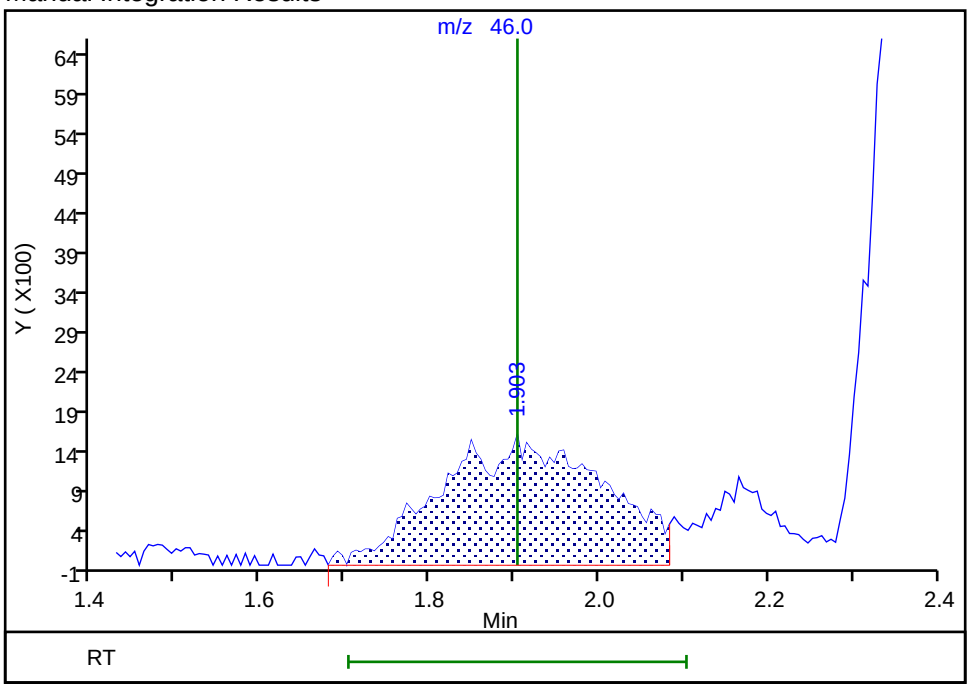
Processing Integration Results

RT: 1.85
Area: 7987
Amount: 357.3102
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 21355
Amount: 778.2216
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:19:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

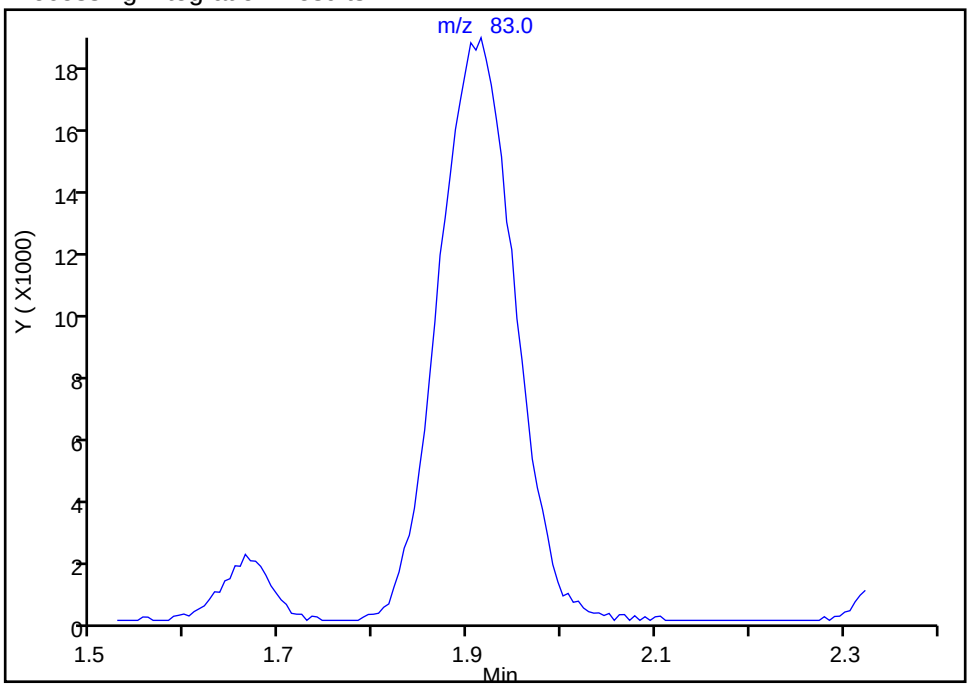
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

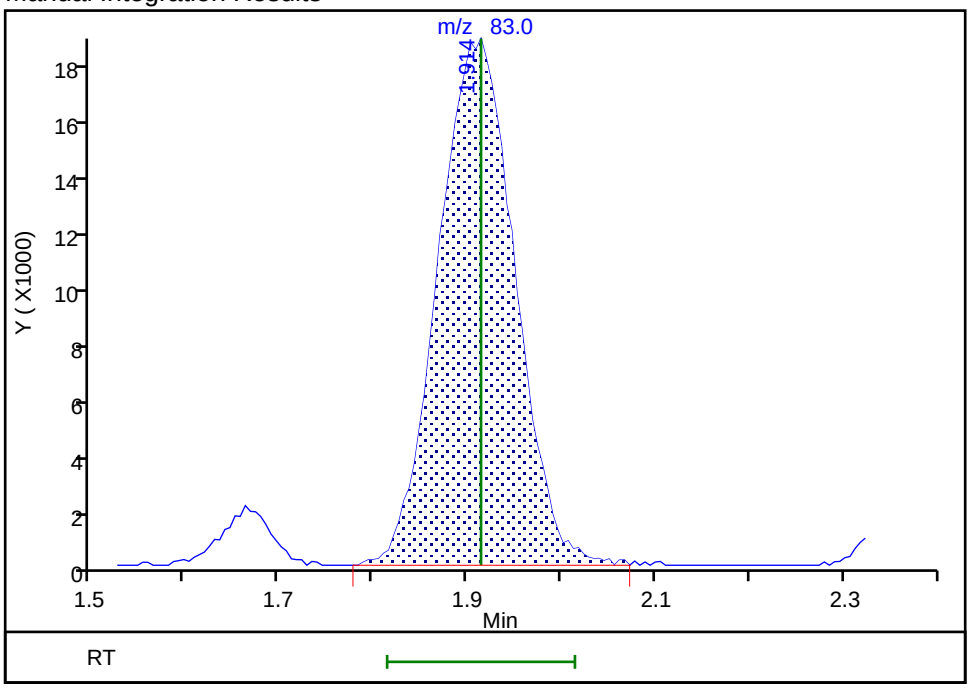
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 104965
Amount: 22.469068
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:19:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

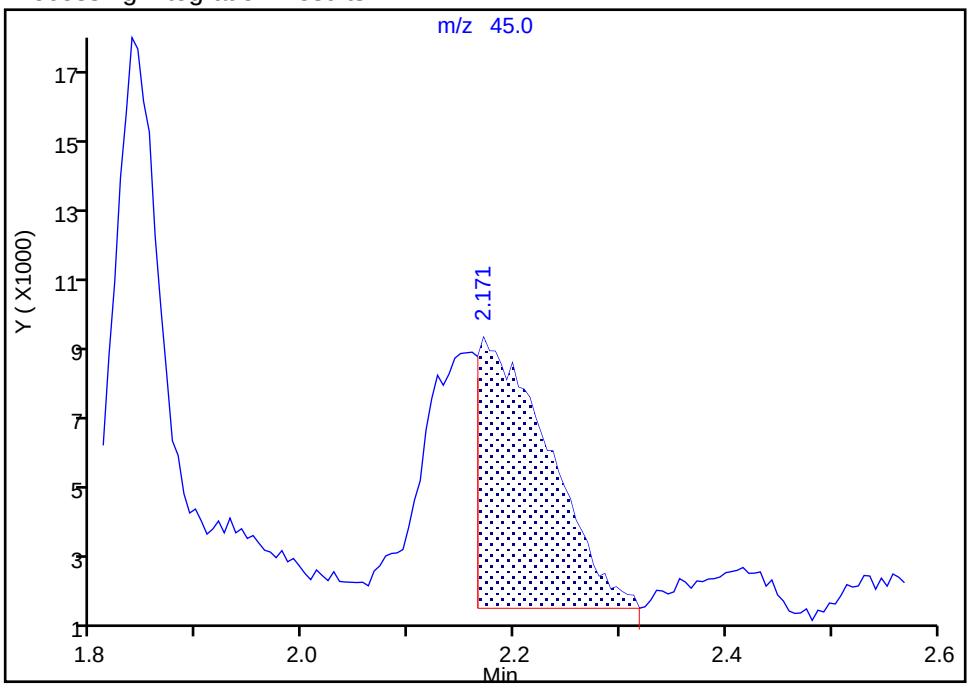
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

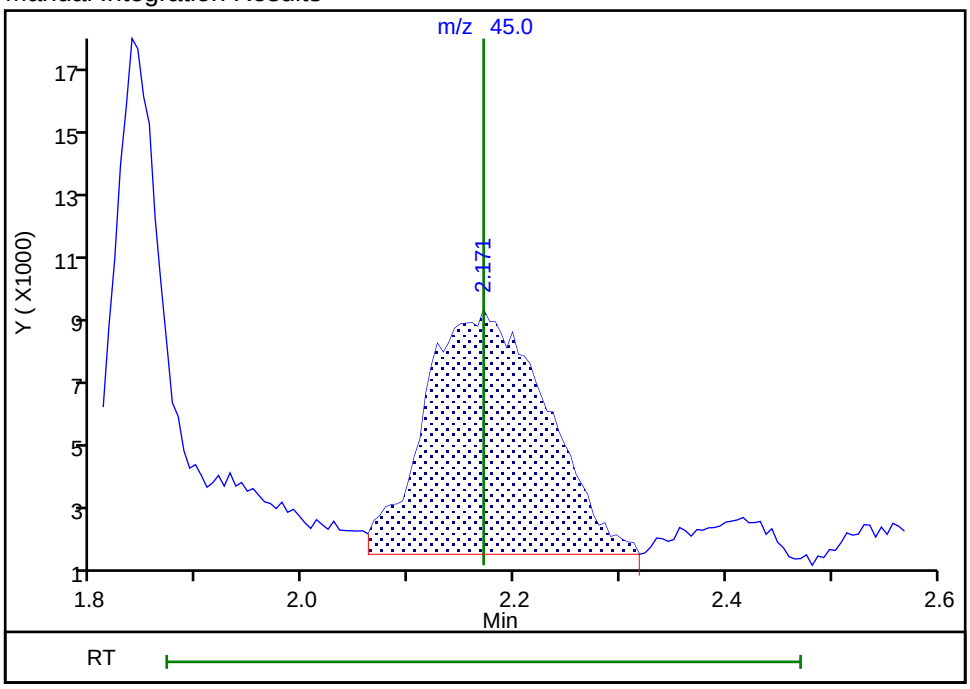
Processing Integration Results

RT: 2.17
Area: 35153
Amount: 75.788518
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 59951
Amount: 133.8814
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:19:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

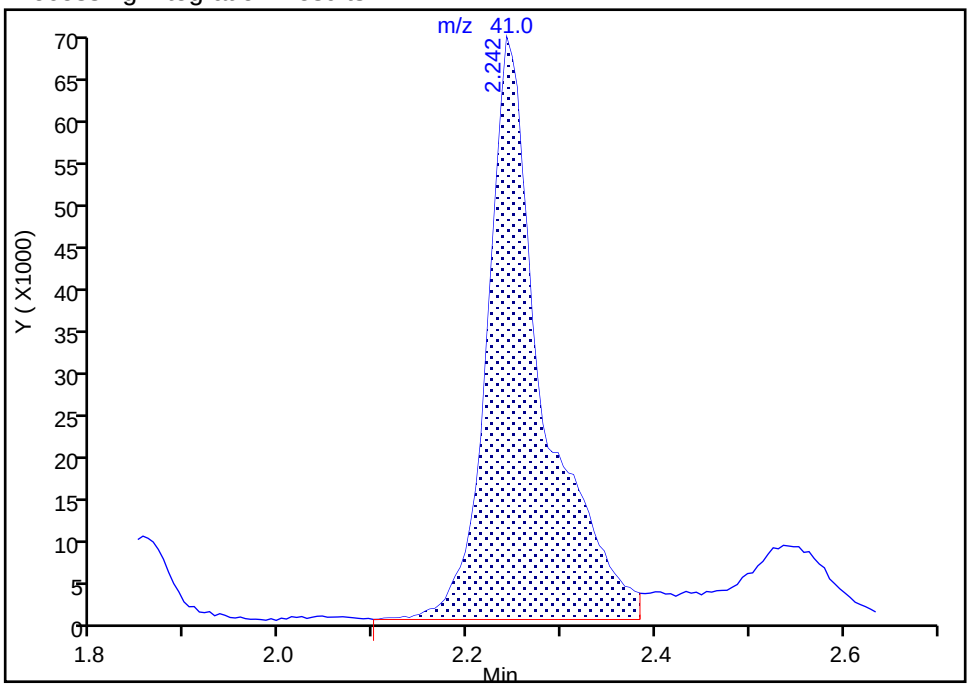
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

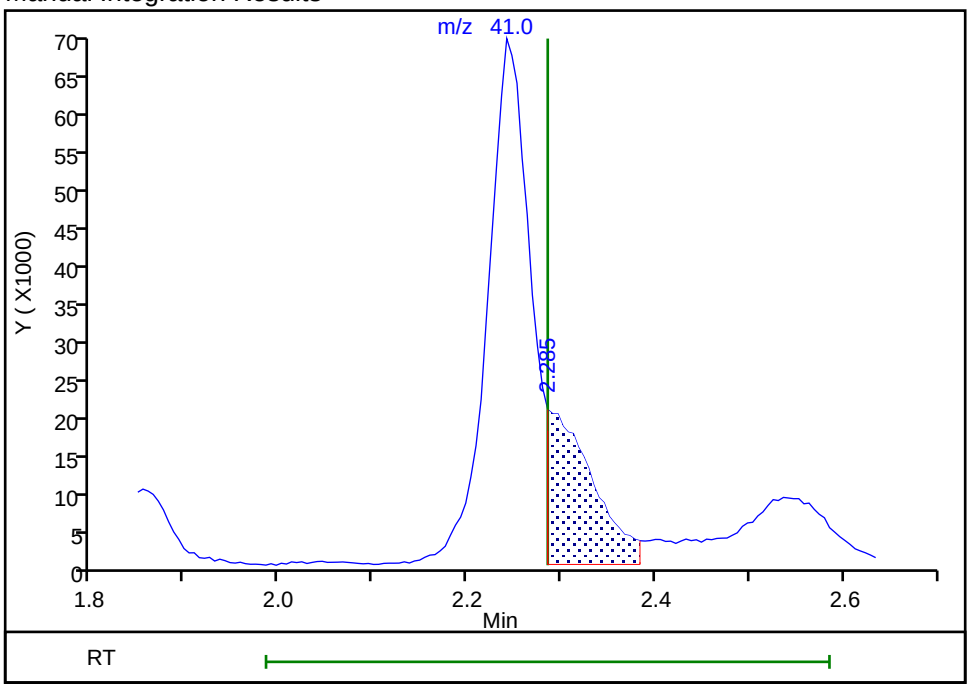
Processing Integration Results

RT: 2.24
Area: 283856
Amount: 251.6903
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 69521
Amount: 191.1250
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:20:07
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

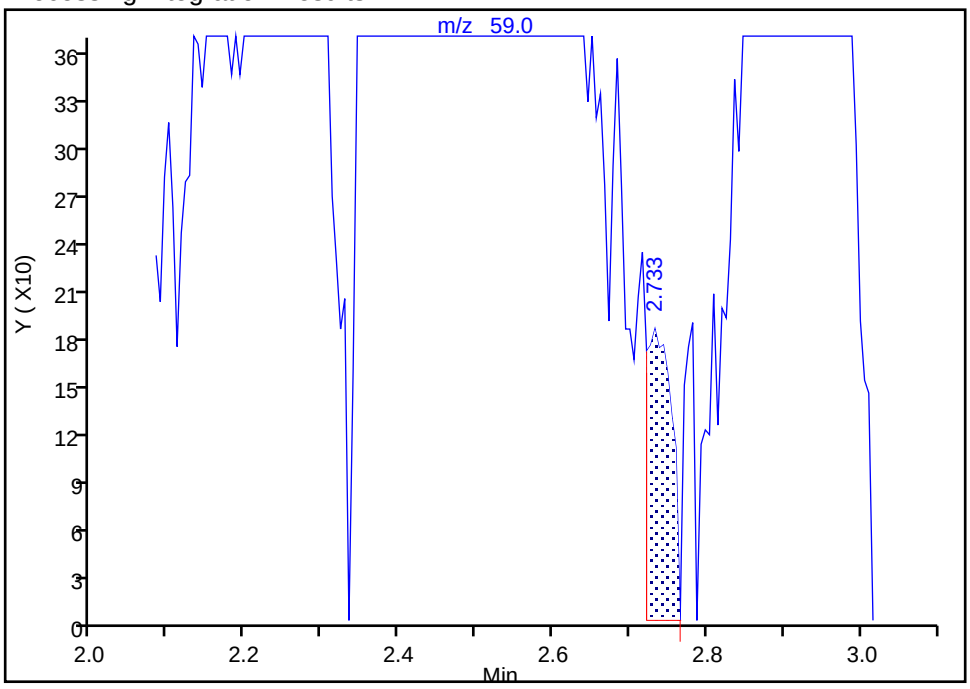
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

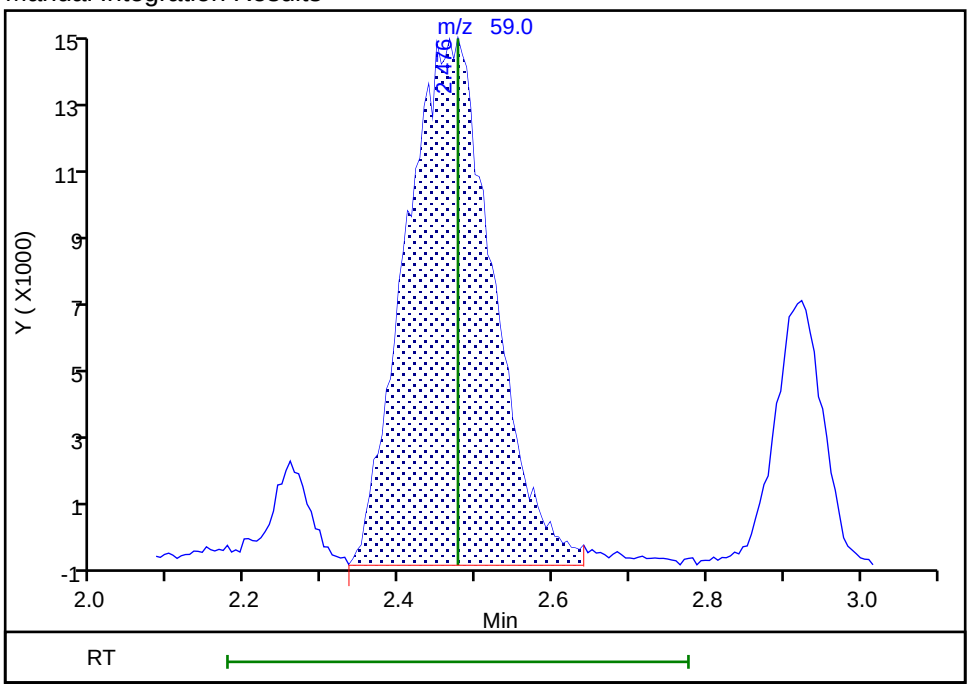
Processing Integration Results

RT: 2.73
Area: 411
Amount: 0.783687
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 111945
Amount: 182.8633
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:20:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

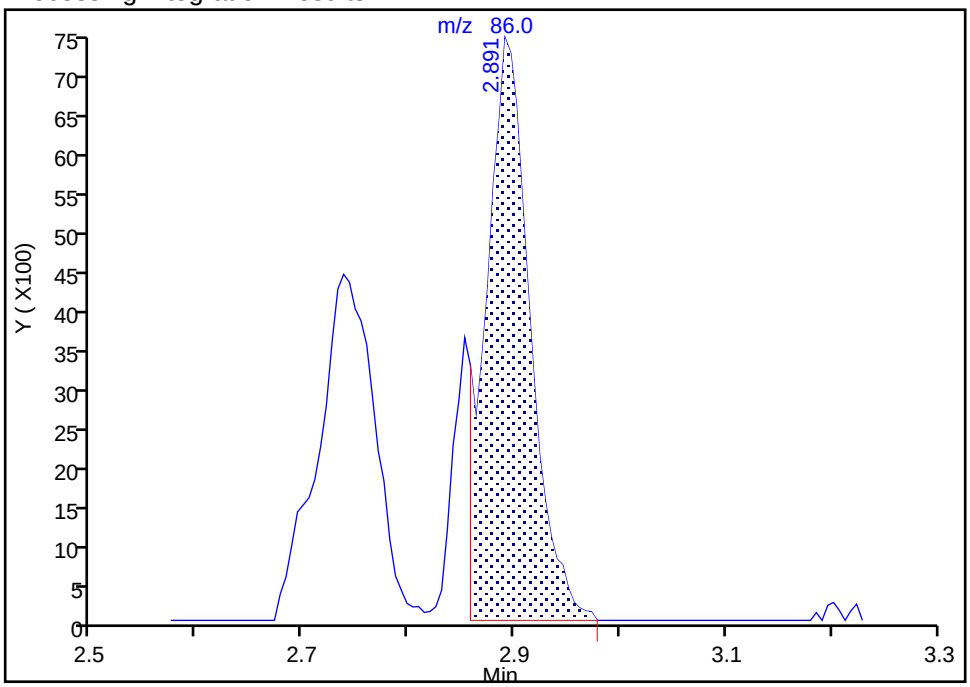
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

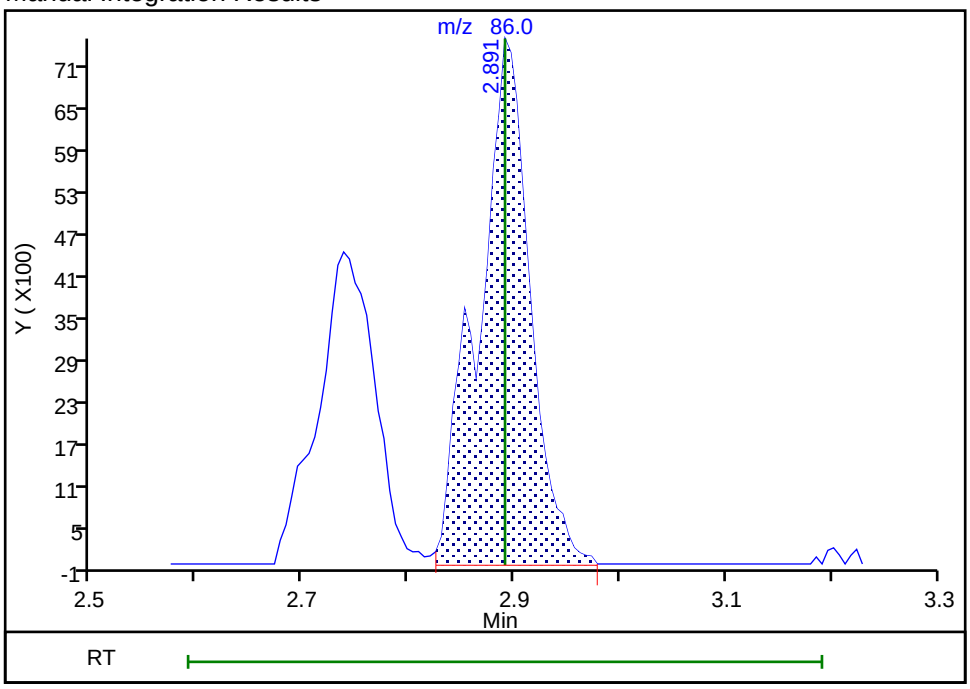
Processing Integration Results

RT: 2.89
Area: 21941
Amount: 23.458529
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 25529
Amount: 28.152860
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:14:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

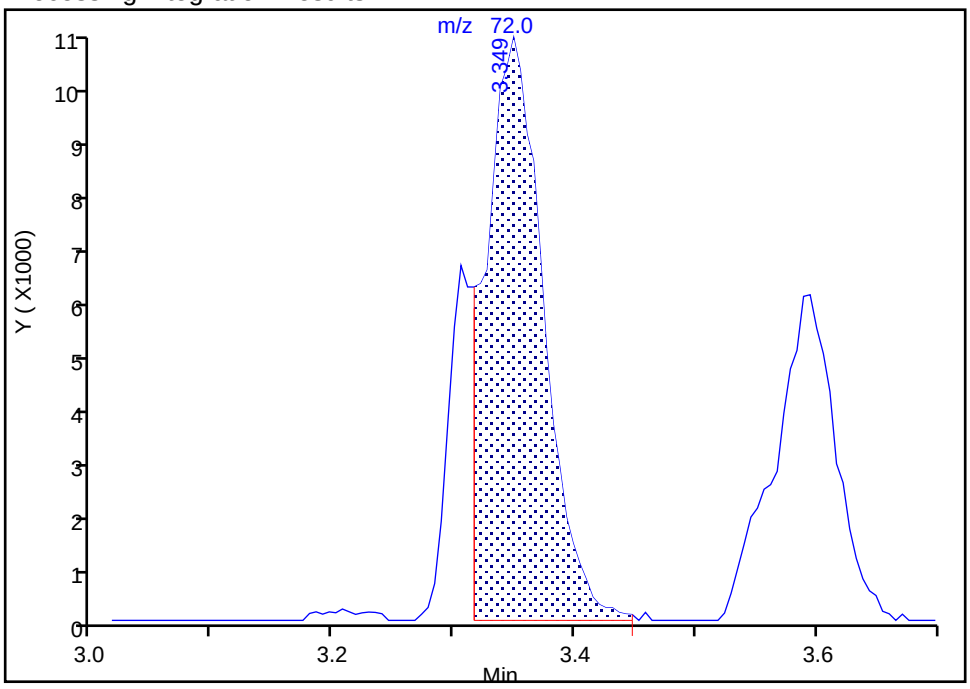
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

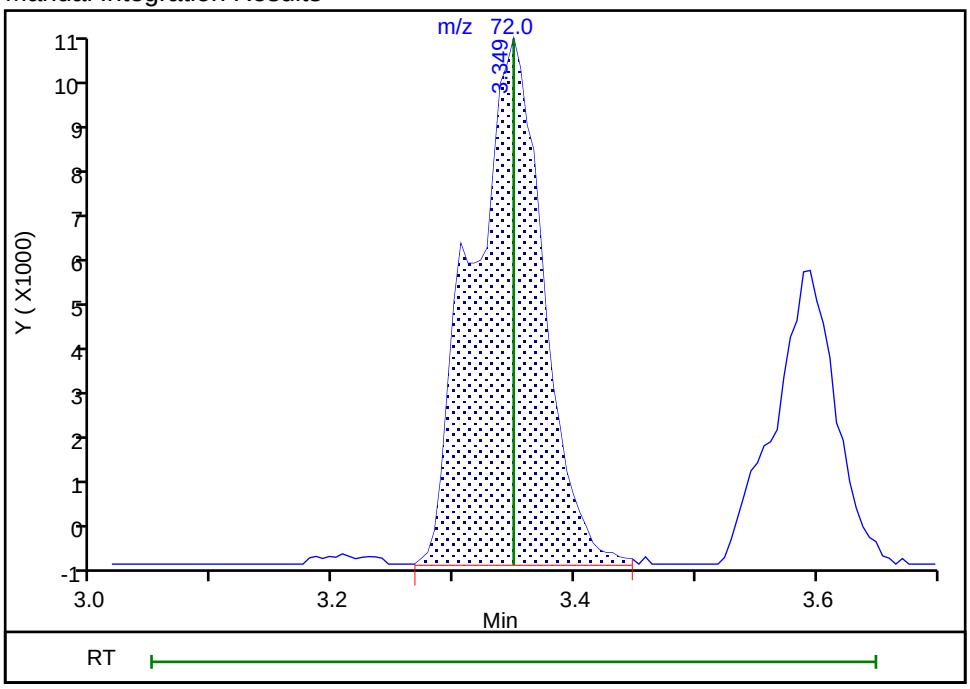
Processing Integration Results

RT: 3.35
Area: 33946
Amount: 82.101665
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 41764
Amount: 96.360601
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:21:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

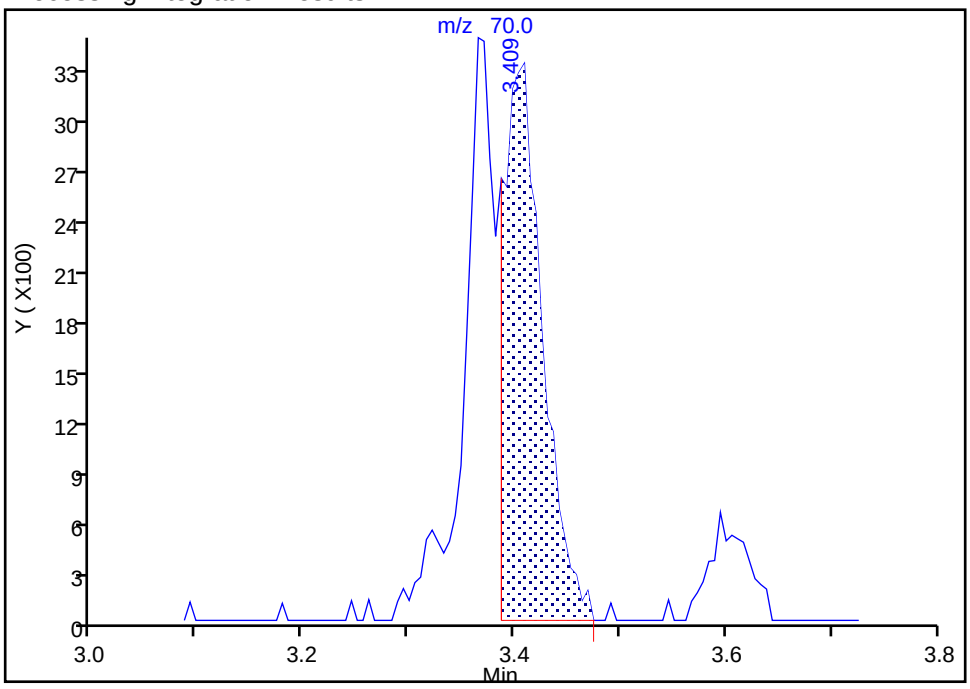
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

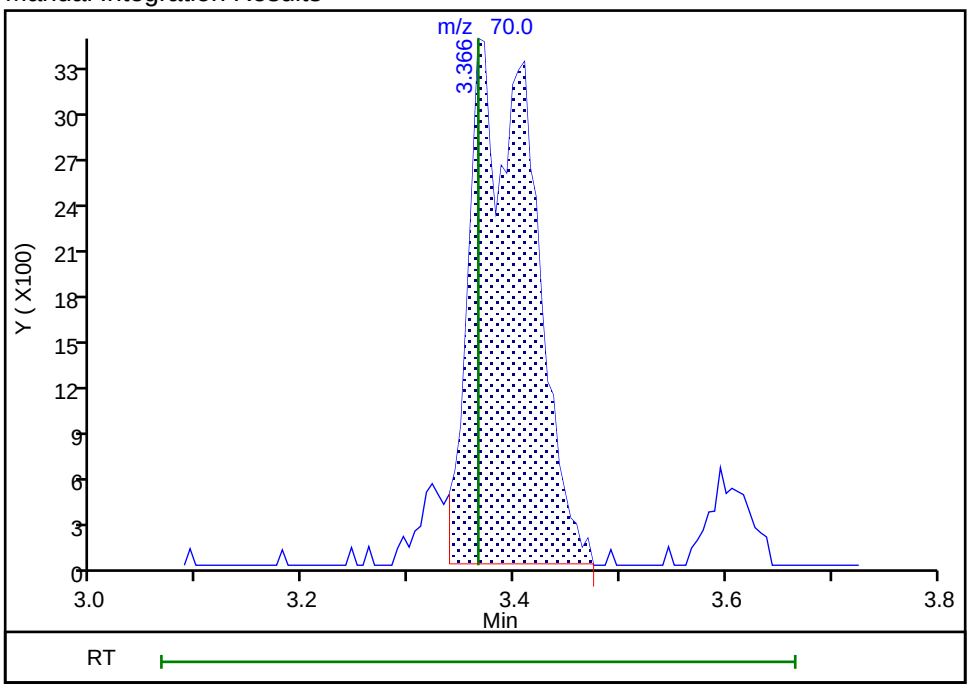
Processing Integration Results

RT: 3.41
Area: 8389
Amount: 23.210263
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 14180
Amount: 37.792569
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:21:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

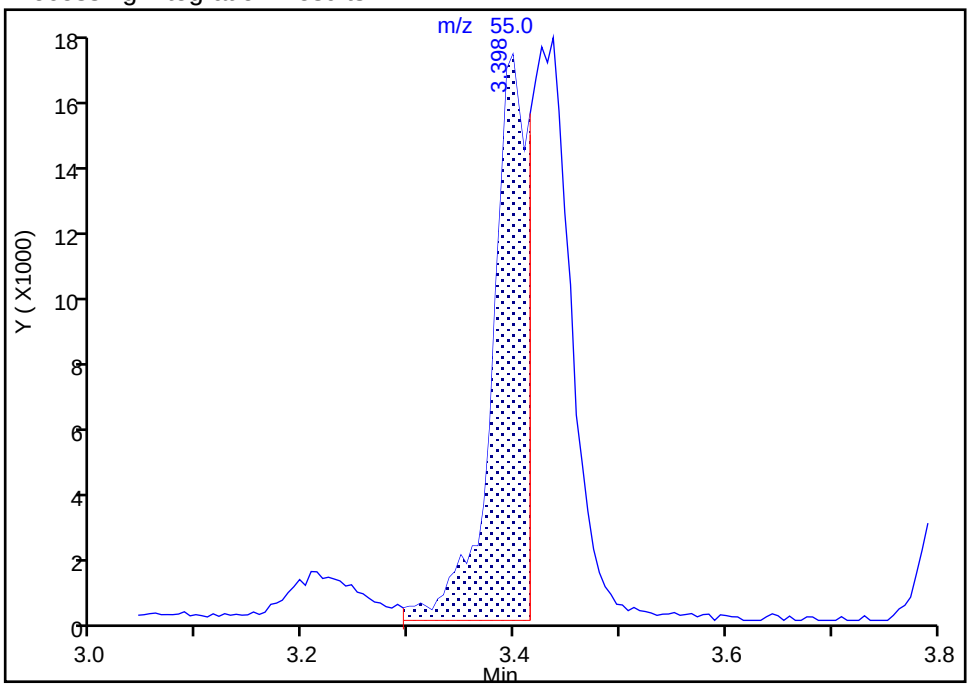
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

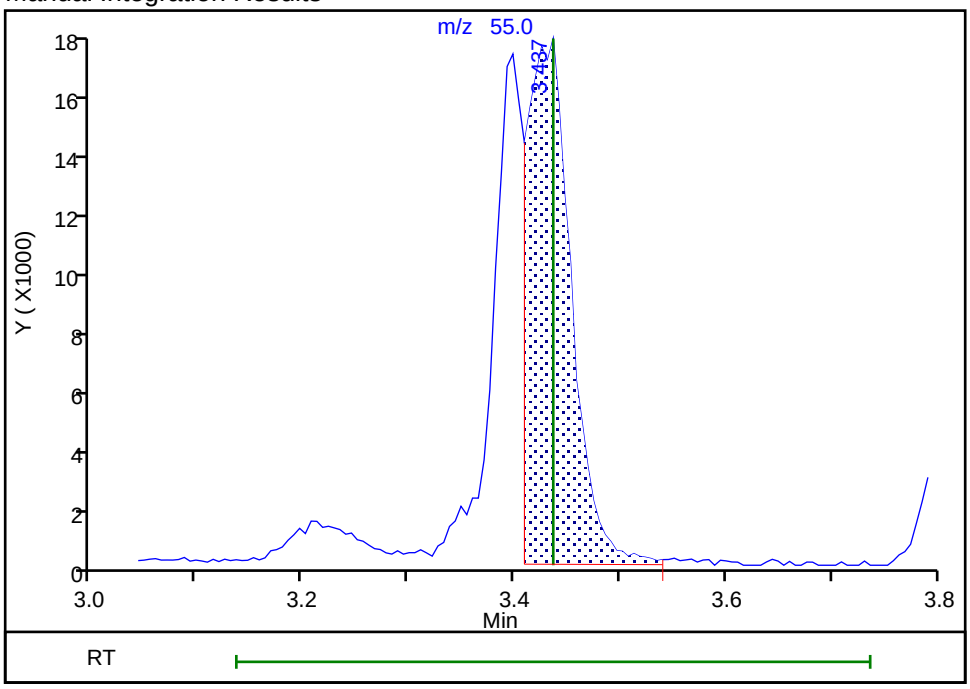
Processing Integration Results

RT: 3.40
Area: 40366
Amount: 11.106572
Amount Units: ug/l



Manual Integration Results

RT: 3.44
Area: 50380
Amount: 14.412939
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:21:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

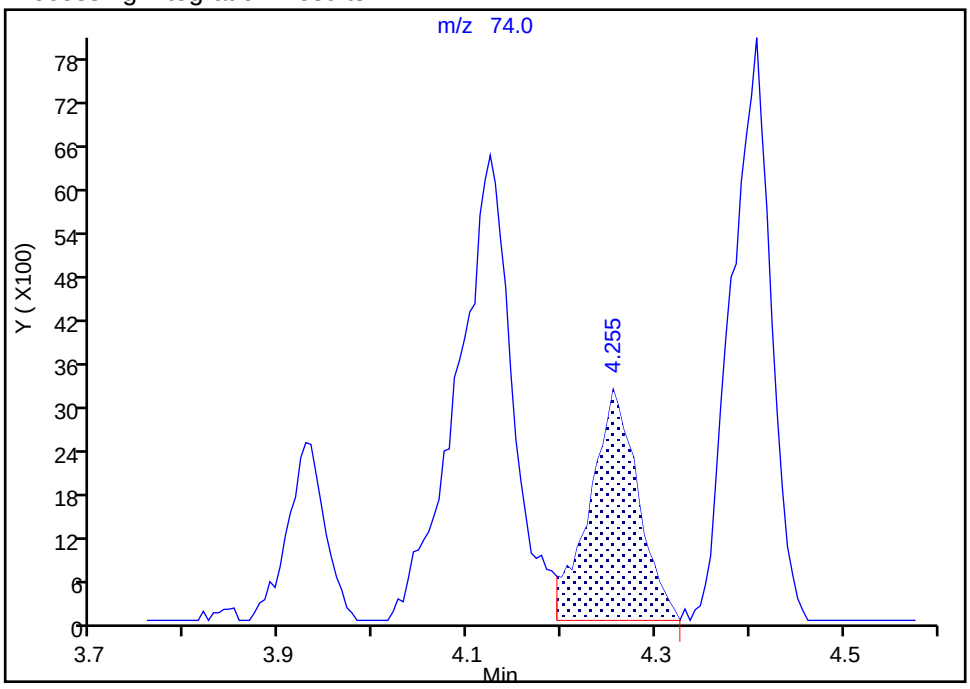
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

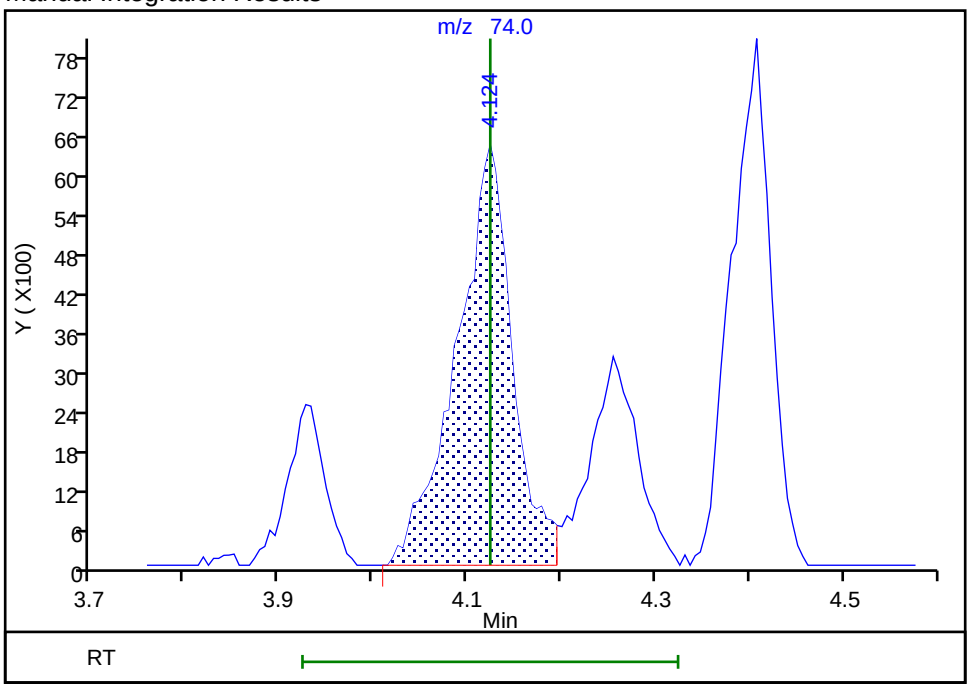
Processing Integration Results

RT: 4.26
Area: 11438
Amount: 153.5279
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 26511
Amount: 364.9605
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:22:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

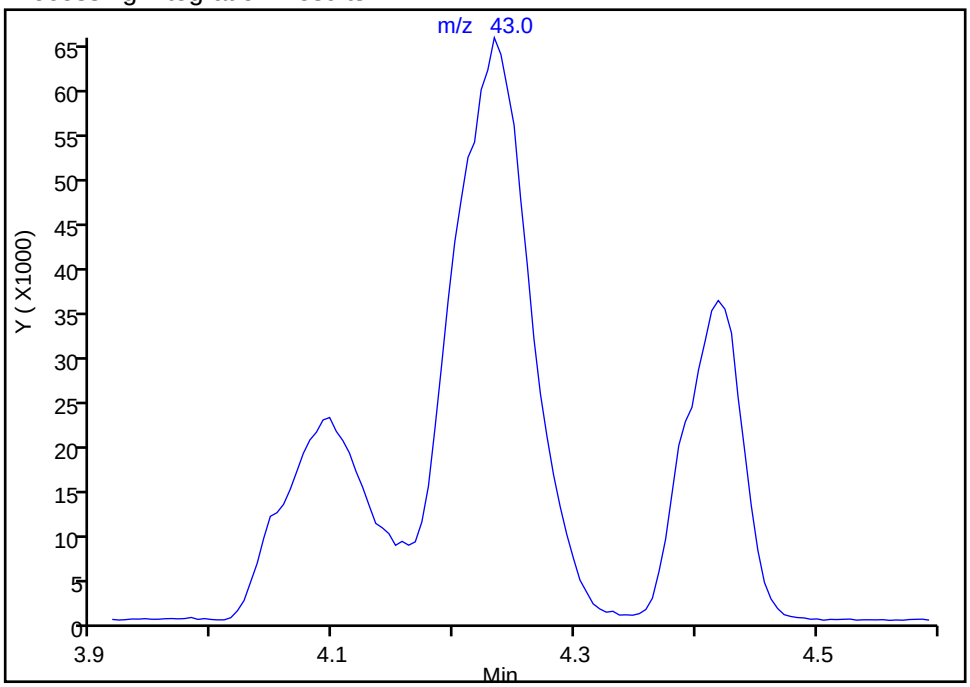
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

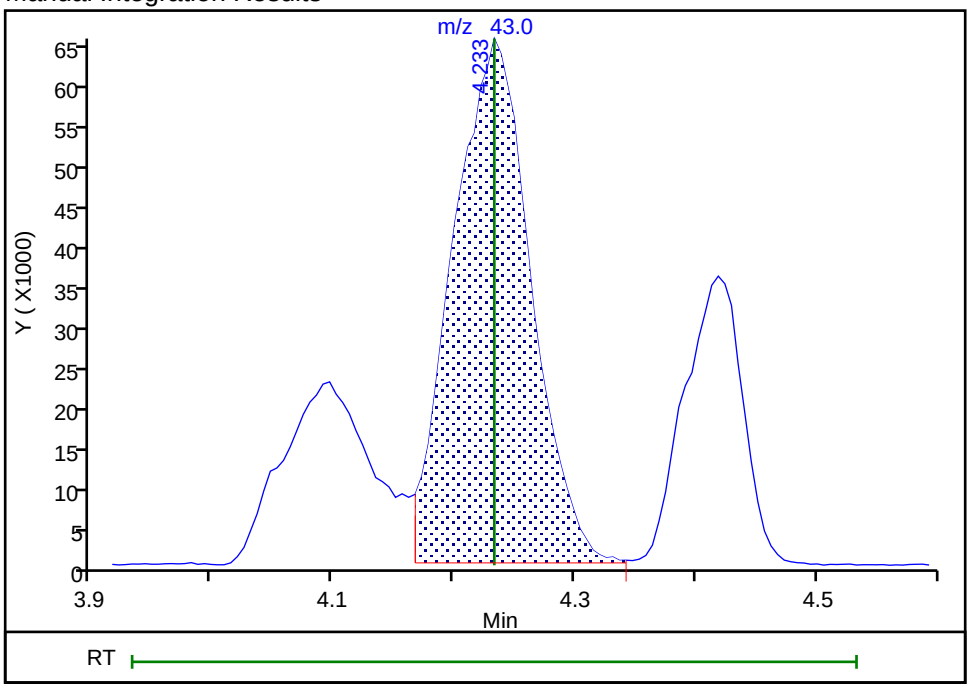
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 294380
Amount: 22.239166
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:22:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

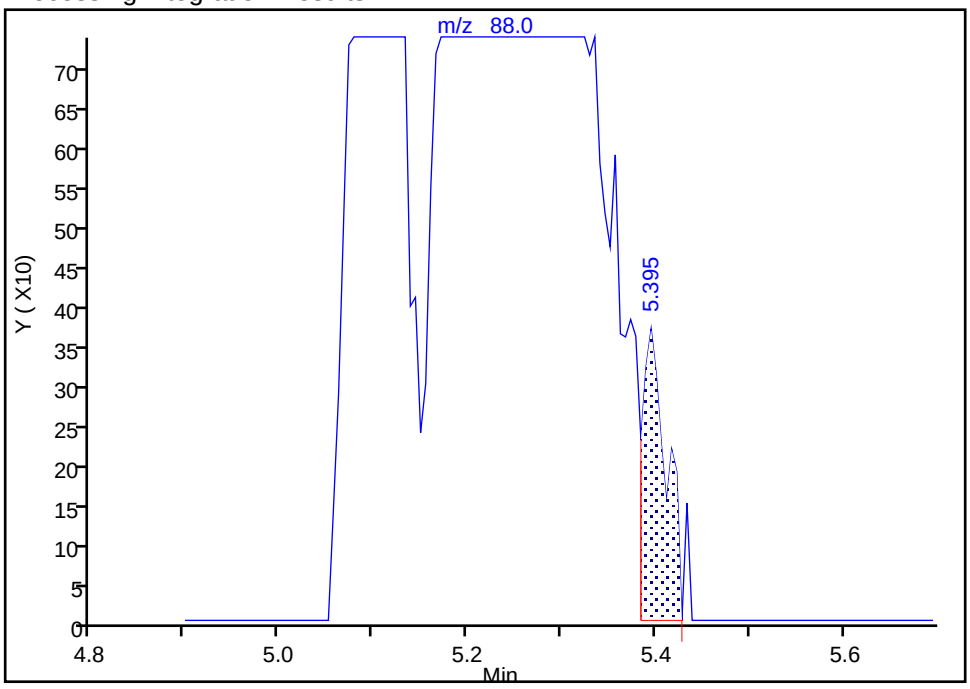
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

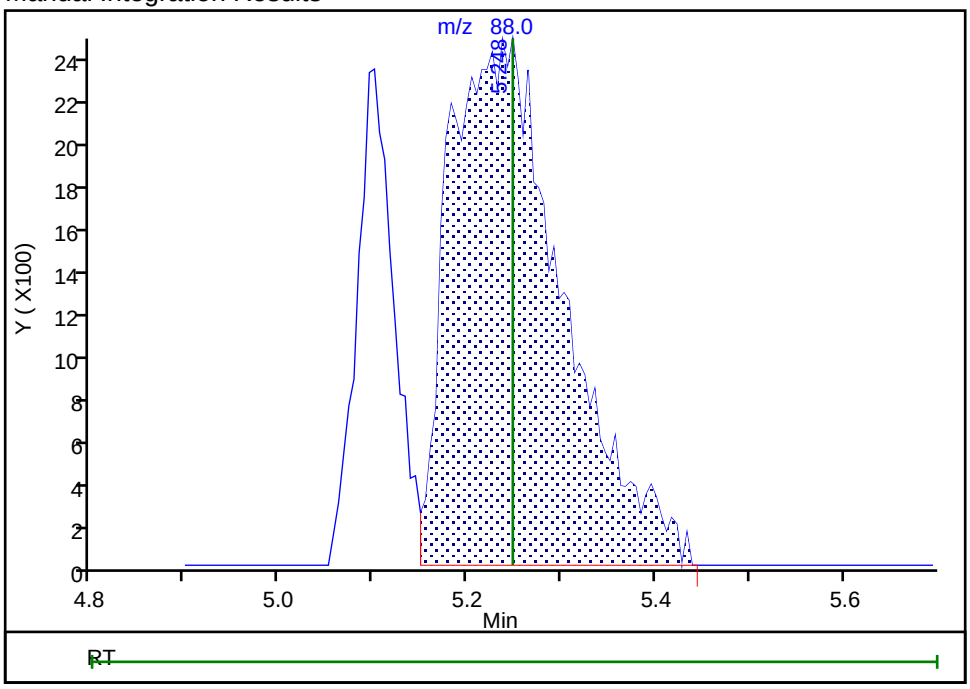
Processing Integration Results

RT: 5.40
Area: 655
Amount: 400.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.25
Area: 20231
Amount: 418.0376
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:23:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

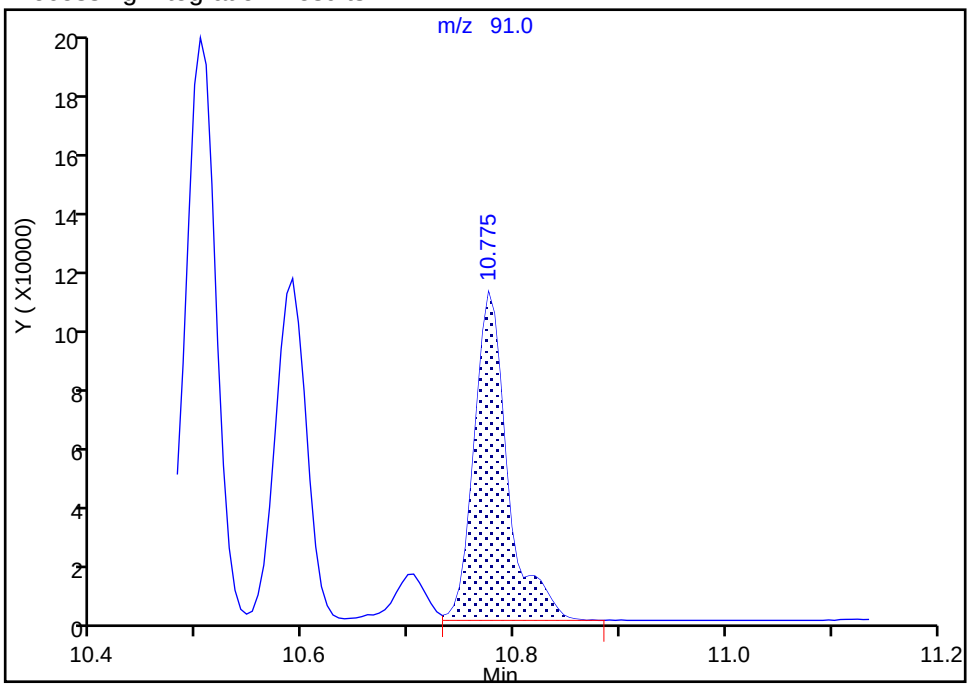
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

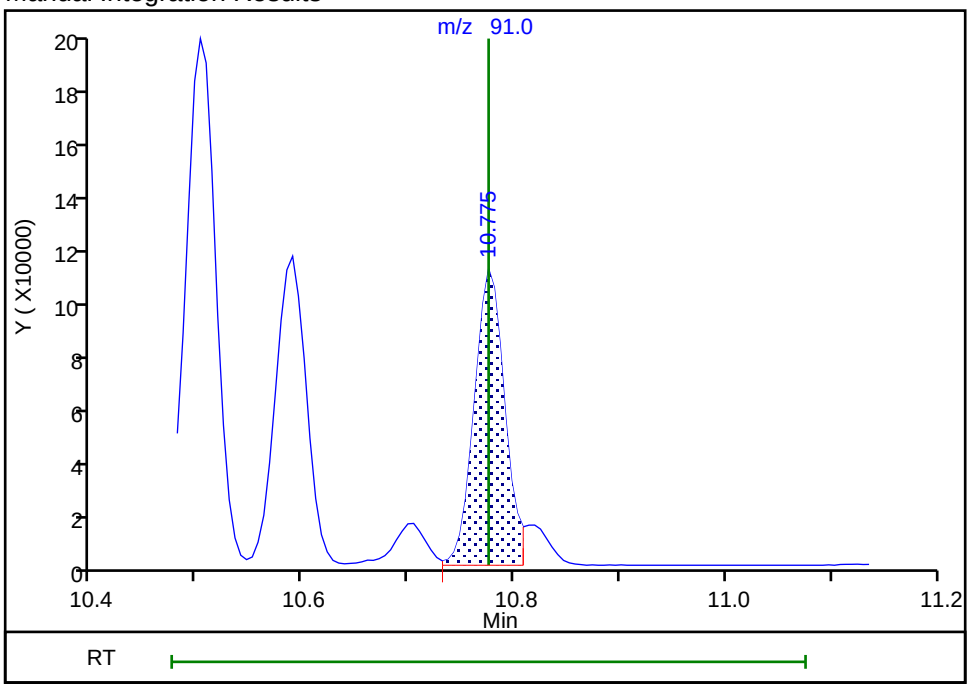
Processing Integration Results

RT: 10.78
Area: 236981
Amount: 21.692605
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 215426
Amount: 21.260339
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:25:12
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-Aug-2020 21:46:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0115799-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:35:52 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 10:58:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.036	1.036	0.000	65	20130	50.0	59.4	a
3 1,1-Difluoroethane	65	1.069	1.074	-0.005	91	113352	50.0	51.6	
2 Chlorotrifluoroethene	116	1.107	1.112	-0.005	55	74944	50.0	53.1	
5 Chlorodifluoromethane	67	1.129	1.129	0.000	97	37203	50.0	50.2	
4 Dichlorodifluoromethane	85	1.134	1.134	0.000	91	294989	50.0	54.9	
6 Chloromethane	50	1.243	1.249	-0.006	99	390470	50.0	51.7	
7 Butadiene	54	1.281	1.281	0.000	97	242093	50.0	51.5	
8 Vinyl chloride	62	1.309	1.309	0.000	98	269742	50.0	51.8	
9 Bromomethane	94	1.489	1.489	0.000	99	175299	50.0	49.0	
10 Chloroethane	64	1.521	1.521	0.000	100	126484	50.0	47.2	
11 Dichlorofluoromethane	67	1.663	1.669	-0.006	99	317845	50.0	47.8	
13 Pentane	72	1.712	1.712	0.000	96	55290	100.0	92.8	
12 Trichlorofluoromethane	101	1.723	1.718	0.005	95	252443	50.0	50.2	
15 Ethyl ether	59	1.838	1.838	0.000	97	130382	50.0	48.0	
16 2-Methyl-1,3-butadiene	53	1.860	1.865	-0.005	95	168753	50.0	52.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	0.000	82	138842	50.0	50.3	
14 Ethanol	46	1.936	1.903	0.033	67	48116	2000.0	1666.2	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.898	1.914	-0.016	82	255237	50.0	52.5	a
19 Acrolein	56	1.925	1.931	-0.006	97	180998	400.0	331.1	
21 1,1-Dichloroethene	96	2.002	2.007	-0.005	97	168946	50.0	53.6	
22 Acetone	43	2.040	2.034	0.006	86	295637	250.0	223.0	
20 112TCTFE	101	2.040	2.040	0.000	86	177270	50.0	55.4	
23 Iodomethane	142	2.116	2.116	0.000	98	350283	50.0	51.7	
24 Isopropyl alcohol	45	2.154	2.171	-0.017	96	148172	500.0	313.3	M
25 Carbon disulfide	76	2.171	2.171	0.000	100	738555	50.0	52.5	M
26 3-Chloro-1-propene	39	2.242	2.242	0.000	86	260497	50.0	51.9	a
27 Methyl acetate	43	2.258	2.258	0.000	100	300903	100.0	92.6	
29 Acetonitrile	41	2.285	2.285	0.000	37	161380	500.0	421.6	M
28 Cyclopentene	67	2.302	2.307	-0.005	96	475090	50.0	52.1	
31 Methylene Chloride	84	2.334	2.340	-0.006	95	213908	50.0	45.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.405	0.000	95	436004	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.460	2.476	-0.016	91	270555	500.0	420.0	a
35 Acrylonitrile	53	2.504	2.509	-0.005	94	726834	500.0	506.7	
34 trans-1,2-Dichloroethene	96	2.525	2.531	-0.006	97	186002	50.0	52.1	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	96	479302	50.0	50.1	
36 Hexane	43	2.733	2.738	-0.005	93	180978	50.0	55.2	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	99	374288	50.0	53.6	
39 Vinyl acetate	86	2.886	2.891	-0.005	100	64855	100.0	68.1	
37 Isopropyl ether	45	2.918	2.918	0.000	86	665746	50.0	52.1	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	91	178551	50.0	54.6	
41 Tert-butyl ethyl ether	59	3.213	3.213	0.000	88	607118	50.0	53.2	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	95	311589	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	96	218535	50.0	51.3	
43 2,2-Dichloropropane	79	3.338	3.338	0.000	94	87699	50.0	50.1	
46 2-Butanone (MEK)	72	3.344	3.349	-0.005	99	107411	250.0	231.8	
45 Ethyl acetate	70	3.398	3.366	0.032	100	36607	100.0	91.3	
48 Propionitrile	54	3.393	3.398	-0.005	81	303231	500.0	435.4	a
47 Methyl acrylate	55	3.426	3.437	-0.011	99	142166	50.0	39.0	Ma
51 Methacrylonitrile	67	3.524	3.524	0.000	93	737583	500.0	515.9	
50 Chlorobromomethane	128	3.529	3.535	-0.006	91	102482	50.0	50.3	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	89	50569	100.0	98.4	
52 Chloroform	83	3.606	3.611	-0.005	99	336570	50.0	50.7	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.753	-0.005	97	177179	50.0	49.1	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	99	280476	50.0	52.7	
53 Cyclohexane	84	3.840	3.840	0.000	93	292776	50.0	54.7	
57 1,1-Dichloropropene	75	3.928	3.928	0.000	96	254274	50.0	51.8	
56 Carbon tetrachloride	117	3.939	3.944	-0.005	98	243324	50.0	53.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	182272	50.0	49.0	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	65351	1250.0	856.1	a
60 Benzene	78	4.124	4.130	-0.006	95	755955	50.0	52.7	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	97	233989	50.0	49.6	
59 Isooctane	57	4.222	4.217	0.005	95	806307	50.0	57.9	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	718631	50.0	52.2	a
63 Tert-amyl methyl ether	87	4.250	4.255	-0.005	94	155696	50.0	50.9	
* 66 Fluorobenzene	96	4.402	4.408	-0.006	98	530753	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	95	169880	50.0	25.4	
68 n-Butanol	56	4.768	4.757	0.011	91	156801	1250.0	923.5	
69 Trichloroethene	95	4.790	4.790	0.000	99	179107	50.0	52.8	
70 Ethyl acrylate	56	4.915	4.921	-0.006	98	24787	50.0	47.3	
71 Methylcyclohexane	83	5.003	5.008	-0.005	96	349818	50.0	55.4	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	92	186150	50.0	51.0	
77 Dibromomethane	93	5.155	5.161	-0.006	98	107772	50.0	50.6	
* 73 1,4-Dioxane-d8	96	5.139	5.166	-0.027	32	36921	1000.0	1000.0	
74 Methyl methacrylate	69	5.188	5.183	0.005	92	195329	100.0	101.6	
75 1,4-Dioxane	88	5.215	5.248	-0.033	82	51467	1000.0	998.7	a
76 n-Propyl acetate	43	5.264	5.264	0.000	99	215921	50.0	48.7	
78 Dichlorobromomethane	83	5.346	5.352	-0.006	100	226155	50.0	50.8	
79 2-Nitropropane	41	5.614	5.614	0.000	99	73805	100.0	96.8	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	31112	50.1	53.6	
80 Epichlorohydrin	57	5.783	5.777	0.006	99	315342	1000.0	965.8	
81 cis-1,3-Dichloropropene	75	5.887	5.881	0.005	94	242509	50.0	51.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.116	-0.006	97	901486	250.0	249.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	100	567678	50.0	50.3	
84 Toluene	91	6.301	6.301	0.000	94	654741	50.0	51.7	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	97	194524	50.0	50.8	
86 Ethyl methacrylate	69	6.787	6.781	0.006	91	183743	50.0	52.2	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	96	108663	50.0	52.1	
88 Tetrachloroethene	166	7.021	7.021	0.000	99	157139	50.0	53.6	
89 1,3-Dichloropropane	76	7.065	7.060	0.005	95	203726	50.0	51.3	
90 2-Hexanone	43	7.229	7.234	-0.005	97	496489	250.0	238.7	
92 Chlorodibromomethane	129	7.365	7.365	0.000	98	146267	50.0	51.5	
91 n-Butyl acetate	43	7.452	7.458	-0.006	99	225340	50.0	49.5	
93 Ethylene Dibromide	107	7.496	7.496	0.000	98	122999	50.0	51.6	
* 94 Chlorobenzene-d5	117	8.195	8.195	0.000	86	357637	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	94	386950	50.0	50.5	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	96	182984	50.0	52.8	
96 Ethylbenzene	106	8.435	8.435	0.000	98	220547	50.0	52.1	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	271011	50.0	51.1	
100 o-Xylene	106	9.220	9.220	0.000	94	301484	50.0	53.3	
101 Styrene	104	9.248	9.248	0.000	95	423120	50.0	51.5	
99 n-Butyl acrylate	73	9.280	9.286	-0.006	97	112272	50.0	50.9	
103 Bromoform	173	9.488	9.488	0.000	97	99213	50.0	51.4	
102 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	90	271813	50.0	50.6	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	799381	50.0	54.9	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	164646	50.0	48.7	
106 Bromobenzene	156	10.235	10.235	0.000	98	170873	50.0	50.9	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	201299	50.0	52.4	
109 1,2,3-Trichloropropane	110	10.366	10.372	-0.006	99	47247	50.0	50.4	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	91	41984	50.0	49.8	
108 N-Propylbenzene	91	10.503	10.503	0.000	99	882870	50.0	53.5	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	529428	50.0	52.4	
112 4-Ethyltoluene	105	10.704	10.699	0.005	99	701942	50.0	54.3	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	490518	50.0	50.6	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	669500	50.0	53.8	
115 Butyl Methacrylate	87	11.086	11.081	0.005	92	211894	50.0	53.6	
116 tert-Butylbenzene	119	11.321	11.321	0.000	94	543484	50.0	44.9	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	666654	50.0	52.3	
118 sec-Butylbenzene	105	11.638	11.637	0.001	99	867337	50.0	55.5	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	317824	50.0	50.8	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.818	0.000	95	195242	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	716308	50.0	54.3	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	92	310514	50.0	50.1	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	98	721060	50.0	54.5	
124 Benzyl chloride	91	12.036	12.036	0.000	99	278700	50.0	51.0	
125 2,3-Dihydroindene	117	12.156	12.161	-0.005	95	647272	50.0	53.3	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	96	344107	50.0	50.6	
126 p-Diethylbenzene	119	12.314	12.314	0.000	91	357140	50.0	53.9	a
127 n-Butylbenzene	92	12.341	12.341	0.000	98	360229	50.0	52.6	
130 1,2-Dibromo-3-Chloropropane	157	13.116	13.122	-0.006	95	46853	50.0	52.3	
129 1,2,4,5-Tetramethylbenzene	119	13.122	13.127	-0.005	97	727904	50.0	54.2	
131 1,3,5-Trichlorobenzene	180	13.324	13.329	-0.005	98	296372	50.0	51.3	
132 1,2,4-Trichlorobenzene	180	13.886	13.896	-0.010	94	288968	50.0	48.7	
133 Hexachlorobutadiene	225	14.060	14.071	-0.011	97	155251	50.0	52.2	
134 Naphthalene	128	14.093	14.104	-0.011	99	754169	50.0	52.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.306	14.317	-0.011	96	313173	50.0	49.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	103.4	
S 137 Xylenes, Total	100				0		100.0	104.3	
S 139 Total BTEX	1				0		250.0	260.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	5.00	Units: uL	
524freon_00026	Amount Added:	5.00	Units: uL	
GASES Li_00383	Amount Added:	5.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Aug-2020 15:35:55 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D

Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9 Operator ID:

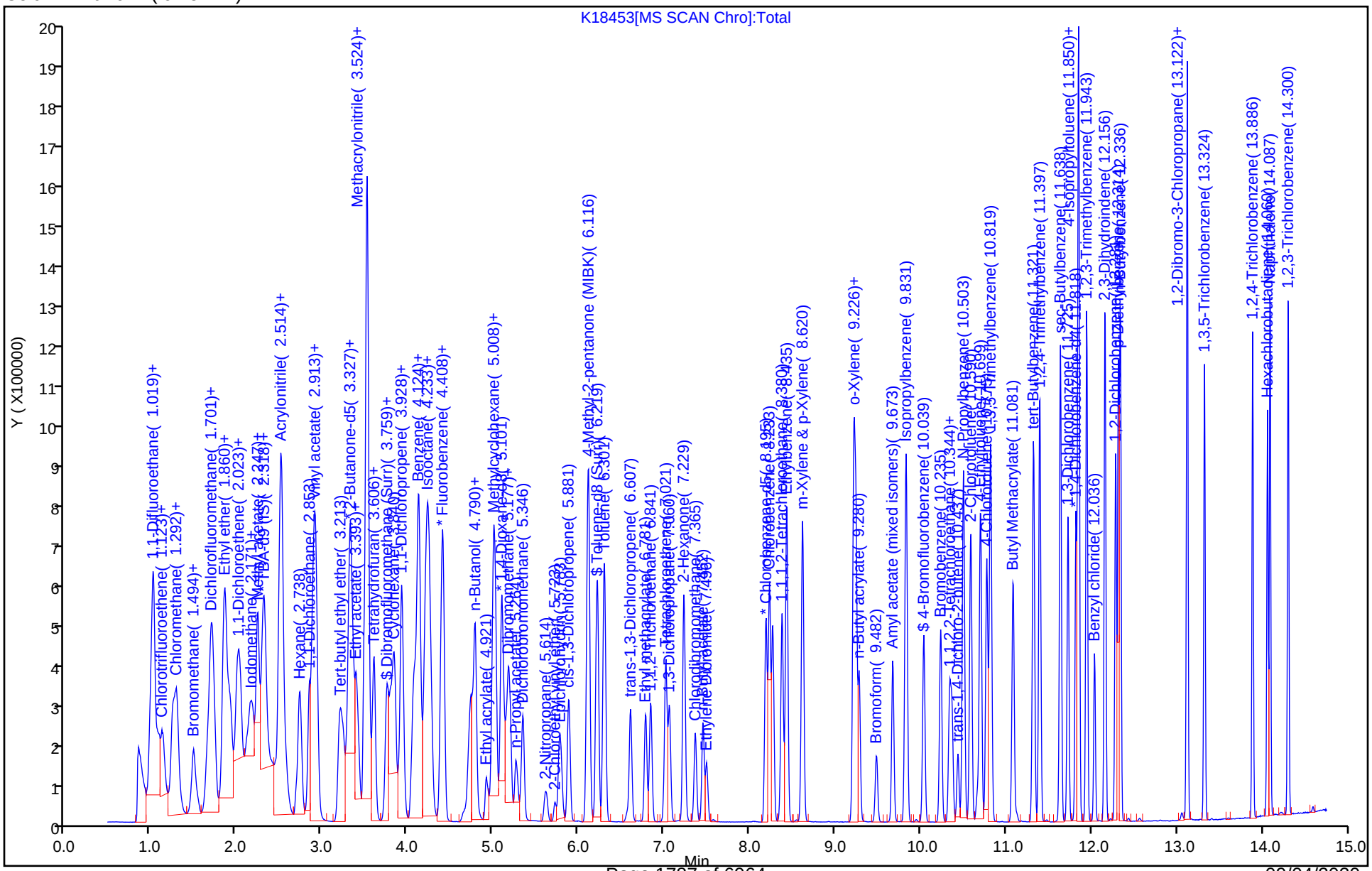
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

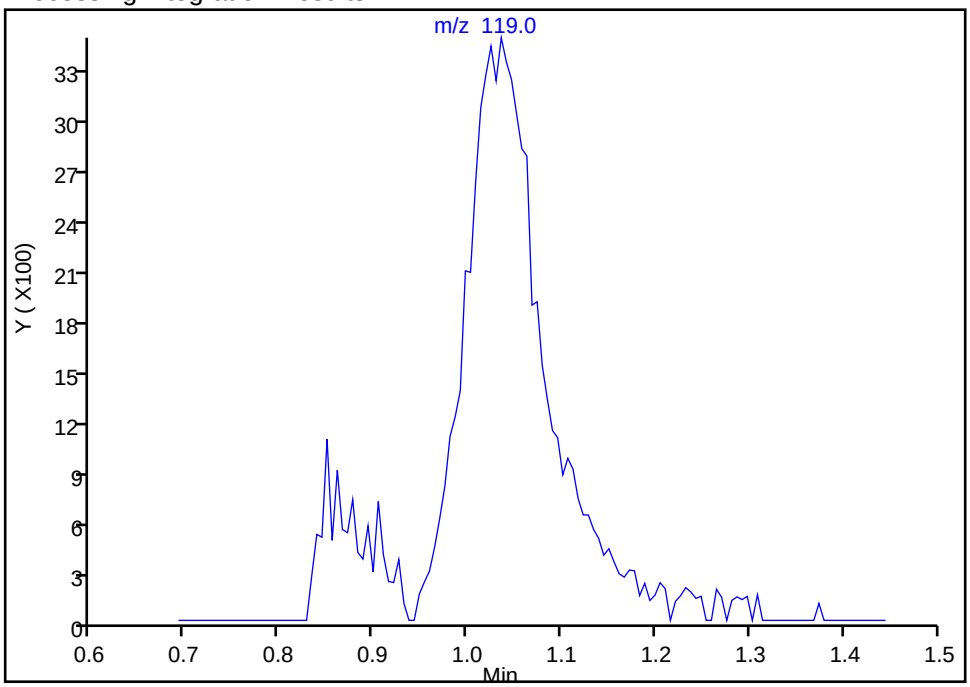
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

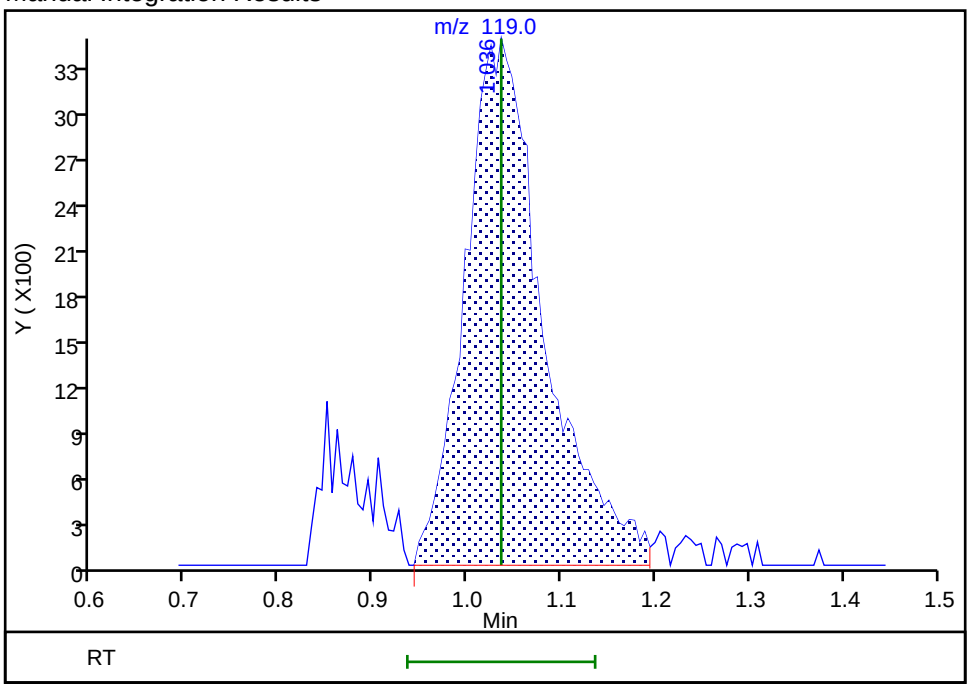
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.04
Area: 20130
Amount: 59.387746
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:45:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

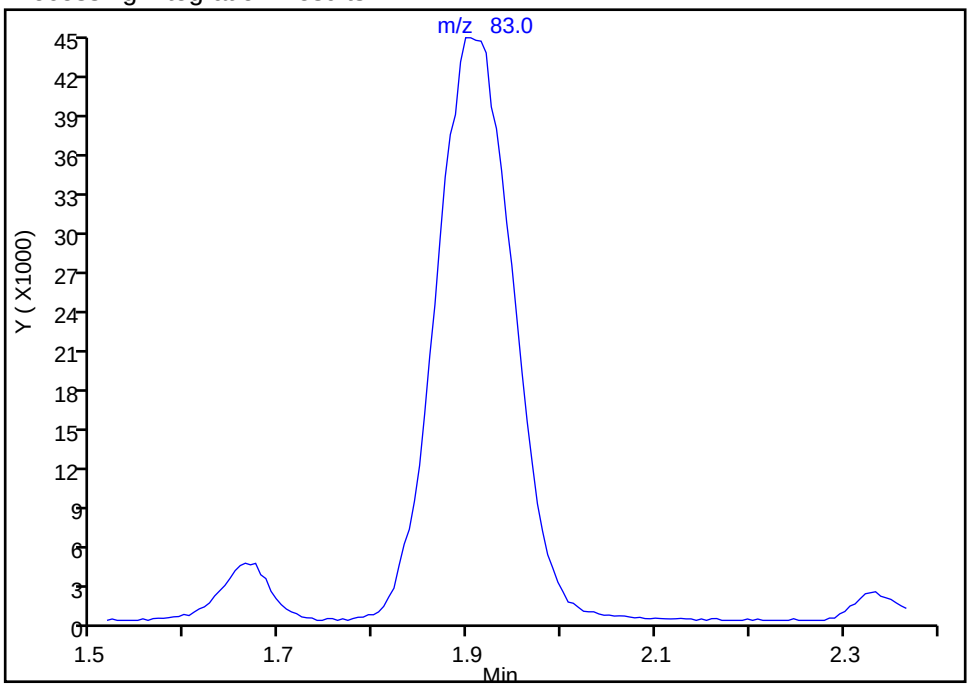
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

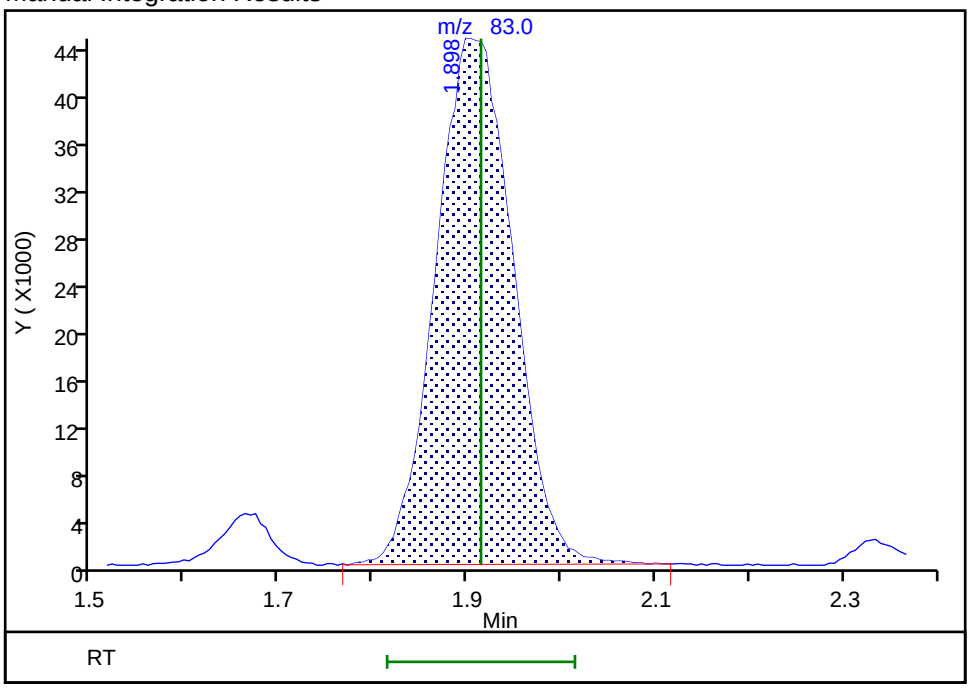
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 255237
Amount: 52.517402
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:45:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

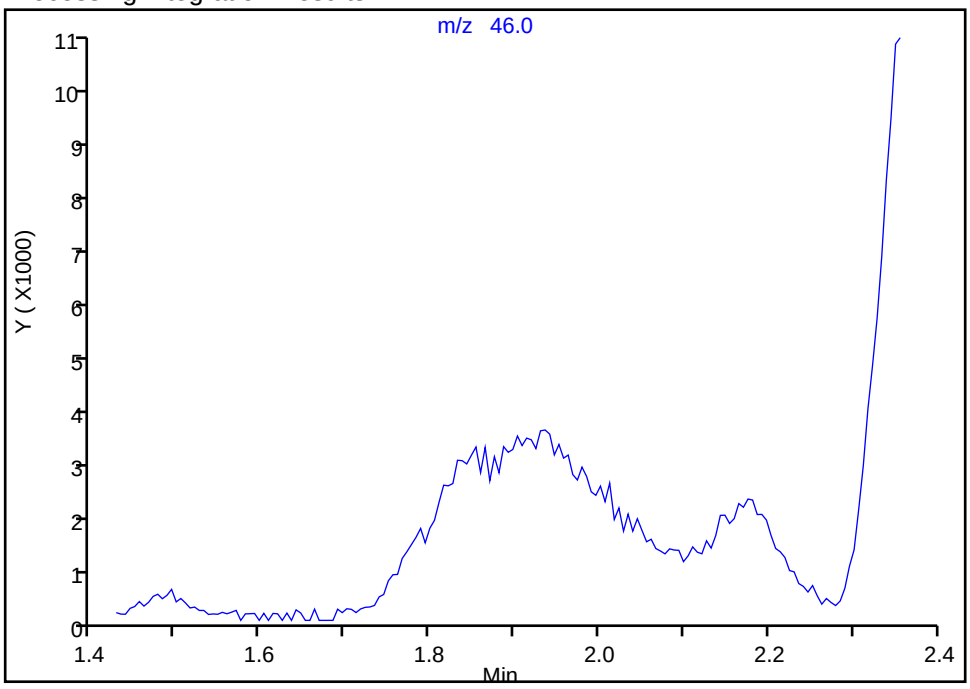
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

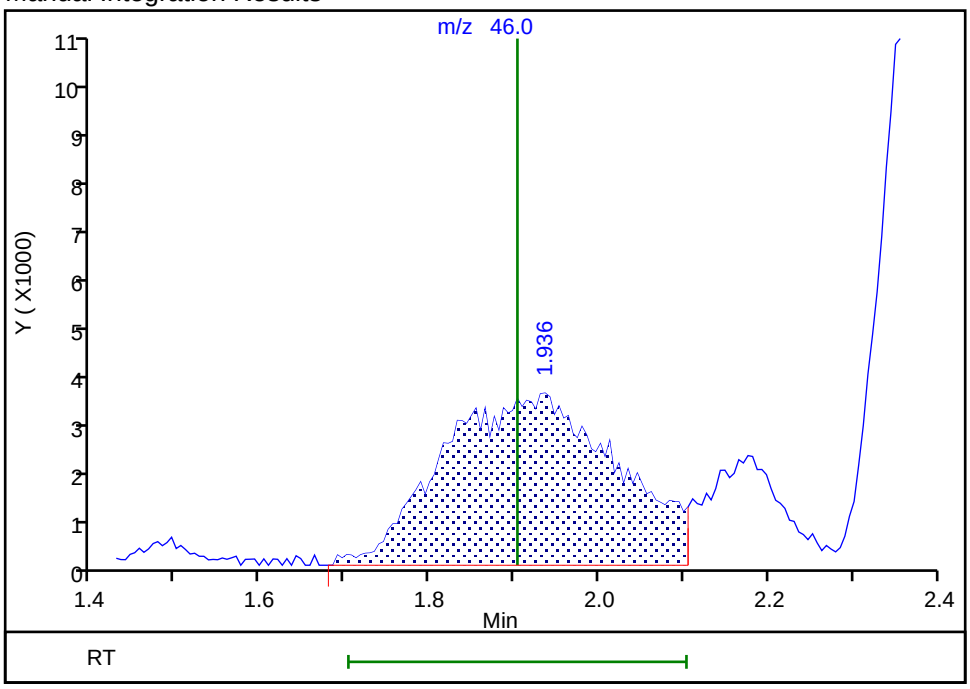
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 48116
Amount: 1666.1959
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:45:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

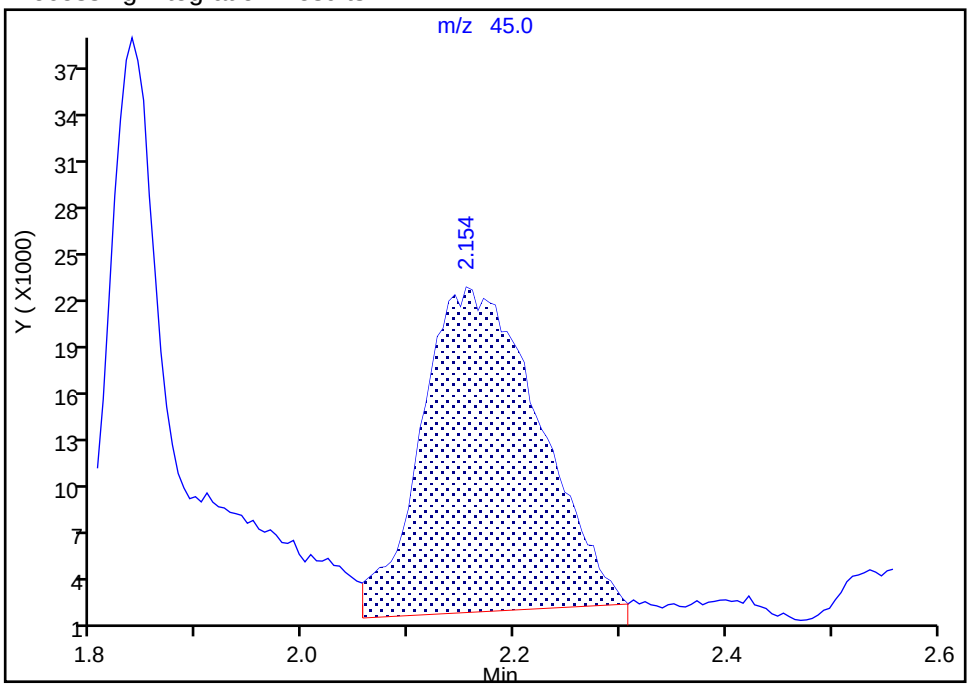
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

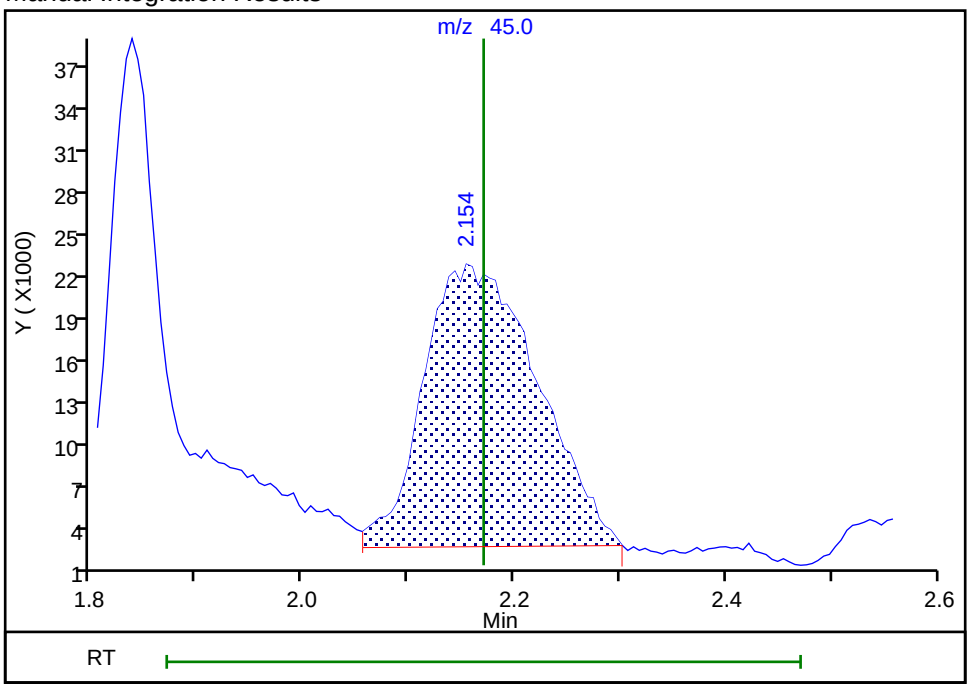
Processing Integration Results

RT: 2.15
Area: 159087
Amount: 323.0640
Amount Units: ug/l



Manual Integration Results

RT: 2.15
Area: 148172
Amount: 313.2868
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:11:42
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

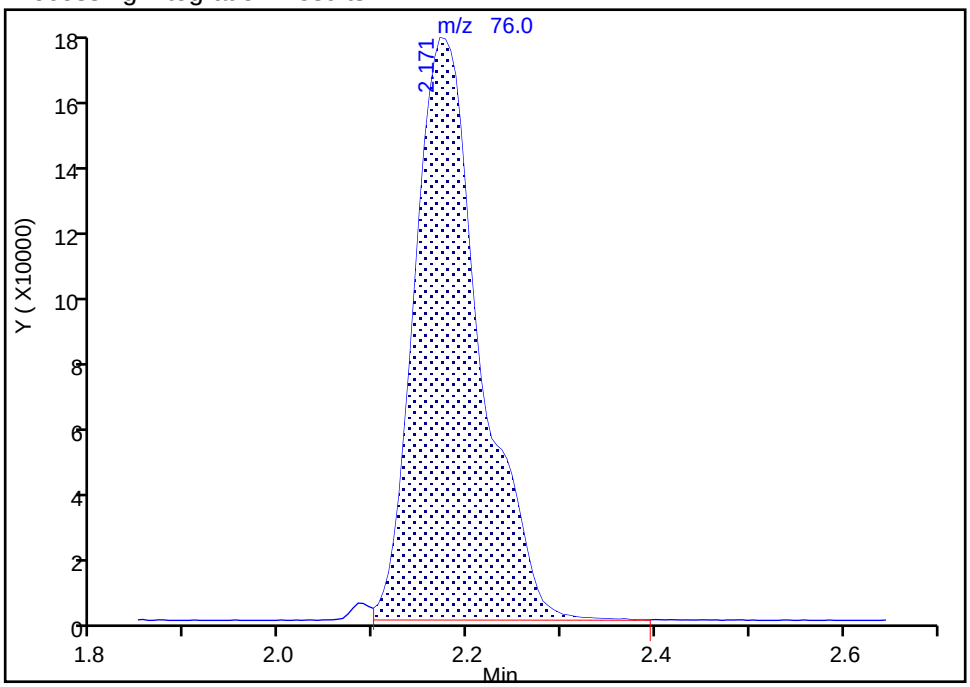
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

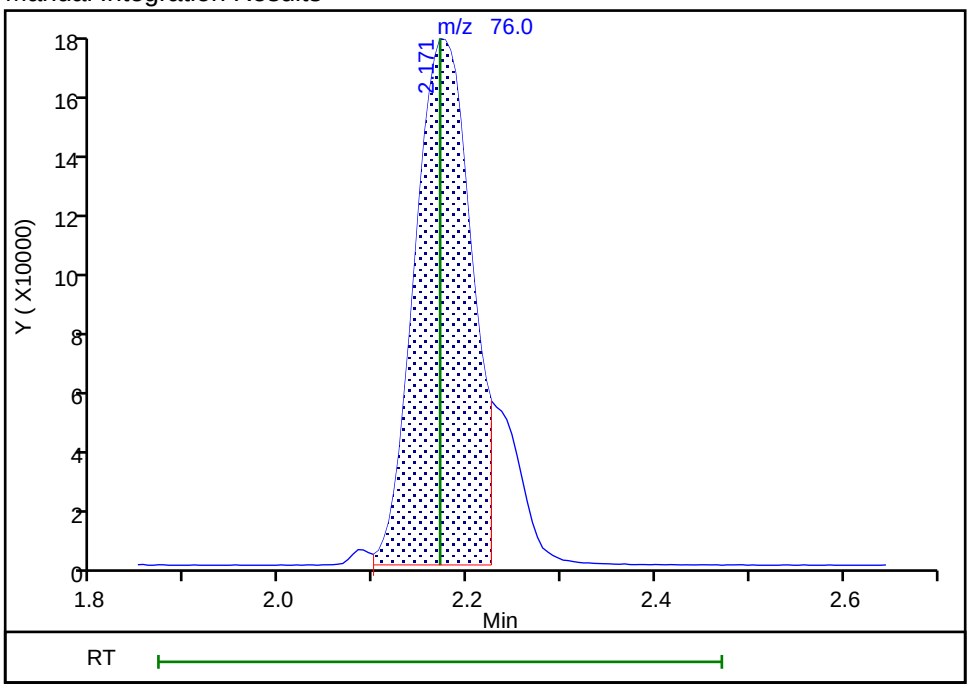
Processing Integration Results

RT: 2.17
Area: 846585
Amount: 53.665437
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 738555
Amount: 52.511622
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:46:25
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

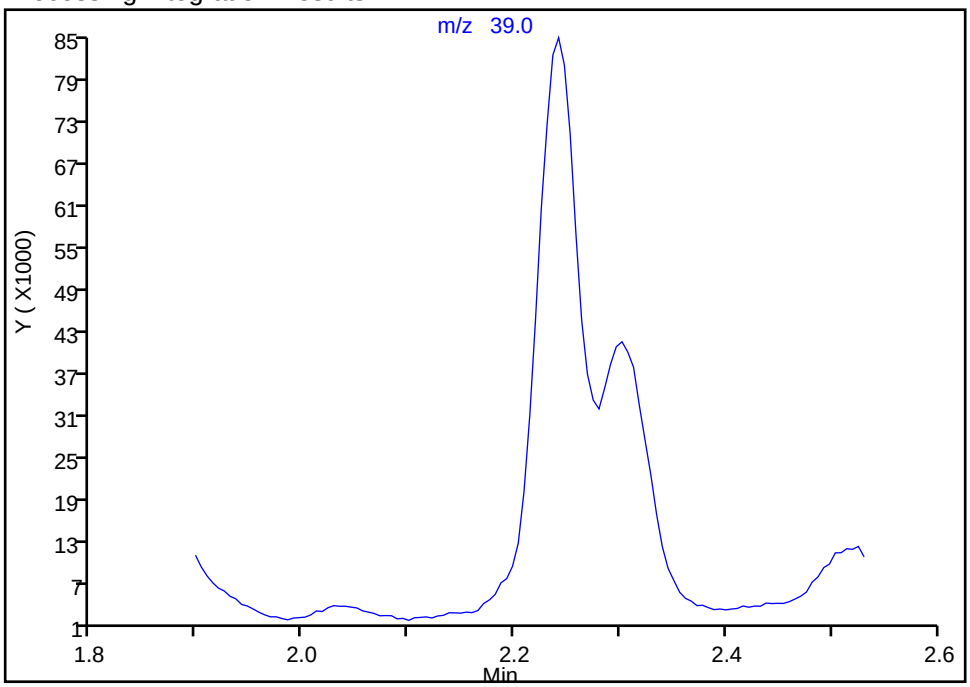
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

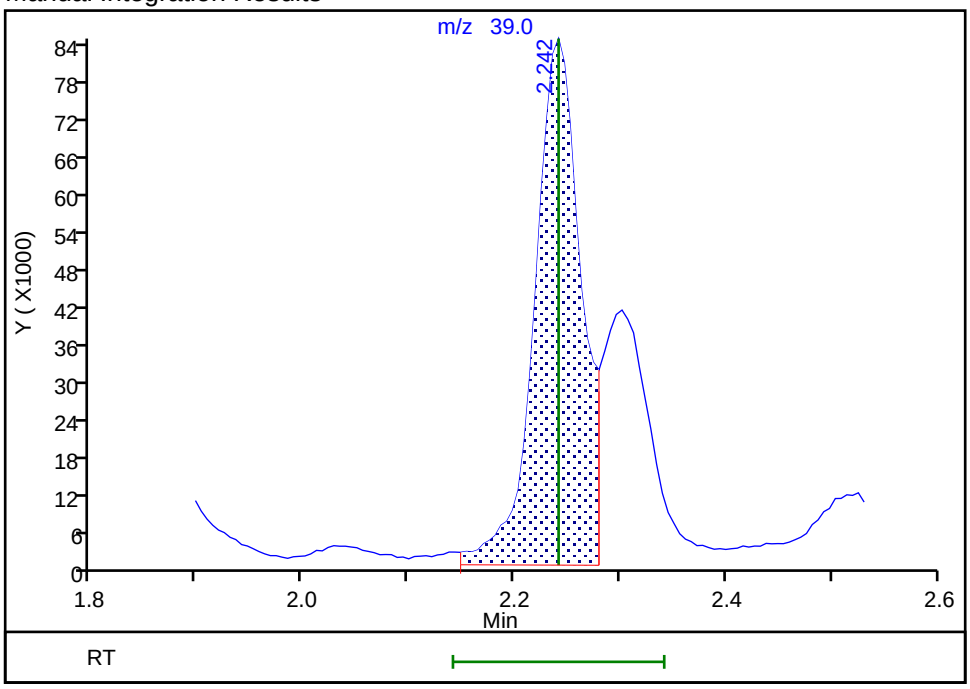
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 260497
Amount: 51.884757
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:48:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

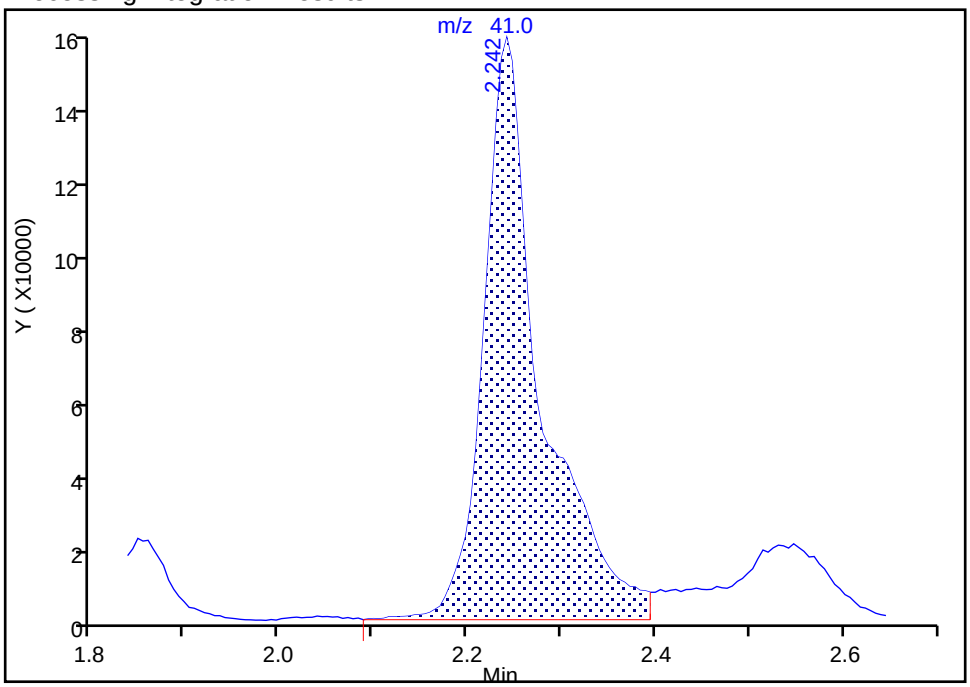
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

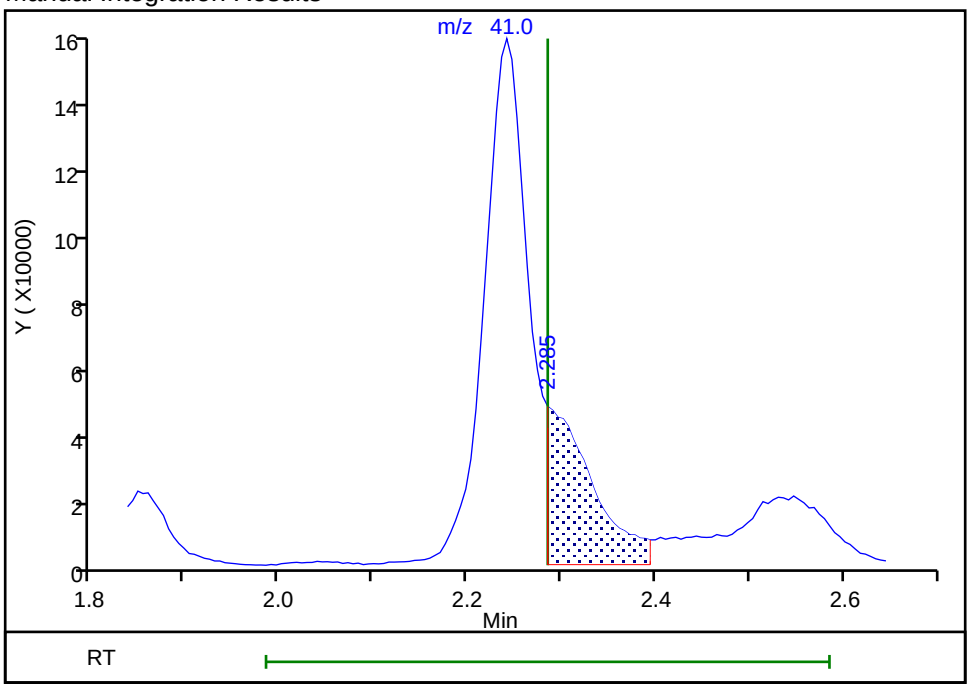
Processing Integration Results

RT: 2.24
Area: 661073
Amount: 364.9335
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 161380
Amount: 421.5839
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:48:42
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

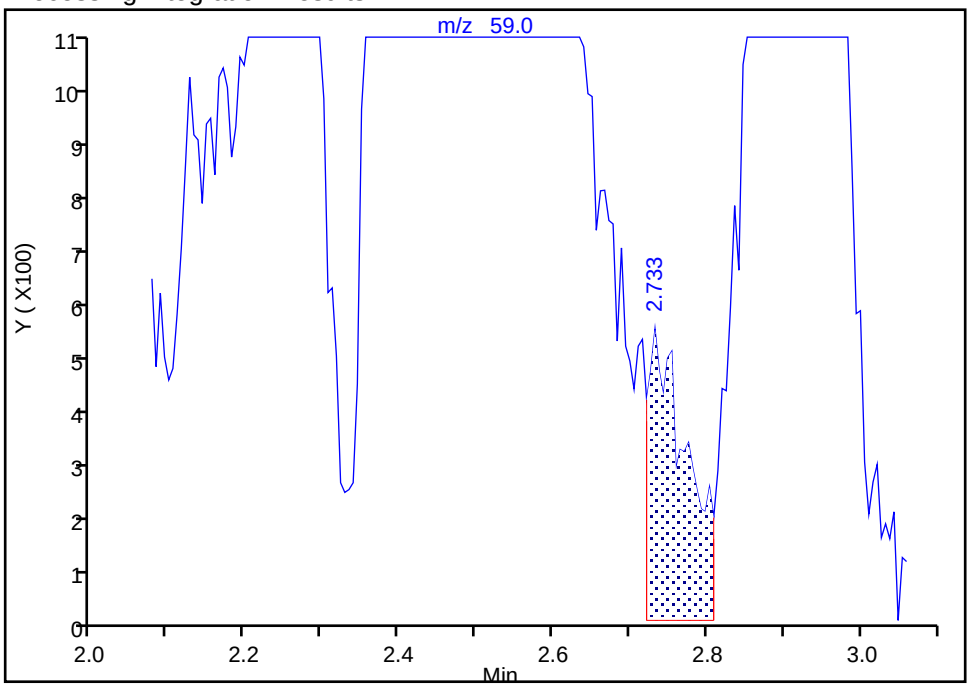
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

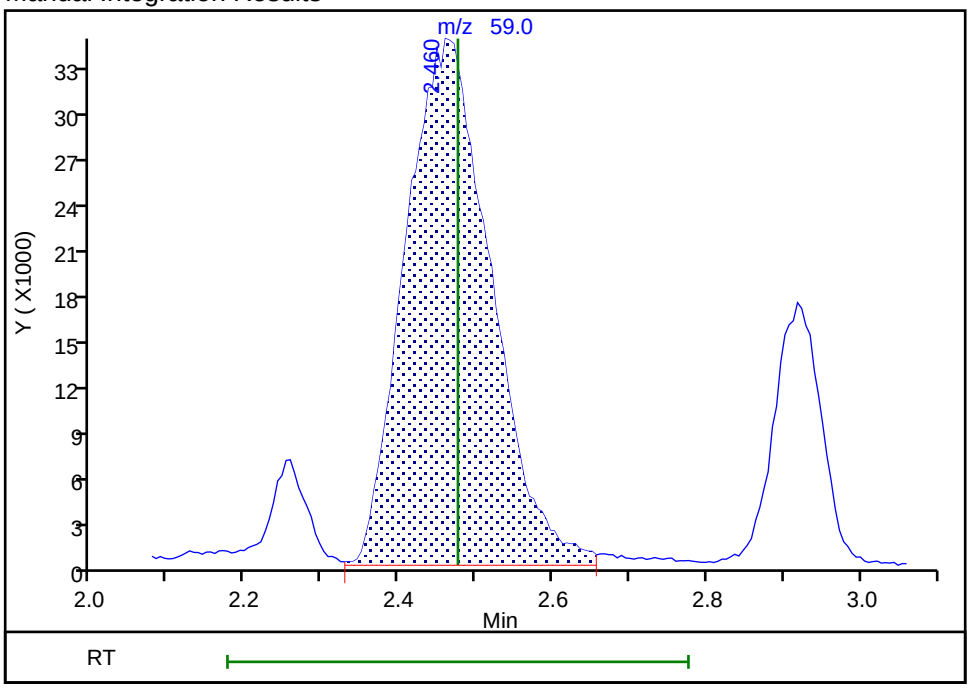
Processing Integration Results

RT: 2.73
Area: 1820
Amount: 5.379544
Amount Units: ug/l



Manual Integration Results

RT: 2.46
Area: 270555
Amount: 419.9623
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:48:49
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

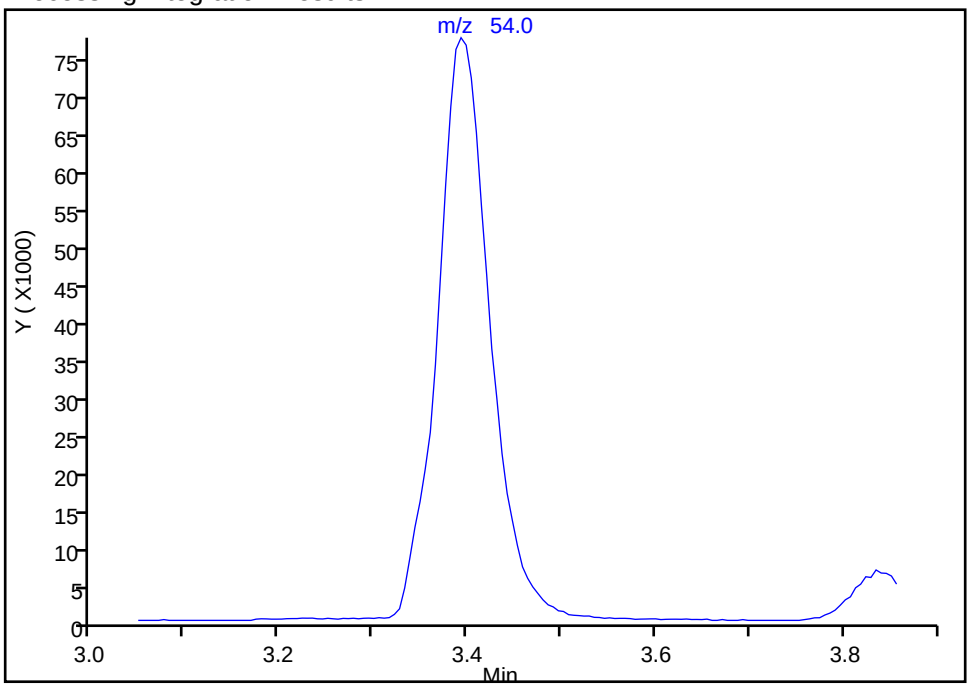
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

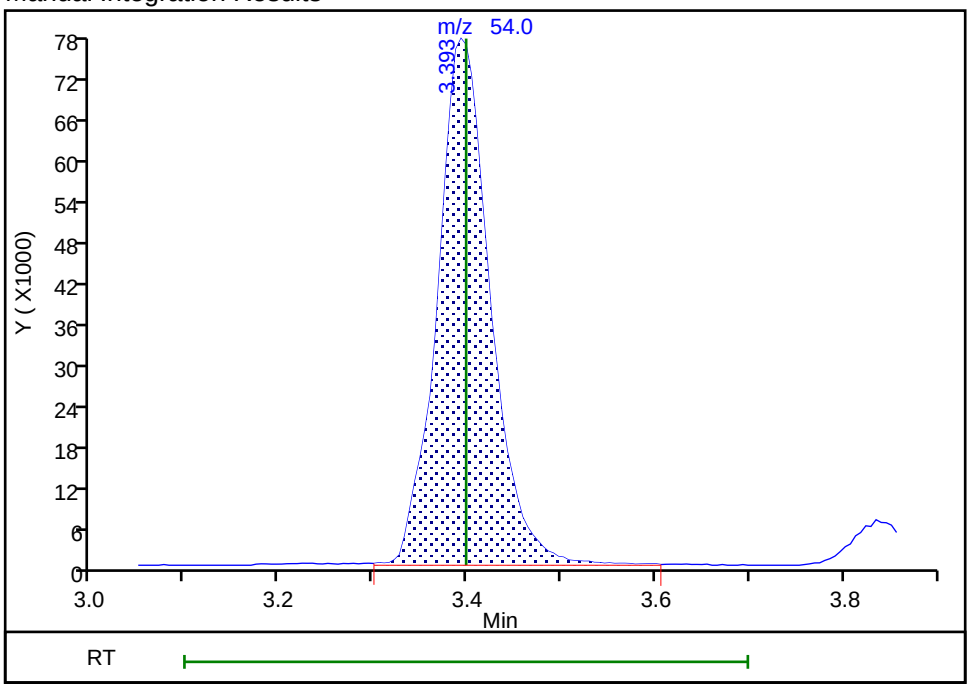
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 303231
Amount: 435.3741
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:03
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

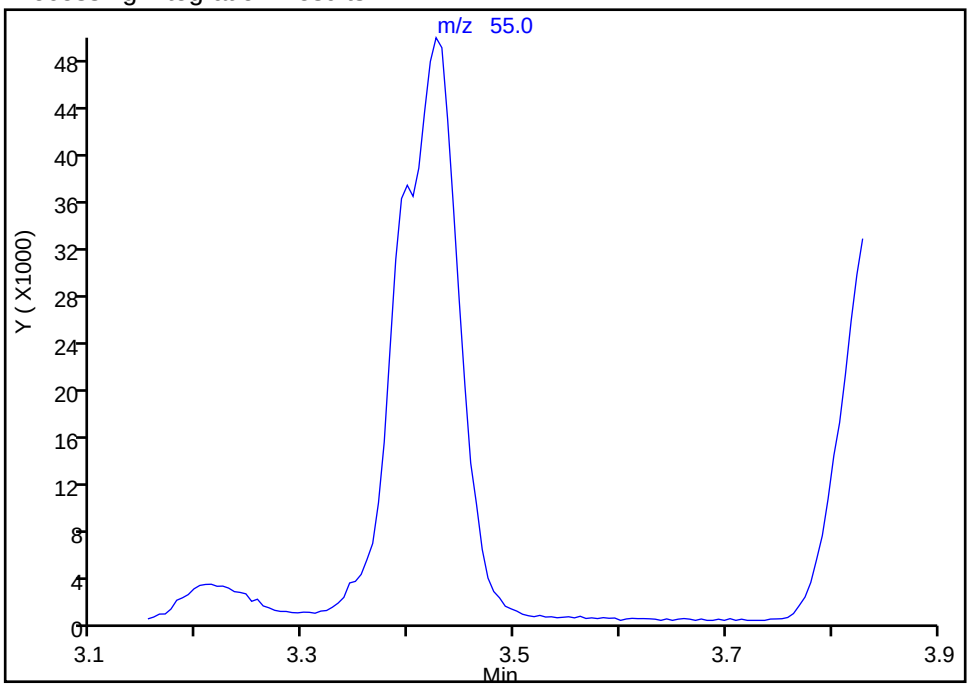
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

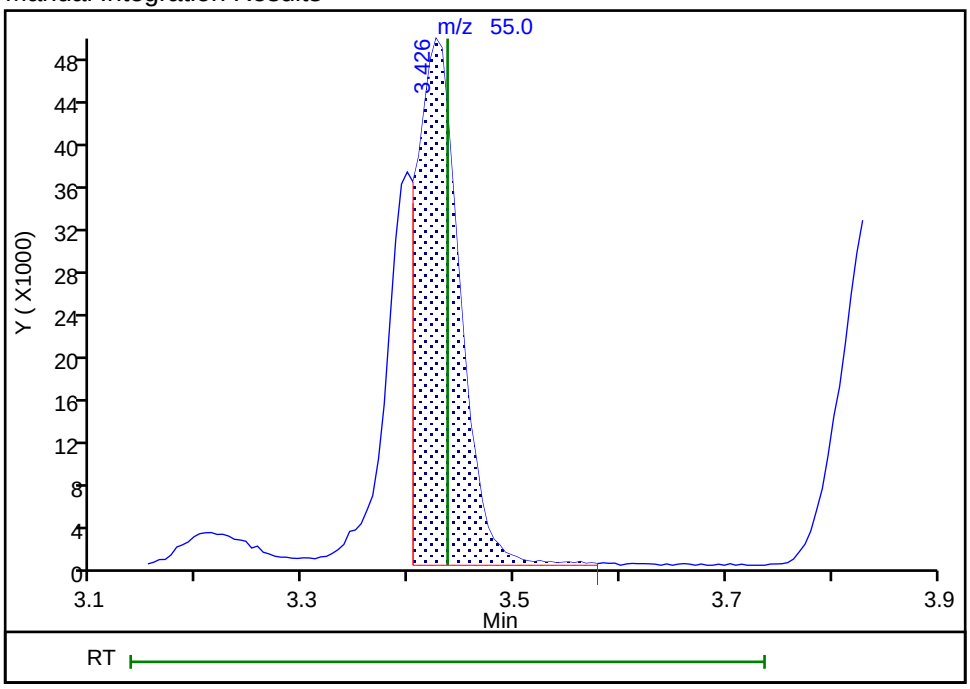
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.43
Area: 142166
Amount: 39.027231
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:16
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

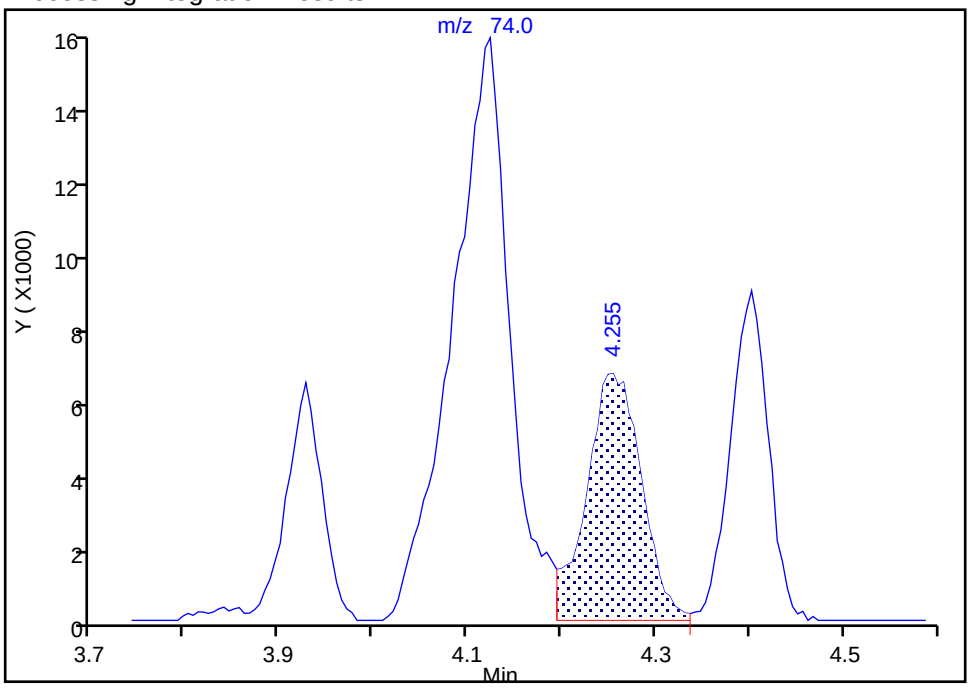
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

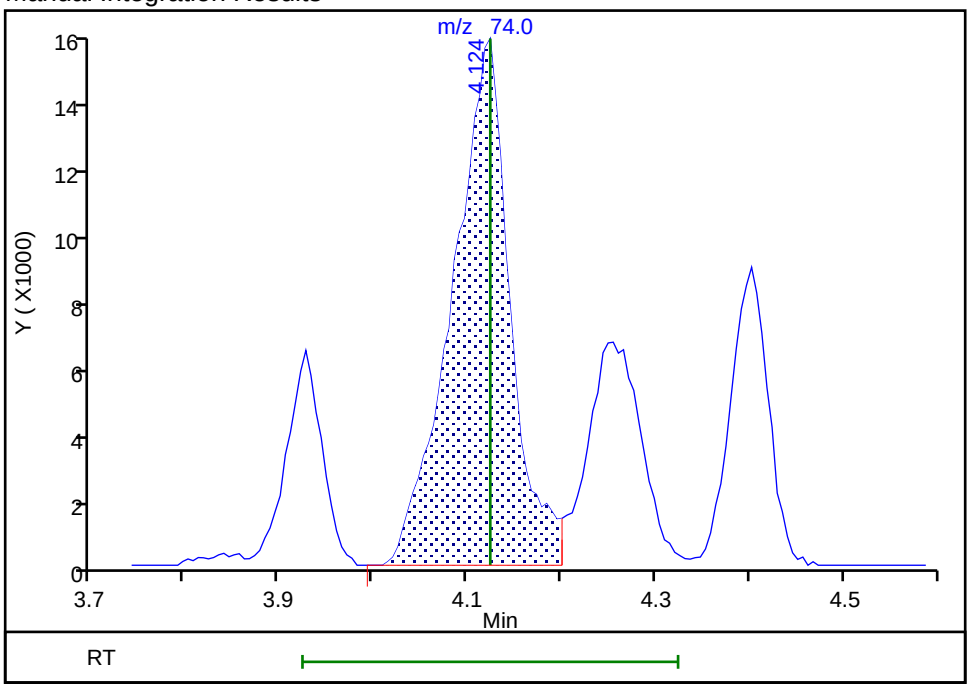
Processing Integration Results

RT: 4.26
Area: 26365
Amount: 645.5335
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 65351
Amount: 856.1395
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:27
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

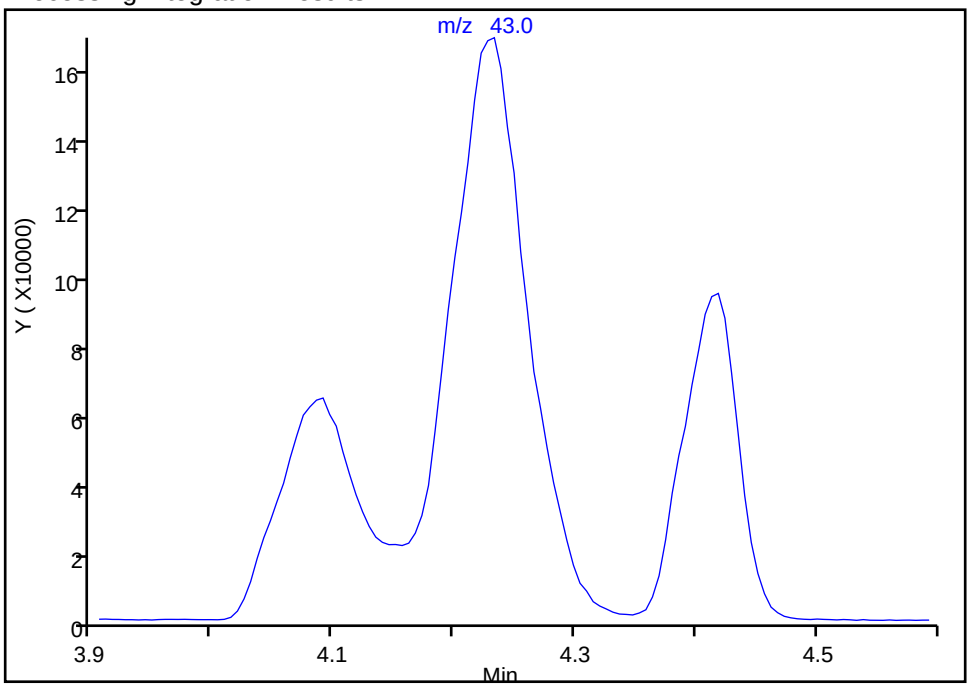
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

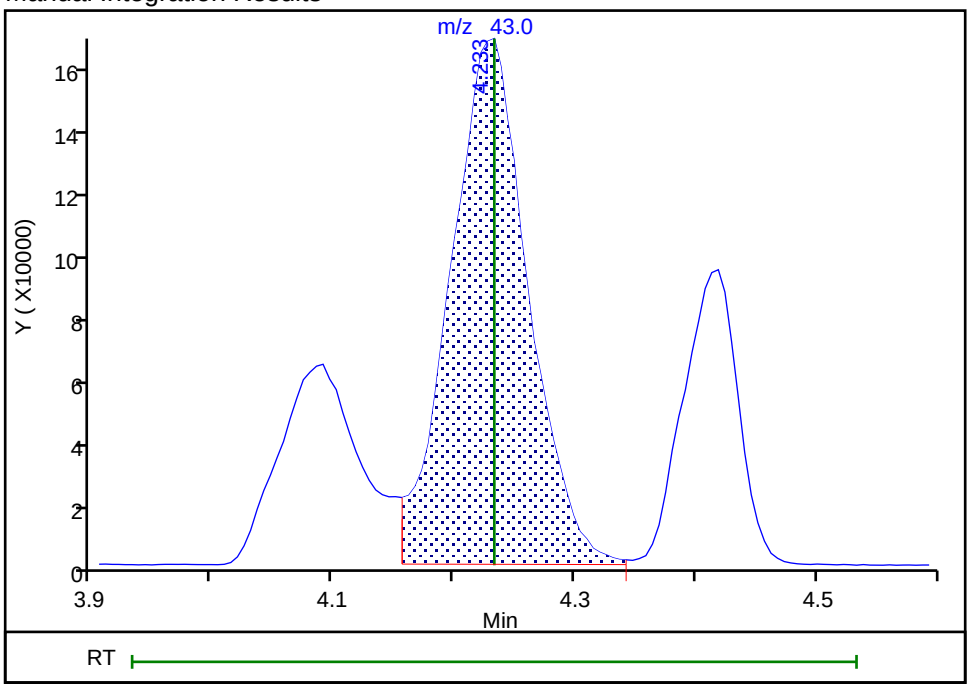
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 718631
Amount: 52.183739
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:36
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

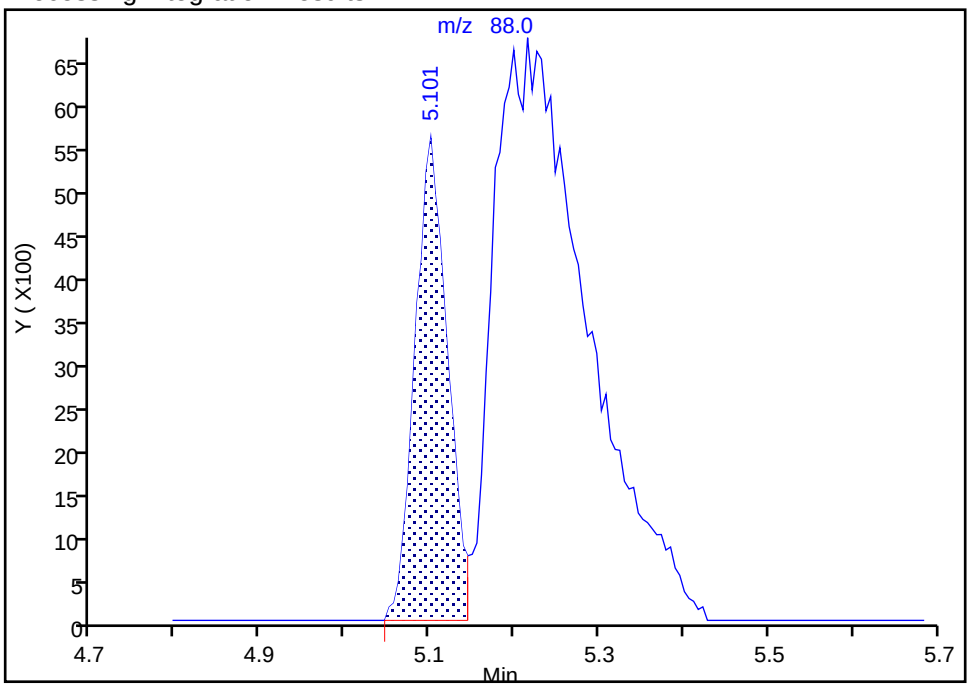
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

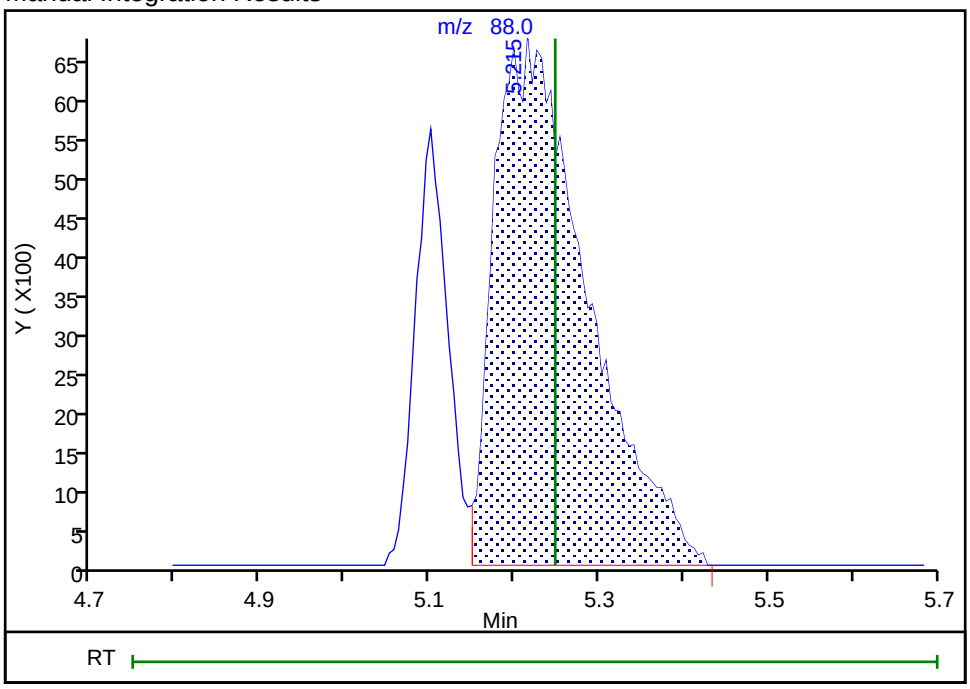
Processing Integration Results

RT: 5.10
Area: 14899
Amount: 383.2939
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 51467
Amount: 998.6724
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:45
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

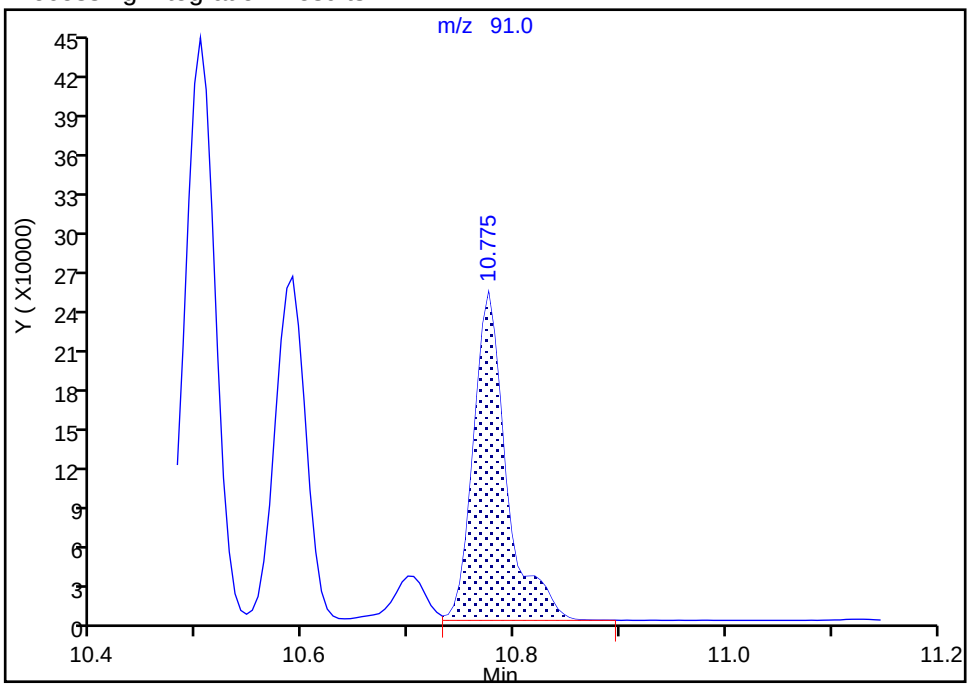
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

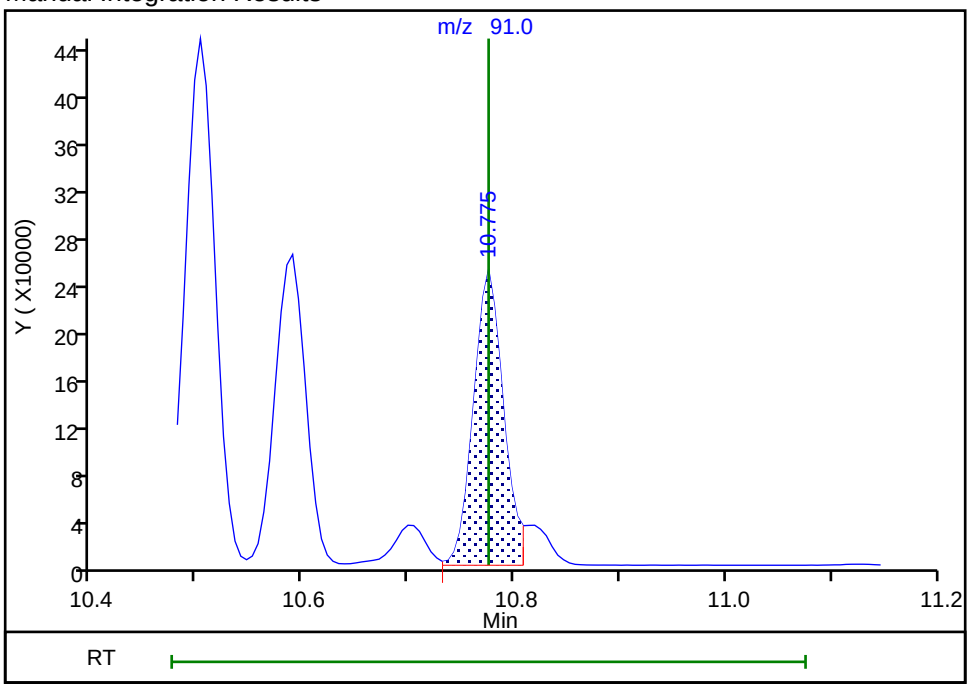
Processing Integration Results

RT: 10.78
Area: 541186
Amount: 53.212914
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 490518
Amount: 50.585802
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:50:03
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

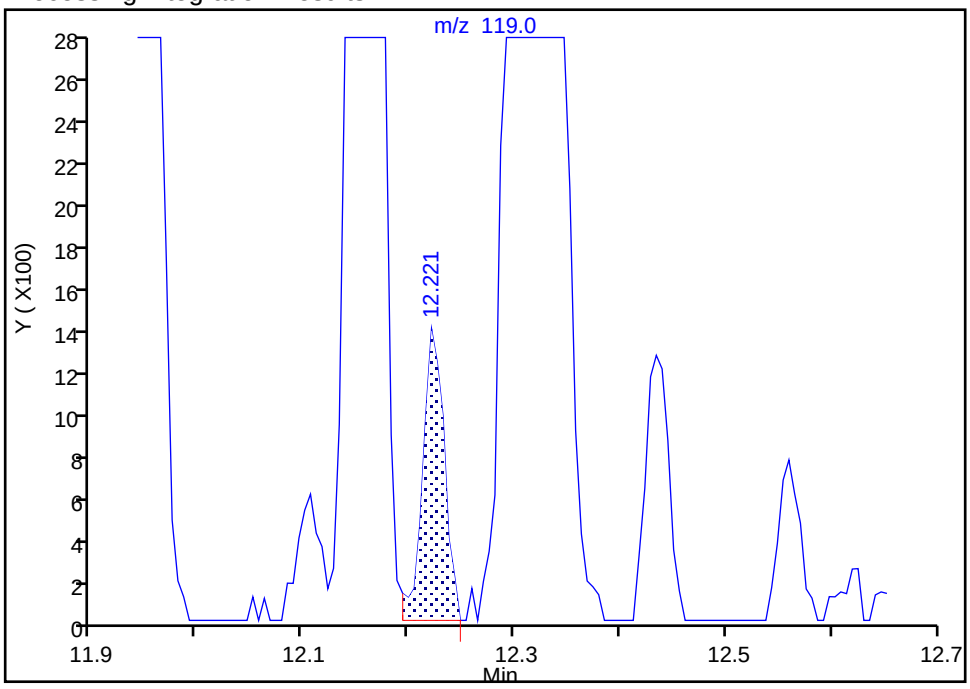
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

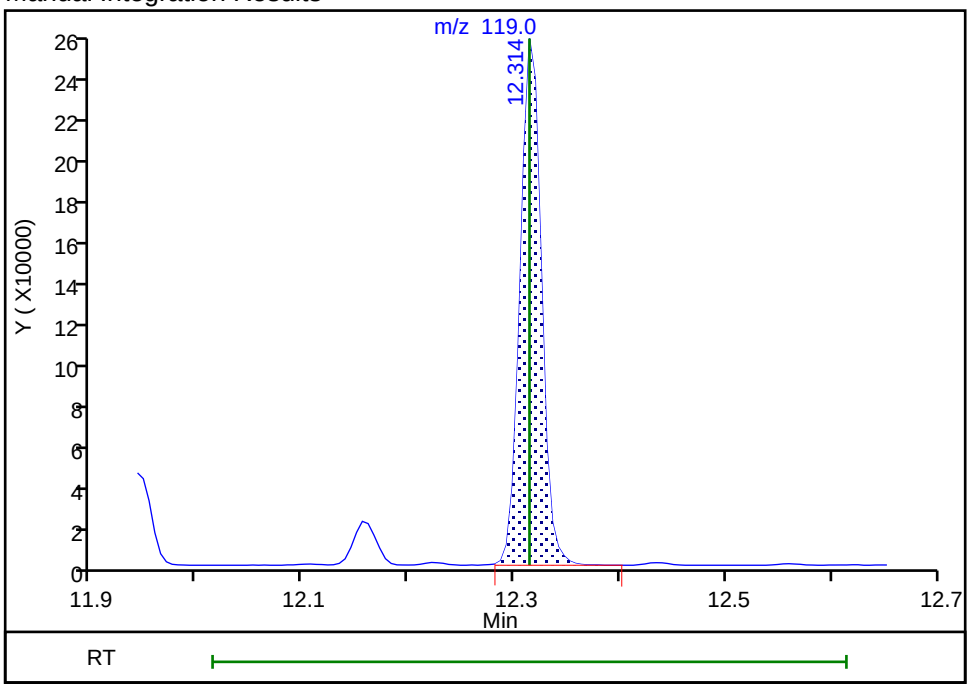
Processing Integration Results

RT: 12.22
Area: 1933
Amount: 0.580715
Amount Units: ug/l



Manual Integration Results

RT: 12.31
Area: 357140
Amount: 53.861433
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:50:18
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-Aug-2020 22:09:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0115799-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:36:07 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:11:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.052	1.036	0.016	68	66310	200.0	177.6	a
3 1,1-Difluoroethane	65	1.090	1.074	0.016	91	455739	200.0	188.4	
2 Chlorotrifluoroethene	116	1.117	1.112	0.005	75	291522	200.0	186.3	
5 Chlorodifluoromethane	67	1.145	1.129	0.016	98	145604	200.0	180.3	
4 Dichlorodifluoromethane	85	1.145	1.134	0.011	98	1229012	200.0	207.7	
6 Chloromethane	50	1.259	1.249	0.010	99	1536106	200.0	184.5	
7 Butadiene	54	1.297	1.281	0.016	96	969621	200.0	187.2	
8 Vinyl chloride	62	1.325	1.309	0.016	99	1061576	200.0	185.1	
9 Bromomethane	94	1.499	1.489	0.010	99	715718	200.0	181.5	
10 Chloroethane	64	1.538	1.521	0.017	99	526236	200.0	178.3	
11 Dichlorofluoromethane	67	1.679	1.669	0.010	99	1315054	200.0	179.6	
13 Pentane	72	1.728	1.712	0.016	96	211035	400.0	485.6	
12 Trichlorofluoromethane	101	1.728	1.718	0.010	97	1062425	200.0	191.9	
15 Ethyl ether	59	1.849	1.838	0.011	97	562947	200.0	188.1	
16 2-Methyl-1,3-butadiene	53	1.870	1.865	0.005	89	627367	200.0	177.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.887	1.871	0.016	93	599990	200.0	197.2	
14 Ethanol	46	1.925	1.903	0.022	67	177824	8000.0	8444.3	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.919	1.914	0.005	95	1055883	200.0	197.2	a
19 Acrolein	56	1.941	1.931	0.010	93	221414	500.0	555.4	
21 1,1-Dichloroethene	96	2.023	2.007	0.016	98	691181	200.0	199.0	
22 Acetone	43	2.045	2.034	0.011	86	1449841	1000.0	1072.6	
20 112TCTFE	101	2.050	2.040	0.010	94	708367	200.0	200.9	
23 Iodomethane	142	2.132	2.116	0.016	98	1441516	200.0	193.3	
24 Isopropyl alcohol	45	2.176	2.171	0.005	95	741681	2000.0	2076.3	
25 Carbon disulfide	76	2.187	2.171	0.016	99	3023137	200.0	195.1	M
26 3-Chloro-1-propene	39	2.252	2.242	0.010	87	1048087	200.0	189.5	a
27 Methyl acetate	43	2.263	2.258	0.005	100	1168952	400.0	493.3	
29 Acetonitrile	41	2.296	2.285	0.011	73	630032	2000.0	2257.0	M
28 Cyclopentene	67	2.318	2.307	0.011	96	1809352	200.0	180.3	
31 Methylene Chloride	84	2.345	2.340	0.005	94	867272	200.0	165.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.405	0.006	94	317946	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.471	2.476	-0.005	92	1008788	2000.0	2147.3	a
35 Acrylonitrile	53	2.514	2.509	0.005	94	2788382	2000.0	1764.6	
34 trans-1,2-Dichloroethene	96	2.541	2.531	0.010	97	753577	200.0	191.5	
33 Methyl tert-butyl ether	73	2.563	2.547	0.016	97	1953303	200.0	185.3	
36 Hexane	43	2.743	2.738	0.005	93	689590	200.0	190.8	
38 1,1-Dichloroethane	63	2.853	2.853	-0.001	99	1489348	200.0	193.5	
39 Vinyl acetate	86	2.896	2.891	0.005	100	281786	400.0	414.6	
37 Isopropyl ether	45	2.929	2.918	0.011	85	2562232	200.0	181.9	
40 2-Chloro-1,3-butadiene	88	2.929	2.924	0.005	92	709618	200.0	196.8	
41 Tert-butyl ethyl ether	59	3.229	3.213	0.016	88	2353163	200.0	187.3	
* 42 2-Butanone-d5	46	3.300	3.295	0.005	91	317709	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.333	3.327	0.006	96	897601	200.0	191.4	
43 2,2-Dichloropropane	79	3.354	3.338	0.016	97	351893	200.0	182.3	
46 2-Butanone (MEK)	72	3.354	3.349	0.005	99	485209	1000.0	1026.9	
45 Ethyl acetate	70	3.409	3.366	0.043	99	163341	400.0	399.3	
48 Propionitrile	54	3.404	3.398	0.006	97	1150983	2000.0	2266.2	a
47 Methyl acrylate	55	3.436	3.437	-0.001	99	831846	200.0	205.0	a
51 Methacrylonitrile	67	3.535	3.524	0.011	94	2973845	2000.0	1888.3	
50 Chlorobromomethane	128	3.540	3.535	0.005	88	427124	200.0	190.2	
49 Tetrahydrofuran	72	3.595	3.595	0.000	82	201683	400.0	384.8	
52 Chloroform	83	3.616	3.611	0.005	99	1368352	200.0	187.0	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	187532	50.0	47.1	
54 1,1,1-Trichloroethane	97	3.796	3.786	0.010	99	1144397	200.0	195.2	
53 Cyclohexane	84	3.851	3.840	0.011	92	1195530	200.0	202.8	
57 1,1-Dichloropropene	75	3.933	3.928	0.005	97	1071337	200.0	198.1	
56 Carbon tetrachloride	117	3.949	3.944	0.005	99	1009185	200.0	202.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.064	0.005	0	199153	50.0	48.6	
58 Isobutyl alcohol	74	4.129	4.124	0.005	96	284373	5000.0	5175.9	a
60 Benzene	78	4.129	4.130	-0.001	96	3223401	200.0	194.9	
64 1,2-Dichloroethane	62	4.146	4.140	0.006	97	1013823	200.0	195.2	
59 Isooctane	57	4.233	4.217	0.016	96	2998917	200.0	195.6	
62 Isopropyl acetate	43	4.238	4.233	0.005	95	2803236	200.0	184.8	a
63 Tert-amyl methyl ether	87	4.260	4.255	0.005	91	632956	200.0	187.8	
* 66 Fluorobenzene	96	4.408	4.408	0.000	99	584634	50.0	50.0	
65 n-Heptane	57	4.418	4.413	0.005	94	664250	200.0	90.2	
68 n-Butanol	56	4.784	4.757	0.027	89	680892	5000.0	5127.6	
69 Trichloroethene	95	4.795	4.790	0.005	99	796332	200.0	213.1	
70 Ethyl acrylate	56	4.937	4.921	0.016	98	109533	200.0	189.8	
71 Methylcyclohexane	83	5.013	5.008	0.005	97	1437912	200.0	206.7	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	92	818492	200.0	203.7	
77 Dibromomethane	93	5.161	5.161	0.000	97	477012	200.0	203.2	
* 73 1,4-Dioxane-d8	96	5.161	5.166	-0.005	29	39164	1000.0	1000.0	
74 Methyl methacrylate	69	5.199	5.183	0.016	91	861858	400.0	407.0	
75 1,4-Dioxane	88	5.221	5.248	-0.027	85	202376	4000.0	3676.3	
76 n-Propyl acetate	43	5.281	5.264	0.017	99	894650	200.0	183.4	
78 Dichlorobromomethane	83	5.357	5.352	0.005	100	1035063	200.0	210.9	
79 2-Nitropropane	41	5.624	5.614	0.010	98	333600	400.0	401.0	
67 2-Chloroethyl vinyl ether	63	5.733	5.723	0.010	94	151660	200.5	237.0	
80 Epichlorohydrin	57	5.793	5.777	0.016	100	1418391	4000.0	4260.4	
81 cis-1,3-Dichloropropene	75	5.892	5.881	0.011	93	1186521	200.0	219.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.116	0.005	97	3632948	1000.0	986.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.219	0.006	99	647105	50.0	49.7	
84 Toluene	91	6.306	6.301	0.005	94	2962373	200.0	202.9	
85 trans-1,3-Dichloropropene	75	6.612	6.607	0.005	98	943814	200.0	214.1	
86 Ethyl methacrylate	69	6.787	6.781	0.006	90	816892	200.0	201.6	
87 1,1,2-Trichloroethane	83	6.852	6.841	0.011	96	494713	200.0	205.8	
88 Tetrachloroethene	166	7.027	7.021	0.006	98	723785	200.0	214.1	
89 1,3-Dichloropropane	76	7.070	7.060	0.010	95	953315	200.0	208.5	
90 2-Hexanone	43	7.234	7.234	0.000	96	2112669	1000.0	996.1	
92 Chlorodibromomethane	129	7.370	7.365	0.005	98	694471	200.0	212.1	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	915063	200.0	174.6	
93 Ethylene Dibromide	107	7.501	7.496	0.005	98	571743	200.0	208.2	
* 94 Chlorobenzene-d5	117	8.194	8.195	-0.001	86	411968	50.0	50.0	
95 Chlorobenzene	112	8.238	8.233	0.005	96	1817552	200.0	206.0	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.380	0.005	96	809205	200.0	202.7	
96 Ethylbenzene	106	8.440	8.435	0.005	98	990583	200.0	203.0	
98 m-Xylene & p-Xylene	106	8.625	8.620	0.005	0	1217264	200.0	199.1	
100 o-Xylene	106	9.226	9.220	0.006	93	1303260	200.0	199.8	
101 Styrene	104	9.247	9.248	-0.001	95	1886226	200.0	199.4	
99 n-Butyl acrylate	73	9.286	9.286	0.000	97	444855	200.0	175.1	
103 Bromoform	173	9.487	9.488	-0.001	98	456225	200.0	205.1	
102 Amyl acetate (mixed isomers)	43	9.678	9.679	-0.001	90	1025215	200.0	183.4	
104 Isopropylbenzene	105	9.837	9.831	0.006	96	3397561	200.0	202.7	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	92	183310	50.0	47.1	
106 Bromobenzene	156	10.240	10.235	0.005	97	765562	200.0	219.0	
107 1,1,2,2-Tetrachloroethane	83	10.344	10.339	0.005	99	835486	200.0	209.0	
109 1,2,3-Trichloropropane	110	10.371	10.372	-0.001	99	200838	200.0	205.8	
110 trans-1,4-Dichloro-2-butene	53	10.442	10.437	0.005	93	172430	200.0	196.3	
108 N-Propylbenzene	91	10.508	10.503	0.005	99	3740368	200.0	217.8	
111 2-Chlorotoluene	91	10.595	10.590	0.005	97	2273457	200.0	216.0	
112 4-Ethyltoluene	105	10.704	10.699	0.005	99	2718912	200.0	201.9	
114 4-Chlorotoluene	91	10.781	10.775	0.006	96	2143148	200.0	212.2	M
113 1,3,5-Trimethylbenzene	105	10.824	10.819	0.005	93	2895477	200.0	223.3	
115 Butyl Methacrylate	87	11.086	11.081	0.005	91	852512	200.0	207.3	
116 tert-Butylbenzene	119	11.326	11.321	0.005	94	2477043	200.0	202.7	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	2849441	200.0	214.8	
118 sec-Butylbenzene	105	11.643	11.637	0.006	99	3709950	200.0	228.1	
120 1,3-Dichlorobenzene	146	11.730	11.725	0.005	96	1351226	200.0	207.6	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	95	203307	50.0	50.0	
119 4-Isopropyltoluene	119	11.856	11.850	0.006	98	3075104	200.0	224.0	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	93	1314686	200.0	203.5	
123 1,2,3-Trimethylbenzene	105	11.948	11.943	0.005	99	2794585	200.0	202.9	
124 Benzyl chloride	91	12.041	12.036	0.005	99	1113789	200.0	195.9	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	2500977	200.0	197.9	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	97	1457174	200.0	205.6	
126 p-Diethylbenzene	119	12.319	12.314	0.005	92	1350479	200.0	195.6	a
127 n-Butylbenzene	92	12.341	12.341	0.000	99	1483141	200.0	208.1	
130 1,2-Dibromo-3-Chloropropane	157	13.110	13.122	-0.012	95	189777	200.0	203.6	
129 1,2,4,5-Tetramethylbenzene	119	13.116	13.127	-0.011	97	2766841	200.0	197.8	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	98	1124542	200.0	186.9	
132 1,2,4-Trichlorobenzene	180	13.869	13.896	-0.027	94	1195031	200.0	193.4	
133 Hexachlorobutadiene	225	14.038	14.071	-0.033	97	687028	200.0	221.7	
134 Naphthalene	128	14.071	14.104	-0.033	99	2998801	200.0	200.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.278	14.317	-0.039	96	1298946	200.0	195.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	382.9	
S 137 Xylenes, Total	100				0		400.0	399.0	
S 139 Total BTEX	1				0		1000.0	999.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00102	Amount Added:	2.00	Units: uL	
Ethanol mix_00043	Amount Added:	2.00	Units: uL	
MIX I Hi_00129	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	5.00	Units: uL	
8FreonHi_00022	Amount Added:	2.00	Units: uL	
GAS Hi_00369	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Aug-2020 15:36:12 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D

Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9 Operator ID:

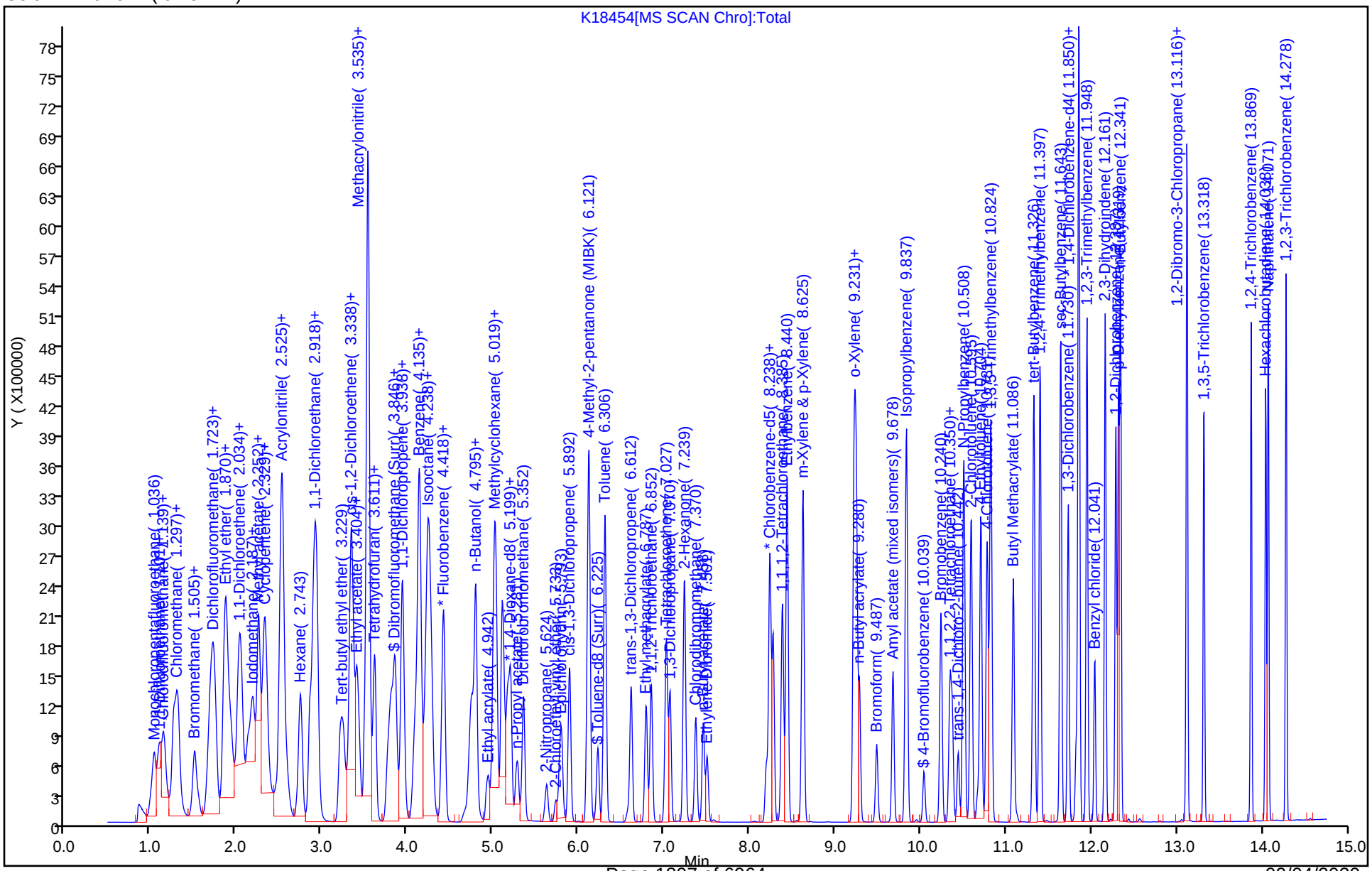
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

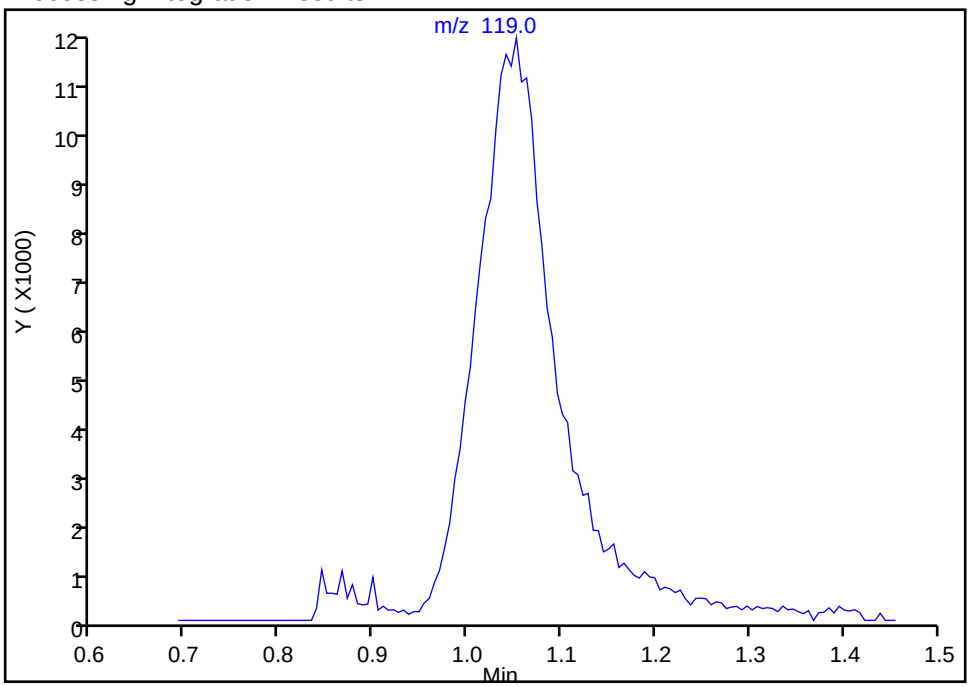
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

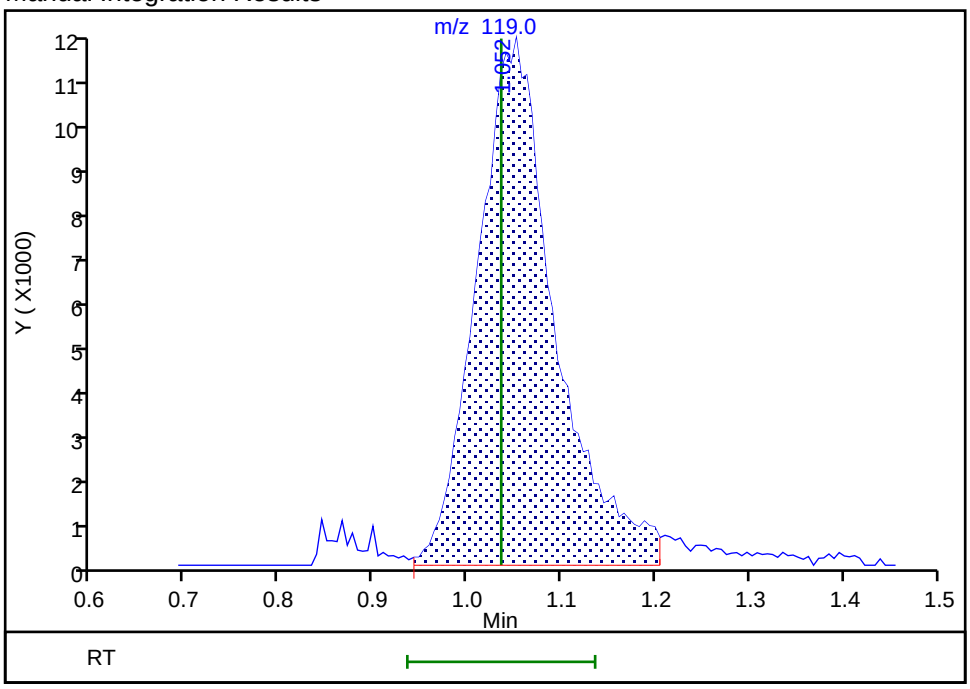
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.05
Area: 66310
Amount: 177.5990
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

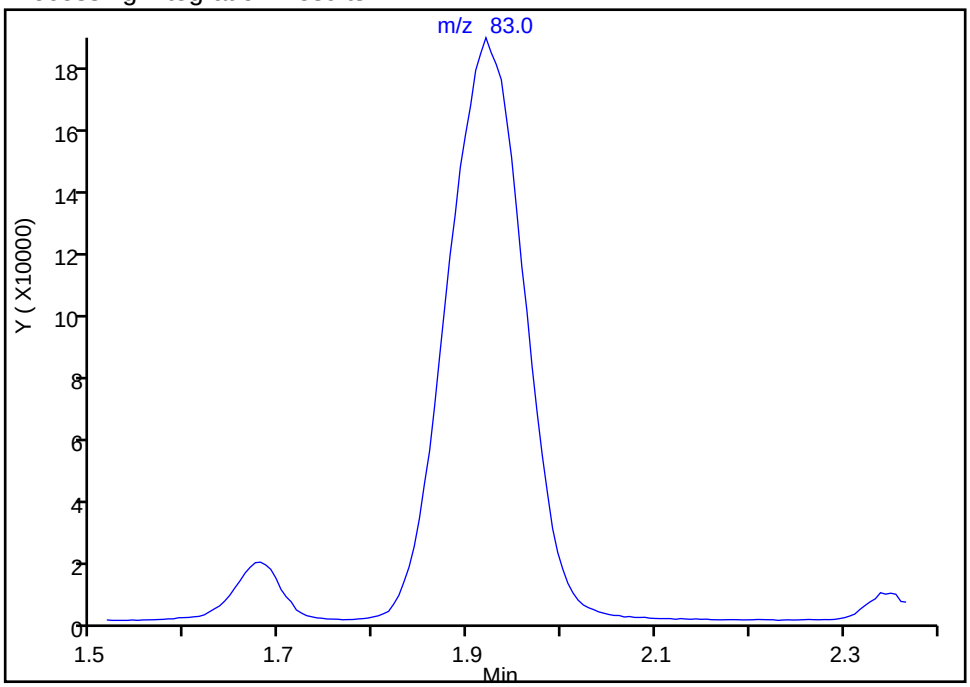
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

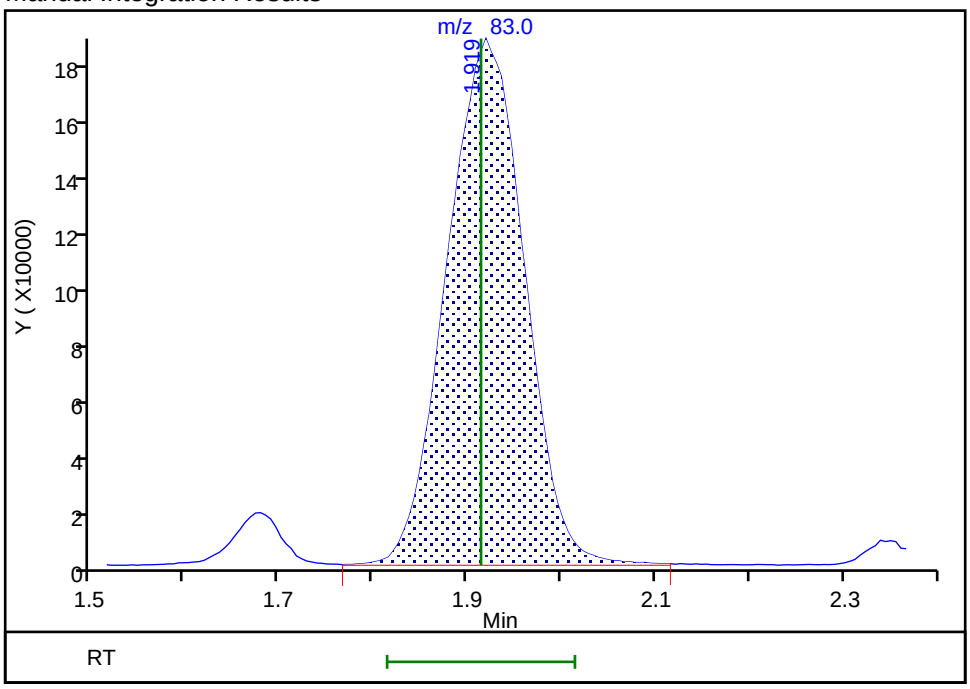
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 1055883
Amount: 197.2349
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

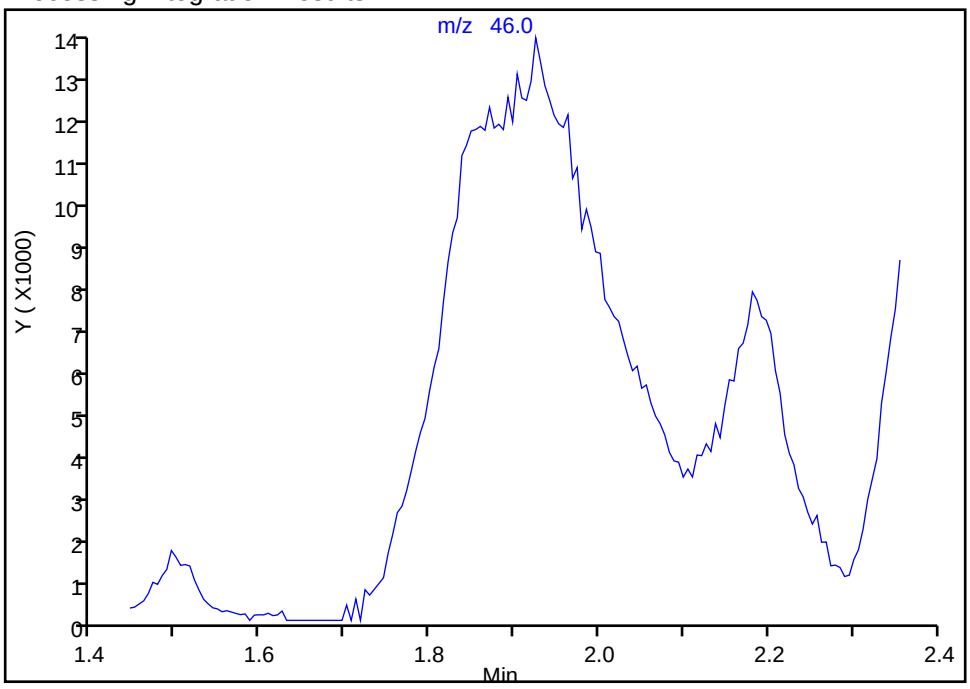
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

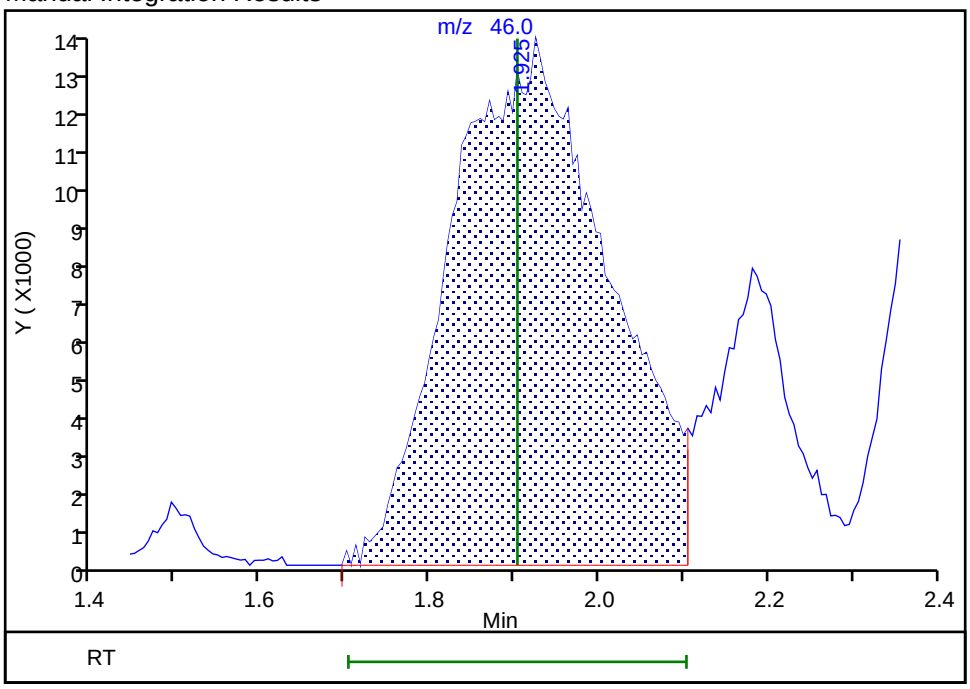
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 177824
Amount: 8444.3074
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

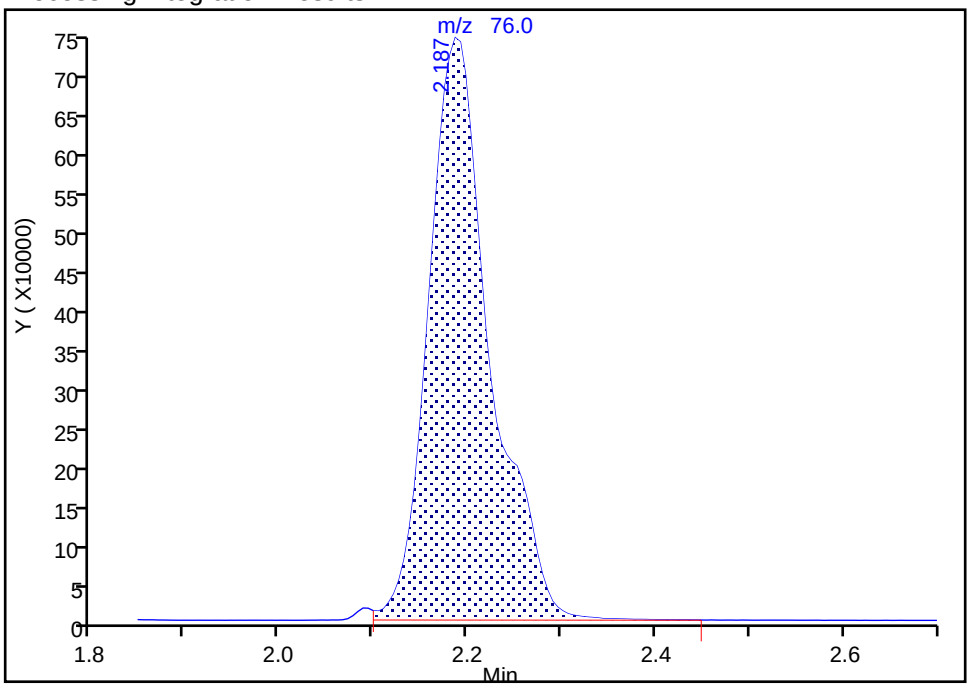
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

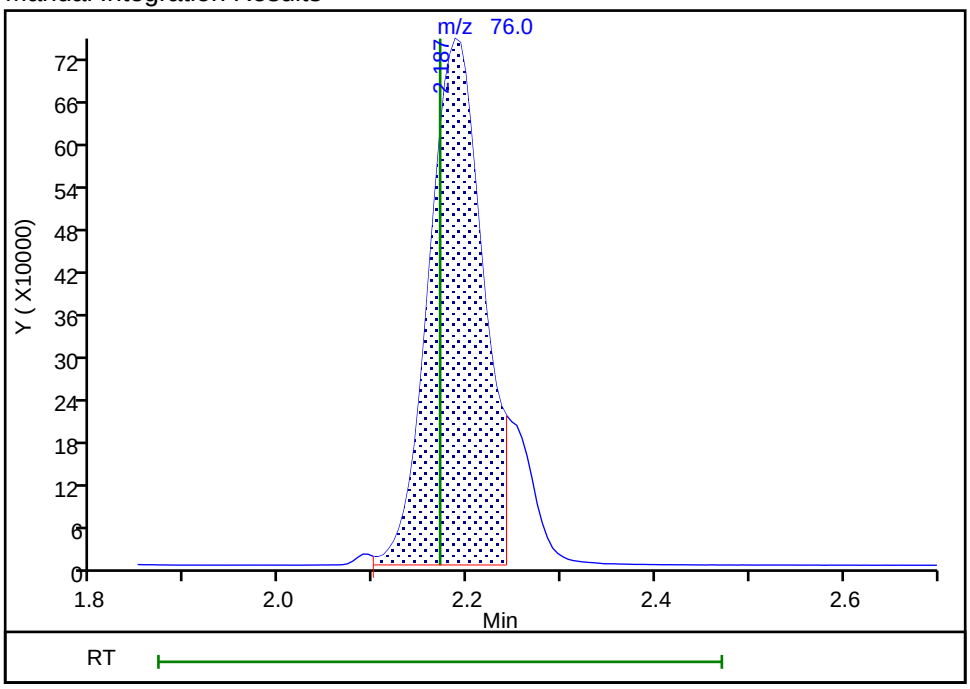
Processing Integration Results

RT: 2.19
Area: 3399097
Amount: 210.9281
Amount Units: ug/l



Manual Integration Results

RT: 2.19
Area: 3023137
Amount: 195.1366
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:42
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

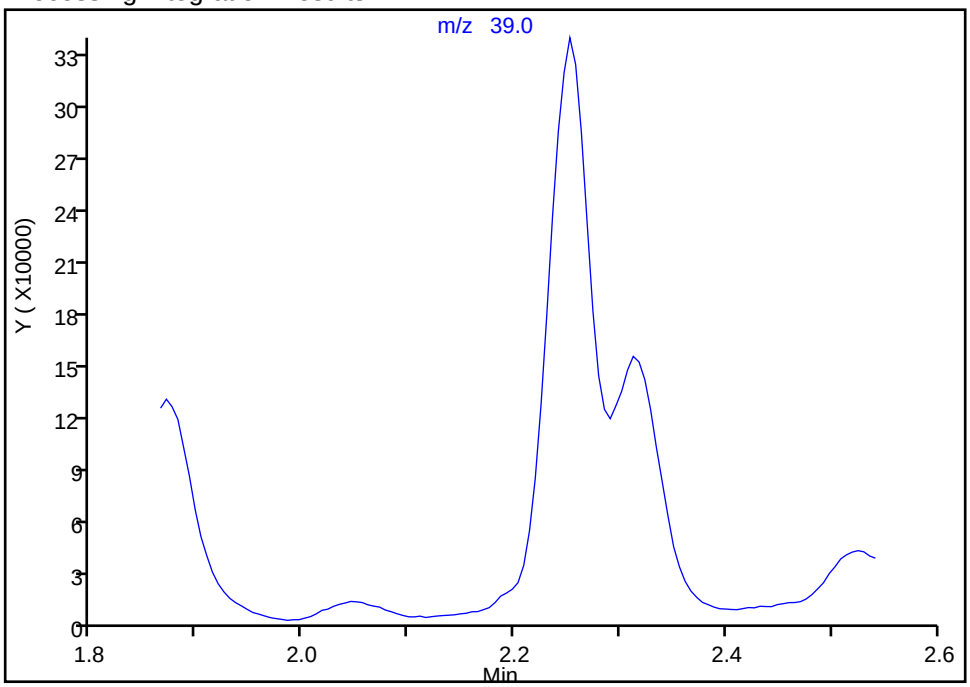
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

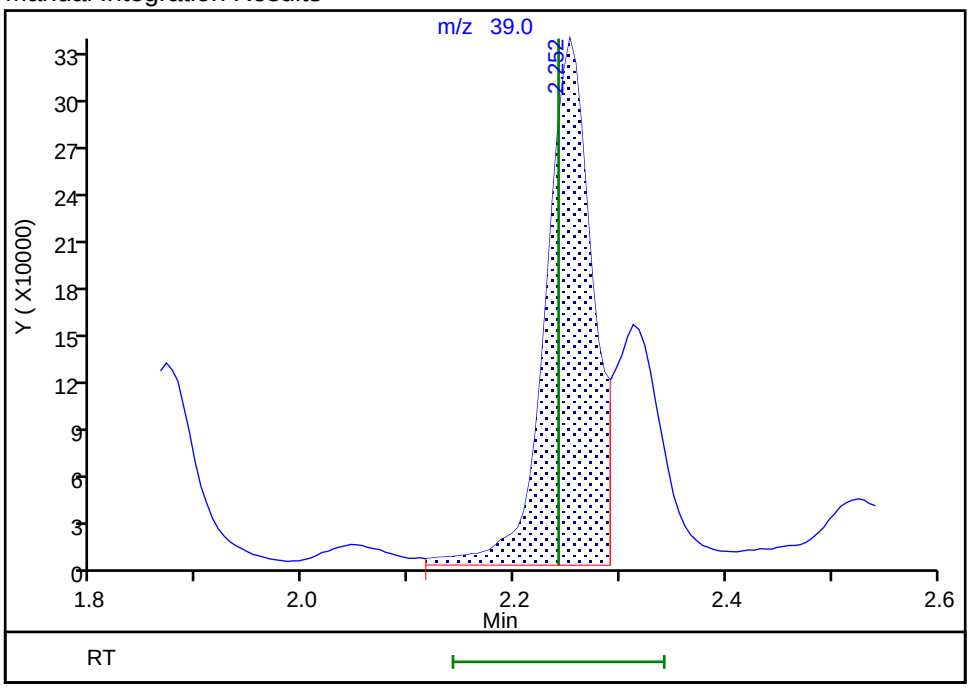
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 1048087
Amount: 189.5146
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:49
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

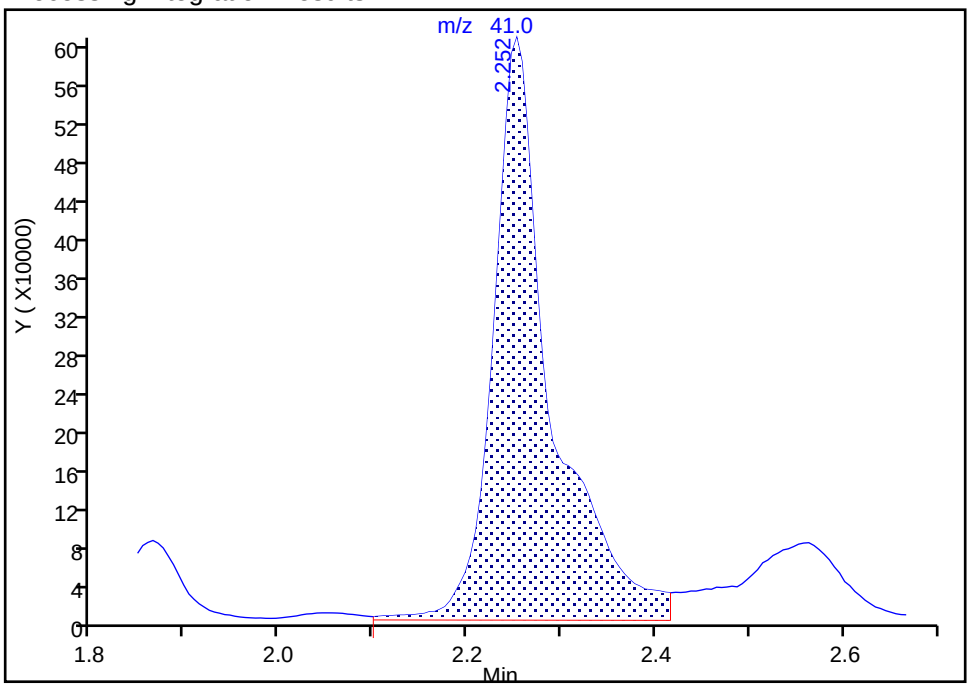
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

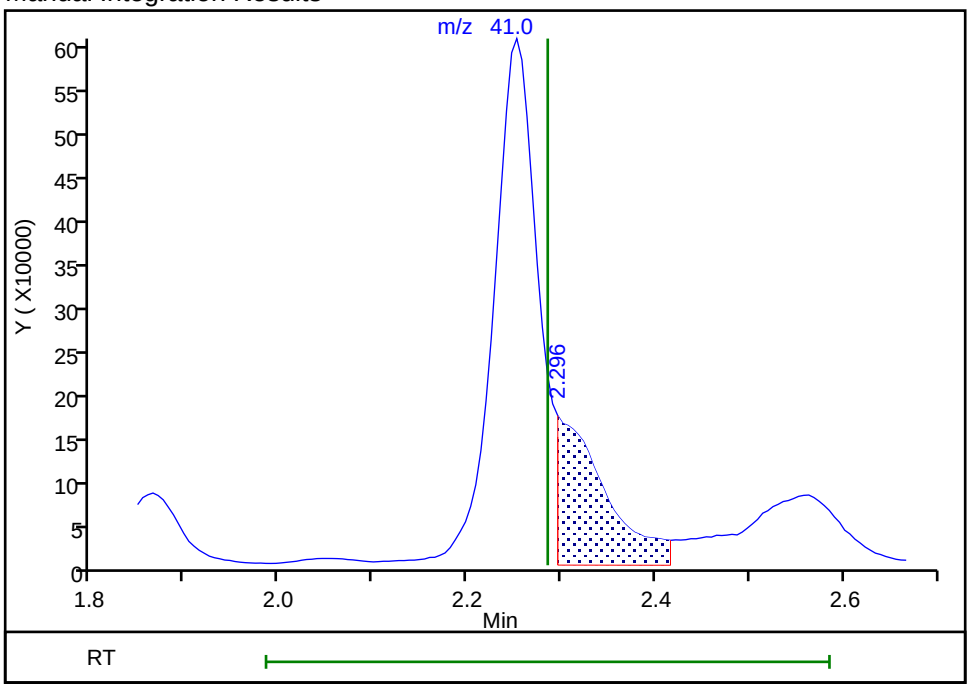
Processing Integration Results

RT: 2.25
Area: 2613083
Amount: 2114.9312
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 630032
Amount: 2257.0127
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:58
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

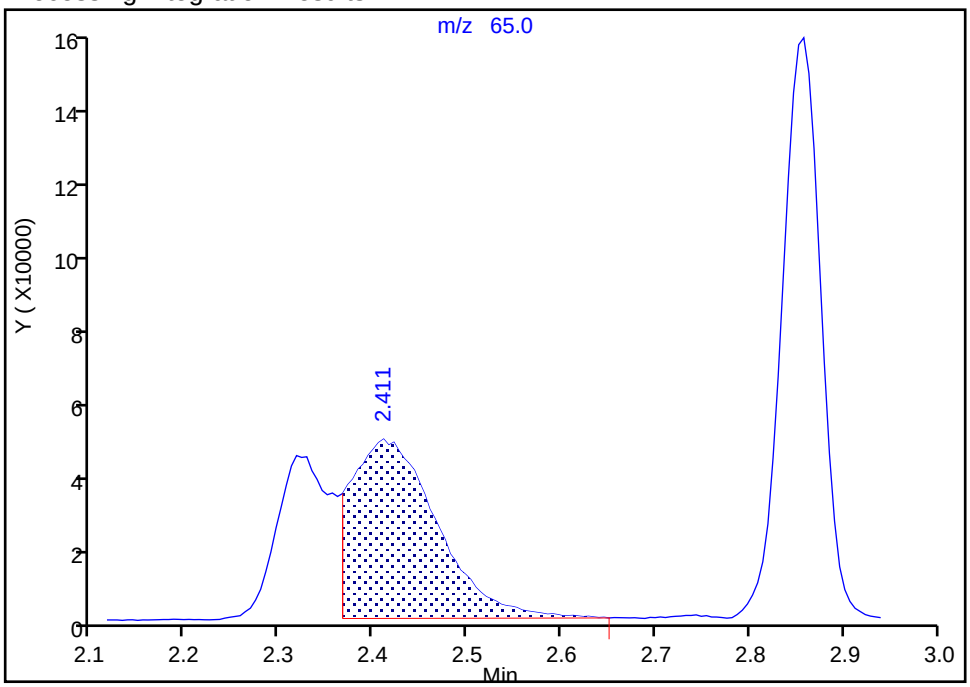
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

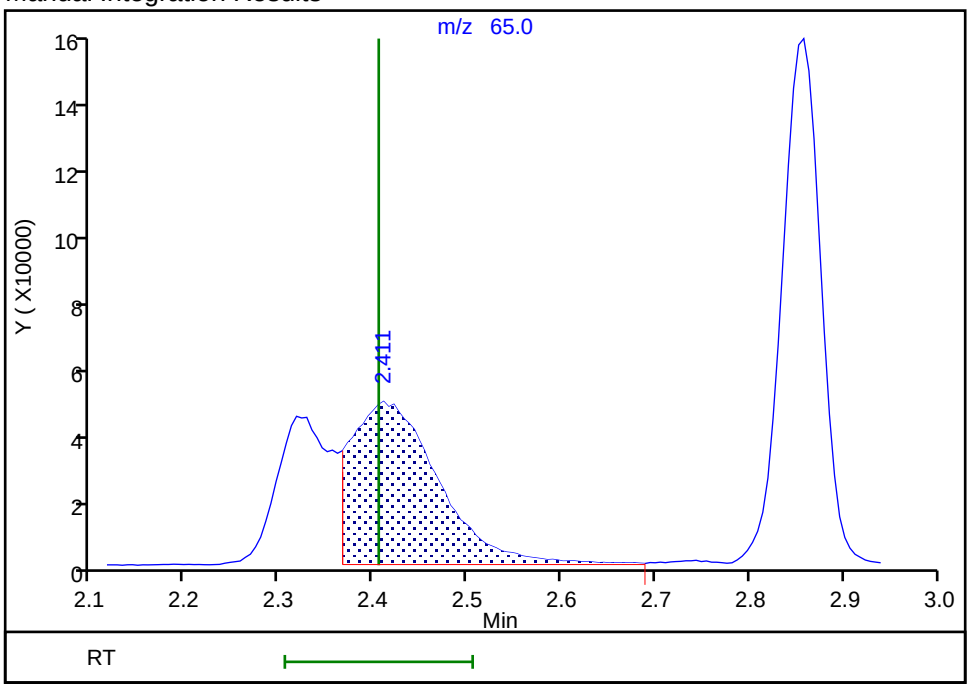
Processing Integration Results

RT: 2.41
Area: 310334
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 317946
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:16:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

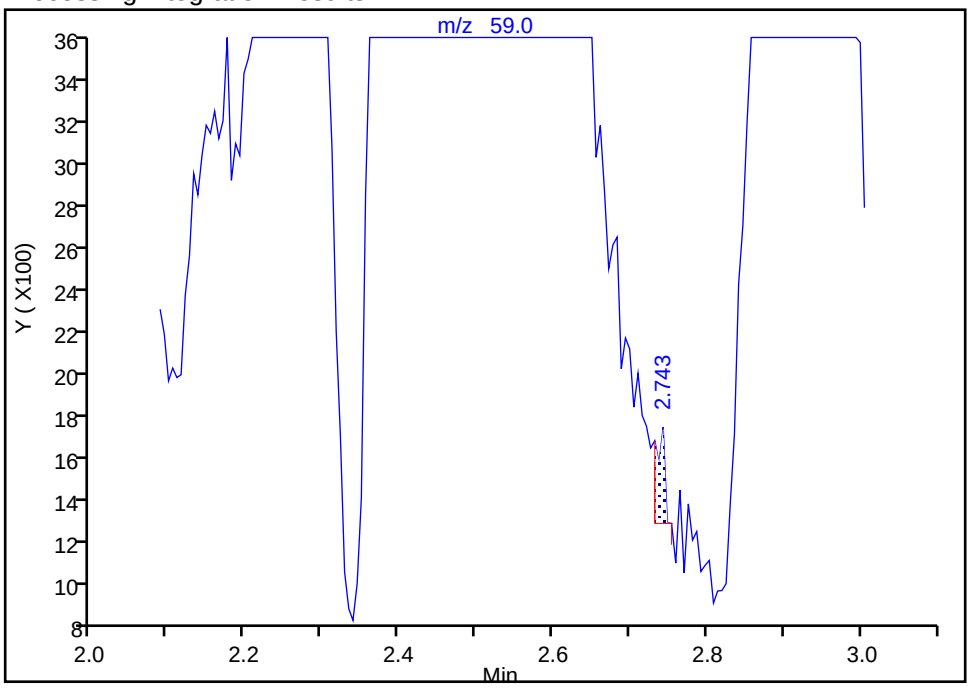
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

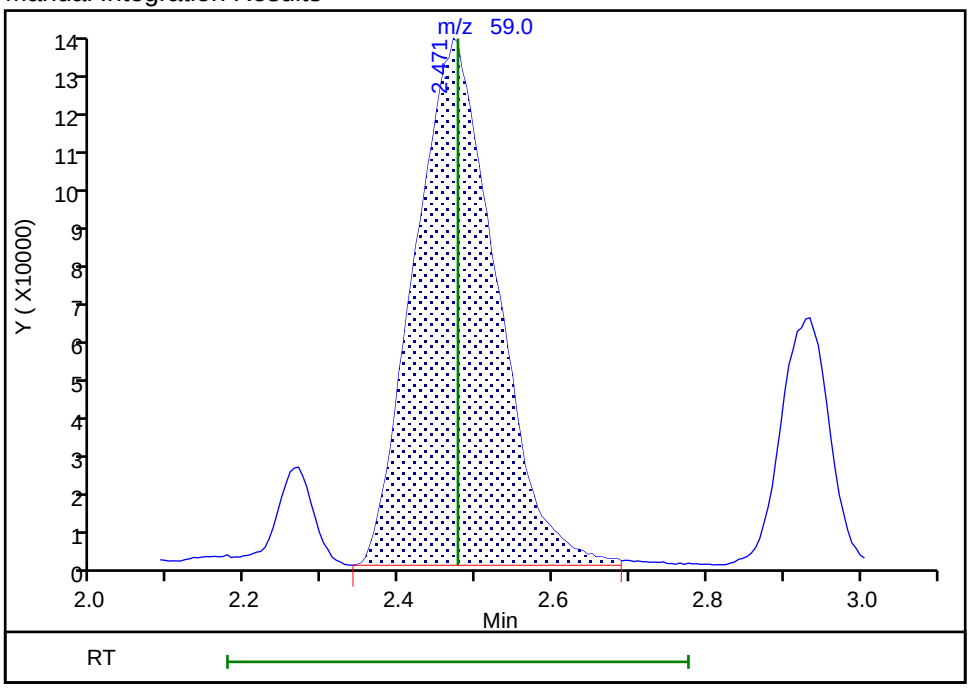
Processing Integration Results

RT: 2.74
Area: 359
Amount: 1.178735
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 1008788
Amount: 2147.2952
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:04
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

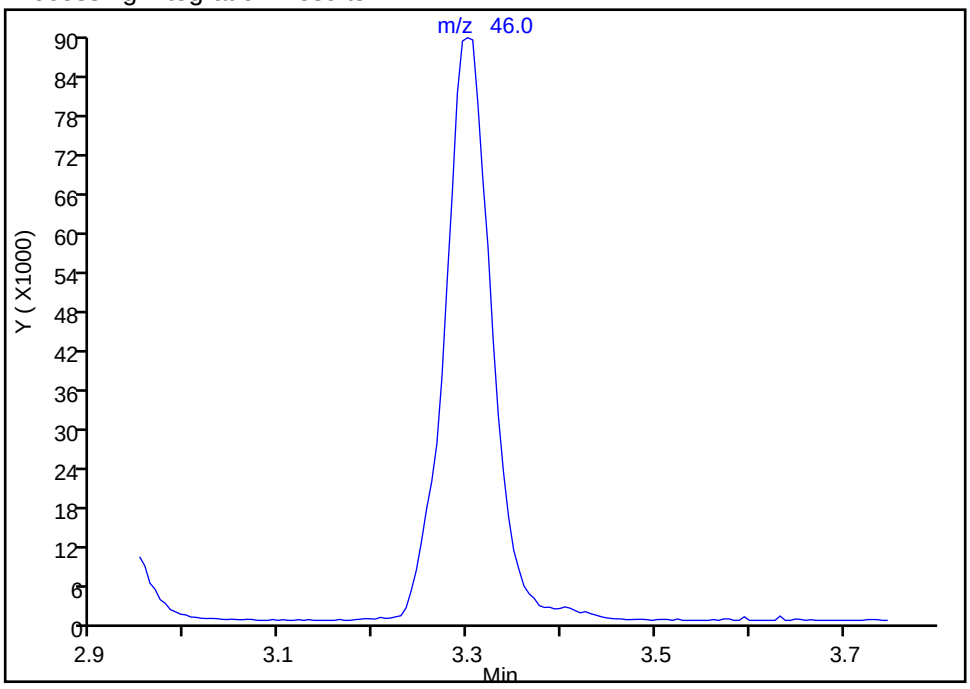
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

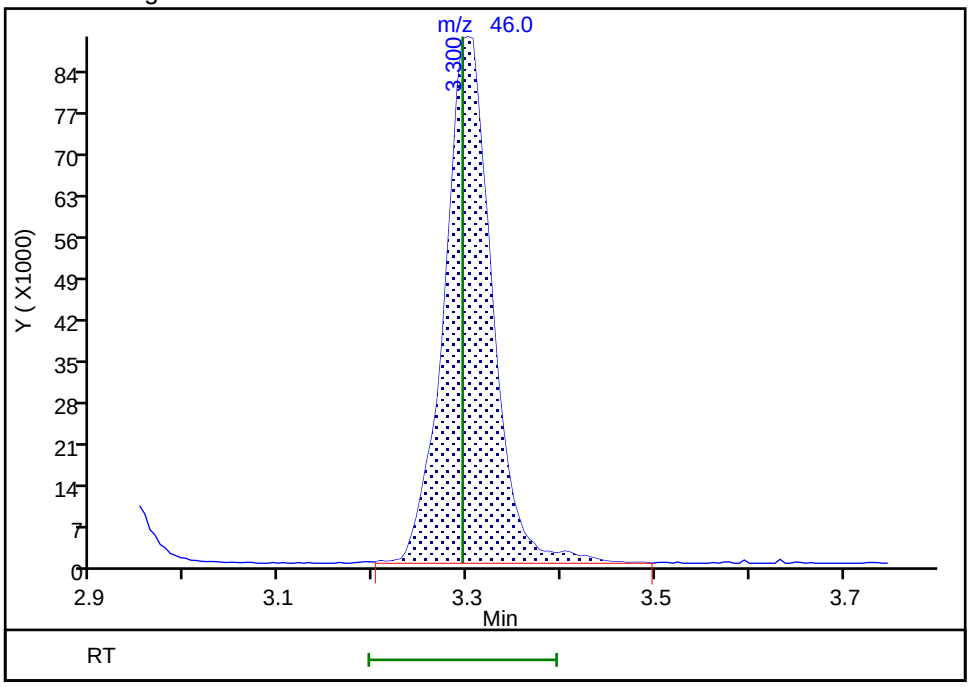
Not Detected
Expected RT: 3.29

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 317709
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:50:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

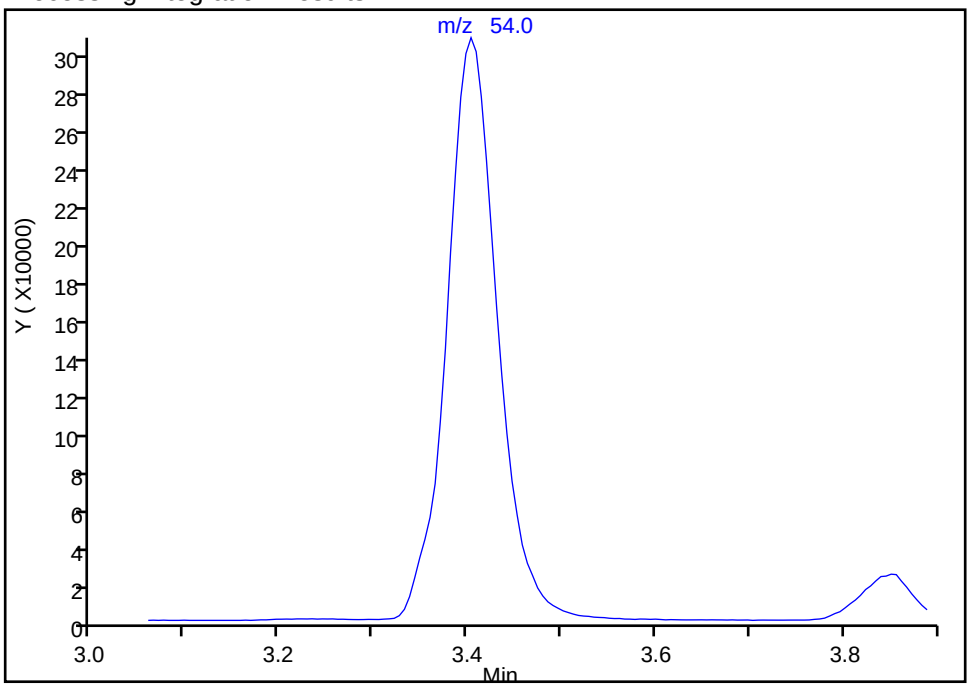
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

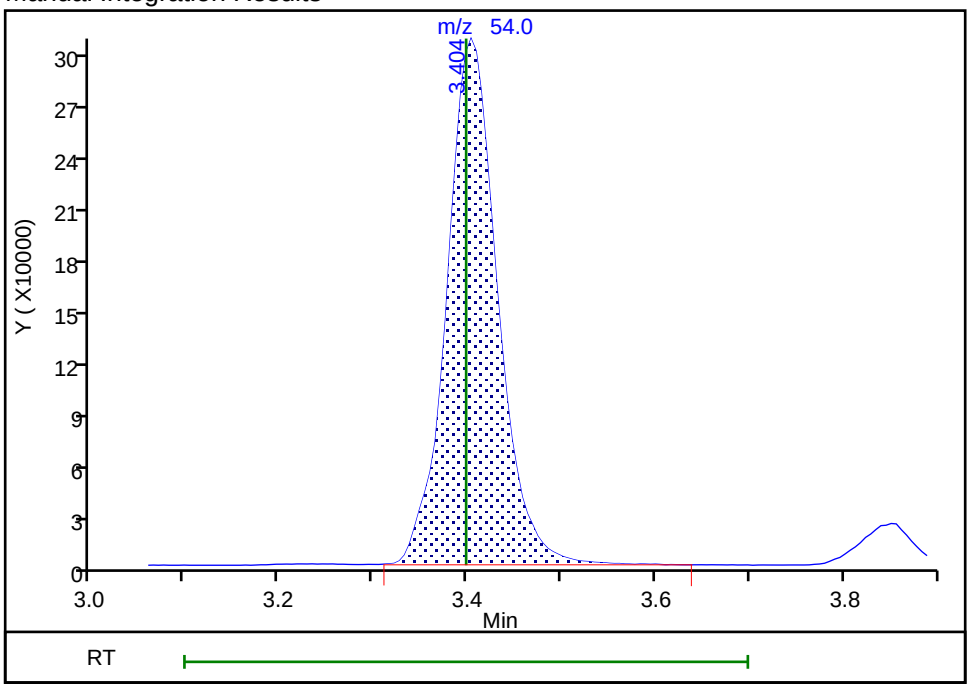
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 1150983
Amount: 2266.1831
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:13
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

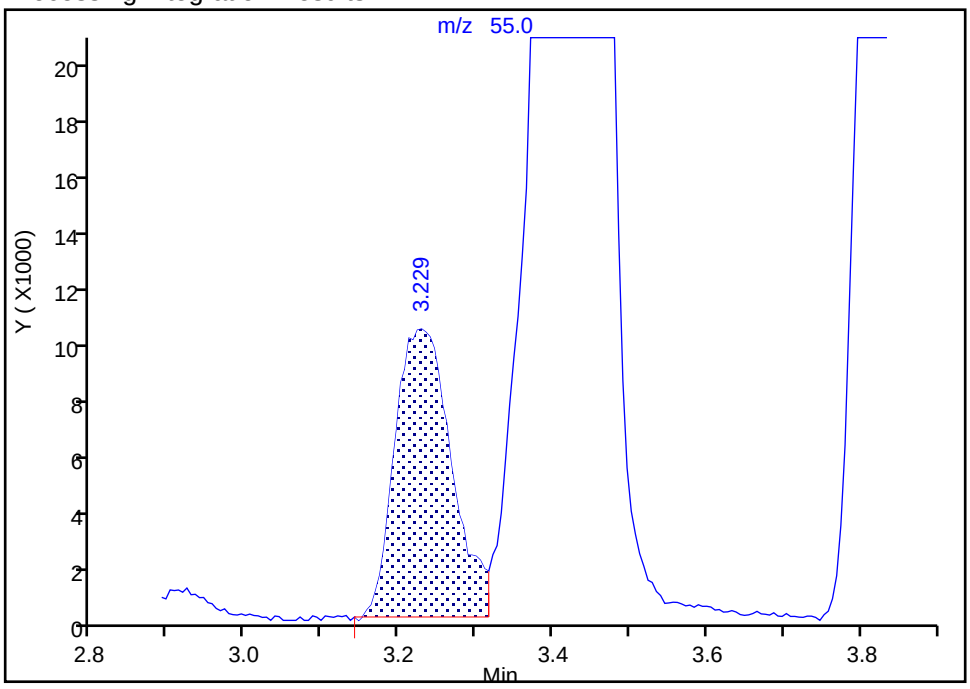
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

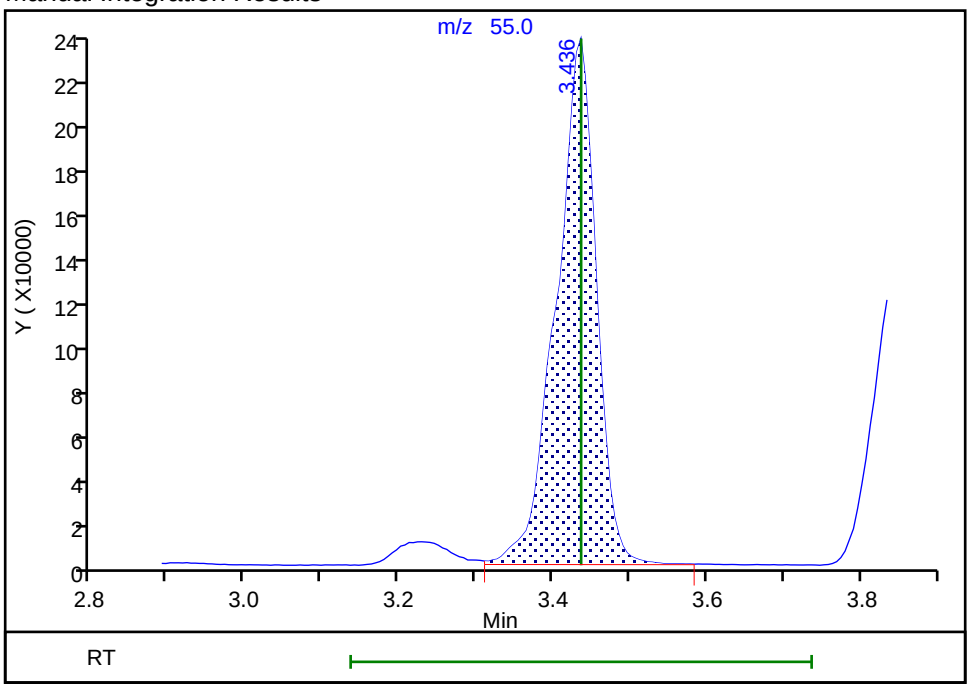
Processing Integration Results

RT: 3.23
Area: 52034
Amount: 18.145635
Amount Units: ug/l



Manual Integration Results

RT: 3.44
Area: 831846
Amount: 204.9547
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:19
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

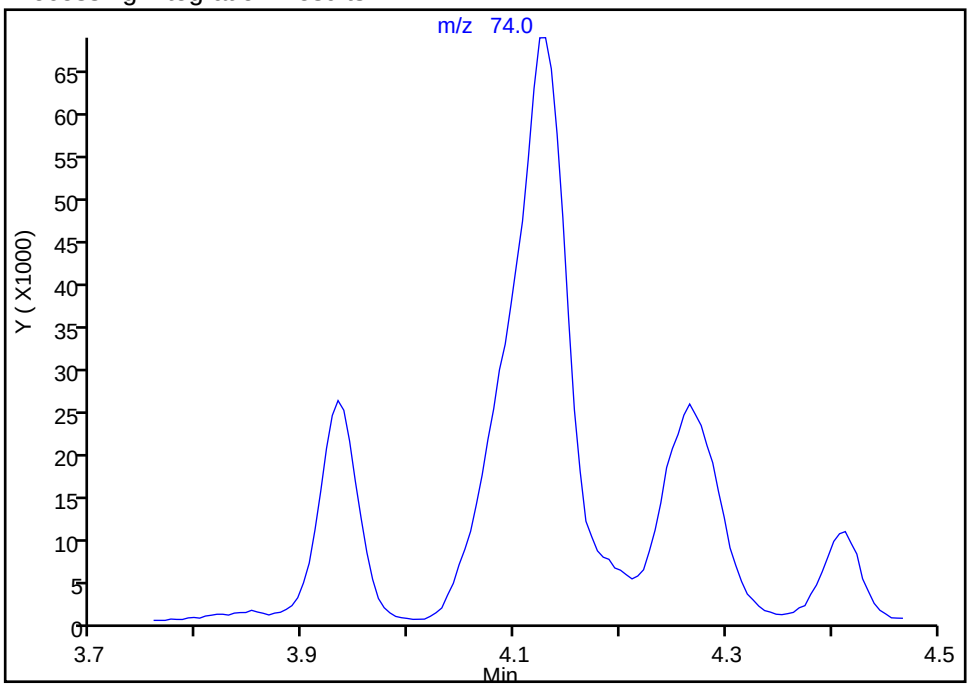
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

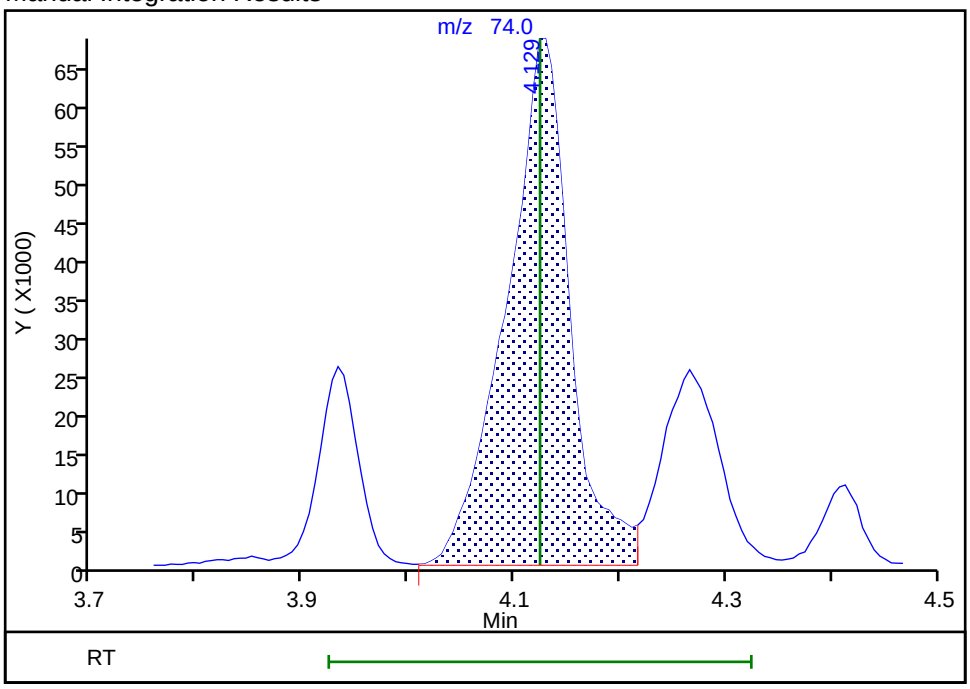
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.13
Area: 284373
Amount: 5175.8843
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:29
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

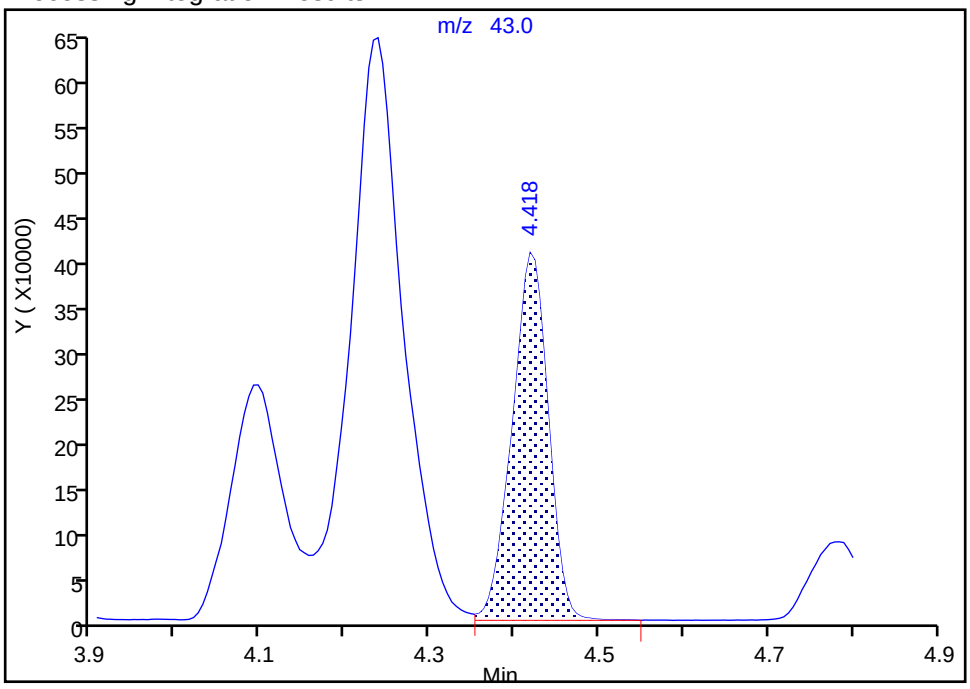
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

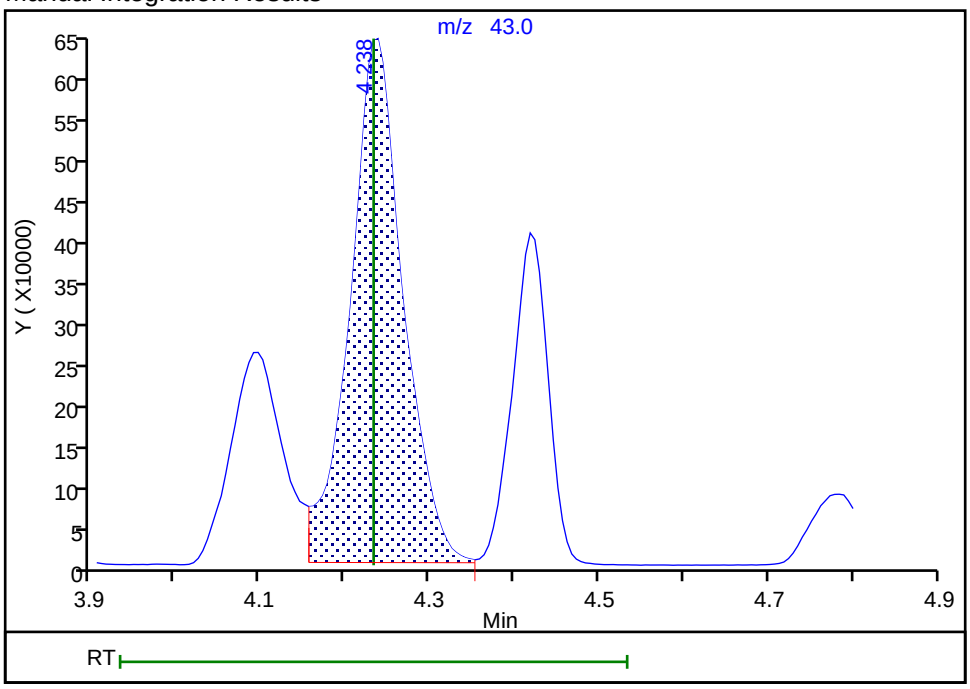
Processing Integration Results

RT: 4.42
Area: 1206128
Amount: 94.036772
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 2803236
Amount: 184.7980
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:36
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

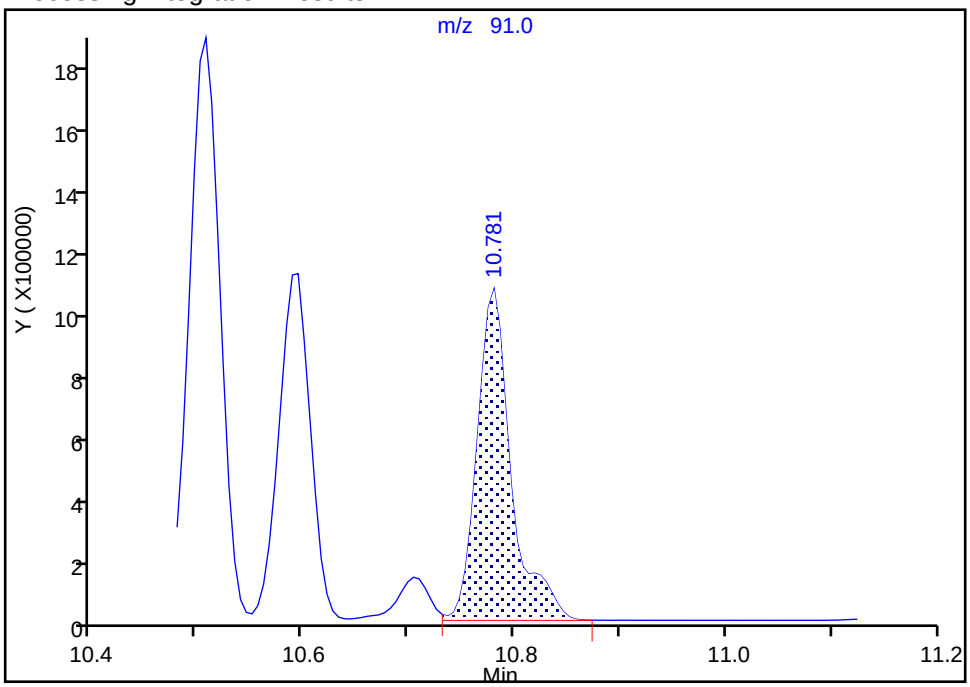
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

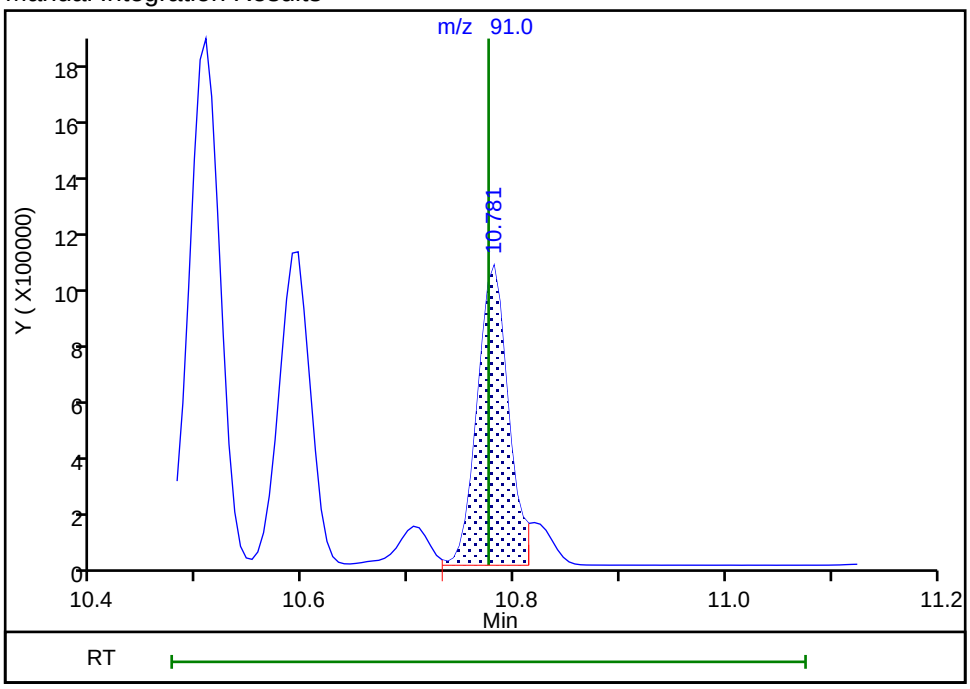
Processing Integration Results

RT: 10.78
Area: 2340658
Amount: 224.7513
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 2143148
Amount: 212.2495
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:53:02
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

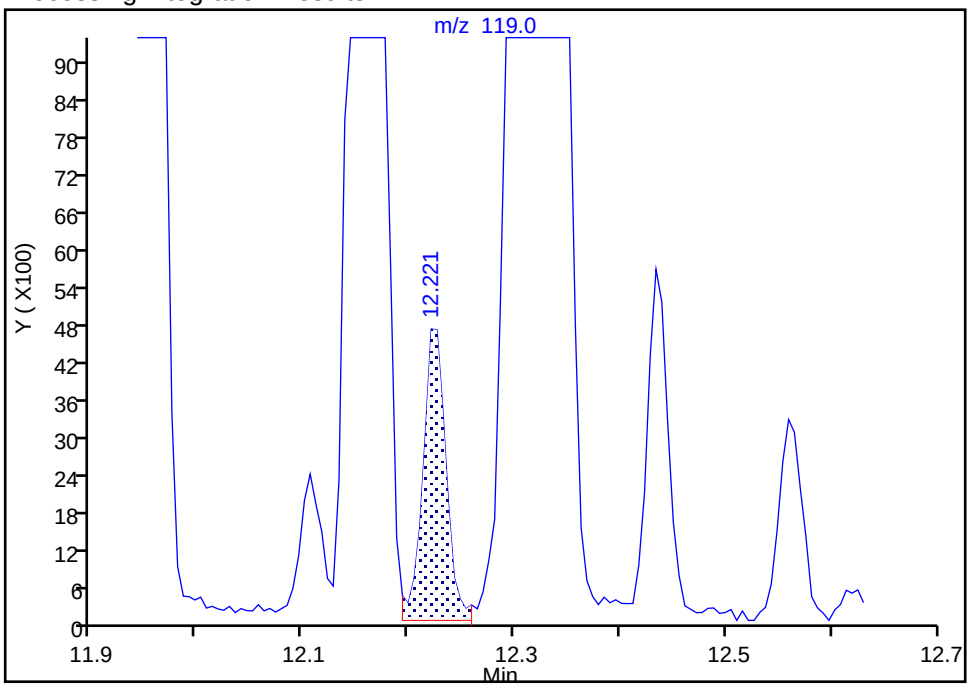
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

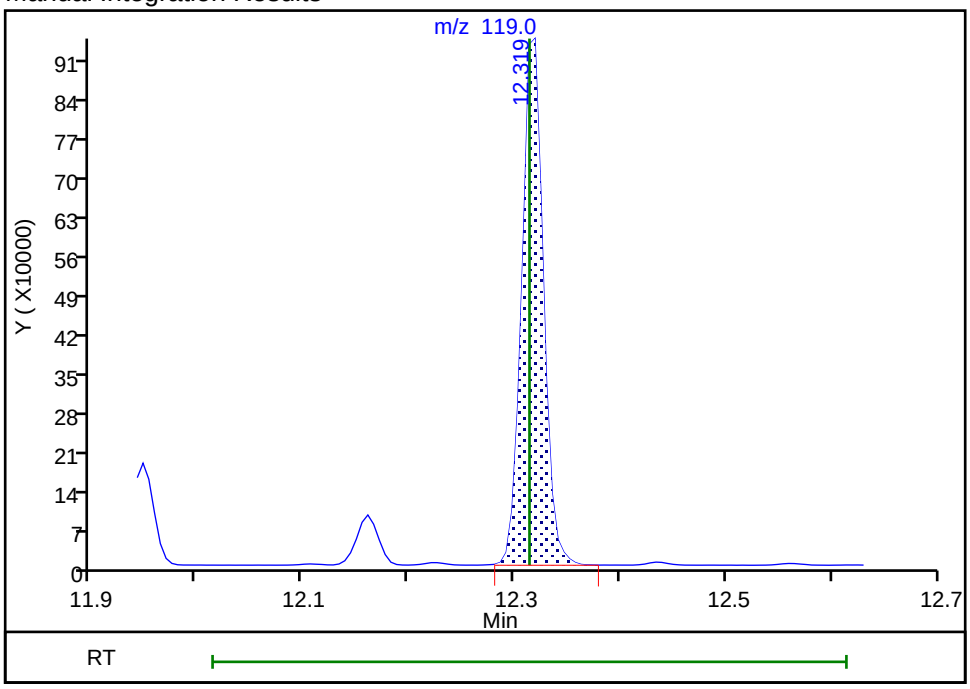
Processing Integration Results

RT: 12.22
Area: 7185
Amount: 1.529021
Amount Units: ug/l



Manual Integration Results

RT: 12.32
Area: 1350479
Amount: 195.5907
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:53:15
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

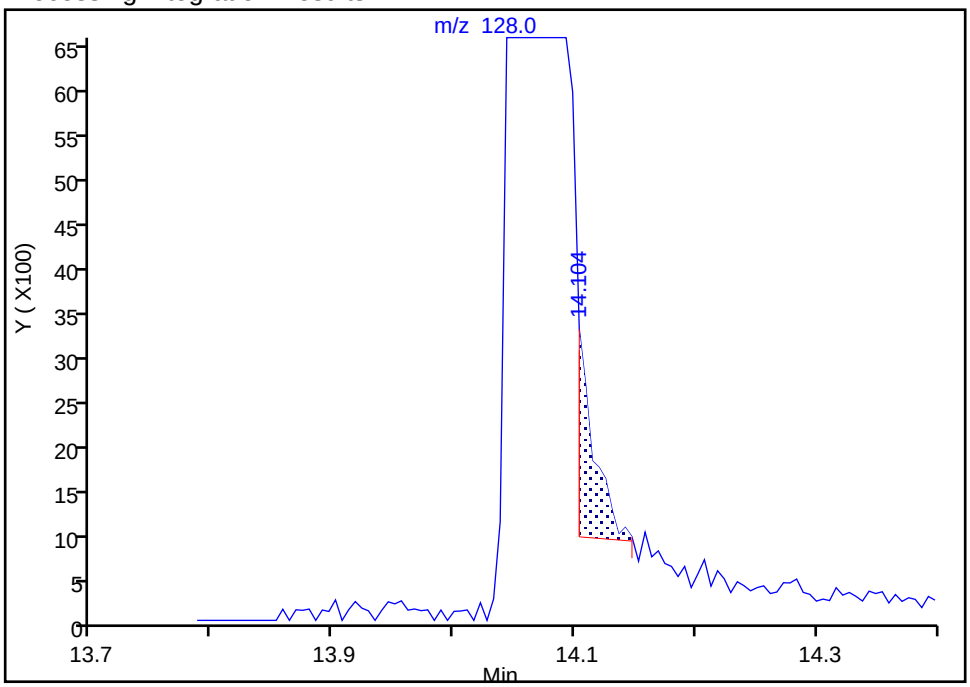
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Signal: 1

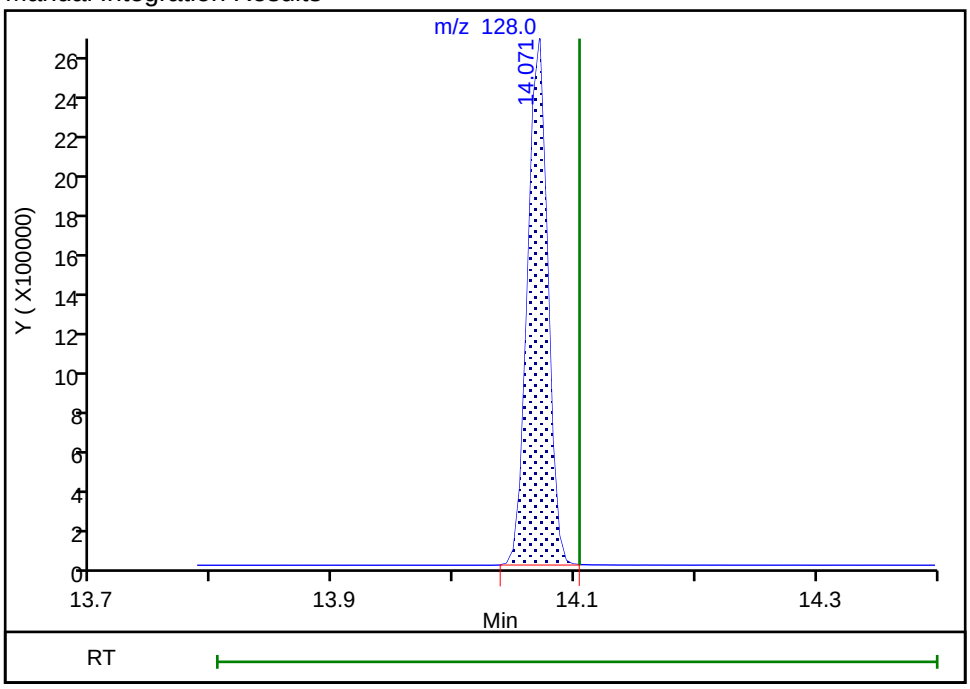
Processing Integration Results

RT: 14.10
Area: 2295
Amount: 0.194403
Amount Units: ug/l



Manual Integration Results

RT: 14.07
Area: 2998801
Amount: 200.2025
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:53:24
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-Aug-2020 22:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0115799-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:36:25 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:14:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.041	1.036	0.005	69	152825	500.0	437.5	a
3 1,1-Difluoroethane	65	1.074	1.074	0.000	97	1032361	500.0	456.3	
2 Chlorotrifluoroethene	116	1.107	1.112	-0.005	87	679407	500.0	463.3	
5 Chlorodifluoromethane	67	1.134	1.129	0.005	98	349060	500.0	463.3	
4 Dichlorodifluoromethane	85	1.129	1.134	-0.006	98	2811355	500.0	508.0	
6 Chloromethane	50	1.243	1.249	-0.006	99	3440771	500.0	441.8	
7 Butadiene	54	1.287	1.281	0.006	98	2127653	500.0	439.2	
8 Vinyl chloride	62	1.309	1.309	0.000	98	2379374	500.0	443.4	
9 Bromomethane	94	1.489	1.489	0.000	99	1538245	500.0	417.0	
10 Chloroethane	64	1.527	1.521	0.006	100	1079227	500.0	390.9	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	99	2671600	500.0	390.1	
13 Pentane	72	1.718	1.712	0.006	96	439705	1000.0	1080.3	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	100	2314488	500.0	446.9	
15 Ethyl ether	59	1.832	1.838	-0.006	97	1087590	500.0	388.5	
16 2-Methyl-1,3-butadiene	53	1.860	1.865	-0.005	90	1333125	500.0	402.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.876	1.871	0.005	92	1310408	500.0	460.4	
14 Ethanol	46	1.931	1.903	0.028	78	383714	20000	19456	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.914	1.914	0.000	94	2283043	500.0	455.9	a
19 Acrolein	56	1.931	1.931	0.000	74	238923	600.0	639.9	
21 1,1-Dichloroethene	96	2.018	2.007	0.011	98	1539832	500.0	473.8	
22 Acetone	43	2.034	2.034	0.000	87	2602662	2500.0	2151.5	
20 112TCTFE	101	2.045	2.040	0.005	98	1605894	500.0	486.8	
23 Iodomethane	142	2.122	2.116	0.006	98	3236012	500.0	463.9	
24 Isopropyl alcohol	45	2.165	2.171	-0.006	94	1764711	5000.0	4990.7	
25 Carbon disulfide	76	2.182	2.171	0.011	99	6676392	500.0	460.7	M
26 3-Chloro-1-propene	39	2.242	2.242	0.000	85	2223989	500.0	429.9	a
27 Methyl acetate	43	2.253	2.258	-0.005	100	2473062	1000.0	1114.3	
29 Acetonitrile	41	2.285	2.285	0.000	89	1595069	5000.0	6101.4	M
28 Cyclopentene	67	2.307	2.307	0.000	93	4092432	500.0	435.8	
31 Methylene Chloride	84	2.340	2.340	0.000	94	1896286	500.0	387.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.422	2.405	0.017	89	297766	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.471	2.476	-0.005	91	2281954	5000.0	5186.5	a
35 Acrylonitrile	53	2.509	2.509	0.000	94	5897920	5000.0	3989.9	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	97	1612334	500.0	438.1	
33 Methyl tert-butyl ether	73	2.558	2.547	0.011	97	4135550	500.0	419.3	
36 Hexane	43	2.733	2.738	-0.005	93	1459640	500.0	431.7	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	100	3134579	500.0	435.4	
39 Vinyl acetate	86	2.885	2.891	-0.006	100	612200	1000.0	997.9	
37 Isopropyl ether	45	2.924	2.918	0.006	87	5444879	500.0	413.3	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	91	1553376	500.0	460.6	
41 Tert-butyl ethyl ether	59	3.229	3.213	0.016	88	5131589	500.0	436.7	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	87	284327	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	96	1918192	500.0	437.3	
43 2,2-Dichloropropane	79	3.349	3.338	0.011	91	764665	500.0	423.5	
46 2-Butanone (MEK)	72	3.344	3.349	-0.005	96	1019869	2500.0	2412.0	
45 Ethyl acetate	70	3.404	3.366	0.038	99	374217	1000.0	1022.3	
48 Propionitrile	54	3.404	3.398	0.006	98	2671887	5000.0	5617.2	a
47 Methyl acrylate	55	3.431	3.437	-0.006	100	1934171	500.0	499.3	a
51 Methacrylonitrile	67	3.535	3.524	0.011	93	6621989	5000.0	4494.7	
50 Chlorobromomethane	128	3.540	3.535	0.005	83	908789	500.0	432.6	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	95	454085	1000.0	968.0	
52 Chloroform	83	3.611	3.611	0.000	99	2927158	500.0	427.5	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	97	174678	50.0	46.9	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	98	2543577	500.0	463.8	
53 Cyclohexane	84	3.846	3.840	0.006	92	2630482	500.0	477.0	
57 1,1-Dichloropropene	75	3.928	3.928	0.000	97	2298345	500.0	454.4	
56 Carbon tetrachloride	117	3.944	3.944	0.000	99	2237472	500.0	478.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	185713	50.0	48.4	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	627652	12500	12475	a
60 Benzene	78	4.124	4.130	-0.006	96	6971922	500.0	416.2	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	97	2221190	500.0	457.3	
59 Isooctane	57	4.233	4.217	0.016	93	6639545	500.0	463.0	
62 Isopropyl acetate	43	4.233	4.233	0.000	93	6282086	500.0	442.7	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	90	1436687	500.0	455.7	
* 66 Fluorobenzene	96	4.408	4.408	0.000	99	546911	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	93	1384744	500.0	200.9	
68 n-Butanol	56	4.779	4.757	0.022	89	1736277	12500	12486	
69 Trichloroethene	95	4.790	4.790	0.000	99	1762530	500.0	504.1	
70 Ethyl acrylate	56	4.943	4.921	0.021	98	282080	500.0	522.4	
71 Methylcyclohexane	83	5.013	5.008	0.005	96	3112363	500.0	478.3	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	91	1794349	500.0	477.4	
77 Dibromomethane	93	5.161	5.161	0.000	96	1085415	500.0	494.2	
* 73 1,4-Dioxane-d8	96	5.161	5.166	-0.005	28	42900	1000.0	1000.0	
74 Methyl methacrylate	69	5.199	5.183	0.016	90	2163159	1000.0	1092.0	
75 1,4-Dioxane	88	5.221	5.248	-0.027	89	478874	10000	7930.4	
76 n-Propyl acetate	43	5.281	5.264	0.017	99	2221157	500.0	486.7	
78 Dichlorobromomethane	83	5.352	5.352	0.000	100	2356729	500.0	513.4	
79 2-Nitropropane	41	5.625	5.614	0.011	97	837662	1000.0	1078.2	
67 2-Chloroethyl vinyl ether	63	5.739	5.723	0.016	94	416428	501.2	695.7	
80 Epichlorohydrin	57	5.799	5.777	0.022	100	3366482	10000	11299	
81 cis-1,3-Dichloropropene	75	5.897	5.881	0.016	93	2814711	500.0	512.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.116	0.005	97	7936275	2500.0	2408.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.219	0.006	100	649814	50.0	49.3	
84 Toluene	91	6.312	6.301	0.011	94	6796307	500.0	459.5	
85 trans-1,3-Dichloropropene	75	6.618	6.607	0.011	97	2285194	500.0	511.7	
86 Ethyl methacrylate	69	6.792	6.781	0.011	90	1895784	500.0	461.8	
87 1,1,2-Trichloroethane	83	6.852	6.841	0.011	96	1151664	500.0	472.9	
88 Tetrachloroethene	166	7.027	7.021	0.006	99	1690250	500.0	493.6	
89 1,3-Dichloropropane	76	7.071	7.060	0.010	95	2277057	500.0	491.5	
90 2-Hexanone	43	7.240	7.234	0.006	96	4710964	2500.0	2482.0	
92 Chlorodibromomethane	129	7.376	7.365	0.011	98	1656941	500.0	499.5	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	2197187	500.0	413.8	
93 Ethylene Dibromide	107	7.507	7.496	0.011	98	1366331	500.0	491.2	
* 94 Chlorobenzene-d5	117	8.195	8.195	-0.001	84	417352	50.0	50.0	
95 Chlorobenzene	112	8.238	8.233	0.005	94	4311107	500.0	482.4	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.380	0.005	96	1831611	500.0	452.8	
96 Ethylbenzene	106	8.440	8.435	0.005	98	2284337	500.0	462.1	
98 m-Xylene & p-Xylene	106	8.631	8.620	0.011	0	2804444	500.0	452.9	
100 o-Xylene	106	9.231	9.220	0.011	94	2905872	500.0	439.8	
101 Styrene	104	9.253	9.248	0.005	95	4340231	500.0	452.9	
99 n-Butyl acrylate	73	9.286	9.286	0.000	97	1044817	500.0	405.9	
103 Bromoform	173	9.493	9.488	0.005	98	1090074	500.0	483.8	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	90	2386801	500.0	429.6	
104 Isopropylbenzene	105	9.837	9.831	0.006	96	7623599	500.0	448.9	
$ 105 4-Bromofluorobenzene	174	10.044	10.039	0.005	93	187250	50.0	47.5	
106 Bromobenzene	156	10.246	10.235	0.011	96	1806153	500.0	519.7	
107 1,1,2,2-Tetrachloroethane	83	10.350	10.339	0.011	99	1935607	500.0	487.0	
109 1,2,3-Trichloropropane	110	10.377	10.372	0.005	99	464090	500.0	478.4	
110 trans-1,4-Dichloro-2-butene	53	10.448	10.437	0.011	93	395801	500.0	453.3	
108 N-Propylbenzene	91	10.513	10.503	0.010	99	8542493	500.0	500.3	
111 2-Chlorotoluene	91	10.601	10.590	0.011	97	5210078	500.0	498.0	
112 4-Ethyltoluene	105	10.710	10.699	0.011	99	6519454	500.0	486.9	
114 4-Chlorotoluene	91	10.786	10.775	0.011	96	5022694	500.0	500.4	M
113 1,3,5-Trimethylbenzene	105	10.830	10.819	0.011	92	6669817	500.0	517.4	
115 Butyl Methacrylate	87	11.092	11.081	0.011	91	2055208	500.0	502.6	
116 tert-Butylbenzene	119	11.332	11.321	0.011	94	5725196	500.0	499.6	
117 1,2,4-Trimethylbenzene	105	11.403	11.397	0.006	98	6504772	500.0	493.4	
118 sec-Butylbenzene	105	11.643	11.637	0.006	99	8477037	500.0	524.4	
120 1,3-Dichlorobenzene	146	11.736	11.725	0.011	96	3143955	500.0	485.9	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	95	202092	50.0	50.0	
119 4-Isopropyltoluene	119	11.861	11.850	0.011	98	7012266	500.0	513.9	
122 1,4-Dichlorobenzene	146	11.856	11.850	0.006	94	2988020	500.0	465.4	
123 1,2,3-Trimethylbenzene	105	11.954	11.943	0.011	98	6662221	500.0	486.7	
124 Benzyl chloride	91	12.041	12.036	0.005	99	2811493	500.0	497.5	
125 2,3-Dihydroindene	117	12.167	12.161	0.006	95	5849445	500.0	465.5	
128 1,2-Dichlorobenzene	146	12.292	12.287	0.005	97	3347102	500.0	475.2	
126 p-Diethylbenzene	119	12.320	12.314	0.006	92	3253558	500.0	474.0	a
127 n-Butylbenzene	92	12.347	12.341	0.006	98	3346572	500.0	472.5	
130 1,2-Dibromo-3-Chloropropane	157	13.111	13.122	-0.011	96	459014	500.0	495.3	
129 1,2,4,5-Tetramethylbenzene	119	13.122	13.127	-0.005	97	6835478	500.0	491.6	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	98	2872530	500.0	480.3	
132 1,2,4-Trichlorobenzene	180	13.869	13.896	-0.027	94	3012009	500.0	490.3	
133 Hexachlorobutadiene	225	14.038	14.071	-0.033	97	1782959	500.0	578.9	
134 Naphthalene	128	14.071	14.104	-0.033	99	7301152	500.0	491.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.278	14.317	-0.039	96	3237545	500.0	489.4	a
S 136 1,2-Dichloroethene, Total	100				0		1000.0	875.3	
S 137 Xylenes, Total	100				0		1000.0	892.7	
S 139 Total BTEX	1				0		2500.0	2230.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00102	Amount Added:	5.00	Units: uL	
Ethanol mix_00043	Amount Added:	5.00	Units: uL	
MIX I Hi_00129	Amount Added:	5.00	Units: uL	
ACROLEIN W_00111	Amount Added:	6.00	Units: uL	
8FreonHi_00022	Amount Added:	5.00	Units: uL	
GAS Hi_00369	Amount Added:	5.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Aug-2020 15:36:29 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9 Operator ID:

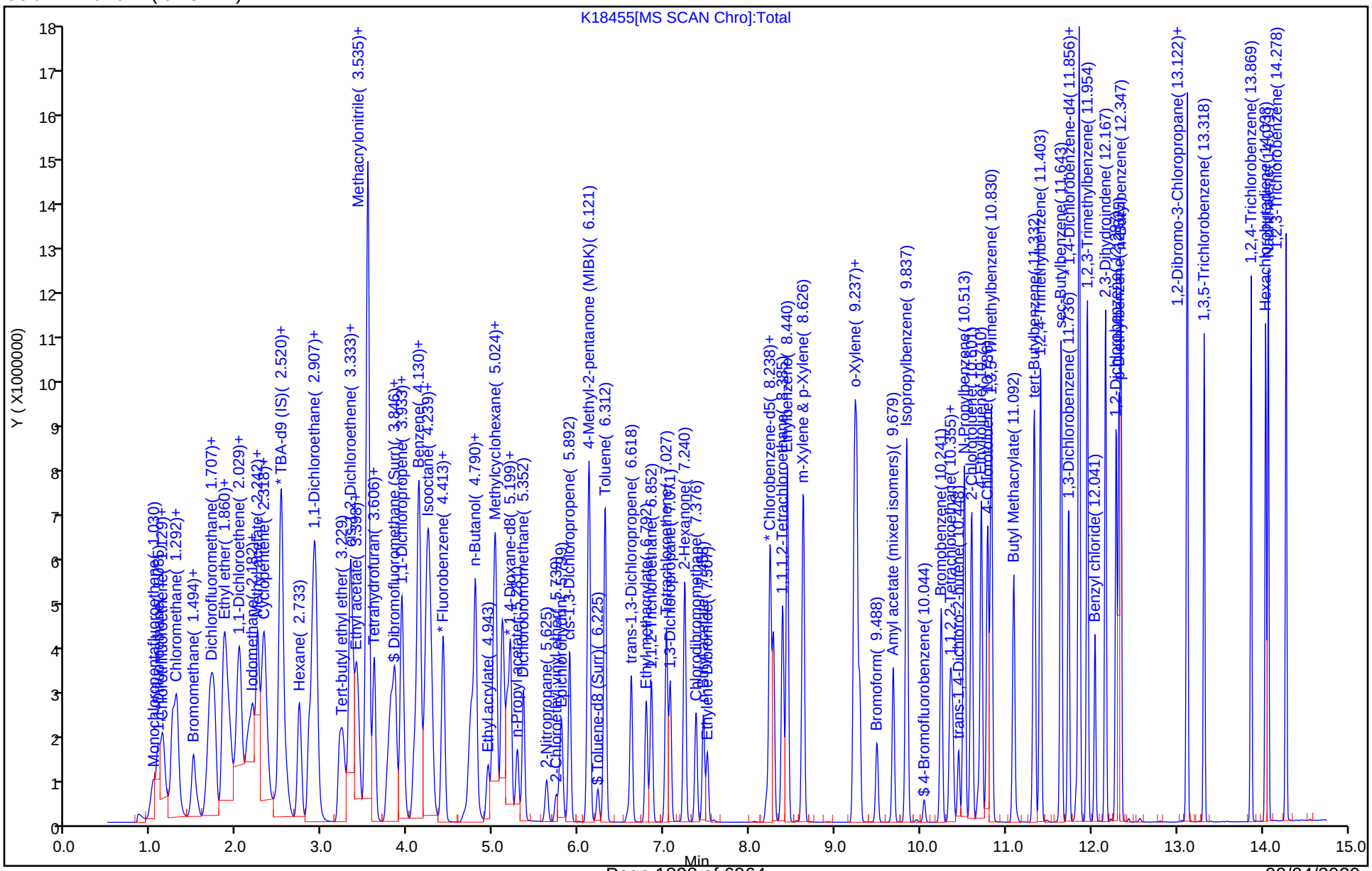
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

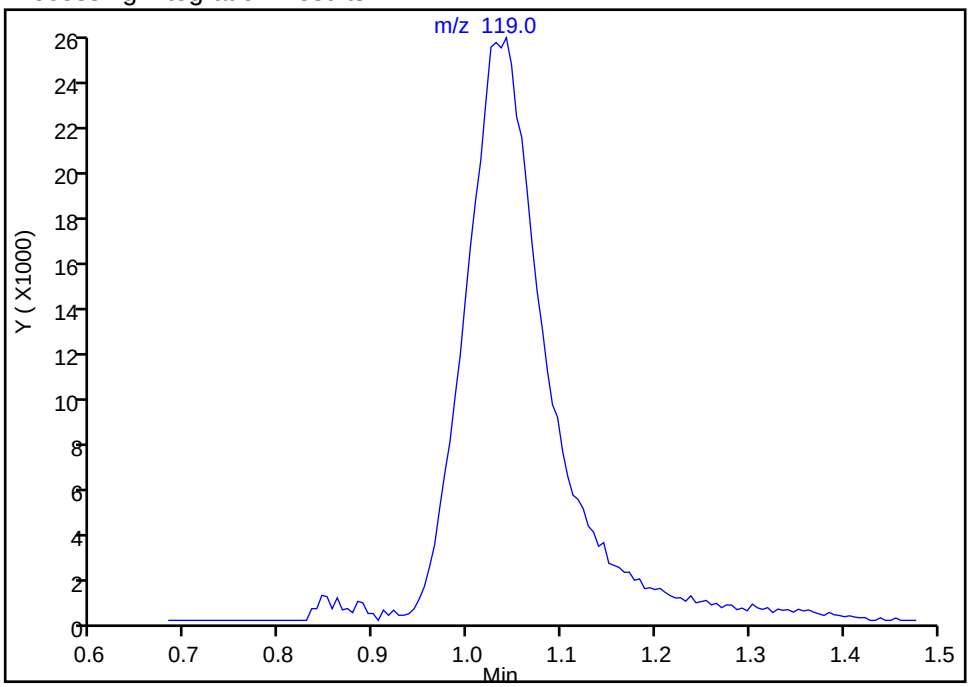
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

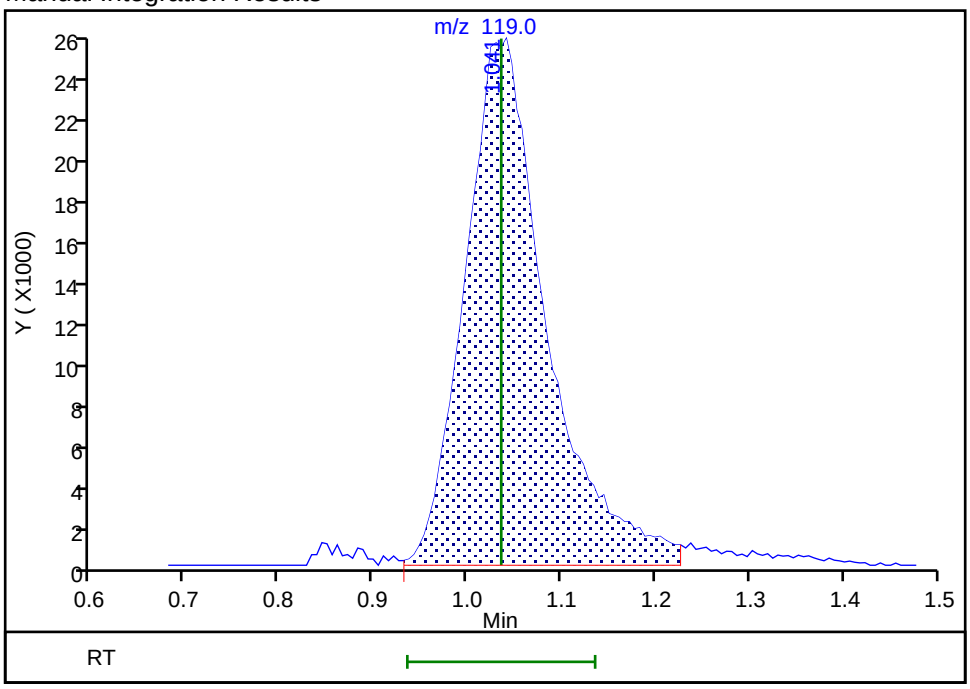
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.04
Area: 152825
Amount: 437.5455
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

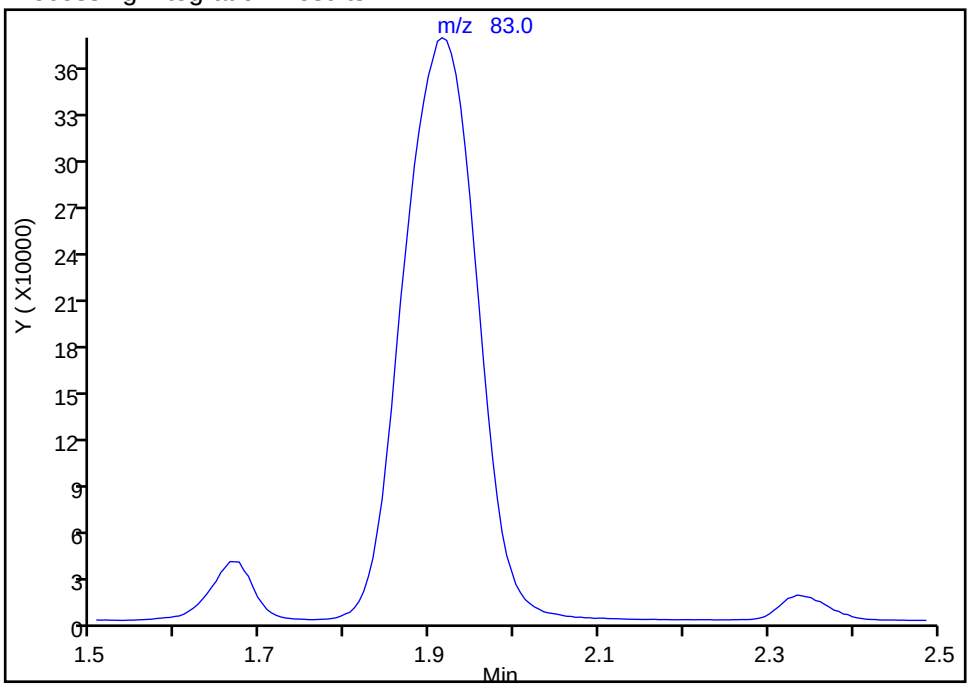
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

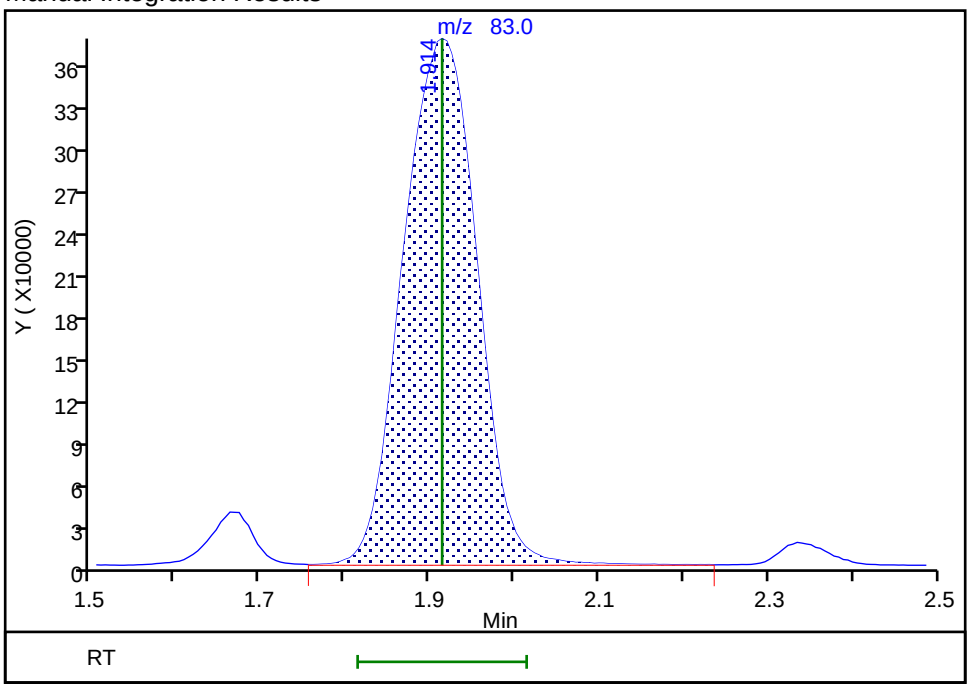
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 2283043
Amount: 455.8789
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

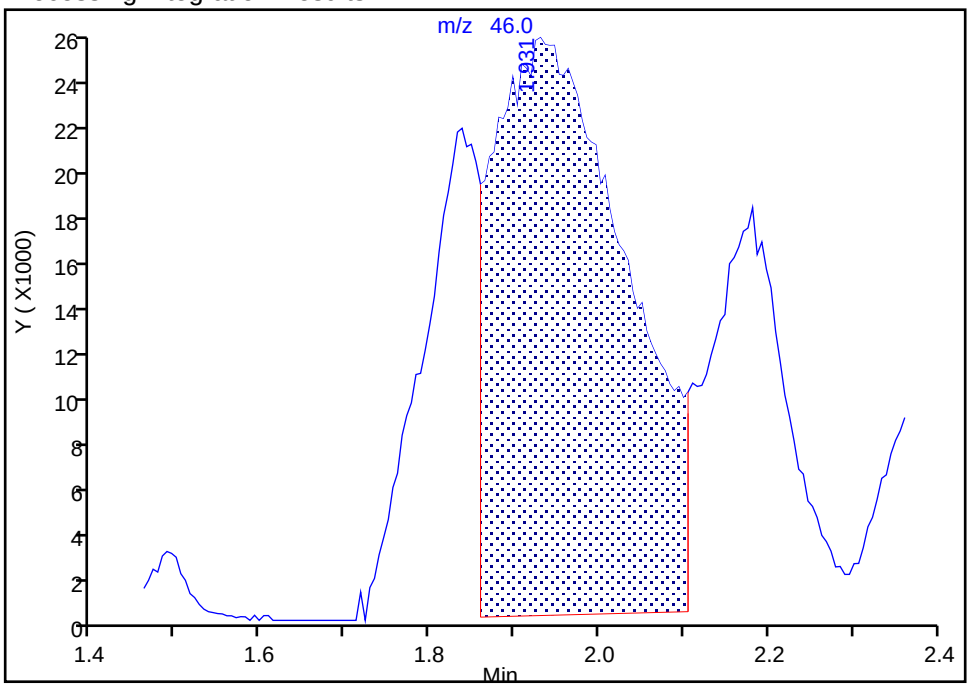
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

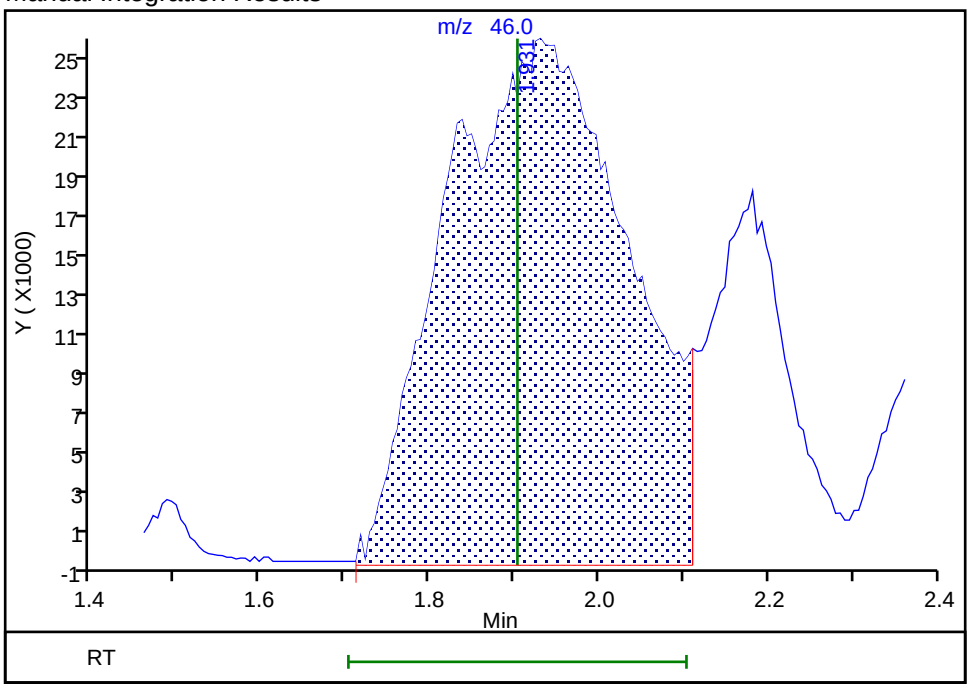
Processing Integration Results

RT: 1.93
Area: 277165
Amount: 14650
Amount Units: ug/l



Manual Integration Results

RT: 1.93
Area: 383714
Amount: 19456
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

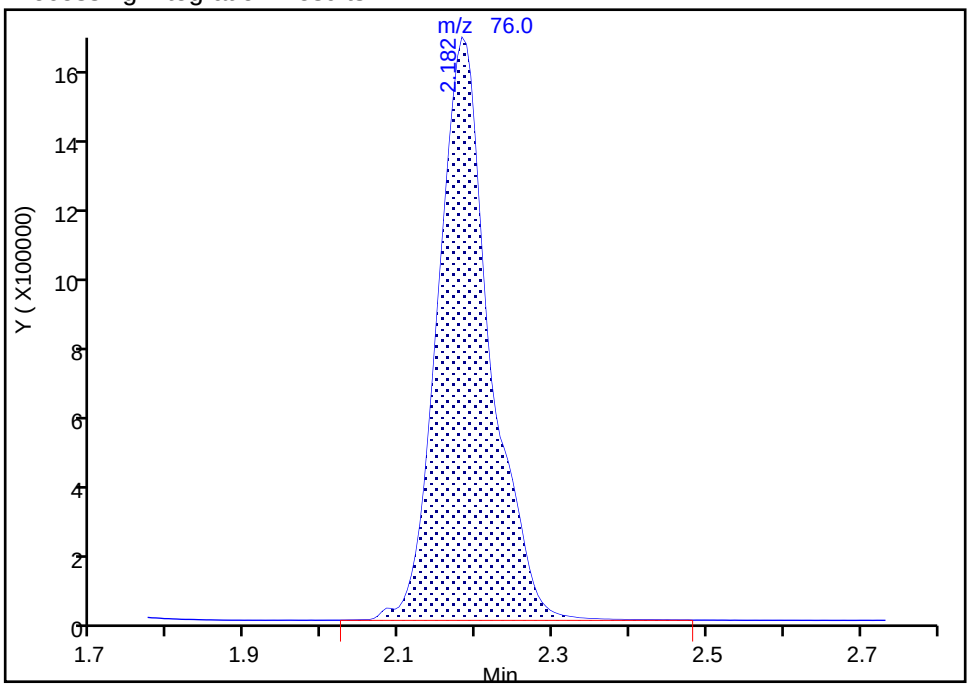
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

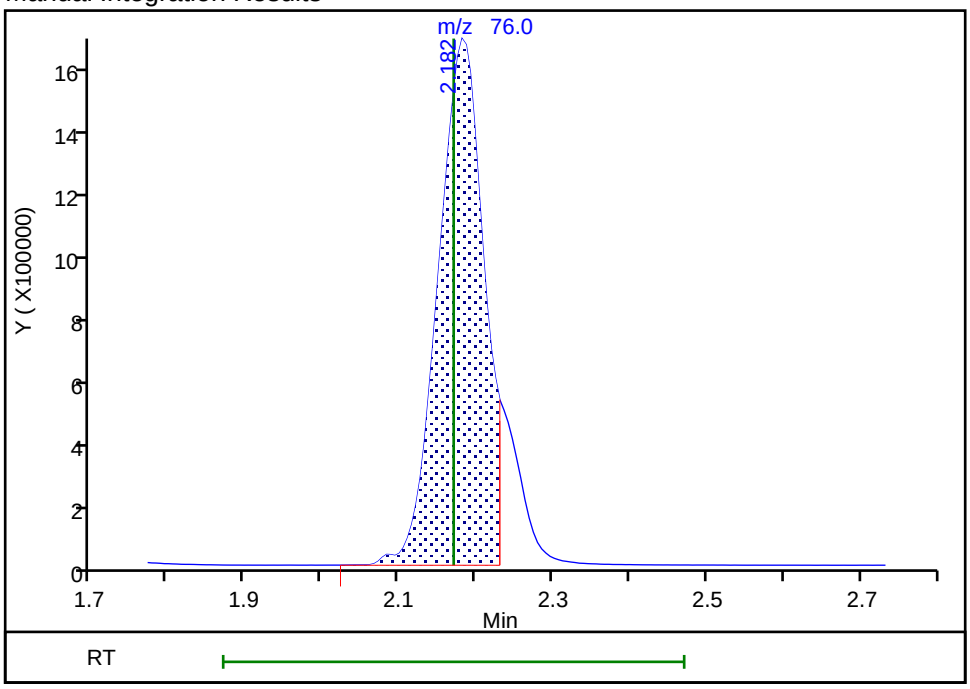
Processing Integration Results

RT: 2.18
Area: 7544274
Amount: 510.3665
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 6676392
Amount: 460.6703
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:55:31
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

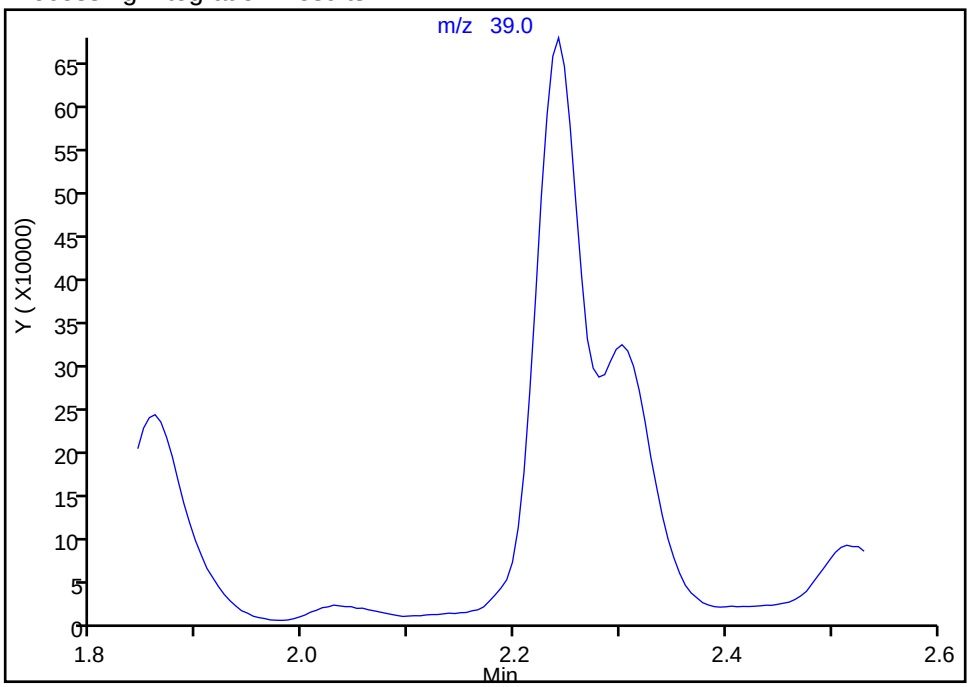
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

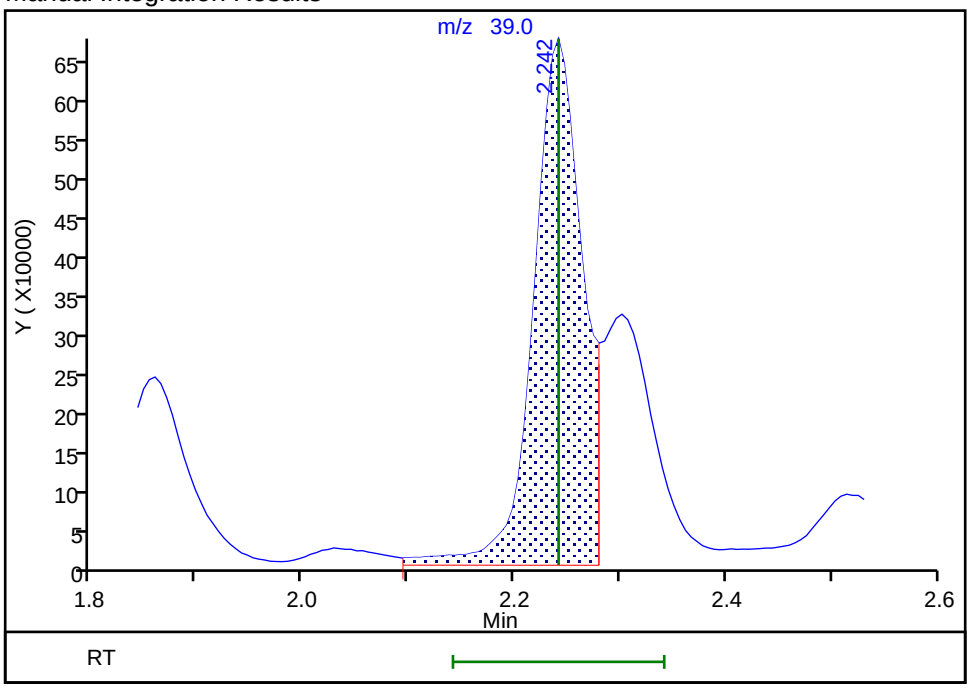
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 2223989
Amount: 429.8783
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:55:38
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

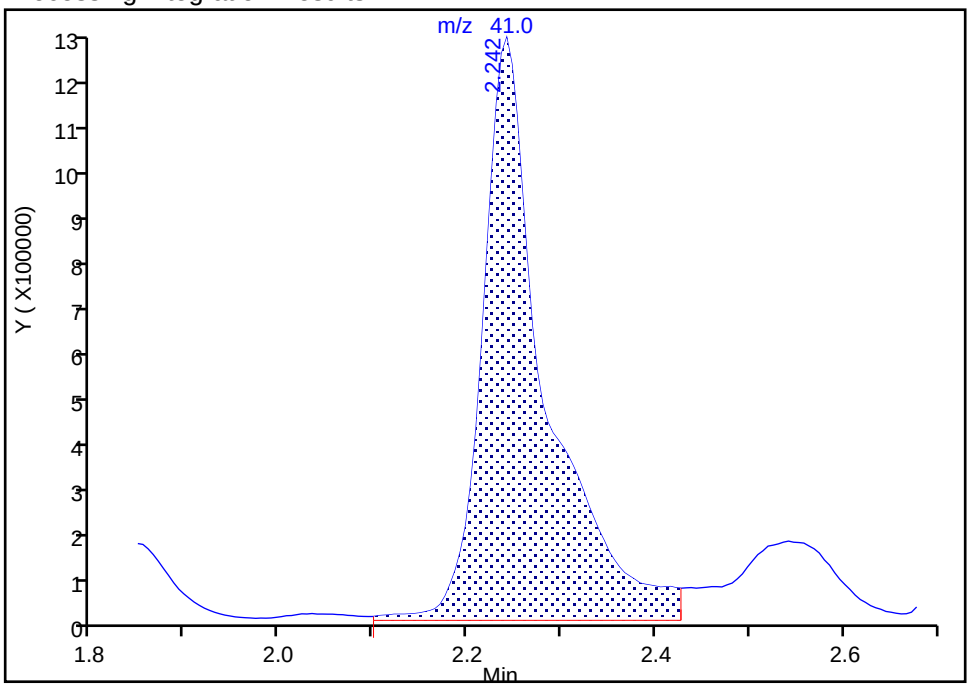
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

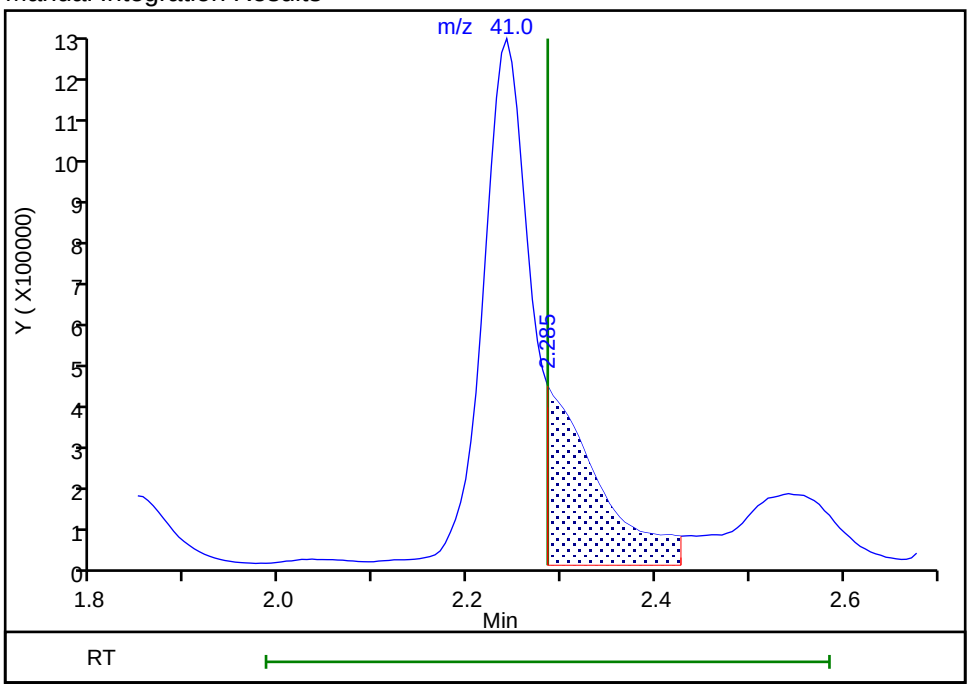
Processing Integration Results

RT: 2.24
Area: 5725505
Amount: 5003.7173
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 1595069
Amount: 6101.3949
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:55:50
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

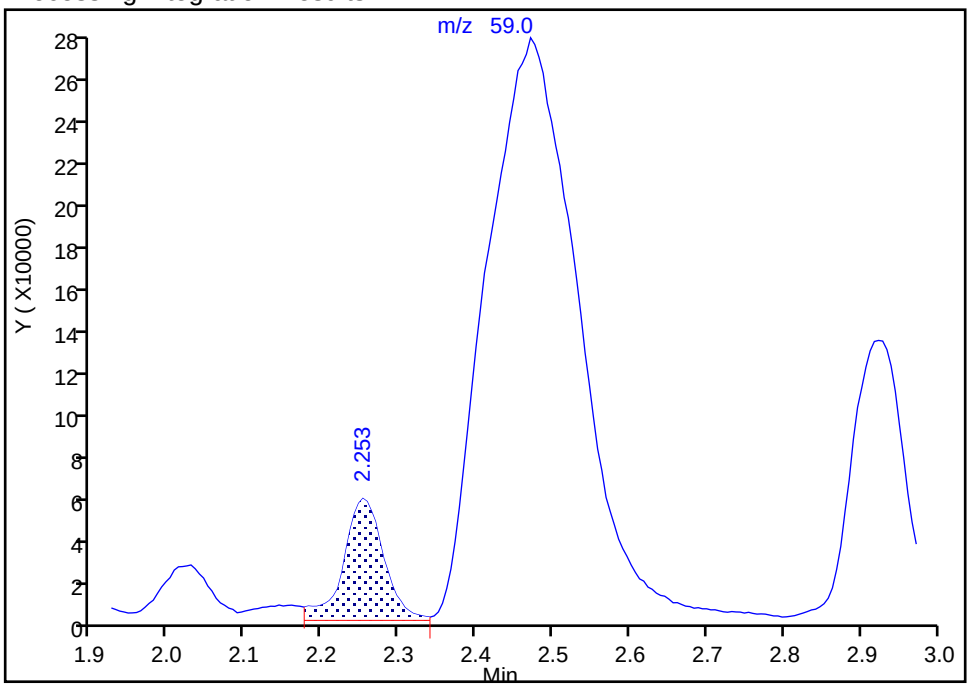
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

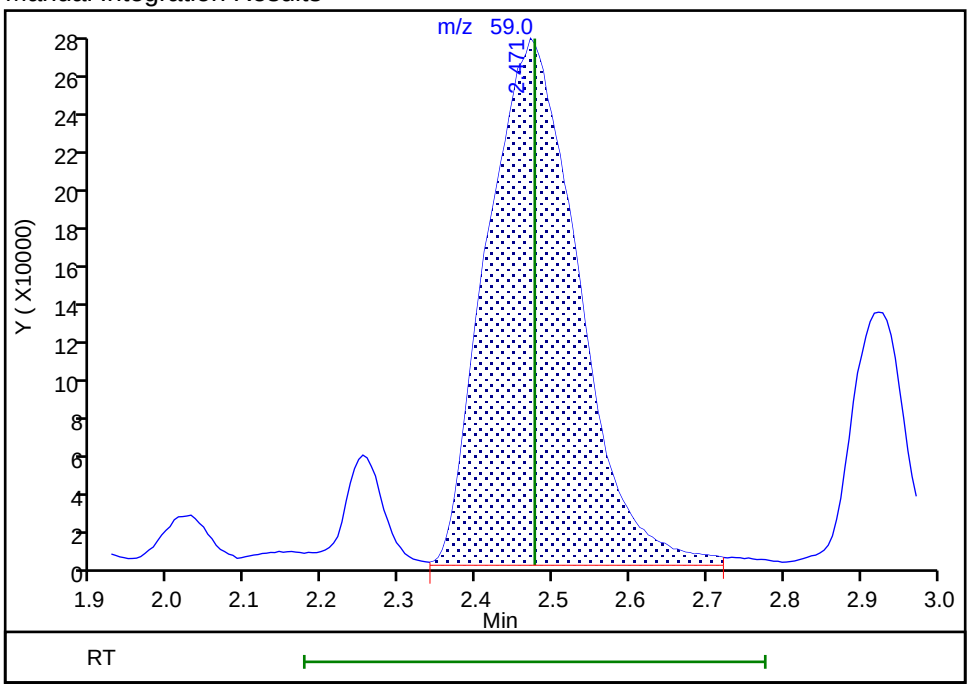
Processing Integration Results

RT: 2.25
Area: 210567
Amount: 564.7320
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 2281954
Amount: 5186.5312
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

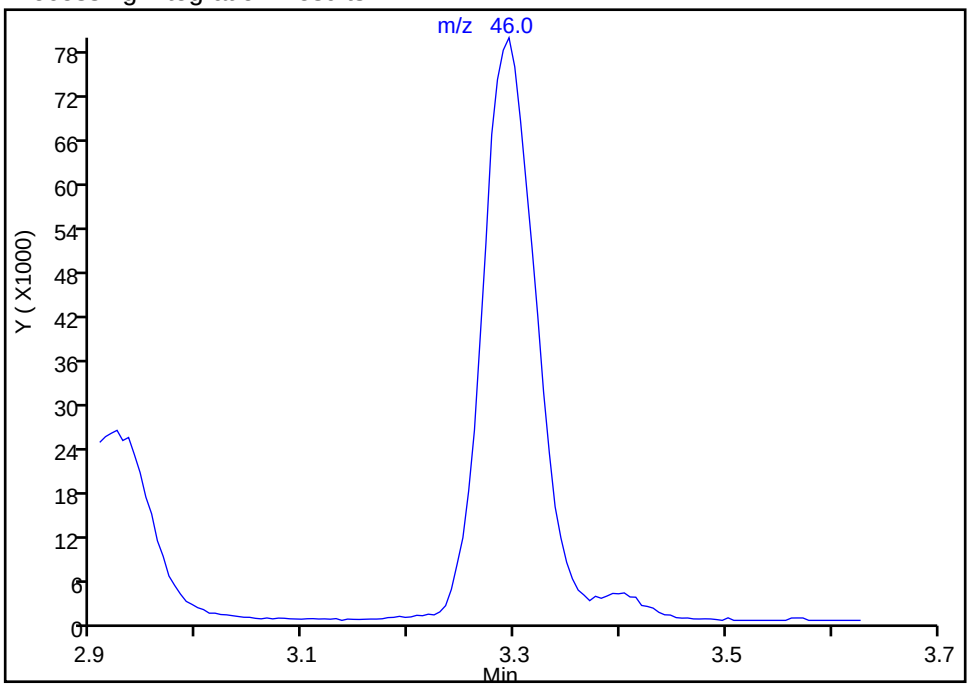
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

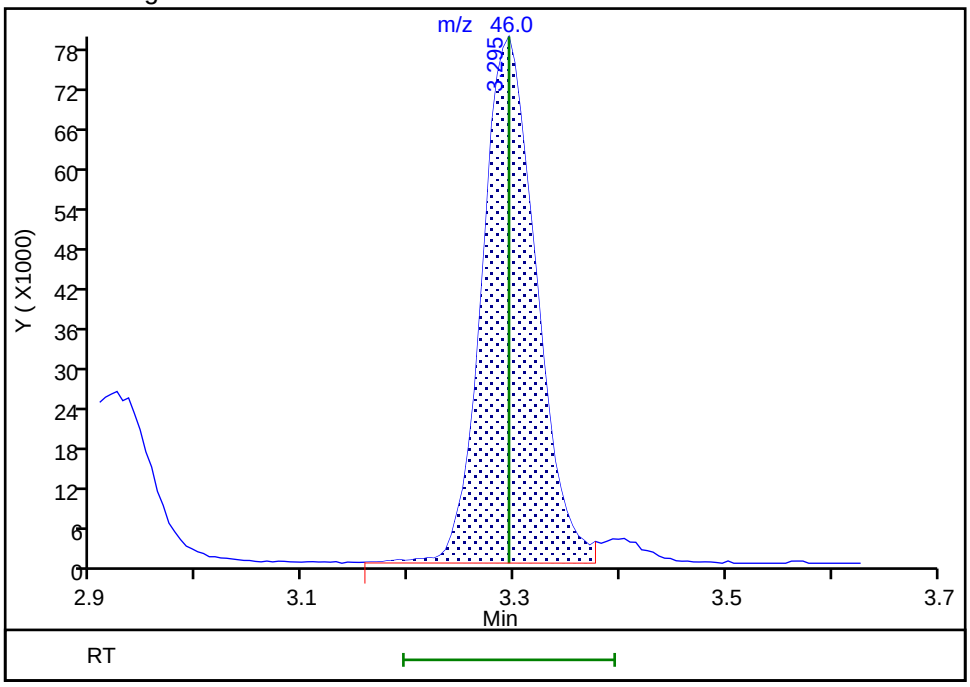
Not Detected
Expected RT: 3.29

Processing Integration Results



Manual Integration Results

RT: 3.29
Area: 284327
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

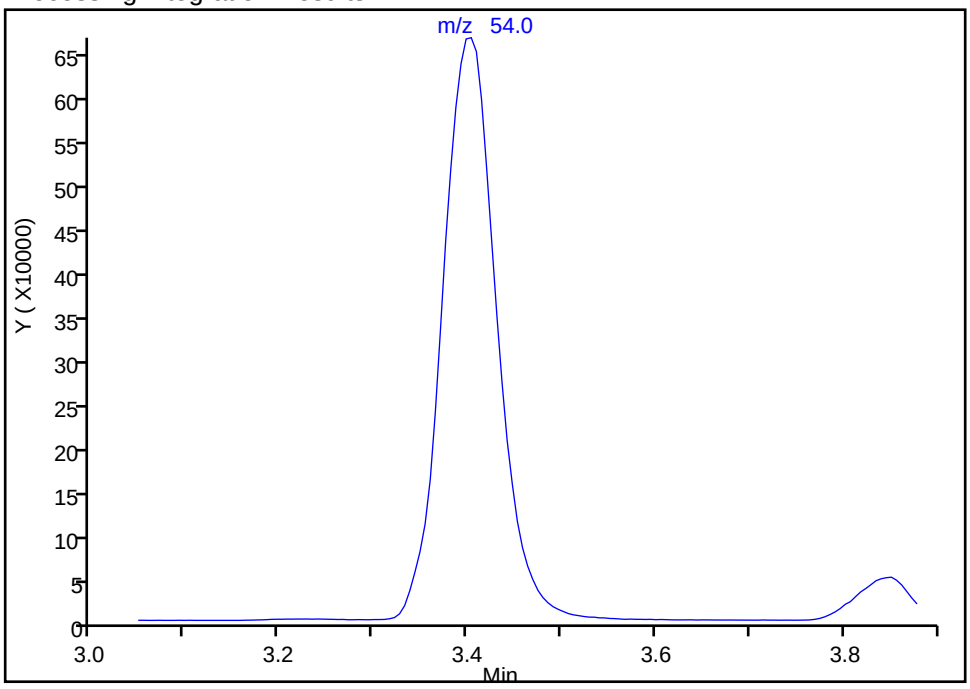
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

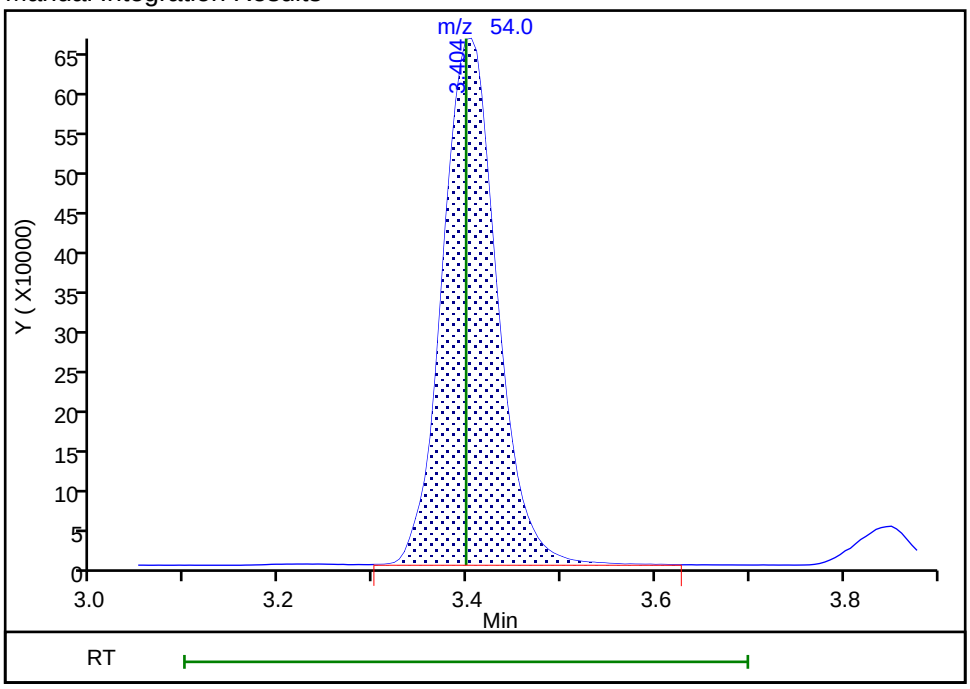
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 2671887
Amount: 5617.2330
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

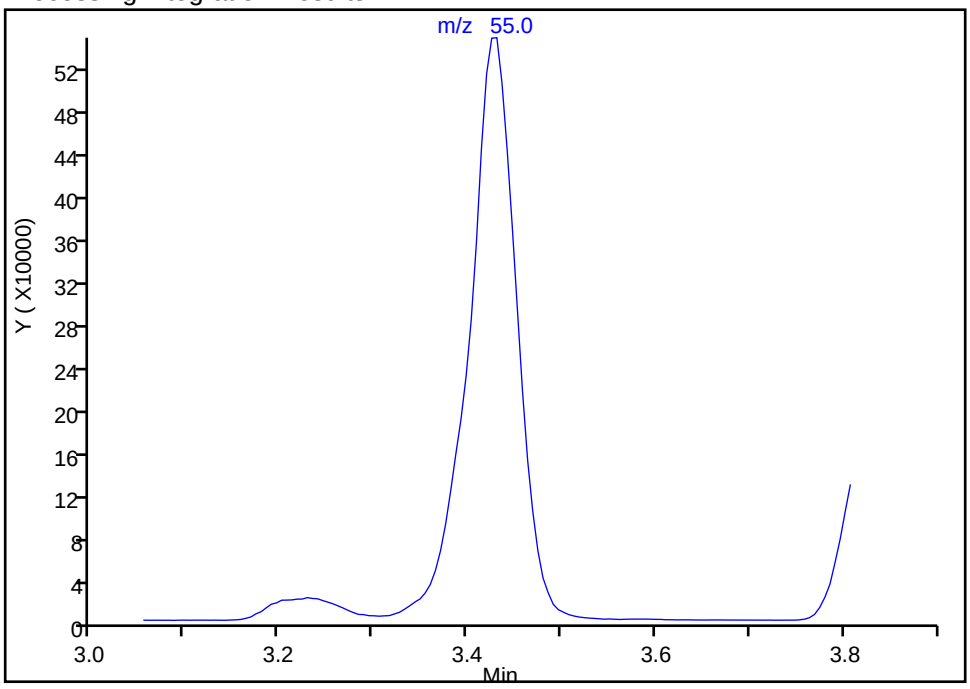
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

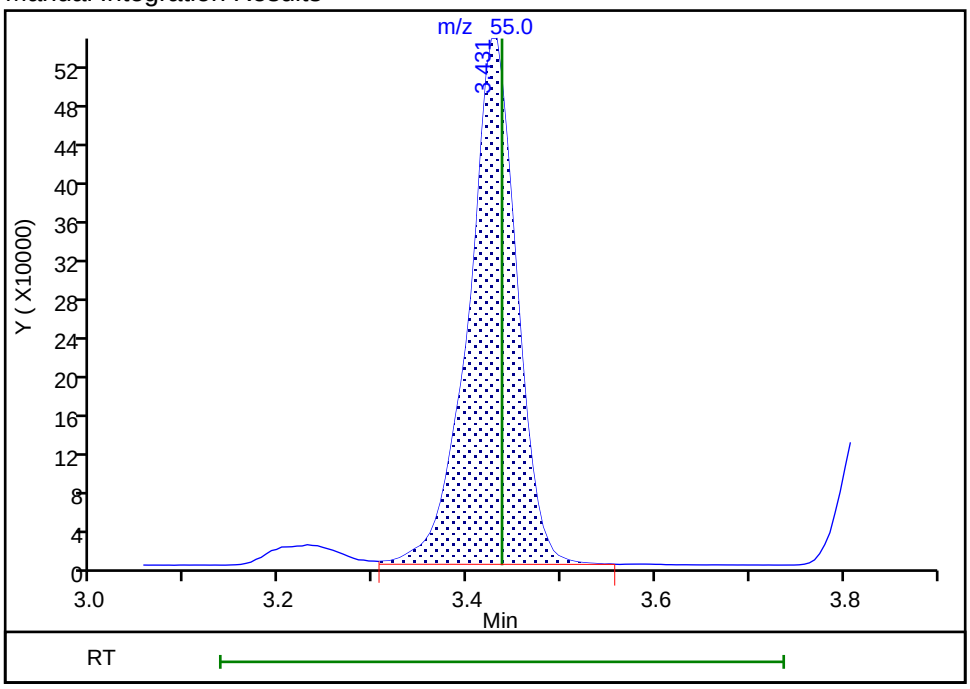
Processing Integration Results

Not Detected
Expected RT: 3.44



Manual Integration Results

RT: 3.43
Area: 1934171
Amount: 499.3496
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

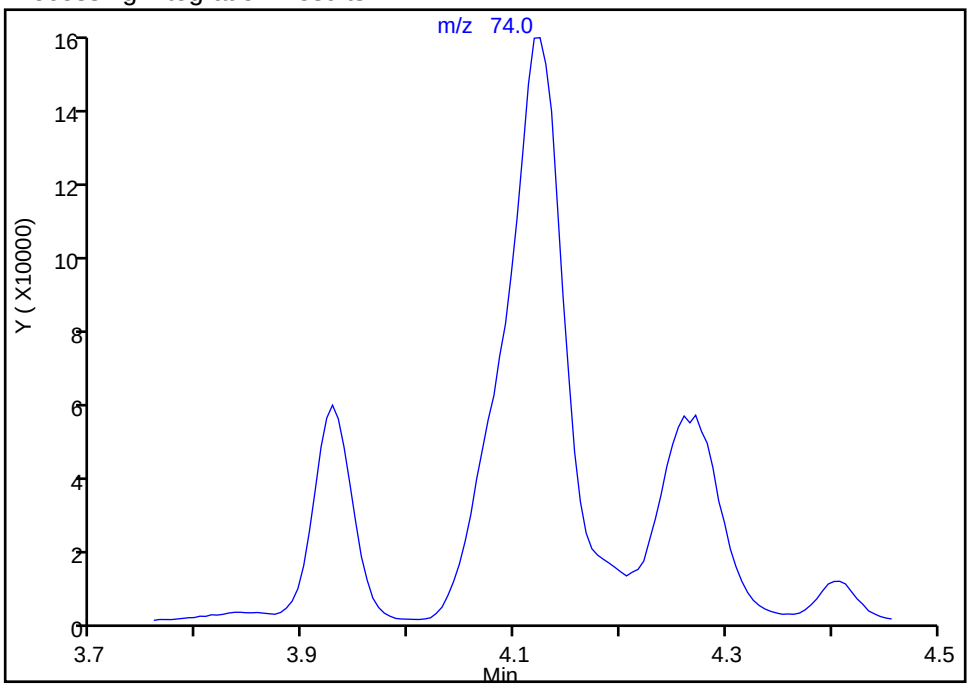
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

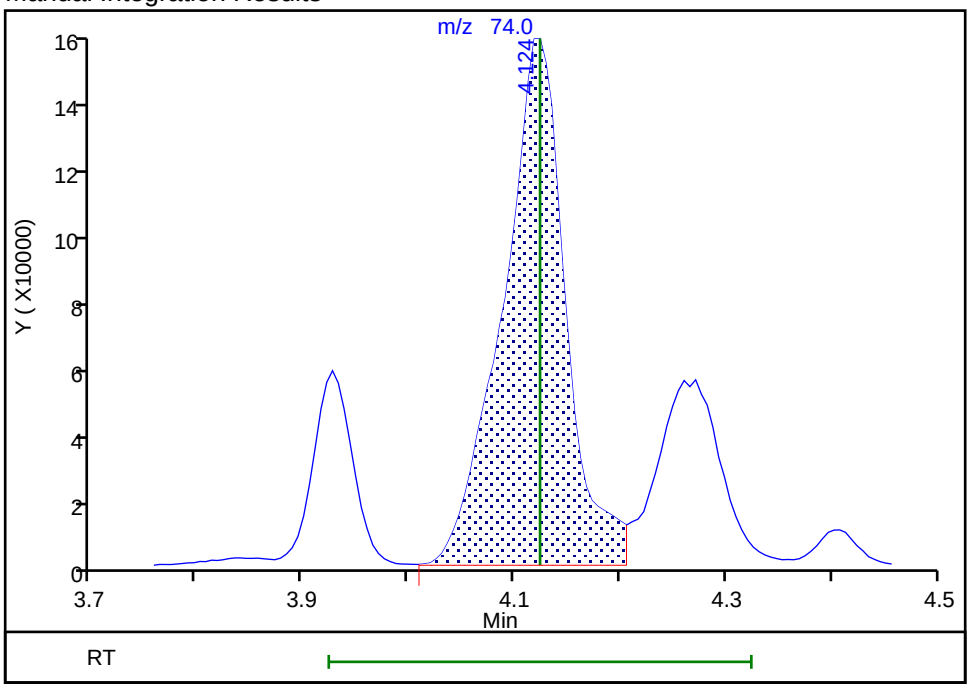
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 627652
Amount: 12475
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:27
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

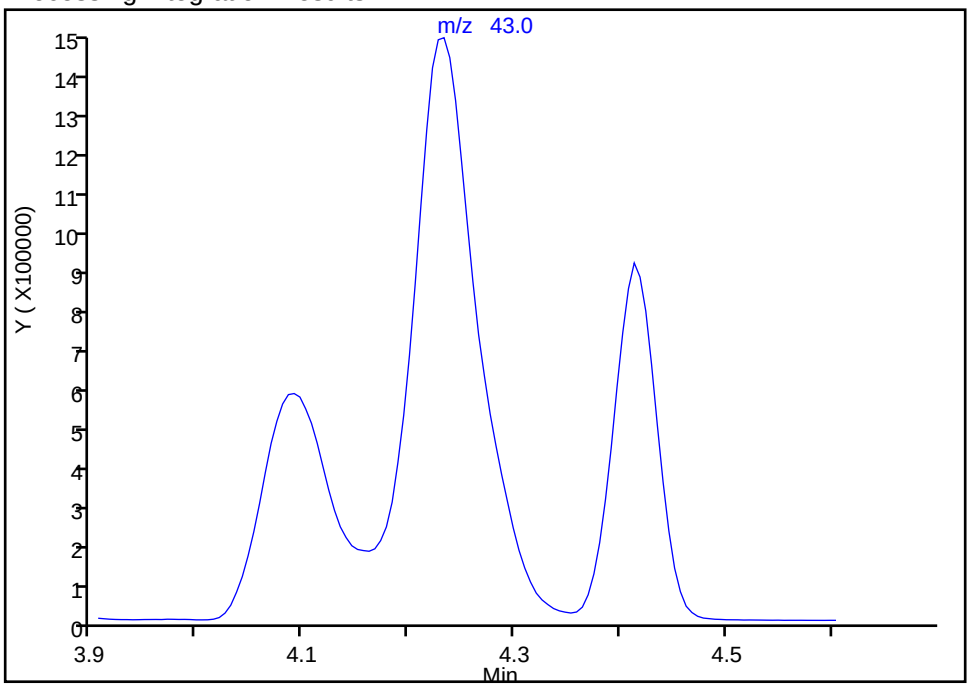
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

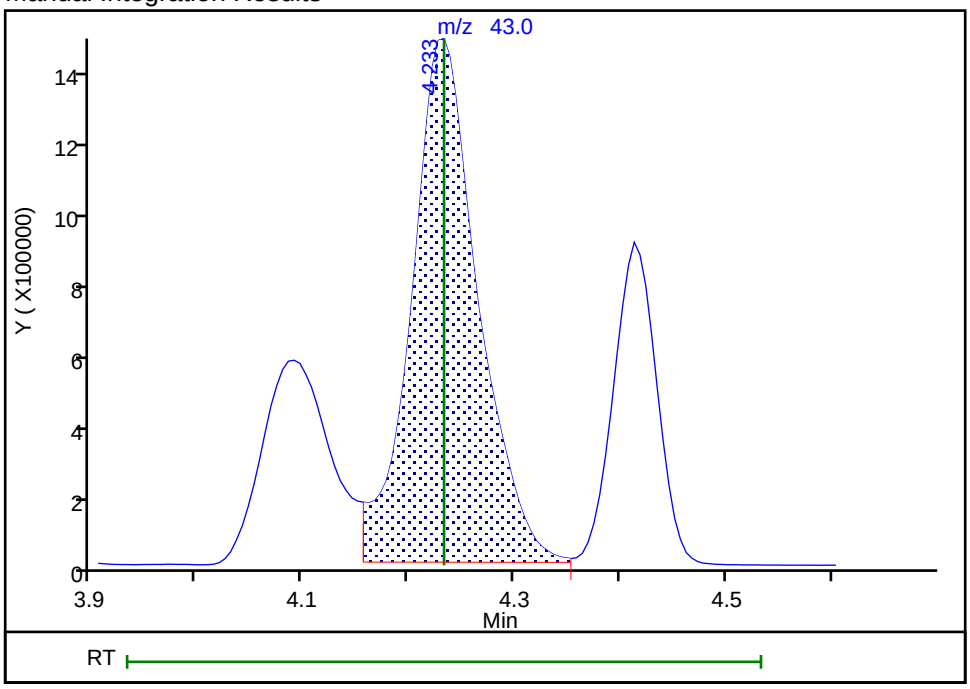
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 6282086
Amount: 442.6994
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

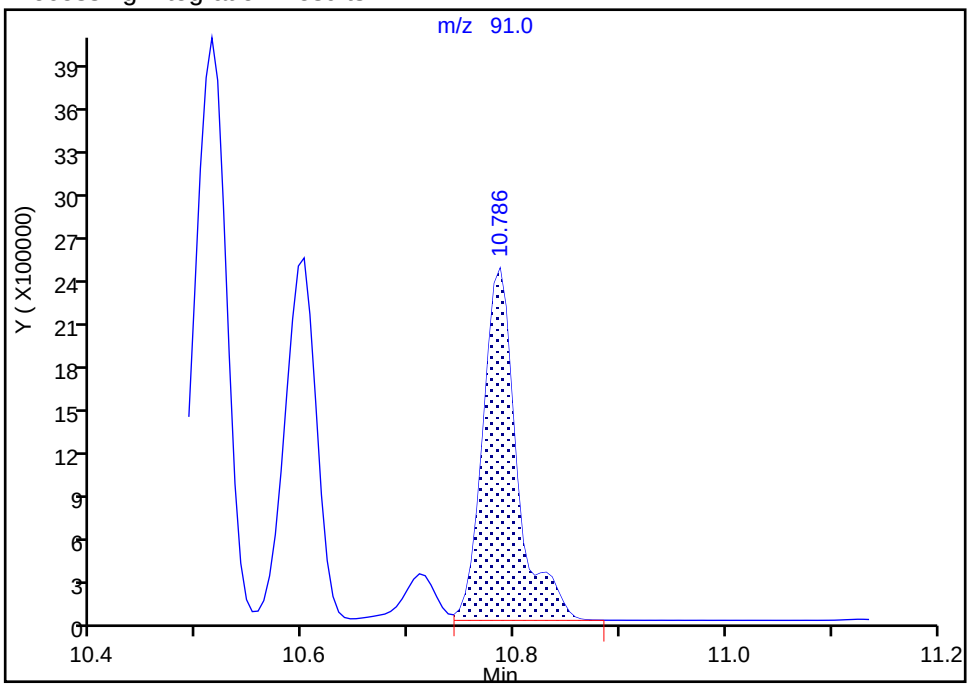
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

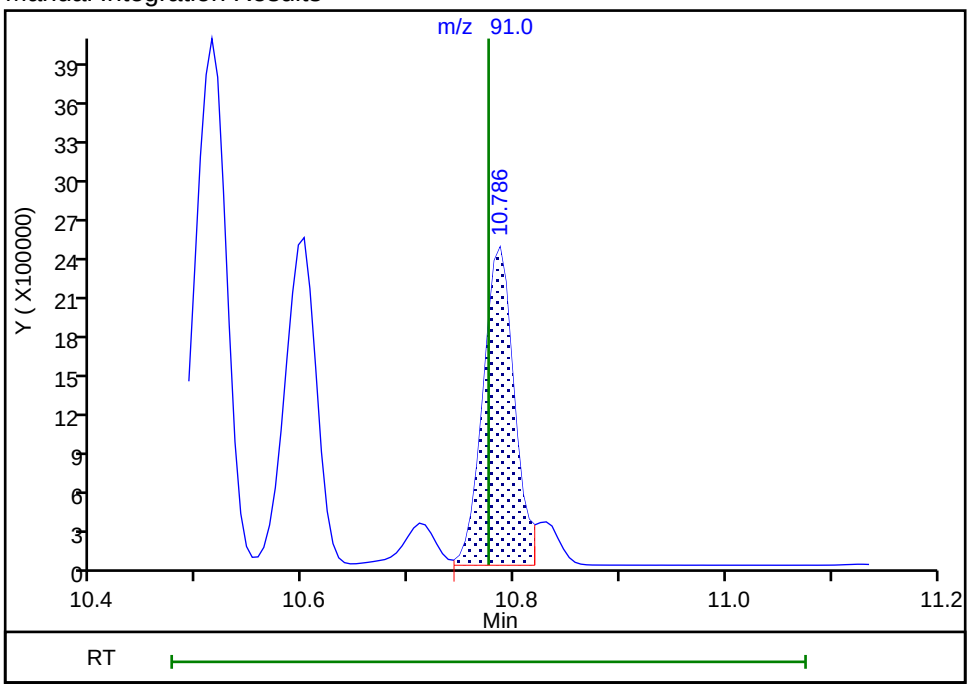
Processing Integration Results

RT: 10.79
Area: 5477589
Amount: 537.6198
Amount Units: ug/l



Manual Integration Results

RT: 10.79
Area: 5022694
Amount: 500.4199
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:02
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

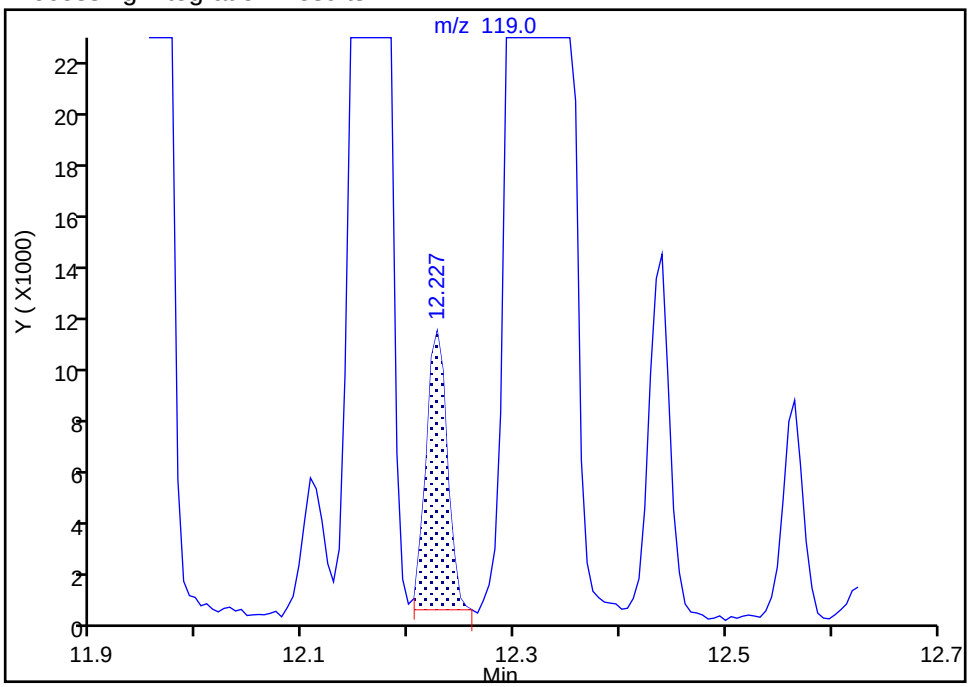
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

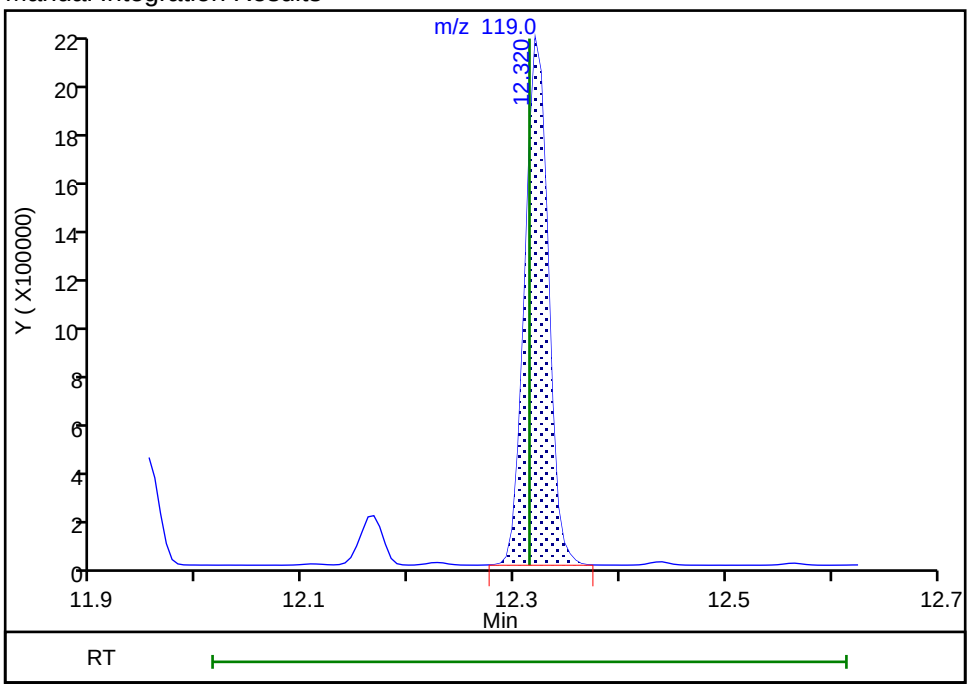
Processing Integration Results

RT: 12.23
Area: 14669
Amount: 2.536255
Amount Units: ug/l



Manual Integration Results

RT: 12.32
Area: 3253558
Amount: 474.0478
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

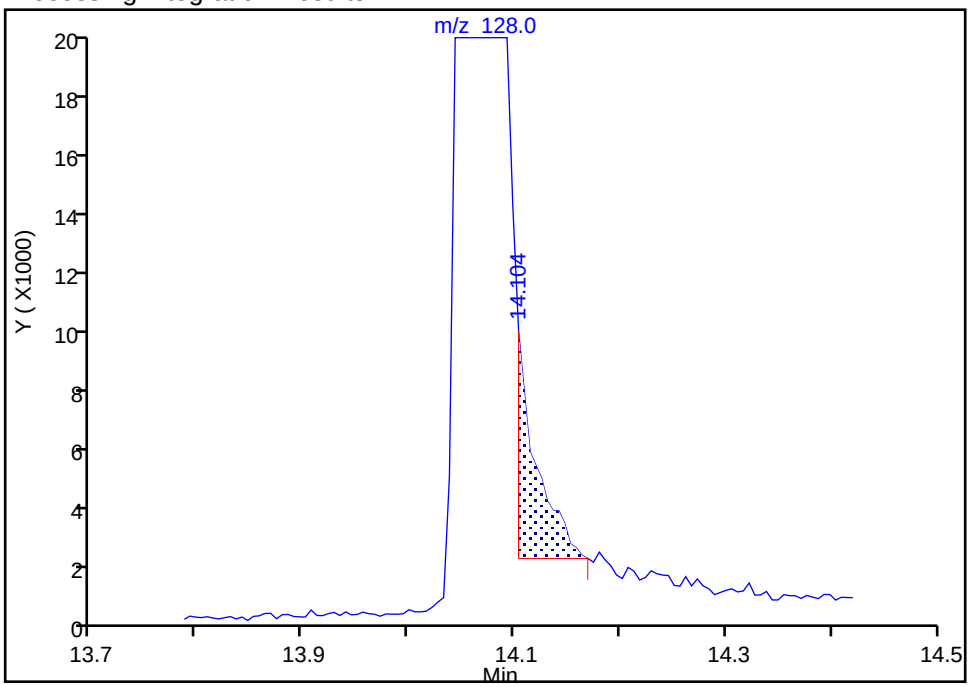
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Signal: 1

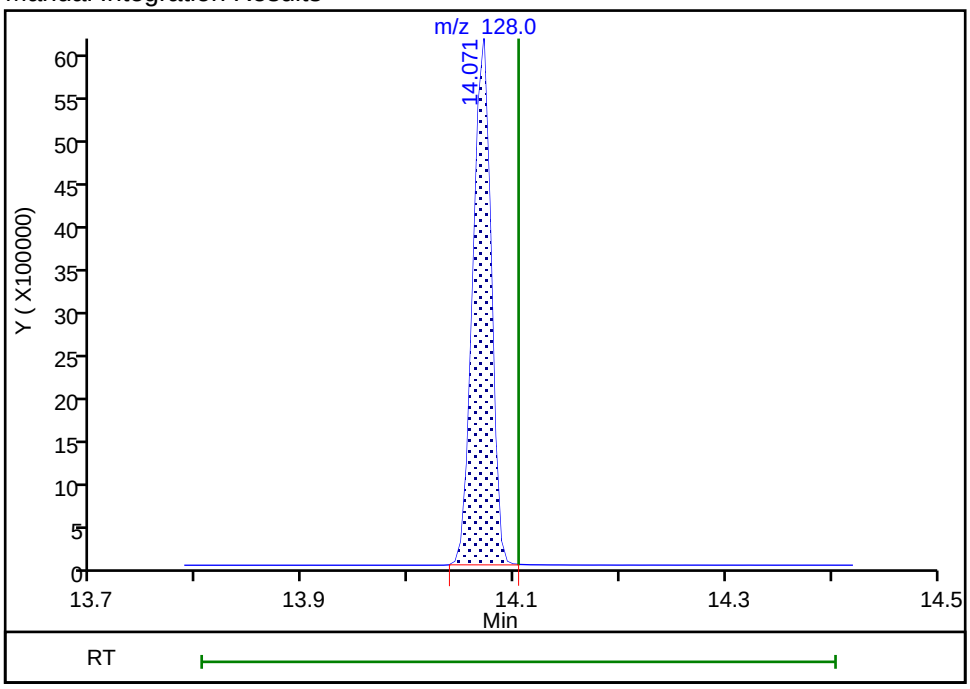
Processing Integration Results

RT: 14.10
Area: 9771
Amount: 0.687276
Amount Units: ug/l



Manual Integration Results

RT: 14.07
Area: 7301152
Amount: 491.1872
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

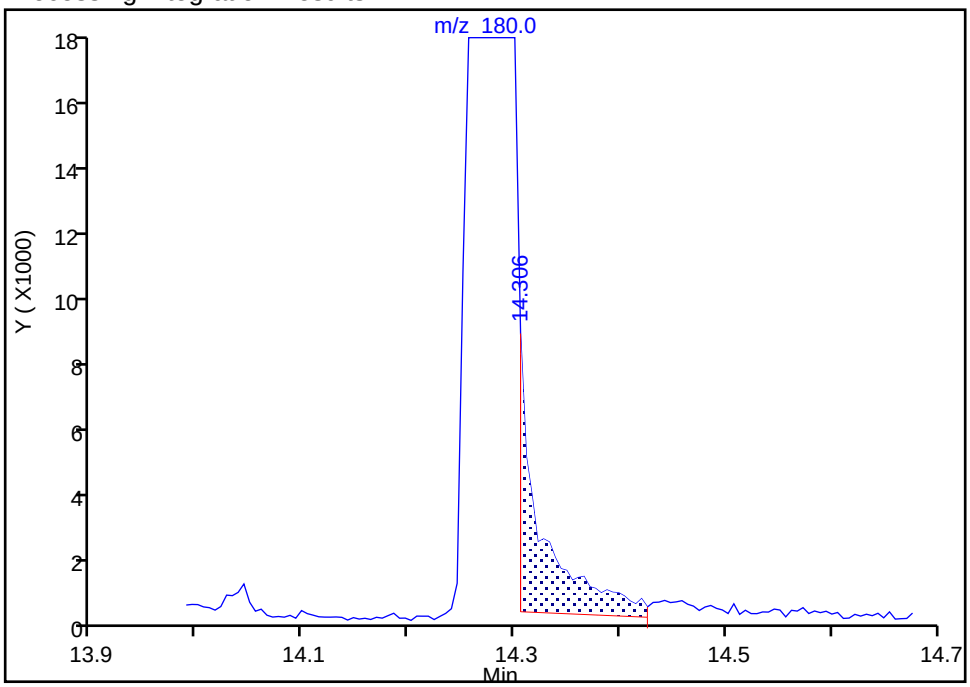
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

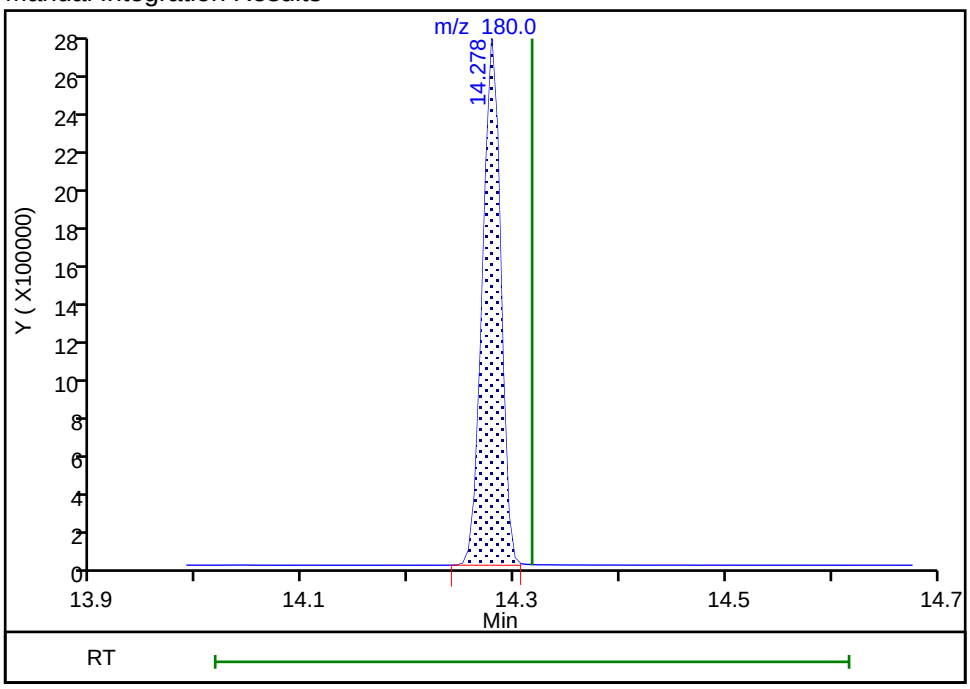
Processing Integration Results

RT: 14.31
Area: 11805
Amount: 2.130829
Amount Units: ug/l



Manual Integration Results

RT: 14.28
Area: 3237545
Amount: 489.3994
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-719741/3	K18450.D
Level 2	STD5 460-719741/4	K18451.D
Level 3	STD20 460-719741/5	K18452.D
Level 4	STD50 460-719741/6	K18453.D
Level 5	STD200 460-719741/7	K18454.D
Level 6	STD500 460-719741/8	K18455.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0279	0.0282	0.0373	0.0379	0.0284	Ave		0.0319				16.2		20.0			
1,1-Difluoroethane	0.2083 0.1888	0.2010	0.2346	0.2136	0.1949	Ave		0.2069				7.9		20.0			
Chlorotrifluoroethene	0.0643 0.1242	0.1151	0.1464	0.1412	0.1247	Lin2	-0.070	0.1342							0.9930		0.9900
Dichlorodifluoromethane	0.4276 0.5140	0.4667	0.5462	0.5558	0.5255	Ave		0.5060			0.1000	9.8		20.0			
Chlorodifluoromethane	0.1173 0.0638	0.0814	0.0810	0.0701	0.0623	Lin2	0.0495	0.0688							0.9920		0.9900
Chloromethane	0.7355 0.6291	0.7131	0.8022	0.7357	0.6569	Ave		0.7121			0.1000	8.7		20.0			
Butadiene	0.4622 0.3890	0.4329	0.5026	0.4561	0.4146	Ave		0.4429				9.0		20.0			
Vinyl chloride	0.4841 0.4351	0.4959	0.5664	0.5082	0.4539	Ave		0.4906			0.1000	9.4		20.0			
Bromomethane	0.3627 0.2813	0.3705	0.3727	0.3303	0.3061	Ave		0.3372			0.1000	11.2		20.0			
Chloroethane	0.2886 0.1973	0.2781	0.2872	0.2383	0.2250	Ave		0.2524			0.1000	15.0		20.0			
Dichlorofluoromethane	0.7432 0.4885	0.6631	0.7006	0.5989	0.5623	Ave		0.6261				15.0		20.0			
Pentane	1.0353 1.4767	1.2778	1.4840	1.2681	1.6594	Ave		1.3669				16.0		20.0			
Trichlorofluoromethane	0.4750 0.4232	0.4730	0.5396	0.4756	0.4543	Ave		0.4734			0.1000	8.1		20.0			
Ethyl ether	0.2821 0.1989	0.2779	0.2904	0.2457	0.2407	Ave		0.2559				13.5		20.0			
2-Methyl-1,3-butadiene	0.2390 0.2438	0.2960	0.3946	0.3180	0.2683	Ave		0.2933				19.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.2407 0.2396	0.2684	0.2945	0.2616	0.2566	Ave		0.2602				7.8		20.0			
Ethanol	0.0669 0.0644	0.0766	0.0644	0.0552	0.0699	Ave		0.0662				10.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4185 0.4174	0.4644	0.5144	0.4809	0.4515	Ave		0.4578				8.2		20.0			
Acrolein	1.3646 1.3373	1.2207	1.1703	1.0378	1.3928	Ave		1.2539				10.9		20.0			
1,1-Dichloroethene	0.2664 0.2816	0.2826	0.3382	0.3183	0.2956	Ave		0.2971			0.1000	9.0		20.0			
Acetone	1.3455 0.9154	1.0381	0.9933	0.9488	1.1409	Ave		1.0637			0.0500	14.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2273 0.2936	0.2869	0.3649	0.3340	0.3029	Ave		0.3016			0.1000	15.4		20.0			
Iodomethane	0.6255 0.5917	0.6255	0.7072	0.6600	0.6164	Ave		0.6377				6.4		20.0			
Isopropyl alcohol	1.1285 1.1853	0.6422	0.7235	0.6797	1.1664	QuaF		1.0779	0.0000220						0.9980		0.9900
Carbon disulfide	1.2082 1.2207	1.2739	1.5627	1.3915	1.2927	Ave		1.3250			0.1000	10.1		20.0			
Allyl chloride	0.4744 0.4066	0.4903	0.5276	0.4908	0.4482	Ave		0.4730				8.8		20.0			
Methyl acetate	7.1602 8.3054	6.2589	6.9052	6.9014	9.1914	Ave		7.4537			0.1000	14.5		20.0			
Acetonitrile	0.8479 1.0714	0.7784	0.8390	0.7403	0.9908	Ave		0.8780				14.5		20.0			
Cyclopentene	0.8702 0.7483	0.8483	1.0151	0.8951	0.7737	Ave		0.8584				11.1		20.0			
Methylene Chloride	0.5877 +++++	0.4282	0.4496	0.4030	0.3709	Ave		0.4479			0.1000	18.6		20.0			
2-Methyl-2-propanol	1.7987 1.5327	1.3557	1.3510	1.2411	1.5864	Ave		1.4776				13.7		20.0			
Acrylonitrile	0.1574 0.1078	0.1419	0.1476	0.1369	0.1192	Ave		0.1351				13.6		20.0			
trans-1,2-Dichloroethene	0.3130 0.2948	0.3455	0.3930	0.3504	0.3222	Ave		0.3365			0.1000	10.3		20.0			
Methyl tert-butyl ether	0.9646 0.7562	0.9452	1.0062	0.9031	0.8353	Ave		0.9018			0.1000	10.2		20.0			
Hexane	0.2980 0.2669	0.2998	0.3540	0.3410	0.2949	Ave		0.3091				10.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	0.6319 0.5731	0.6583	0.7438	0.7052	0.6369	Ave		0.6582			0.2000	9.1		20.0			
Vinyl acetate	1.5242 2.0560	1.2750	1.5405	1.4875	2.2157	QuaF		2.1924	-0.000132						0.9980		0.9900
Isopropyl ether	1.3333 0.9956	1.1994	1.3478	1.2543	1.0957	Ave		1.2044				11.5		20.0			
2-Chloro-1,3-butadiene	0.2770 0.2840	0.2965	0.3526	0.3364	0.3034	Ave		0.3083				9.7		20.0			
Tert-butyl ethyl ether	0.7711 0.9383	1.2759	1.3102	1.1439	1.0063	Ave		1.0743				19.4		20.0			
cis-1,2-Dichloroethene	0.3989 0.3507	0.4066	0.4546	0.4117	0.3838	Ave		0.4011			0.1000	8.5		20.0			
2,2-Dichloropropane	0.1834 0.1398	0.1632	0.1882	0.1652	0.1505	Ave		0.1651				11.2		20.0			
2-Butanone (MEK)	0.4489 0.3587	0.3383	0.3583	0.3447	0.3818	Ave		0.3718			0.0500	10.9		20.0			
Ethyl acetate	0.4022 0.3290	0.2807	0.3041	0.2937	0.3213	Ave		0.3219				13.4		20.0			
Propionitrile	1.6601 1.7946	1.4330	1.4958	1.3910	1.8100	Ave		1.5974				11.5		20.0			
Methyl acrylate	0.4470 0.3537	0.2422	0.2469	0.2679	0.3557	QuaF		0.3422	0.0000238						0.9990		0.9900
Methacrylonitrile	0.1409 0.1211	0.1349	0.1452	0.1390	0.1272	Ave		0.1347				6.7		20.0			
Chlorobromomethane	0.1981 0.1662	0.1956	0.2167	0.1931	0.1826	Ave		0.1920				8.8		20.0			
Tetrahydrofuran	0.4424 0.3993	0.4014	0.4292	0.4057	0.3968	Ave		0.4125				4.6		20.0			
Chloroform	0.6538 0.5352	0.6370	0.7105	0.6341	0.5851	Ave		0.6260			0.2000	9.6		20.0			
1,1,1-Trichloroethane	0.4460 0.4651	0.4922	0.5874	0.5284	0.4894	Ave		0.5014			0.1000	10.1		20.0			
Cyclohexane	0.4042 0.4810	0.4671	0.6098	0.5516	0.5112	Ave		0.5042			0.1000	14.1		20.0			
1,1-Dichloropropene	0.4545 0.4202	0.4420	0.5207	0.4791	0.4581	Ave		0.4624				7.5		20.0			
Carbon tetrachloride	0.3633 0.4091	0.4050	0.4965	0.4585	0.4315	Ave		0.4273			0.1000	10.8		20.0			
Isobutyl alcohol	0.0949 0.1686	0.1035	0.1280	0.1199	0.1789	QuaF		0.1755	-0.000001						0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	2.0810 1.6705	1.9497	2.2704	2.1137	1.9561	Ave		2.0069			0.5000	10.1		20.0			
1,2-Dichloroethane	0.4757 0.4061	0.4338	0.4745	0.4409	0.4335	Ave		0.4441			0.1000	6.0		20.0			
2,2,4-Trimethylpentane	1.0351 1.2140	1.1813	1.6341	1.5192	1.2824	Ave		1.3110				17.1		20.0			
Isopropyl acetate	1.3533 1.1486	1.2867	1.4426	1.3540	1.1987	Ave		1.2973				8.4		20.0			
Tert-amyl methyl ether	0.2926 0.2627	0.2905	0.3197	0.2933	0.2707	Ave		0.2882				6.9		20.0			
n-Heptane	1.9476 0.2532	0.5812	0.3942	0.3201	0.2840	Ave		0.6301				104.1	*	20.0			
n-Butanol	0.3726 0.4665	0.2557	0.2840	0.2877	0.4283	QuaF		0.3832	0.0000067						0.9990		0.9900
Trichloroethene	0.2680 0.3223	0.2970	0.3527	0.3375	0.3405	Ave		0.3197			0.2000	9.9		20.0			
Ethyl acrylate	0.0546 0.0516	0.0473	0.0491	0.0467	0.0468	Ave		0.0494				6.4		20.0			
Methylcyclohexane	0.4748 0.5691	0.5416	0.7100	0.6591	0.6149	Ave		0.5949			0.1000	14.2		20.0			
1,2-Dichloropropane	0.3308 0.3281	0.3272	0.3750	0.3507	0.3500	Ave		0.3436			0.1000	5.4		20.0			
Dibromomethane	0.1946 0.1985	0.1905	0.2142	0.2031	0.2040	Ave		0.2008				4.1		20.0			
Methyl methacrylate	0.1728 0.1978	0.1660	0.1817	0.1840	0.1843	Ave		0.1811				6.0		20.0			
1,4-Dioxane	0.7222 +++++	1.3438	1.4393	1.3940	1.2918	Lin2	-13.42	1.4093							0.9970		0.9900
n-Propyl acetate	0.5247 0.4061	0.3762	0.4071	0.4068	0.3826	Ave		0.4173				13.0		20.0			
Dichlorobromomethane	0.3942 0.4309	0.3830	0.4413	0.4261	0.4426	Ave		0.4197			0.2000	6.0		20.0			
2-Nitropropane	0.1123 0.0766	0.0765	0.0715	0.0695	0.0713	Lin2	0.0814	0.0710							0.9980		0.9900
2-Chloroethyl vinyl ether	0.0488 0.0760	0.0480	0.0537	0.0585	0.0647	Ave		0.0583				18.3		20.0			
Epichlorohydrin	0.2570 0.2960	0.2306	0.2562	0.2530	0.2790	Ave		0.2620				8.7		20.0			
cis-1,3-Dichloropropene	0.6152 0.6744	0.5832	0.6743	0.6781	0.7200	Ave		0.6575			0.2000	7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone (MIBK)	2.9651 2.7912	2.7360	3.1363	2.8932	2.8587	Ave		2.8968			0.0500	4.9		20.0			
Toluene	1.8068 1.6284	1.6567	1.9123	1.8307	1.7977	Ave		1.7721			0.4000	6.1		20.0			
trans-1,3-Dichloropropene	0.5245 0.5475	0.4797	0.5417	0.5439	0.5727	Ave		0.5350			0.1000	5.8		20.0			
Ethyl methacrylate	0.4873 0.4542	0.4678	0.5320	0.5138	0.4957	Ave		0.4918				5.8		20.0			
1,1,2-Trichloroethane	0.2793 0.2759	0.2804	0.3109	0.3038	0.3002	Ave		0.2918			0.1000	5.1		20.0			
Tetrachloroethene	0.3442 0.4050	0.3813	0.4524	0.4394	0.4392	Ave		0.4103			0.2000	10.2		20.0			
1,3-Dichloropropane	0.5337 0.5456	0.5206	0.5820	0.5696	0.5785	Ave		0.5550				4.6		20.0			
2-Hexanone	1.7898 1.6569	1.5973	1.7136	1.5934	1.6624	Ave		1.6689			0.0500	4.5		20.0			
Chlorodibromomethane	0.3846 0.3970	0.3605	0.4118	0.4090	0.4214	Ave		0.3974			0.1000	5.6		20.0			
n-Butyl acetate	0.7856 0.5265	0.6428	0.6763	0.6301	0.5553	Ave		0.6361				14.5		20.0			
Ethylene Dibromide	0.3216 0.3274	0.3087	0.3509	0.3439	0.3470	Ave		0.3332			0.1000	5.0		20.0			
Chlorobenzene	1.0539 1.0330	0.9985	1.1541	1.0820	1.1030	Ave		1.0707			0.5000	5.1		20.0			
1,1,1,2-Tetrachloroethane	0.4644 0.4389	0.4697	0.5321	0.5116	0.4911	Ave		0.4846				7.0		20.0			
Ethylbenzene	0.5595 0.5473	0.5622	0.6669	0.6167	0.6011	Ave		0.5923			0.1000	7.6		20.0			
m-Xylene & p-Xylene	0.7564 0.6720	0.7044	0.8222	0.7578	0.7387	Ave		0.7419			0.1000	6.9		20.0			
o-Xylene	0.7753 0.6963	0.7532	0.8904	0.8430	0.7909	Ave		0.7915			0.3000	8.6		20.0			
Styrene	1.1496 1.0399	1.0905	1.2804	1.1831	1.1446	Ave		1.1480			0.3000	7.2		20.0			
n-Butyl acrylate	0.3574 0.2503	0.3110	0.3478	0.3139	0.2700	Ave		0.3084				13.6		20.0			
Bromoform	0.2618 0.2612	0.2534	0.2891	0.2774	0.2769	Ave		0.2700			0.1000	4.9		20.0			
Amyl acetate (mixed isomers)	1.6541 1.1810	1.3250	1.4349	1.3922	1.2607	Ave		1.3746				12.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.7727 1.8267	1.9221	2.3887	2.2352	2.0618	Ave		2.0345			0.1000	11.9		20.0			
Bromobenzene	0.7657 0.8937	0.8000	0.8830	0.8752	0.9414	Ave		0.8598				7.5		20.0			
1,1,2,2-Tetrachloroethane	0.9440 0.9578	0.9060	1.0335	1.0310	1.0274	Ave		0.9833			0.3000	5.6		20.0			
1,2,3-Trichloropropane	0.2487 0.2296	0.2261	0.2468	0.2420	0.2470	Ave		0.2400				4.1		20.0			
trans-1,4-Dichloro-2-butene	0.2511 0.1959	0.2060	0.2163	0.2150	0.2120	Ave		0.2160				8.7		20.0			
N-Propylbenzene	3.5119 4.2270	3.8048	4.6813	4.5219	4.5994	Ave		4.2244				11.2		20.0			
2-Chlorotoluene	2.2838 2.5781	2.3531	2.8068	2.7117	2.7956	Ave		2.5882				8.7		20.0			
4-Ethyltoluene	2.9101 3.2260	3.0760	3.7253	3.5952	3.3434	Ave		3.3127				9.3		20.0			
4-Chlorotoluene	2.3323 2.4854	2.2945	2.6398	2.5124	2.6354	Ave		2.4833				5.9		20.0			
1,3,5-Trimethylbenzene	2.6094 3.3004	2.7498	3.4855	3.4291	3.5605	Ave		3.1891				12.7		20.0			
Butyl Methacrylate	0.9585 1.0170	0.8724	1.0883	1.0853	1.0483	Ave		1.0116				8.3		20.0			
tert-Butylbenzene	1.7815 2.8330	1.9478	2.6099	2.7836	3.0459	QuaF		3.1226	-0.000575						1.0000		0.9900
1,2,4-Trimethylbenzene	3.0038 3.2187	2.8924	3.5373	3.4145	3.5039	Ave		3.2618				8.3		20.0			
sec-Butylbenzene	3.0201 4.1946	3.3654	4.4135	4.4424	4.5620	Ave		3.9997				16.1		20.0			
1,3-Dichlorobenzene	1.5457 1.5557	1.4955	1.7187	1.6278	1.6616	Ave		1.6008			0.6000	5.2		20.0			
1,4-Dichlorobenzene	1.6450 1.4785	1.5041	1.6962	1.5904	1.6166	Ave		1.5885			0.5000	5.3		20.0			
4-Isopropyltoluene	2.6763 3.4698	2.9588	3.7022	3.6688	3.7814	Ave		3.3762				13.4		20.0			
Benzyl chloride	1.4308 1.3912	1.3046	1.4660	1.4275	1.3696	Ave		1.3983				4.1		20.0			
Indan	2.9272 2.8944	2.9709	3.4692	3.3152	3.0754	Ave		3.1087				7.5		20.0			
1,2-Dichlorobenzene	1.7224 1.6562	1.6371	1.8866	1.7625	1.7918	Ave		1.7428			0.4000	5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Diethylbenzene	1.5773 1.6099	1.5592	1.9523	1.8292	1.6606	Ave		1.6981				9.3		20.0			
n-Butylbenzene	1.5609 1.6560	1.6072	2.0222	1.8450	1.8238	Ave		1.7525				10.0		20.0			
1,2-Dibromo-3-Chloropropane	0.2241 0.2271	0.2130	0.2381	0.2400	0.2334	Ave		0.2293			0.0500	4.4		20.0			
1,2,4,5-Tetramethylbenzene	3.1205 3.3824	3.1264	3.8805	3.7282	3.4023	Ave		3.4400				9.0		20.0			
1,3,5-Trichlorobenzene	1.4704 1.4214	1.3887	1.6967	1.5180	1.3828	Ave		1.4797				8.0		20.0			
1,2,4-Trichlorobenzene	1.6562 1.4904	1.3795	1.6438	1.4801	1.4695	Ave		1.5199			0.2000	7.1		20.0			
Hexachlorobutadiene	0.6319 0.8823	0.6098	0.8079	0.7952	0.8448	Ave		0.7620				14.9		20.0			
Naphthalene	5.8311 3.6128	3.6911	4.0275	3.8627	3.6875	Lin2	2.0929	3.6733							0.9960		0.9900
1,2,3-Trichlorobenzene	1.7698 1.6020	1.5028	1.7445	1.6040	1.5973	Ave		1.6367				6.2		20.0			
Dibromofluoromethane (Surr)	0.3665 0.3194	0.3413	0.3597	0.3338	0.3208	Ave		0.3403				5.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3694 0.3396	0.3438	0.3670	0.3434	0.3406	Ave		0.3506				3.9		20.0			
Toluene-d8 (Surr)	1.6368 1.5570	1.5101	1.6135	1.5873	1.5708	Ave		1.5793				2.8		20.0			
4-Bromofluorobenzene	0.5090 0.4487	0.4705	0.4997	0.4604	0.4450	Ave		0.4722				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-719741/3	K18450.D
Level 2	STD5 460-719741/4	K18451.D
Level 3	STD20 460-719741/5	K18452.D
Level 4	STD50 460-719741/6	K18453.D
Level 5	STD200 460-719741/7	K18454.D
Level 6	STD500 460-719741/8	K18455.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	+++++ 152825	1474	7606	20130	66310	+++++ 500	5.00	20.0	50.0	200
1,1-Difluoroethane	FB	Ave	1967 1032361	10522	47883	113352	455739	1.00 500	5.00	20.0	50.0	200
Chlorotrifluoroethene	FB	Lin2	607 679407	6023	29884	74944	291522	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	4038 2811355	24430	111471	294989	1229012	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Lin2	1108 349060	4259	16534	37203	145604	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6946 3440771	37326	163702	390470	1536106	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4365 2127653	22658	102556	242093	969621	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4572 2379374	25956	115582	269742	1061576	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3425 1538245	19394	76055	175299	715718	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2726 1079227	14556	58610	126484	526236	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7019 2671600	34706	142979	317845	1315054	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd9	Ave	777 439705	5547	24593	55290	211035	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	4486 2314488	24757	110107	252443	1062425	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2664 1087590	14547	59265	130382	562947	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	2257 1333125	15494	80528	168753	627367	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2273 1310408	14049	60088	138842	599990	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethanol	TBAd9	Ave	1004 383714	6647	21355	48116	177824	40.0 20000	200	800	2000	8000
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	3952 2283043	24307	104965	255237	1055883	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	51210 238923	105982	145464	180998	221414	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	2516 1539832	14790	69016	168946	691181	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	7292 2602662	32135	115794	295637	1449841	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2147 1605894	15019	74460	177270	708367	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	5907 3236012	32738	144321	350283	1441516	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	QuaF	4235 1764711	13939	59951	148172	741681	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	11411 6676392	66677	318886	738555	3023137	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	Ave	4480 2223989	25664	107656	260497	1048087	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd9	Ave	5374 2473062	27170	114435	300903	1168952	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	3182 1595069	16896	69521	161380	630032	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	8218 4092432	44400	207142	475090	1809352	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	5550 +++++	22412	91753	213908	867272	1.00 +++++	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	6750 2281954	29425	111945	270555	1008788	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	14865 5897920	74249	301173	726834	2788382	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	2956 1612334	18082	80193	186002	753577	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9110 4135550	49475	205328	479302	1953303	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2814 1459640	15694	72237	180978	689590	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5968 3134579	34454	151779	374288	1489348	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd9	QuaF	1144 612200	5535	25529	64855	281786	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl ether	FB	Ave	12592 5444879	62780	275044	665746	2562232	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	2616 1553376	15519	71959	178551	709618	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7283 5131589	66781	267374	607118	2353163	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3767 1918192	21281	92760	218535	897601	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1732 764665	8544	38399	87699	351893	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2433 1019869	10473	41764	107411	485209	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	872 374217	3476	14180	36607	163341	2.00 1000	10.0	40.0	100	400
Propionitrile	TBAd9	Ave	6230 2671887	31103	123947	303231	1150983	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	QuaF	4222 1934171	12677	50380	142166	831846	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	13306 6621989	70602	296205	737583	2973845	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	1871 908789	10237	44211	102482	427124	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	959 454085	4970	20015	50569	201683	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	6175 2927158	33342	144995	336570	1368352	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4212 2543577	25760	119875	280476	1144397	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3817 2630482	24451	124445	292776	1195530	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4292 2298345	23134	106258	254274	1071337	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3431 2237472	21196	101328	243324	1009185	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	QuaF	890 627652	5615	26511	65351	284373	25.0 12500	125	500	1250	5000
Benzene	CBNZd5	Ave	13149 6971922	70069	315922	755955	3223401	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4493 2221190	22705	96827	233989	1013823	1.00 500	5.00	20.0	50.0	200
2,2,4-Trimethylpentane	FB	Ave	9776 6639545	61832	333461	806307	2998917	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	12781 6282086	67349	294380	718631	2803236	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	2763 1436687	15203	65244	155696	632956	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	18394 1384744	30423	80433	169880	664250	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	QuaF	3496 1736277	13877	58837	156801	680892	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	2531 1762530	15543	71978	179107	796332	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	516 282080	2477	10024	24787	109533	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4484 3112363	28348	144885	349818	1437912	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3124 1794349	17124	76522	186150	818492	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1838 1085415	9971	43705	107772	477012	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3264 2163159	17382	74156	195329	861858	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Lin2	463 +++++	4941	20231	51467	202376	20.0 +++++	100	400	1000	4000
n-Propyl acetate	FB	Ave	4955 2221157	19693	83081	215921	894650	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	3723 2356729	20045	90057	226155	1035063	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Lin2	2121 837662	8008	29169	73805	333600	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	462 416428	2518	10976	31112	151660	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	5571 3366482	28552	119474	315342	1418391	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZd5	Ave	3887 2814711	20960	93828	242509	1186521	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	16070 7936275	84690	365615	901486	3632948	5.00 2500	25.0	100	250	1000
Toluene	CBNZd5	Ave	11416 6796307	59539	266093	654741	2962373	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZd5	Ave	3314 2285194	17241	75371	194524	943814	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBNZd5	Ave	3079 1895784	16812	74031	183743	816892	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	1765 1151664	10078	43268	108663	494713	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	2175 1690250	13702	62955	157139	723785	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	3372 2277057	18711	80986	203726	953315	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	9700 4710964	49444	199765	496489	2112669	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	2430 1656941	12957	57305	146267	694471	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	4964 2197187	23103	94100	225340	915063	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2032 1366331	11096	48823	122999	571743	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	6659 4311107	35884	160593	386950	1817552	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2934 1831611	16879	74040	182984	809205	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	3535 2284337	20204	92804	220547	990583	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	4779 2804444	25316	114411	271011	1217264	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	4899 2905872	27068	123895	301484	1303260	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	7264 4340231	39191	178173	423120	1886226	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	2258 1044817	11176	48390	112272	444855	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	1654 1090074	9108	40225	99213	456225	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	6178 2386801	28549	117102	271813	1025215	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	11201 7623599	69078	332386	799381	3397561	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	2860 1806153	17237	72057	170873	765562	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3526 1935607	19521	84339	201299	835486	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	929 464090	4872	20139	47247	200838	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	938 395801	4438	17649	41984	172430	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCBd 4	Ave	13117 8542493	81981	382030	882870	3740368	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	8530 5210078	50701	229059	529428	2273457	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	10869 6519454	66279	304013	701942	2718912	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	8711 5022694	49439	215426	490518	2143148	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	9746 6669817	59250	284446	669500	2895477	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	3580 2055208	18798	88811	211894	852512	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	QuaF	6654 5725196	41968	212988	543484	2477043	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	11219 6504772	62322	288677	666654	2849441	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	11280 8477037	72514	360178	867337	3709950	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	5773 3143955	32223	140258	317824	1351226	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	6144 2988020	32408	138425	310514	1314686	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	9996 7012266	63753	302131	716308	3075104	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	5344 2811493	28111	119636	278700	1113789	1.00 500	5.00	20.0	50.0	200
Indan	DCBd 4	Ave	10933 5849445	64013	283116	647272	2500977	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	6433 3347102	35274	153964	344107	1457174	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	5891 3253558	33595	159320	357140	1350479	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	5830 3346572	34629	165029	360229	1483141	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	837 459014	4589	19430	46853	189777	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	11655 6835478	67363	316678	727904	2766841	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	5492 2872530	29921	138464	296372	1124542	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	6186 3012009	29723	134146	288968	1195031	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719741

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/26/2020 20:35 Calibration End Date: 08/26/2020 22:33 Calibration ID: 81698

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCBd 4	Ave	2360 1782959	13139	65935	155251	687028	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Lin2	21779 7301152	79531	328675	754169	2998801	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	6610 3237545	32380	142362	313173	1298946	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	173080 174678	178660	183503	177179	187532	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	174458 185713	179938	187231	182272	199153	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	517116 649814	542719	561309	567678	647105	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	160791 187250	169093	173827	164646	183310	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Aug-2020 20:35:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0115799-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:35:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:21:48

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3	1,1-Difluoroethane	65	1.074	1.074	0.000	21	1967	1.00	1.01	
2	Chlorotrifluoroethene	116	1.107	1.112	-0.005	46	607	1.00	1.00	
5	Chlorodifluoromethane	67	1.150	1.129	0.021	92	1108	1.00	0.9856	M
4	Dichlorodifluoromethane	85	1.118	1.134	-0.016	84	4038	1.00	0.8450	a
6	Chloromethane	50	1.249	1.249	0.000	96	6946	1.00	1.03	
7	Butadiene	54	1.276	1.281	-0.005	90	4365	1.00	1.04	
8	Vinyl chloride	62	1.303	1.309	-0.006	88	4572	1.00	0.9867	
9	Bromomethane	94	1.494	1.489	0.005	97	3425	1.00	1.08	
10	Chloroethane	64	1.527	1.521	0.006	82	2726	1.00	1.14	M
11	Dichlorofluoromethane	67	1.669	1.669	0.000	98	7019	1.00	1.19	
13	Pentane	72	1.685	1.712	-0.027	98	777	2.00	1.51	M
12	Trichlorofluoromethane	101	1.723	1.718	0.005	93	4486	1.00	1.00	
15	Ethyl ether	59	1.827	1.838	-0.011	92	2664	1.00	1.10	a
16	2-Methyl-1,3-butadiene	53	1.854	1.865	-0.011	86	2257	1.00	0.8149	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	0.000	74	2273	1.00	0.9249	Ma
14	Ethanol	46	1.838	1.903	-0.065	70	1004	40.0	40.4	M
18	1,1,1-Trifluoro-2,2-dichloroetha	83	1.892	1.914	-0.022	90	3952	1.00	0.9140	a
19	Acrolein	56	1.931	1.931	0.000	96	51210	100.0	108.8	
21	1,1-Dichloroethene	96	1.996	2.007	-0.011	79	2516	1.00	0.8967	
22	Acetone	43	2.023	2.034	-0.011	83	7292	5.00	6.32	M
20	112TCTFE	101	2.023	2.040	-0.017	40	2147	1.00	0.7537	
23	Iodomethane	142	2.116	2.116	0.000	96	5907	1.00	0.9808	
24	Isopropyl alcohol	45	2.165	2.171	-0.006	89	4235	10.0	10.5	M
25	Carbon disulfide	76	2.171	2.171	0.000	97	11411	1.00	0.9119	M
26	3-Chloro-1-propene	39	2.236	2.242	-0.006	86	4480	1.00	1.00	a
27	Methyl acetate	43	2.252	2.258	-0.006	80	5374	2.00	1.92	
29	Acetonitrile	41	2.296	2.285	0.011	43	3182	10.0	9.66	Ma
28	Cyclopentene	67	2.307	2.307	0.000	92	8218	1.00	1.01	
31	Methylene Chloride	84	2.334	2.340	-0.006	95	5550	1.00	1.31	
* 30	TBA-d9 (IS)	65	2.400	2.405	-0.005	95	375269	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.454	2.476	-0.022	34	6750	10.0	12.2	M
35 Acrylonitrile	53	2.503	2.509	-0.006	95	14865	10.0	11.6	
34 trans-1,2-Dichloroethene	96	2.525	2.531	-0.006	95	2956	1.00	0.9302	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	94	9110	1.00	1.07	
36 Hexane	43	2.738	2.738	0.000	92	2814	1.00	0.9640	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	87	5968	1.00	0.9601	
39 Vinyl acetate	86	2.885	2.891	-0.006	100	1144	2.00	1.39	M
37 Isopropyl ether	45	2.924	2.918	0.006	89	12592	1.00	1.11	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	80	2616	1.00	0.8984	
41 Tert-butyl ethyl ether	59	3.207	3.213	-0.006	70	7283	1.00	0.7178	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	95	270983	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.316	3.327	-0.011	97	3767	1.00	0.99	
43 2,2-Dichloropropane	79	3.322	3.338	-0.016	49	1732	1.00	1.11	
46 2-Butanone (MEK)	72	3.349	3.349	0.000	95	2433	5.00	6.04	M
45 Ethyl acetate	70	3.398	3.366	0.032	92	872	2.00	2.50	
48 Propionitrile	54	3.398	3.398	0.000	89	6230	10.0	10.4	
47 Methyl acrylate	55	3.398	3.437	-0.039	67	4222	1.00	1.31	a
51 Methacrylonitrile	67	3.518	3.524	-0.006	92	13306	10.0	10.5	
50 Chlorobromomethane	128	3.529	3.535	-0.006	50	1871	1.00	1.03	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	63	959	2.00	2.15	
52 Chloroform	83	3.606	3.611	-0.005	97	6175	1.00	1.04	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.753	-0.005	97	173080	50.0	53.9	
54 1,1,1-Trichloroethane	97	3.780	3.786	-0.006	35	4212	1.00	0.8895	
53 Cyclohexane	84	3.846	3.840	0.006	91	3817	1.00	0.8016	a
57 1,1-Dichloropropene	75	3.928	3.928	0.000	92	4292	1.00	0.9827	
56 Carbon tetrachloride	117	3.939	3.944	-0.006	87	3431	1.00	0.8502	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	174458	50.0	52.7	
58 Isobutyl alcohol	74	4.113	4.124	-0.011	34	890	25.0	13.5	a
60 Benzene	78	4.124	4.130	-0.006	92	13149	1.00	1.04	
64 1,2-Dichloroethane	62	4.135	4.140	-0.005	91	4493	1.00	1.07	
59 Isooctane	57	4.206	4.217	-0.011	85	9776	1.00	0.7896	
62 Isopropyl acetate	43	4.233	4.233	0.000	89	12781	1.00	1.04	
63 Tert-amyl methyl ether	87	4.239	4.255	-0.016	97	2763	1.00	1.01	a
* 66 Fluorobenzene	96	4.402	4.408	-0.006	99	472217	50.0	50.0	a
65 n-Heptane	57	4.402	4.413	-0.011	36	18394	1.00	3.09	
68 n-Butanol	56	4.757	4.757	0.000	86	3496	25.0	24.3	
69 Trichloroethene	95	4.784	4.790	-0.006	96	2531	1.00	0.8384	
70 Ethyl acrylate	56	4.910	4.921	-0.011	96	516	1.00	1.11	
71 Methylcyclohexane	83	5.003	5.008	-0.006	93	4484	1.00	0.7981	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	91	3124	1.00	0.9626	
77 Dibromomethane	93	5.150	5.161	-0.011	92	1838	1.00	0.9692	
* 73 1,4-Dioxane-d8	96	5.144	5.166	-0.022	99	32056	1000.0	1000.0	
74 Methyl methacrylate	69	5.177	5.183	-0.006	93	3264	2.00	1.91	a
75 1,4-Dioxane	88	5.226	5.248	-0.022	30	463	20.0	19.8	M
76 n-Propyl acetate	43	5.259	5.264	-0.005	97	4955	1.00	1.26	a
78 Dichlorobromomethane	83	5.346	5.352	-0.006	99	3723	1.00	0.9393	
79 2-Nitropropane	41	5.614	5.614	0.000	92	2121	2.00	2.02	
67 2-Chloroethyl vinyl ether	63	5.728	5.723	0.005	1	462	1.00	0.8396	a
80 Epichlorohydrin	57	5.772	5.777	-0.005	98	5571	20.0	19.6	
81 cis-1,3-Dichloropropene	75	5.876	5.881	-0.005	94	3887	1.00	0.9356	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.116	-0.006	98	16070	5.00	5.12	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	517116	50.0	51.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.301	6.301	0.000	92	11416	1.00	1.02	
85 trans-1,3-Dichloropropene	75	6.601	6.607	-0.006	97	3314	1.00	0.9803	
86 Ethyl methacrylate	69	6.781	6.781	0.000	88	3079	1.00	0.99	
87 1,1,2-Trichloroethane	83	6.836	6.841	-0.005	86	1765	1.00	0.9573	
88 Tetrachloroethene	166	7.016	7.021	-0.005	96	2175	1.00	0.8391	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	96	3372	1.00	0.9616	
90 2-Hexanone	43	7.229	7.234	-0.005	97	9700	5.00	5.36	
92 Chlorodibromomethane	129	7.365	7.365	0.000	97	2430	1.00	0.9678	
91 n-Butyl acetate	43	7.447	7.458	-0.011	98	4964	1.00	1.24	
93 Ethylene Dibromide	107	7.496	7.496	0.000	97	2032	1.00	0.9650	
* 94 Chlorobenzene-d5	117	8.189	8.195	-0.006	87	315925	50.0	50.0	
95 Chlorobenzene	112	8.227	8.233	-0.006	97	6659	1.00	0.9843	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.380	0.005	92	2934	1.00	0.9582	
96 Ethylbenzene	106	8.435	8.435	0.000	98	3535	1.00	0.9446	
98 m-Xylene & p-Xylene	106	8.615	8.620	-0.005	0	4779	1.00	1.02	
100 o-Xylene	106	9.220	9.220	0.000	93	4899	1.00	0.9796	
101 Styrene	104	9.242	9.248	-0.006	96	7264	1.00	1.00	
99 n-Butyl acrylate	73	9.291	9.286	0.005	97	2258	1.00	1.16	
103 Bromoform	173	9.482	9.488	-0.006	94	1654	1.00	0.9697	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	6178	1.00	1.20	
104 Isopropylbenzene	105	9.831	9.831	0.000	95	11201	1.00	0.8713	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	160791	50.0	53.9	
106 Bromobenzene	156	10.230	10.235	-0.005	96	2860	1.00	0.8906	
107 1,1,2,2-Tetrachloroethane	83	10.344	10.339	0.005	97	3526	1.00	0.9601	
109 1,2,3-Trichloropropane	110	10.372	10.372	0.000	96	929	1.00	1.04	
110 trans-1,4-Dichloro-2-butene	53	10.432	10.437	-0.005	82	938	1.00	1.16	
108 N-Propylbenzene	91	10.503	10.503	0.000	98	13117	1.00	0.8313	
111 2-Chlorotoluene	91	10.584	10.590	-0.006	96	8530	1.00	0.8824	
112 4-Ethyltoluene	105	10.704	10.699	0.005	98	10869	1.00	0.8785	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	8711	1.00	0.9392	
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	93	9746	1.00	0.8182	
115 Butyl Methacrylate	87	11.081	11.081	0.000	95	3580	1.00	0.9475	
116 tert-Butylbenzene	119	11.321	11.321	0.000	94	6654	1.00	0.5706	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	97	11219	1.00	0.9209	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	11280	1.00	0.7551	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	94	5773	1.00	0.9655	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	96	186749	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	97	9996	1.00	0.7927	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	75	6144	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	98	11581	NC	NC	
124 Benzyl chloride	91	12.041	12.036	0.005	99	5344	1.00	1.02	
125 2,3-Dihydroindene	117	12.156	12.161	-0.005	95	10933	1.00	0.9416	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	94	6433	1.00	0.9883	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	5891	1.00	0.9288	
127 n-Butylbenzene	92	12.336	12.341	-0.005	96	5830	1.00	0.8907	
130 1,2-Dibromo-3-Chloropropane	157	13.105	13.122	-0.017	54	837	1.00	0.9774	
129 1,2,4,5-Tetramethylbenzene	119	13.116	13.127	-0.011	97	11655	1.00	0.9071	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	95	5492	1.00	0.99	
132 1,2,4-Trichlorobenzene	180	13.875	13.896	-0.021	93	6186	1.00	1.09	
133 Hexachlorobutadiene	225	14.049	14.071	-0.022	94	2360	1.00	0.8292	
134 Naphthalene	128	14.076	14.104	-0.028	99	21779	1.00	1.02	
135 1,2,3-Trichlorobenzene	180	14.289	14.317	-0.028	93	6610	1.00	1.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.92	
S 137 Xylenes, Total	100				0		2.00	2.00	
S 139 Total BTEX	1				0		5.00	5.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00124	Amount Added: 1.00	Units: uL		
524freon_00026	Amount Added: 1.00	Units: uL		
GASES Li_00383	Amount Added: 1.00	Units: uL		
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:35:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D

Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9 Operator ID:

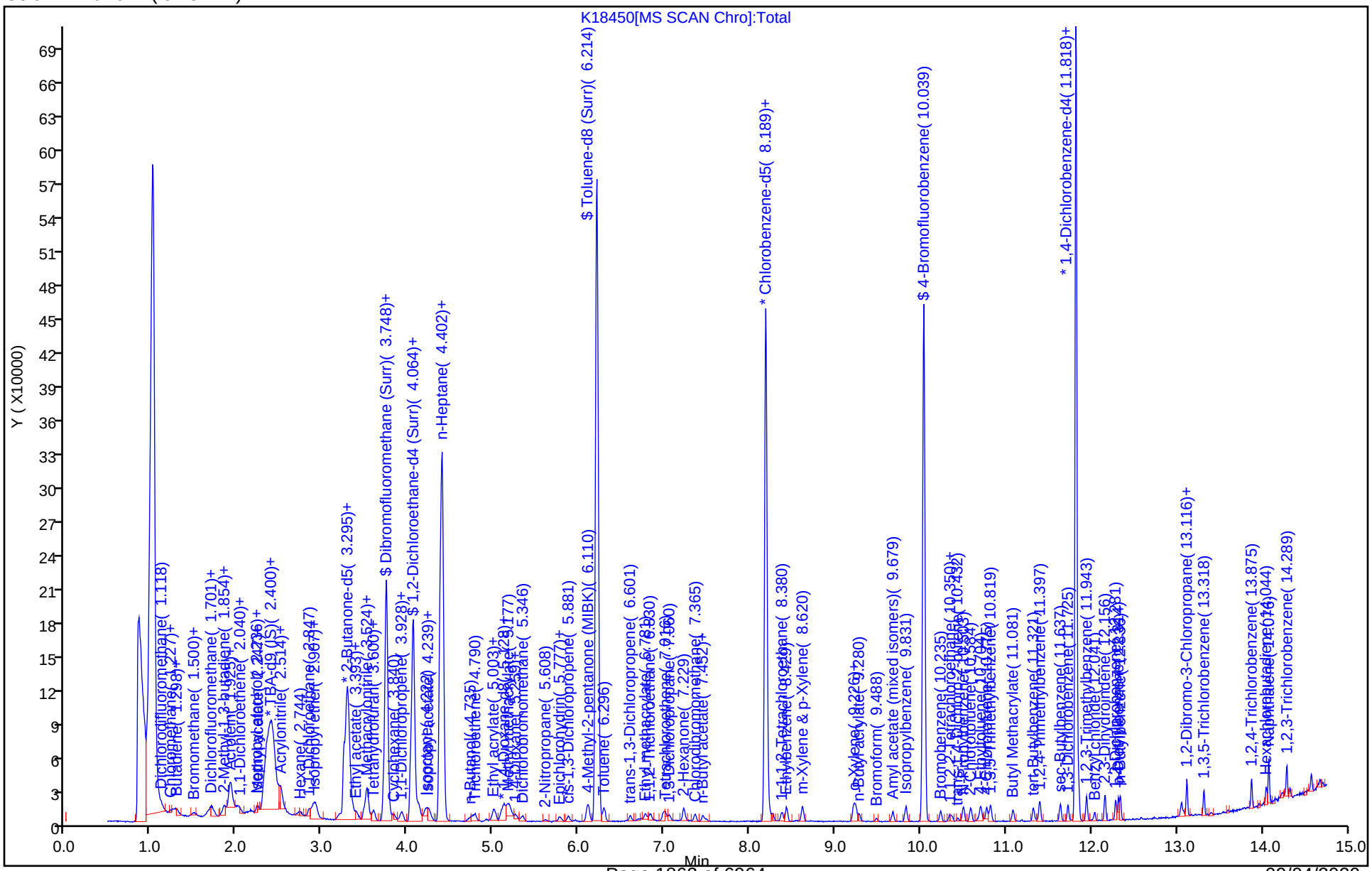
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

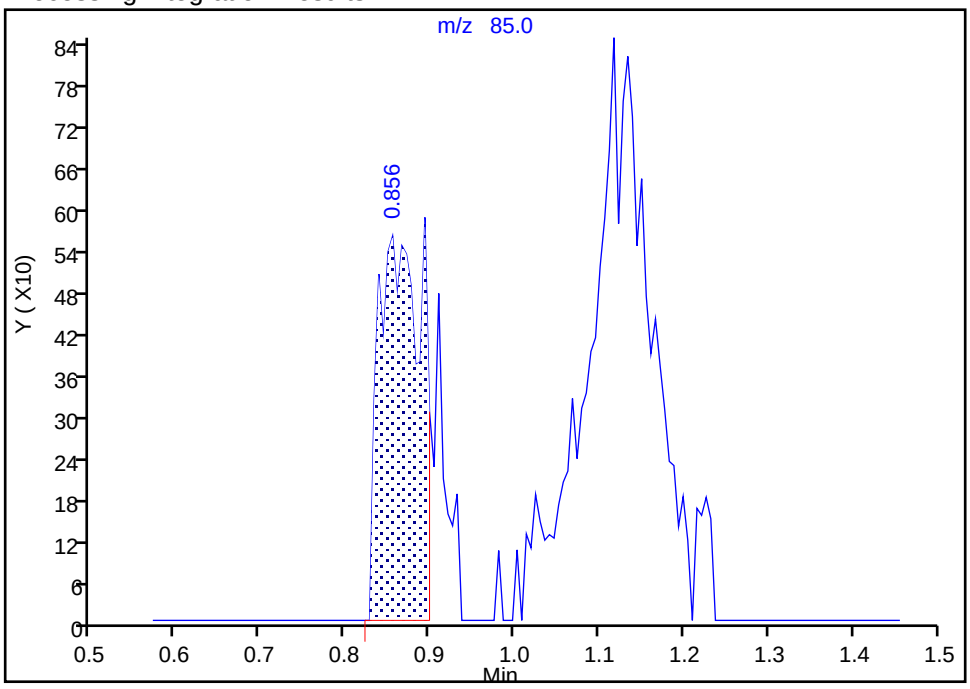
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

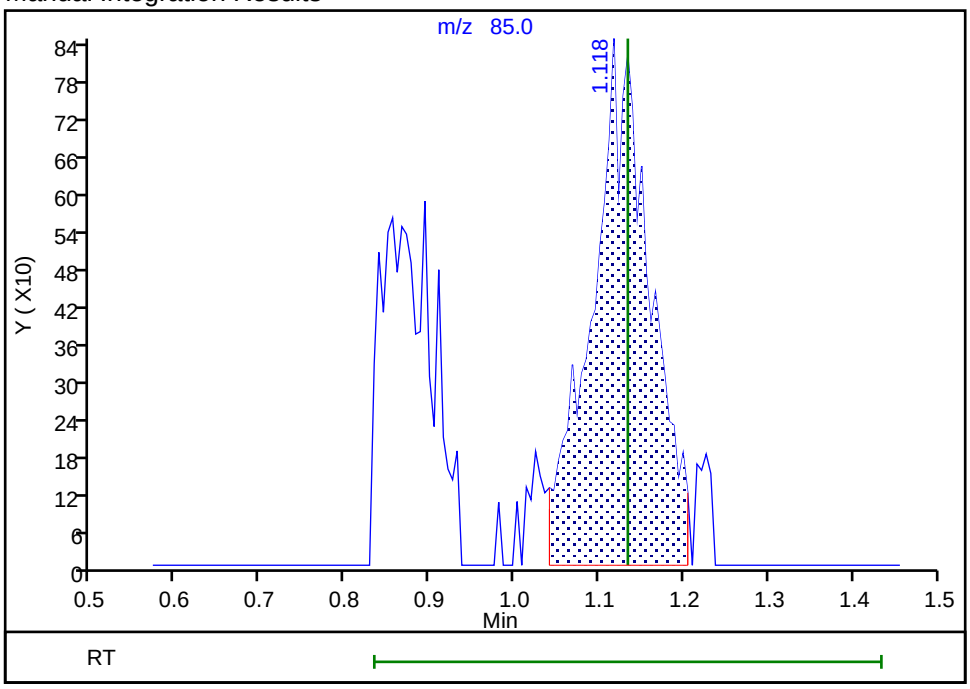
Processing Integration Results

RT: 0.86
Area: 1955
Amount: 0.385666
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 4038
Amount: 0.844994
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:31:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

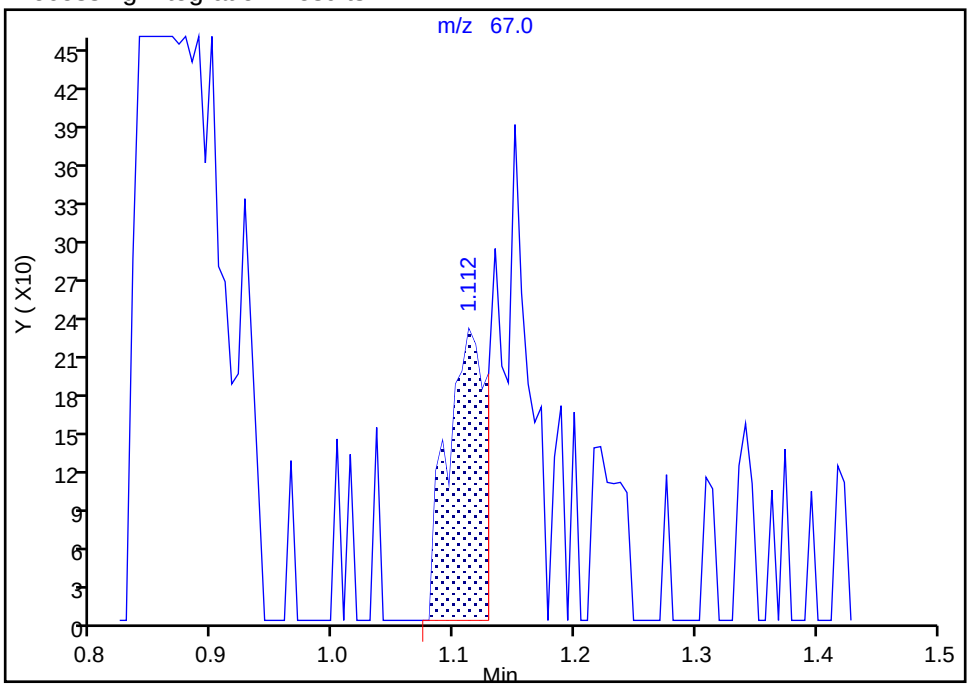
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

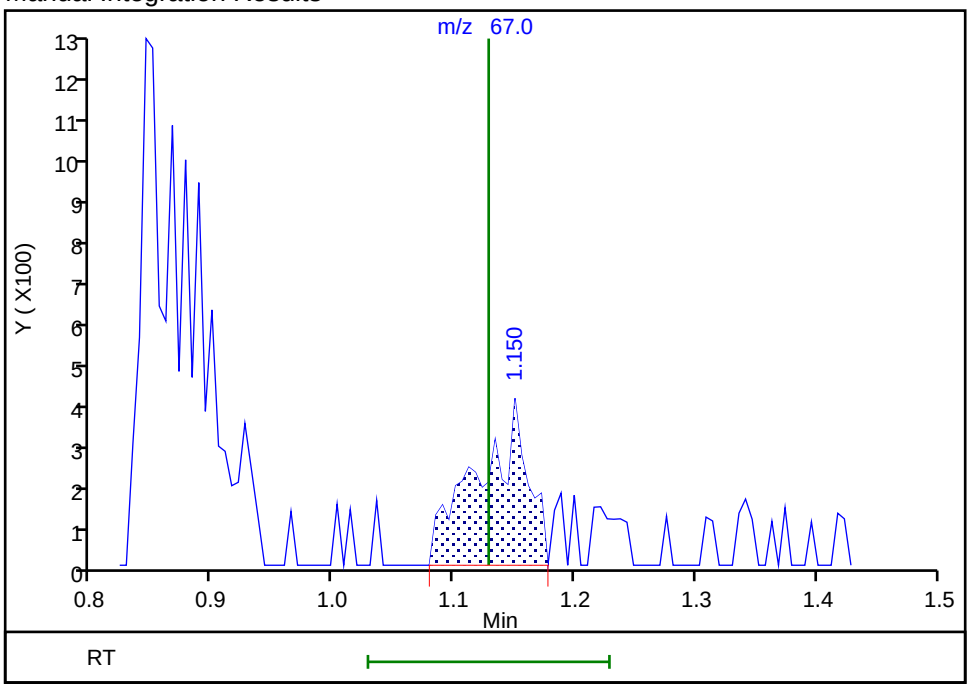
Processing Integration Results

RT: 1.11
Area: 510
Amount: 0.785321
Amount Units: ug/l



Manual Integration Results

RT: 1.15
Area: 1108
Amount: 0.985613
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:30:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

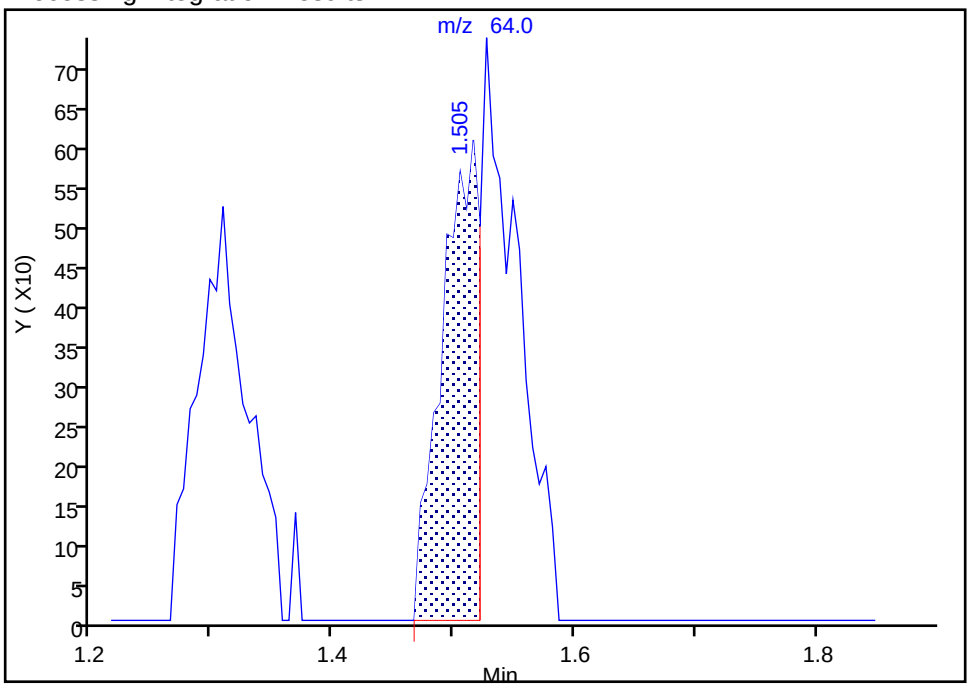
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

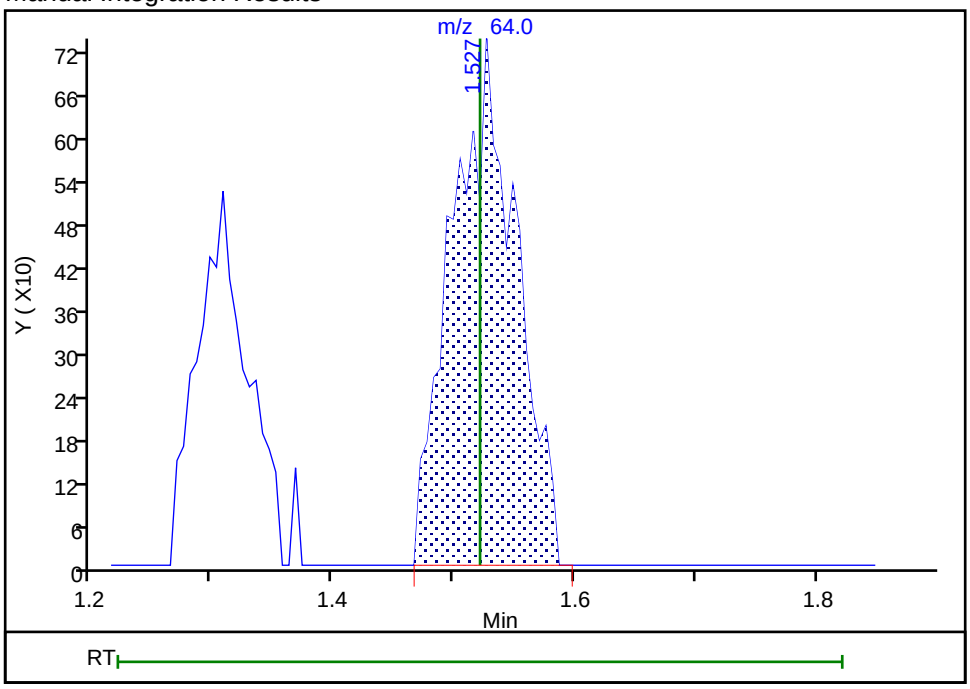
Processing Integration Results

RT: 1.50
Area: 1312
Amount: 0.568562
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 2726
Amount: 1.143412
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:31:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

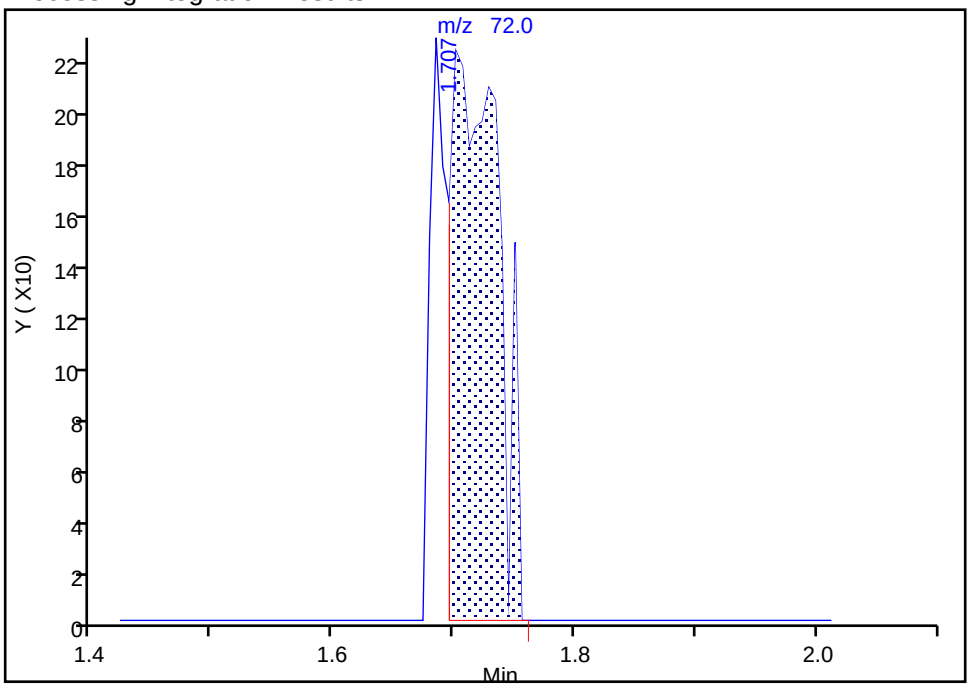
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

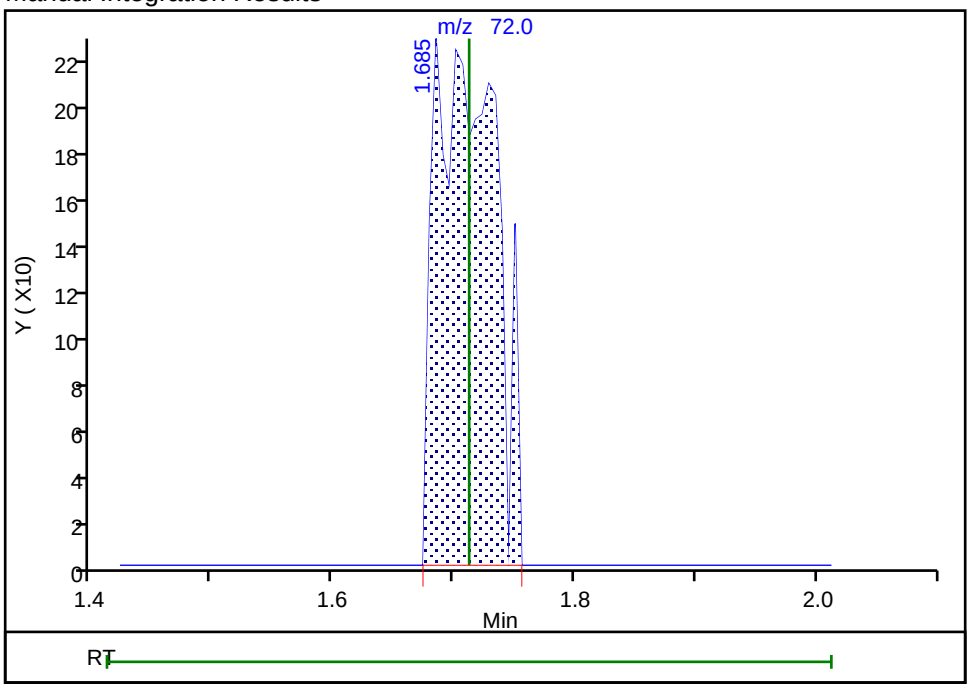
Processing Integration Results

RT: 1.71
Area: 599
Amount: 0.904067
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 777
Amount: 1.514791
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:31:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

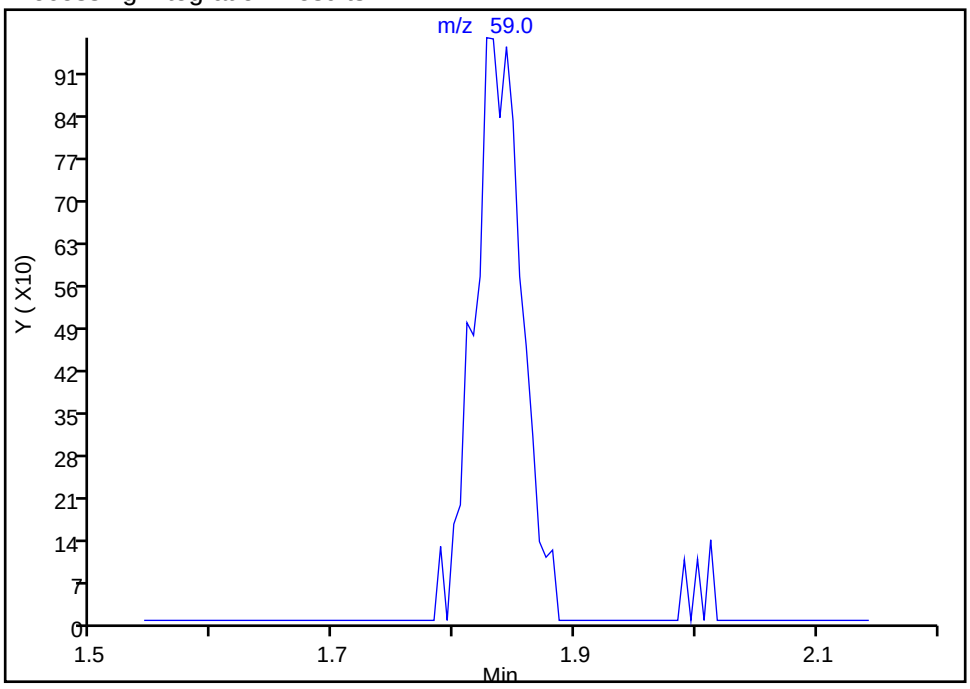
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Signal: 1

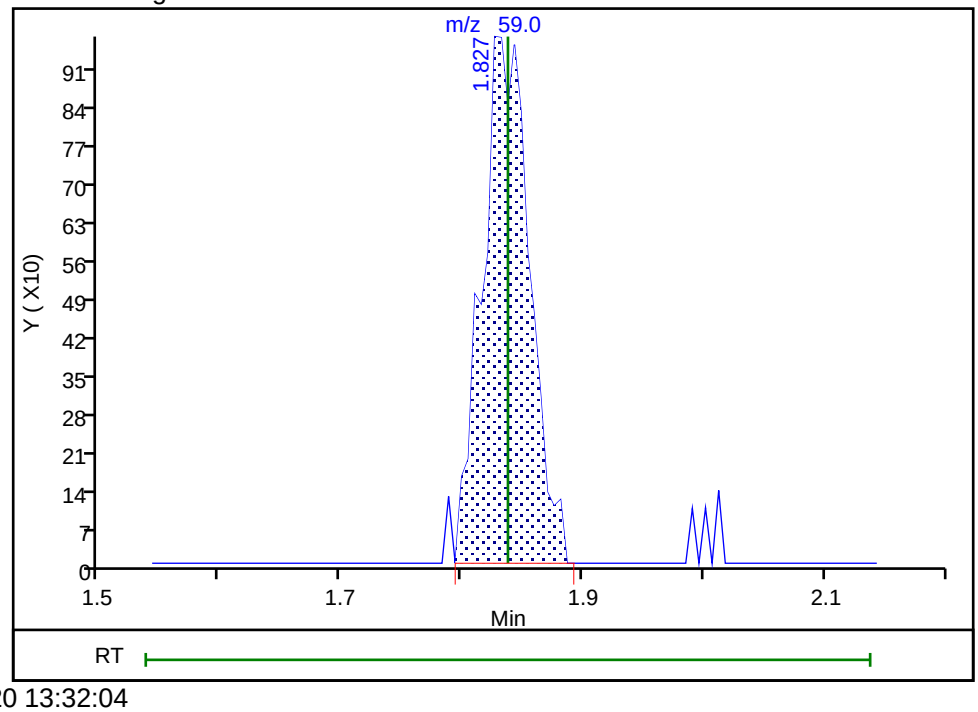
Not Detected
Expected RT: 1.84

Processing Integration Results



Manual Integration Results

RT: 1.83
Area: 2664
Amount: 1.102093
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

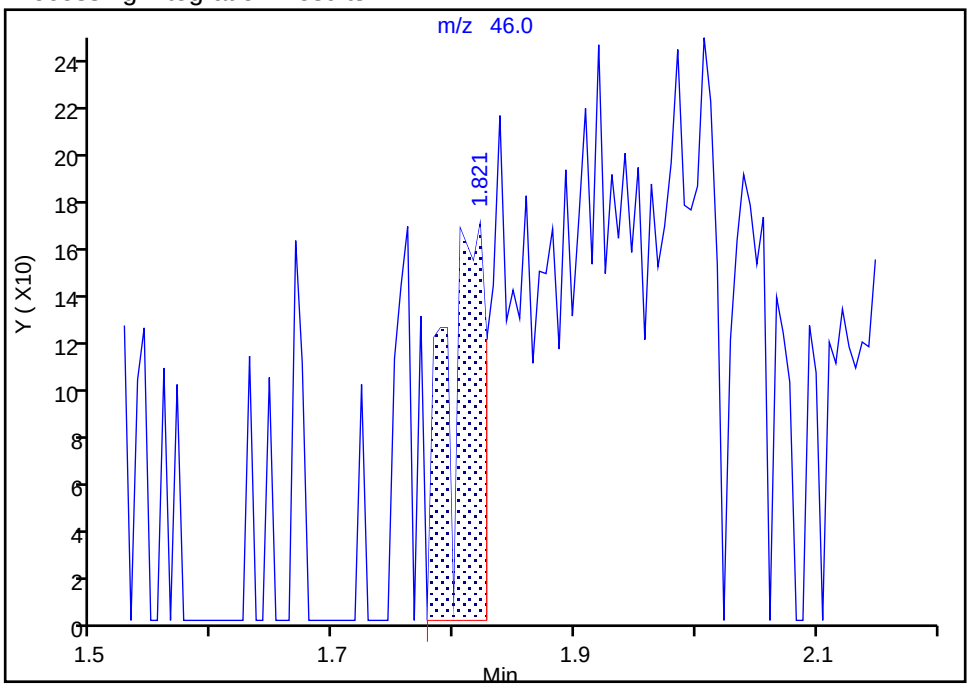
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

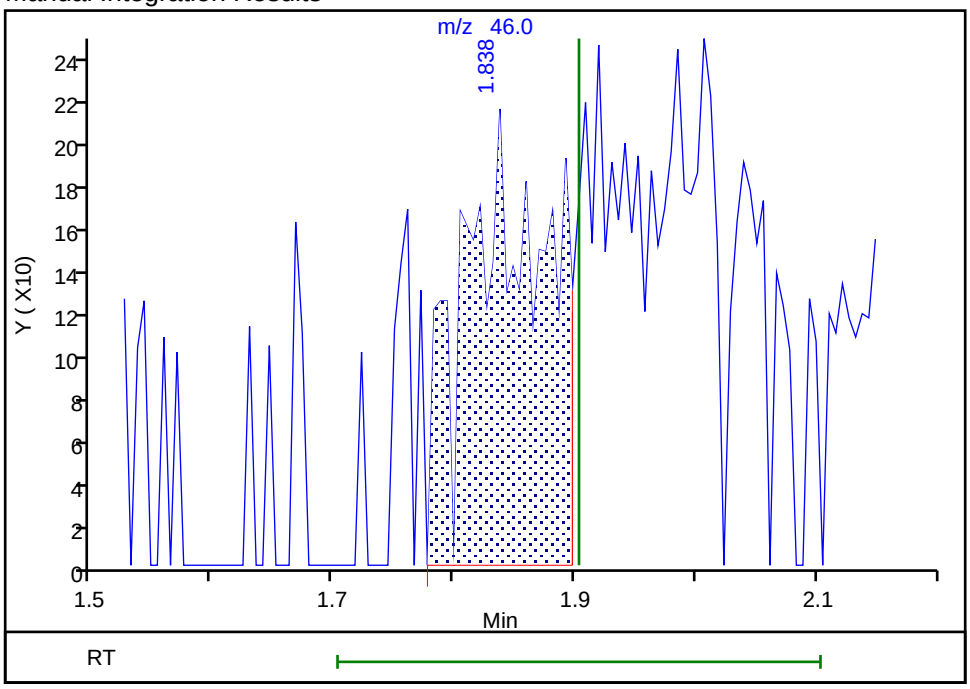
Processing Integration Results

RT: 1.82
Area: 371
Amount: 16.063925
Amount Units: ug/l



Manual Integration Results

RT: 1.84
Area: 1004
Amount: 40.394111
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

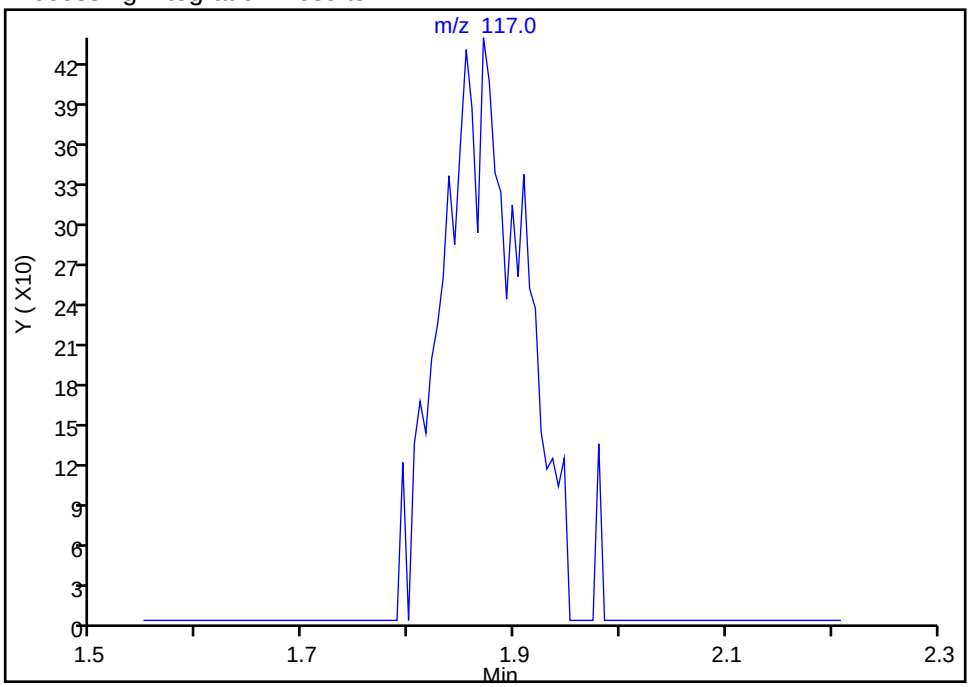
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

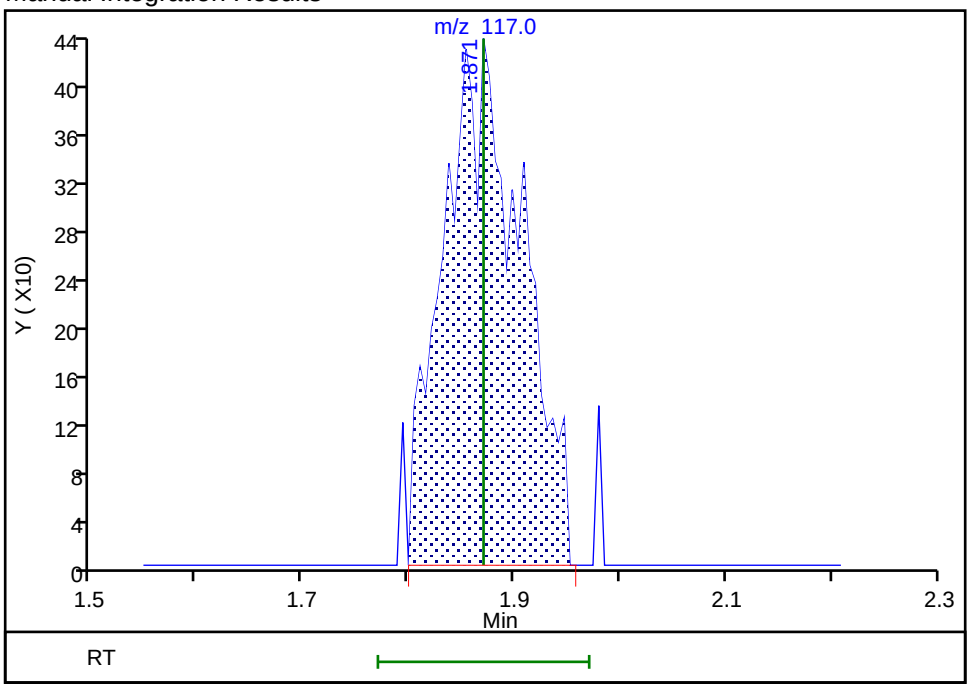
Not Detected
Expected RT: 1.87

Processing Integration Results



Manual Integration Results

RT: 1.87
Area: 2273
Amount: 0.924895
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

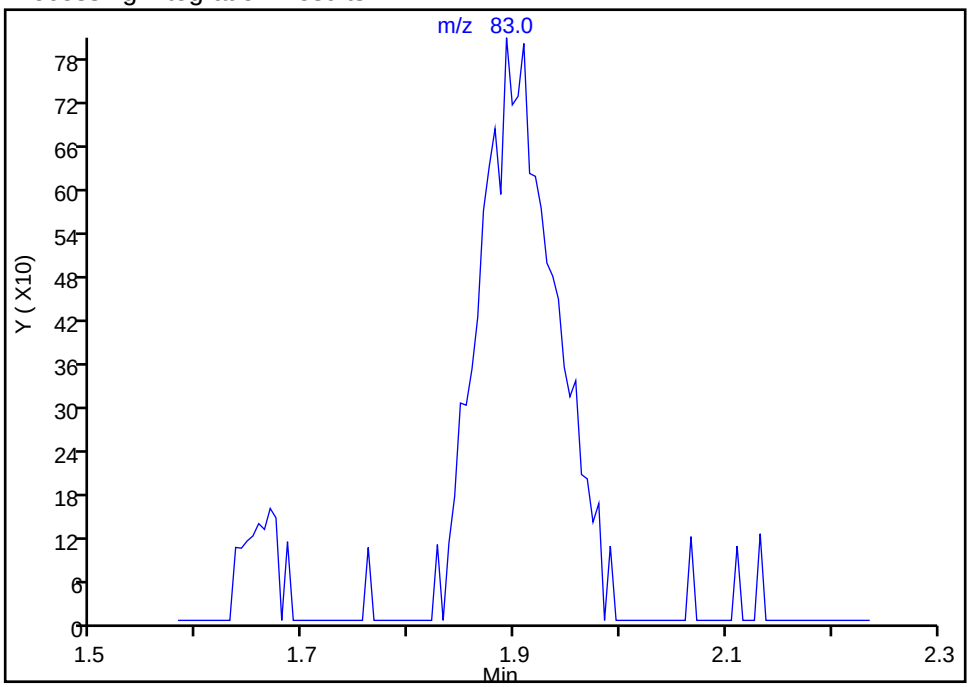
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

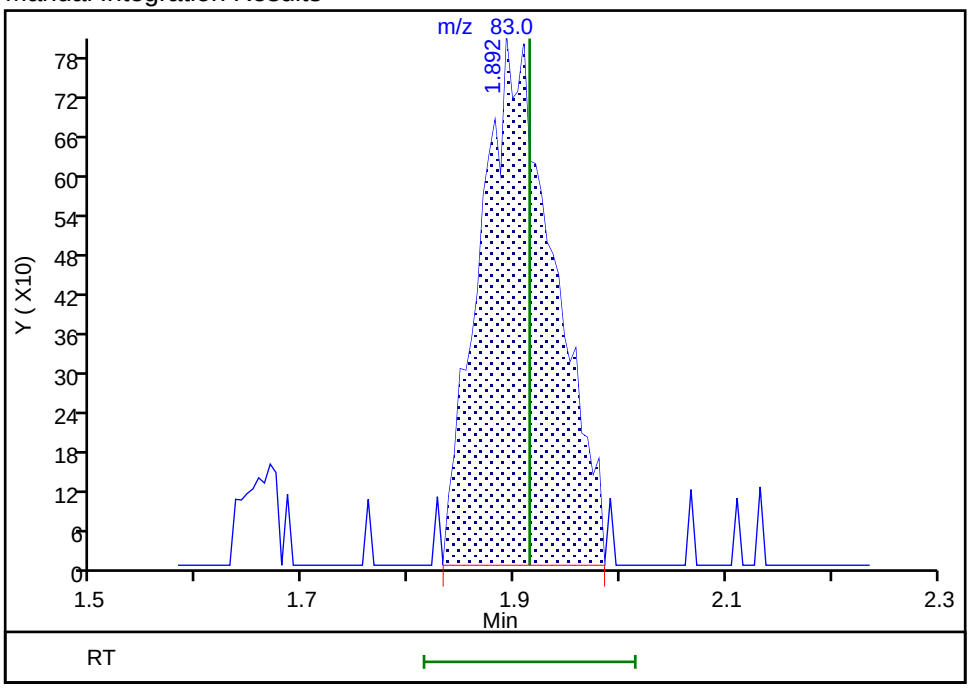
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.89
Area: 3952
Amount: 0.913960
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:32:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

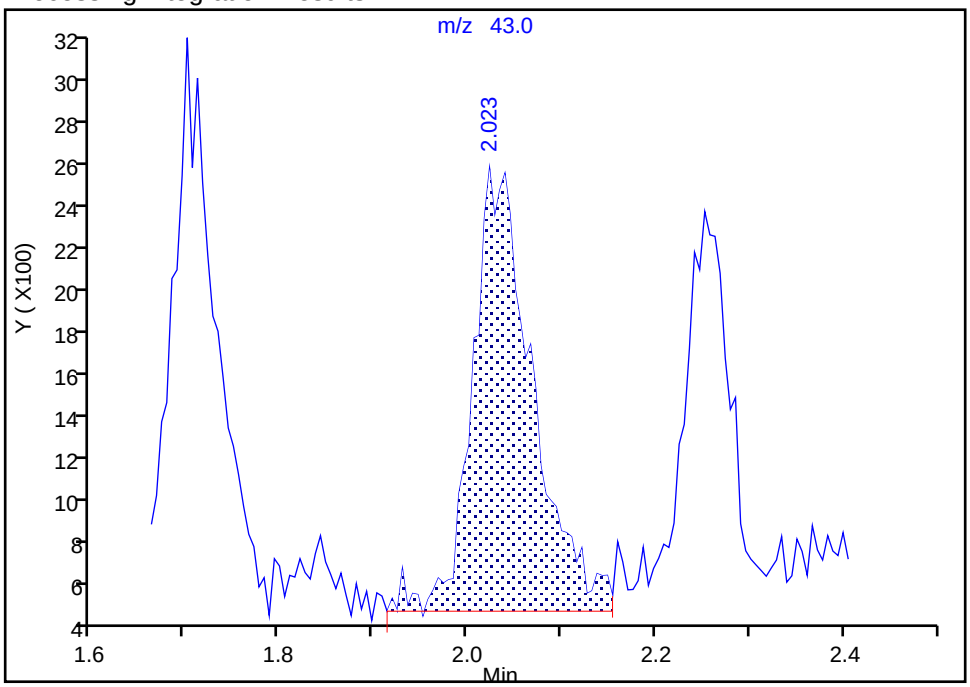
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

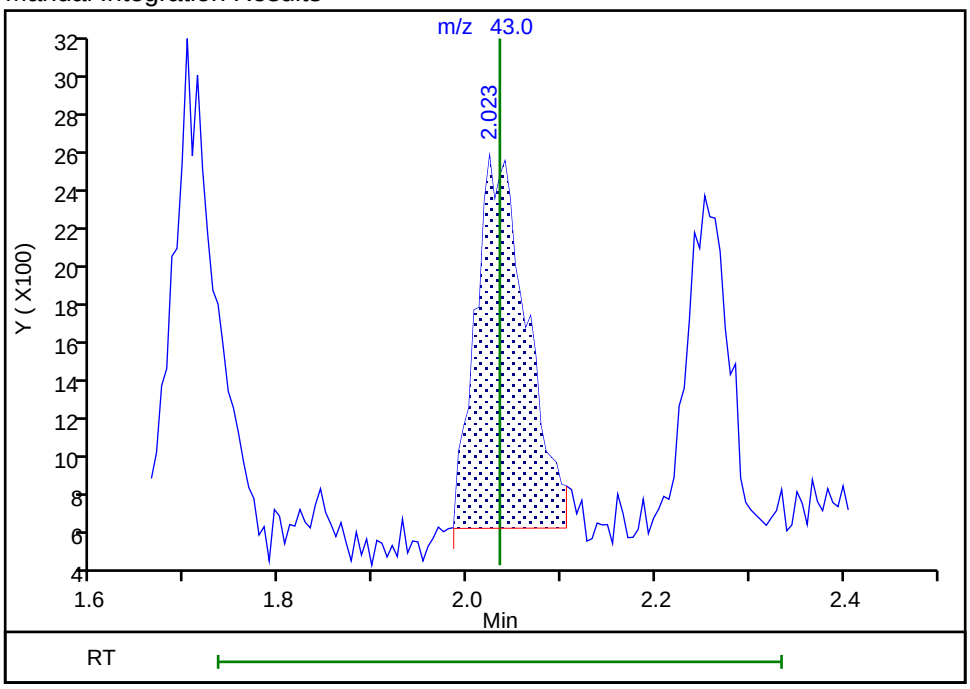
Processing Integration Results

RT: 2.02
Area: 9275
Amount: 6.890648
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 7292
Amount: 6.324743
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:04:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

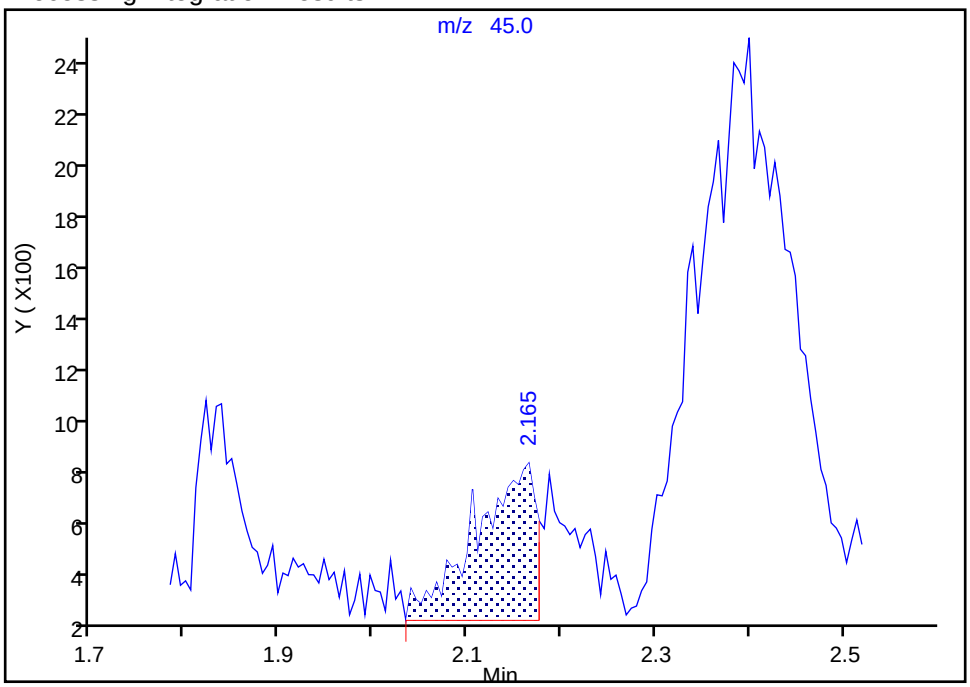
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

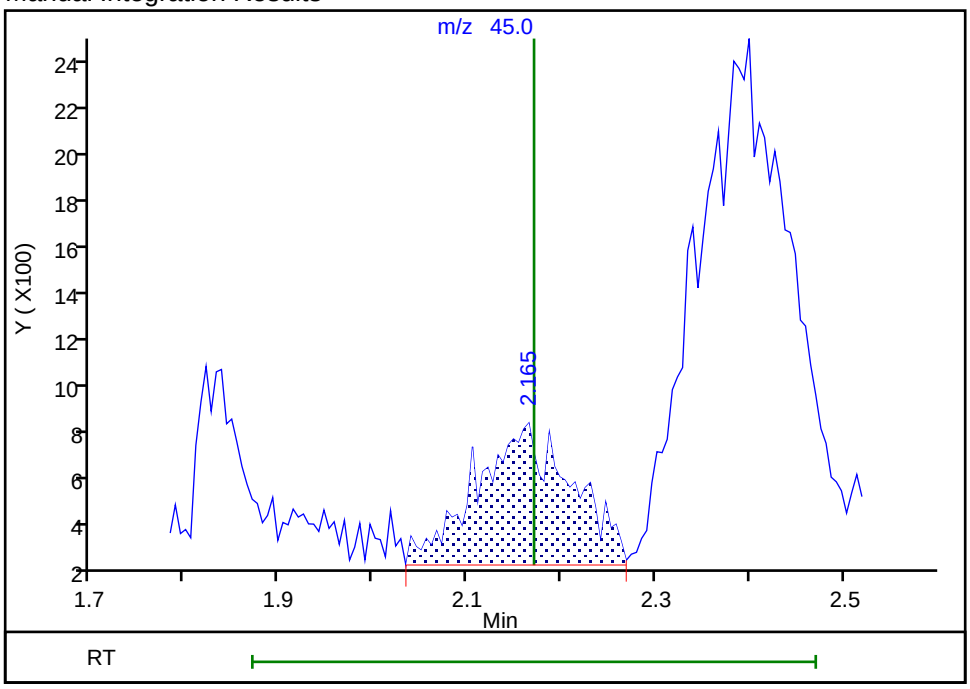
Processing Integration Results

RT: 2.17
Area: 2683
Amount: 6.355212
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 4235
Amount: 10.467640
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:33:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

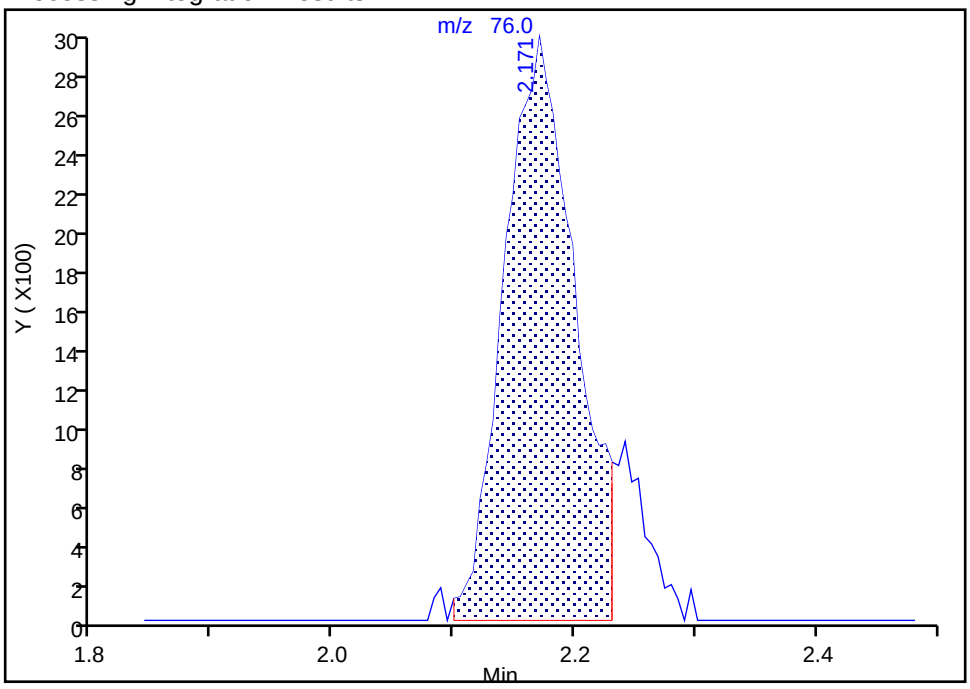
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

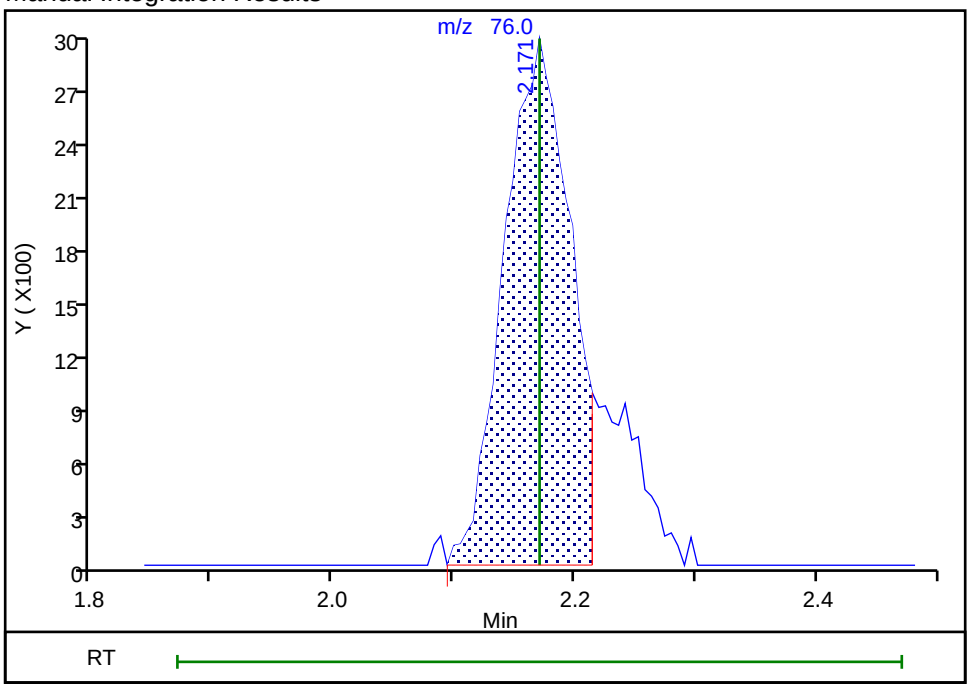
Processing Integration Results

RT: 2.17
Area: 12271
Amount: 0.910631
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 11411
Amount: 0.911900
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:47:49
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

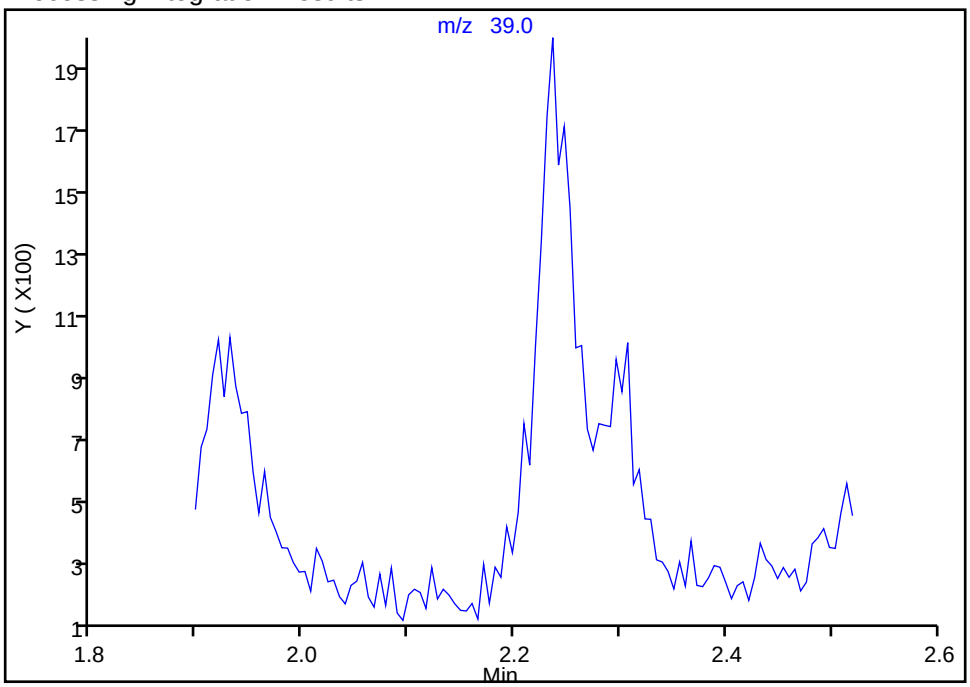
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

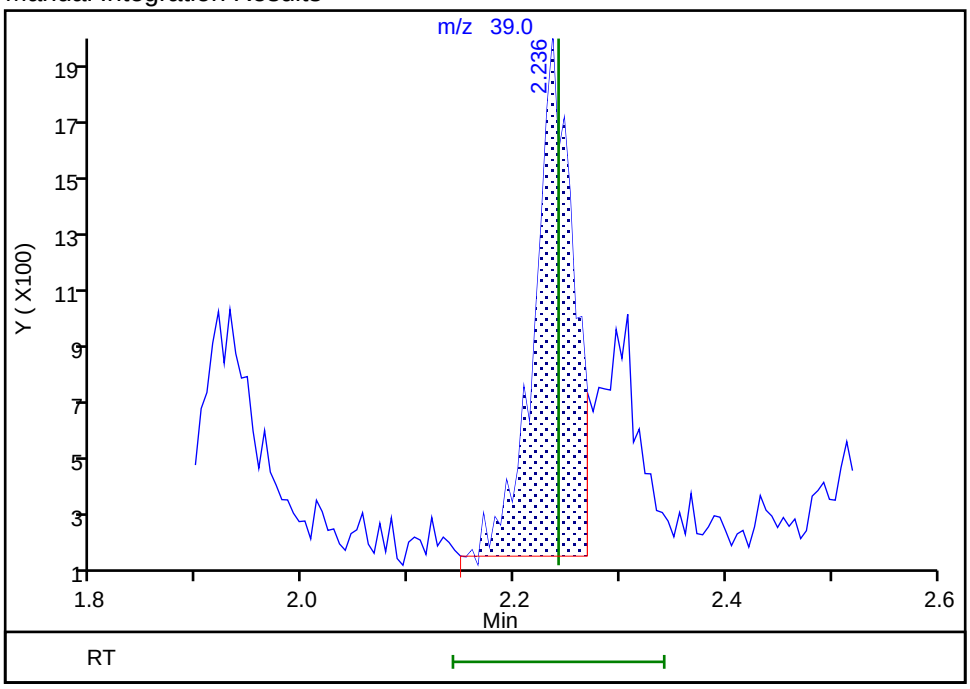
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 4480
Amount: 1.002919
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:33:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

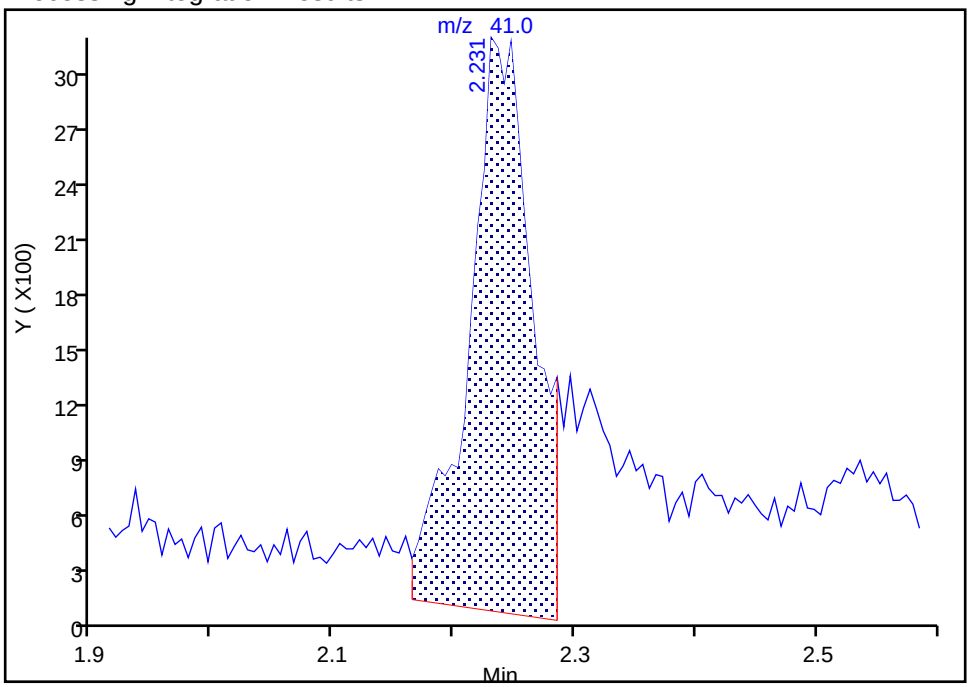
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

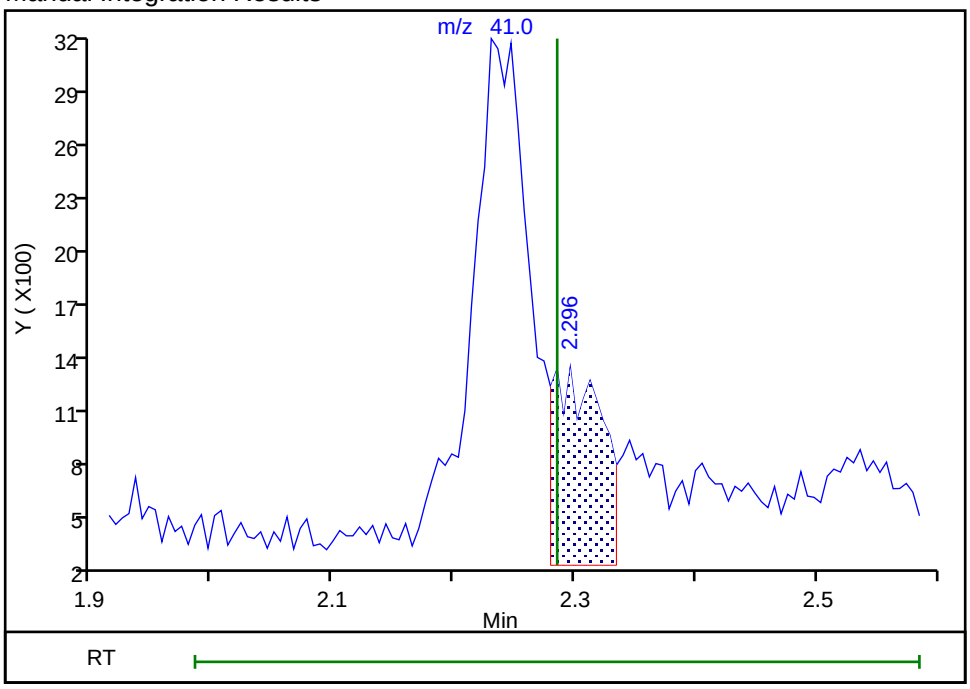
Processing Integration Results

RT: 2.23
Area: 11580
Amount: 7.379860
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 3182
Amount: 9.657890
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:06:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

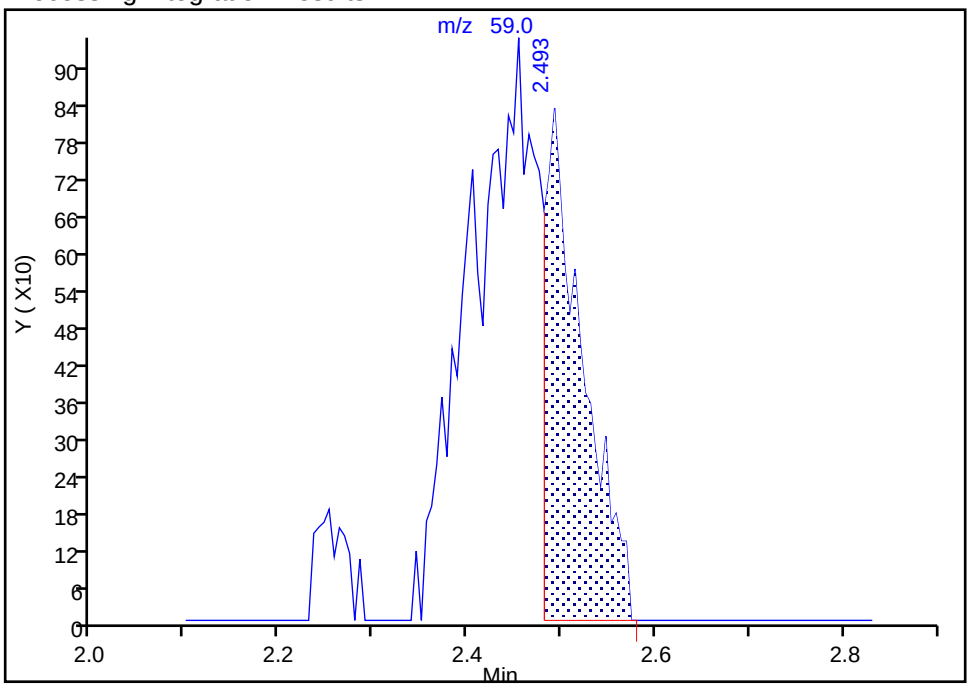
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

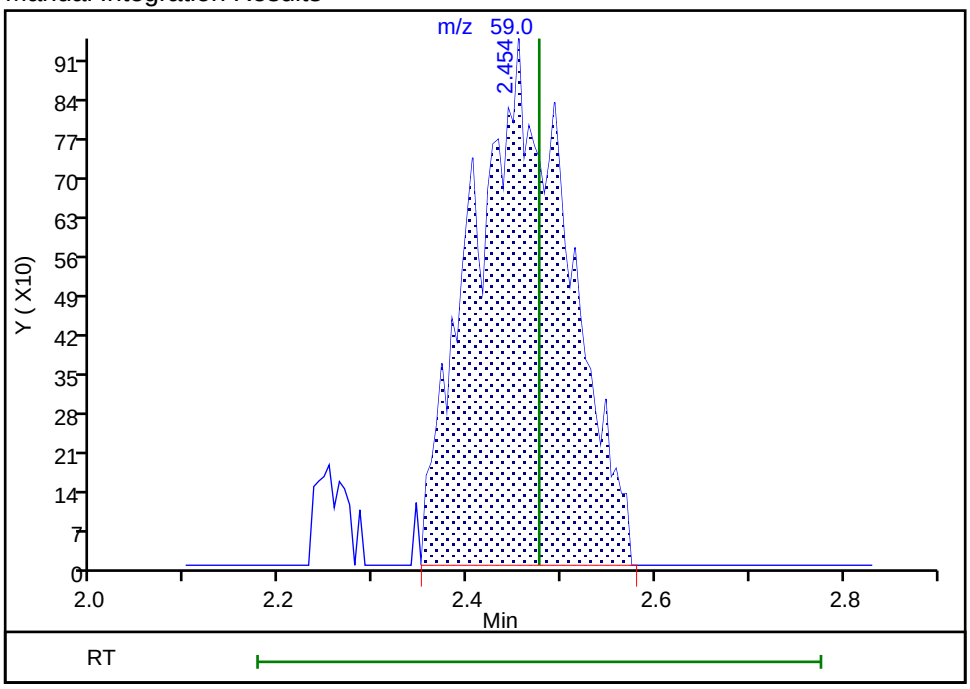
Processing Integration Results

RT: 2.49
Area: 2339
Amount: 14.668098
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 6750
Amount: 12.173243
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:34:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

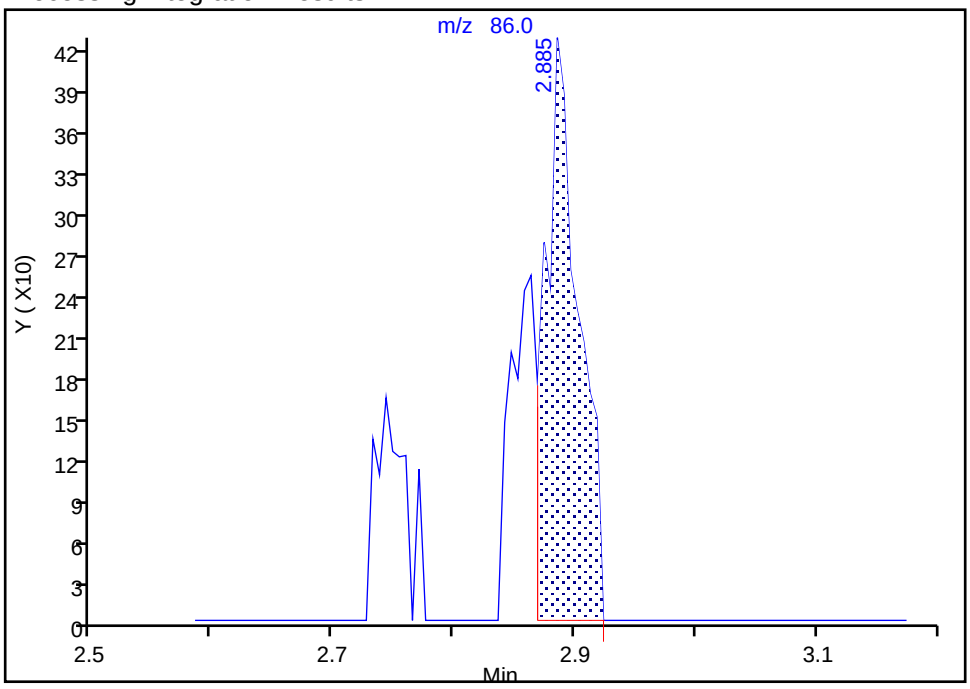
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

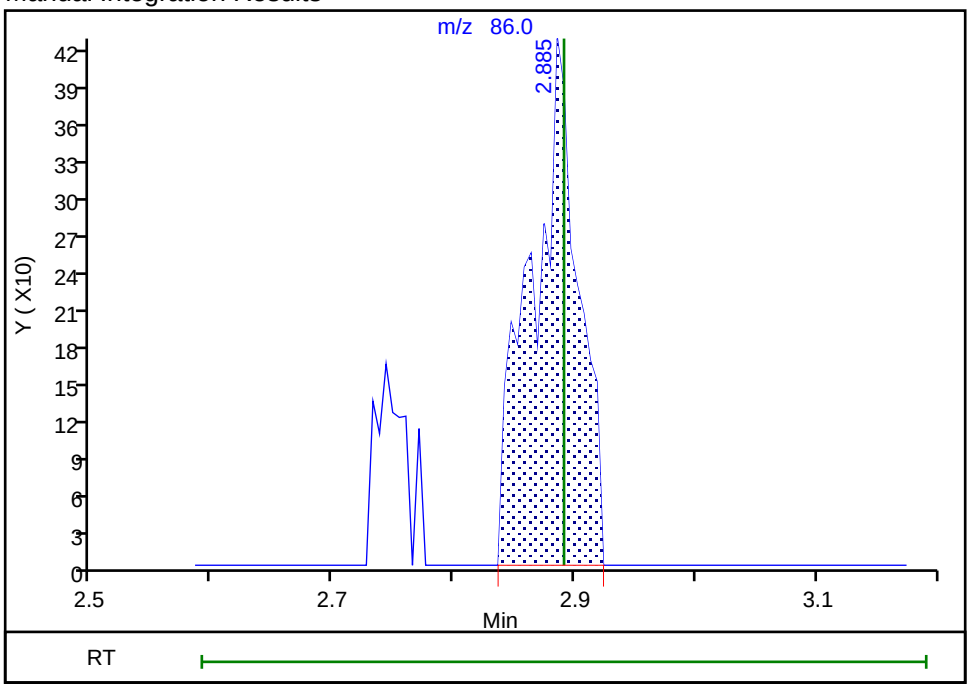
Processing Integration Results

RT: 2.89
Area: 814
Amount: 0.958683
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 1144
Amount: 1.390571
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:13:33
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

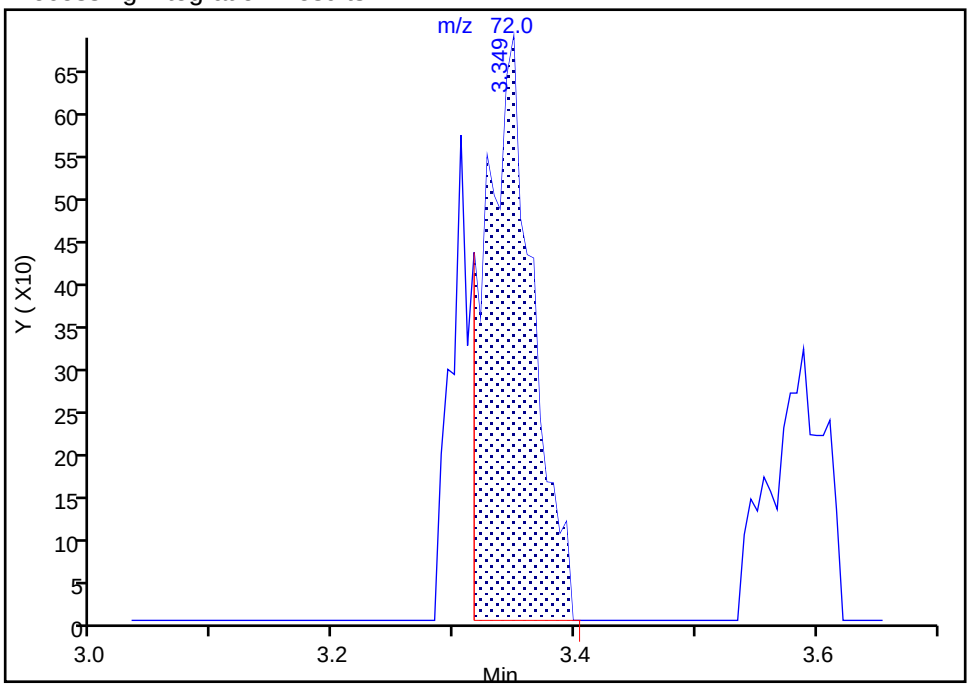
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

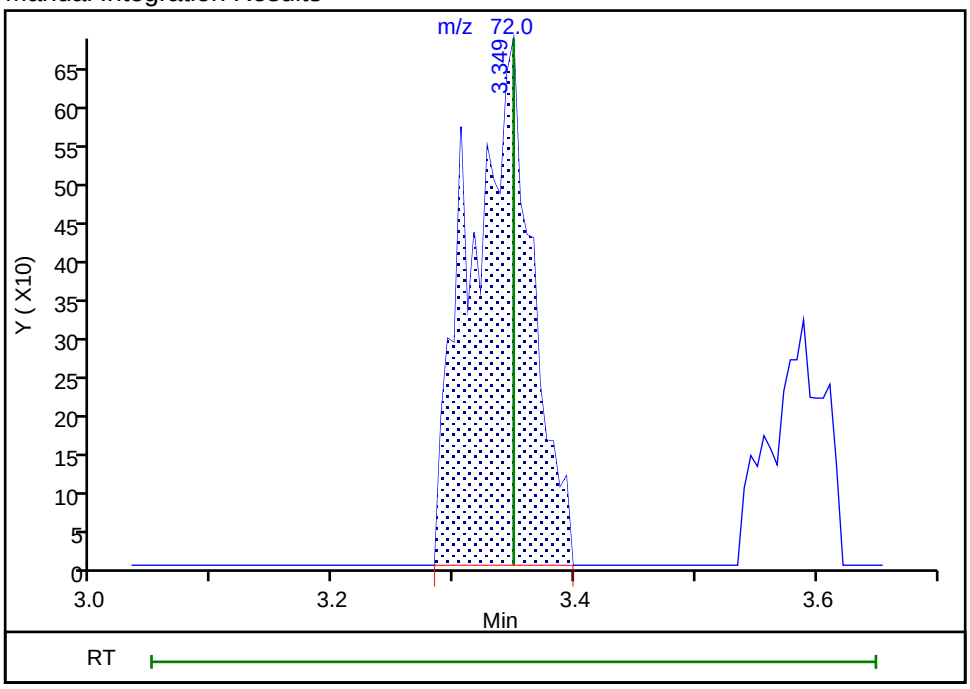
Processing Integration Results

RT: 3.35
Area: 1884
Amount: 5.173664
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 2433
Amount: 6.037312
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

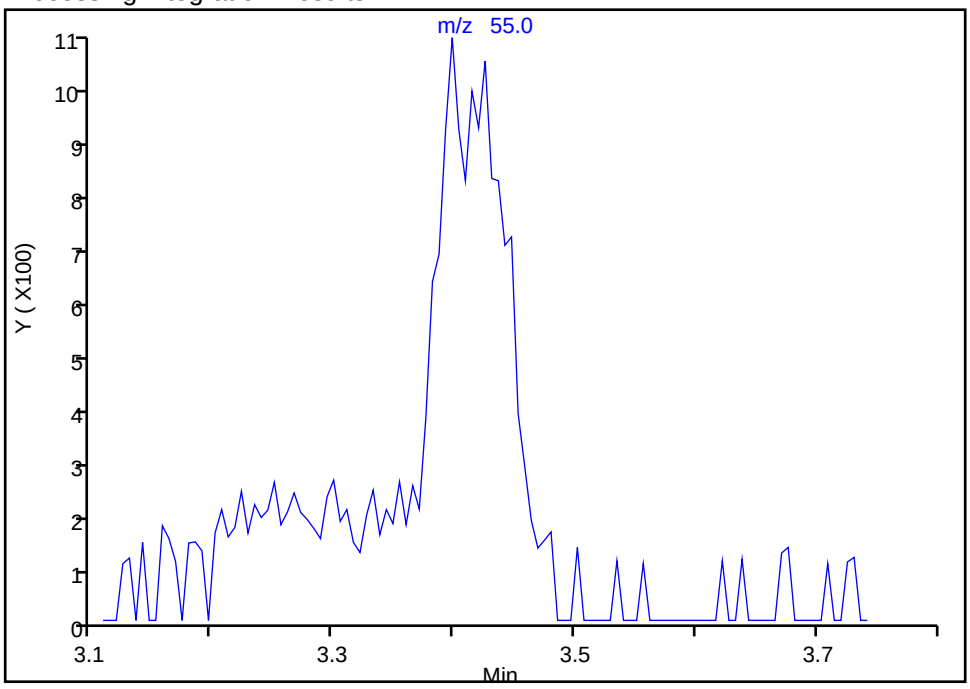
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

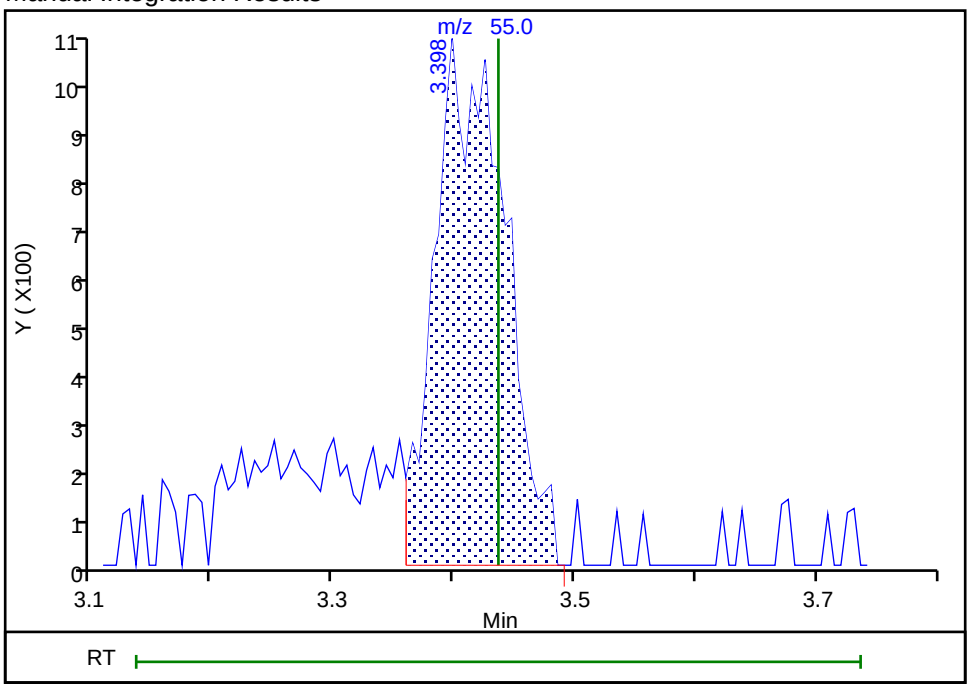
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 4222
Amount: 1.306104
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

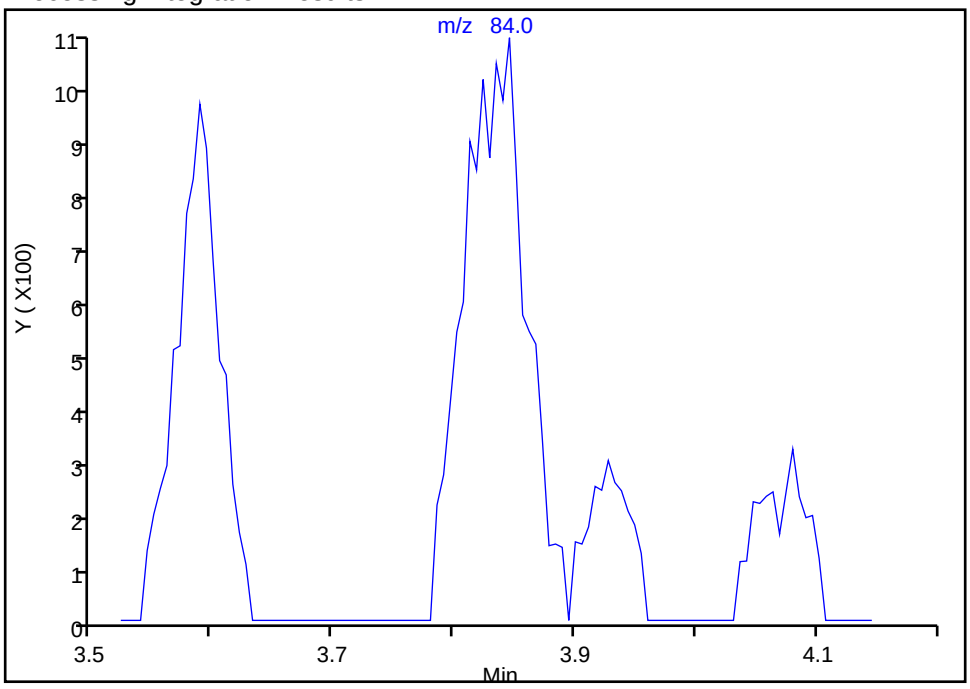
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Signal: 1

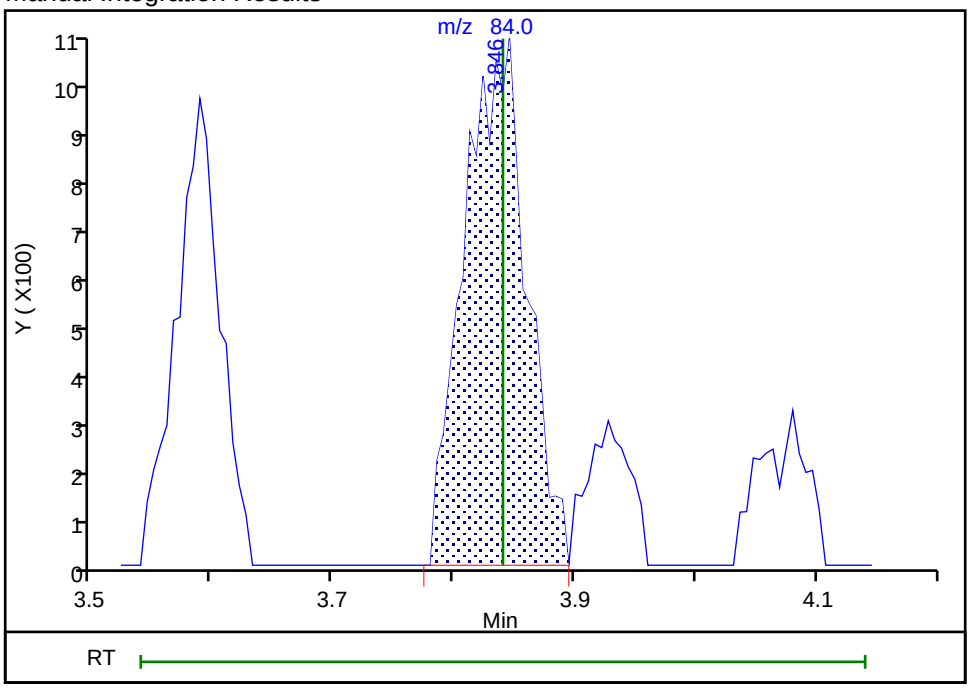
Not Detected
Expected RT: 3.84

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 3817
Amount: 0.801647
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

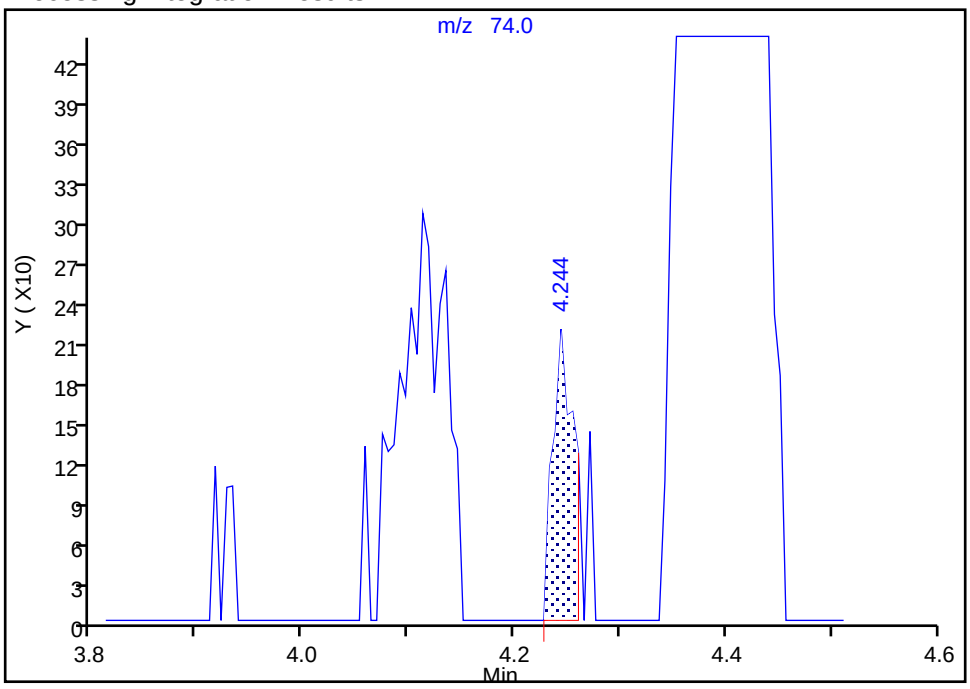
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

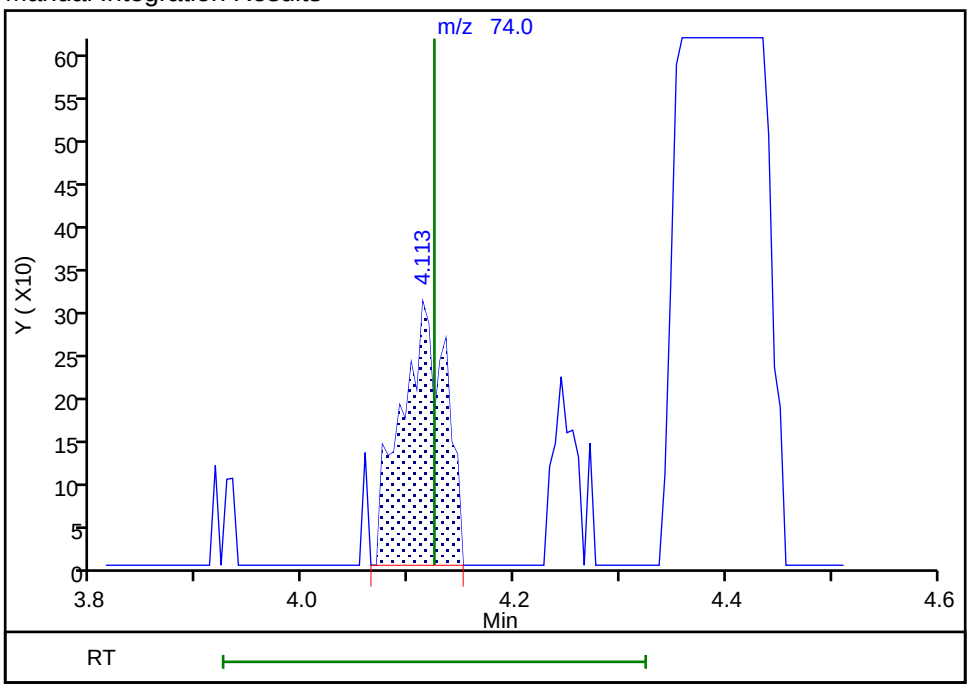
Processing Integration Results

RT: 4.24
Area: 299
Amount: 10.224703
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 890
Amount: 13.512425
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

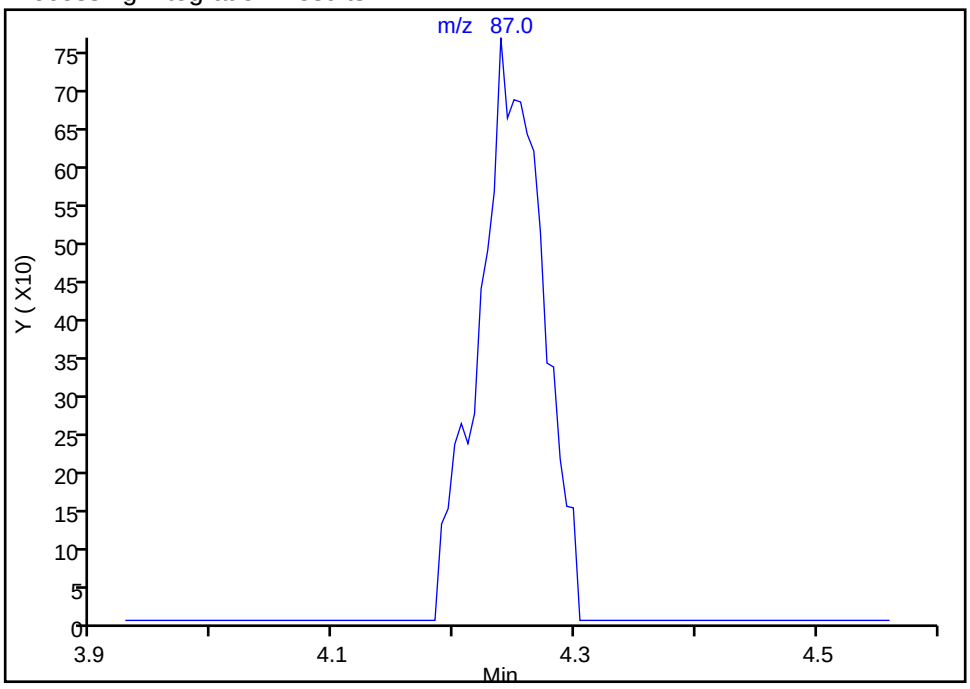
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

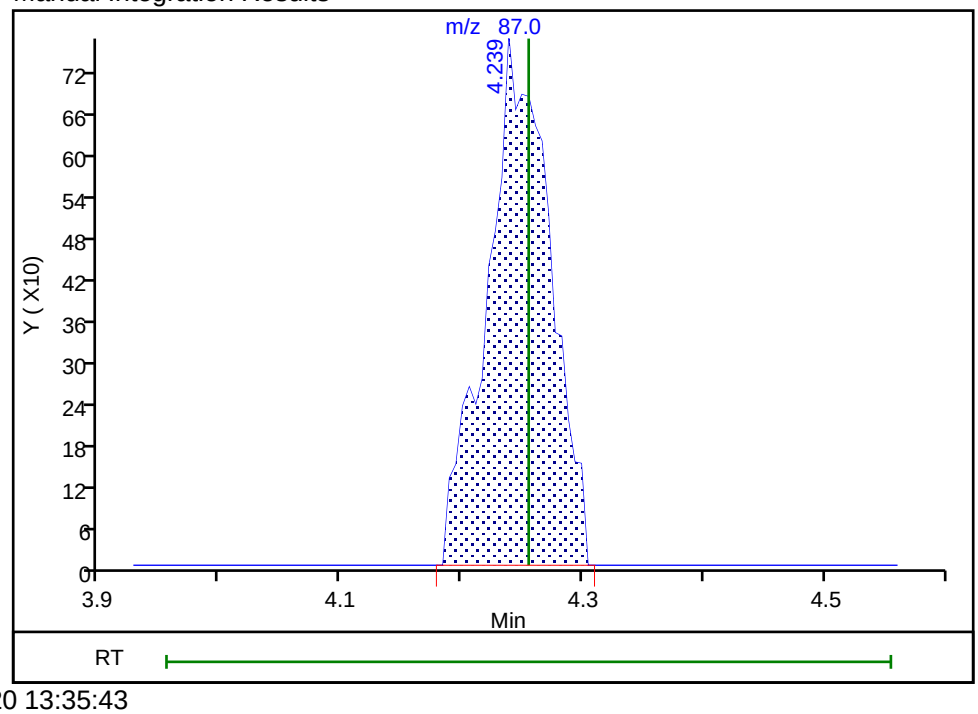
Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 2763
Amount: 1.014975
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

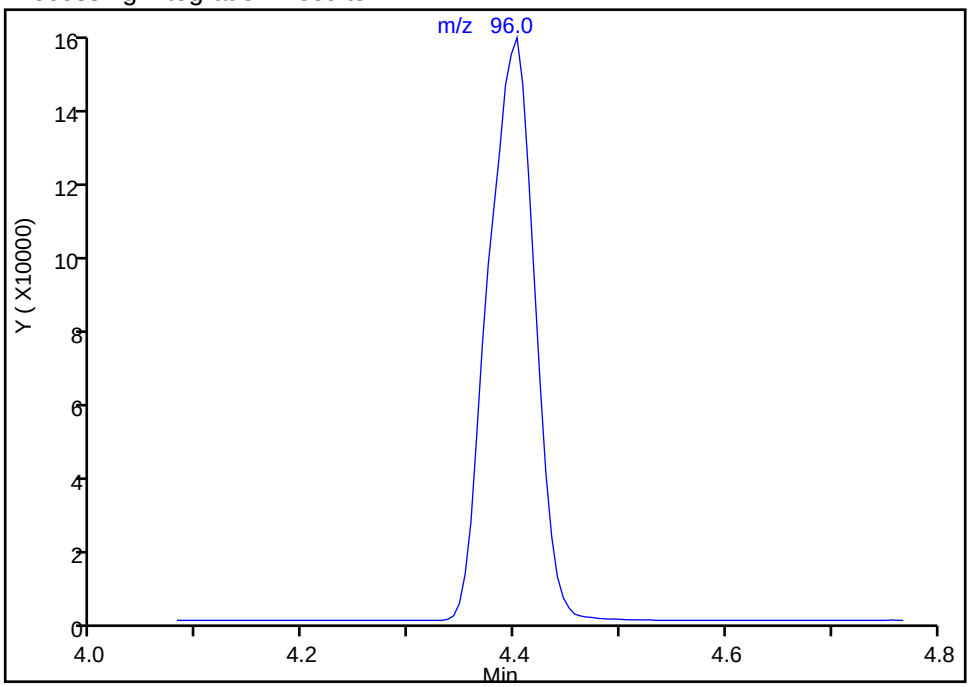
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

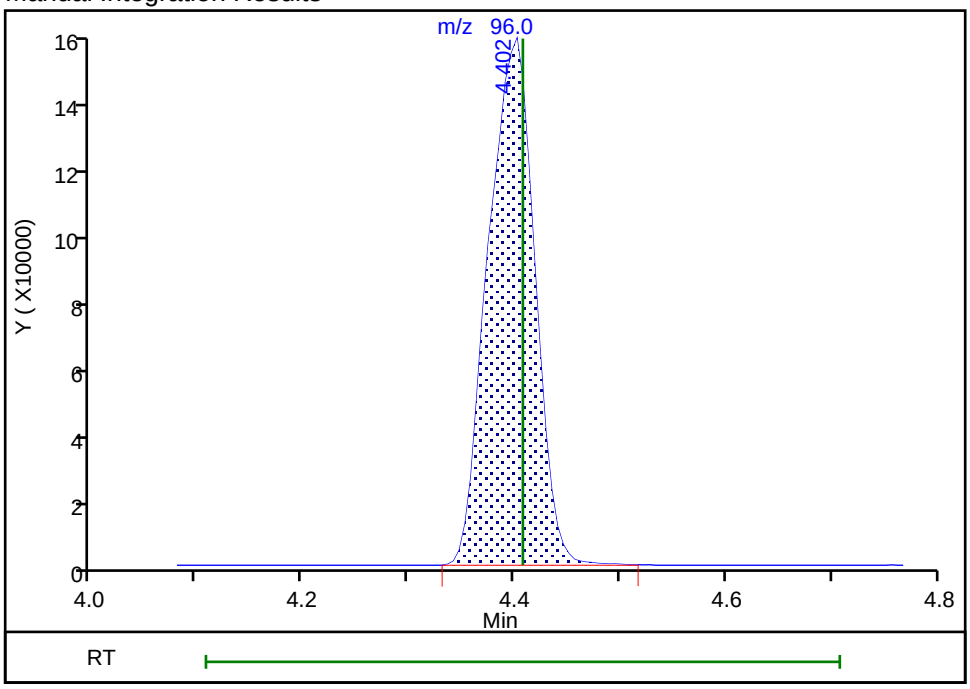
Not Detected
Expected RT: 4.41

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 472217
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:30:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

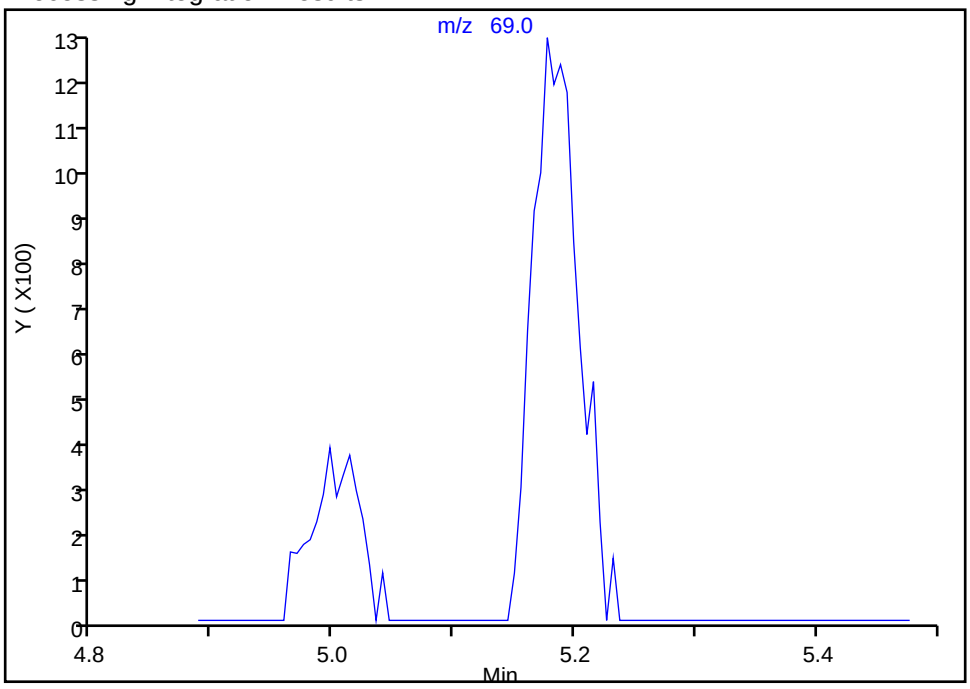
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Methyl methacrylate, CAS: 80-62-6

Signal: 1

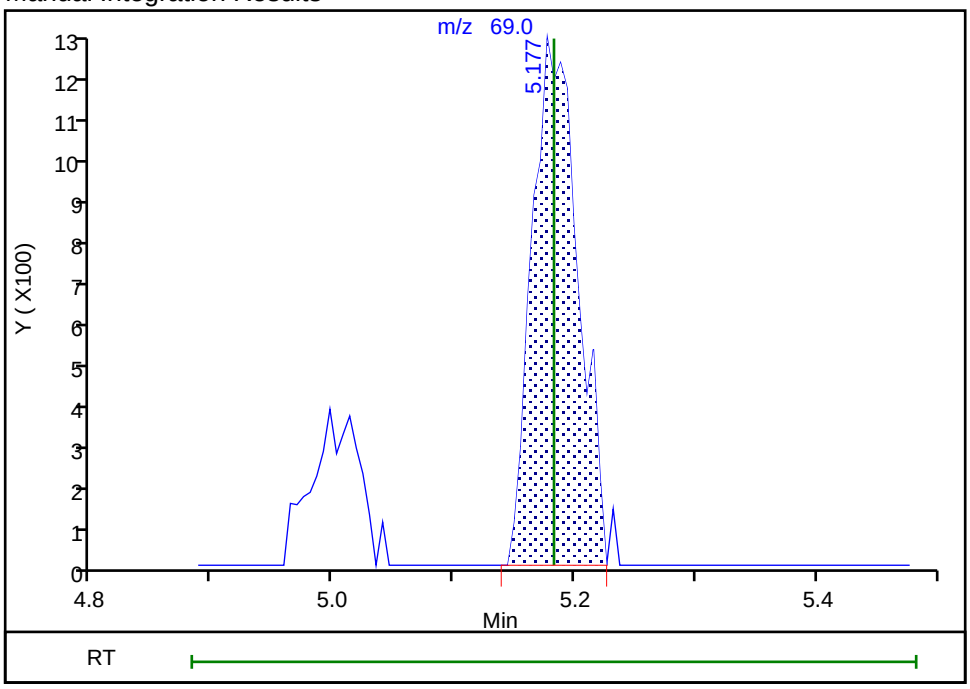
Not Detected
Expected RT: 5.18

Processing Integration Results



Manual Integration Results

RT: 5.18
Area: 3264
Amount: 1.908380
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:35:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

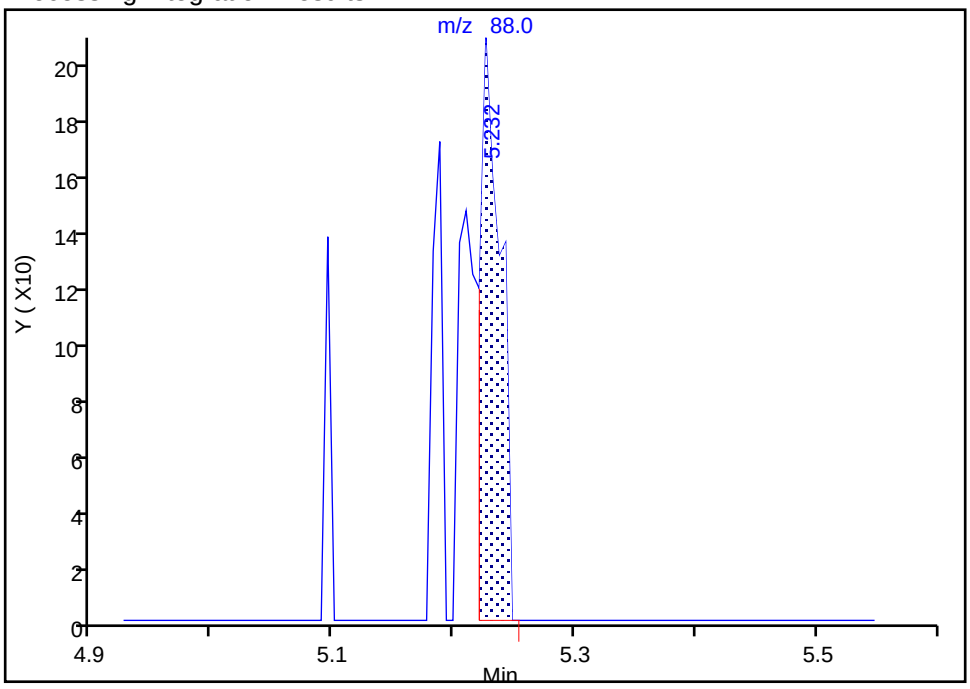
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

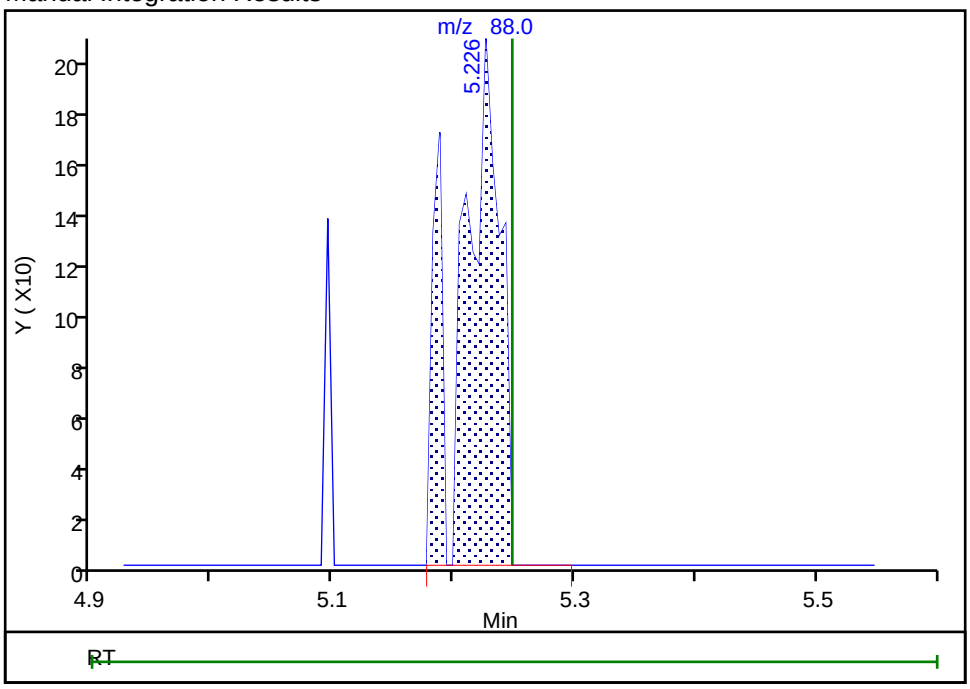
Processing Integration Results

RT: 5.23
Area: 238
Amount: 8.636175
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 463
Amount: 19.768568
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:36:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

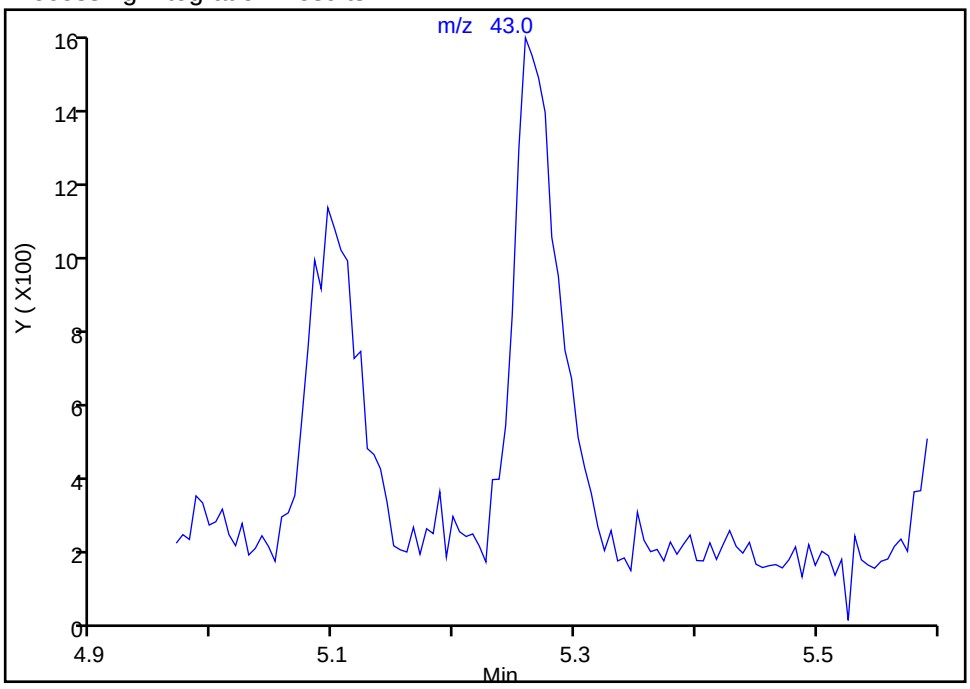
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

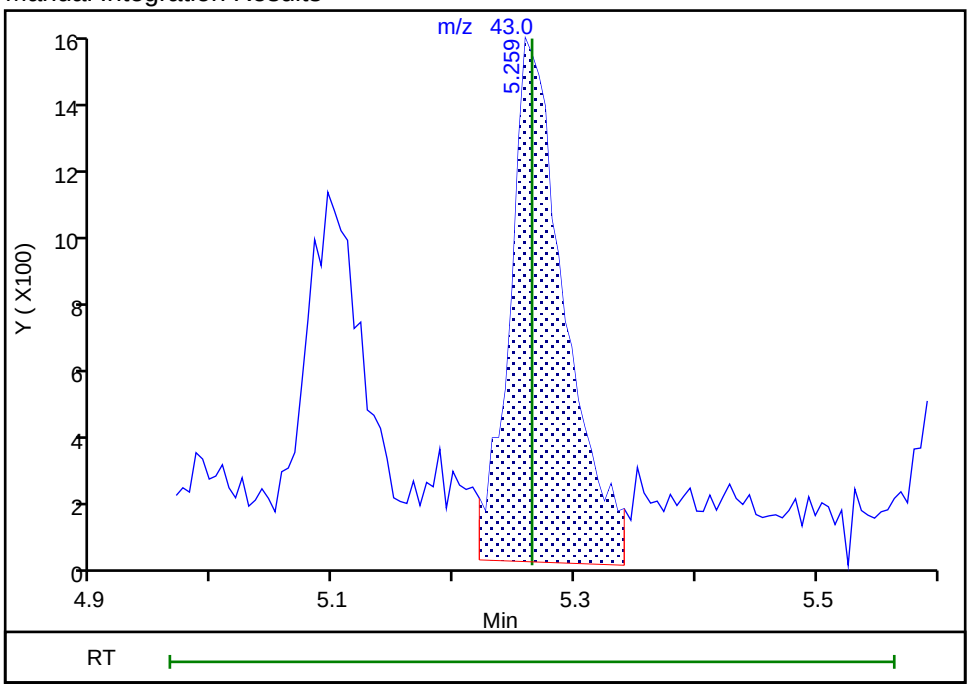
Not Detected
Expected RT: 5.26

Processing Integration Results



Manual Integration Results

RT: 5.26
Area: 4955
Amount: 1.257387
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:36:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

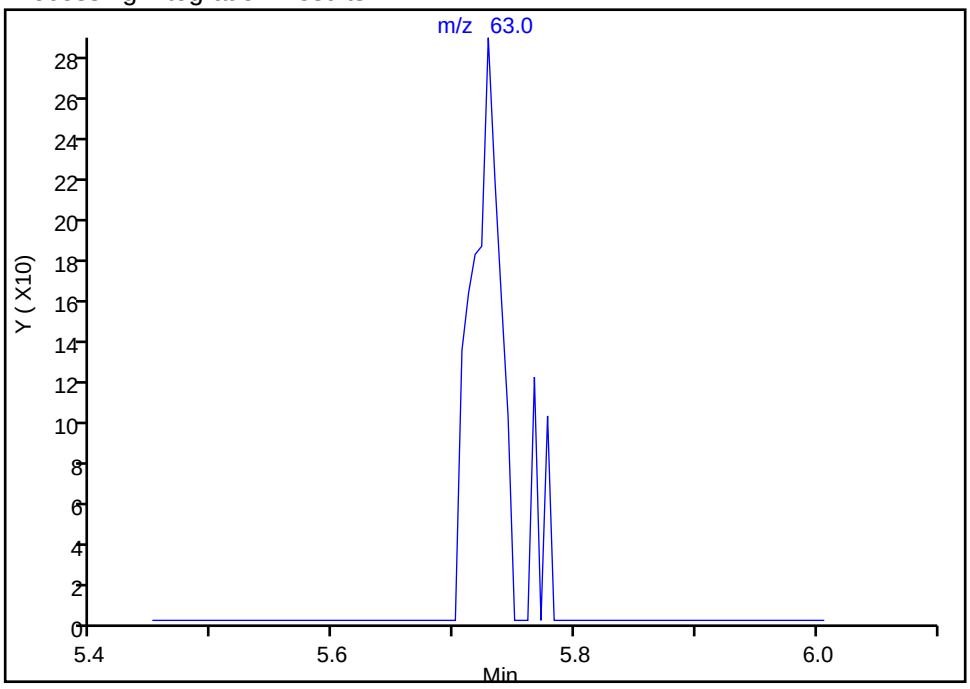
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18450.D
Injection Date: 26-Aug-2020 20:35:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

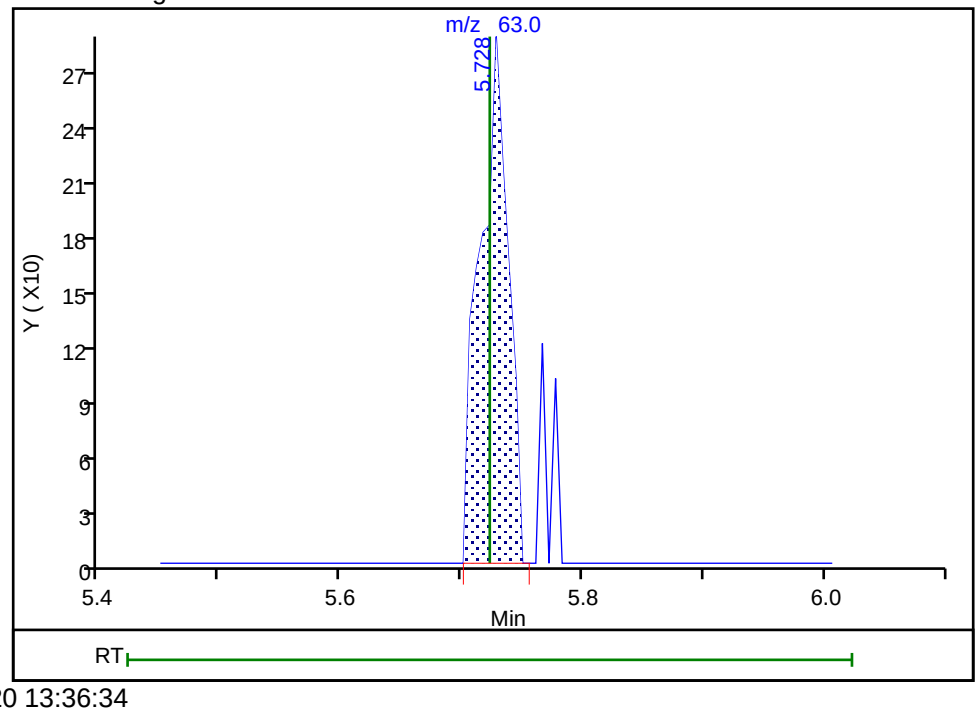
Not Detected
Expected RT: 5.72

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 462
Amount: 0.839591
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:36:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Aug-2020 20:59:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0115799-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:35:20 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:18:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.063	1.036	0.027	54	1474	5.00	4.41	a
3 1,1-Difluoroethane	65	1.079	1.074	0.005	76	10522	5.00	4.86	
2 Chlorotrifluoroethene	116	1.118	1.112	0.006	91	6023	5.00	4.81	a
5 Chlorodifluoromethane	67	1.139	1.129	0.010	95	4259	5.00	5.20	
4 Dichlorodifluoromethane	85	1.156	1.134	0.022	87	24430	5.00	4.61	
6 Chloromethane	50	1.248	1.249	-0.001	98	37326	5.00	5.01	
7 Butadiene	54	1.287	1.281	0.006	96	22658	5.00	4.89	
8 Vinyl chloride	62	1.314	1.309	0.005	97	25956	5.00	5.05	
9 Bromomethane	94	1.494	1.489	0.005	97	19394	5.00	5.49	
10 Chloroethane	64	1.527	1.521	0.006	99	14556	5.00	5.51	M
11 Dichlorofluoromethane	67	1.674	1.669	0.005	99	34706	5.00	5.30	
13 Pentane	72	1.723	1.712	0.011	96	5547	10.0	9.35	
12 Trichlorofluoromethane	101	1.723	1.718	0.005	47	24757	5.00	5.00	
15 Ethyl ether	59	1.849	1.838	0.011	96	14547	5.00	5.43	
16 2-Methyl-1,3-butadiene	53	1.876	1.865	0.011	90	15494	5.00	5.05	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	-0.001	88	14049	5.00	5.16	
14 Ethanol	46	1.849	1.903	-0.054	68	6647	200.0	231.2	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.914	1.914	0.000	95	24307	5.00	5.07	a
19 Acrolein	56	1.931	1.931	0.000	95	105982	200.0	194.7	
21 1,1-Dichloroethene	96	2.012	2.007	0.005	96	14790	5.00	4.76	
22 Acetone	43	2.051	2.034	0.017	86	32135	25.0	24.4	
20 112TCTFE	101	2.034	2.040	-0.006	69	15019	5.00	4.76	
23 Iodomethane	142	2.121	2.116	0.005	98	32738	5.00	4.90	
24 Isopropyl alcohol	45	2.171	2.171	0.000	27	13939	50.0	29.8	M
25 Carbon disulfide	76	2.171	2.171	0.000	99	66677	5.00	4.81	M
26 3-Chloro-1-propene	39	2.252	2.242	0.010	88	25664	5.00	5.18	
27 Methyl acetate	43	2.269	2.258	0.011	99	27170	10.0	8.40	
29 Acetonitrile	41	2.291	2.285	0.006	40	16896	50.0	44.3	M
28 Cyclopentene	67	2.312	2.307	0.005	94	44400	5.00	4.94	
31 Methylene Chloride	84	2.340	2.340	0.000	96	22412	5.00	4.78	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.405	0.006	96	434105	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.476	2.476	0.000	91	29425	50.0	45.9	Ma
35 Acrylonitrile	53	2.514	2.509	0.005	95	74249	50.0	52.5	
34 trans-1,2-Dichloroethene	96	2.536	2.531	0.005	96	18082	5.00	5.13	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	58	49475	5.00	5.24	
36 Hexane	43	2.738	2.738	0.000	93	15694	5.00	4.85	
38 1,1-Dichloroethane	63	2.853	2.853	0.000	99	34454	5.00	5.00	
39 Vinyl acetate	86	2.896	2.891	0.005	100	5535	10.0	5.82	M
37 Isopropyl ether	45	2.913	2.918	-0.005	91	62780	5.00	4.98	
40 2-Chloro-1,3-butadiene	88	2.929	2.924	0.005	90	15519	5.00	4.81	
41 Tert-butyl ethyl ether	59	3.213	3.213	0.000	91	66781	5.00	5.94	
* 42 2-Butanone-d5	46	3.300	3.295	0.005	95	309545	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	96	21281	5.00	5.07	
43 2,2-Dichloropropane	79	3.344	3.338	0.006	59	8544	5.00	4.94	a
46 2-Butanone (MEK)	72	3.349	3.349	0.000	97	10473	25.0	22.8	M
45 Ethyl acetate	70	3.371	3.366	0.005	98	3476	10.0	8.72	M
48 Propionitrile	54	3.404	3.398	0.006	89	31103	50.0	44.9	
47 Methyl acrylate	55	3.431	3.437	-0.006	98	12677	5.00	3.54	a
51 Methacrylonitrile	67	3.529	3.524	0.005	93	70602	50.0	50.1	
50 Chlorobromomethane	128	3.535	3.535	0.000	51	10237	5.00	5.09	
49 Tetrahydrofuran	72	3.600	3.595	0.005	80	4970	10.0	9.73	
52 Chloroform	83	3.617	3.611	0.006	98	33342	5.00	5.09	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	178660	50.0	50.2	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	99	25760	5.00	4.91	
53 Cyclohexane	84	3.846	3.840	0.006	93	24451	5.00	4.63	
57 1,1-Dichloropropene	75	3.933	3.928	0.005	95	23134	5.00	4.78	
56 Carbon tetrachloride	117	3.938	3.944	-0.006	80	21196	5.00	4.74	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.064	0.005	0	179938	50.0	49.0	
58 Isobutyl alcohol	74	4.119	4.124	-0.005	51	5615	125.0	73.7	
60 Benzene	78	4.129	4.130	-0.001	95	70069	5.00	4.86	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	95	22705	5.00	4.88	
59 Isooctane	57	4.211	4.217	-0.006	97	61832	5.00	4.51	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	67349	5.00	4.96	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	97	15203	5.00	5.04	
* 66 Fluorobenzene	96	4.408	4.408	0.000	98	523413	50.0	50.0	
65 n-Heptane	57	4.419	4.413	0.006	96	30423	5.00	4.61	
68 n-Butanol	56	4.746	4.757	-0.011	95	13877	125.0	83.3	
69 Trichloroethene	95	4.790	4.790	0.000	98	15543	5.00	4.64	
70 Ethyl acrylate	56	4.915	4.921	-0.006	98	2477	5.00	4.79	
71 Methylcyclohexane	83	5.008	5.008	0.000	96	28348	5.00	4.55	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	93	17124	5.00	4.76	
77 Dibromomethane	93	5.155	5.161	-0.006	96	9971	5.00	4.74	
* 73 1,4-Dioxane-d8	96	5.166	5.166	0.000	95	36769	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.183	0.000	94	17382	10.0	9.17	
75 1,4-Dioxane	88	5.199	5.248	-0.049	31	4941	100.0	104.9	M
76 n-Propyl acetate	43	5.264	5.264	0.000	99	19693	5.00	4.51	
78 Dichlorobromomethane	83	5.352	5.352	0.000	99	20045	5.00	4.56	
79 2-Nitropropane	41	5.614	5.614	0.000	98	8008	10.0	9.63	
67 2-Chloroethyl vinyl ether	63	5.717	5.723	-0.006	96	2518	5.01	4.13	
80 Epichlorohydrin	57	5.777	5.777	0.000	100	28552	100.0	88.0	
81 cis-1,3-Dichloropropene	75	5.886	5.881	0.005	94	20960	5.00	4.43	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	97	84690	25.0	23.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	542719	50.0	47.8	
84 Toluene	91	6.307	6.301	0.006	95	59539	5.00	4.67	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	17241	5.00	4.48	
86 Ethyl methacrylate	69	6.787	6.781	0.006	92	16812	5.00	4.76	
87 1,1,2-Trichloroethane	83	6.847	6.841	0.006	95	10078	5.00	4.81	
88 Tetrachloroethene	166	7.021	7.021	0.000	97	13702	5.00	4.65	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	96	18711	5.00	4.69	
90 2-Hexanone	43	7.234	7.234	0.000	97	49444	25.0	23.9	
92 Chlorodibromomethane	129	7.365	7.365	0.000	98	12957	5.00	4.54	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	23103	5.00	5.05	
93 Ethylene Dibromide	107	7.496	7.496	0.000	99	11096	5.00	4.63	
* 94 Chlorobenzene-d5	117	8.194	8.195	-0.001	87	359390	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	93	35884	5.00	4.66	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	93	16879	5.00	4.85	
96 Ethylbenzene	106	8.435	8.435	0.000	99	20204	5.00	4.75	
98 m-Xylene & p-Xylene	106	8.625	8.620	0.005	0	25316	5.00	4.75	
100 o-Xylene	106	9.226	9.220	0.006	94	27068	5.00	4.76	
101 Styrene	104	9.248	9.248	0.000	96	39191	5.00	4.75	
99 n-Butyl acrylate	73	9.286	9.286	0.000	97	11176	5.00	5.04	
103 Bromoform	173	9.493	9.488	0.005	97	9108	5.00	4.69	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	28549	5.00	4.82	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	69078	5.00	4.72	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	169093	50.0	49.8	
106 Bromobenzene	156	10.241	10.235	0.006	97	17237	5.00	4.65	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	98	19521	5.00	4.61	
109 1,2,3-Trichloropropane	110	10.377	10.372	0.005	97	4872	5.00	4.71	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	90	4438	5.00	4.77	
108 N-Propylbenzene	91	10.502	10.503	-0.001	99	81981	5.00	4.50	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	50701	5.00	4.55	
112 4-Ethyltoluene	105	10.704	10.699	0.005	99	66279	5.00	4.64	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	49439	5.00	4.62	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	93	59250	5.00	4.31	
115 Butyl Methacrylate	87	11.086	11.081	0.005	93	18798	5.00	4.31	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	41968	5.00	3.12	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	62322	5.00	4.43	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	72514	5.00	4.21	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	95	32223	5.00	4.67	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	96	215468	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	97	63753	5.00	4.38	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	93	32408	5.00	4.73	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	66531	NC	NC	
124 Benzyl chloride	91	12.036	12.036	0.000	99	28111	5.00	4.67	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	64013	5.00	4.78	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	97	35274	5.00	4.70	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	33595	5.00	4.59	a
127 n-Butylbenzene	92	12.341	12.341	0.000	97	34629	5.00	4.59	
130 1,2-Dibromo-3-Chloropropane	157	13.111	13.122	-0.011	92	4589	5.00	4.64	
129 1,2,4,5-Tetramethylbenzene	119	13.122	13.127	-0.005	97	67363	5.00	4.54	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	97	29921	5.00	4.69	
132 1,2,4-Trichlorobenzene	180	13.880	13.896	-0.016	95	29723	5.00	4.54	
133 Hexachlorobutadiene	225	14.055	14.071	-0.016	96	13139	5.00	4.00	
134 Naphthalene	128	14.082	14.104	-0.022	99	79531	5.00	4.45	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.295	14.317	-0.022	95	32380	5.00	4.59	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.2	
S 137 Xylenes, Total	100				0		10.0	9.51	
S 139 Total BTEX	1				0		25.0	23.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00124	Amount Added:	0.50	Units: uL		
524freon_00026	Amount Added:	0.50	Units: uL		
GASES Li_00383	Amount Added:	0.50	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:35:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D

Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9 Operator ID:

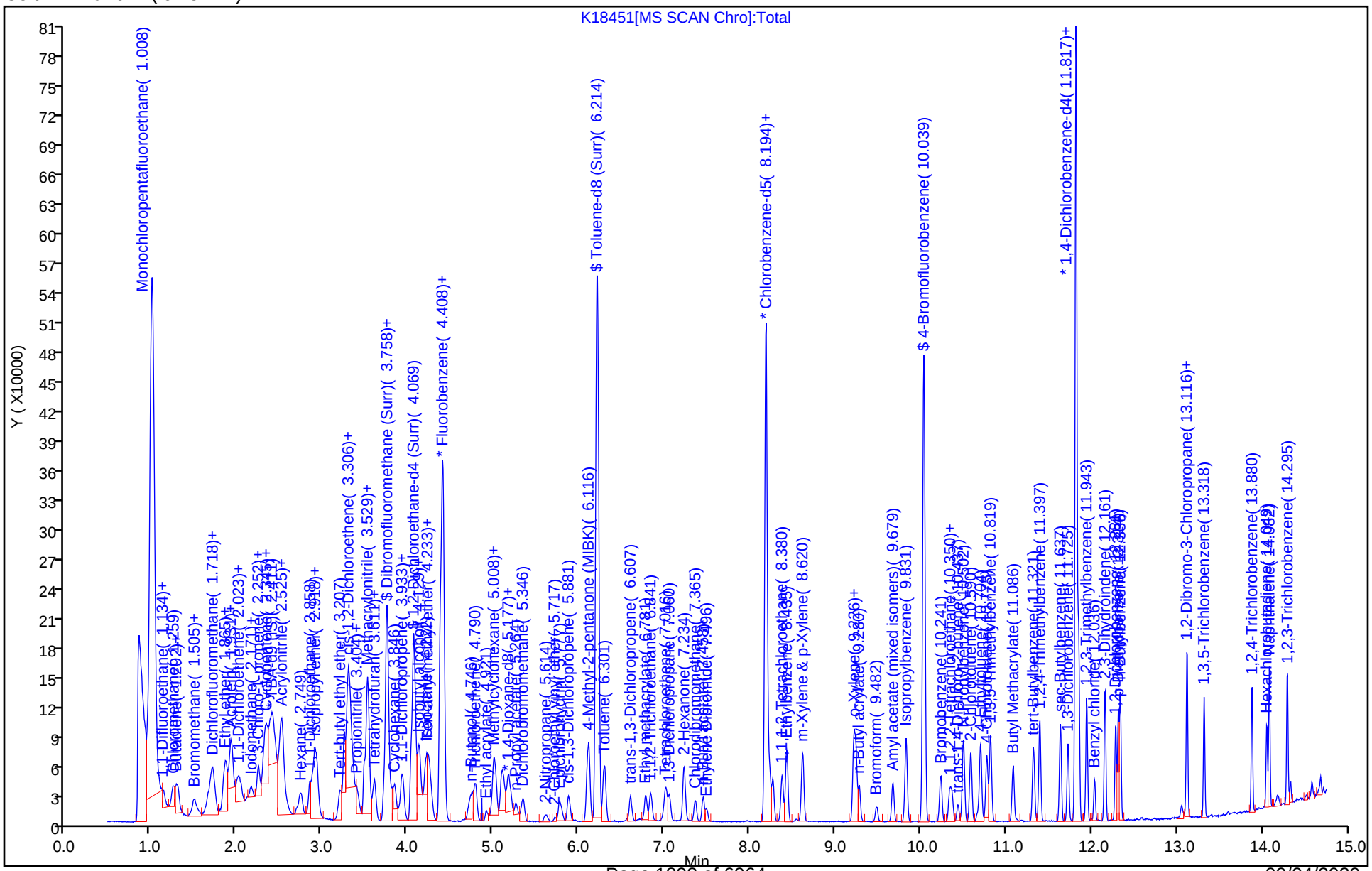
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

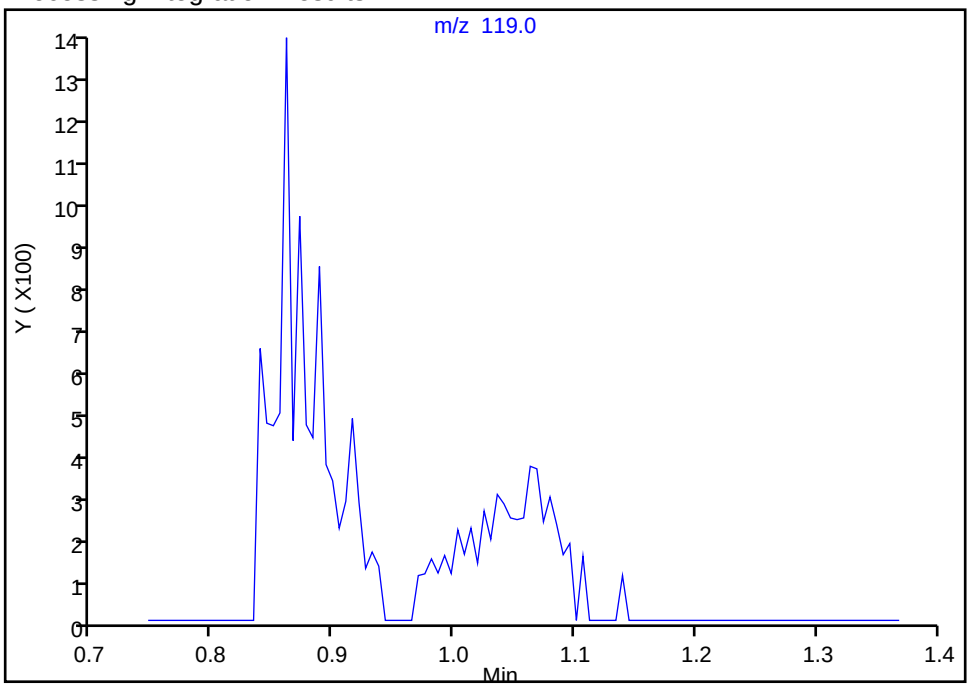
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

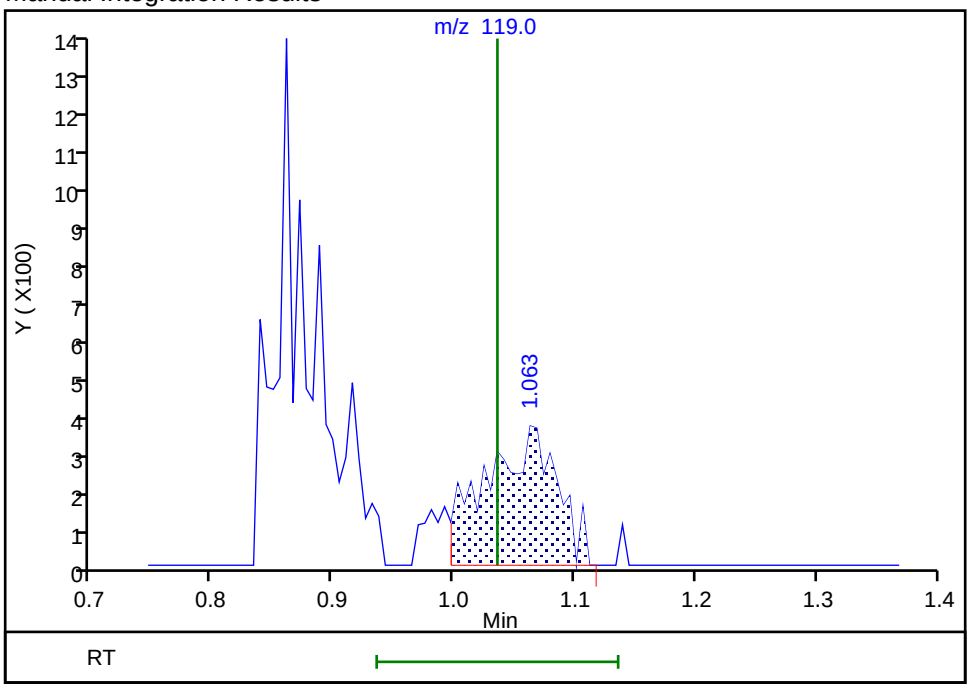
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.06
Area: 1474
Amount: 4.409593
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:37:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

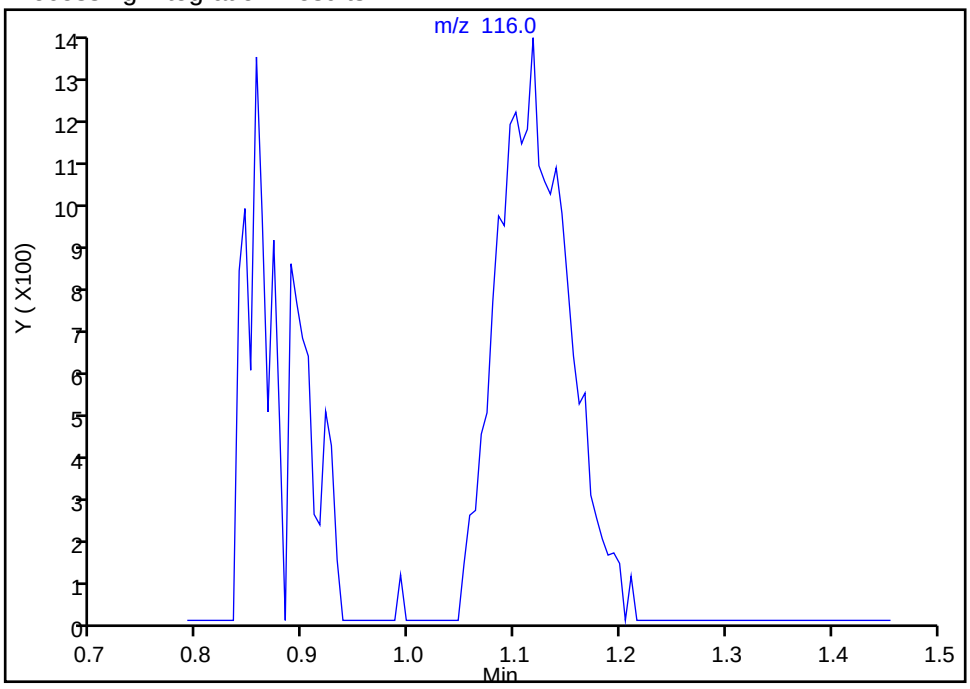
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

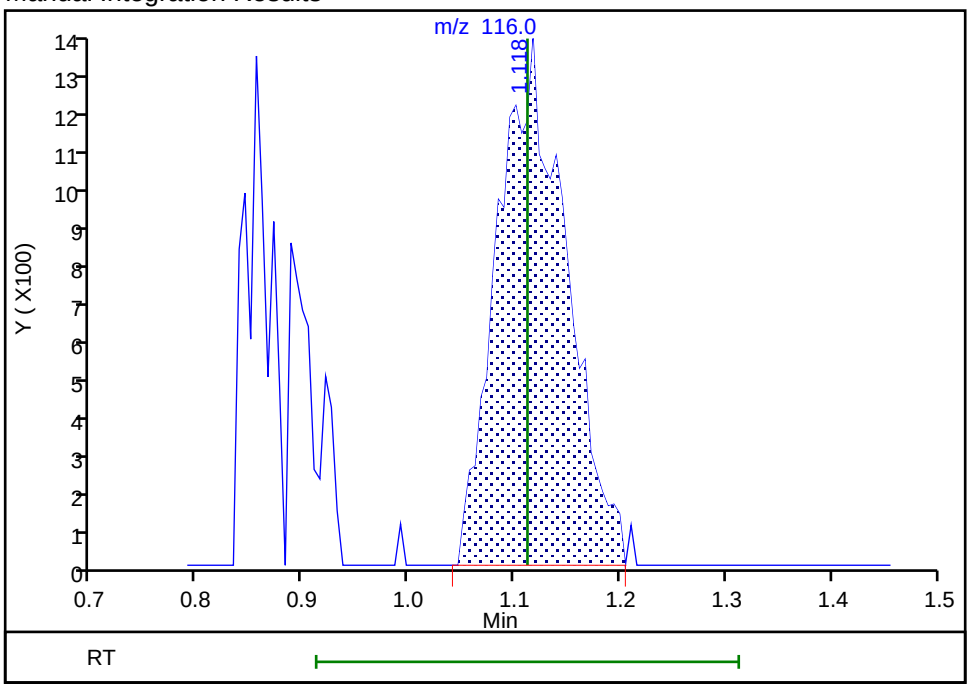
Not Detected
Expected RT: 1.11

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 6023
Amount: 4.808523
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:38:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

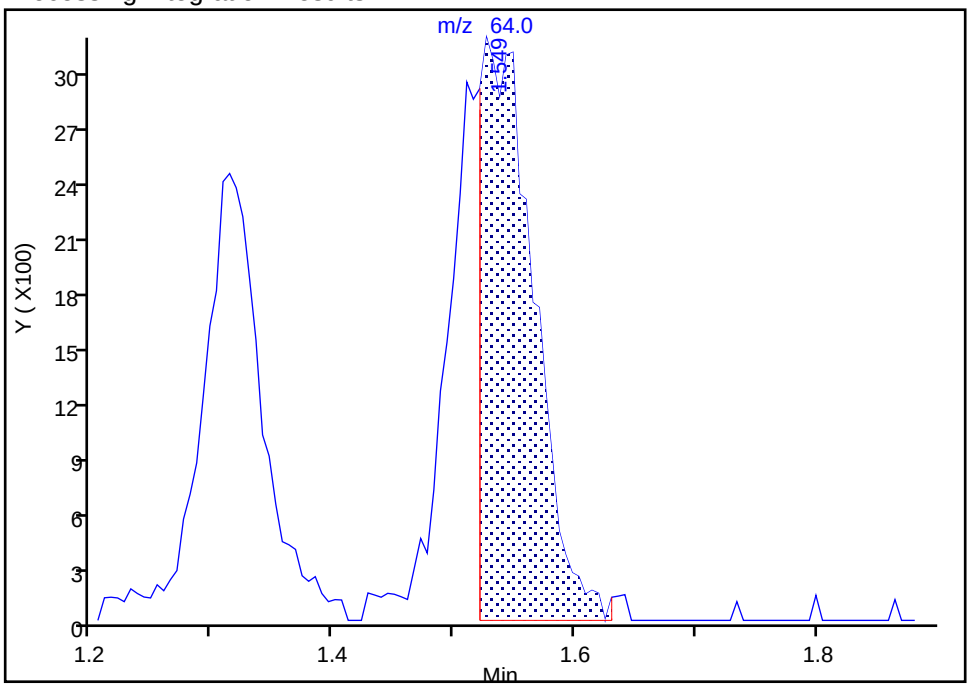
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

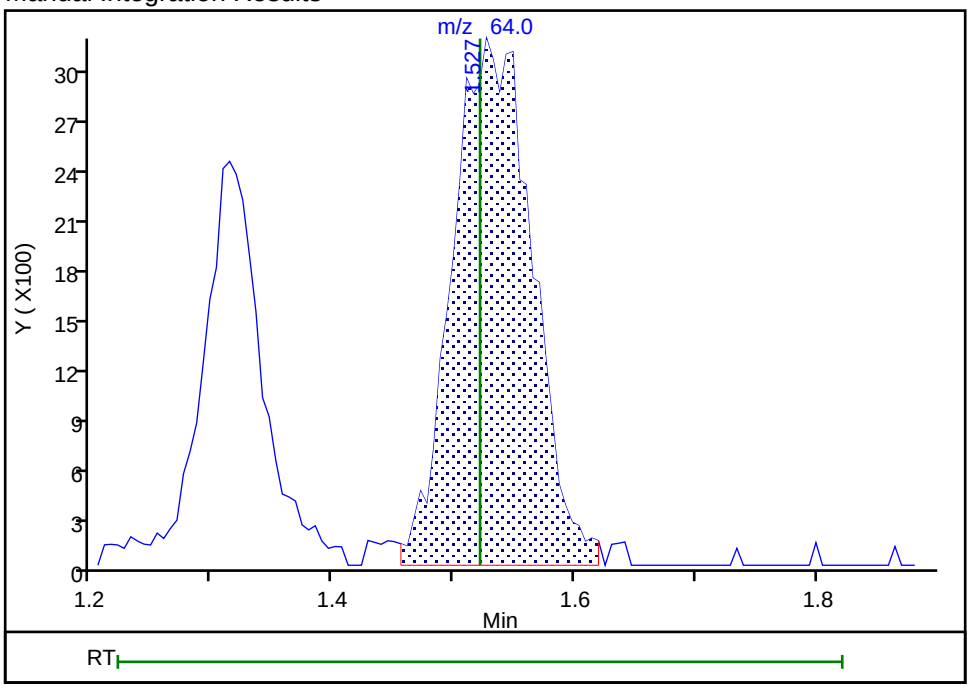
Processing Integration Results

RT: 1.55
Area: 9807
Amount: 3.947644
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 14556
Amount: 5.508281
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:38:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

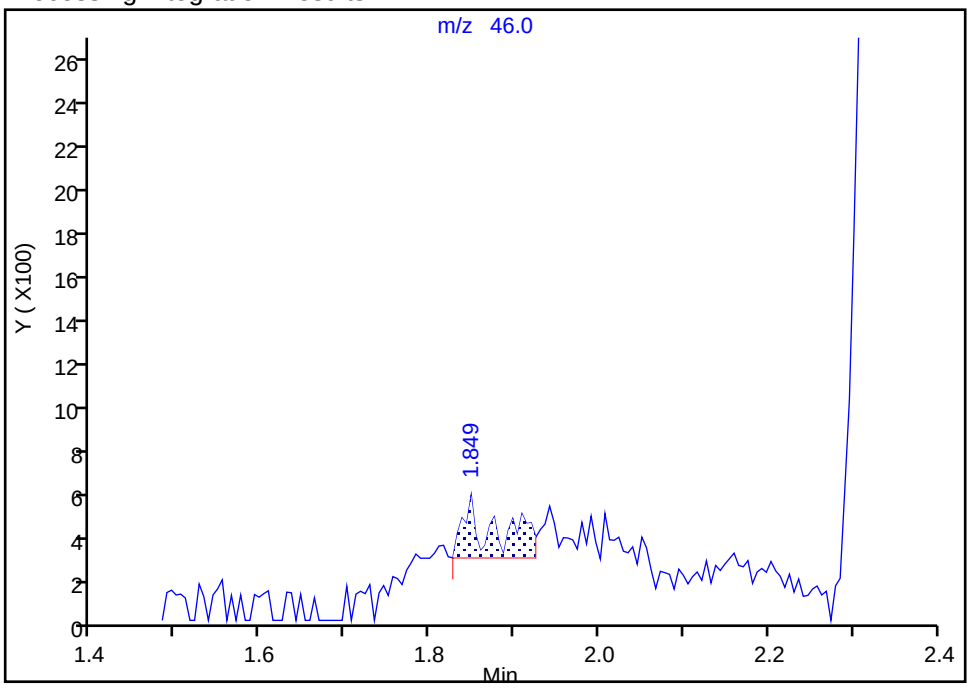
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

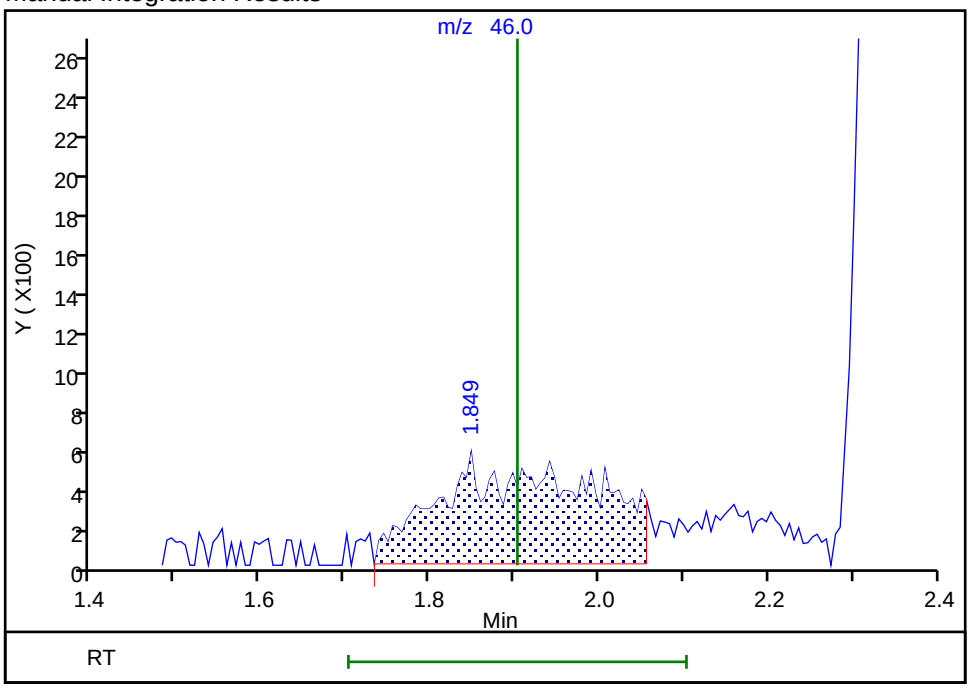
Processing Integration Results

RT: 1.85
Area: 779
Amount: 38.420233
Amount Units: ug/l



Manual Integration Results

RT: 1.85
Area: 6647
Amount: 231.1841
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:38:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

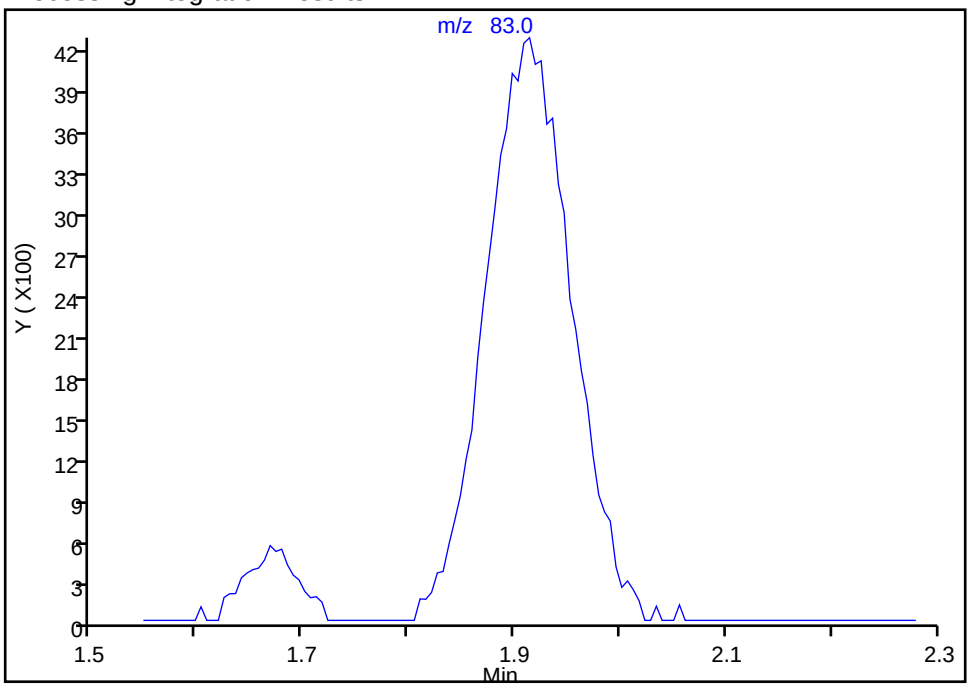
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

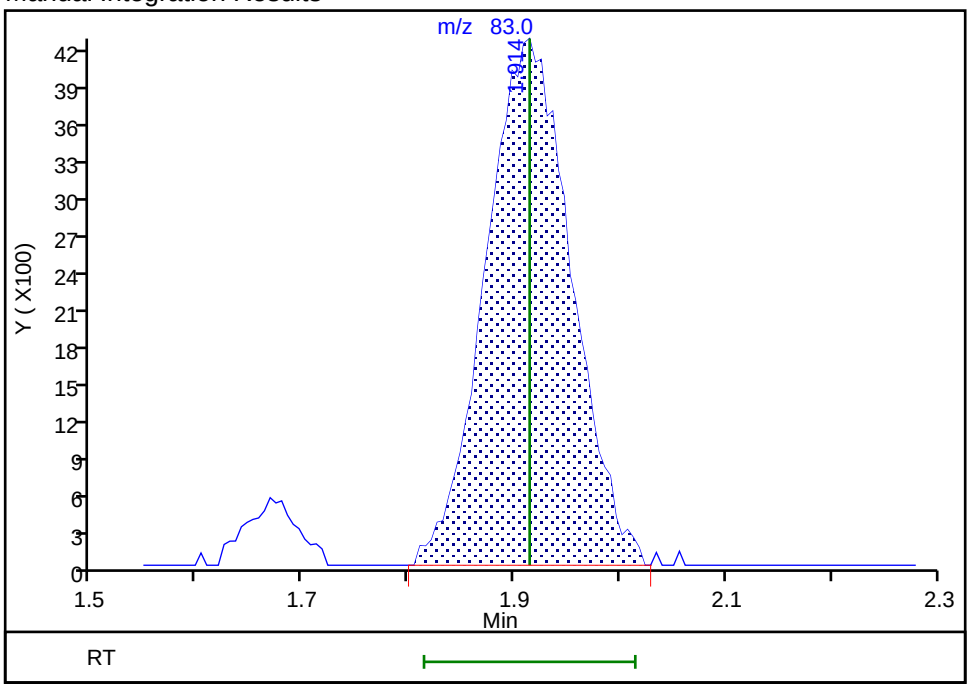
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 24307
Amount: 5.071529
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:39:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

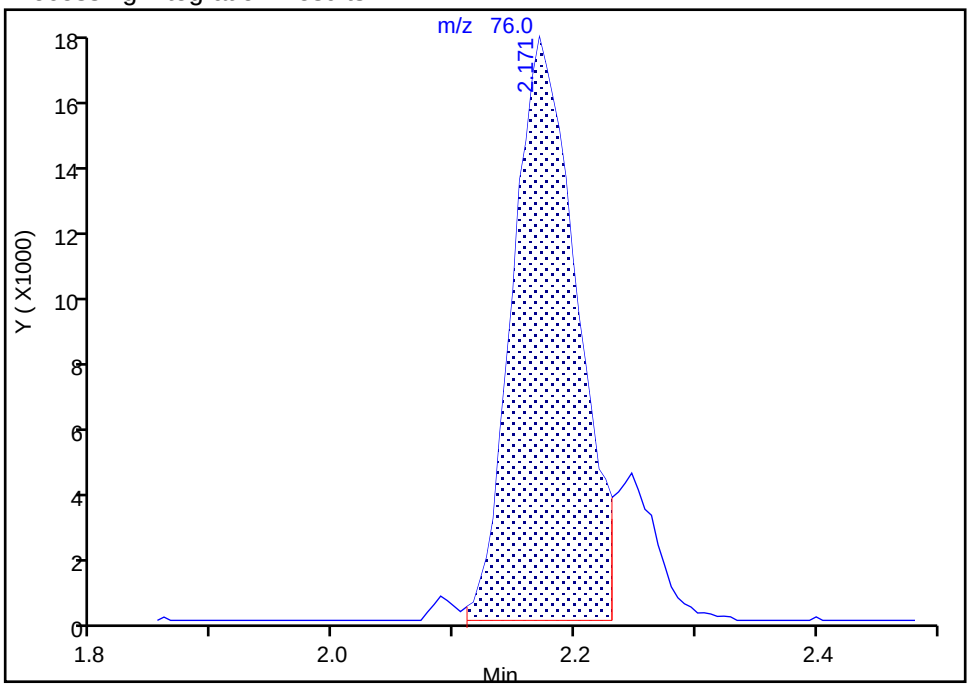
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

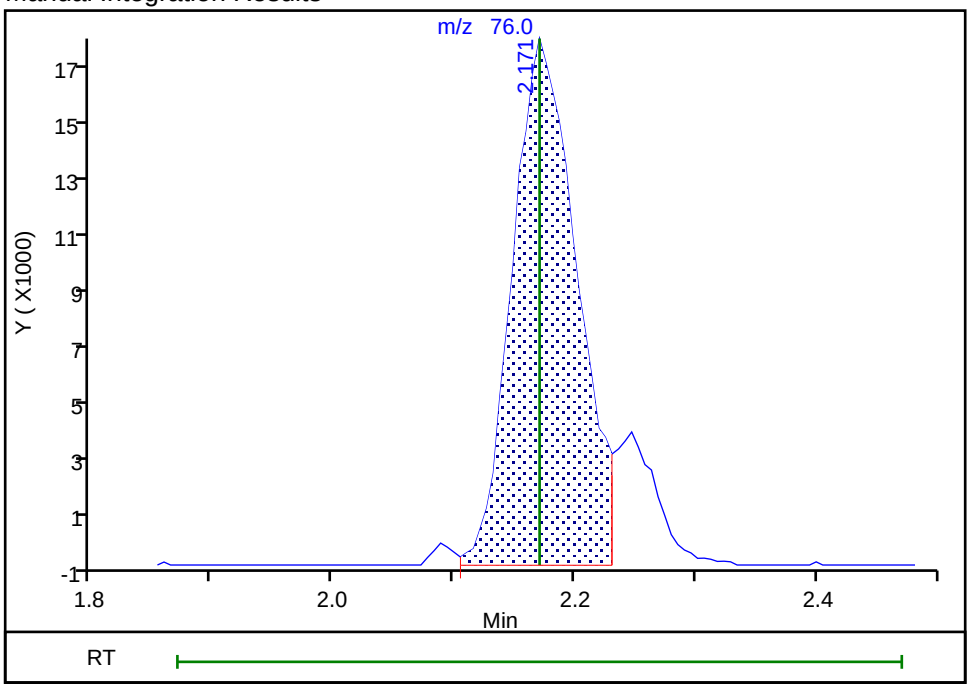
Processing Integration Results

RT: 2.17
Area: 66520
Amount: 4.370256
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 66677
Amount: 4.807249
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:47:07
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

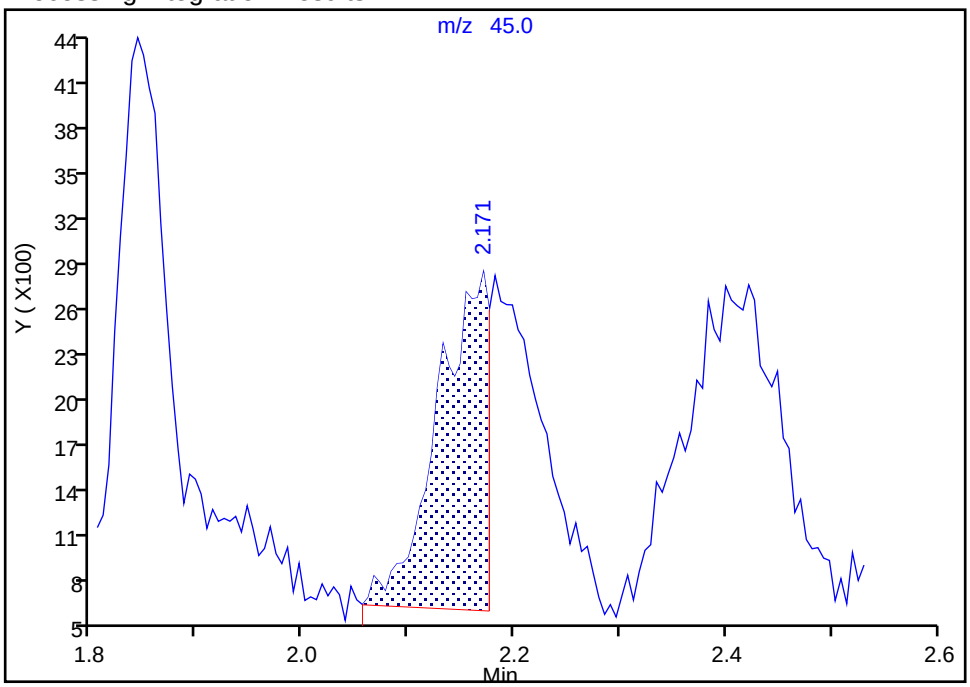
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

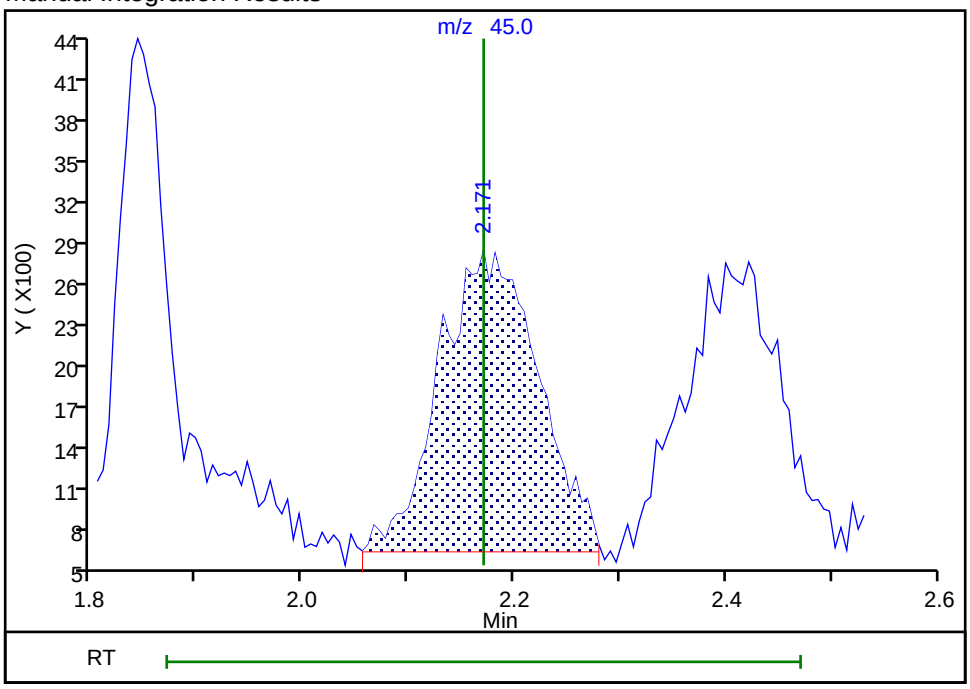
Processing Integration Results

RT: 2.17
Area: 7313
Amount: 14.972744
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 13939
Amount: 29.771730
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:39:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

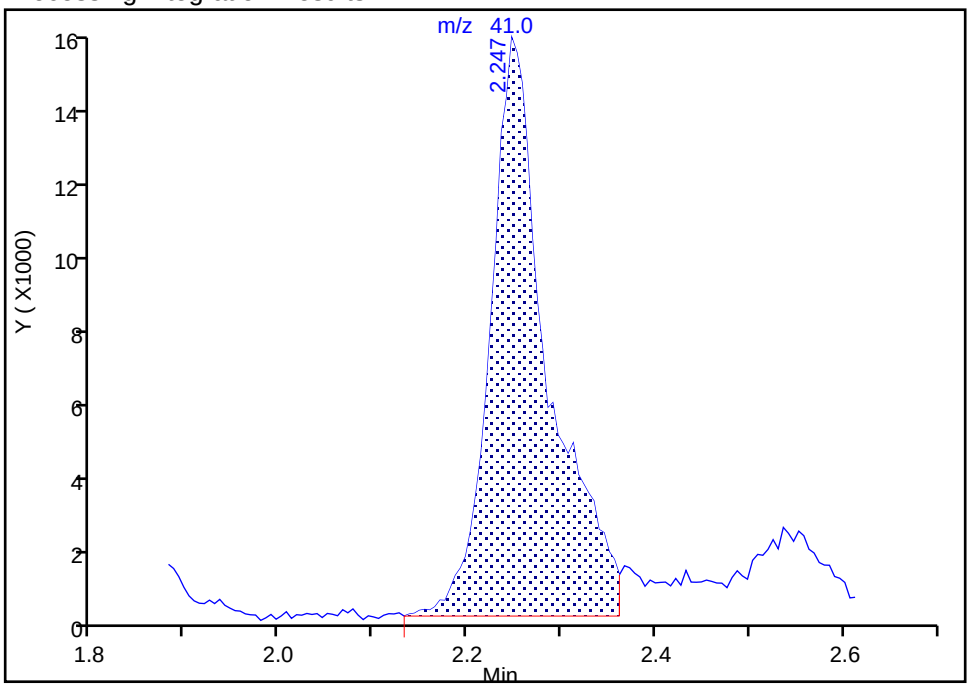
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

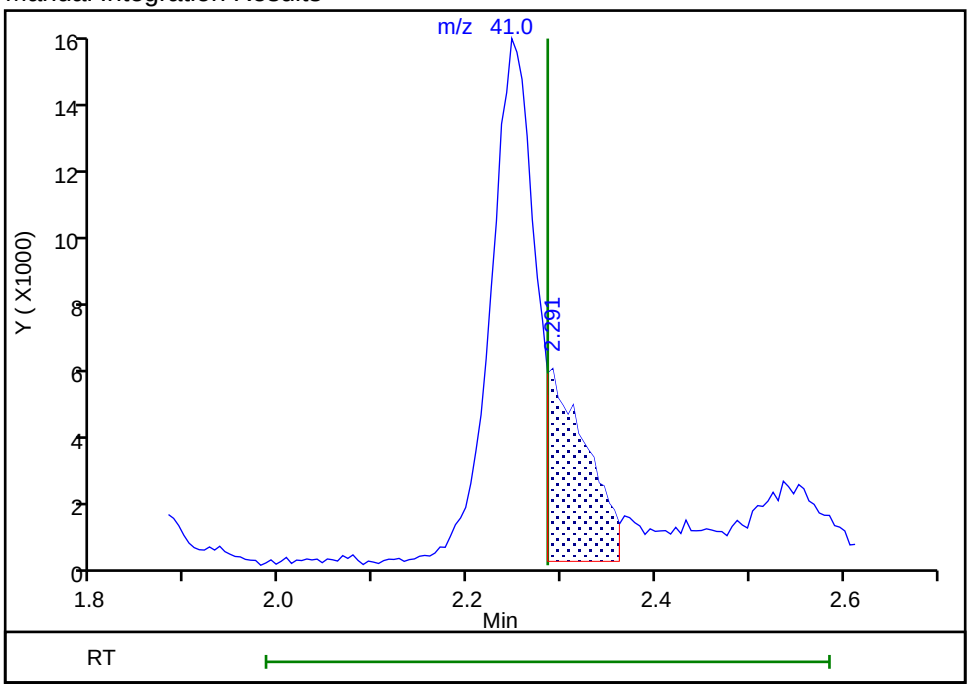
Processing Integration Results

RT: 2.25
Area: 65527
Amount: 36.117075
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 16896
Amount: 44.331648
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:39:45
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

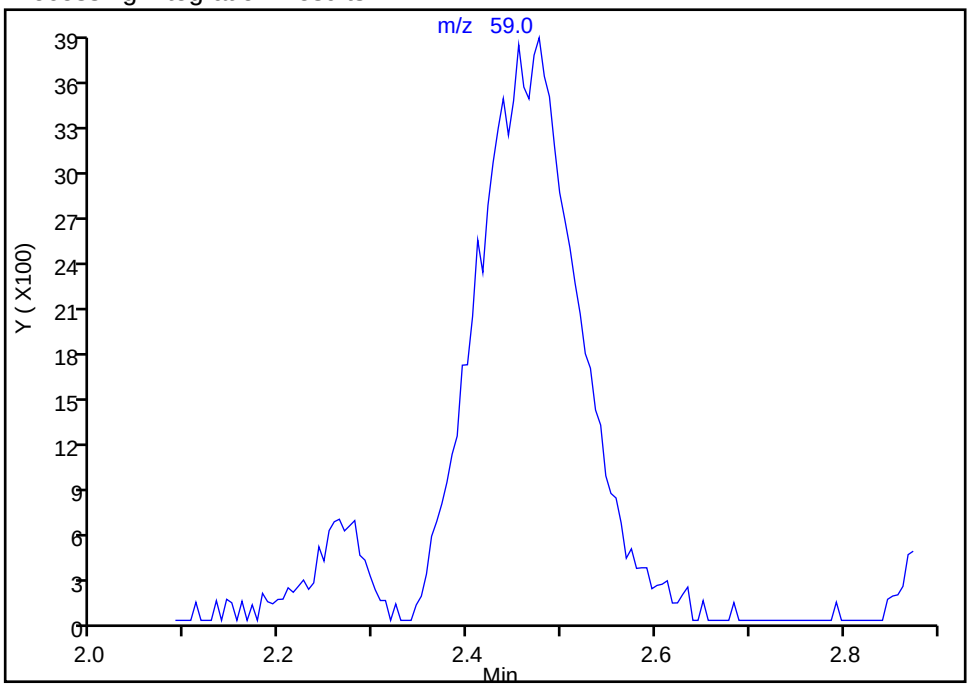
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

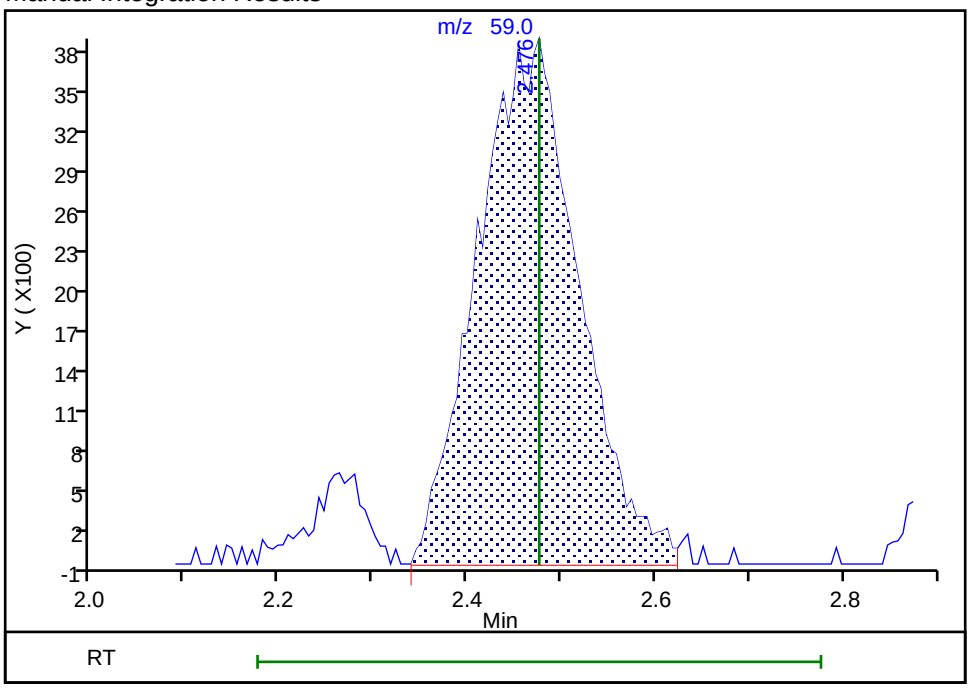
Not Detected
Expected RT: 2.48

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 29425
Amount: 45.874031
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:40:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

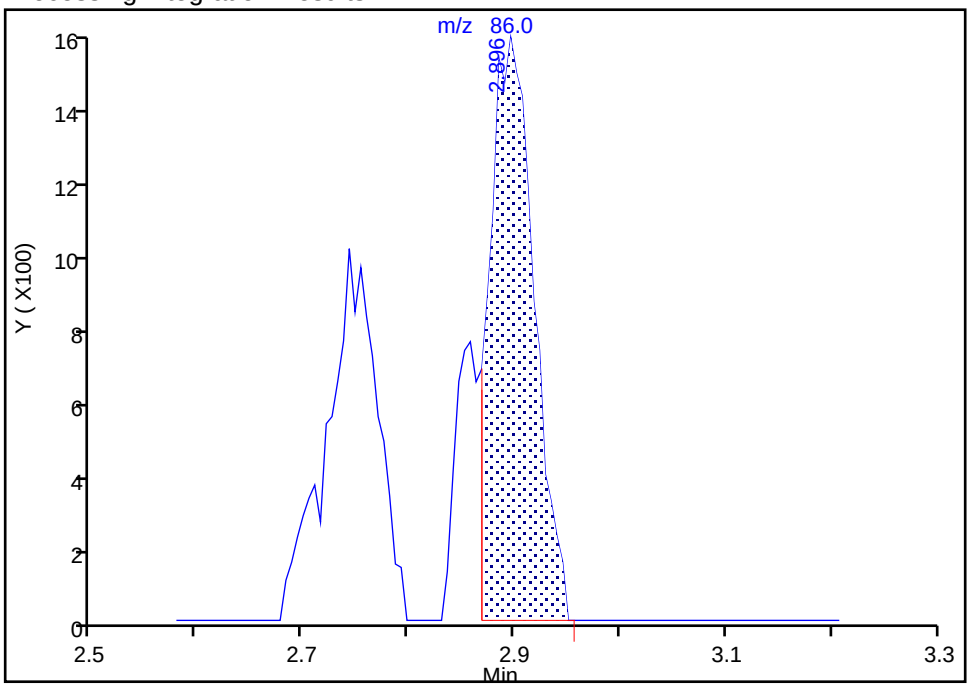
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

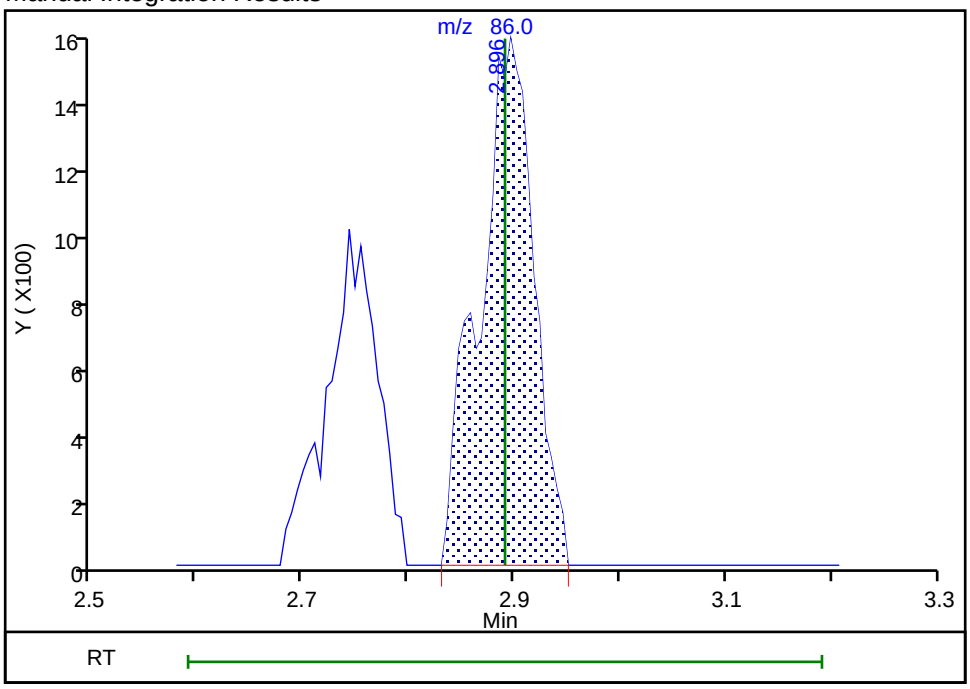
Processing Integration Results

RT: 2.90
Area: 4475
Amount: 4.557494
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 5535
Amount: 5.817667
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:14:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

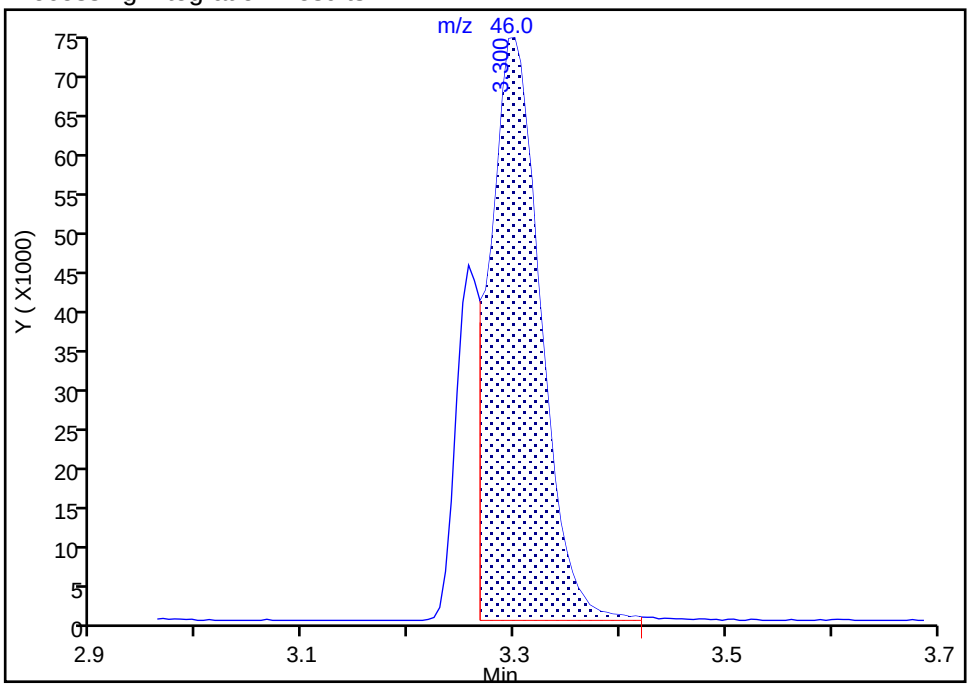
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

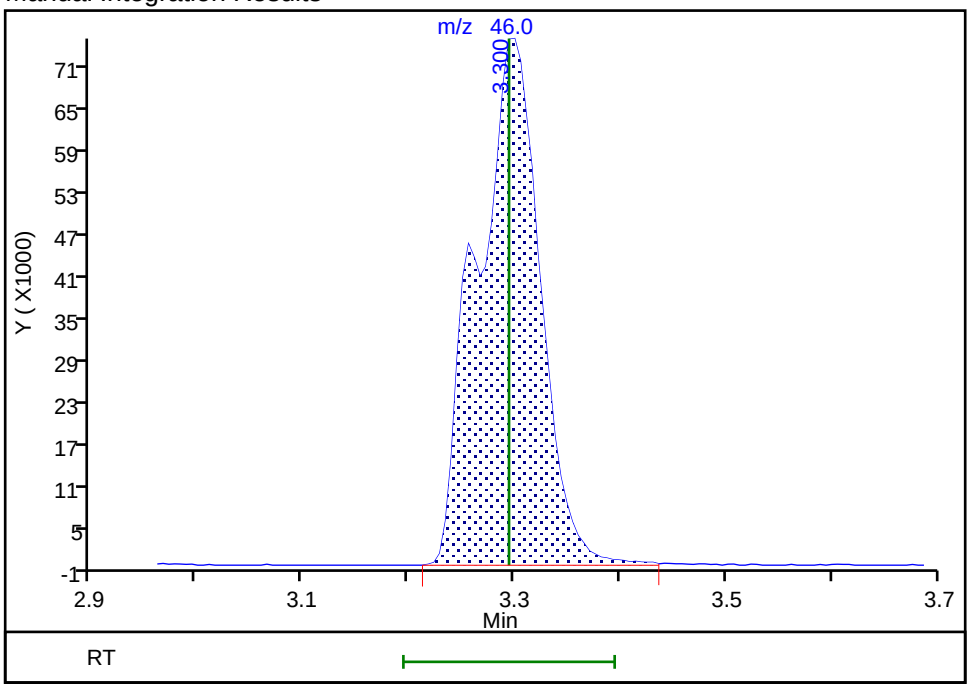
Processing Integration Results

RT: 3.30
Area: 249590
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 309545
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:37:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

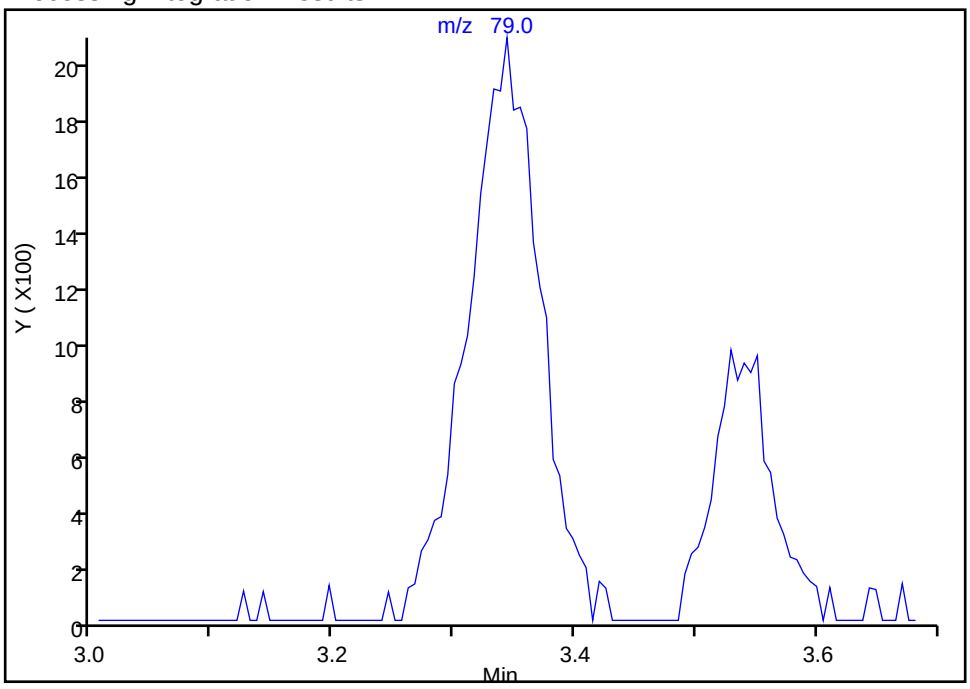
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

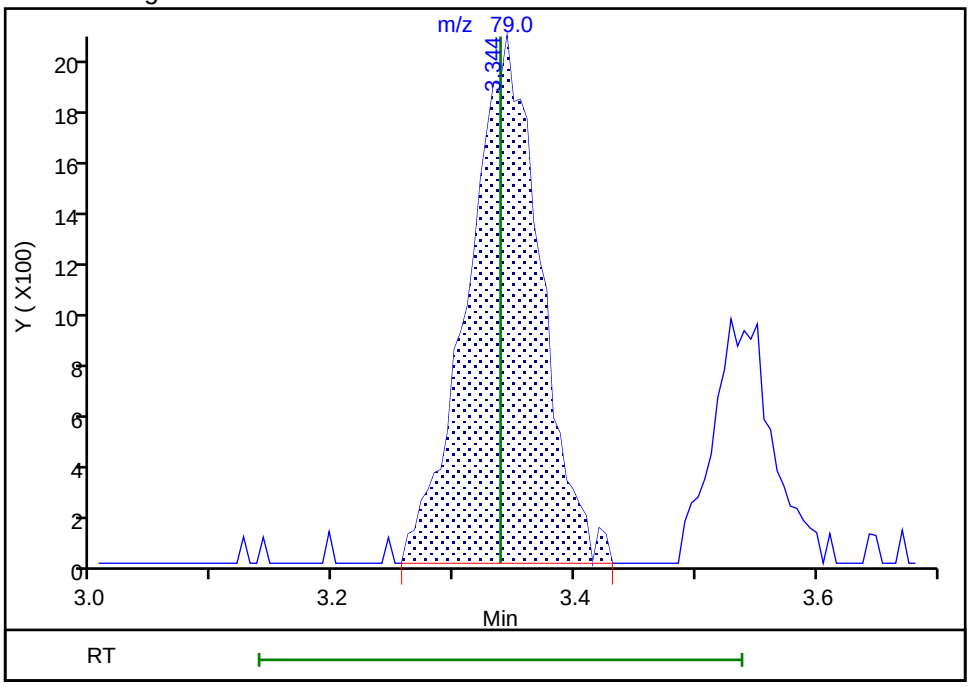
Not Detected
Expected RT: 3.34

Processing Integration Results



Manual Integration Results

RT: 3.34
Area: 8544
Amount: 4.944947
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:42:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

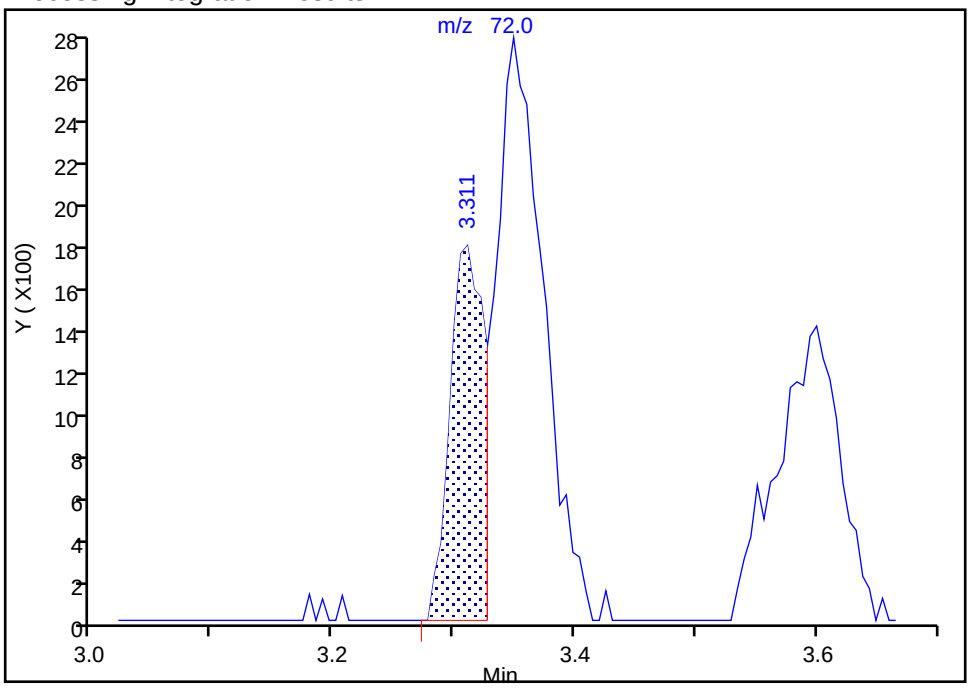
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

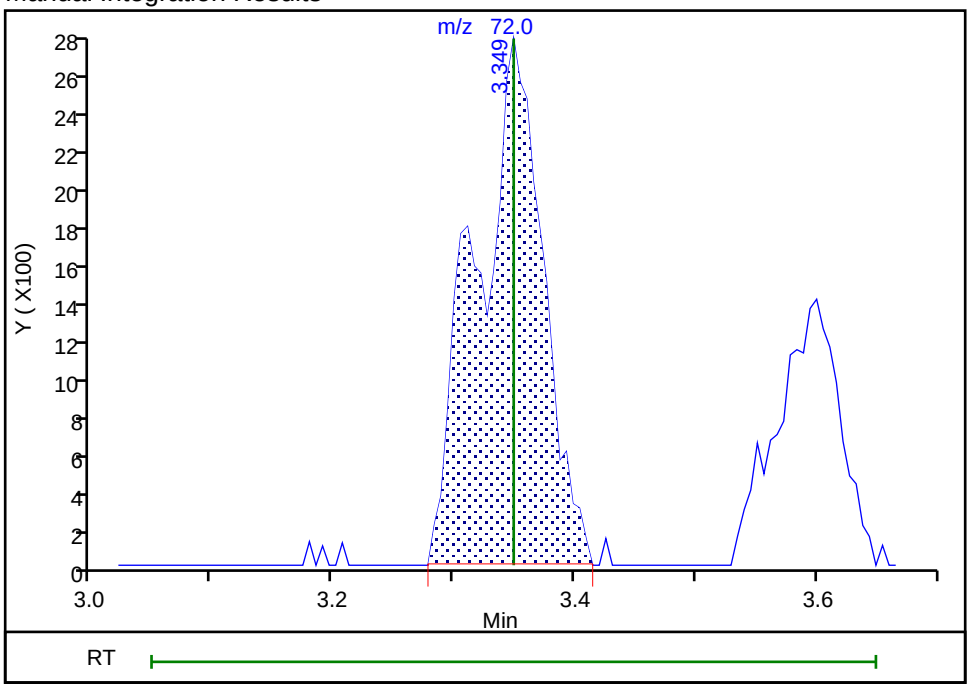
Processing Integration Results

RT: 3.31
Area: 3460
Amount: 8.389683
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 10473
Amount: 22.750498
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:41:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

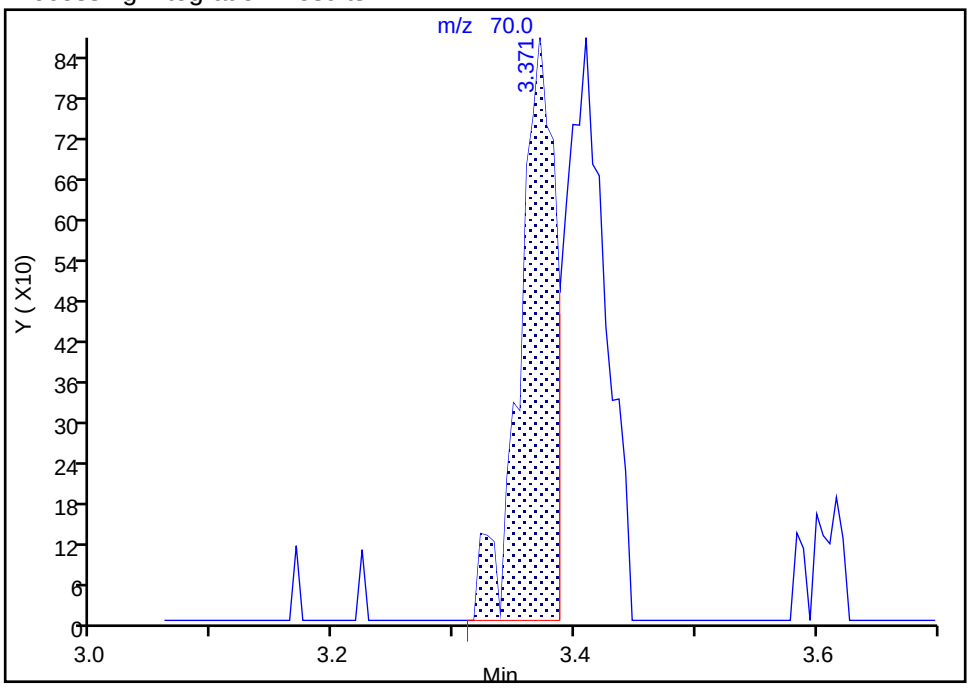
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

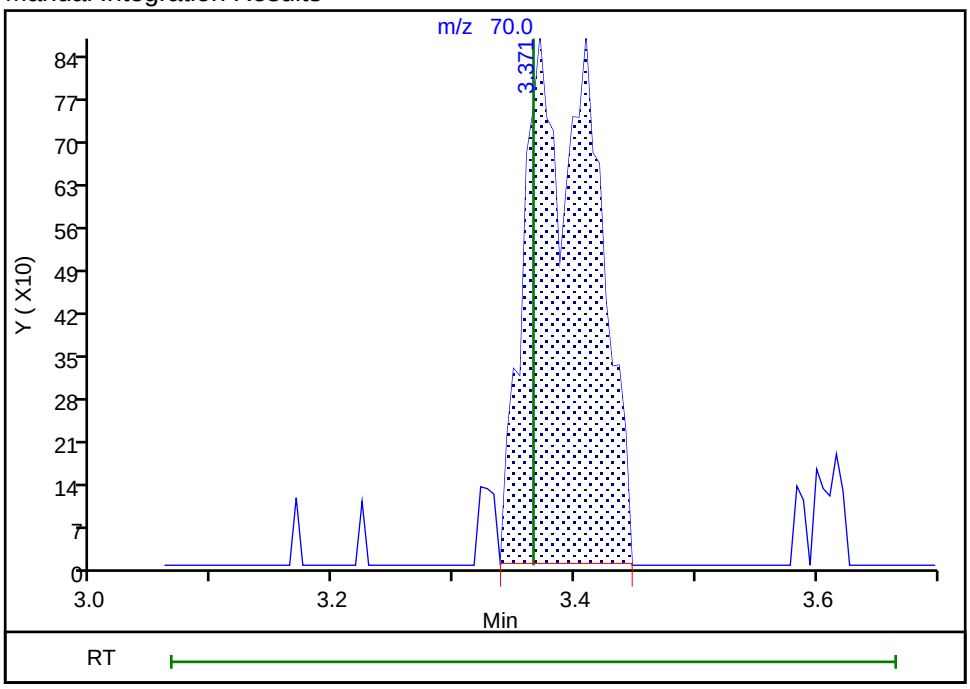
Processing Integration Results

RT: 3.37
Area: 1782
Amount: 4.981464
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 3476
Amount: 8.722326
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:41:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

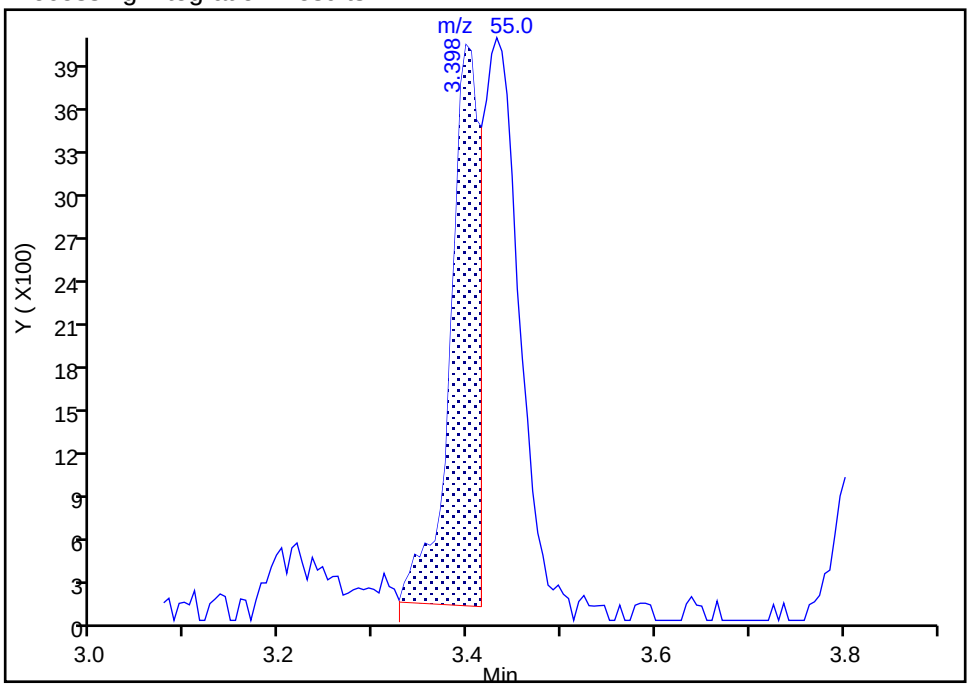
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

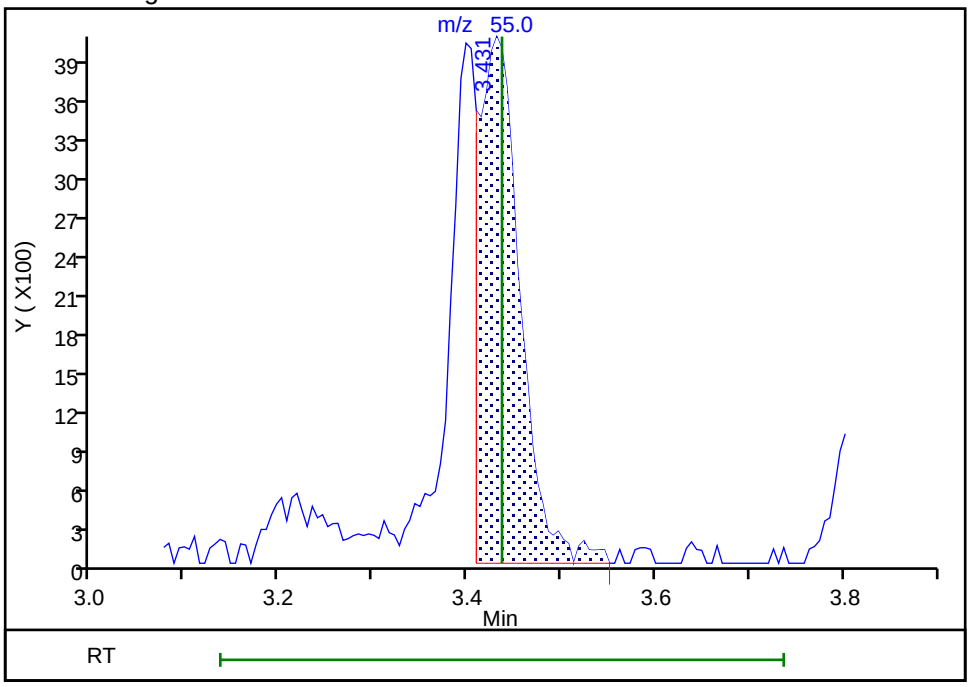
Processing Integration Results

RT: 3.40
Area: 8763
Amount: 3.789542
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 12677
Amount: 3.537577
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:42:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

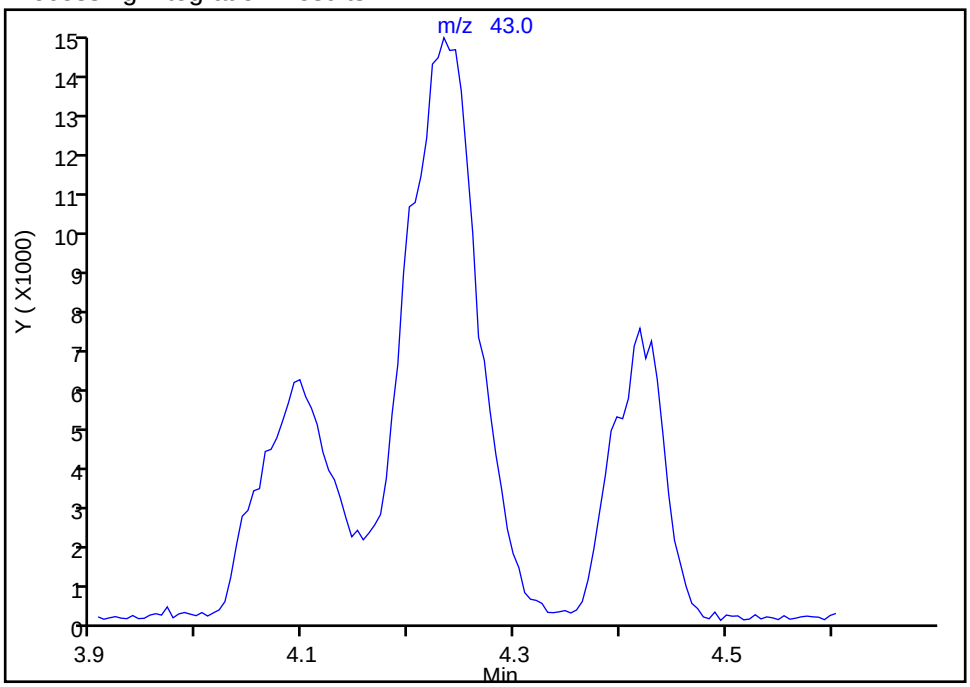
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

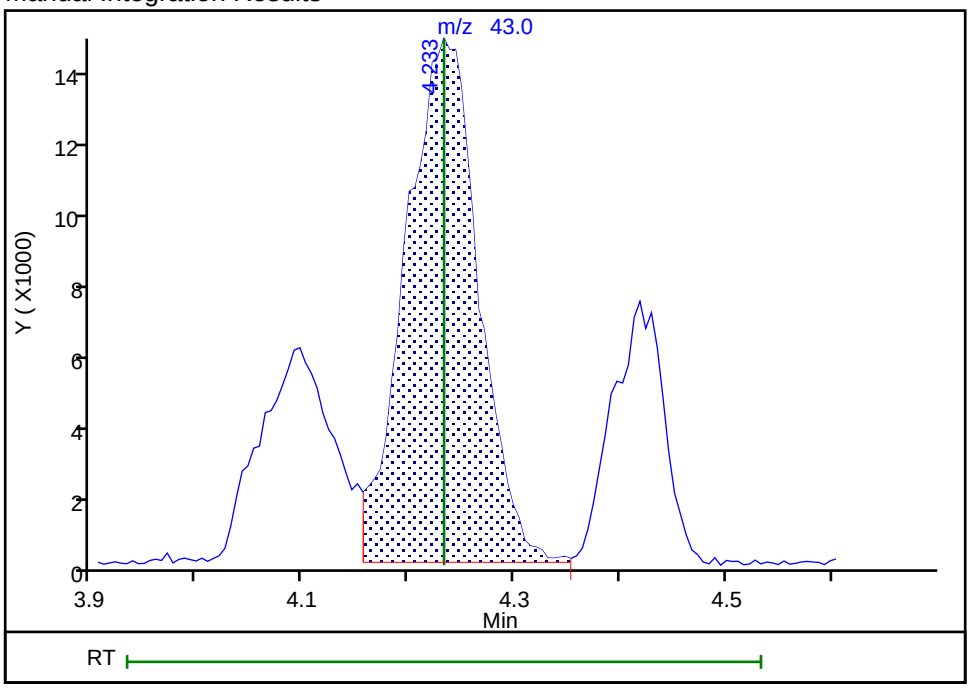
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 67349
Amount: 4.959163
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:42:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

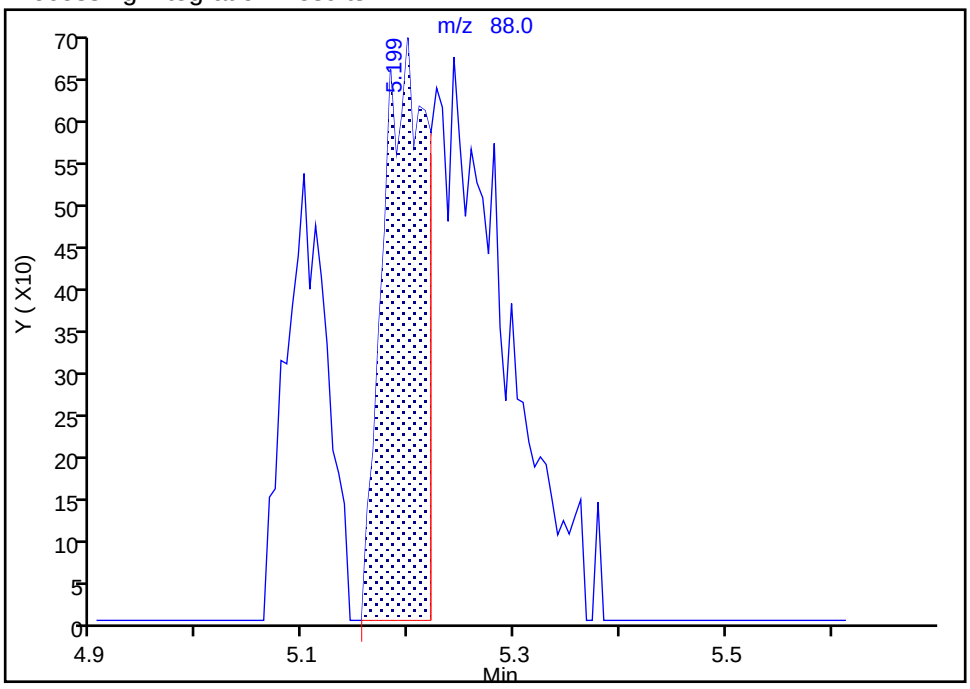
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

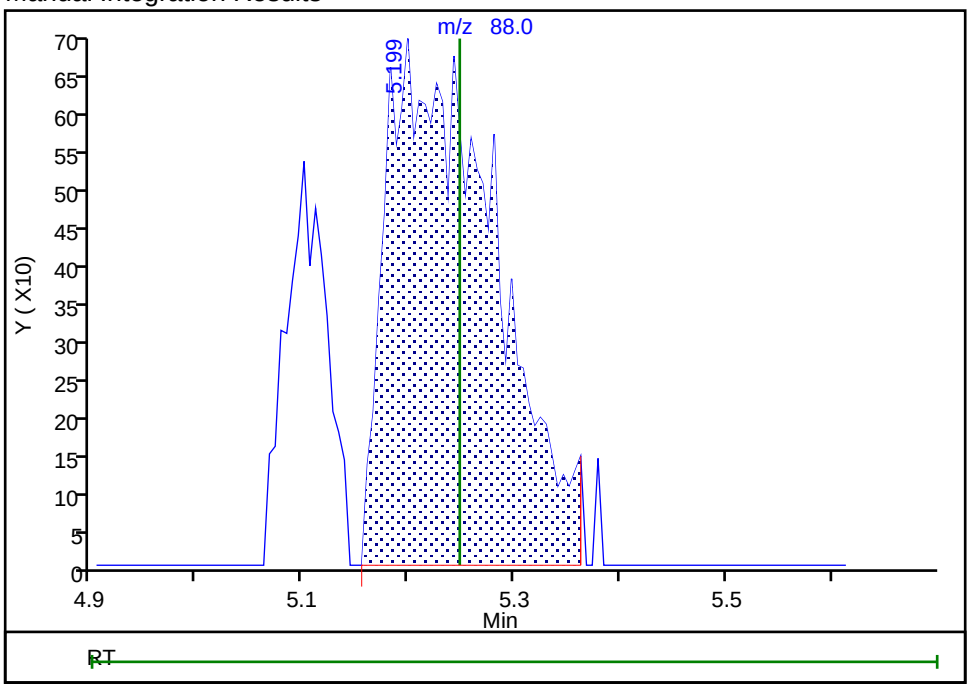
Processing Integration Results

RT: 5.20
Area: 1971
Amount: 58.381100
Amount Units: ug/l



Manual Integration Results

RT: 5.20
Area: 4941
Amount: 104.8741
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:43:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

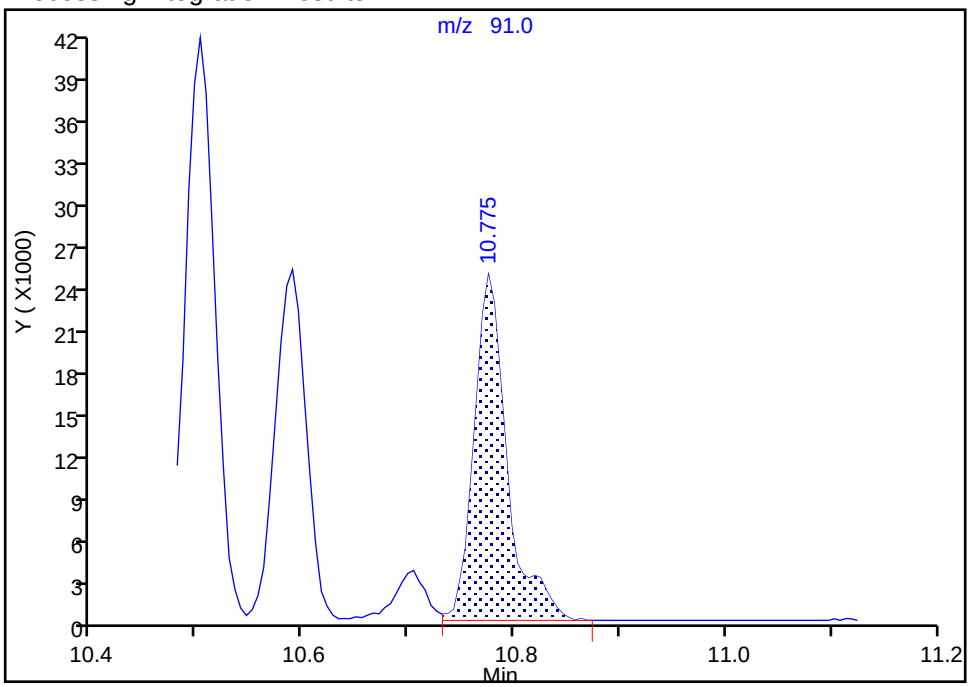
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

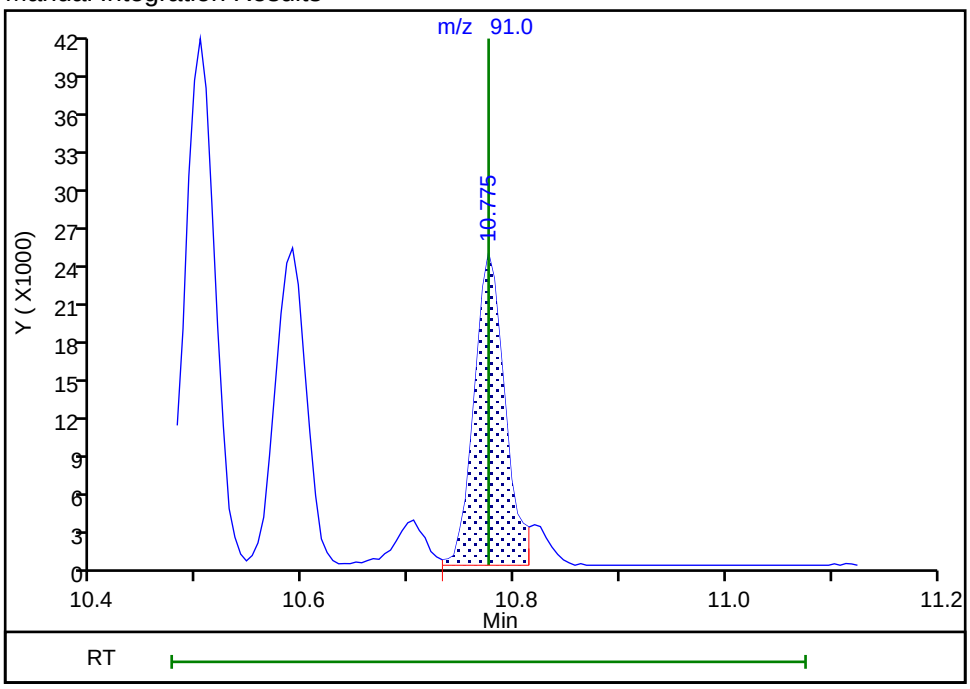
Processing Integration Results

RT: 10.78
Area: 53158
Amount: 4.684455
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 49439
Amount: 4.619913
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:43:35
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

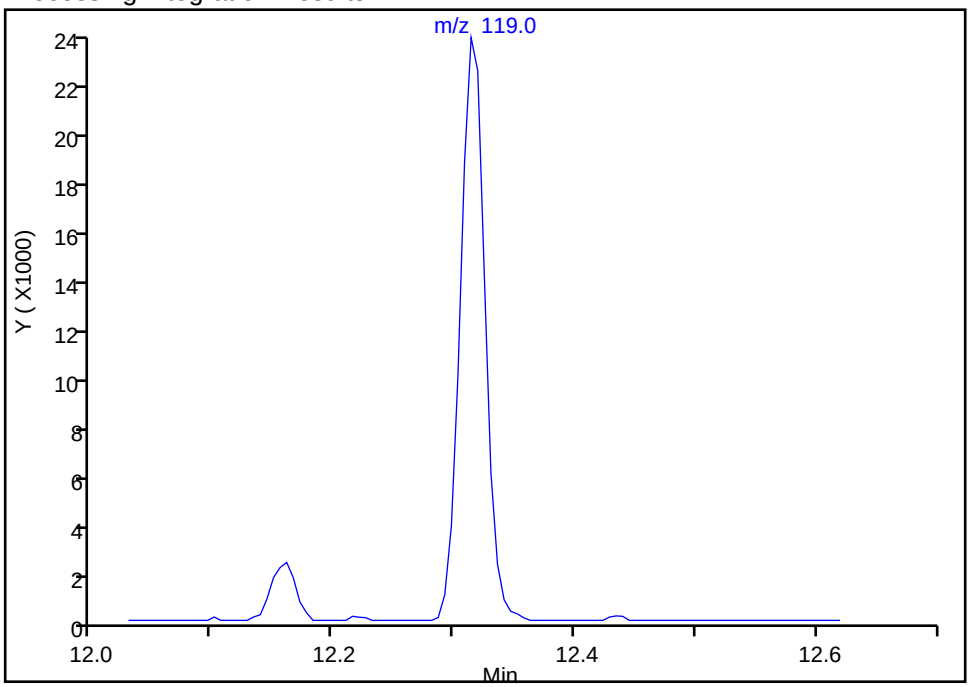
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18451.D
Injection Date: 26-Aug-2020 20:59:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

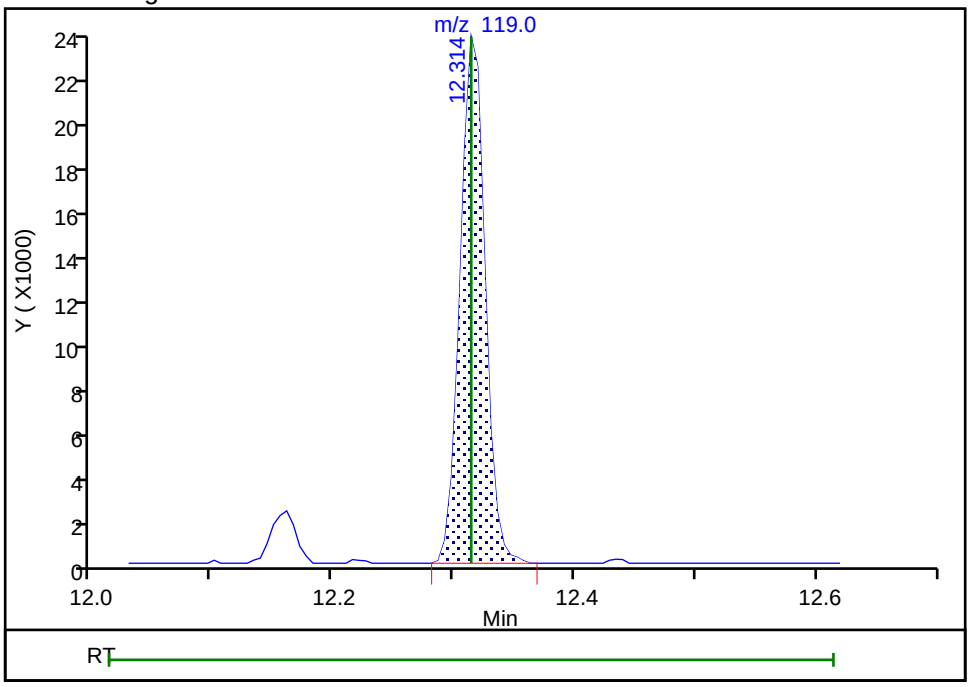
Not Detected
Expected RT: 12.31

Processing Integration Results



Manual Integration Results

RT: 12.31
Area: 33595
Amount: 4.590971
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:43:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 26-Aug-2020 21:22:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0115799-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:35:34 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 27-Aug-2020 15:34:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.036	1.036	0.000	43	7606	20.0	23.3	a
3 1,1-Difluoroethane	65	1.074	1.074	0.000	96	47883	20.0	22.7	
2 Chlorotrifluoroethene	116	1.112	1.112	0.000	94	29884	20.0	22.3	
5 Chlorodifluoromethane	67	1.129	1.129	0.000	97	16534	20.0	22.8	
4 Dichlorodifluoromethane	85	1.134	1.134	0.000	96	111471	20.0	21.6	
6 Chloromethane	50	1.249	1.249	0.000	99	163702	20.0	22.5	
7 Butadiene	54	1.281	1.281	0.000	96	102556	20.0	22.7	
8 Vinyl chloride	62	1.309	1.309	0.000	98	115582	20.0	23.1	
9 Bromomethane	94	1.489	1.489	0.000	99	76055	20.0	22.1	
10 Chloroethane	64	1.521	1.521	0.000	100	58610	20.0	22.8	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	99	142979	20.0	22.4	
13 Pentane	72	1.712	1.712	0.000	96	24593	40.0	43.4	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	47	110107	20.0	22.8	
15 Ethyl ether	59	1.838	1.838	0.000	95	59265	20.0	22.7	
16 2-Methyl-1,3-butadiene	53	1.865	1.865	0.000	91	80528	20.0	26.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	0.000	79	60088	20.0	22.6	
14 Ethanol	46	1.903	1.903	0.000	69	21355	800.0	778.2	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.914	1.914	0.000	94	104965	20.0	22.5	a
19 Acrolein	56	1.931	1.931	0.000	96	145464	300.0	280.0	
21 1,1-Dichloroethene	96	2.007	2.007	0.000	97	69016	20.0	22.8	
22 Acetone	43	2.034	2.034	0.000	86	115794	100.0	93.4	
20 112TCTFE	101	2.040	2.040	0.000	71	74460	20.0	24.2	
23 Iodomethane	142	2.116	2.116	0.000	98	144321	20.0	22.2	
24 Isopropyl alcohol	45	2.171	2.171	0.000	25	59951	200.0	133.9	M
25 Carbon disulfide	76	2.171	2.171	0.000	99	318886	20.0	23.6	
26 3-Chloro-1-propene	39	2.242	2.242	0.000	93	107656	20.0	22.3	
27 Methyl acetate	43	2.258	2.258	0.000	100	114435	40.0	37.1	
29 Acetonitrile	41	2.285	2.285	0.000	74	69521	200.0	191.1	M
28 Cyclopentene	67	2.307	2.307	0.000	96	207142	20.0	23.6	
31 Methylene Chloride	84	2.340	2.340	0.000	96	91753	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.405	0.000	95	414308	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.476	2.476	0.000	92	111945	200.0	182.9	Ma
35 Acrylonitrile	53	2.509	2.509	0.000	94	301173	200.0	218.4	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	98	80193	20.0	23.4	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	97	205328	20.0	22.3	
36 Hexane	43	2.738	2.738	0.000	93	72237	20.0	22.9	
38 1,1-Dichloroethane	63	2.853	2.853	0.000	99	151779	20.0	22.6	
39 Vinyl acetate	86	2.891	2.891	0.000	100	25529	40.0	28.2	M
37 Isopropyl ether	45	2.918	2.918	0.000	87	275044	20.0	22.4	
40 2-Chloro-1,3-butadiene	88	2.924	2.924	0.000	88	71959	20.0	22.9	
41 Tert-butyl ethyl ether	59	3.213	3.213	0.000	88	267374	20.0	24.4	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	94	291438	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	94	92760	20.0	22.7	
43 2,2-Dichloropropane	79	3.338	3.338	0.000	69	38399	20.0	22.8	
46 2-Butanone (MEK)	72	3.349	3.349	0.000	99	41764	100.0	96.4	M
45 Ethyl acetate	70	3.366	3.366	0.000	99	14180	40.0	37.8	M
48 Propionitrile	54	3.398	3.398	0.000	98	123947	200.0	187.3	
47 Methyl acrylate	55	3.437	3.437	0.000	98	50380	20.0	14.4	a
51 Methacrylonitrile	67	3.524	3.524	0.000	94	296205	200.0	215.5	
50 Chlorobromomethane	128	3.535	3.535	0.000	94	44211	20.0	22.6	
49 Tetrahydrofuran	72	3.595	3.595	0.000	81	20015	40.0	41.6	
52 Chloroform	83	3.611	3.611	0.000	99	144995	20.0	22.7	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	97	183503	50.0	52.9	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	99	119875	20.0	23.4	
53 Cyclohexane	84	3.840	3.840	0.000	93	124445	20.0	24.2	
57 1,1-Dichloropropene	75	3.928	3.928	0.000	97	106258	20.0	22.5	
56 Carbon tetrachloride	117	3.944	3.944	0.000	99	101328	20.0	23.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	187231	50.0	52.3	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	26511	500.0	365.0	a
60 Benzene	78	4.130	4.130	0.000	95	315922	20.0	22.6	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	96	96827	20.0	21.4	
59 Isooctane	57	4.217	4.217	0.000	96	333461	20.0	24.9	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	294380	20.0	22.2	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	94	65244	20.0	22.2	
* 66 Fluorobenzene	96	4.408	4.408	0.000	98	510166	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	96	80433	20.0	12.5	
68 n-Butanol	56	4.757	4.757	0.000	83	58837	500.0	368.2	
69 Trichloroethene	95	4.790	4.790	0.000	98	71978	20.0	22.1	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	10024	20.0	19.9	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	144885	20.0	23.9	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	91	76522	20.0	21.8	
77 Dibromomethane	93	5.161	5.161	0.000	98	43705	20.0	21.3	
* 73 1,4-Dioxane-d8	96	5.166	5.166	0.000	44	35141	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.183	0.000	93	74156	40.0	40.1	
75 1,4-Dioxane	88	5.248	5.248	0.000	84	20231	400.0	418.0	Ma
76 n-Propyl acetate	43	5.264	5.264	0.000	99	83081	20.0	19.5	
78 Dichlorobromomethane	83	5.352	5.352	0.000	99	90057	20.0	21.0	
79 2-Nitropropane	41	5.614	5.614	0.000	98	29169	40.0	39.1	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	10976	20.0	18.5	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	119474	400.0	391.2	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	93828	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	98	365615	100.0	108.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	99	561309	50.0	51.1	
84 Toluene	91	6.301	6.301	0.000	94	266093	20.0	21.6	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	75371	20.0	20.2	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	74031	20.0	21.6	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	95	43268	20.0	21.3	
88 Tetrachloroethene	166	7.021	7.021	0.000	98	62955	20.0	22.1	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	95	80986	20.0	21.0	
90 2-Hexanone	43	7.234	7.234	0.000	97	199765	100.0	102.7	
92 Chlorodibromomethane	129	7.365	7.365	0.000	99	57305	20.0	20.7	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	94100	20.0	21.3	
93 Ethylene Dibromide	107	7.496	7.496	0.000	98	48823	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.195	8.195	0.000	86	347873	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	94	160593	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	74040	20.0	22.0	
96 Ethylbenzene	106	8.435	8.435	0.000	98	92804	20.0	22.5	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	114411	20.0	22.2	
100 o-Xylene	106	9.220	9.220	0.000	93	123895	20.0	22.5	
101 Styrene	104	9.248	9.248	0.000	96	178173	20.0	22.3	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	48390	20.0	22.6	
103 Bromoform	173	9.488	9.488	0.000	97	40225	20.0	21.4	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	117102	20.0	20.9	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	332386	20.0	23.5	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	173827	50.0	52.9	
106 Bromobenzene	156	10.235	10.235	0.000	98	72057	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	84339	20.0	21.0	
109 1,2,3-Trichloropropane	110	10.372	10.372	0.000	98	20139	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	92	17649	20.0	20.0	
108 N-Propylbenzene	91	10.503	10.503	0.000	99	382030	20.0	22.2	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	229059	20.0	21.7	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	304013	20.0	22.5	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	215426	20.0	21.3	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	284446	20.0	21.9	
115 Butyl Methacrylate	87	11.081	11.081	0.000	93	88811	20.0	21.5	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	212988	20.0	16.8	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	288677	20.0	21.7	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	360178	20.0	22.1	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	140258	20.0	21.5	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.818	0.000	96	204021	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	302131	20.0	21.9	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	93	138425	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	302432	NC	NC	
124 Benzyl chloride	91	12.036	12.036	0.000	98	119636	20.0	21.0	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	283116	20.0	22.3	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	96	153964	20.0	21.7	
126 p-Diethylbenzene	119	12.314	12.314	0.000	93	159320	20.0	23.0	
127 n-Butylbenzene	92	12.341	12.341	0.000	99	165029	20.0	23.1	
130 1,2-Dibromo-3-Chloropropane	157	13.122	13.122	0.000	93	19430	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	13.127	13.127	0.000	98	316678	20.0	22.6	
131 1,3,5-Trichlorobenzene	180	13.329	13.329	0.000	98	138464	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	13.896	13.896	0.000	93	134146	20.0	21.6	
133 Hexachlorobutadiene	225	14.071	14.071	0.000	96	65935	20.0	21.2	
134 Naphthalene	128	14.104	14.104	0.000	99	328675	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.317	14.317	0.000	96	142362	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.0	
S 137 Xylenes, Total	100				0		40.0	44.7	
S 139 Total BTEX	1				0		100.0	111.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL		
ACROLEIN W_00111	Amount Added:	3.00	Units: uL		
524freon_00026	Amount Added:	2.00	Units: uL		
GASES Li_00383	Amount Added:	2.00	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:35:39 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D

Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9 Operator ID:

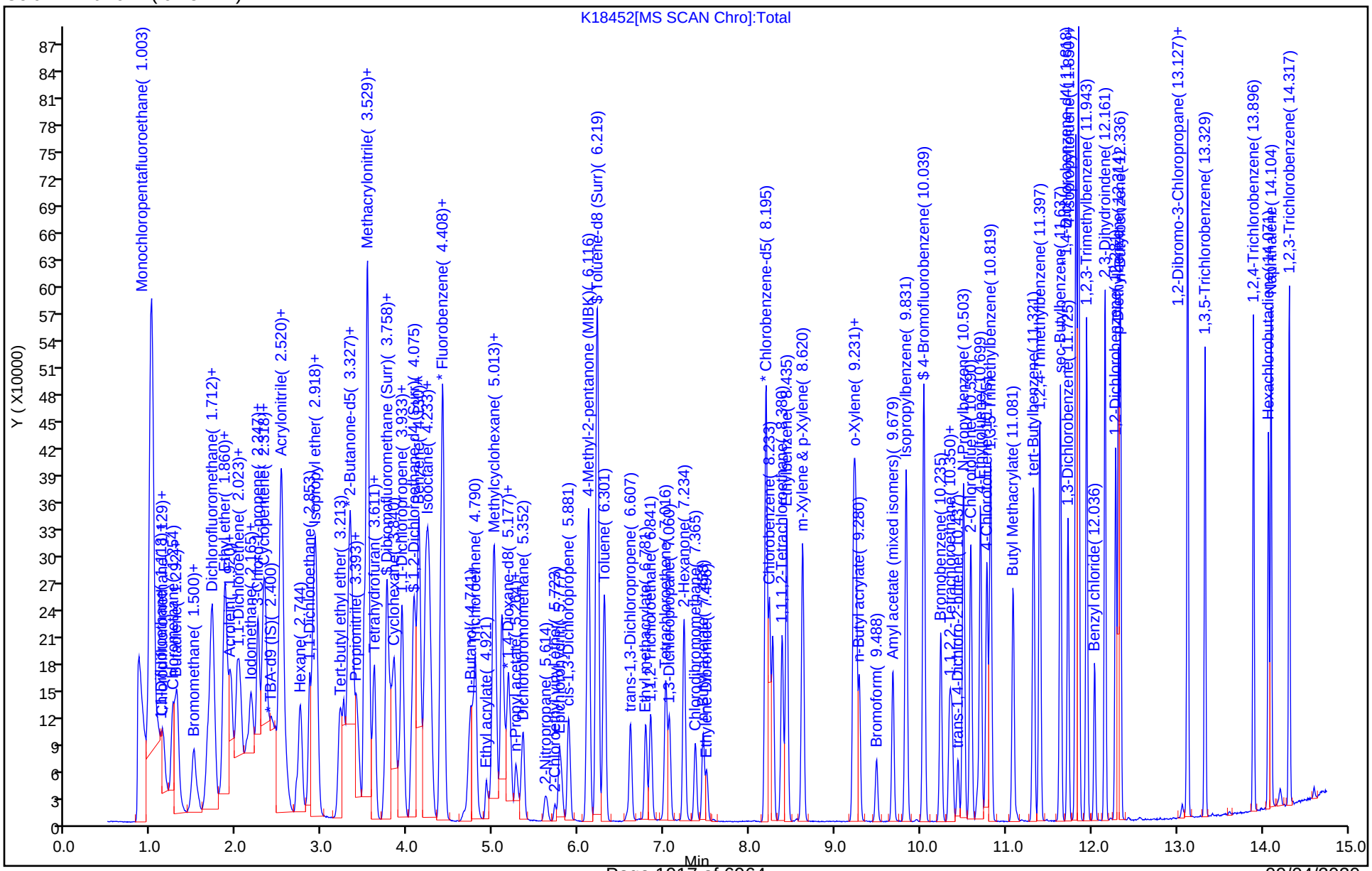
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

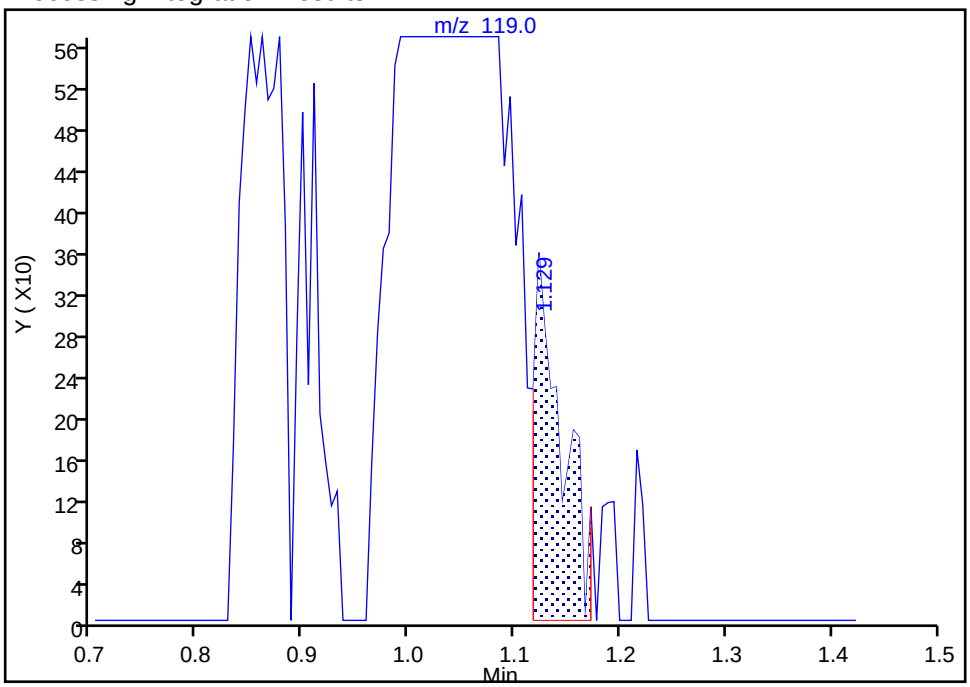
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

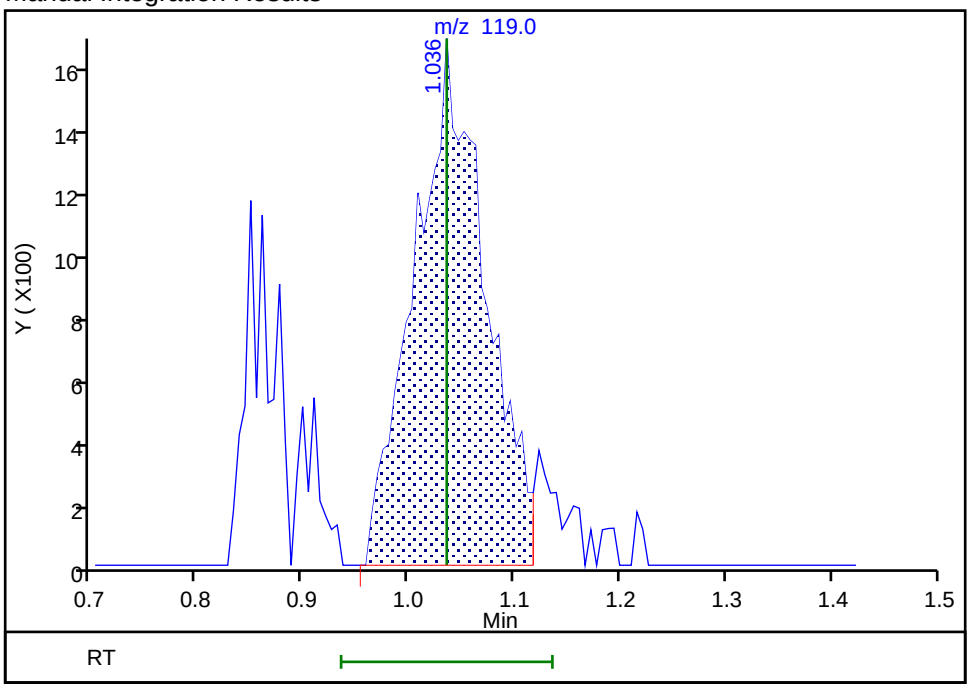
Processing Integration Results

RT: 1.13
Area: 668
Amount: 2.604987
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 7606
Amount: 23.344809
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:18:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

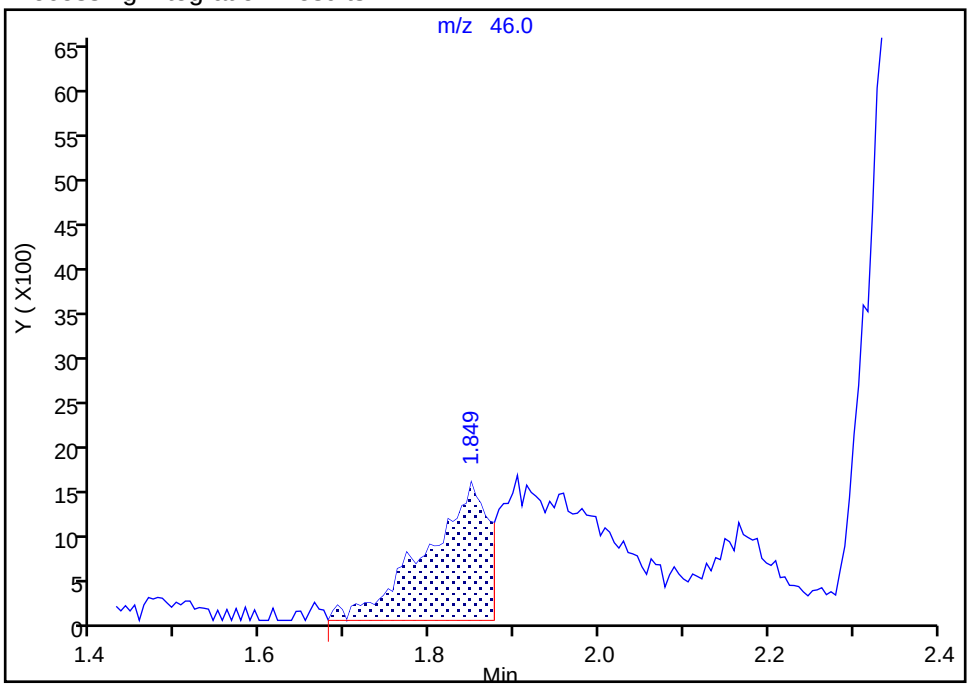
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

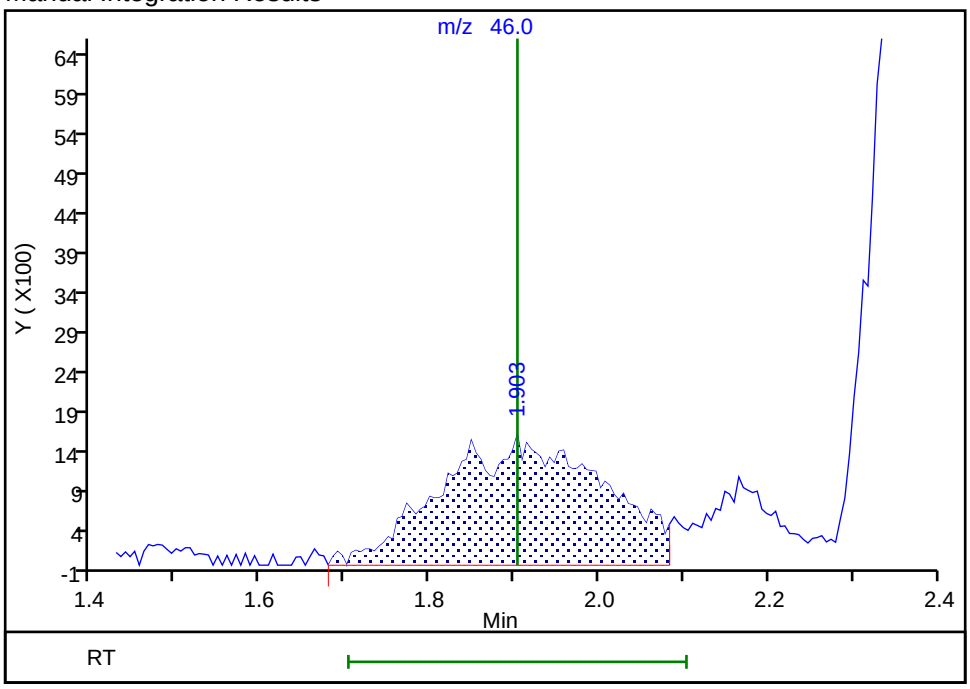
Processing Integration Results

RT: 1.85
Area: 7987
Amount: 357.3102
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 21355
Amount: 778.2216
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:19:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

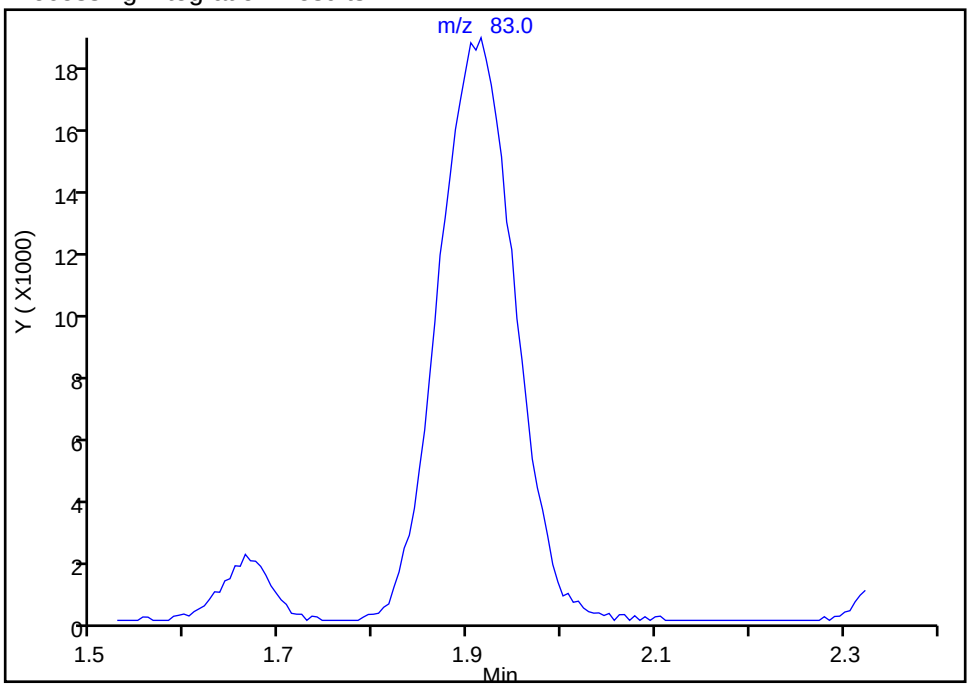
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

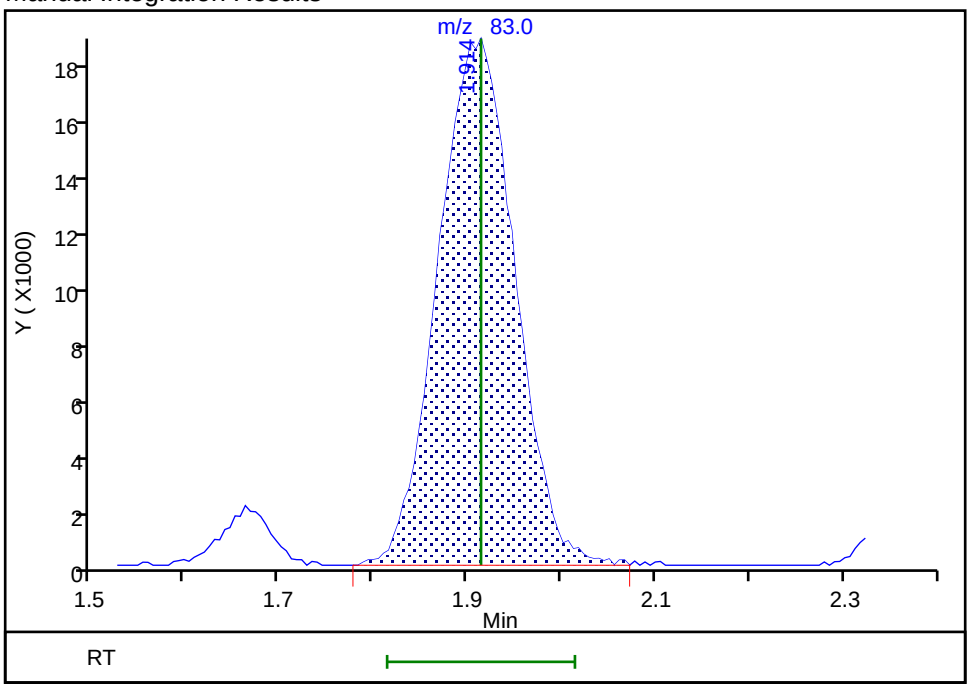
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 104965
Amount: 22.469068
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:19:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

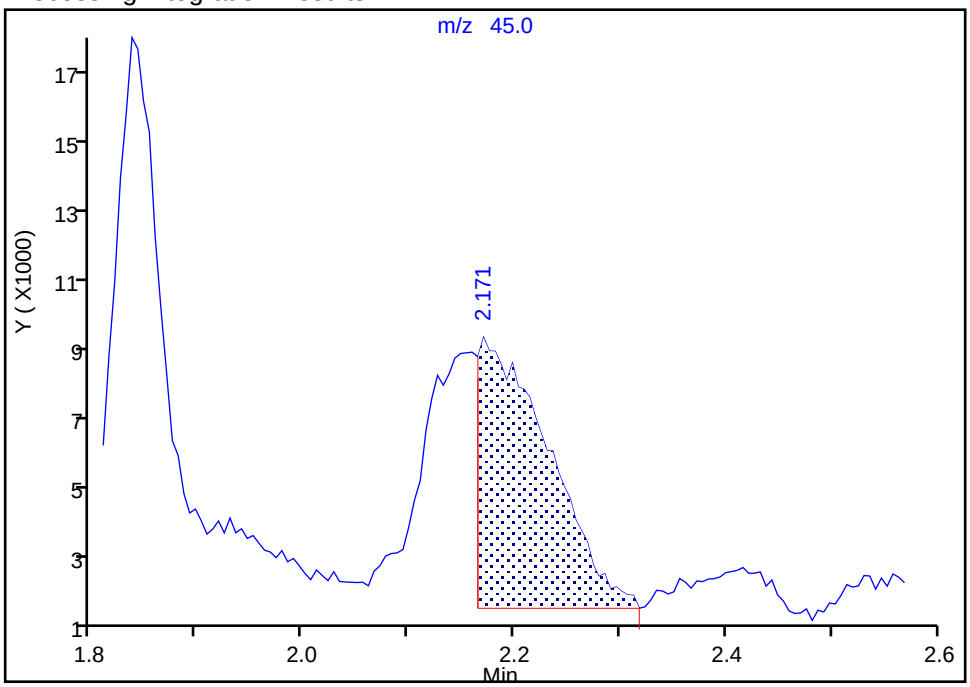
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

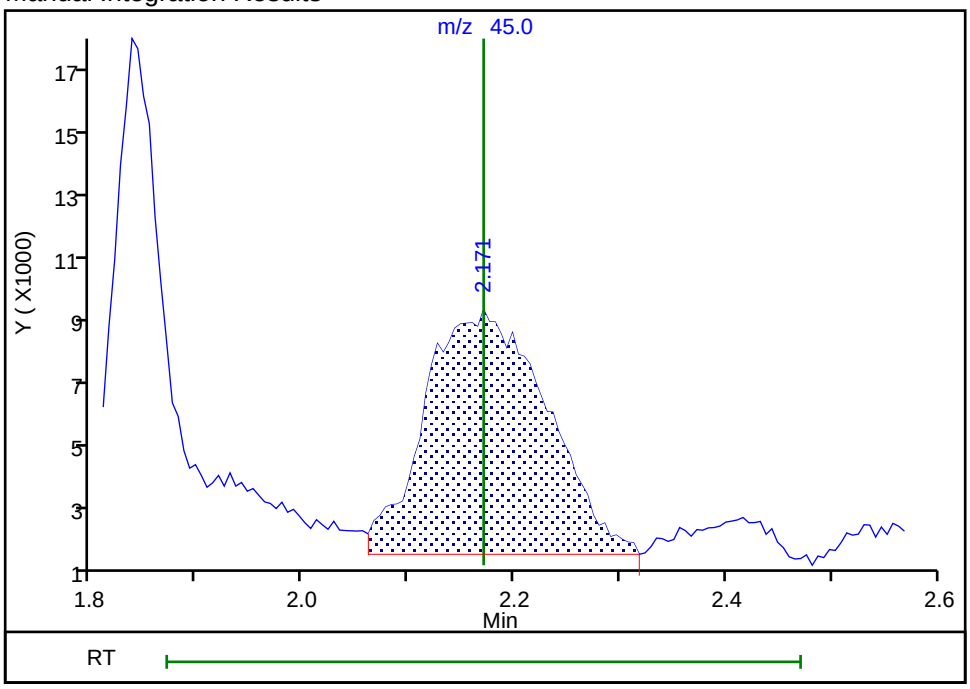
Processing Integration Results

RT: 2.17
Area: 35153
Amount: 75.788518
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 59951
Amount: 133.8814
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:19:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

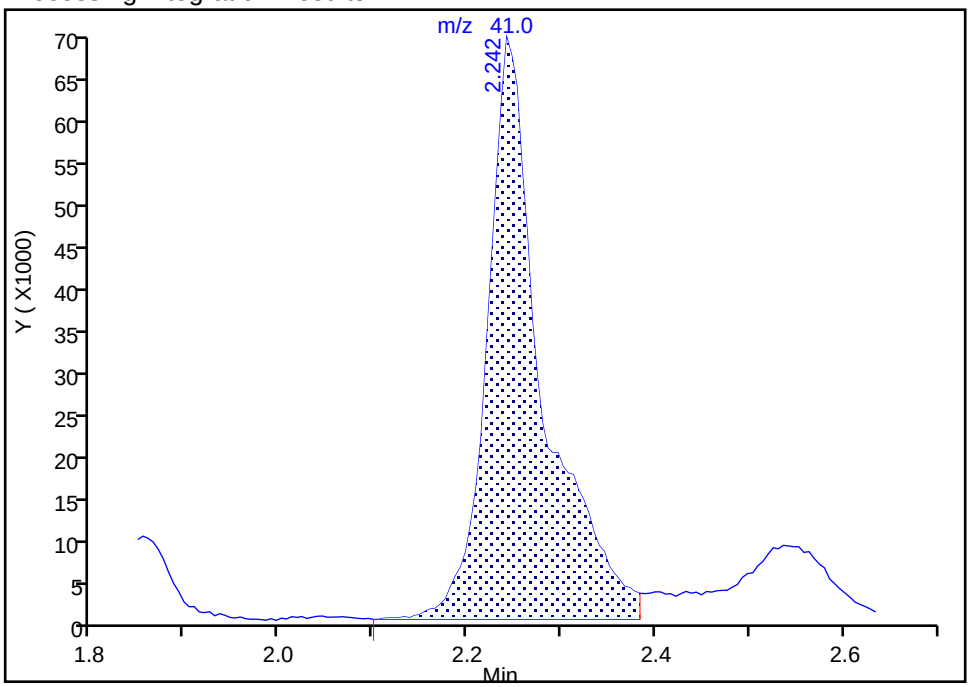
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

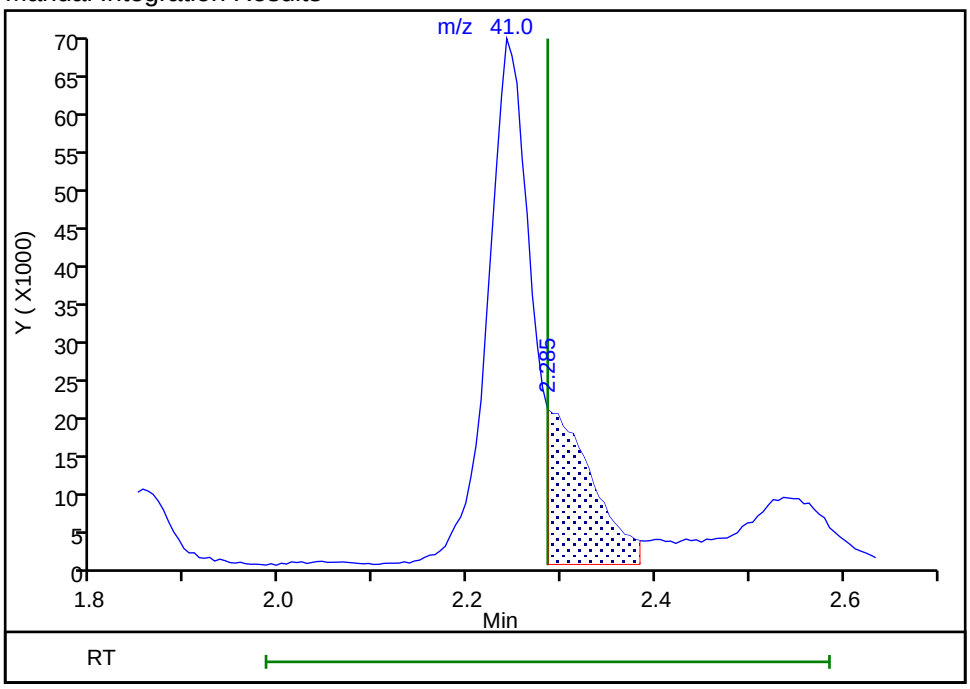
Processing Integration Results

RT: 2.24
Area: 283856
Amount: 251.6903
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 69521
Amount: 191.1250
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:20:07
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

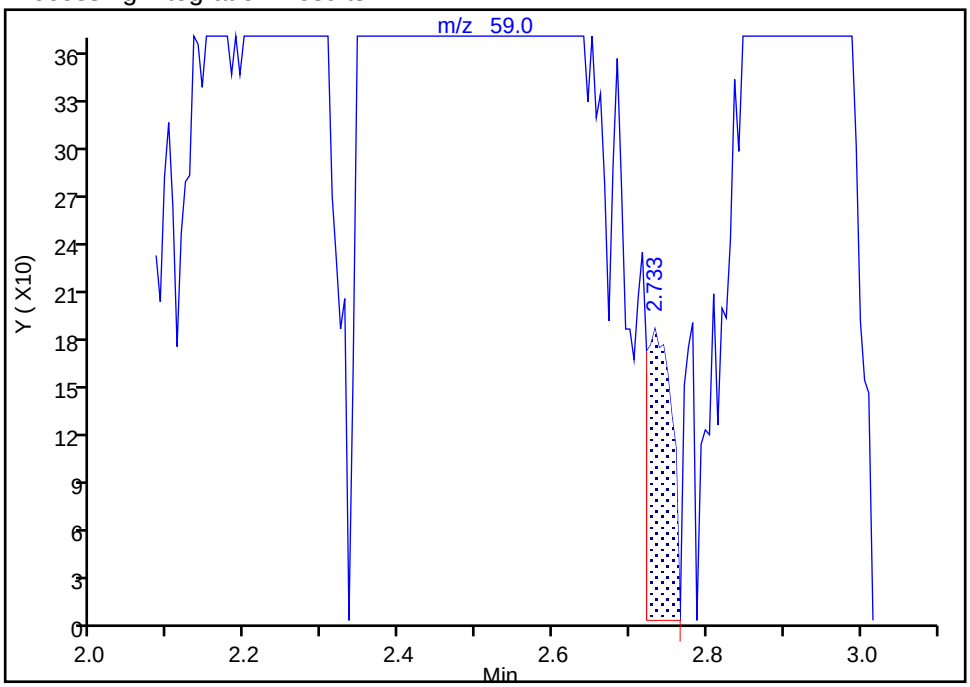
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

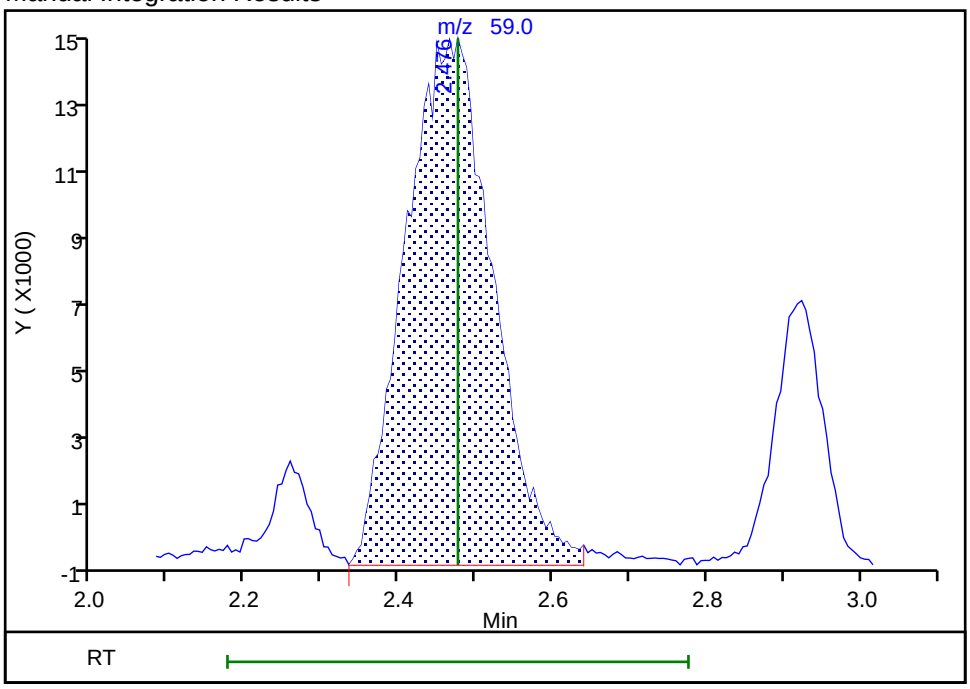
Processing Integration Results

RT: 2.73
Area: 411
Amount: 0.783687
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 111945
Amount: 182.8633
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:20:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

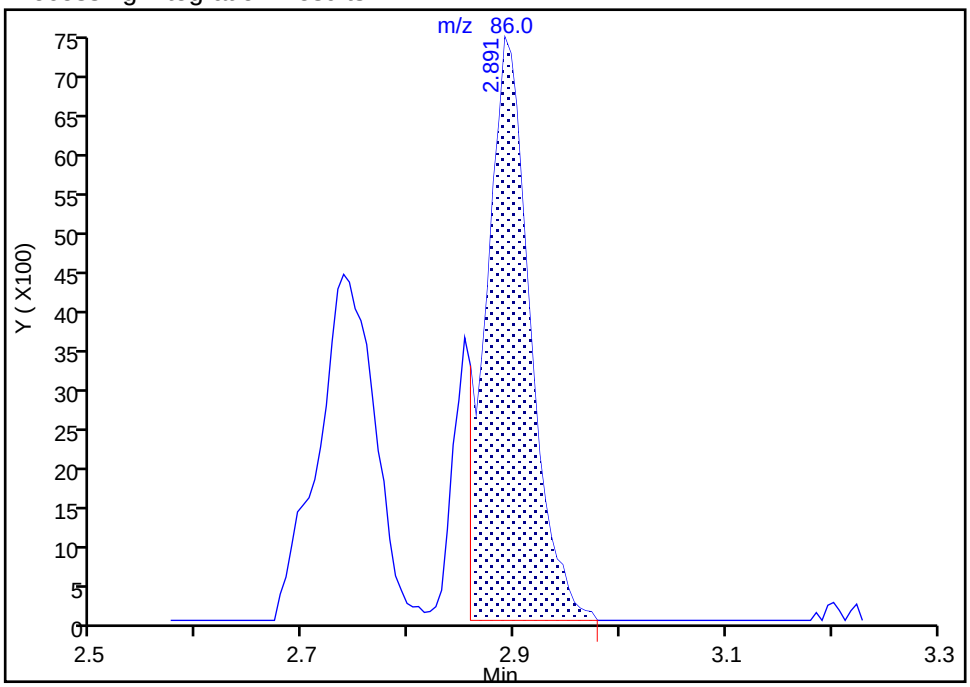
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

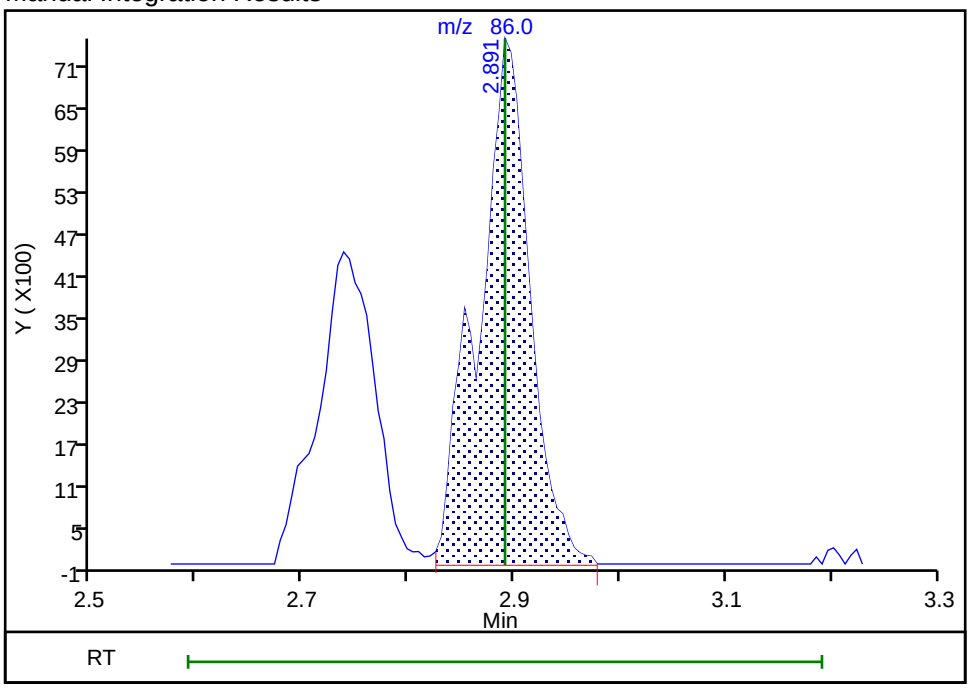
Processing Integration Results

RT: 2.89
Area: 21941
Amount: 23.458529
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 25529
Amount: 28.152860
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:14:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

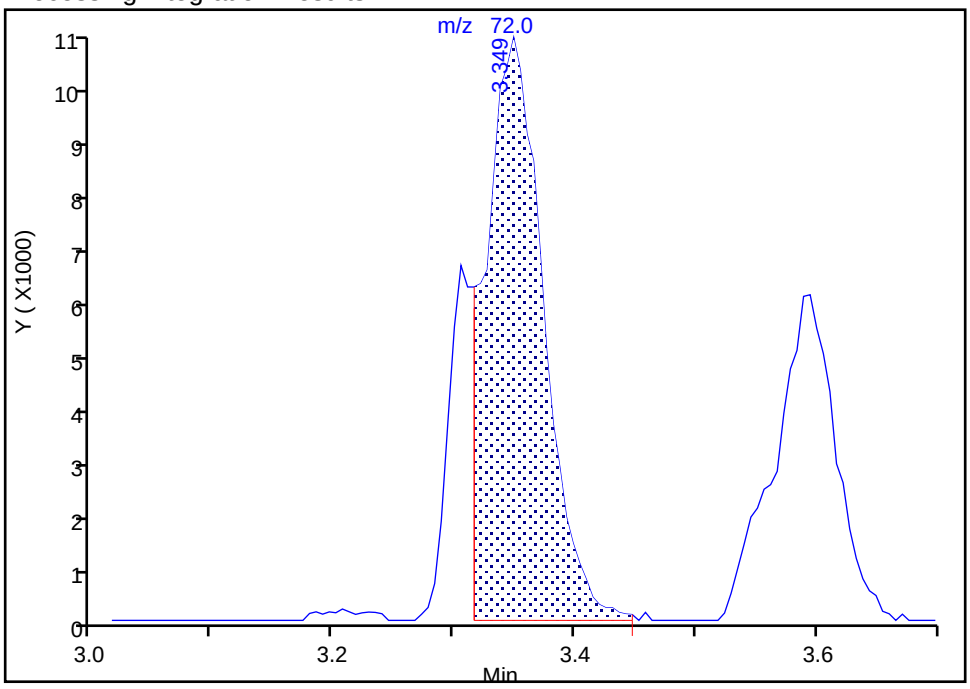
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

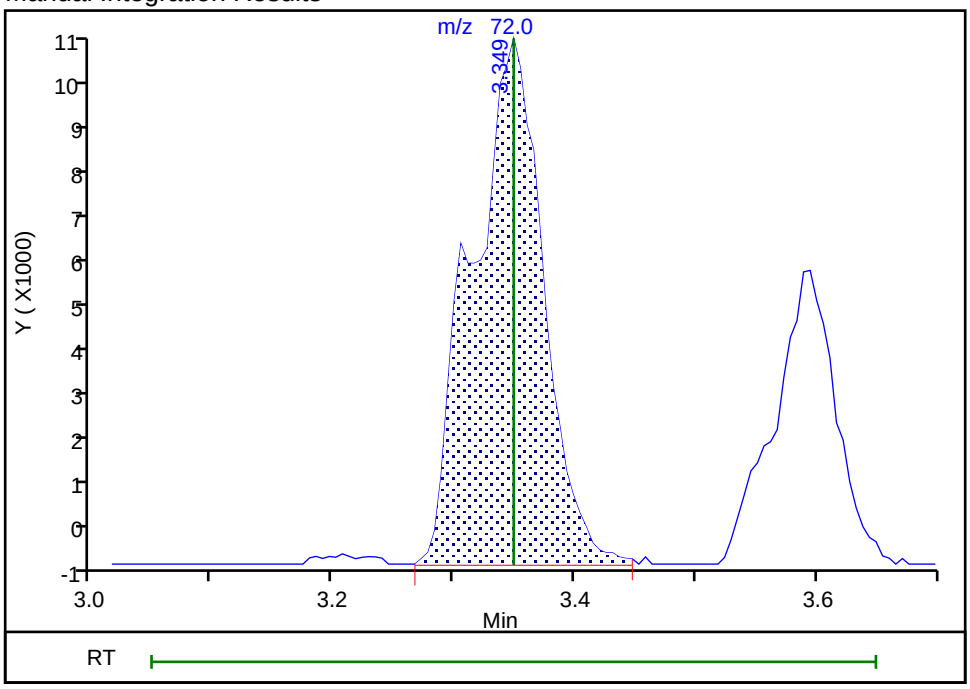
Processing Integration Results

RT: 3.35
Area: 33946
Amount: 82.101665
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 41764
Amount: 96.360601
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:21:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

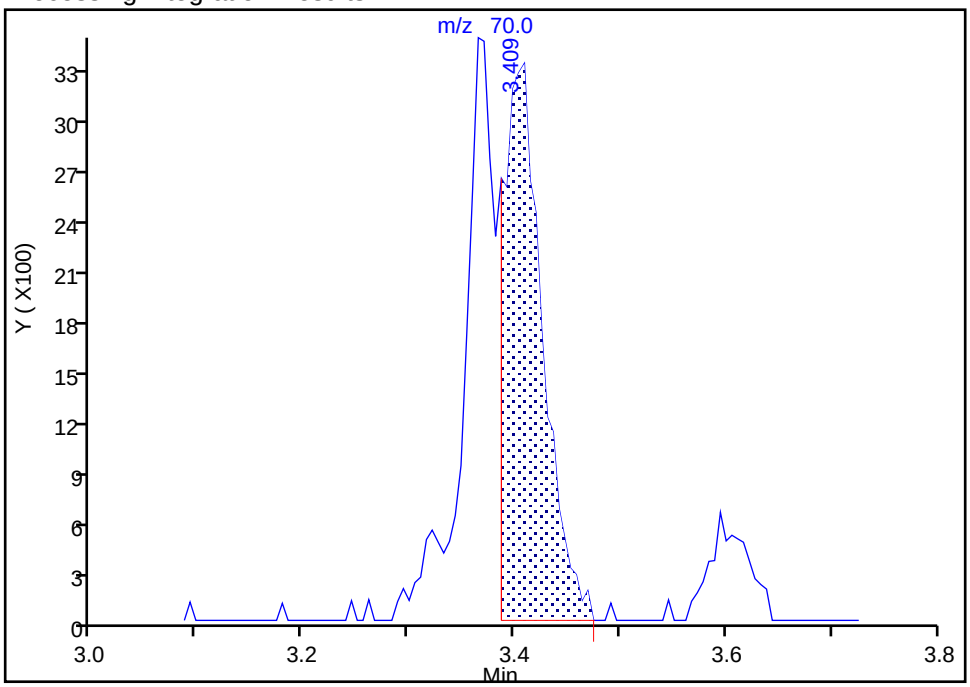
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

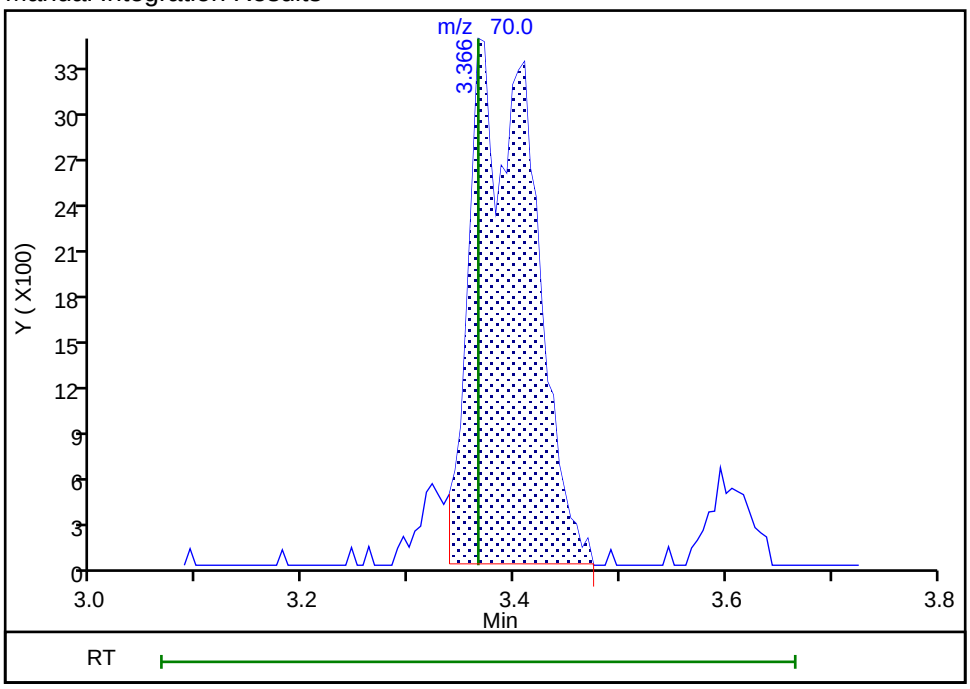
Processing Integration Results

RT: 3.41
Area: 8389
Amount: 23.210263
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 14180
Amount: 37.792569
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:21:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

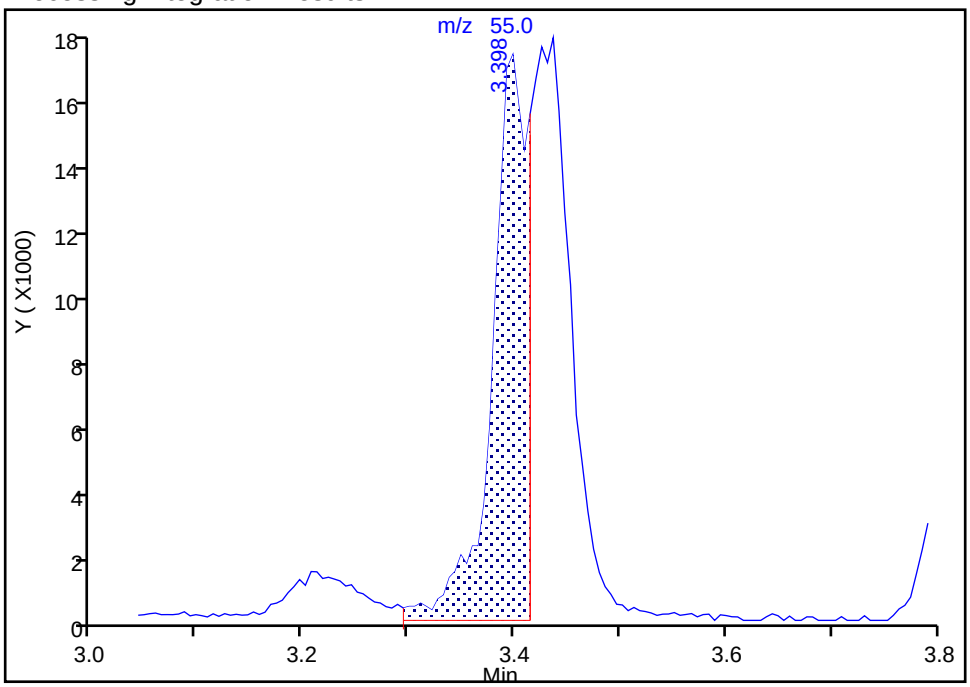
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

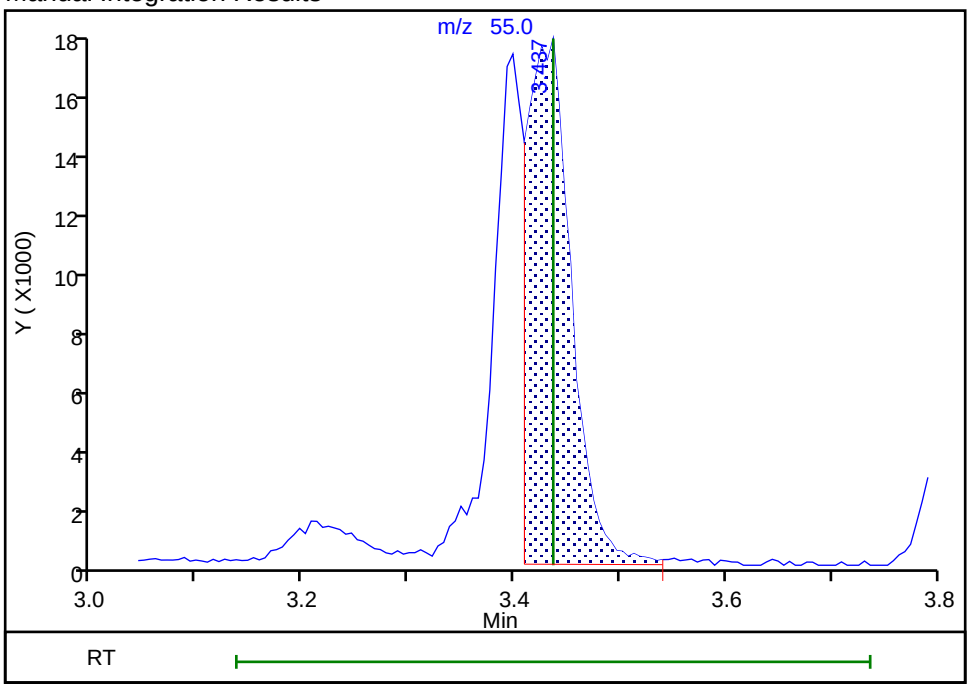
Processing Integration Results

RT: 3.40
Area: 40366
Amount: 11.106572
Amount Units: ug/l



Manual Integration Results

RT: 3.44
Area: 50380
Amount: 14.412939
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:21:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

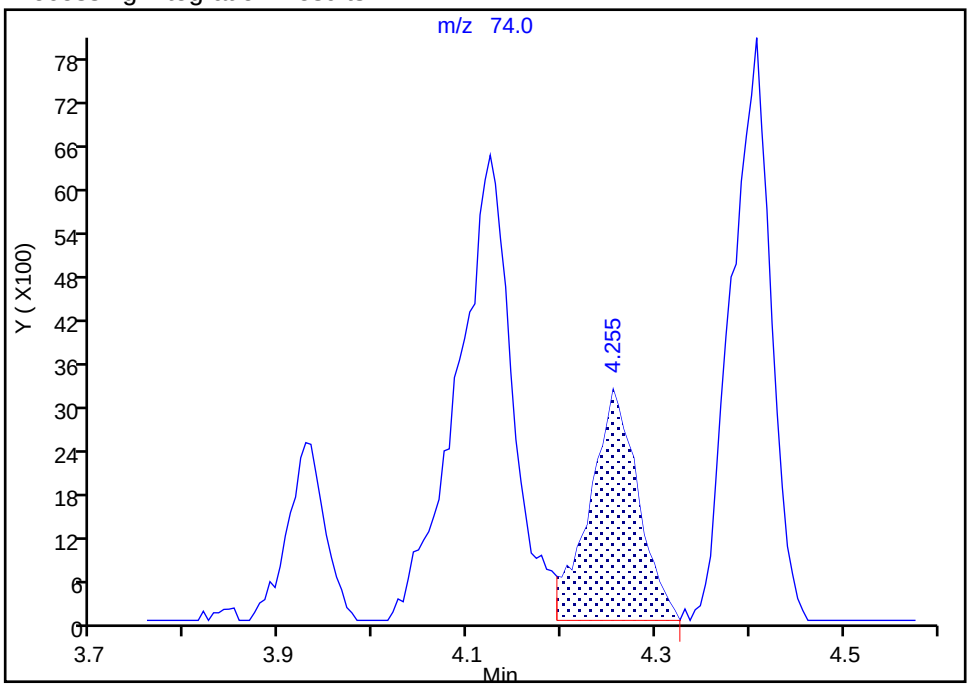
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

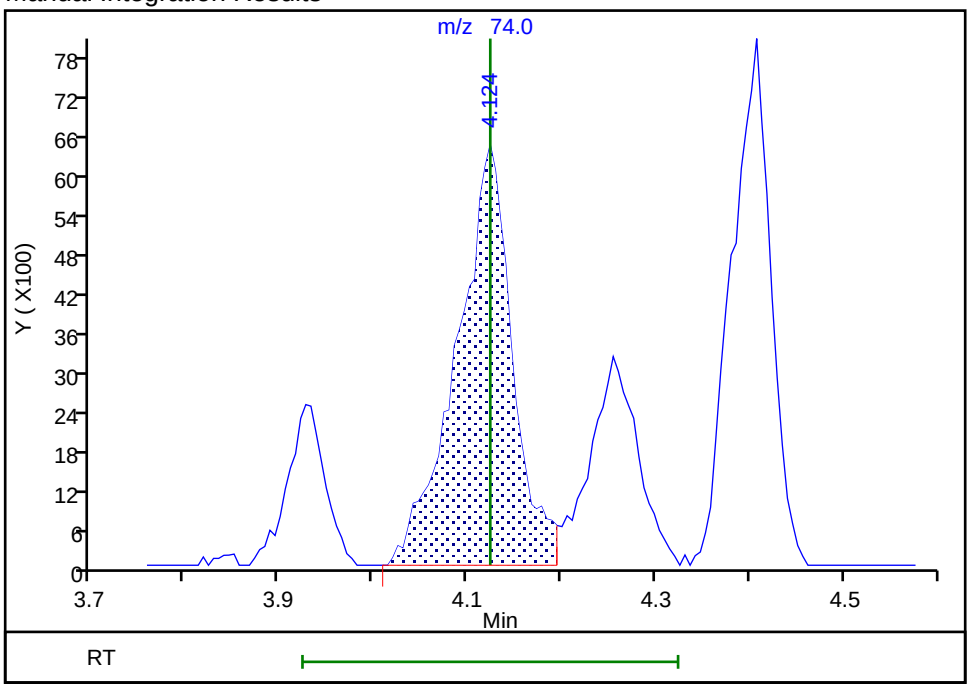
Processing Integration Results

RT: 4.26
Area: 11438
Amount: 153.5279
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 26511
Amount: 364.9605
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:22:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

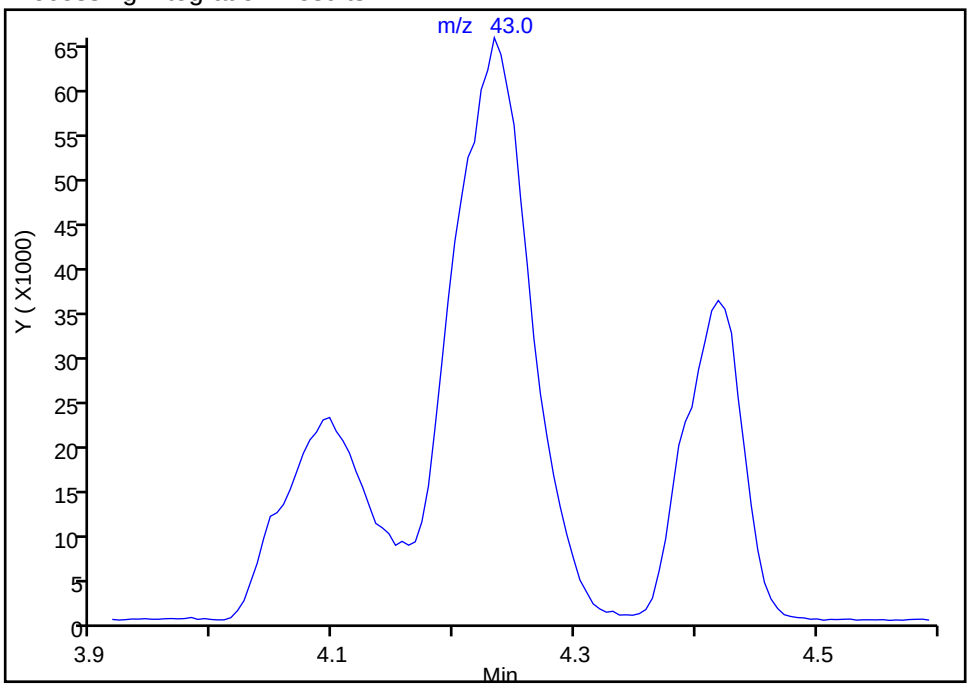
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

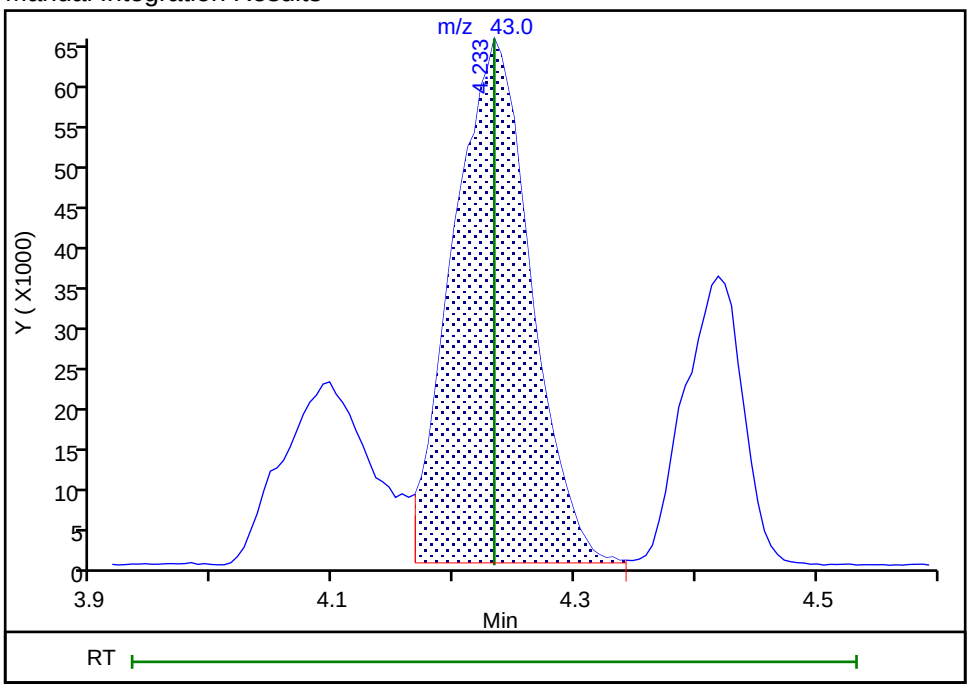
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 294380
Amount: 22.239166
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:22:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

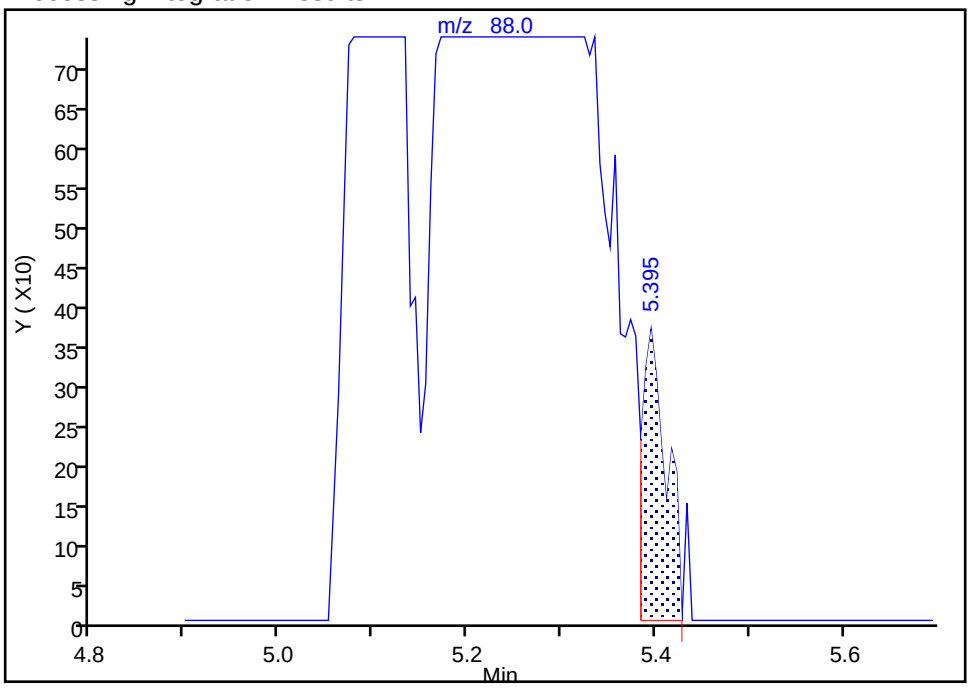
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

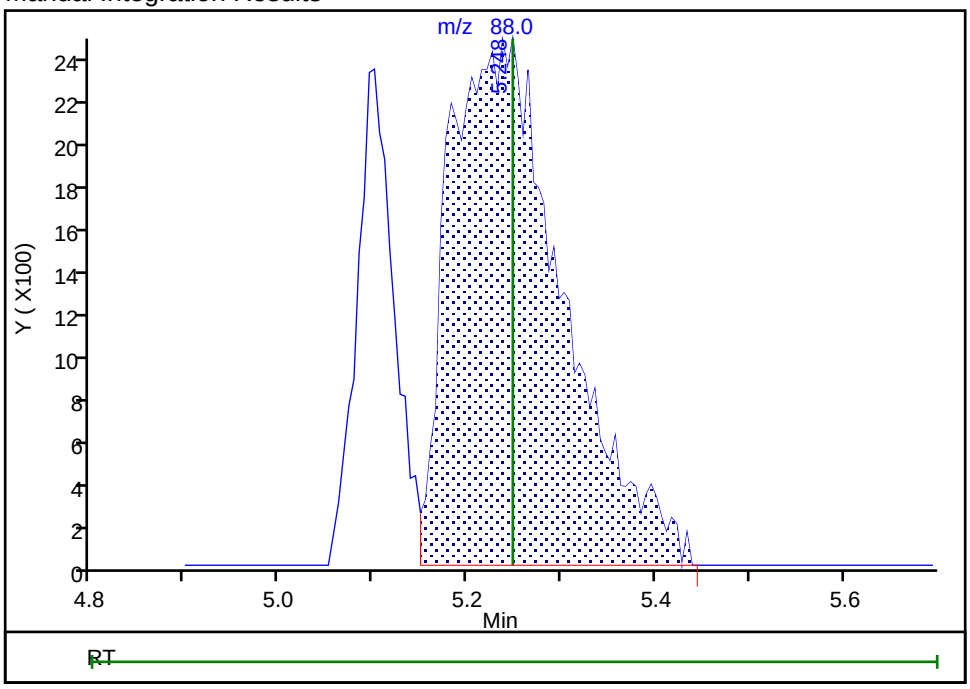
Processing Integration Results

RT: 5.40
Area: 655
Amount: 400.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.25
Area: 20231
Amount: 418.0376
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:23:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

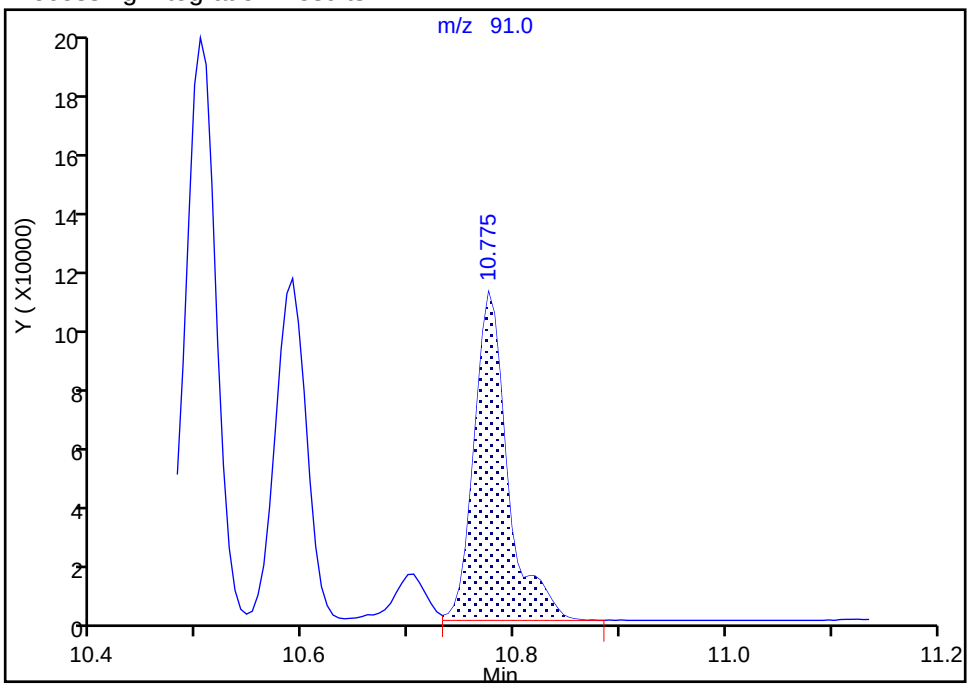
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18452.D
Injection Date: 26-Aug-2020 21:22:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

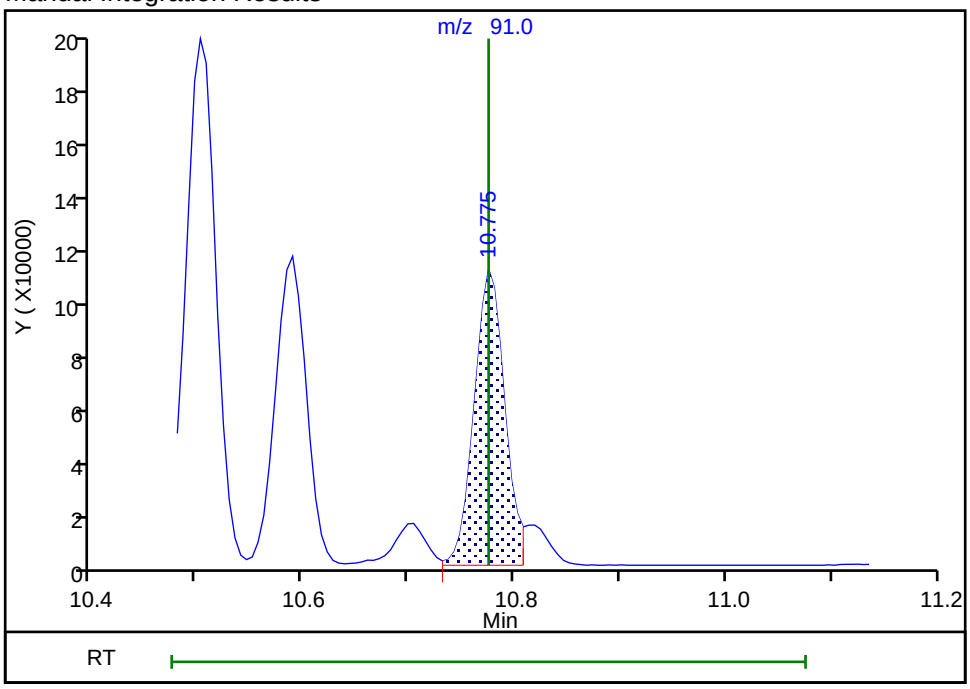
Processing Integration Results

RT: 10.78
Area: 236981
Amount: 21.692605
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 215426
Amount: 21.260339
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:25:12
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-Aug-2020 21:46:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0115799-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:35:52 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 10:58:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.036	1.036	0.000	65	20130	50.0	59.4	a
3 1,1-Difluoroethane	65	1.069	1.074	-0.005	91	113352	50.0	51.6	
2 Chlorotrifluoroethene	116	1.107	1.112	-0.005	55	74944	50.0	53.1	
5 Chlorodifluoromethane	67	1.129	1.129	0.000	97	37203	50.0	50.2	
4 Dichlorodifluoromethane	85	1.134	1.134	0.000	91	294989	50.0	54.9	
6 Chloromethane	50	1.243	1.249	-0.006	99	390470	50.0	51.7	
7 Butadiene	54	1.281	1.281	0.000	97	242093	50.0	51.5	
8 Vinyl chloride	62	1.309	1.309	0.000	98	269742	50.0	51.8	
9 Bromomethane	94	1.489	1.489	0.000	99	175299	50.0	49.0	
10 Chloroethane	64	1.521	1.521	0.000	100	126484	50.0	47.2	
11 Dichlorofluoromethane	67	1.663	1.669	-0.006	99	317845	50.0	47.8	
13 Pentane	72	1.712	1.712	0.000	96	55290	100.0	92.8	
12 Trichlorofluoromethane	101	1.723	1.718	0.005	95	252443	50.0	50.2	
15 Ethyl ether	59	1.838	1.838	0.000	97	130382	50.0	48.0	
16 2-Methyl-1,3-butadiene	53	1.860	1.865	-0.005	95	168753	50.0	54.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.871	1.871	0.000	82	138842	50.0	50.3	
14 Ethanol	46	1.936	1.903	0.033	67	48116	2000.0	1666.2	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.898	1.914	-0.016	82	255237	50.0	52.5	a
19 Acrolein	56	1.925	1.931	-0.006	97	180998	400.0	331.1	
21 1,1-Dichloroethene	96	2.002	2.007	-0.005	97	168946	50.0	53.6	
22 Acetone	43	2.040	2.034	0.006	86	295637	250.0	223.0	
20 112TCTFE	101	2.040	2.040	0.000	86	177270	50.0	55.4	
23 Iodomethane	142	2.116	2.116	0.000	98	350283	50.0	51.7	
24 Isopropyl alcohol	45	2.154	2.171	-0.017	96	148172	500.0	313.3	M
25 Carbon disulfide	76	2.171	2.171	0.000	100	738555	50.0	52.5	M
26 3-Chloro-1-propene	39	2.242	2.242	0.000	86	260497	50.0	51.9	a
27 Methyl acetate	43	2.258	2.258	0.000	100	300903	100.0	92.6	
29 Acetonitrile	41	2.285	2.285	0.000	37	161380	500.0	421.6	M
28 Cyclopentene	67	2.302	2.307	-0.005	96	475090	50.0	52.1	
31 Methylene Chloride	84	2.334	2.340	-0.006	95	213908	50.0	45.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.405	0.000	95	436004	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.460	2.476	-0.016	91	270555	500.0	420.0	a
35 Acrylonitrile	53	2.504	2.509	-0.005	94	726834	500.0	506.7	
34 trans-1,2-Dichloroethene	96	2.525	2.531	-0.006	97	186002	50.0	52.1	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	96	479302	50.0	50.1	
36 Hexane	43	2.733	2.738	-0.005	93	180978	50.0	55.2	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	99	374288	50.0	53.6	
39 Vinyl acetate	86	2.886	2.891	-0.005	100	64855	100.0	68.1	
37 Isopropyl ether	45	2.918	2.918	0.000	86	665746	50.0	52.1	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	91	178551	50.0	54.6	
41 Tert-butyl ethyl ether	59	3.213	3.213	0.000	88	607118	50.0	53.2	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	95	311589	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	96	218535	50.0	51.3	
43 2,2-Dichloropropane	79	3.338	3.338	0.000	94	87699	50.0	50.1	
46 2-Butanone (MEK)	72	3.344	3.349	-0.005	99	107411	250.0	231.8	
45 Ethyl acetate	70	3.398	3.366	0.032	100	36607	100.0	91.3	
48 Propionitrile	54	3.393	3.398	-0.005	81	303231	500.0	435.4	a
47 Methyl acrylate	55	3.426	3.437	-0.011	99	142166	50.0	39.0	Ma
51 Methacrylonitrile	67	3.524	3.524	0.000	93	737583	500.0	515.9	
50 Chlorobromomethane	128	3.529	3.535	-0.006	91	102482	50.0	50.3	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	89	50569	100.0	98.4	
52 Chloroform	83	3.606	3.611	-0.005	99	336570	50.0	50.7	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.753	-0.005	97	177179	50.0	49.1	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	99	280476	50.0	52.7	
53 Cyclohexane	84	3.840	3.840	0.000	93	292776	50.0	54.7	
57 1,1-Dichloropropene	75	3.928	3.928	0.000	96	254274	50.0	51.8	
56 Carbon tetrachloride	117	3.939	3.944	-0.005	98	243324	50.0	53.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	182272	50.0	49.0	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	65351	1250.0	856.1	a
60 Benzene	78	4.124	4.130	-0.006	95	755955	50.0	52.7	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	97	233989	50.0	49.6	
59 Isooctane	57	4.222	4.217	0.005	95	806307	50.0	57.9	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	718631	50.0	52.2	a
63 Tert-amyl methyl ether	87	4.250	4.255	-0.005	94	155696	50.0	50.9	
* 66 Fluorobenzene	96	4.402	4.408	-0.006	98	530753	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	95	169880	50.0	25.4	
68 n-Butanol	56	4.768	4.757	0.011	91	156801	1250.0	923.5	
69 Trichloroethene	95	4.790	4.790	0.000	99	179107	50.0	52.8	
70 Ethyl acrylate	56	4.915	4.921	-0.006	98	24787	50.0	47.3	
71 Methylcyclohexane	83	5.003	5.008	-0.005	96	349818	50.0	55.4	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	92	186150	50.0	51.0	
77 Dibromomethane	93	5.155	5.161	-0.006	98	107772	50.0	50.6	
* 73 1,4-Dioxane-d8	96	5.139	5.166	-0.027	32	36921	1000.0	1000.0	
74 Methyl methacrylate	69	5.188	5.183	0.005	92	195329	100.0	101.6	
75 1,4-Dioxane	88	5.215	5.248	-0.033	82	51467	1000.0	998.7	a
76 n-Propyl acetate	43	5.264	5.264	0.000	99	215921	50.0	48.7	
78 Dichlorobromomethane	83	5.346	5.352	-0.006	100	226155	50.0	50.8	
79 2-Nitropropane	41	5.614	5.614	0.000	99	73805	100.0	96.8	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	31112	50.1	50.3	
80 Epichlorohydrin	57	5.783	5.777	0.006	99	315342	1000.0	965.8	
81 cis-1,3-Dichloropropene	75	5.887	5.881	0.005	94	242509	50.0	51.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.116	-0.006	97	901486	250.0	249.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	100	567678	50.0	50.3	
84 Toluene	91	6.301	6.301	0.000	94	654741	50.0	51.7	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	97	194524	50.0	50.8	
86 Ethyl methacrylate	69	6.787	6.781	0.006	91	183743	50.0	52.2	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	96	108663	50.0	52.1	
88 Tetrachloroethene	166	7.021	7.021	0.000	99	157139	50.0	53.6	
89 1,3-Dichloropropane	76	7.065	7.060	0.005	95	203726	50.0	51.3	
90 2-Hexanone	43	7.229	7.234	-0.005	97	496489	250.0	238.7	
92 Chlorodibromomethane	129	7.365	7.365	0.000	98	146267	50.0	51.5	
91 n-Butyl acetate	43	7.452	7.458	-0.006	99	225340	50.0	49.5	
93 Ethylene Dibromide	107	7.496	7.496	0.000	98	122999	50.0	51.6	
* 94 Chlorobenzene-d5	117	8.195	8.195	0.000	86	357637	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	94	386950	50.0	50.5	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	96	182984	50.0	52.8	
96 Ethylbenzene	106	8.435	8.435	0.000	98	220547	50.0	52.1	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	271011	50.0	51.1	
100 o-Xylene	106	9.220	9.220	0.000	94	301484	50.0	53.3	
101 Styrene	104	9.248	9.248	0.000	95	423120	50.0	51.5	
99 n-Butyl acrylate	73	9.280	9.286	-0.006	97	112272	50.0	50.9	
103 Bromoform	173	9.488	9.488	0.000	97	99213	50.0	51.4	
102 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	90	271813	50.0	50.6	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	799381	50.0	54.9	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	164646	50.0	48.7	
106 Bromobenzene	156	10.235	10.235	0.000	98	170873	50.0	50.9	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	201299	50.0	52.4	
109 1,2,3-Trichloropropane	110	10.366	10.372	-0.006	99	47247	50.0	50.4	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	91	41984	50.0	49.8	
108 N-Propylbenzene	91	10.503	10.503	0.000	99	882870	50.0	53.5	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	529428	50.0	52.4	
112 4-Ethyltoluene	105	10.704	10.699	0.005	99	701942	50.0	54.3	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	490518	50.0	50.6	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	669500	50.0	53.8	
115 Butyl Methacrylate	87	11.086	11.081	0.005	92	211894	50.0	53.6	
116 tert-Butylbenzene	119	11.321	11.321	0.000	94	543484	50.0	44.9	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	666654	50.0	52.3	
118 sec-Butylbenzene	105	11.638	11.637	0.001	99	867337	50.0	55.5	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	317824	50.0	50.8	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.818	0.000	95	195242	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	716308	50.0	54.3	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	92	310514	50.0	50.1	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	98	721060	NC	NC	
124 Benzyl chloride	91	12.036	12.036	0.000	99	278700	50.0	51.0	
125 2,3-Dihydroindene	117	12.156	12.161	-0.005	95	647272	50.0	53.3	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	96	344107	50.0	50.6	
126 p-Diethylbenzene	119	12.314	12.314	0.000	91	357140	50.0	53.9	a
127 n-Butylbenzene	92	12.341	12.341	0.000	98	360229	50.0	52.6	
130 1,2-Dibromo-3-Chloropropane	157	13.116	13.122	-0.006	95	46853	50.0	52.3	
129 1,2,4,5-Tetramethylbenzene	119	13.122	13.127	-0.005	97	727904	50.0	54.2	
131 1,3,5-Trichlorobenzene	180	13.324	13.329	-0.005	98	296372	50.0	51.3	
132 1,2,4-Trichlorobenzene	180	13.886	13.896	-0.010	94	288968	50.0	48.7	
133 Hexachlorobutadiene	225	14.060	14.071	-0.011	97	155251	50.0	52.2	
134 Naphthalene	128	14.093	14.104	-0.011	99	754169	50.0	52.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.306	14.317	-0.011	96	313173	50.0	49.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	103.4	
S 137 Xylenes, Total	100				0		100.0	104.3	
S 139 Total BTEX	1				0		250.0	260.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL		
8260MIX1COMB_00124	Amount Added:	5.00	Units: uL		
524freon_00026	Amount Added:	5.00	Units: uL		
GASES Li_00383	Amount Added:	5.00	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:35:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D

Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9 Operator ID:

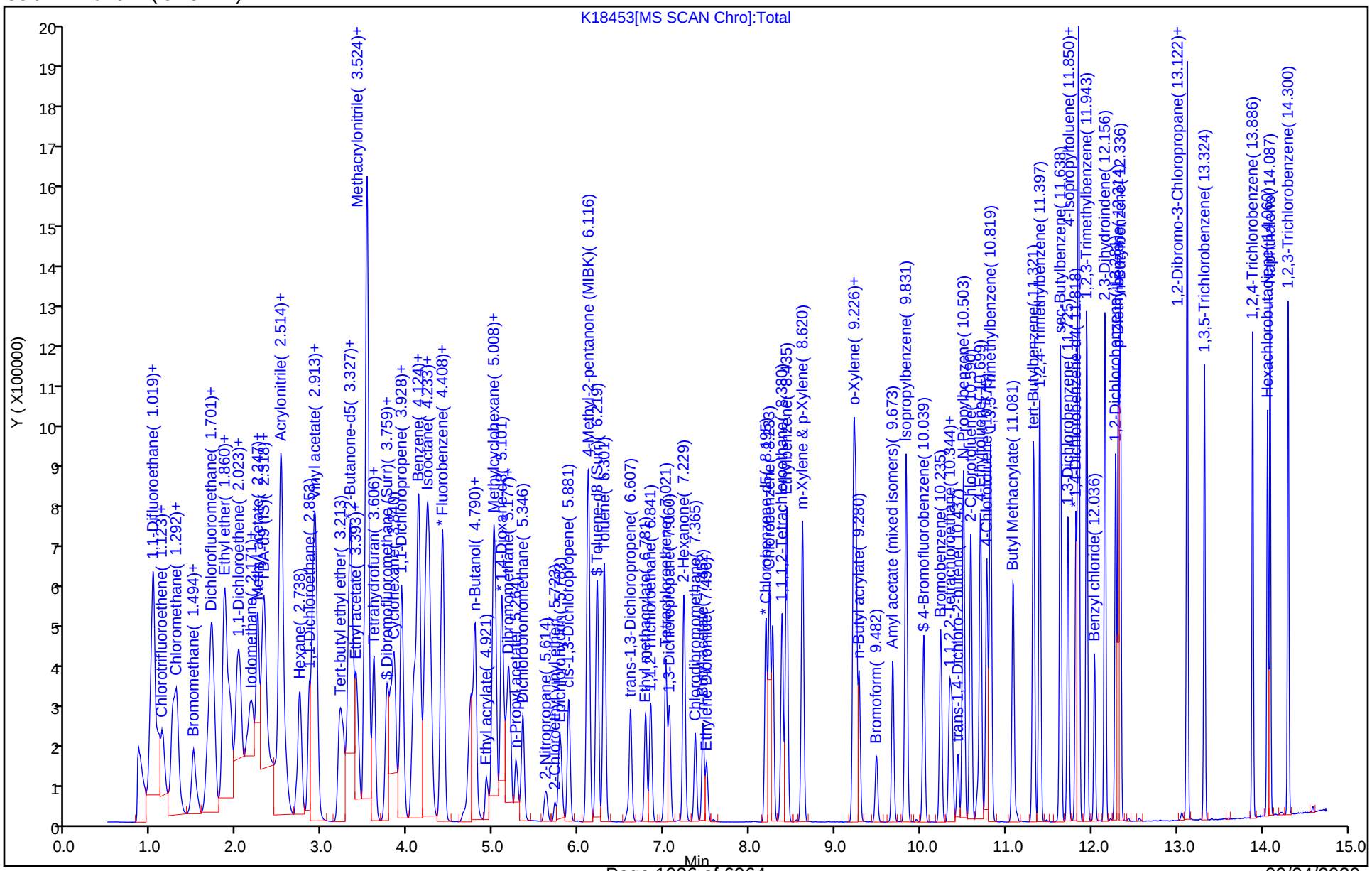
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

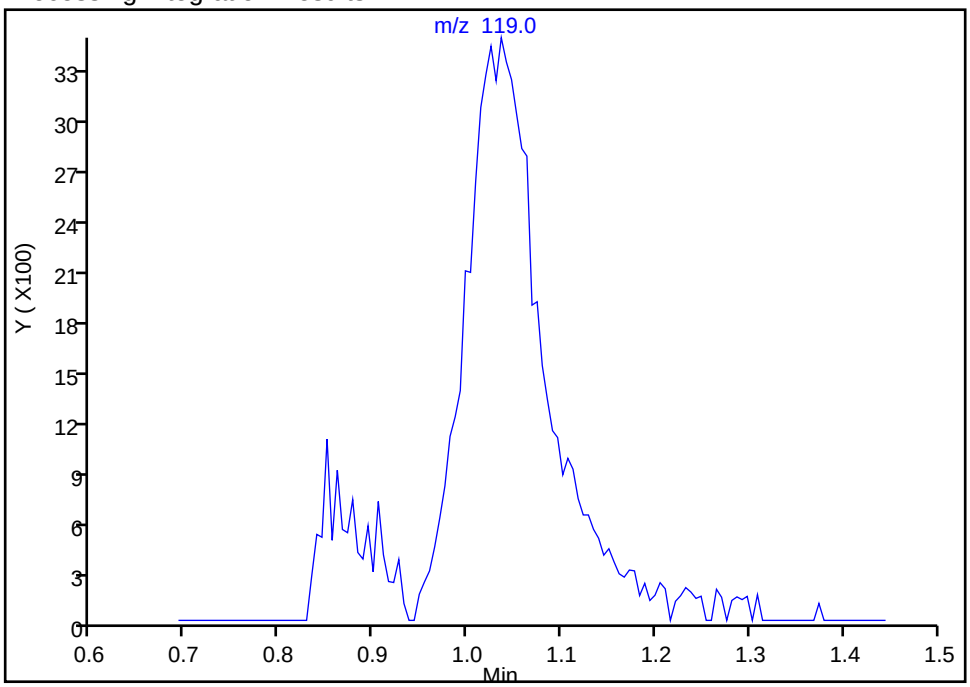
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

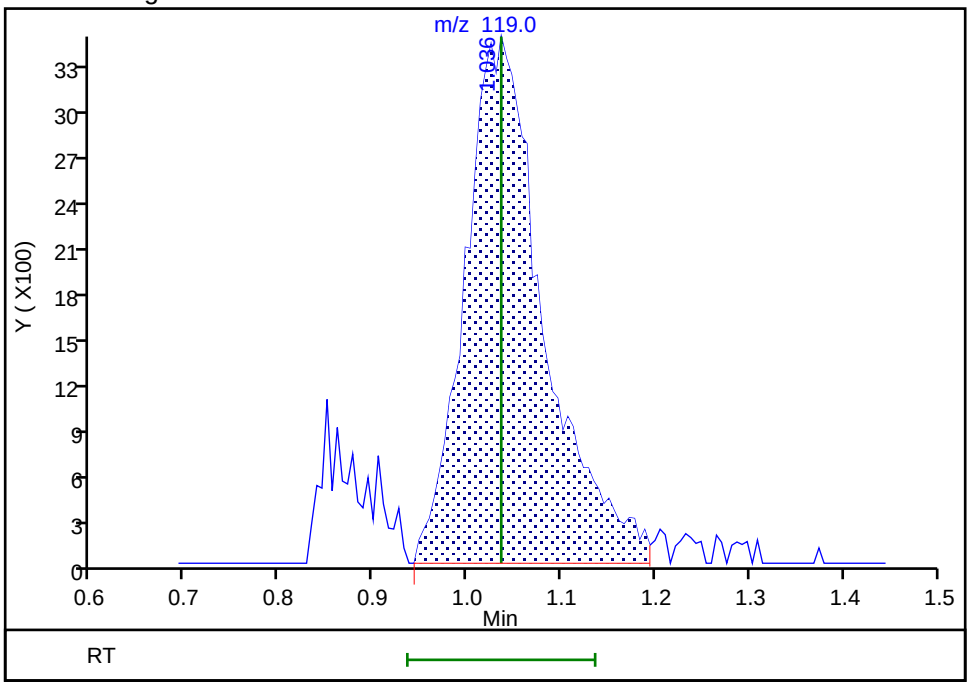
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.04
Area: 20130
Amount: 59.387746
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:45:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

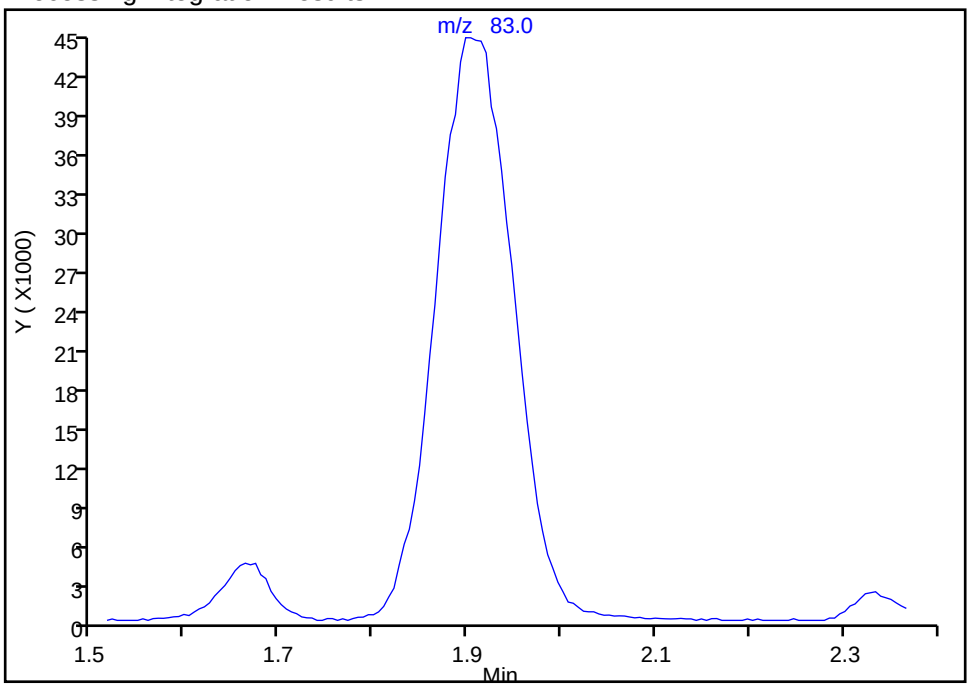
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

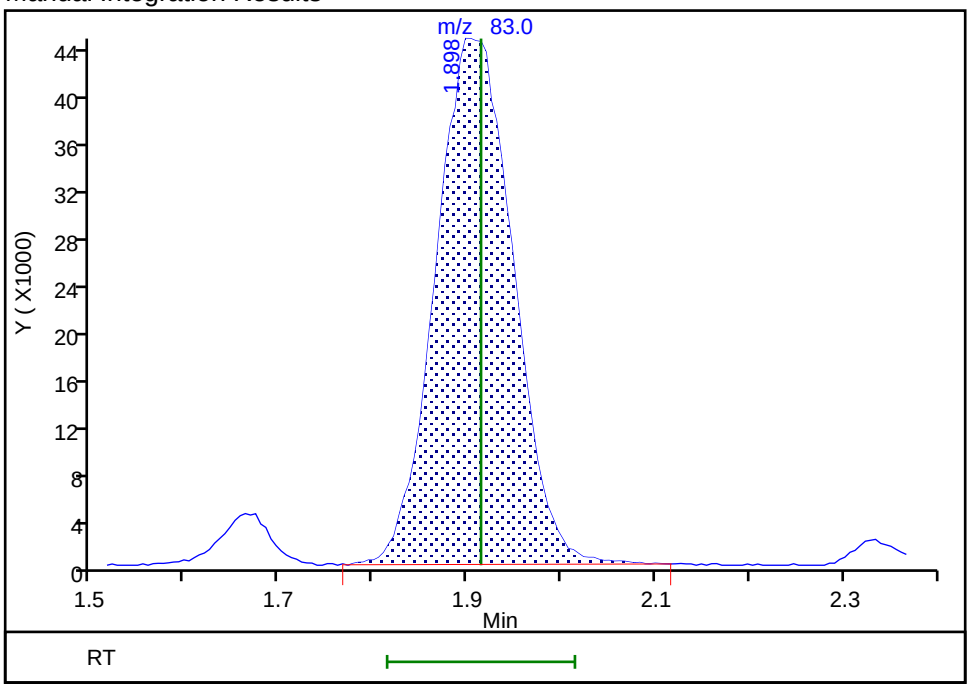
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 255237
Amount: 52.517402
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:45:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

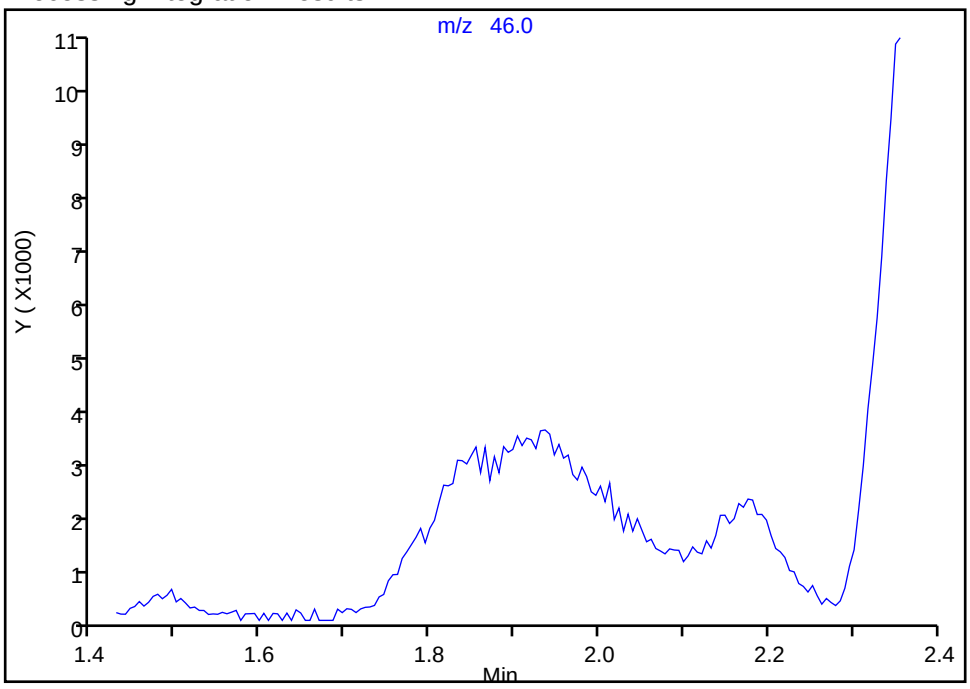
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

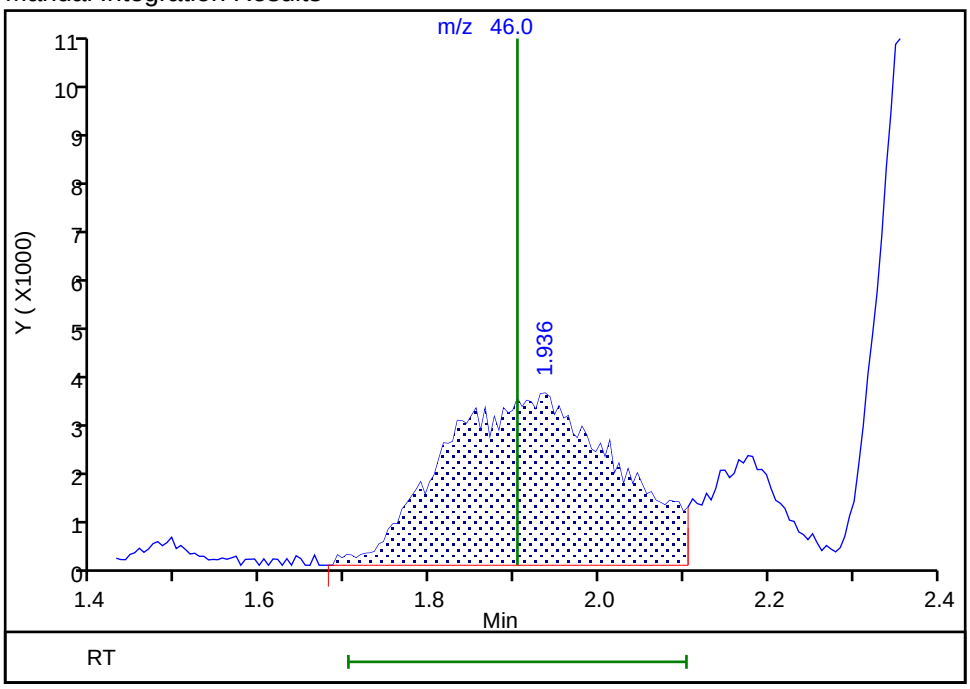
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 48116
Amount: 1666.1959
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:45:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

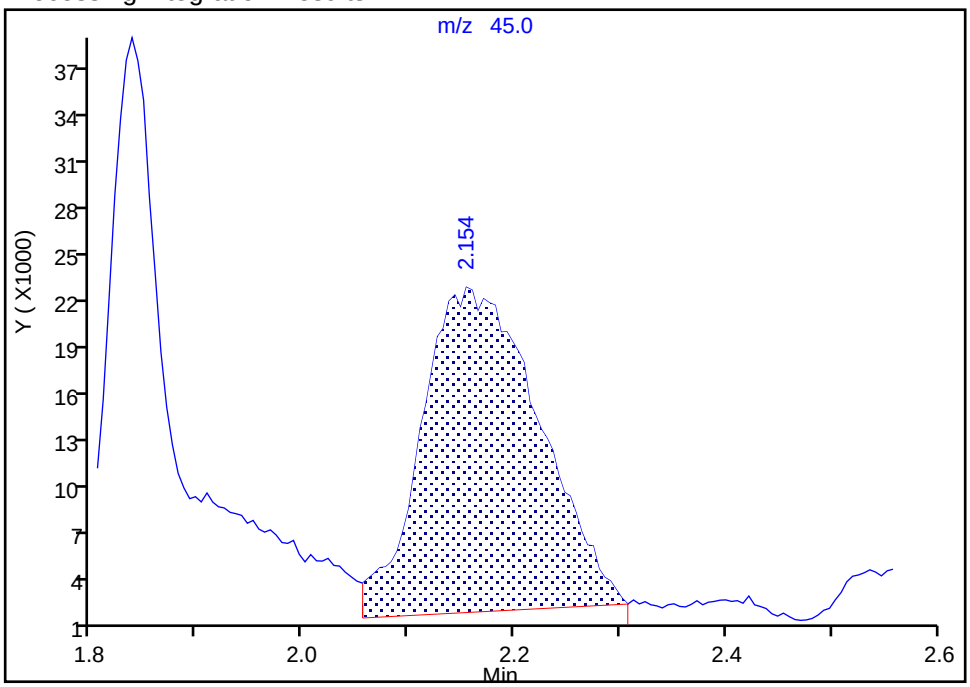
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

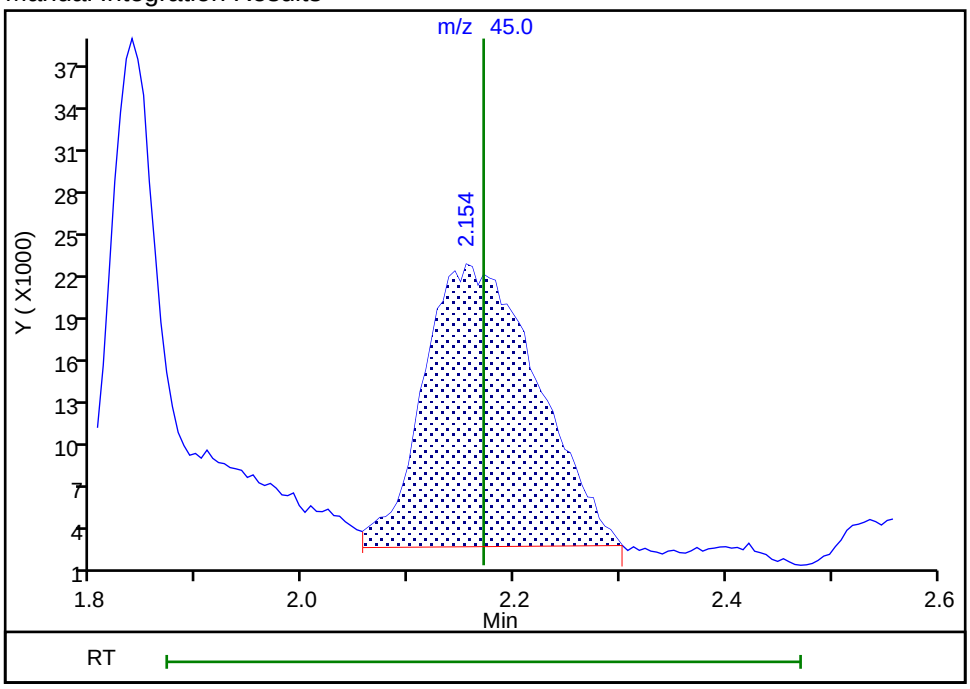
Processing Integration Results

RT: 2.15
Area: 159087
Amount: 323.0640
Amount Units: ug/l



Manual Integration Results

RT: 2.15
Area: 148172
Amount: 313.2868
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:11:42
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

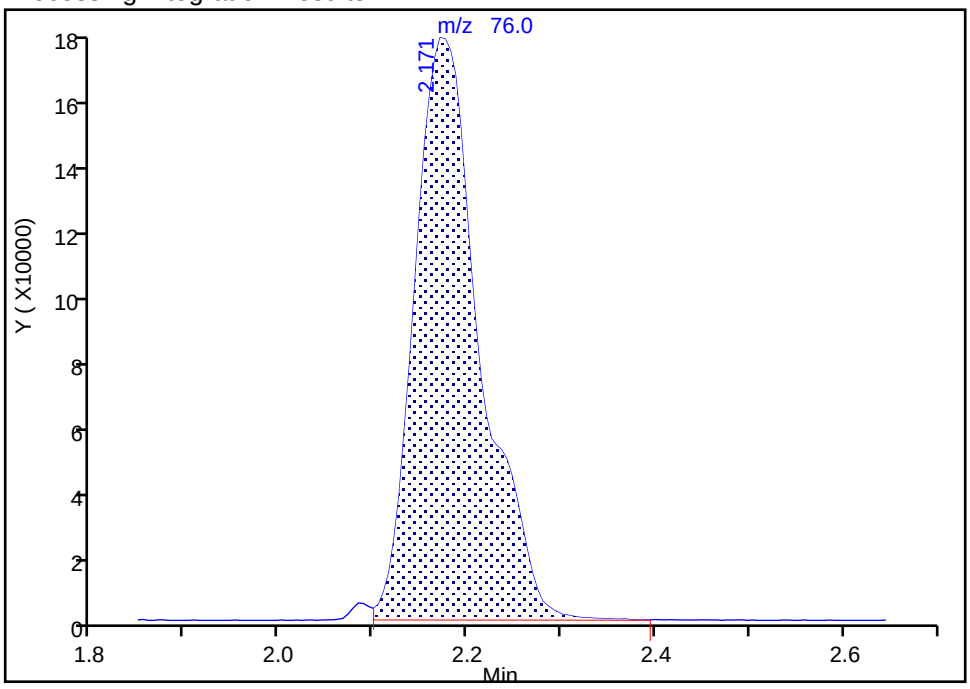
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

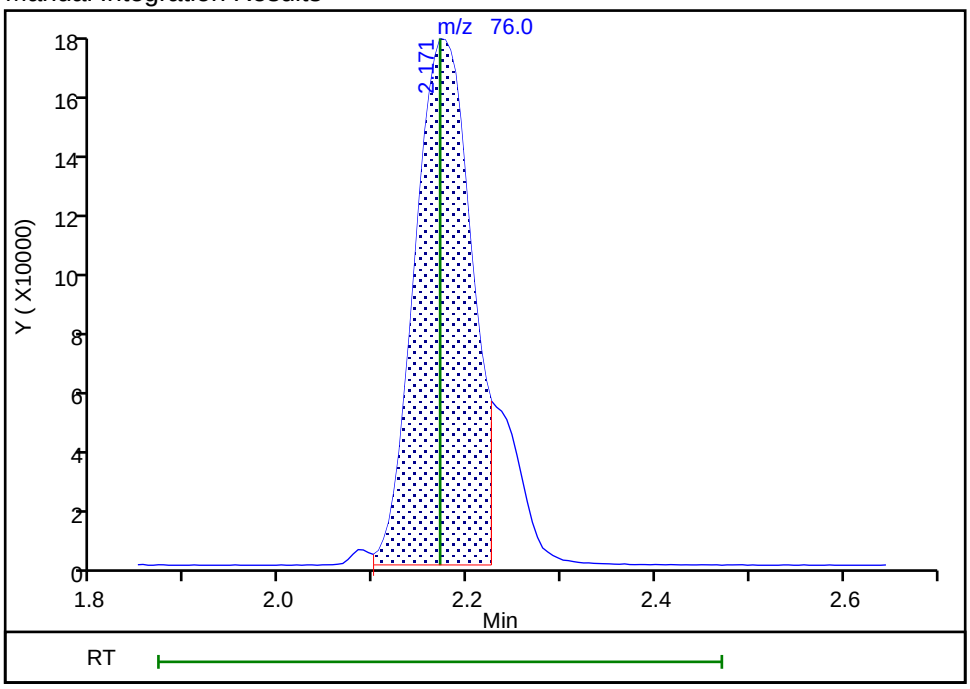
Processing Integration Results

RT: 2.17
Area: 846585
Amount: 53.665437
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 738555
Amount: 52.511622
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:46:25
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

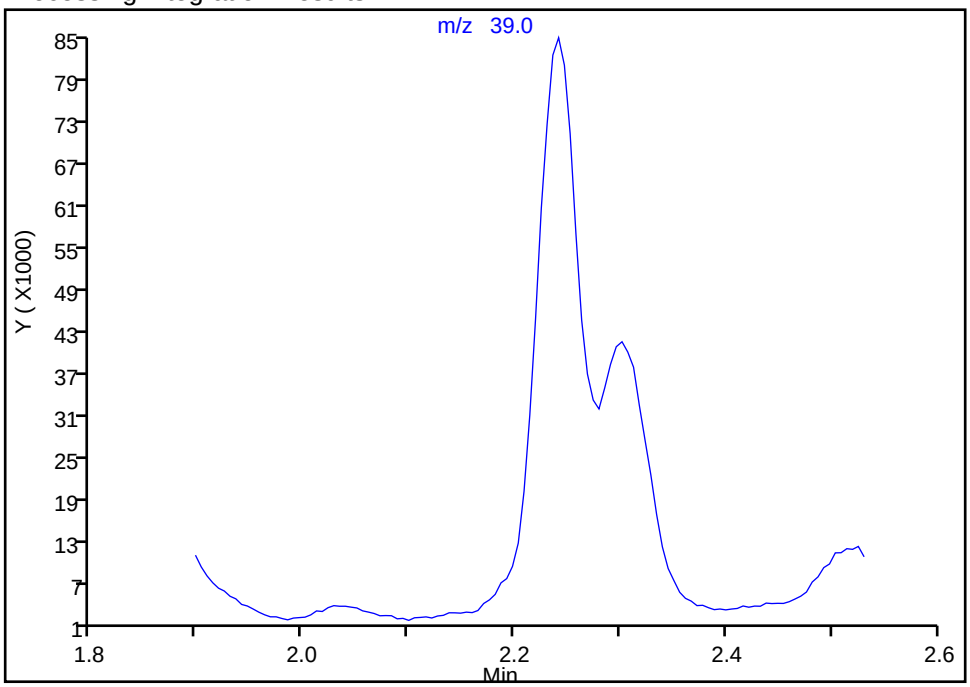
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

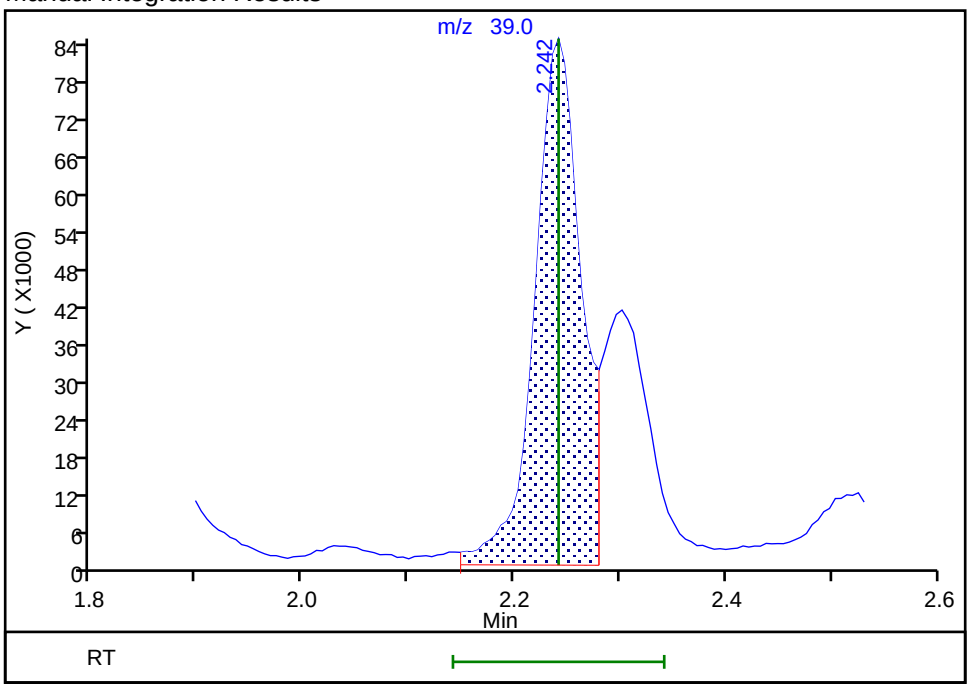
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 260497
Amount: 51.884757
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:48:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

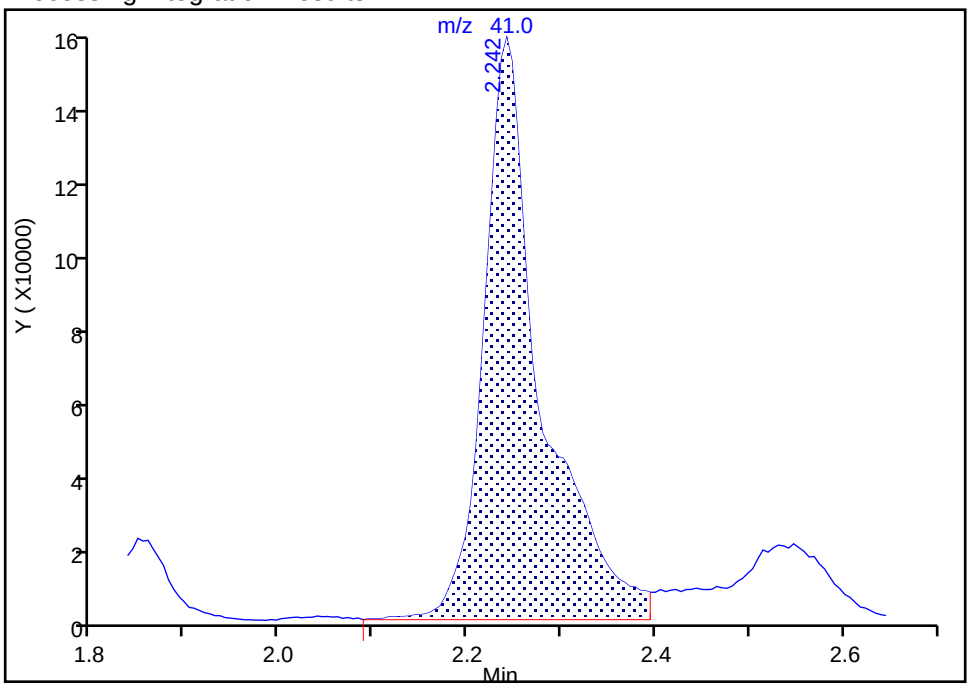
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

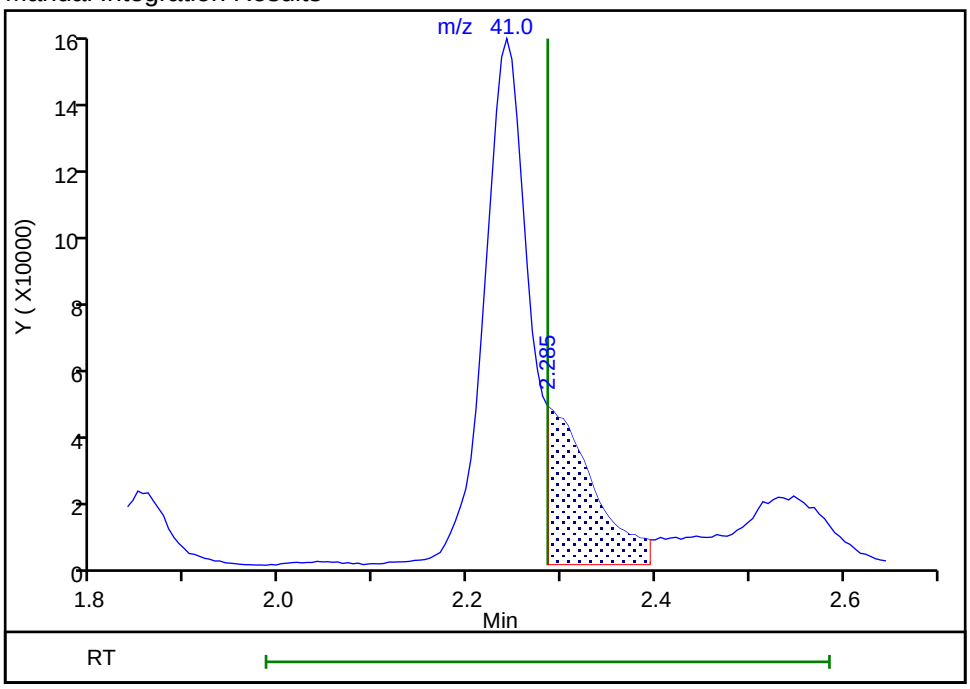
Processing Integration Results

RT: 2.24
Area: 661073
Amount: 364.9335
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 161380
Amount: 421.5839
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:48:42
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

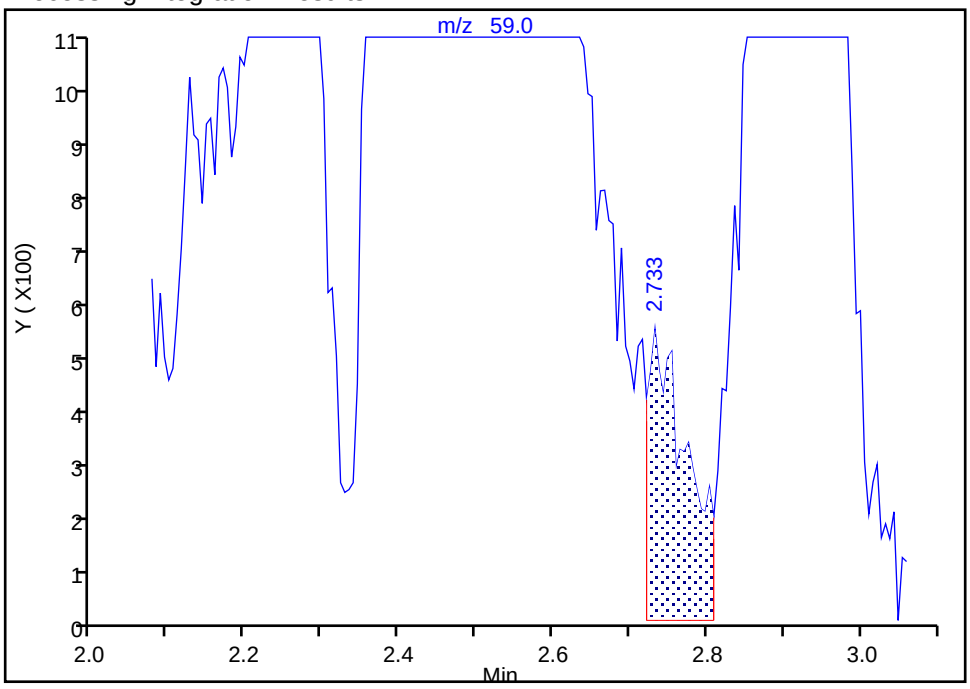
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

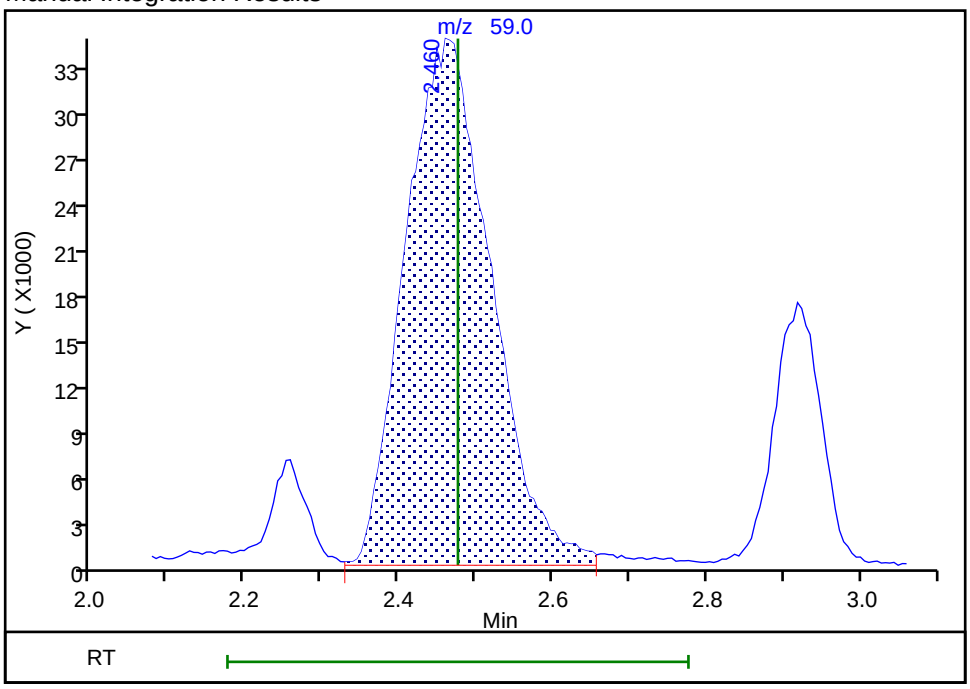
Processing Integration Results

RT: 2.73
Area: 1820
Amount: 5.379544
Amount Units: ug/l



Manual Integration Results

RT: 2.46
Area: 270555
Amount: 419.9623
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:48:49
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

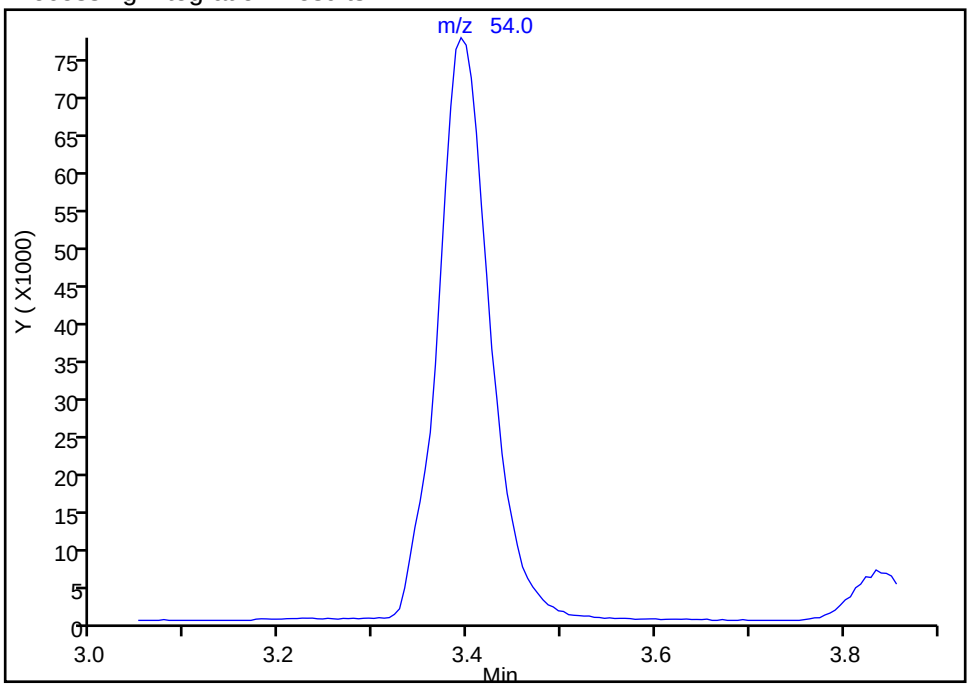
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

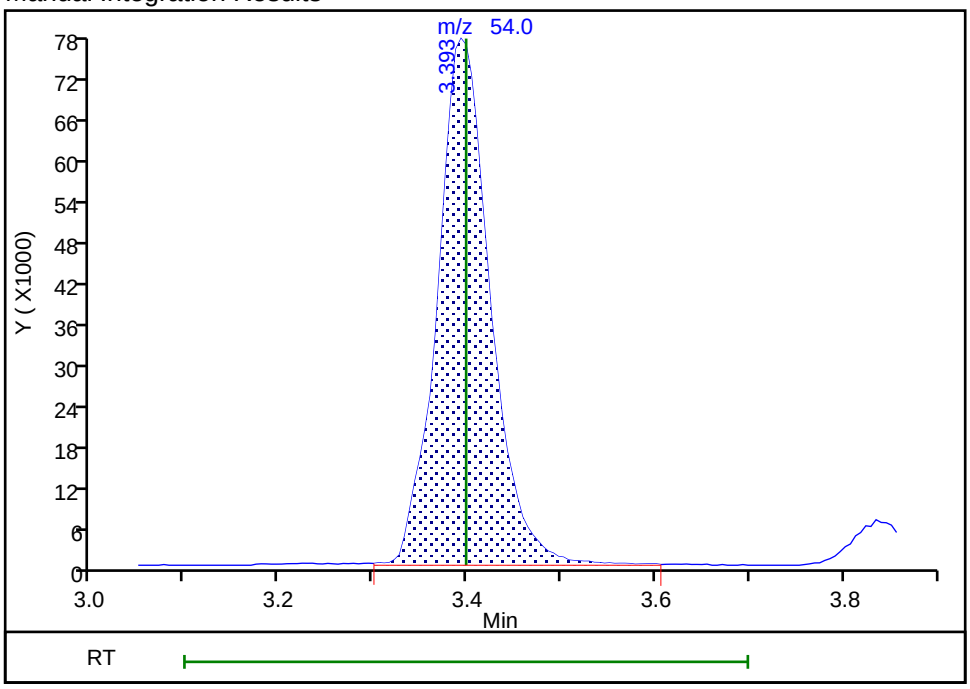
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 303231
Amount: 435.3741
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:03
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

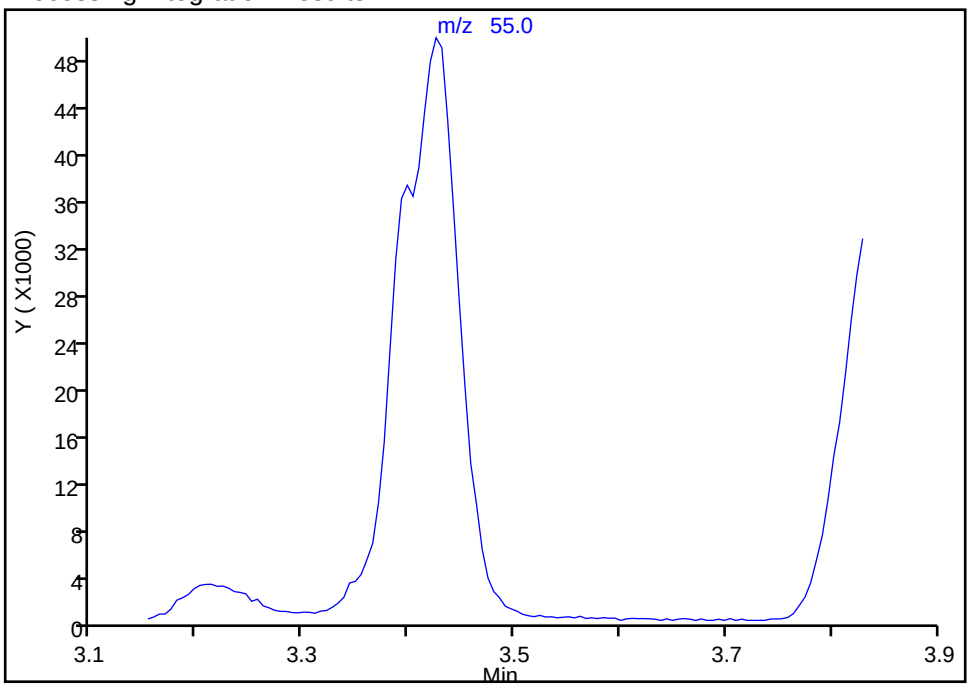
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

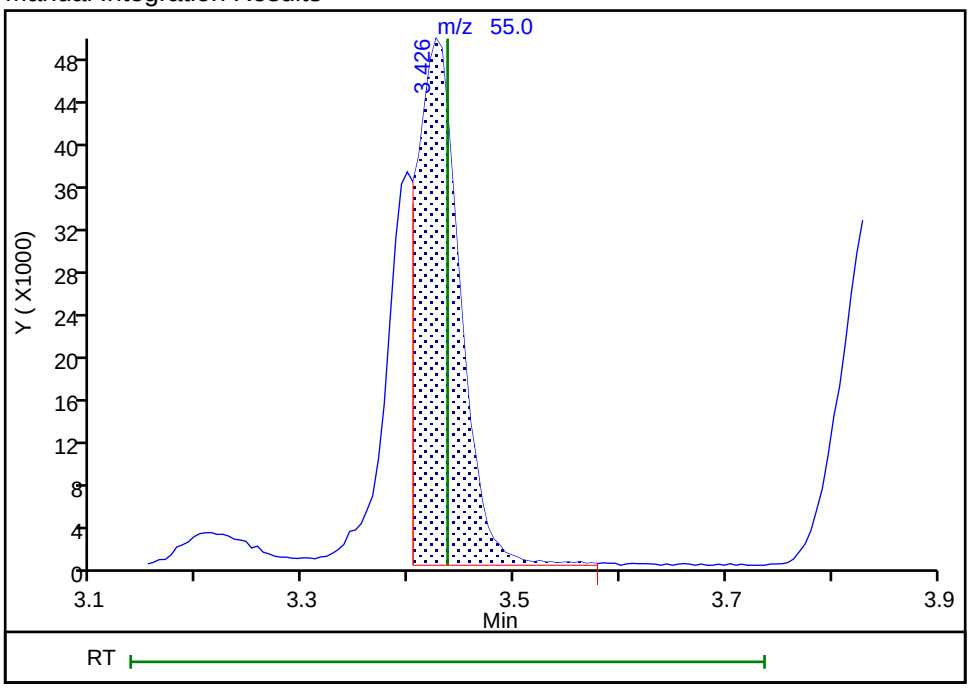
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.43
Area: 142166
Amount: 39.027231
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:16
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

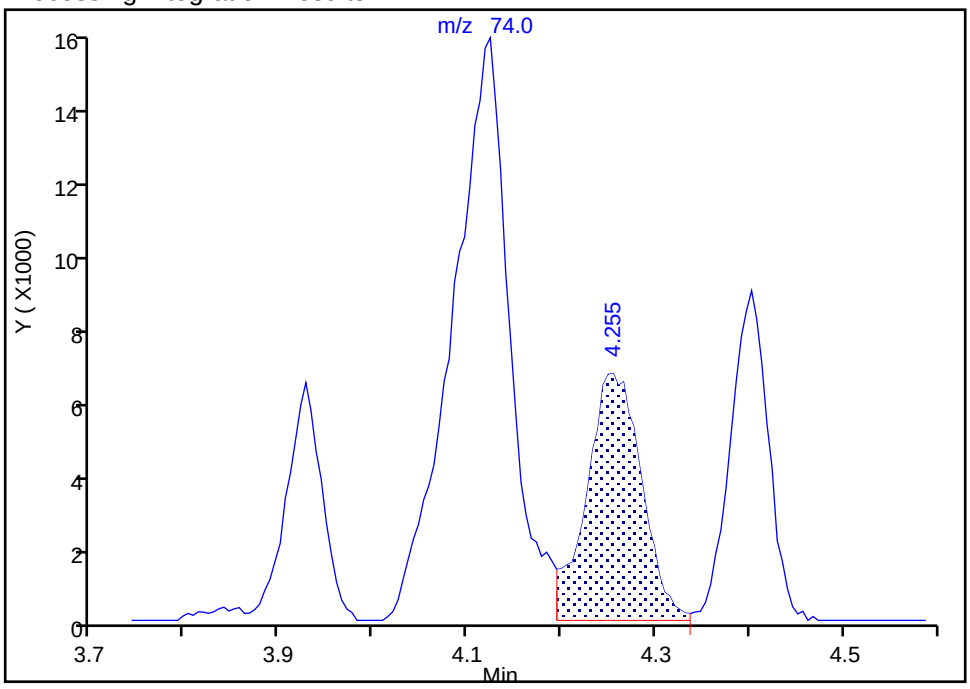
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

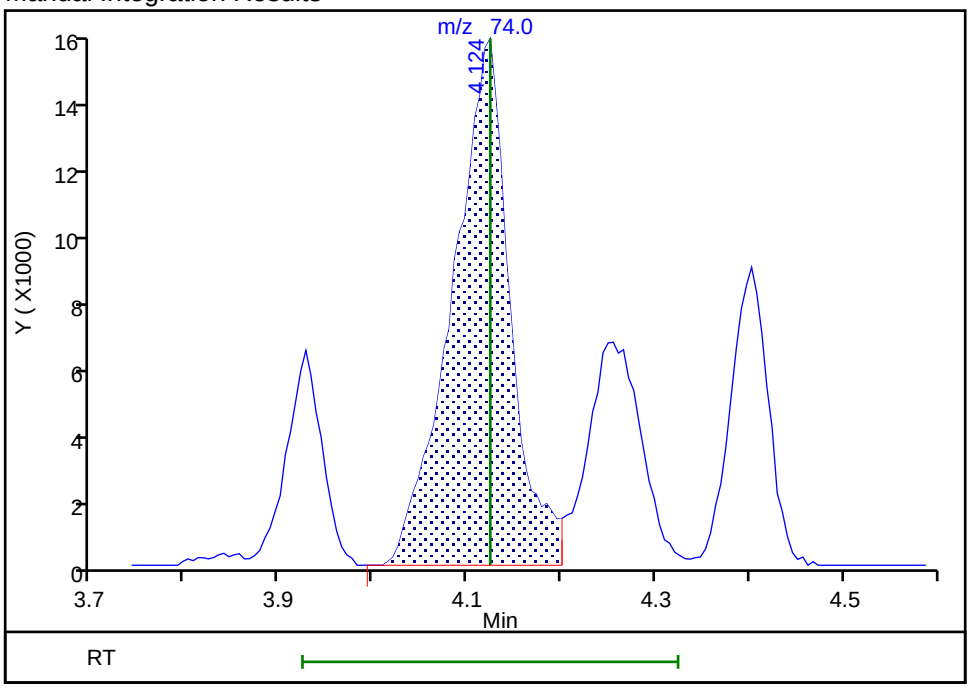
Processing Integration Results

RT: 4.26
Area: 26365
Amount: 645.5335
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 65351
Amount: 856.1395
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:27
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

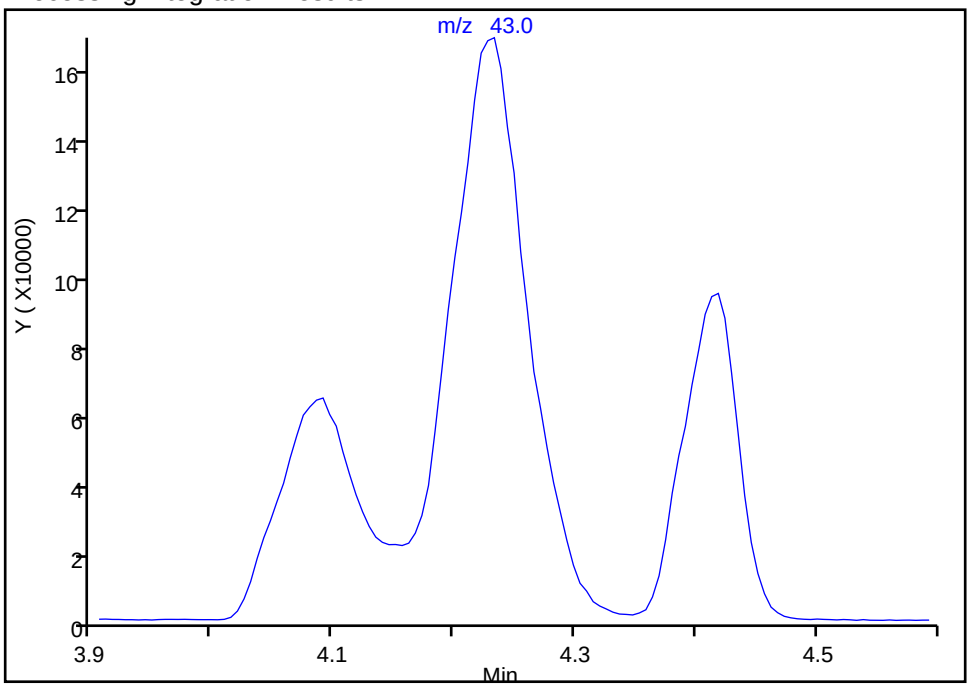
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

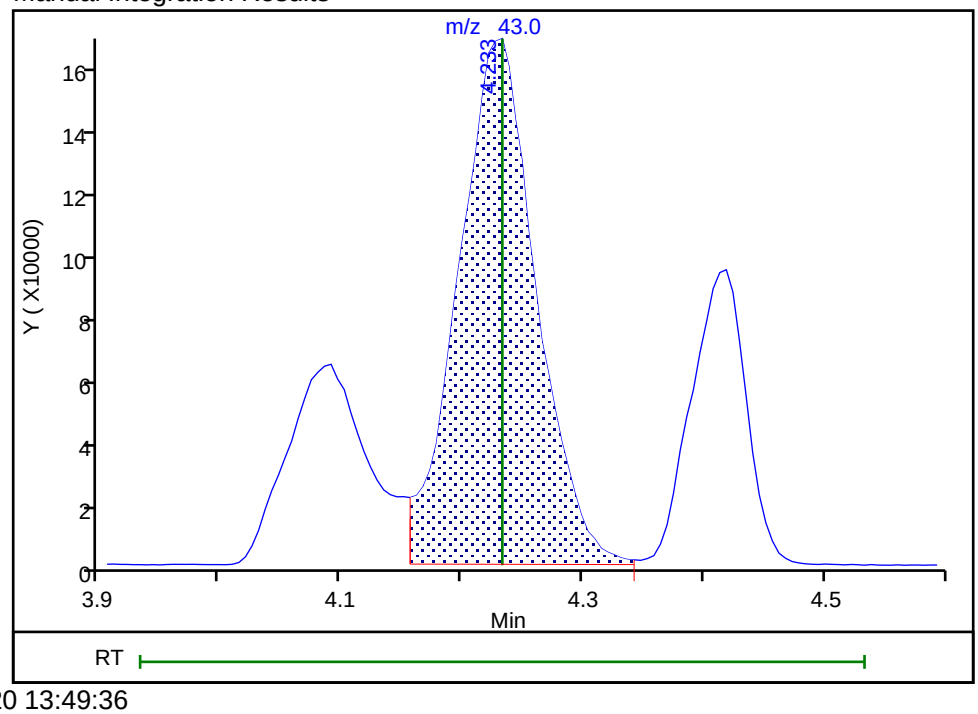
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 718631
Amount: 52.183739
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:36
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

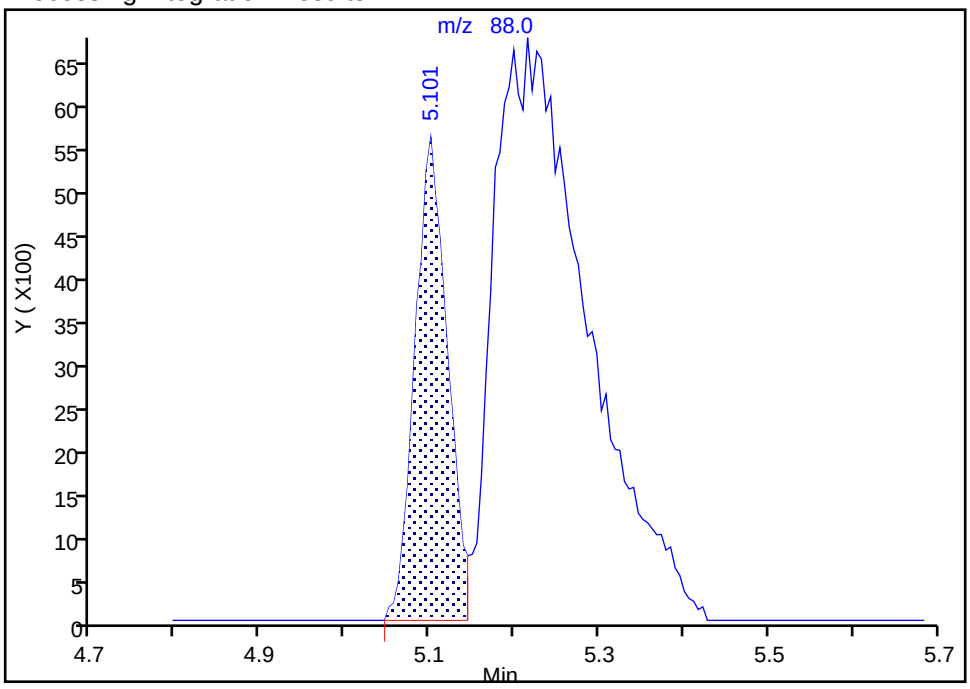
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

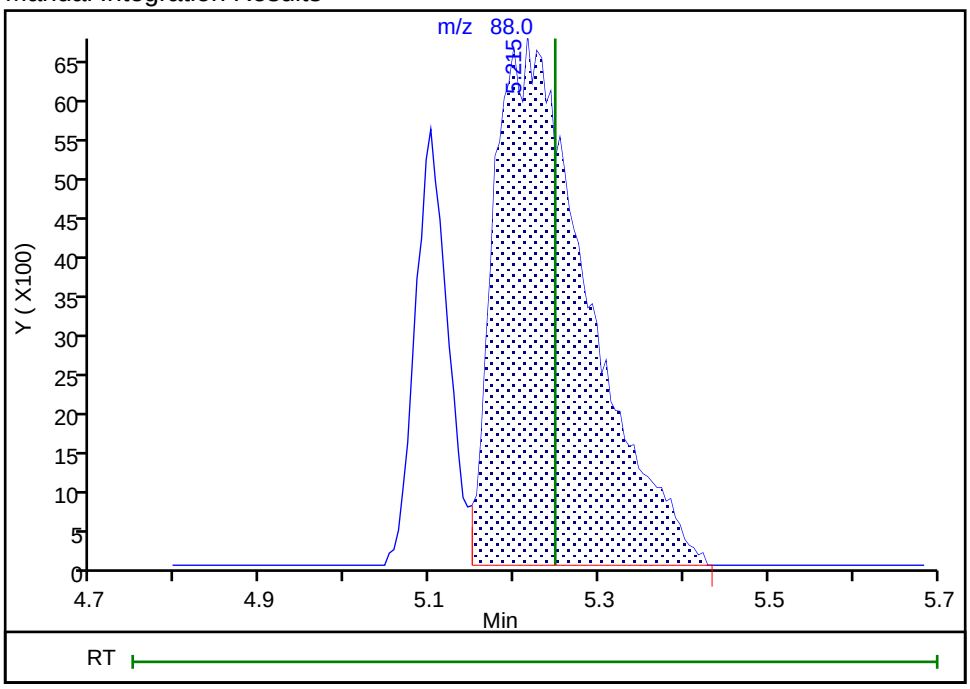
Processing Integration Results

RT: 5.10
Area: 14899
Amount: 383.2939
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 51467
Amount: 998.6724
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:49:45
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

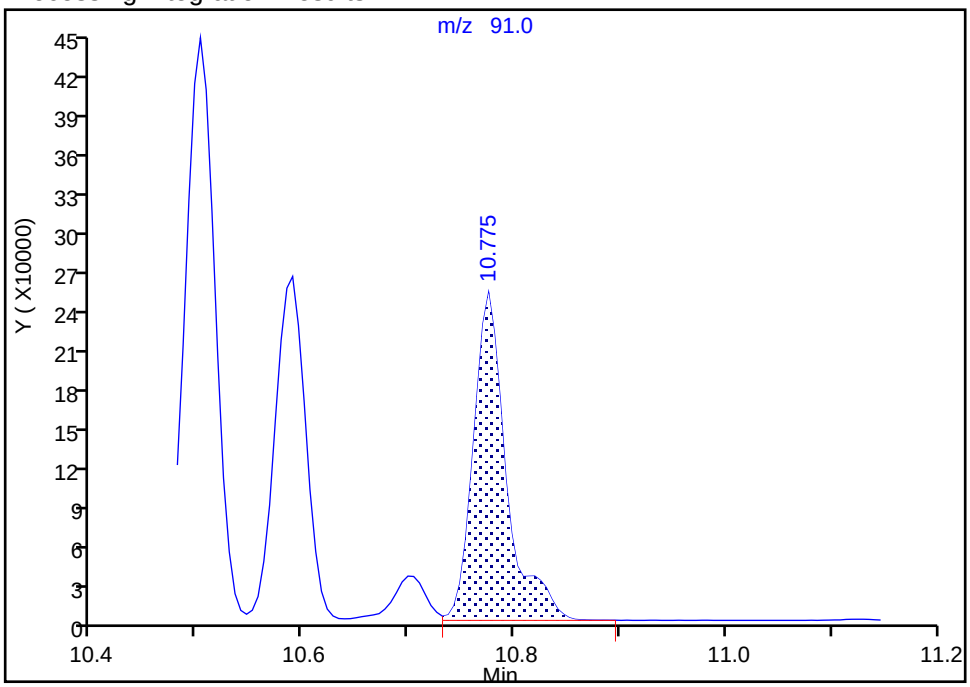
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

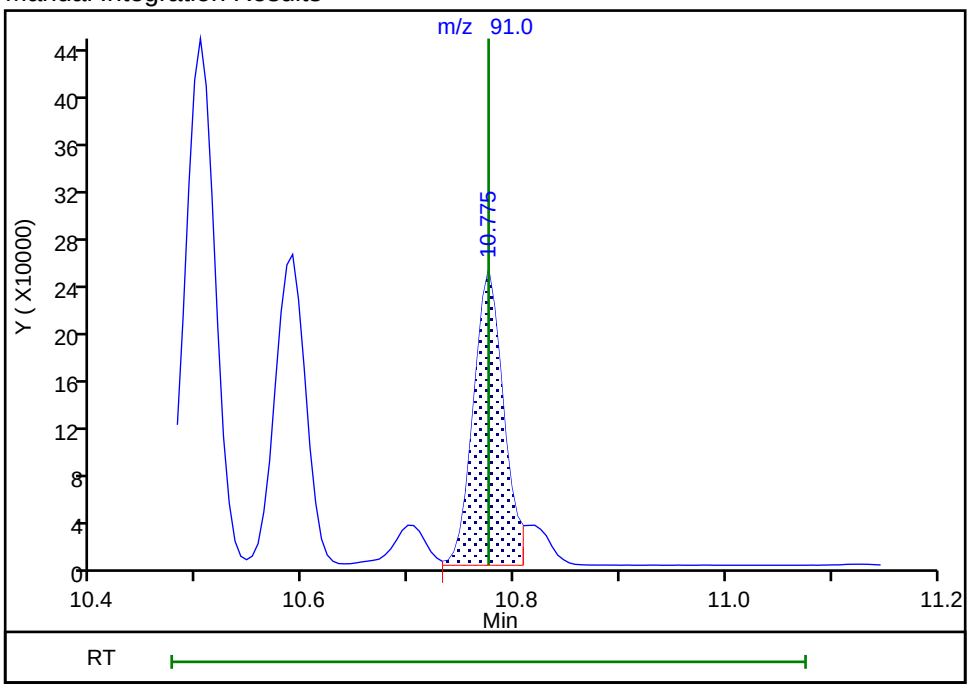
Processing Integration Results

RT: 10.78
Area: 541186
Amount: 53.212914
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 490518
Amount: 50.585802
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:50:03
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

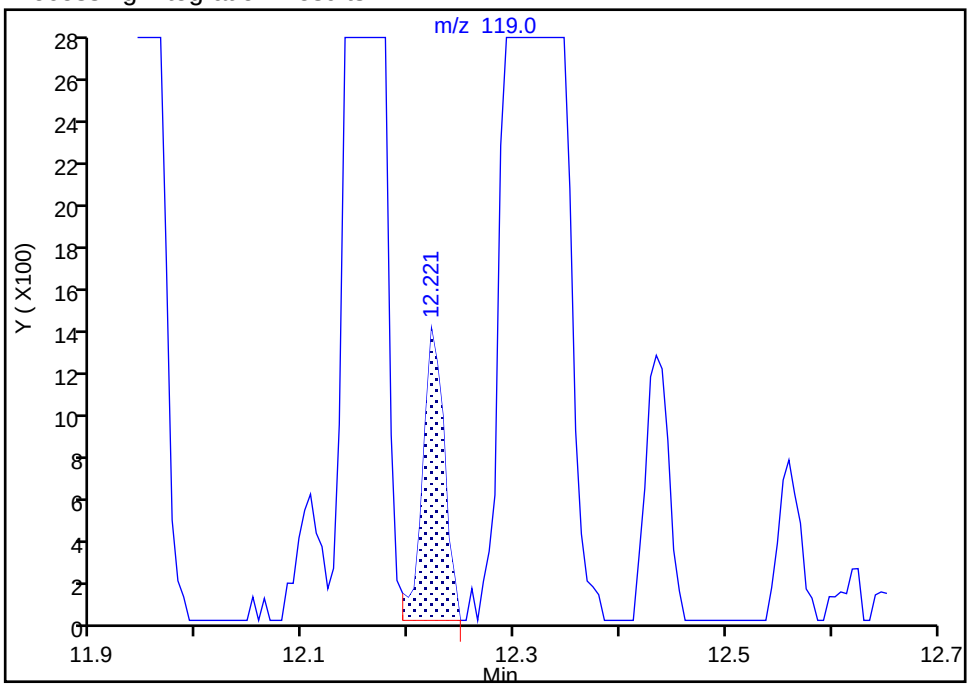
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18453.D
Injection Date: 26-Aug-2020 21:46:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

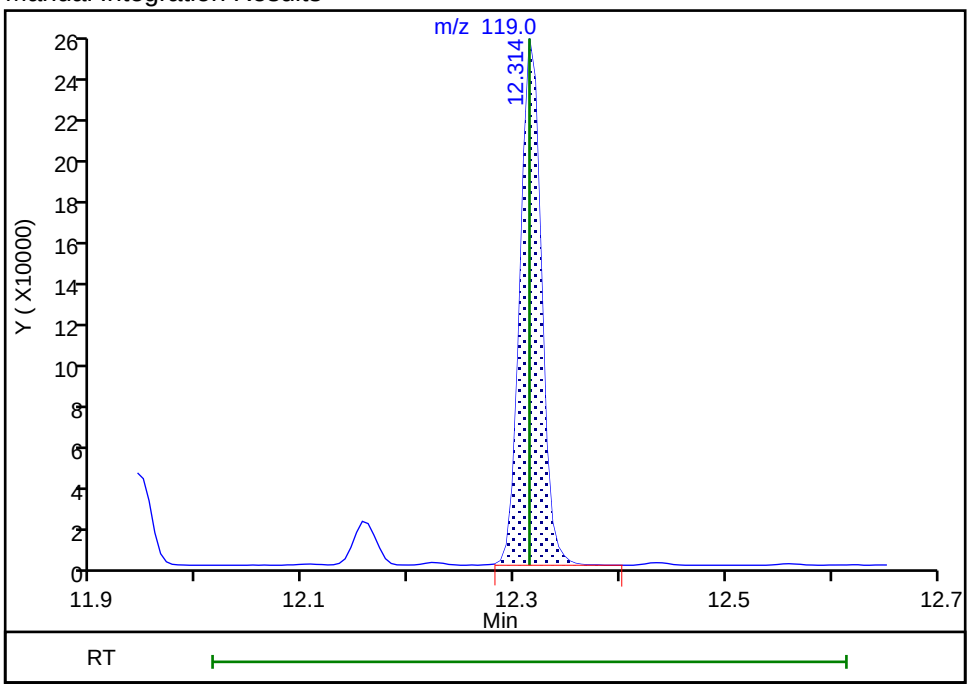
Processing Integration Results

RT: 12.22
Area: 1933
Amount: 0.580715
Amount Units: ug/l



Manual Integration Results

RT: 12.31
Area: 357140
Amount: 53.861433
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:50:18
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-Aug-2020 22:09:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0115799-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:36:07 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:11:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.052	1.036	0.016	68	66310	200.0	177.6	a
3 1,1-Difluoroethane	65	1.090	1.074	0.016	91	455739	200.0	188.4	
2 Chlorotrifluoroethene	116	1.117	1.112	0.005	75	291522	200.0	186.3	
5 Chlorodifluoromethane	67	1.145	1.129	0.016	98	145604	200.0	180.3	
4 Dichlorodifluoromethane	85	1.145	1.134	0.011	98	1229012	200.0	207.7	
6 Chloromethane	50	1.259	1.249	0.010	99	1536106	200.0	184.5	
7 Butadiene	54	1.297	1.281	0.016	96	969621	200.0	187.2	
8 Vinyl chloride	62	1.325	1.309	0.016	99	1061576	200.0	185.1	
9 Bromomethane	94	1.499	1.489	0.010	99	715718	200.0	181.5	
10 Chloroethane	64	1.538	1.521	0.017	99	526236	200.0	178.3	
11 Dichlorofluoromethane	67	1.679	1.669	0.010	99	1315054	200.0	179.6	
13 Pentane	72	1.728	1.712	0.016	96	211035	400.0	485.6	
12 Trichlorofluoromethane	101	1.728	1.718	0.010	97	1062425	200.0	191.9	
15 Ethyl ether	59	1.849	1.838	0.011	97	562947	200.0	188.1	
16 2-Methyl-1,3-butadiene	53	1.870	1.865	0.005	89	627367	200.0	183.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.887	1.871	0.016	93	599990	200.0	197.2	
14 Ethanol	46	1.925	1.903	0.022	67	177824	8000.0	8444.3	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.919	1.914	0.005	95	1055883	200.0	197.2	a
19 Acrolein	56	1.941	1.931	0.010	93	221414	500.0	555.4	
21 1,1-Dichloroethene	96	2.023	2.007	0.016	98	691181	200.0	199.0	
22 Acetone	43	2.045	2.034	0.011	86	1449841	1000.0	1072.6	
20 112TCTFE	101	2.050	2.040	0.010	94	708367	200.0	200.9	
23 Iodomethane	142	2.132	2.116	0.016	98	1441516	200.0	193.3	
24 Isopropyl alcohol	45	2.176	2.171	0.005	95	741681	2000.0	2076.3	
25 Carbon disulfide	76	2.187	2.171	0.016	99	3023137	200.0	195.1	M
26 3-Chloro-1-propene	39	2.252	2.242	0.010	87	1048087	200.0	189.5	a
27 Methyl acetate	43	2.263	2.258	0.005	100	1168952	400.0	493.3	
29 Acetonitrile	41	2.296	2.285	0.011	73	630032	2000.0	2257.0	M
28 Cyclopentene	67	2.318	2.307	0.011	96	1809352	200.0	180.3	
31 Methylene Chloride	84	2.345	2.340	0.005	94	867272	200.0	165.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.405	0.006	94	317946	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.471	2.476	-0.005	92	1008788	2000.0	2147.3	a
35 Acrylonitrile	53	2.514	2.509	0.005	94	2788382	2000.0	1764.6	
34 trans-1,2-Dichloroethene	96	2.541	2.531	0.010	97	753577	200.0	191.5	
33 Methyl tert-butyl ether	73	2.563	2.547	0.016	97	1953303	200.0	185.3	
36 Hexane	43	2.743	2.738	0.005	93	689590	200.0	190.8	
38 1,1-Dichloroethane	63	2.853	2.853	-0.001	99	1489348	200.0	193.5	
39 Vinyl acetate	86	2.896	2.891	0.005	100	281786	400.0	414.6	
37 Isopropyl ether	45	2.929	2.918	0.011	85	2562232	200.0	181.9	
40 2-Chloro-1,3-butadiene	88	2.929	2.924	0.005	92	709618	200.0	196.8	
41 Tert-butyl ethyl ether	59	3.229	3.213	0.016	88	2353163	200.0	187.3	
* 42 2-Butanone-d5	46	3.300	3.295	0.005	91	317709	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.333	3.327	0.006	96	897601	200.0	191.4	
43 2,2-Dichloropropane	79	3.354	3.338	0.016	97	351893	200.0	182.3	
46 2-Butanone (MEK)	72	3.354	3.349	0.005	99	485209	1000.0	1026.9	
45 Ethyl acetate	70	3.409	3.366	0.043	99	163341	400.0	399.3	
48 Propionitrile	54	3.404	3.398	0.006	97	1150983	2000.0	2266.2	a
47 Methyl acrylate	55	3.436	3.437	-0.001	99	831846	200.0	205.0	a
51 Methacrylonitrile	67	3.535	3.524	0.011	94	2973845	2000.0	1888.3	
50 Chlorobromomethane	128	3.540	3.535	0.005	88	427124	200.0	190.2	
49 Tetrahydrofuran	72	3.595	3.595	0.000	82	201683	400.0	384.8	
52 Chloroform	83	3.616	3.611	0.005	99	1368352	200.0	187.0	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	187532	50.0	47.1	
54 1,1,1-Trichloroethane	97	3.796	3.786	0.010	99	1144397	200.0	195.2	
53 Cyclohexane	84	3.851	3.840	0.011	92	1195530	200.0	202.8	
57 1,1-Dichloropropene	75	3.933	3.928	0.005	97	1071337	200.0	198.1	
56 Carbon tetrachloride	117	3.949	3.944	0.005	99	1009185	200.0	202.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.064	0.005	0	199153	50.0	48.6	
58 Isobutyl alcohol	74	4.129	4.124	0.005	96	284373	5000.0	5175.9	a
60 Benzene	78	4.129	4.130	-0.001	96	3223401	200.0	194.9	
64 1,2-Dichloroethane	62	4.146	4.140	0.006	97	1013823	200.0	195.2	
59 Isooctane	57	4.233	4.217	0.016	96	2998917	200.0	195.6	
62 Isopropyl acetate	43	4.238	4.233	0.005	95	2803236	200.0	184.8	a
63 Tert-amyl methyl ether	87	4.260	4.255	0.005	91	632956	200.0	187.8	
* 66 Fluorobenzene	96	4.408	4.408	0.000	99	584634	50.0	50.0	
65 n-Heptane	57	4.418	4.413	0.005	94	664250	200.0	90.2	
68 n-Butanol	56	4.784	4.757	0.027	89	680892	5000.0	5127.6	
69 Trichloroethene	95	4.795	4.790	0.005	99	796332	200.0	213.1	
70 Ethyl acrylate	56	4.937	4.921	0.016	98	109533	200.0	189.8	
71 Methylcyclohexane	83	5.013	5.008	0.005	97	1437912	200.0	206.7	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	92	818492	200.0	203.7	
77 Dibromomethane	93	5.161	5.161	0.000	97	477012	200.0	203.2	
* 73 1,4-Dioxane-d8	96	5.161	5.166	-0.005	29	39164	1000.0	1000.0	
74 Methyl methacrylate	69	5.199	5.183	0.016	91	861858	400.0	407.0	
75 1,4-Dioxane	88	5.221	5.248	-0.027	85	202376	4000.0	3676.3	
76 n-Propyl acetate	43	5.281	5.264	0.017	99	894650	200.0	183.4	
78 Dichlorobromomethane	83	5.357	5.352	0.005	100	1035063	200.0	210.9	
79 2-Nitropropane	41	5.624	5.614	0.010	98	333600	400.0	401.0	
67 2-Chloroethyl vinyl ether	63	5.733	5.723	0.010	94	151660	200.5	222.6	
80 Epichlorohydrin	57	5.793	5.777	0.016	100	1418391	4000.0	4260.4	
81 cis-1,3-Dichloropropene	75	5.892	5.881	0.011	93	1186521	200.0	219.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.116	0.005	97	3632948	1000.0	986.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.219	0.006	99	647105	50.0	49.7	
84 Toluene	91	6.306	6.301	0.005	94	2962373	200.0	202.9	
85 trans-1,3-Dichloropropene	75	6.612	6.607	0.005	98	943814	200.0	214.1	
86 Ethyl methacrylate	69	6.787	6.781	0.006	90	816892	200.0	201.6	
87 1,1,2-Trichloroethane	83	6.852	6.841	0.011	96	494713	200.0	205.8	
88 Tetrachloroethene	166	7.027	7.021	0.006	98	723785	200.0	214.1	
89 1,3-Dichloropropane	76	7.070	7.060	0.010	95	953315	200.0	208.5	
90 2-Hexanone	43	7.234	7.234	0.000	96	2112669	1000.0	996.1	
92 Chlorodibromomethane	129	7.370	7.365	0.005	98	694471	200.0	212.1	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	915063	200.0	174.6	
93 Ethylene Dibromide	107	7.501	7.496	0.005	98	571743	200.0	208.2	
* 94 Chlorobenzene-d5	117	8.194	8.195	-0.001	86	411968	50.0	50.0	
95 Chlorobenzene	112	8.238	8.233	0.005	96	1817552	200.0	206.0	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.380	0.005	96	809205	200.0	202.7	
96 Ethylbenzene	106	8.440	8.435	0.005	98	990583	200.0	203.0	
98 m-Xylene & p-Xylene	106	8.625	8.620	0.005	0	1217264	200.0	199.1	
100 o-Xylene	106	9.226	9.220	0.006	93	1303260	200.0	199.8	
101 Styrene	104	9.247	9.248	-0.001	95	1886226	200.0	199.4	
99 n-Butyl acrylate	73	9.286	9.286	0.000	97	444855	200.0	175.1	
103 Bromoform	173	9.487	9.488	-0.001	98	456225	200.0	205.1	
102 Amyl acetate (mixed isomers)	43	9.678	9.679	-0.001	90	1025215	200.0	183.4	
104 Isopropylbenzene	105	9.837	9.831	0.006	96	3397561	200.0	202.7	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	92	183310	50.0	47.1	
106 Bromobenzene	156	10.240	10.235	0.005	97	765562	200.0	219.0	
107 1,1,2,2-Tetrachloroethane	83	10.344	10.339	0.005	99	835486	200.0	209.0	
109 1,2,3-Trichloropropane	110	10.371	10.372	-0.001	99	200838	200.0	205.8	
110 trans-1,4-Dichloro-2-butene	53	10.442	10.437	0.005	93	172430	200.0	196.3	
108 N-Propylbenzene	91	10.508	10.503	0.005	99	3740368	200.0	217.8	
111 2-Chlorotoluene	91	10.595	10.590	0.005	97	2273457	200.0	216.0	
112 4-Ethyltoluene	105	10.704	10.699	0.005	99	2718912	200.0	201.9	
114 4-Chlorotoluene	91	10.781	10.775	0.006	96	2143148	200.0	212.2	M
113 1,3,5-Trimethylbenzene	105	10.824	10.819	0.005	93	2895477	200.0	223.3	
115 Butyl Methacrylate	87	11.086	11.081	0.005	91	852512	200.0	207.3	
116 tert-Butylbenzene	119	11.326	11.321	0.005	94	2477043	200.0	202.7	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	2849441	200.0	214.8	
118 sec-Butylbenzene	105	11.643	11.637	0.006	99	3709950	200.0	228.1	
120 1,3-Dichlorobenzene	146	11.730	11.725	0.005	96	1351226	200.0	207.6	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	95	203307	50.0	50.0	
119 4-Isopropyltoluene	119	11.856	11.850	0.006	98	3075104	200.0	224.0	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	93	1314686	200.0	203.5	
123 1,2,3-Trimethylbenzene	105	11.948	11.943	0.005	99	2794585	NC	NC	
124 Benzyl chloride	91	12.041	12.036	0.005	99	1113789	200.0	195.9	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	2500977	200.0	197.9	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	97	1457174	200.0	205.6	
126 p-Diethylbenzene	119	12.319	12.314	0.005	92	1350479	200.0	195.6	a
127 n-Butylbenzene	92	12.341	12.341	0.000	99	1483141	200.0	208.1	
130 1,2-Dibromo-3-Chloropropane	157	13.110	13.122	-0.012	95	189777	200.0	203.6	
129 1,2,4,5-Tetramethylbenzene	119	13.116	13.127	-0.011	97	2766841	200.0	197.8	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	98	1124542	200.0	186.9	
132 1,2,4-Trichlorobenzene	180	13.869	13.896	-0.027	94	1195031	200.0	193.4	
133 Hexachlorobutadiene	225	14.038	14.071	-0.033	97	687028	200.0	221.7	
134 Naphthalene	128	14.071	14.104	-0.033	99	2998801	200.0	200.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.278	14.317	-0.039	96	1298946	200.0	195.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	382.9	
S 137 Xylenes, Total	100				0		400.0	399.0	
S 139 Total BTEX	1				0		1000.0	999.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MIX 2 Hi_00102	Amount Added:	2.00	Units: uL		
Ethanol mix_00043	Amount Added:	2.00	Units: uL		
MIX I Hi_00129	Amount Added:	2.00	Units: uL		
ACROLEIN W_00111	Amount Added:	5.00	Units: uL		
8FreonHi_00022	Amount Added:	2.00	Units: uL		
GAS Hi_00369	Amount Added:	2.00	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:36:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D

Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9 Operator ID:

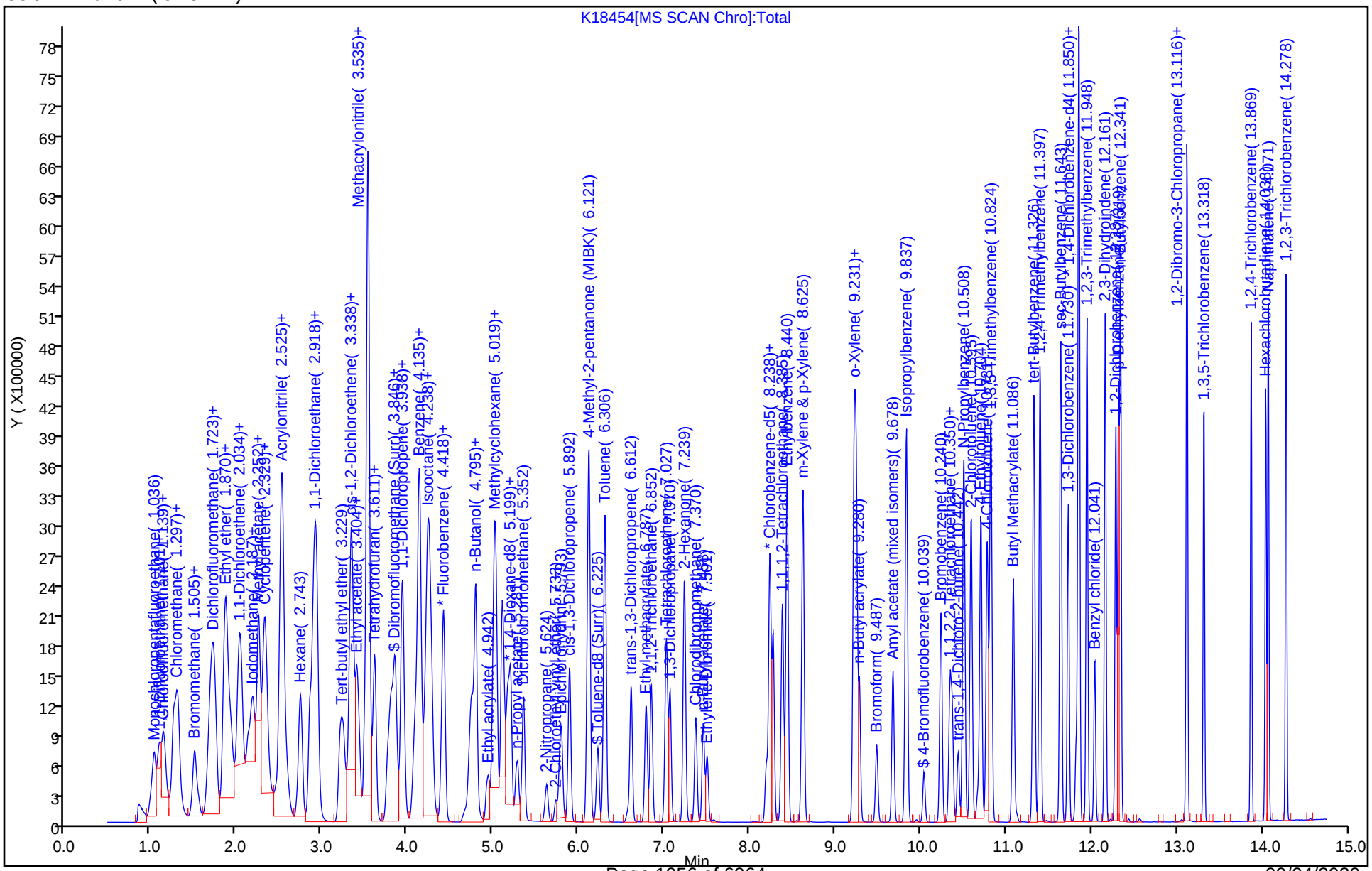
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

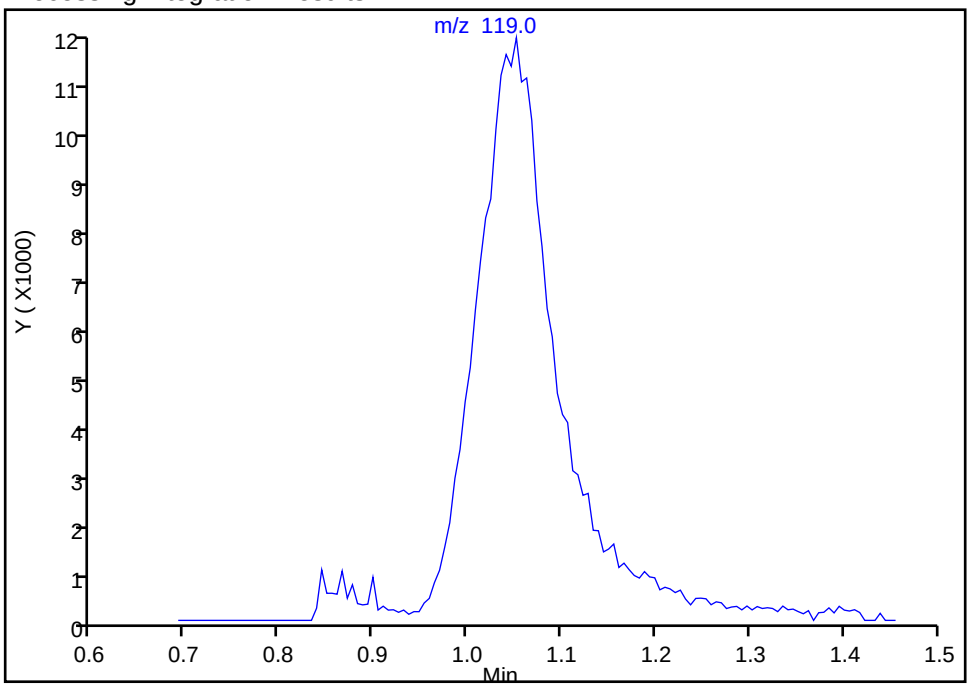
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

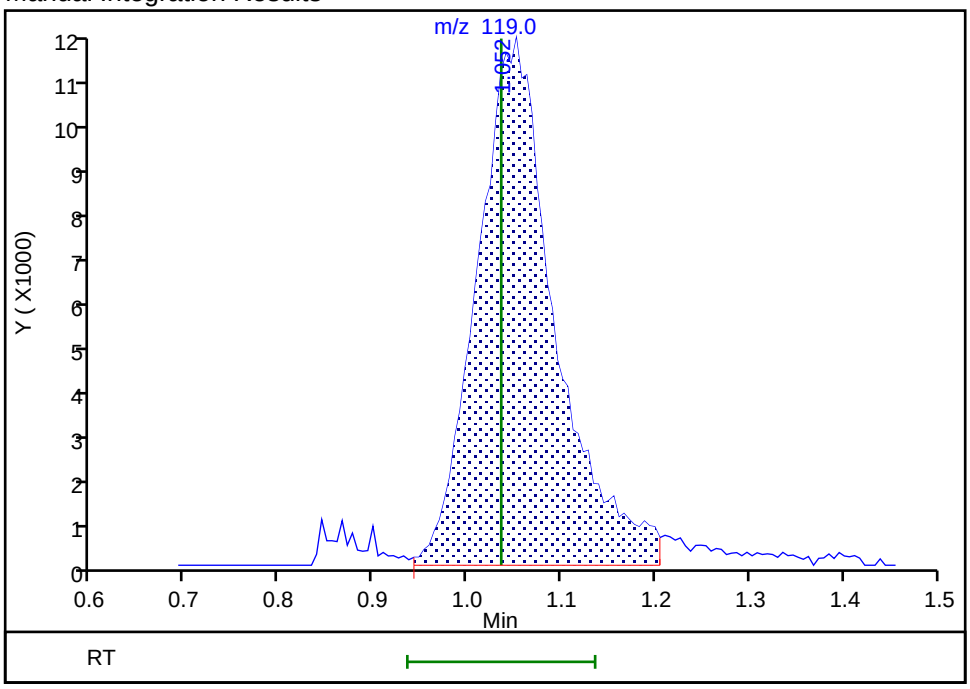
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.05
Area: 66310
Amount: 177.5990
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

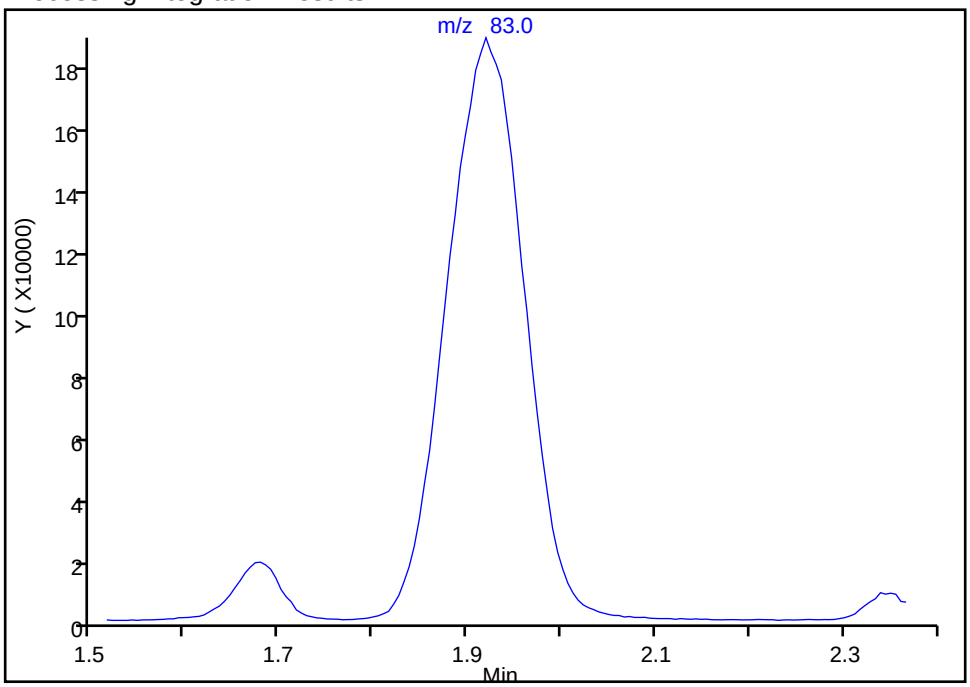
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

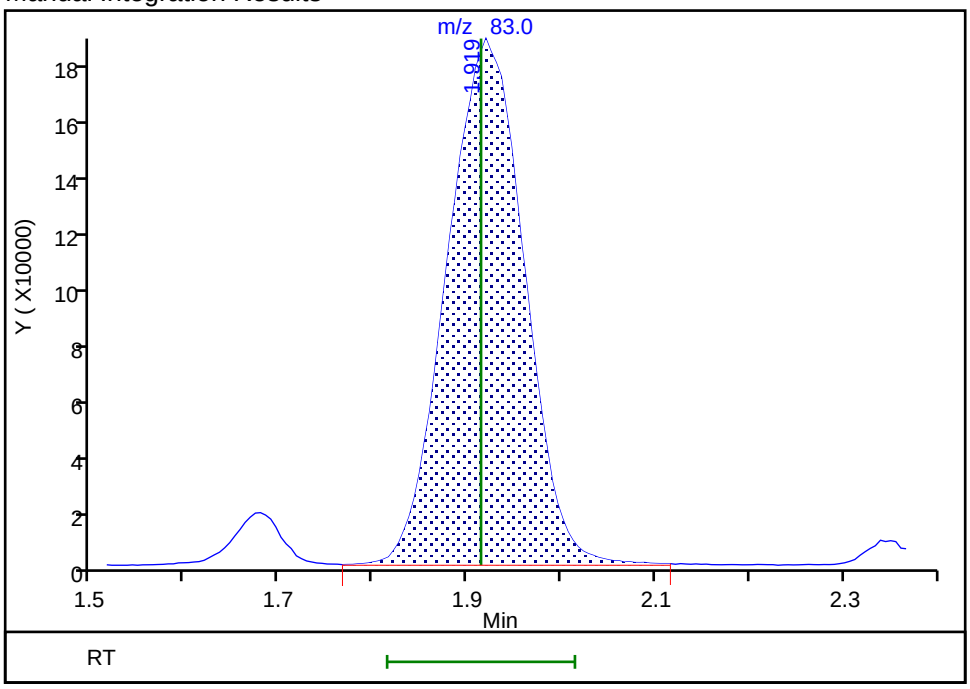
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 1055883
Amount: 197.2349
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

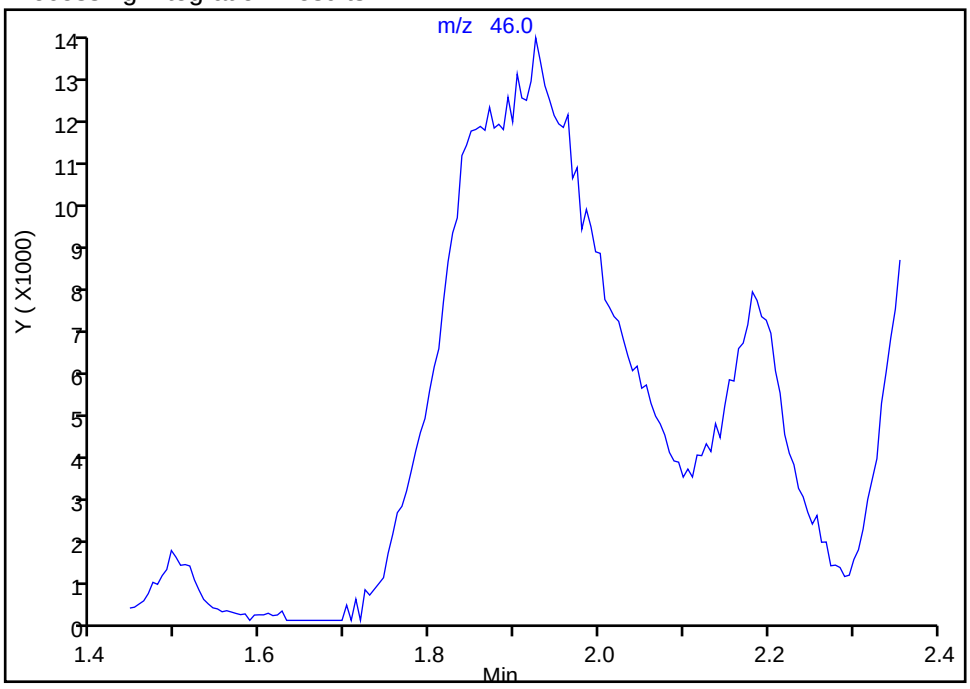
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

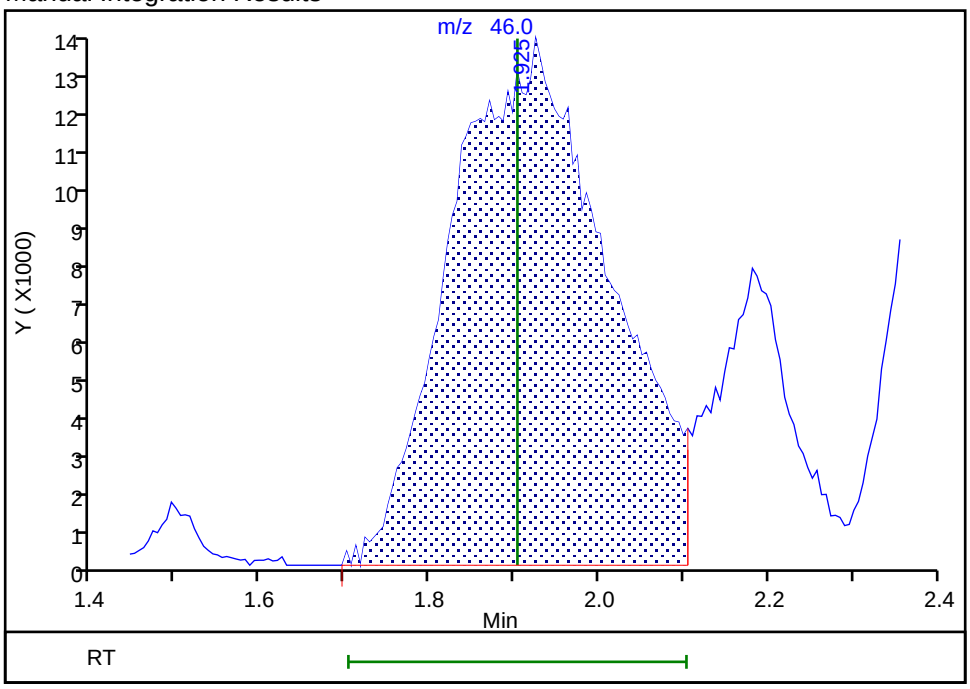
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 177824
Amount: 8444.3074
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

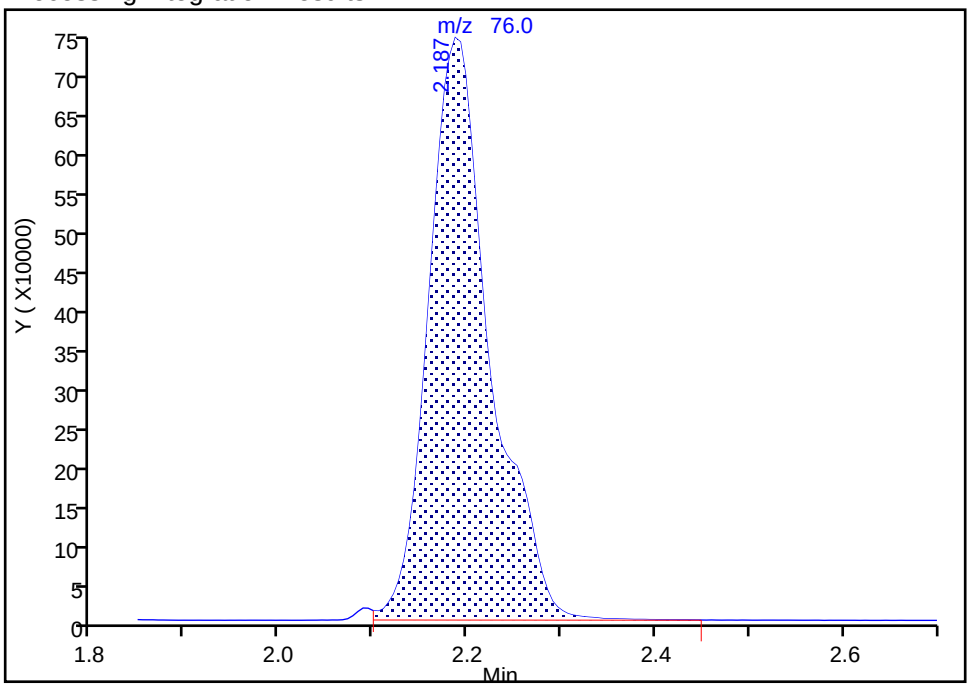
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

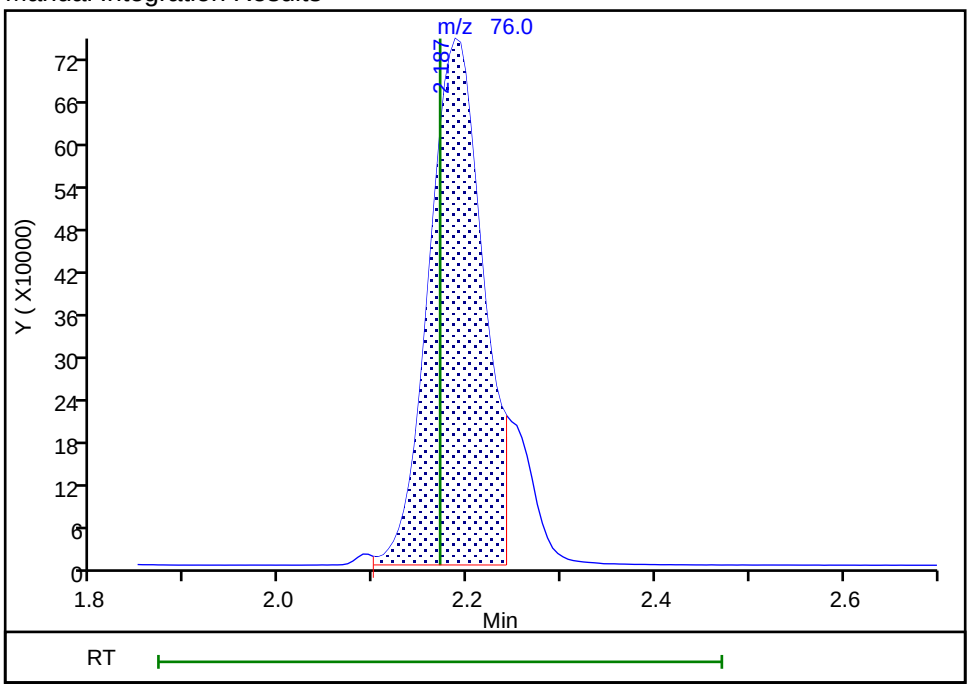
Processing Integration Results

RT: 2.19
Area: 3399097
Amount: 210.9281
Amount Units: ug/l



Manual Integration Results

RT: 2.19
Area: 3023137
Amount: 195.1366
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:42
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

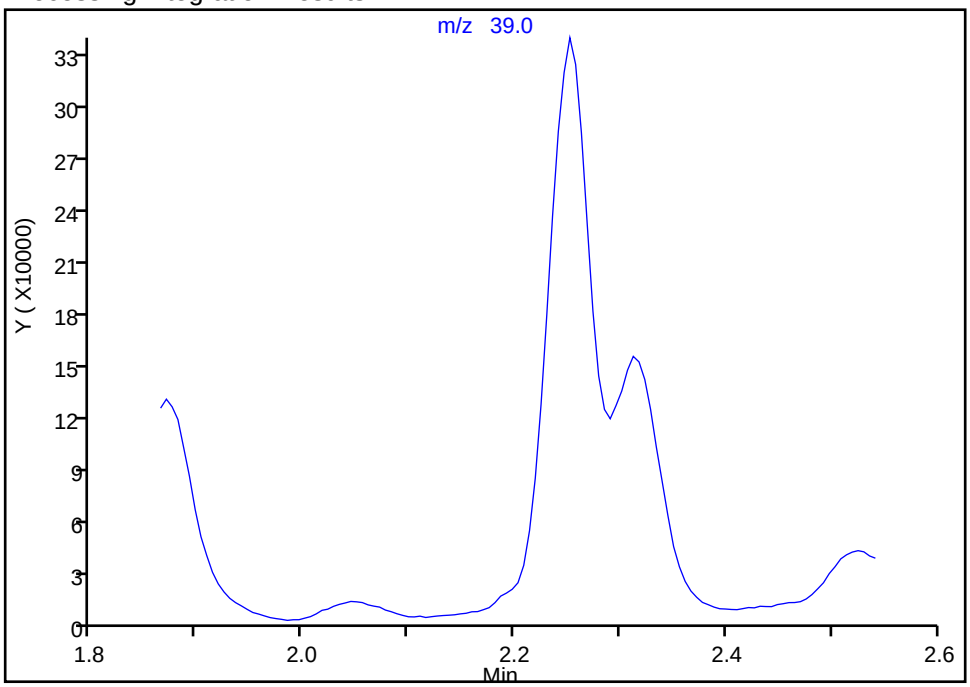
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

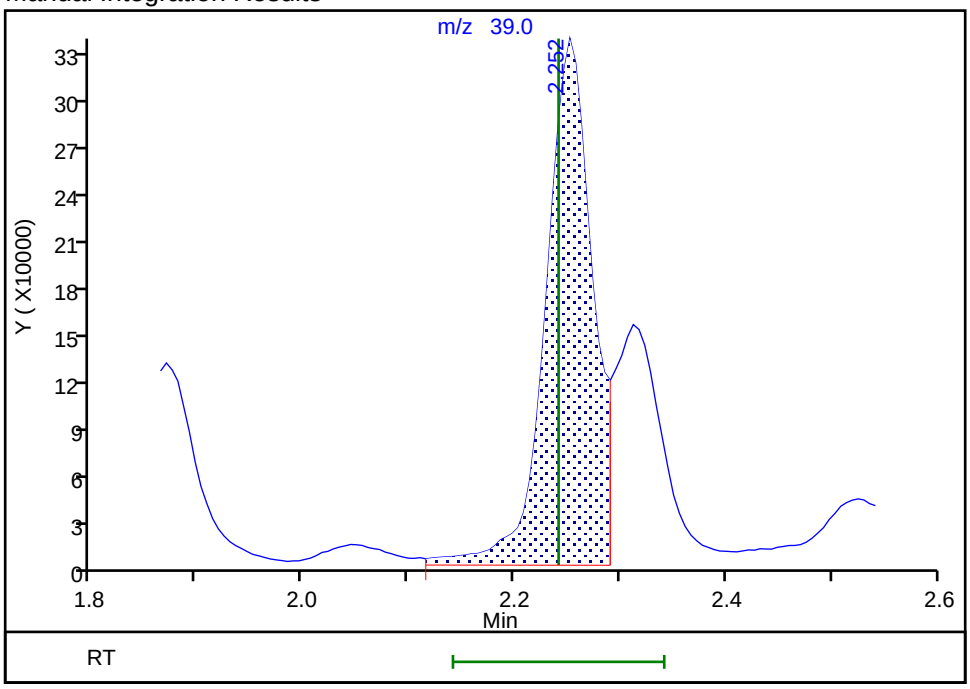
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 1048087
Amount: 189.5146
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:49
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

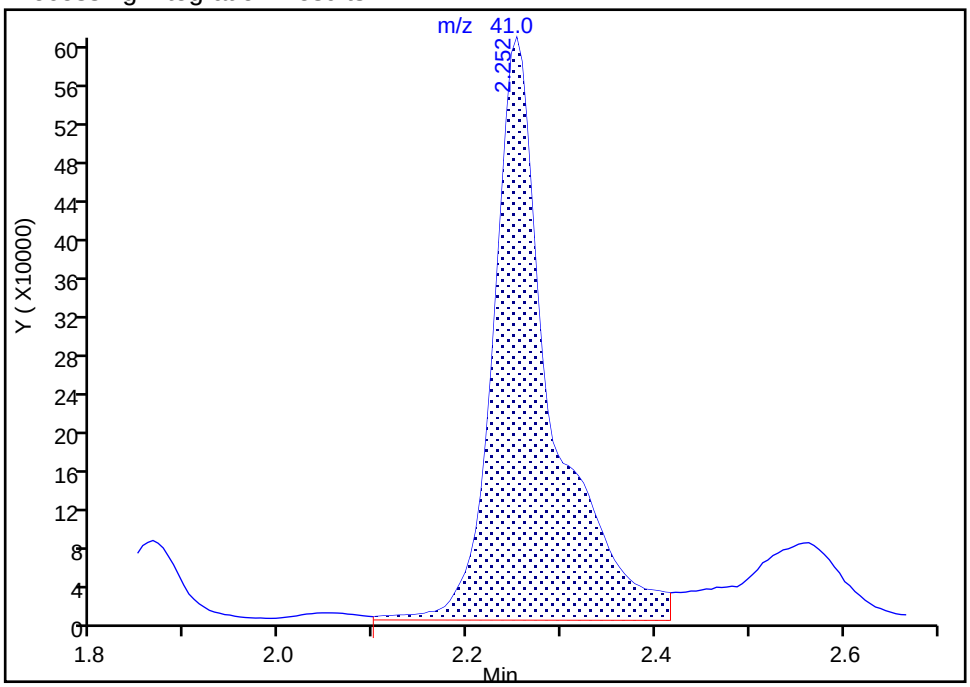
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

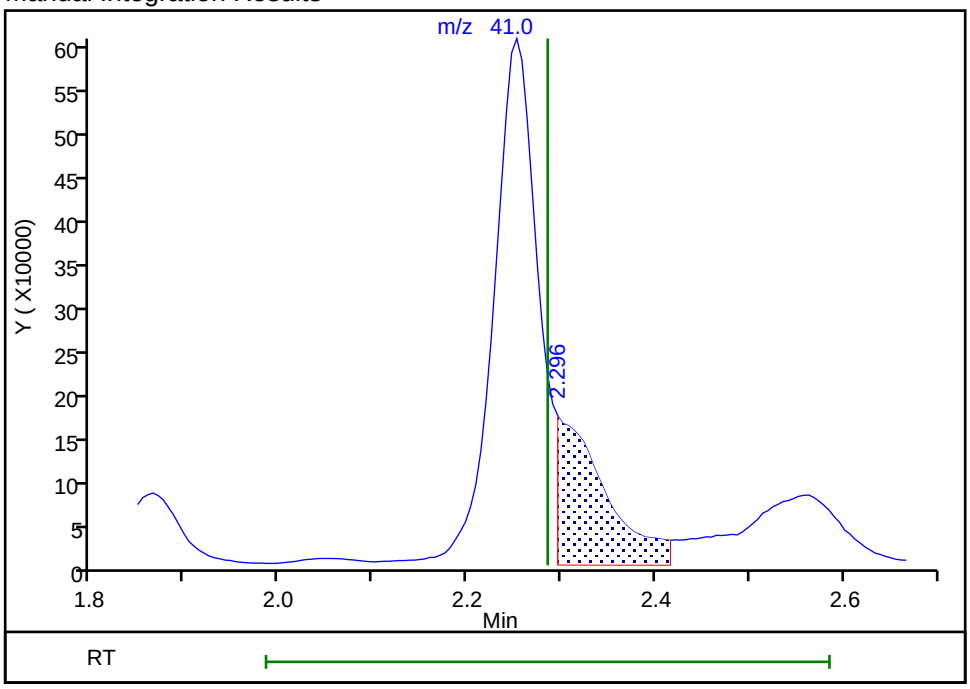
Processing Integration Results

RT: 2.25
Area: 2613083
Amount: 2114.9312
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 630032
Amount: 2257.0127
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:51:58
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

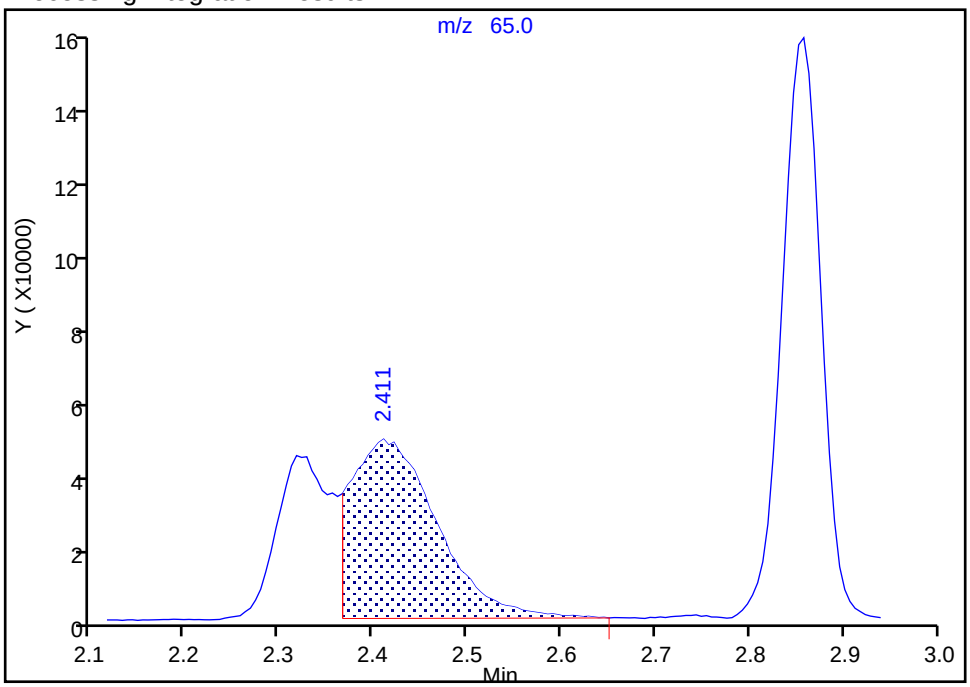
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

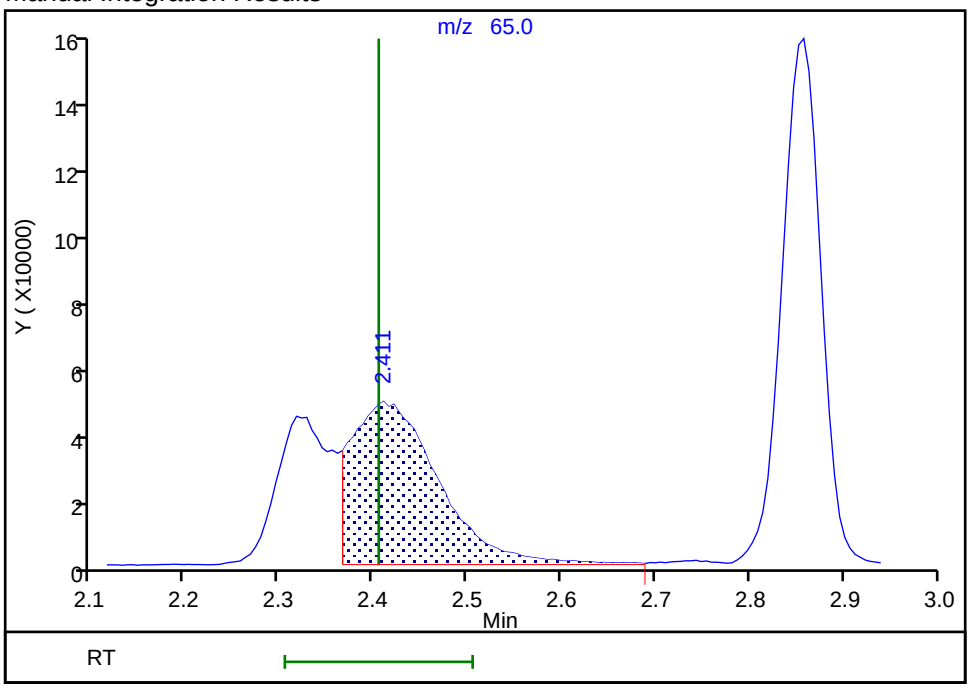
Processing Integration Results

RT: 2.41
Area: 310334
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 317946
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 14:16:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

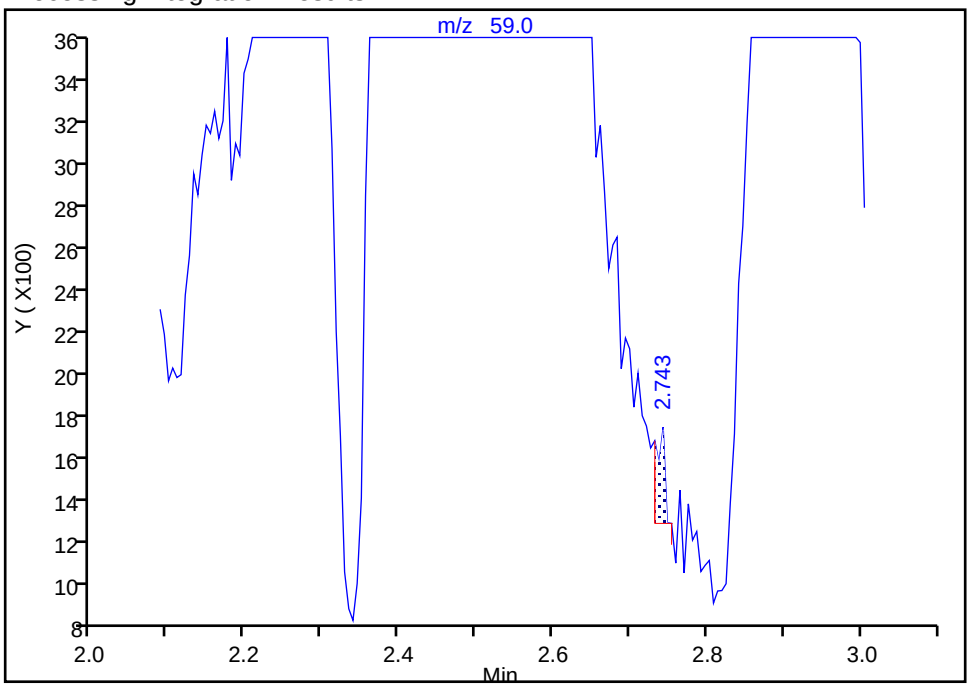
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

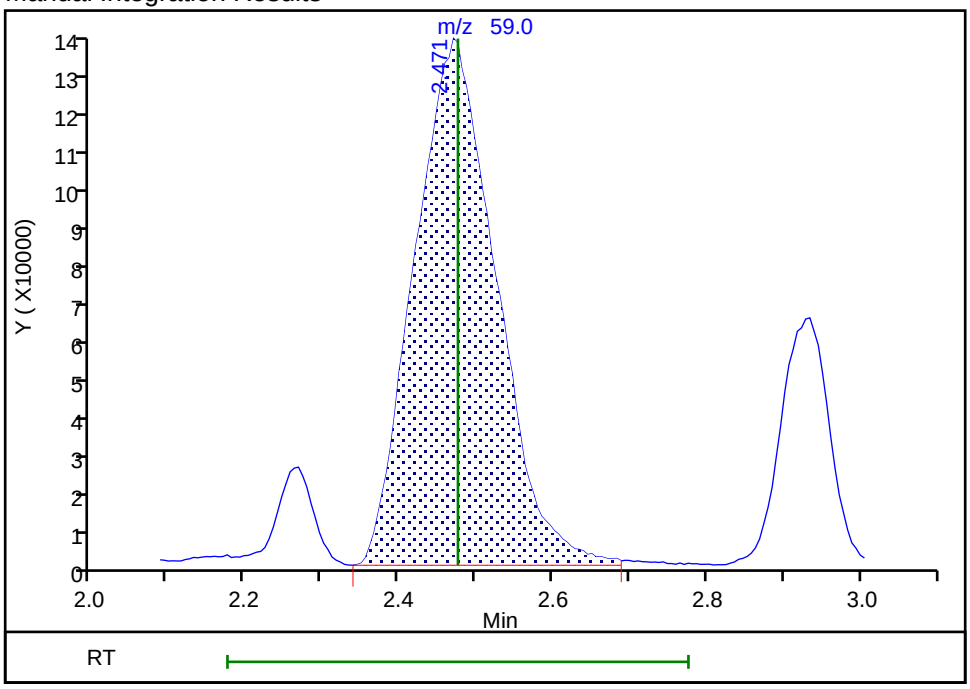
Processing Integration Results

RT: 2.74
Area: 359
Amount: 1.178735
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 1008788
Amount: 2147.2952
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:04
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

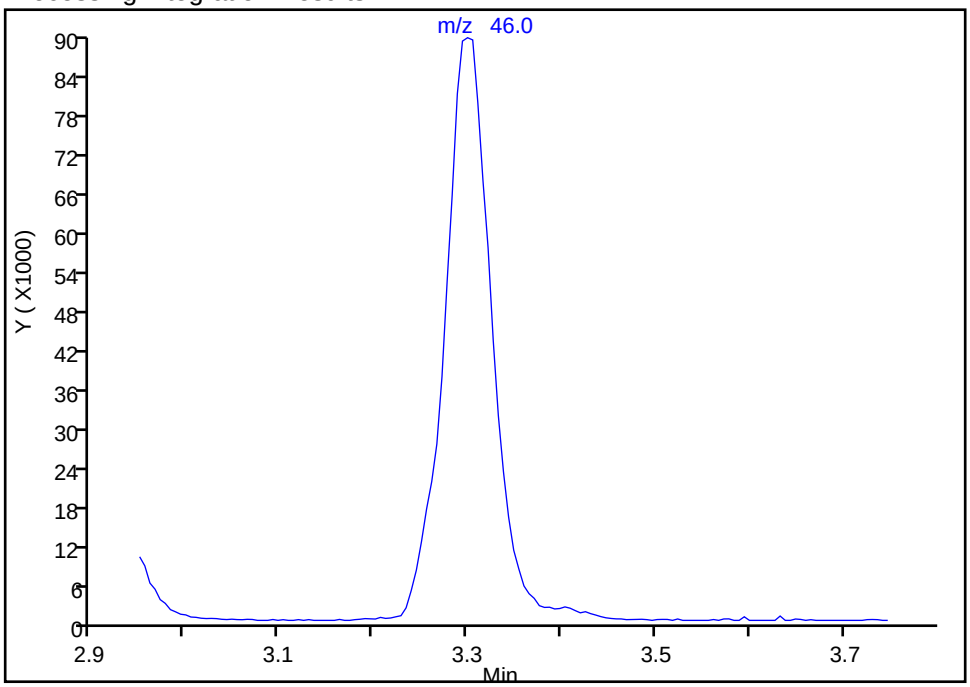
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

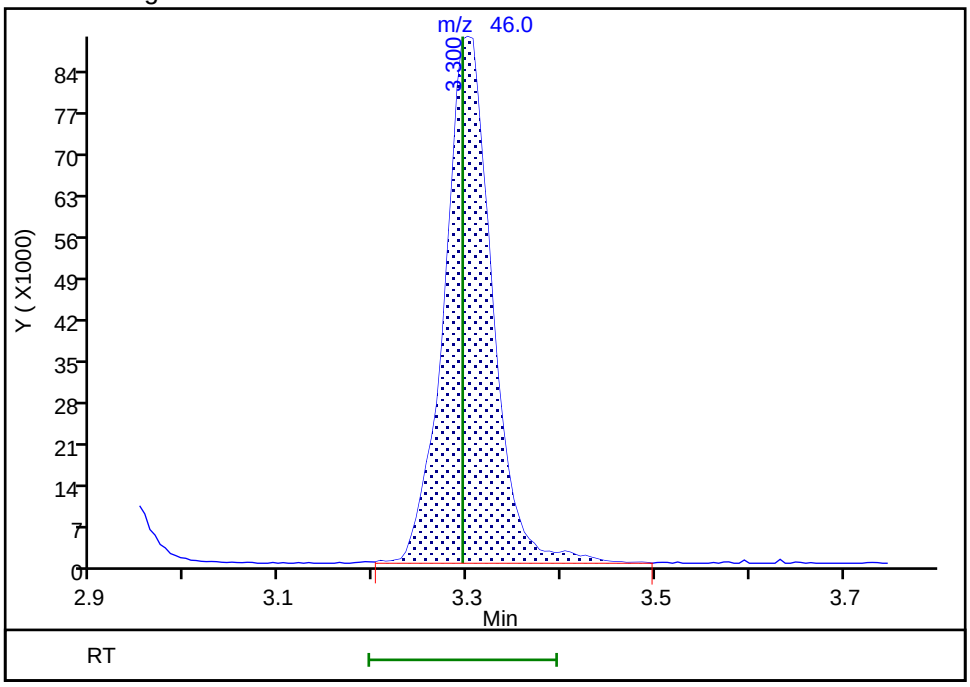
Not Detected
Expected RT: 3.29

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 317709
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:50:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

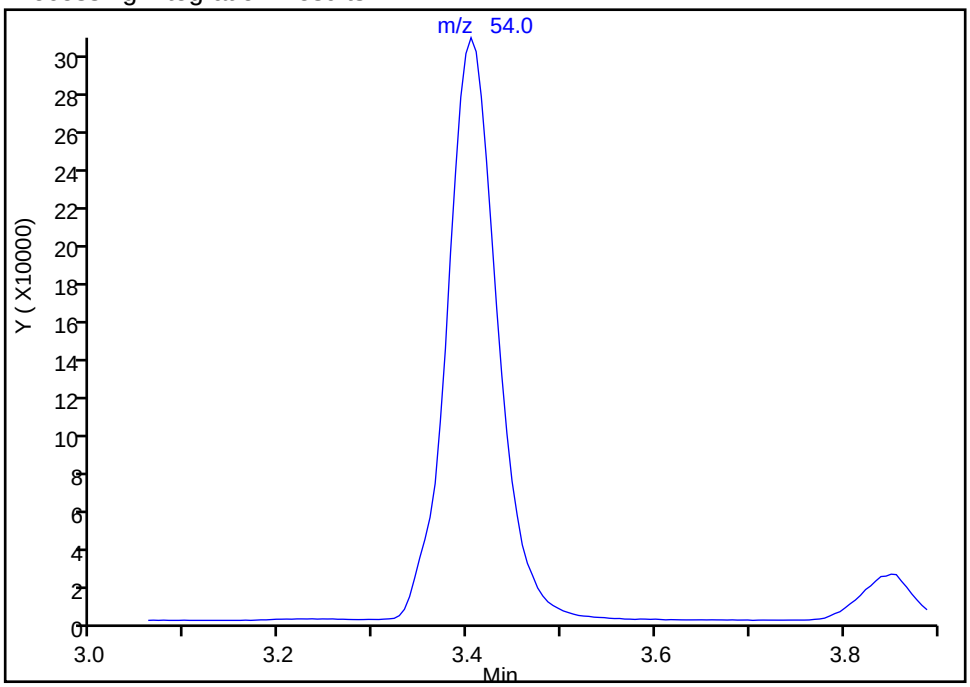
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

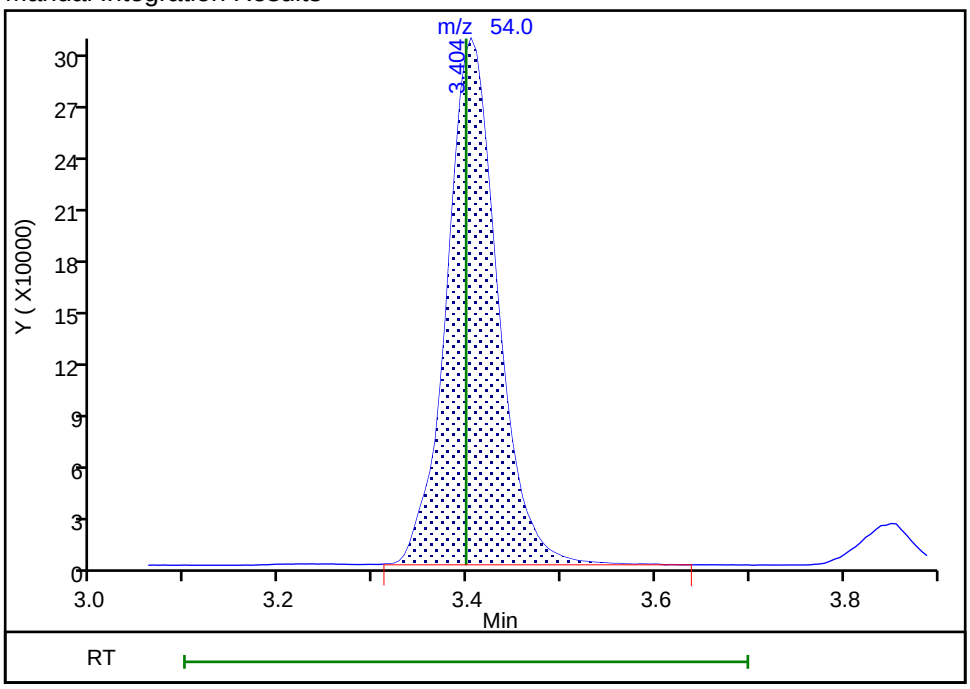
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 1150983
Amount: 2266.1831
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:13
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

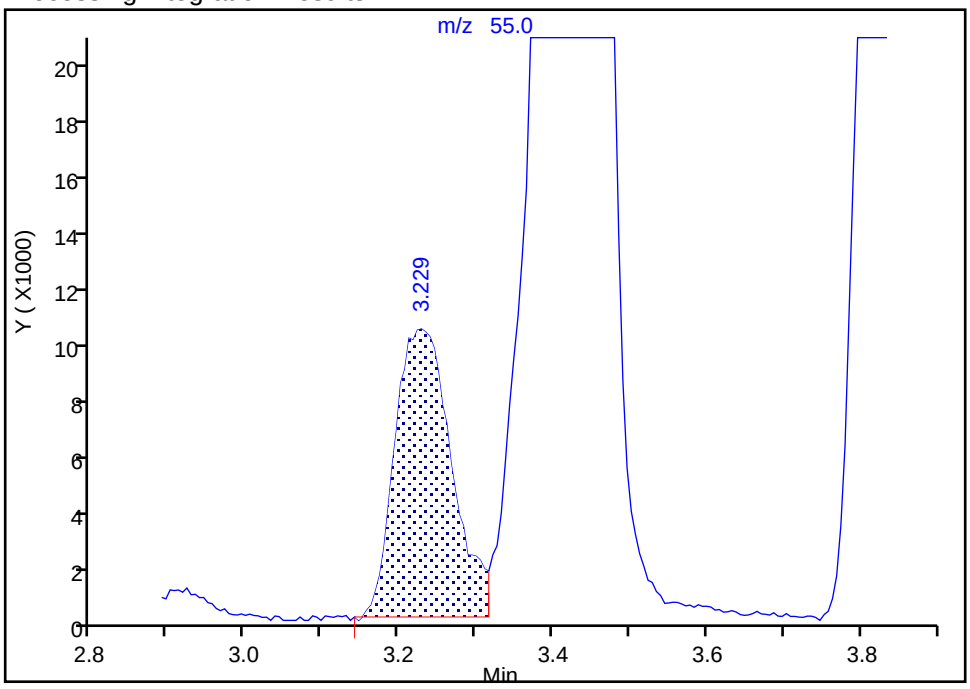
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

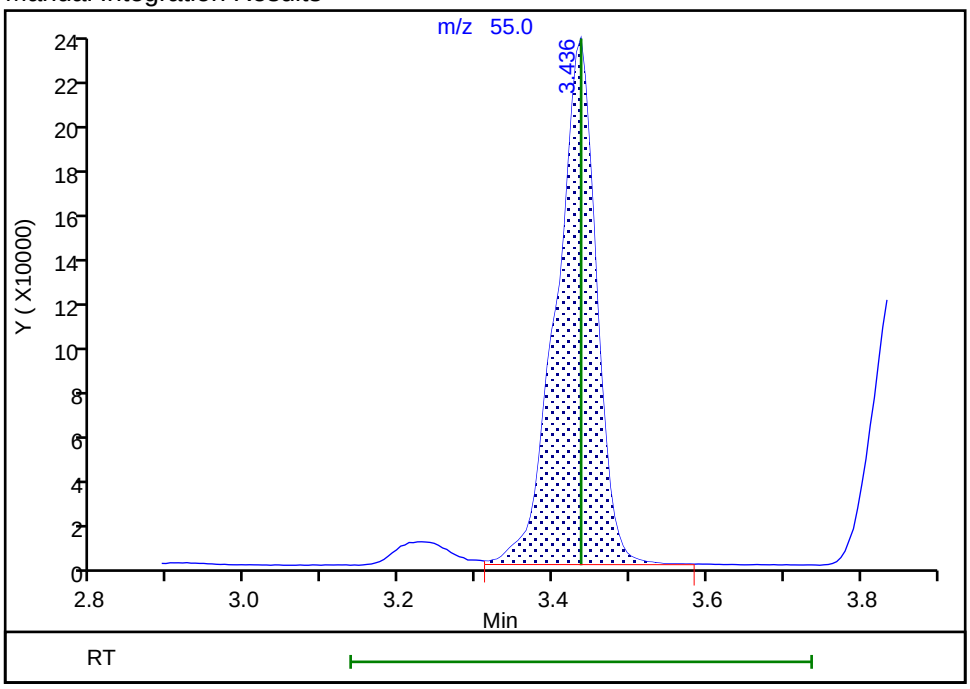
Processing Integration Results

RT: 3.23
Area: 52034
Amount: 18.145635
Amount Units: ug/l



Manual Integration Results

RT: 3.44
Area: 831846
Amount: 204.9547
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:19
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

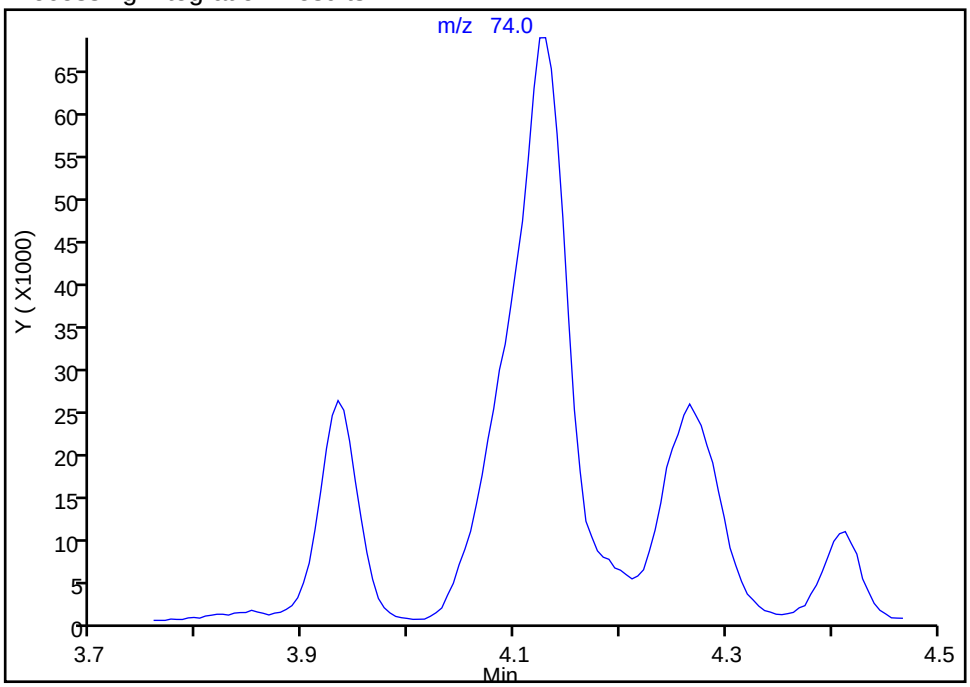
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

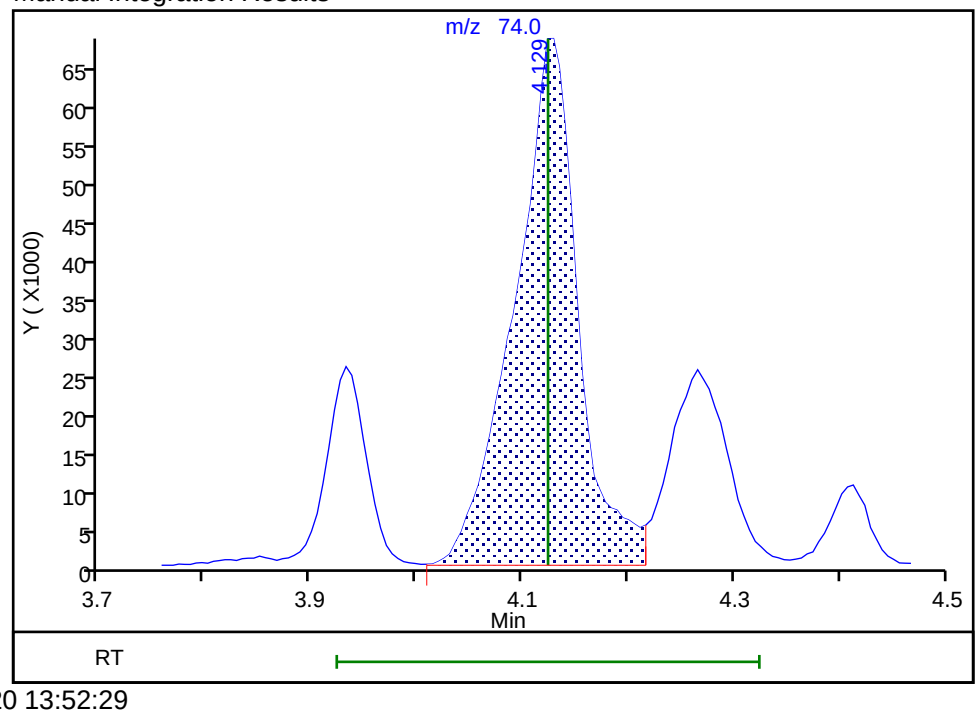
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.13
Area: 284373
Amount: 5175.8843
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:29
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

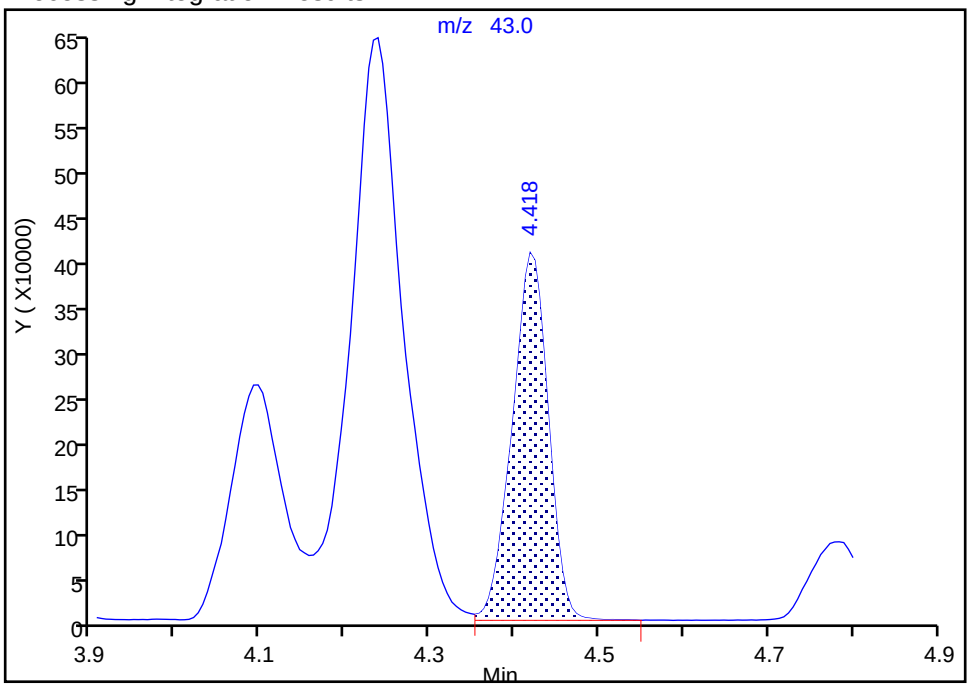
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

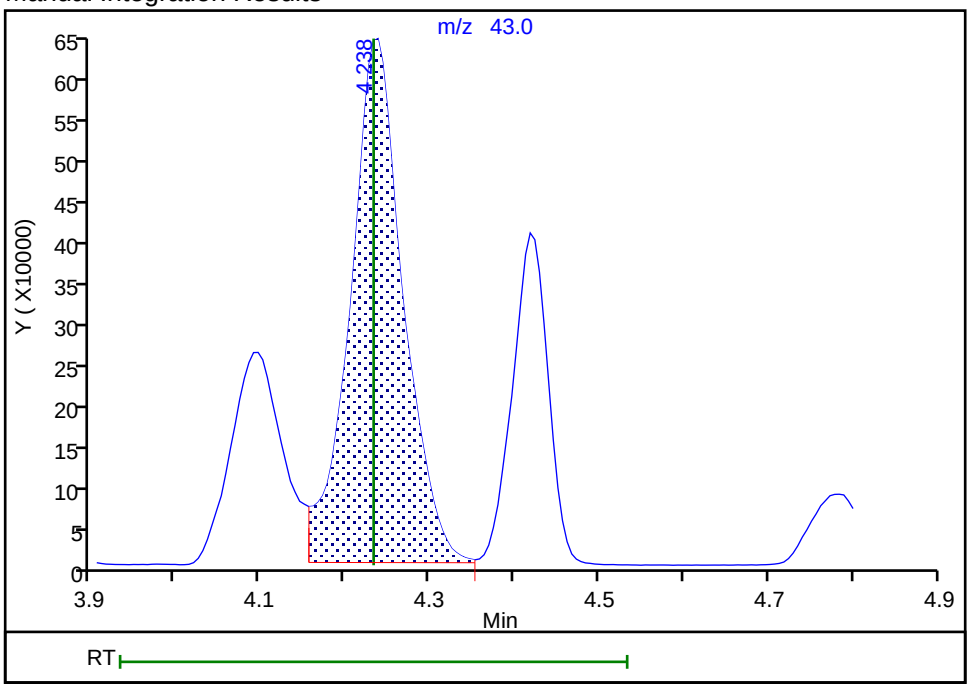
Processing Integration Results

RT: 4.42
Area: 1206128
Amount: 94.036772
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 2803236
Amount: 184.7980
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:52:36
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

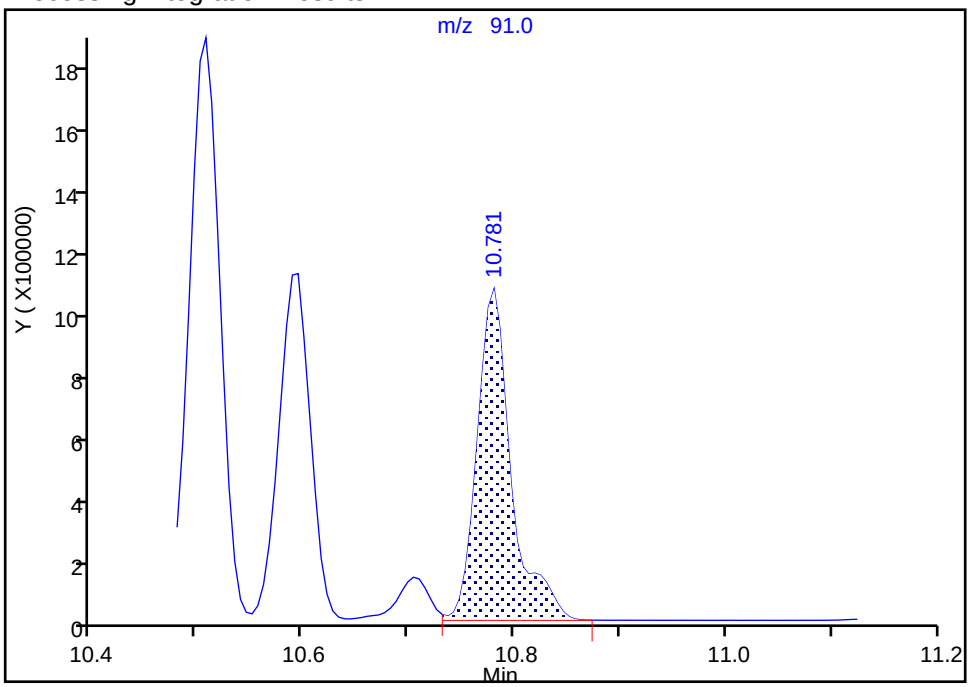
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

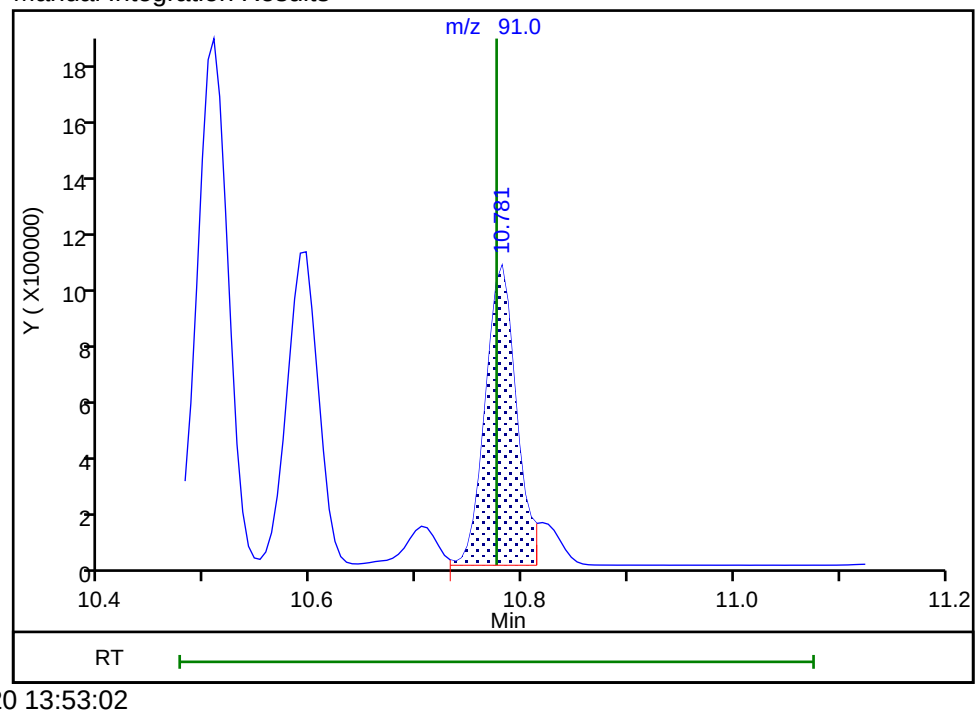
Processing Integration Results

RT: 10.78
Area: 2340658
Amount: 224.7513
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 2143148
Amount: 212.2495
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:53:02
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

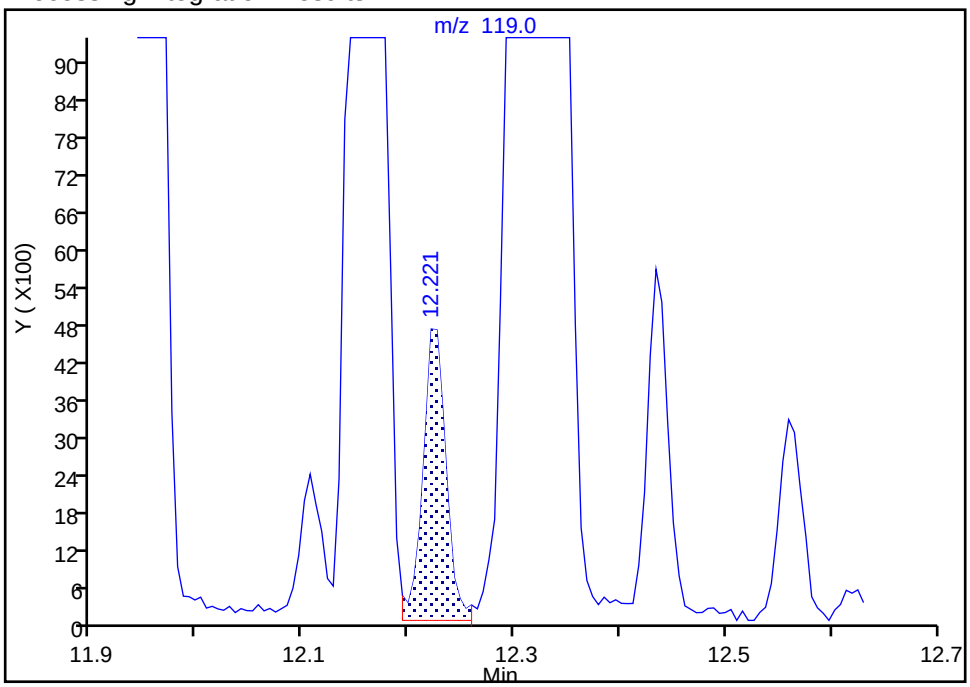
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

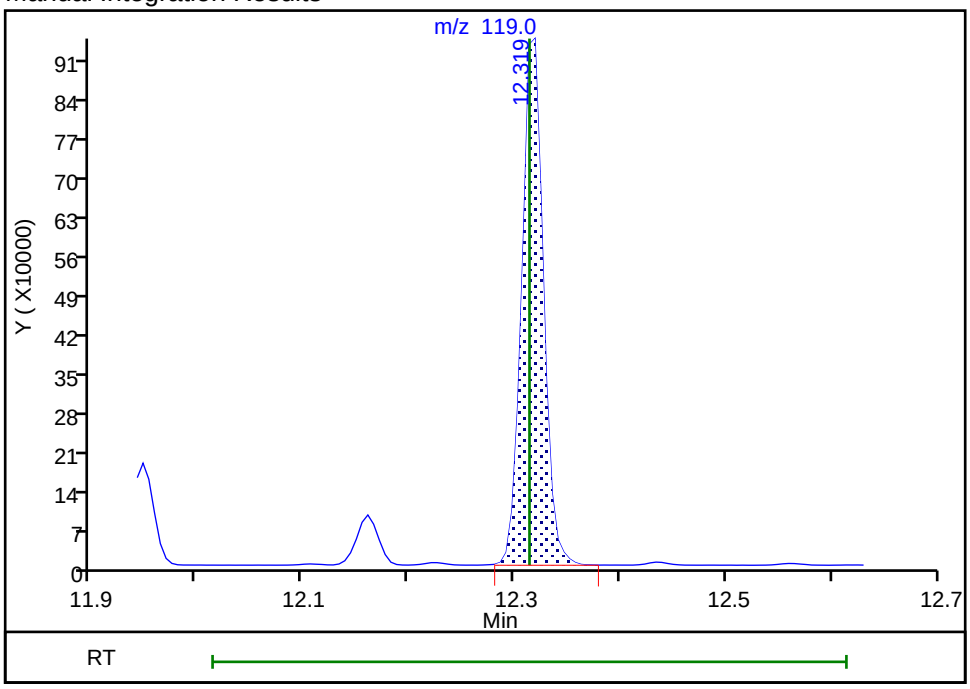
Processing Integration Results

RT: 12.22
Area: 7185
Amount: 1.529021
Amount Units: ug/l



Manual Integration Results

RT: 12.32
Area: 1350479
Amount: 195.5907
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:53:15
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

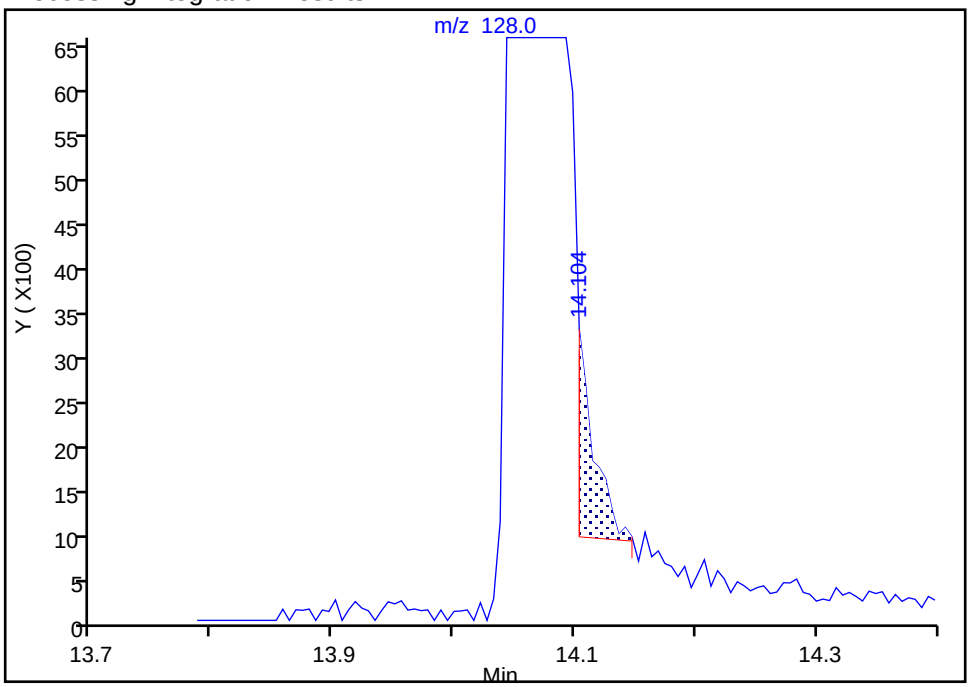
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18454.D
Injection Date: 26-Aug-2020 22:09:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Signal: 1

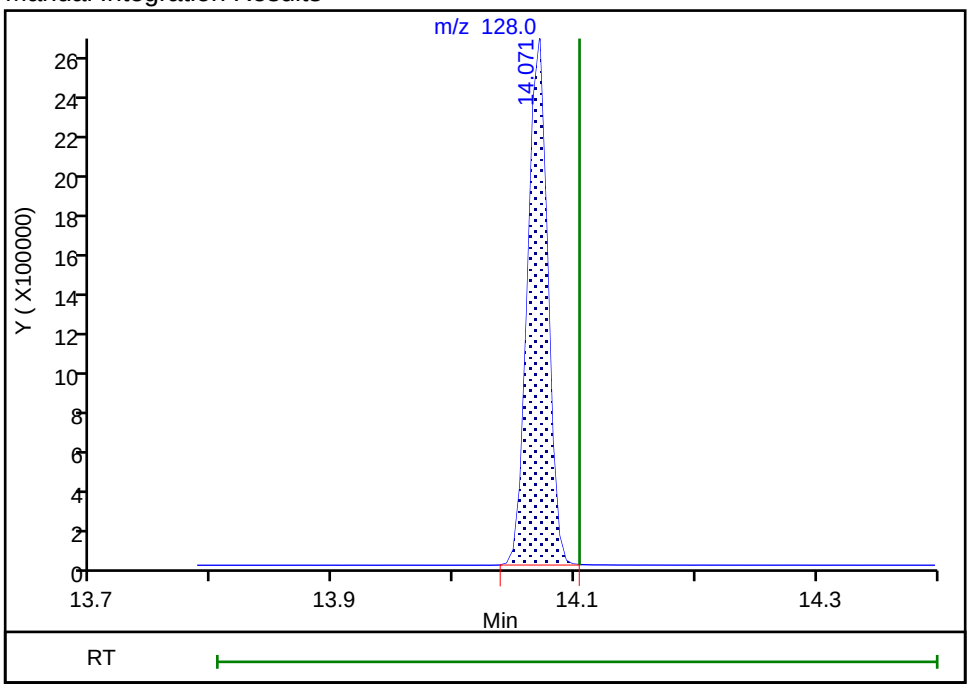
Processing Integration Results

RT: 14.10
Area: 2295
Amount: 0.194403
Amount Units: ug/l



Manual Integration Results

RT: 14.07
Area: 2998801
Amount: 200.2025
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:53:24
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-Aug-2020 22:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0115799-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:36:25 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: martineze Date: 27-Aug-2020 11:14:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.041	1.036	0.005	69	152825	500.0	437.5	a
3 1,1-Difluoroethane	65	1.074	1.074	0.000	97	1032361	500.0	456.3	
2 Chlorotrifluoroethene	116	1.107	1.112	-0.005	87	679407	500.0	463.3	
5 Chlorodifluoromethane	67	1.134	1.129	0.005	98	349060	500.0	463.3	
4 Dichlorodifluoromethane	85	1.129	1.134	-0.006	98	2811355	500.0	508.0	
6 Chloromethane	50	1.243	1.249	-0.006	99	3440771	500.0	441.8	
7 Butadiene	54	1.287	1.281	0.006	98	2127653	500.0	439.2	
8 Vinyl chloride	62	1.309	1.309	0.000	98	2379374	500.0	443.4	
9 Bromomethane	94	1.489	1.489	0.000	99	1538245	500.0	417.0	
10 Chloroethane	64	1.527	1.521	0.006	100	1079227	500.0	390.9	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	99	2671600	500.0	390.1	
13 Pentane	72	1.718	1.712	0.006	96	439705	1000.0	1080.3	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	100	2314488	500.0	446.9	
15 Ethyl ether	59	1.832	1.838	-0.006	97	1087590	500.0	388.5	
16 2-Methyl-1,3-butadiene	53	1.860	1.865	-0.005	90	1333125	500.0	415.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.876	1.871	0.005	92	1310408	500.0	460.4	
14 Ethanol	46	1.931	1.903	0.028	78	383714	20000	19456	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.914	1.914	0.000	94	2283043	500.0	455.9	a
19 Acrolein	56	1.931	1.931	0.000	74	238923	600.0	639.9	
21 1,1-Dichloroethene	96	2.018	2.007	0.011	98	1539832	500.0	473.8	
22 Acetone	43	2.034	2.034	0.000	87	2602662	2500.0	2151.5	
20 112TCTFE	101	2.045	2.040	0.005	98	1605894	500.0	486.8	
23 Iodomethane	142	2.122	2.116	0.006	98	3236012	500.0	463.9	
24 Isopropyl alcohol	45	2.165	2.171	-0.006	94	1764711	5000.0	4990.7	
25 Carbon disulfide	76	2.182	2.171	0.011	99	6676392	500.0	460.7	M
26 3-Chloro-1-propene	39	2.242	2.242	0.000	85	2223989	500.0	429.9	a
27 Methyl acetate	43	2.253	2.258	-0.005	100	2473062	1000.0	1114.3	
29 Acetonitrile	41	2.285	2.285	0.000	89	1595069	5000.0	6101.4	M
28 Cyclopentene	67	2.307	2.307	0.000	93	4092432	500.0	435.8	
31 Methylene Chloride	84	2.340	2.340	0.000	94	1896286	500.0	387.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.422	2.405	0.017	89	297766	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.471	2.476	-0.005	91	2281954	5000.0	5186.5	a
35 Acrylonitrile	53	2.509	2.509	0.000	94	5897920	5000.0	3989.9	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	97	1612334	500.0	438.1	
33 Methyl tert-butyl ether	73	2.558	2.547	0.011	97	4135550	500.0	419.3	
36 Hexane	43	2.733	2.738	-0.005	93	1459640	500.0	431.7	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	100	3134579	500.0	435.4	
39 Vinyl acetate	86	2.885	2.891	-0.006	100	612200	1000.0	997.9	
37 Isopropyl ether	45	2.924	2.918	0.006	87	5444879	500.0	413.3	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	91	1553376	500.0	460.6	
41 Tert-butyl ethyl ether	59	3.229	3.213	0.016	88	5131589	500.0	436.7	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	87	284327	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	96	1918192	500.0	437.3	
43 2,2-Dichloropropane	79	3.349	3.338	0.011	91	764665	500.0	423.5	
46 2-Butanone (MEK)	72	3.344	3.349	-0.005	96	1019869	2500.0	2412.0	
45 Ethyl acetate	70	3.404	3.366	0.038	99	374217	1000.0	1022.3	
48 Propionitrile	54	3.404	3.398	0.006	98	2671887	5000.0	5617.2	a
47 Methyl acrylate	55	3.431	3.437	-0.006	100	1934171	500.0	499.3	a
51 Methacrylonitrile	67	3.535	3.524	0.011	93	6621989	5000.0	4494.7	
50 Chlorobromomethane	128	3.540	3.535	0.005	83	908789	500.0	432.6	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	95	454085	1000.0	968.0	
52 Chloroform	83	3.611	3.611	0.000	99	2927158	500.0	427.5	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	97	174678	50.0	46.9	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	98	2543577	500.0	463.8	
53 Cyclohexane	84	3.846	3.840	0.006	92	2630482	500.0	477.0	
57 1,1-Dichloropropene	75	3.928	3.928	0.000	97	2298345	500.0	454.4	
56 Carbon tetrachloride	117	3.944	3.944	0.000	99	2237472	500.0	478.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	185713	50.0	48.4	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	627652	12500	12475	a
60 Benzene	78	4.124	4.130	-0.006	96	6971922	500.0	416.2	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	97	2221190	500.0	457.3	
59 Isooctane	57	4.233	4.217	0.016	93	6639545	500.0	463.0	
62 Isopropyl acetate	43	4.233	4.233	0.000	93	6282086	500.0	442.7	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	90	1436687	500.0	455.7	
* 66 Fluorobenzene	96	4.408	4.408	0.000	99	546911	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	93	1384744	500.0	200.9	
68 n-Butanol	56	4.779	4.757	0.022	89	1736277	12500	12486	
69 Trichloroethene	95	4.790	4.790	0.000	99	1762530	500.0	504.1	
70 Ethyl acrylate	56	4.943	4.921	0.021	98	282080	500.0	522.4	
71 Methylcyclohexane	83	5.013	5.008	0.005	96	3112363	500.0	478.3	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	91	1794349	500.0	477.4	
77 Dibromomethane	93	5.161	5.161	0.000	96	1085415	500.0	494.2	
* 73 1,4-Dioxane-d8	96	5.161	5.166	-0.005	28	42900	1000.0	1000.0	
74 Methyl methacrylate	69	5.199	5.183	0.016	90	2163159	1000.0	1092.0	
75 1,4-Dioxane	88	5.221	5.248	-0.027	89	478874	10000	7930.4	
76 n-Propyl acetate	43	5.281	5.264	0.017	99	2221157	500.0	486.7	
78 Dichlorobromomethane	83	5.352	5.352	0.000	100	2356729	500.0	513.4	
79 2-Nitropropane	41	5.625	5.614	0.011	97	837662	1000.0	1078.2	
67 2-Chloroethyl vinyl ether	63	5.739	5.723	0.016	94	416428	501.2	653.4	
80 Epichlorohydrin	57	5.799	5.777	0.022	100	3366482	10000	11299	
81 cis-1,3-Dichloropropene	75	5.897	5.881	0.016	93	2814711	500.0	512.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.116	0.005	97	7936275	2500.0	2408.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.225	6.219	0.006	100	649814	50.0	49.3	
84 Toluene	91	6.312	6.301	0.011	94	6796307	500.0	459.5	
85 trans-1,3-Dichloropropene	75	6.618	6.607	0.011	97	2285194	500.0	511.7	
86 Ethyl methacrylate	69	6.792	6.781	0.011	90	1895784	500.0	461.8	
87 1,1,2-Trichloroethane	83	6.852	6.841	0.011	96	1151664	500.0	472.9	
88 Tetrachloroethene	166	7.027	7.021	0.006	99	1690250	500.0	493.6	
89 1,3-Dichloropropane	76	7.071	7.060	0.010	95	2277057	500.0	491.5	
90 2-Hexanone	43	7.240	7.234	0.006	96	4710964	2500.0	2482.0	
92 Chlorodibromomethane	129	7.376	7.365	0.011	98	1656941	500.0	499.5	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	2197187	500.0	413.8	
93 Ethylene Dibromide	107	7.507	7.496	0.011	98	1366331	500.0	491.2	
* 94 Chlorobenzene-d5	117	8.195	8.195	-0.001	84	417352	50.0	50.0	
95 Chlorobenzene	112	8.238	8.233	0.005	94	4311107	500.0	482.4	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.380	0.005	96	1831611	500.0	452.8	
96 Ethylbenzene	106	8.440	8.435	0.005	98	2284337	500.0	462.1	
98 m-Xylene & p-Xylene	106	8.631	8.620	0.011	0	2804444	500.0	452.9	
100 o-Xylene	106	9.231	9.220	0.011	94	2905872	500.0	439.8	
101 Styrene	104	9.253	9.248	0.005	95	4340231	500.0	452.9	
99 n-Butyl acrylate	73	9.286	9.286	0.000	97	1044817	500.0	405.9	
103 Bromoform	173	9.493	9.488	0.005	98	1090074	500.0	483.8	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	90	2386801	500.0	429.6	
104 Isopropylbenzene	105	9.837	9.831	0.006	96	7623599	500.0	448.9	
$ 105 4-Bromofluorobenzene	174	10.044	10.039	0.005	93	187250	50.0	47.5	
106 Bromobenzene	156	10.246	10.235	0.011	96	1806153	500.0	519.7	
107 1,1,2,2-Tetrachloroethane	83	10.350	10.339	0.011	99	1935607	500.0	487.0	
109 1,2,3-Trichloropropane	110	10.377	10.372	0.005	99	464090	500.0	478.4	
110 trans-1,4-Dichloro-2-butene	53	10.448	10.437	0.011	93	395801	500.0	453.3	
108 N-Propylbenzene	91	10.513	10.503	0.010	99	8542493	500.0	500.3	
111 2-Chlorotoluene	91	10.601	10.590	0.011	97	5210078	500.0	498.0	
112 4-Ethyltoluene	105	10.710	10.699	0.011	99	6519454	500.0	486.9	
114 4-Chlorotoluene	91	10.786	10.775	0.011	96	5022694	500.0	500.4	M
113 1,3,5-Trimethylbenzene	105	10.830	10.819	0.011	92	6669817	500.0	517.4	
115 Butyl Methacrylate	87	11.092	11.081	0.011	91	2055208	500.0	502.6	
116 tert-Butylbenzene	119	11.332	11.321	0.011	94	5725196	500.0	499.6	
117 1,2,4-Trimethylbenzene	105	11.403	11.397	0.006	98	6504772	500.0	493.4	
118 sec-Butylbenzene	105	11.643	11.637	0.006	99	8477037	500.0	524.4	
120 1,3-Dichlorobenzene	146	11.736	11.725	0.011	96	3143955	500.0	485.9	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.818	0.005	95	202092	50.0	50.0	
119 4-Isopropyltoluene	119	11.861	11.850	0.011	98	7012266	500.0	513.9	
122 1,4-Dichlorobenzene	146	11.856	11.850	0.006	94	2988020	500.0	465.4	
123 1,2,3-Trimethylbenzene	105	11.954	11.943	0.011	98	6662221	NC	NC	
124 Benzyl chloride	91	12.041	12.036	0.005	99	2811493	500.0	497.5	
125 2,3-Dihydroindene	117	12.167	12.161	0.006	95	5849445	500.0	465.5	
128 1,2-Dichlorobenzene	146	12.292	12.287	0.005	97	3347102	500.0	475.2	
126 p-Diethylbenzene	119	12.320	12.314	0.006	92	3253558	500.0	474.0	a
127 n-Butylbenzene	92	12.347	12.341	0.006	98	3346572	500.0	472.5	
130 1,2-Dibromo-3-Chloropropane	157	13.111	13.122	-0.011	96	459014	500.0	495.3	
129 1,2,4,5-Tetramethylbenzene	119	13.122	13.127	-0.005	97	6835478	500.0	491.6	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	98	2872530	500.0	480.3	
132 1,2,4-Trichlorobenzene	180	13.869	13.896	-0.027	94	3012009	500.0	490.3	
133 Hexachlorobutadiene	225	14.038	14.071	-0.033	97	1782959	500.0	578.9	
134 Naphthalene	128	14.071	14.104	-0.033	99	7301152	500.0	491.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.278	14.317	-0.039	96	3237545	500.0	489.4	a
S 136 1,2-Dichloroethene, Total	100				0		1000.0	875.3	
S 137 Xylenes, Total	100				0		1000.0	892.7	
S 139 Total BTEX	1				0		2500.0	2230.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MIX 2 Hi_00102	Amount Added:	5.00	Units: uL		
Ethanol mix_00043	Amount Added:	5.00	Units: uL		
MIX I Hi_00129	Amount Added:	5.00	Units: uL		
ACROLEIN W_00111	Amount Added:	6.00	Units: uL		
8FreonHi_00022	Amount Added:	5.00	Units: uL		
GAS Hi_00369	Amount Added:	5.00	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:36:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9 Operator ID:

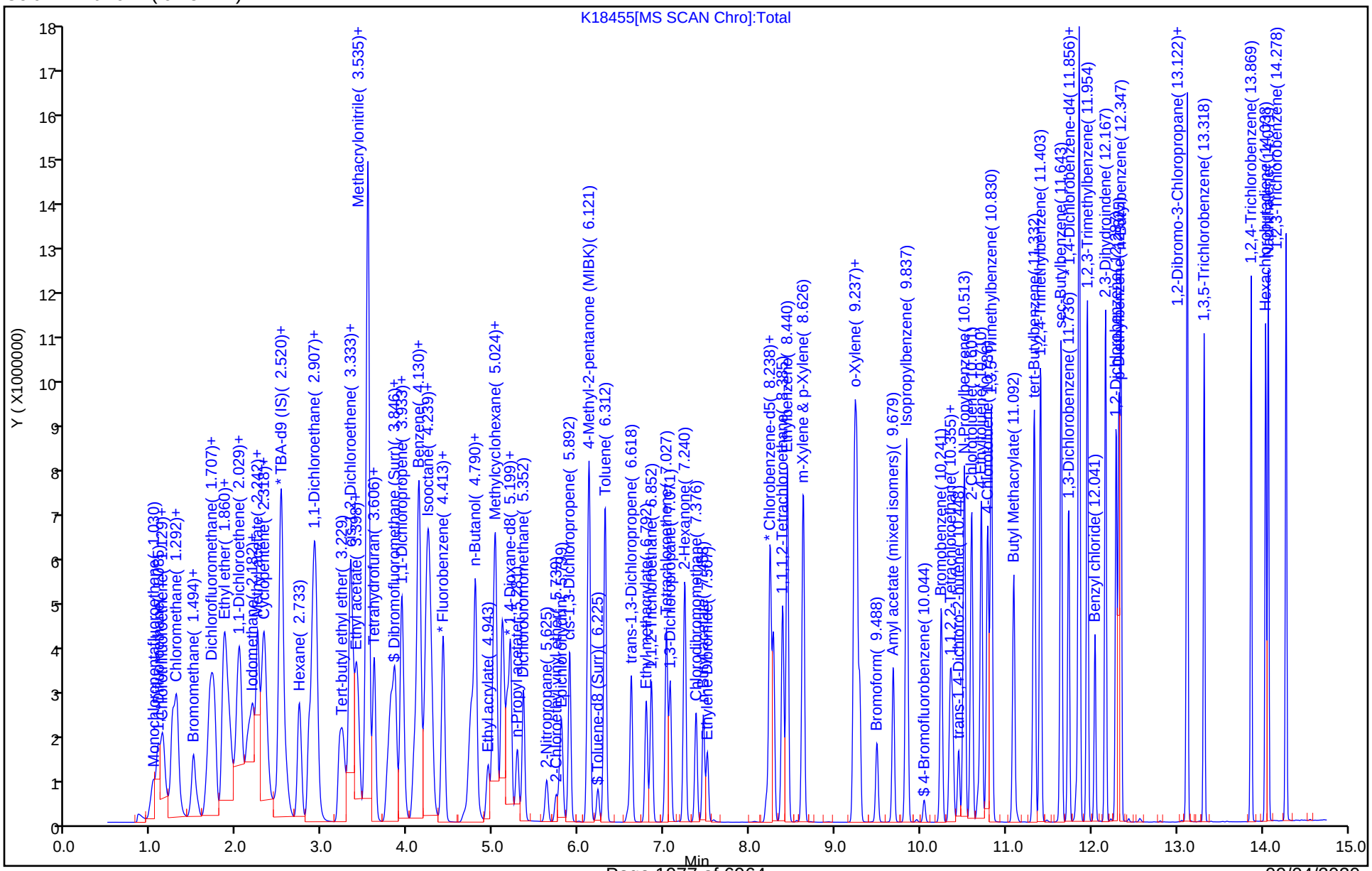
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

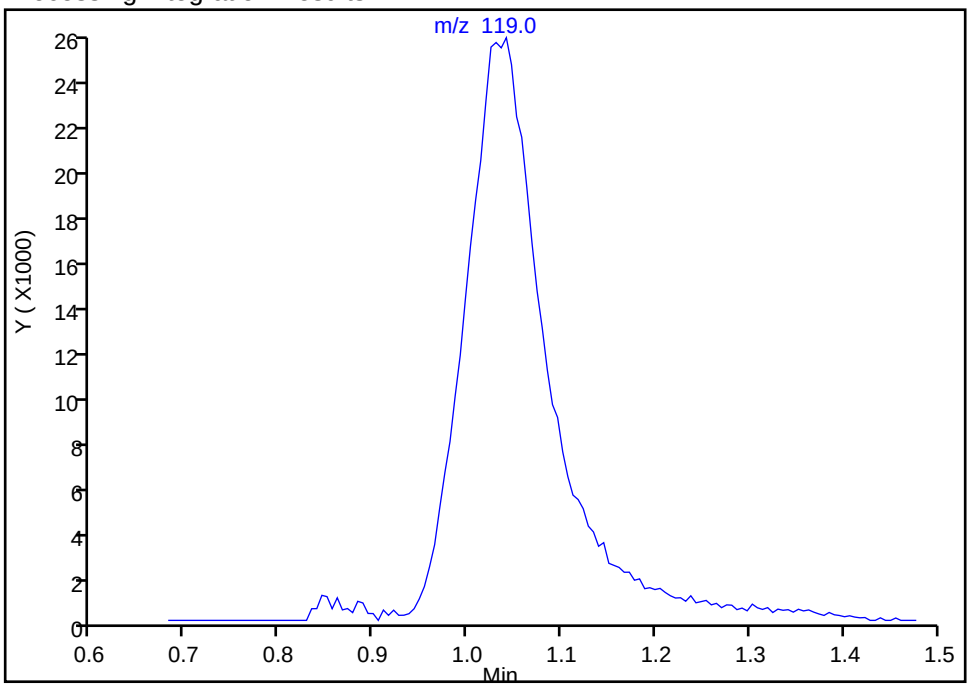
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

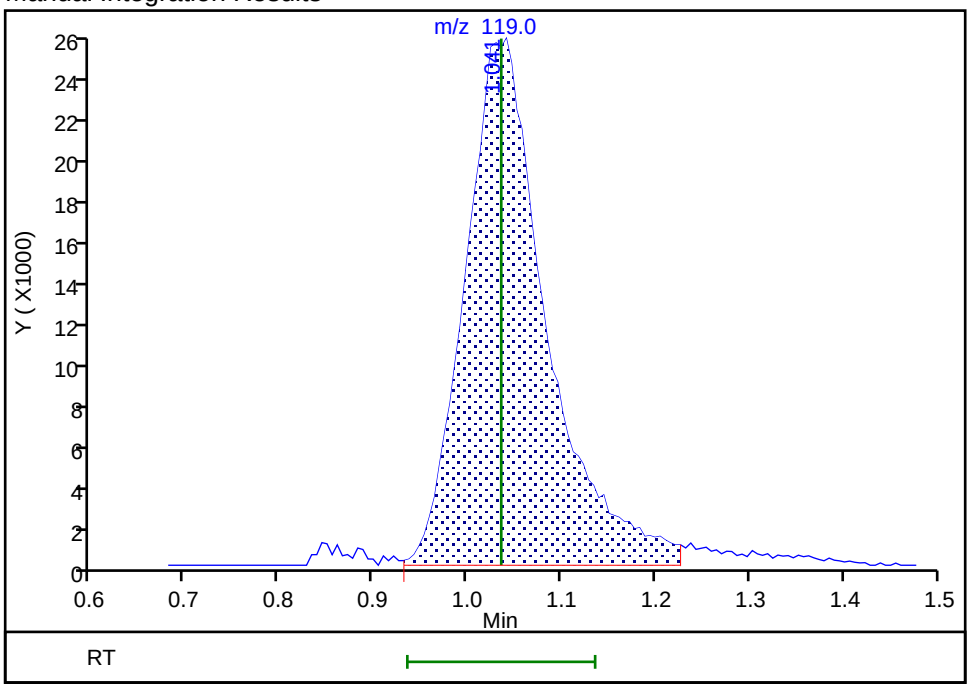
Not Detected
Expected RT: 1.04

Processing Integration Results



Manual Integration Results

RT: 1.04
Area: 152825
Amount: 437.5455
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

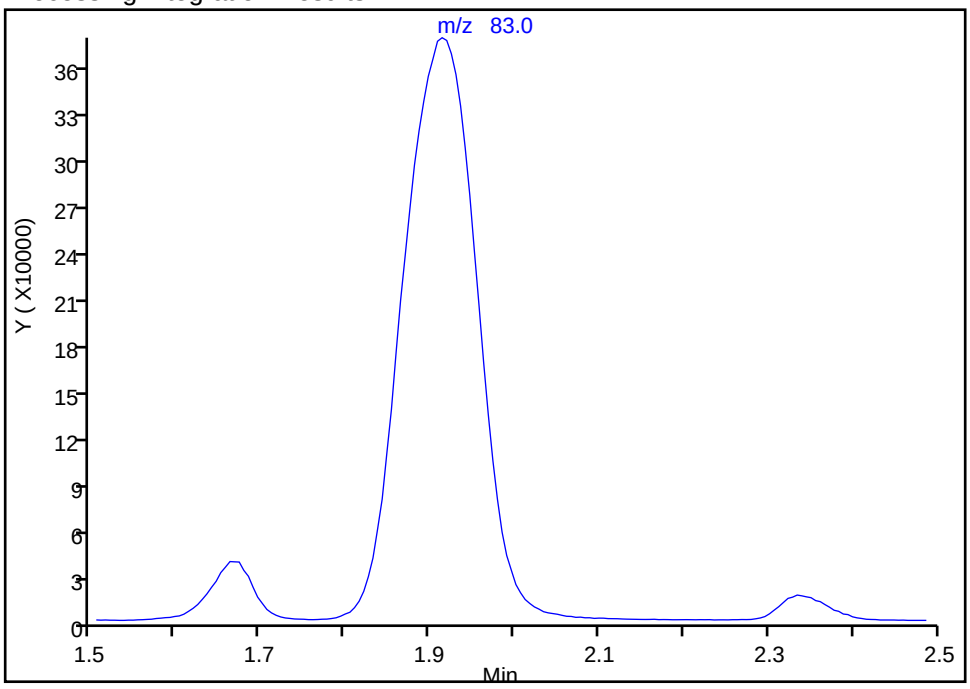
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

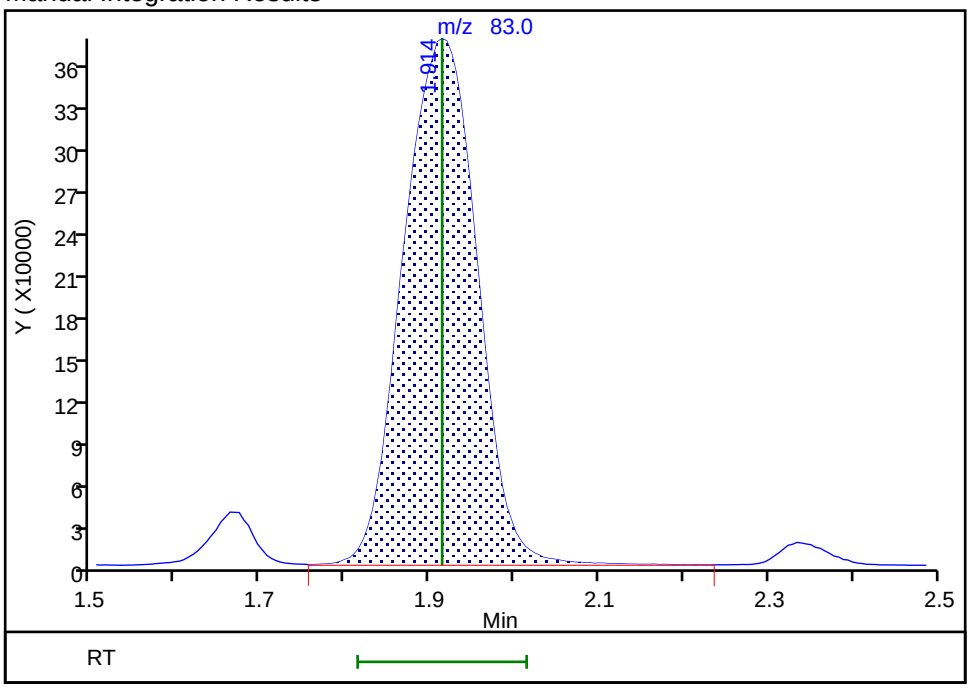
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 2283043
Amount: 455.8789
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

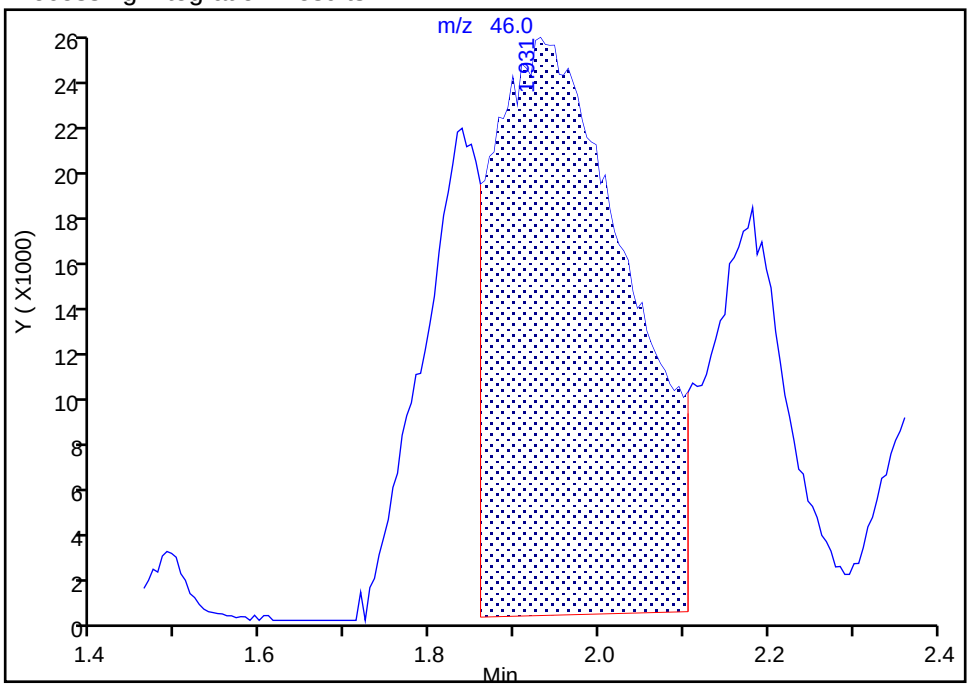
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

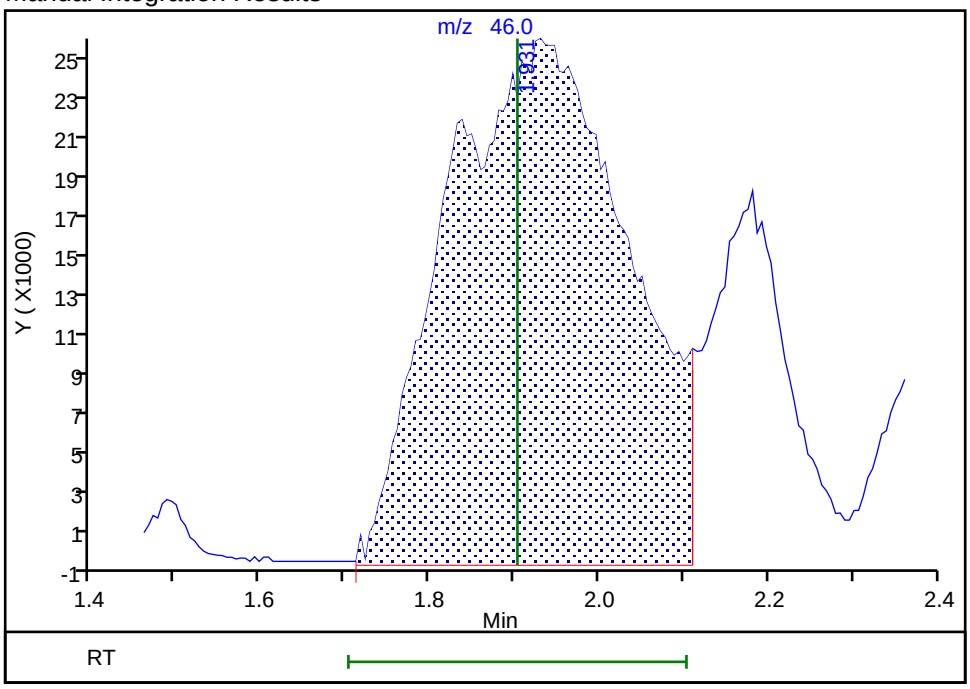
Processing Integration Results

RT: 1.93
Area: 277165
Amount: 14650
Amount Units: ug/l



Manual Integration Results

RT: 1.93
Area: 383714
Amount: 19456
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

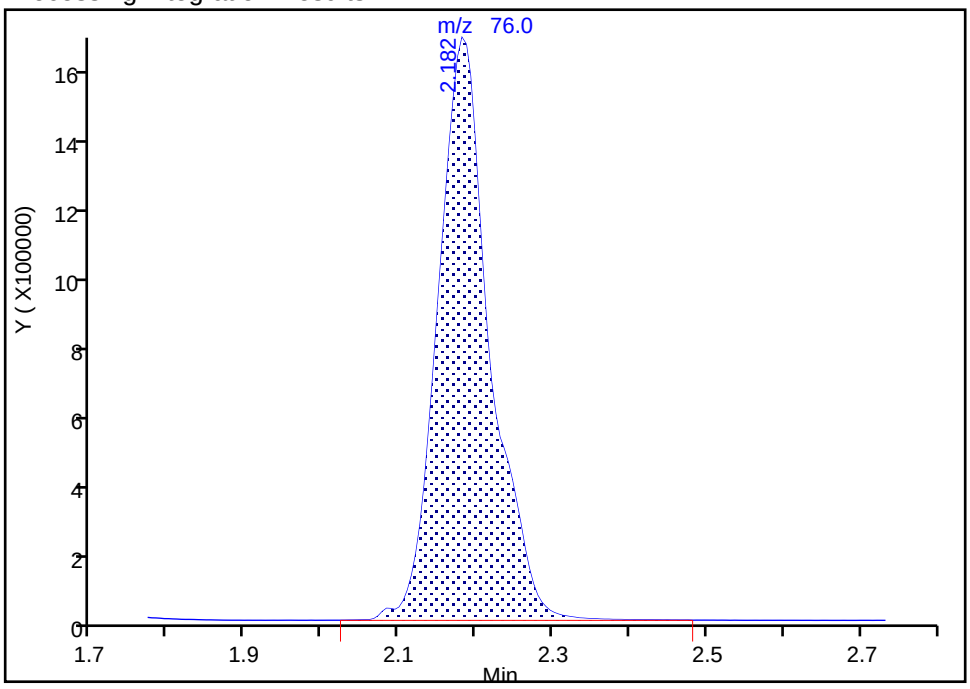
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

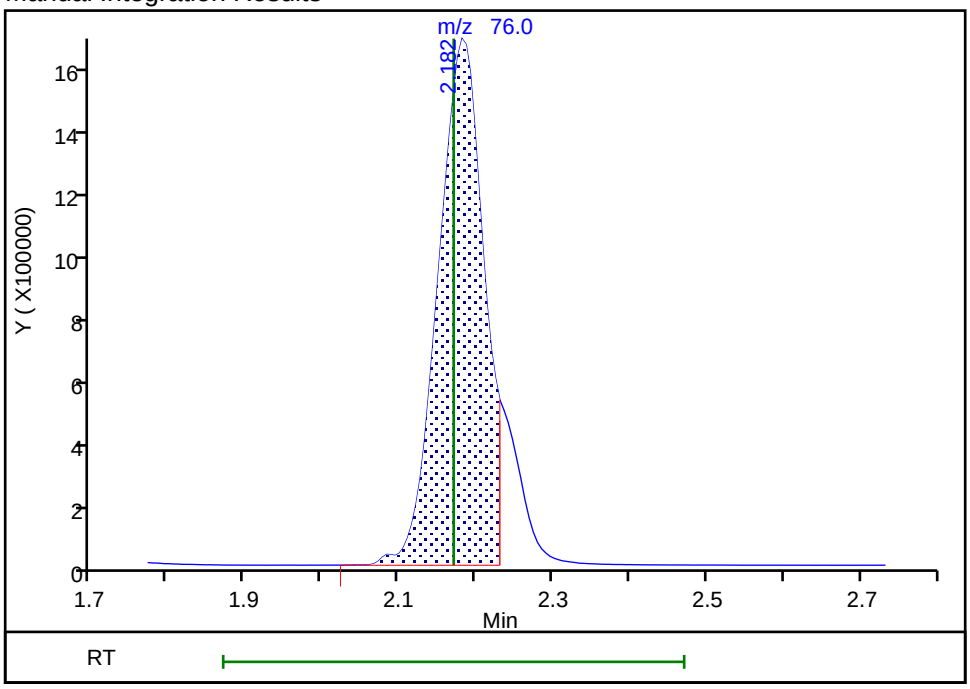
Processing Integration Results

RT: 2.18
Area: 7544274
Amount: 510.3665
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 6676392
Amount: 460.6703
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:55:31
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

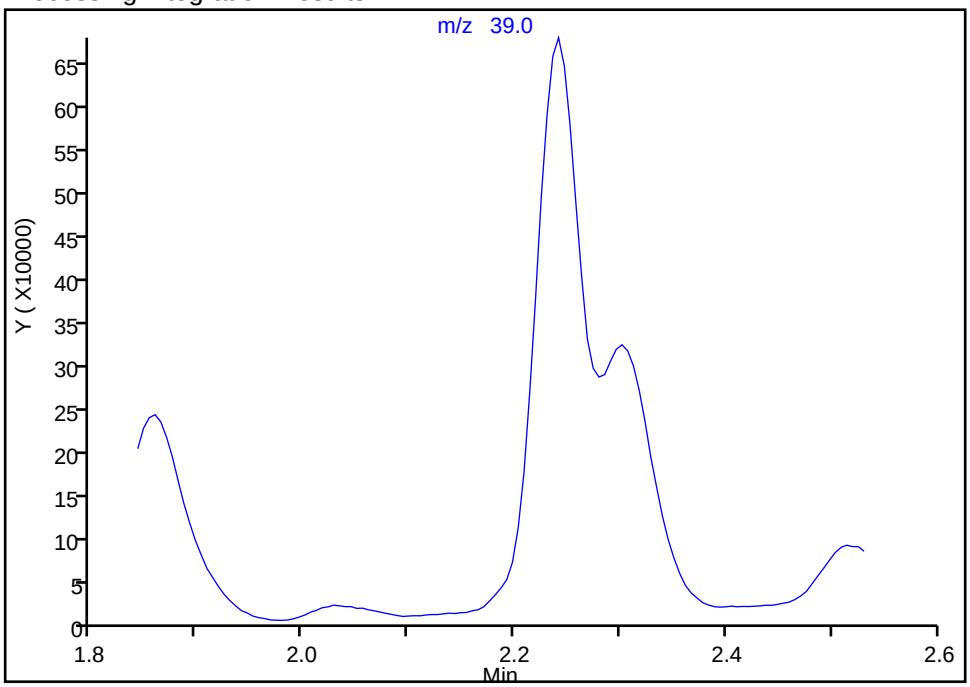
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

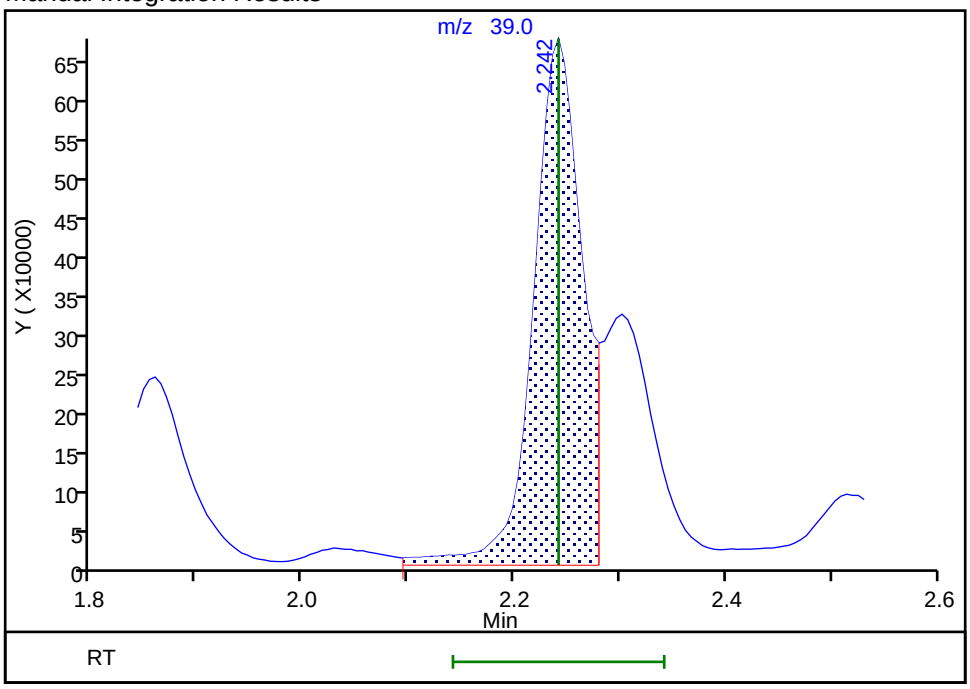
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 2223989
Amount: 429.8783
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:55:38
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

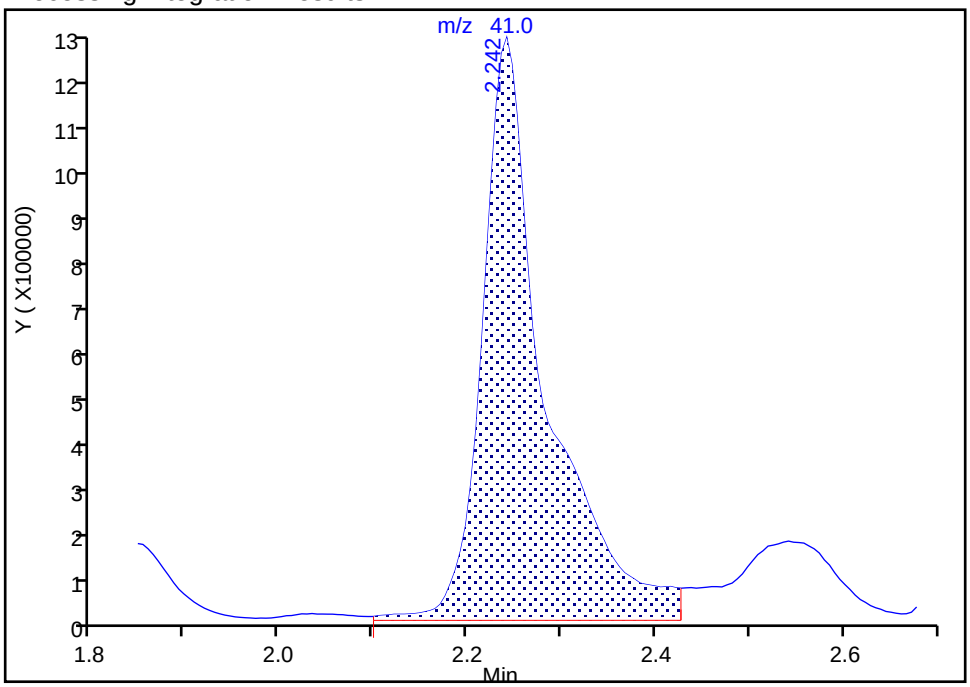
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

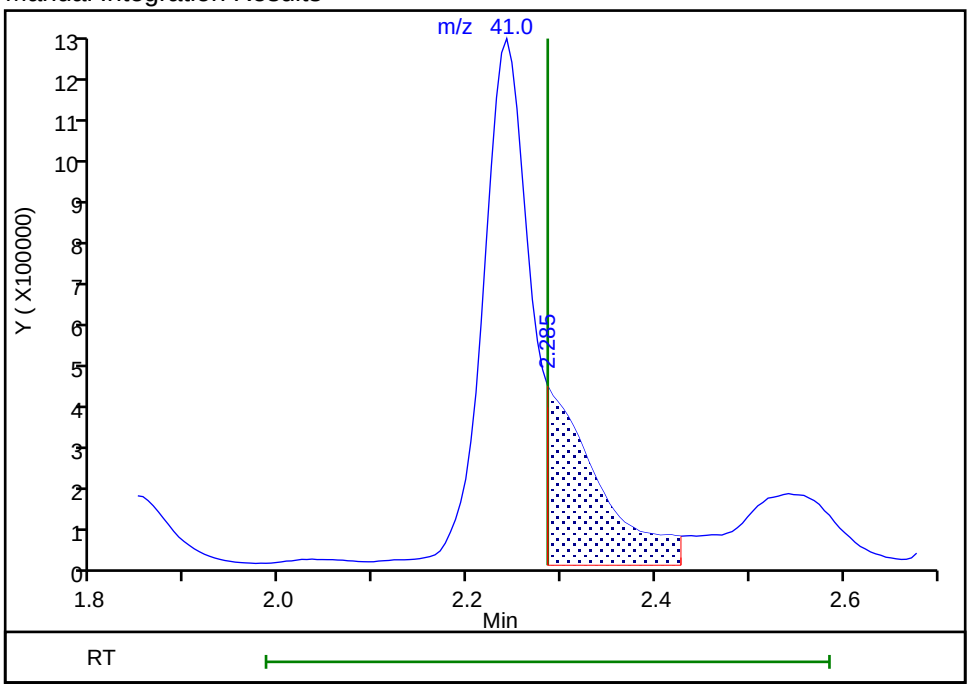
Processing Integration Results

RT: 2.24
Area: 5725505
Amount: 5003.7173
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 1595069
Amount: 6101.3949
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:55:50
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

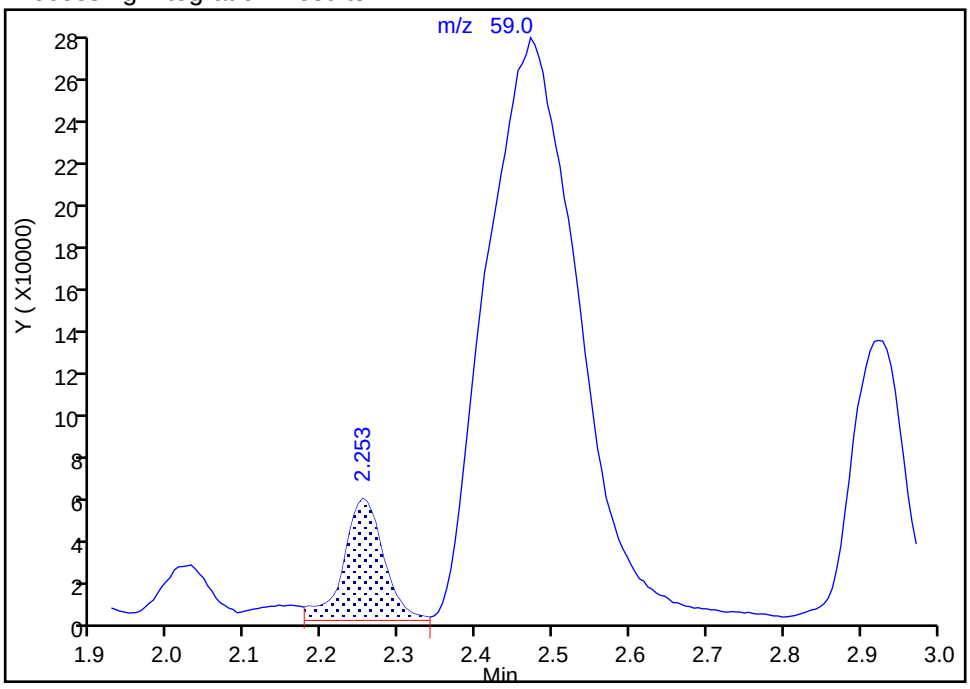
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

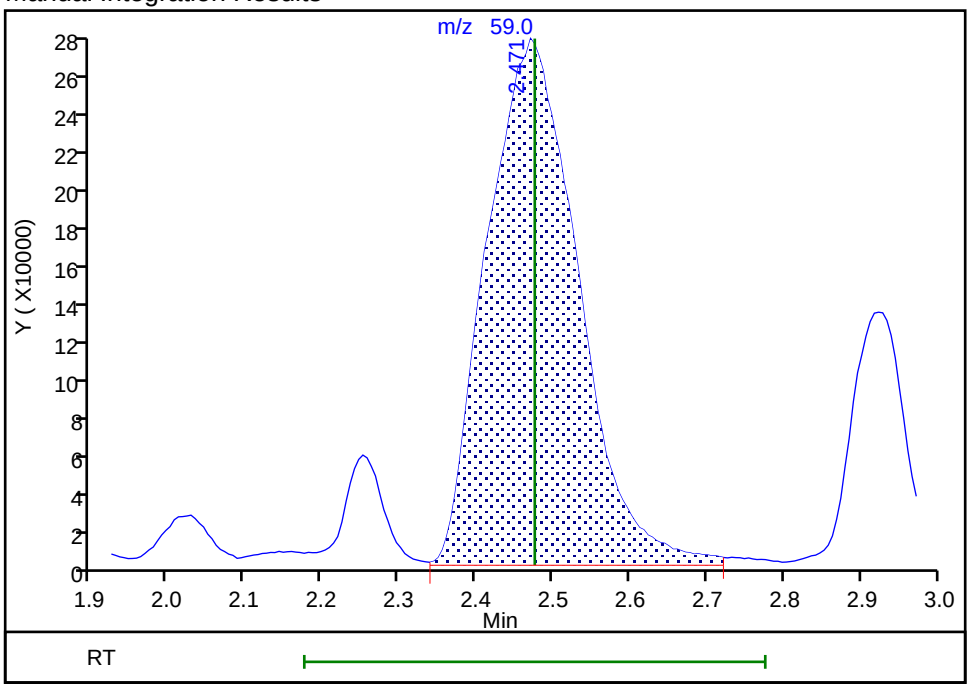
Processing Integration Results

RT: 2.25
Area: 210567
Amount: 564.7320
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 2281954
Amount: 5186.5312
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

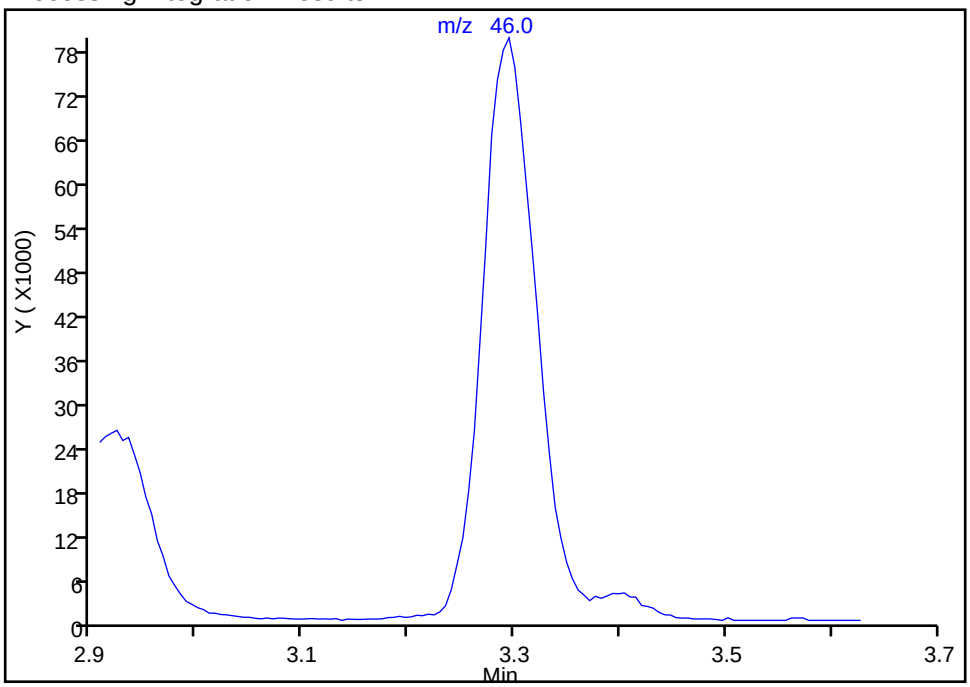
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

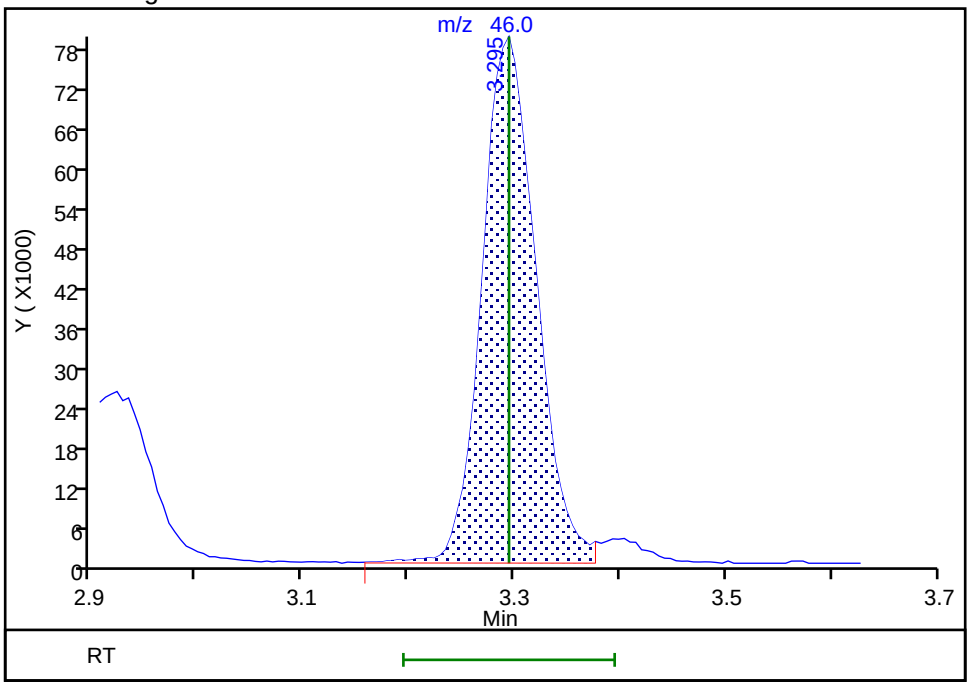
Not Detected
Expected RT: 3.29

Processing Integration Results



Manual Integration Results

RT: 3.29
Area: 284327
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:54:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

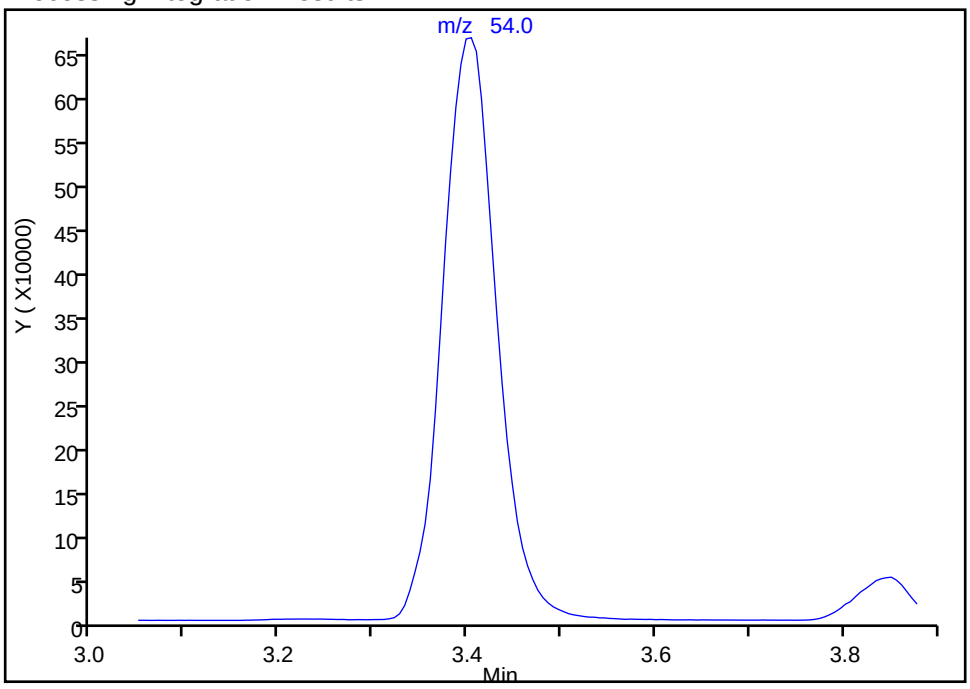
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

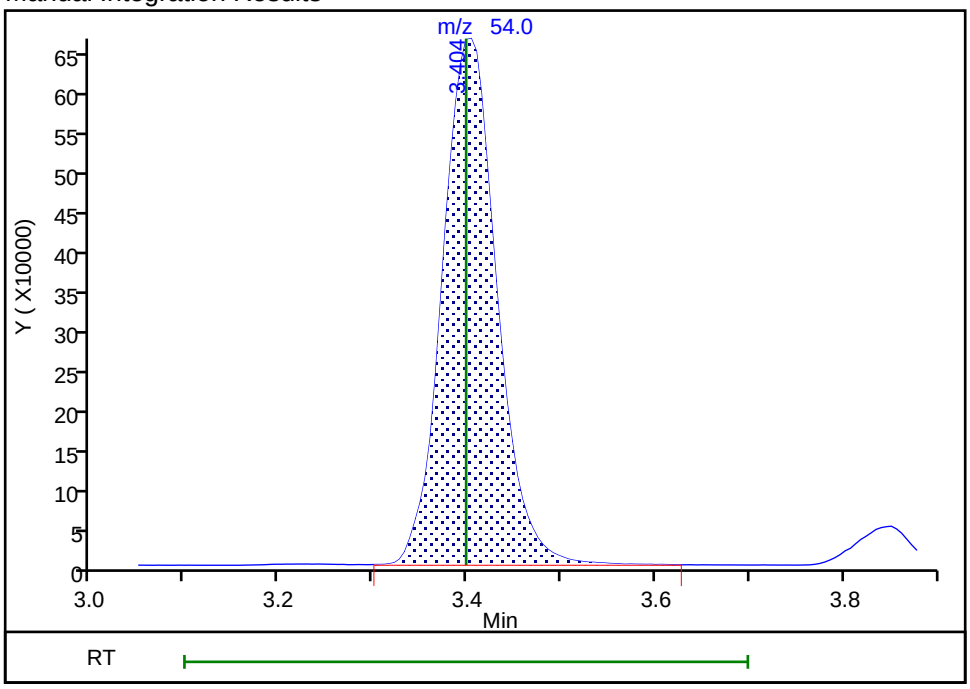
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 2671887
Amount: 5617.2330
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

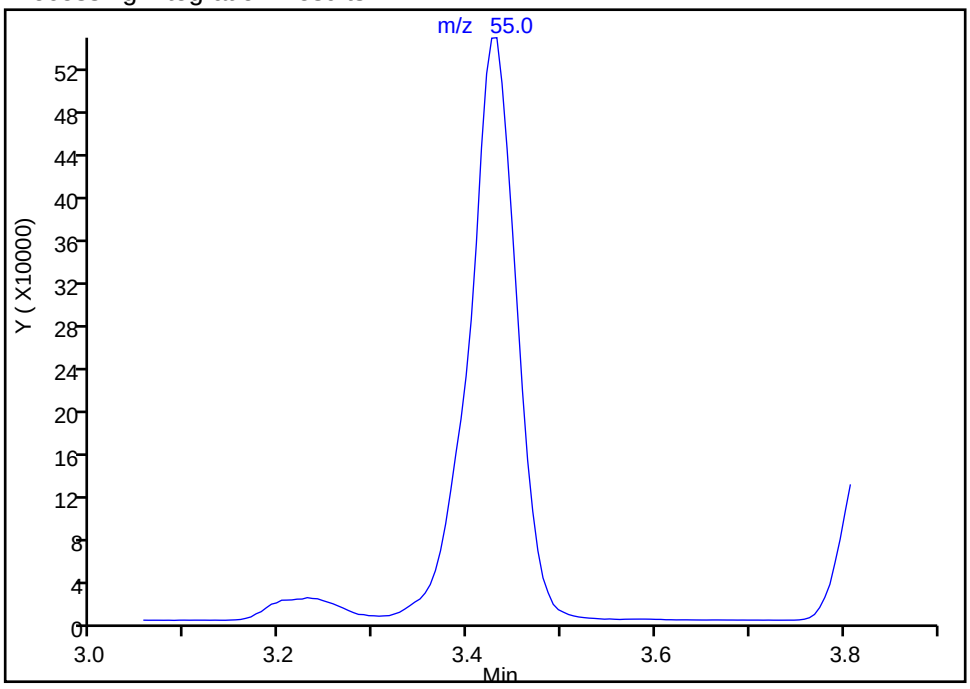
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

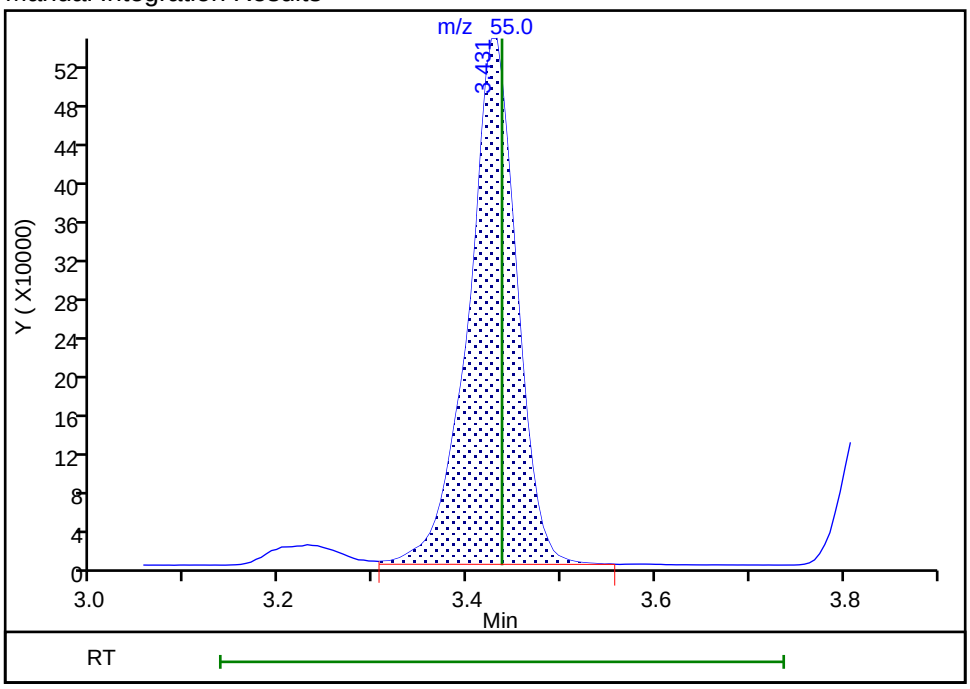
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.43
Area: 1934171
Amount: 499.3496
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

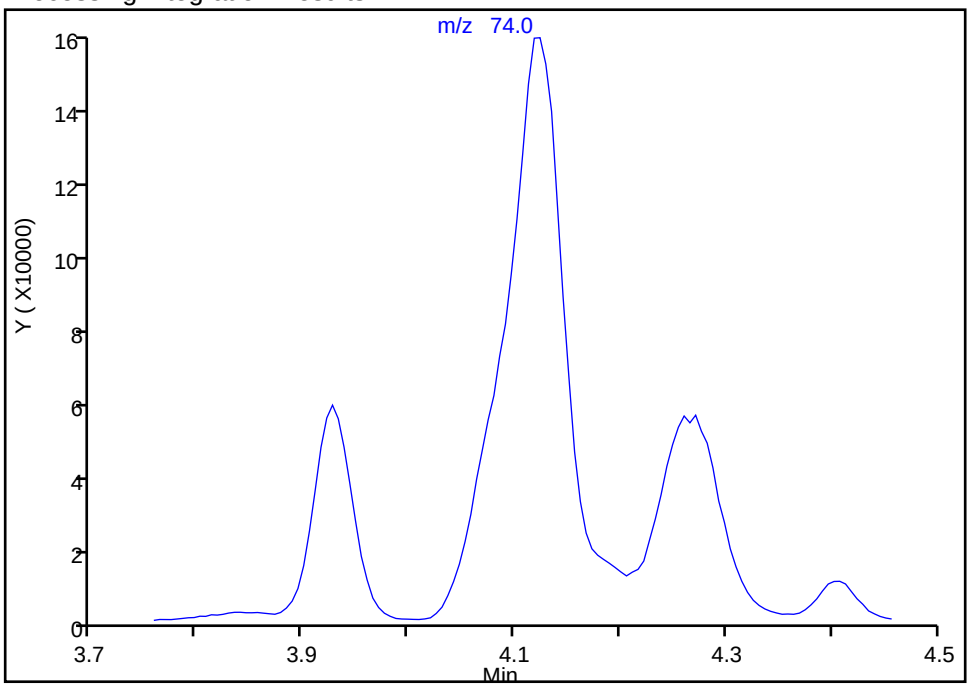
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

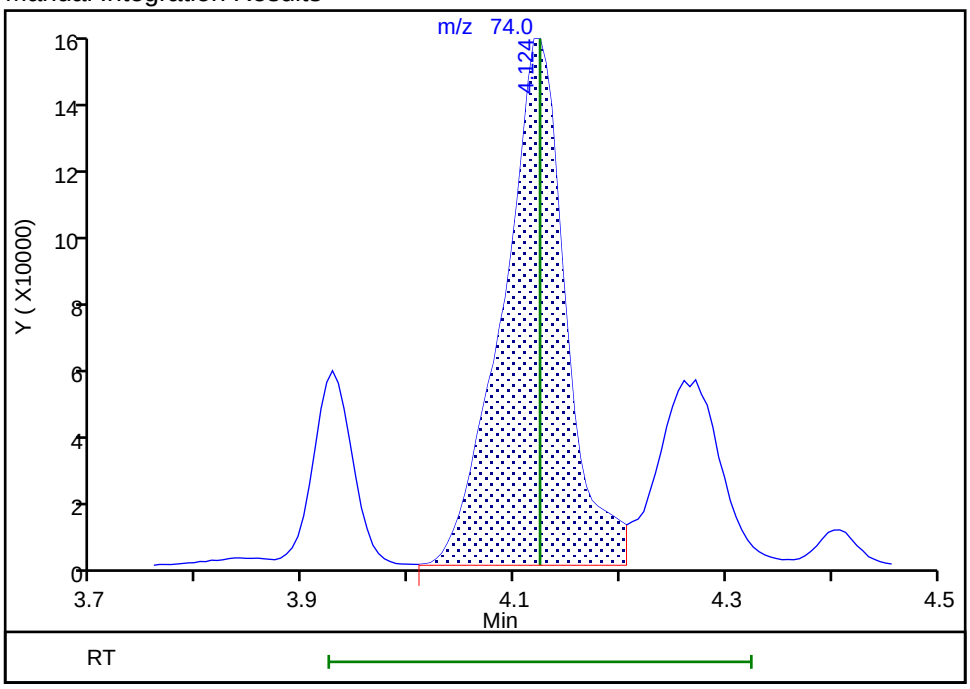
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 627652
Amount: 12475
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:27
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

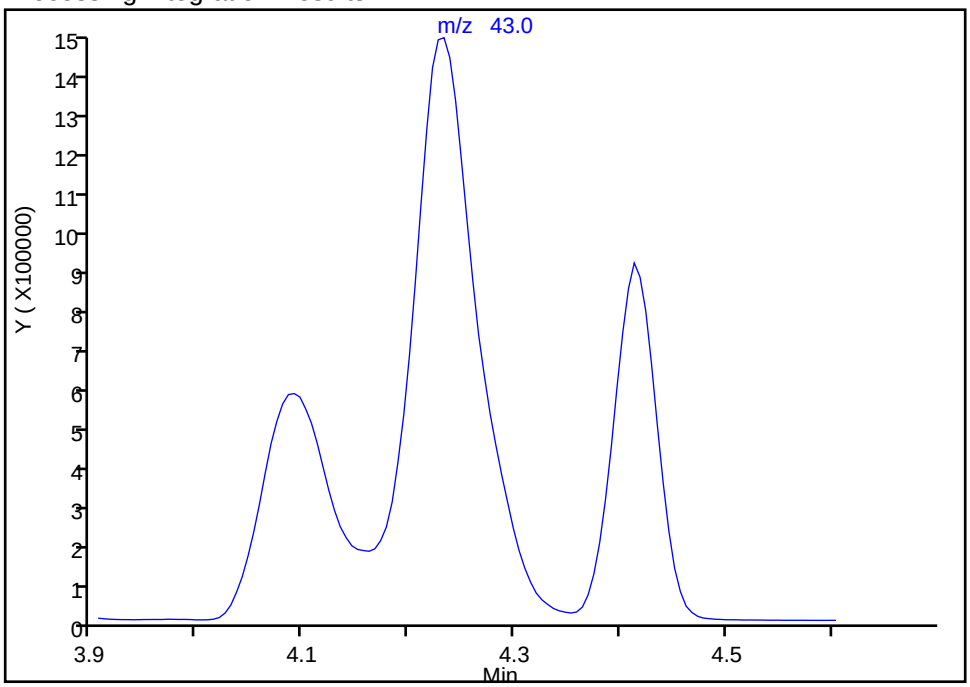
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

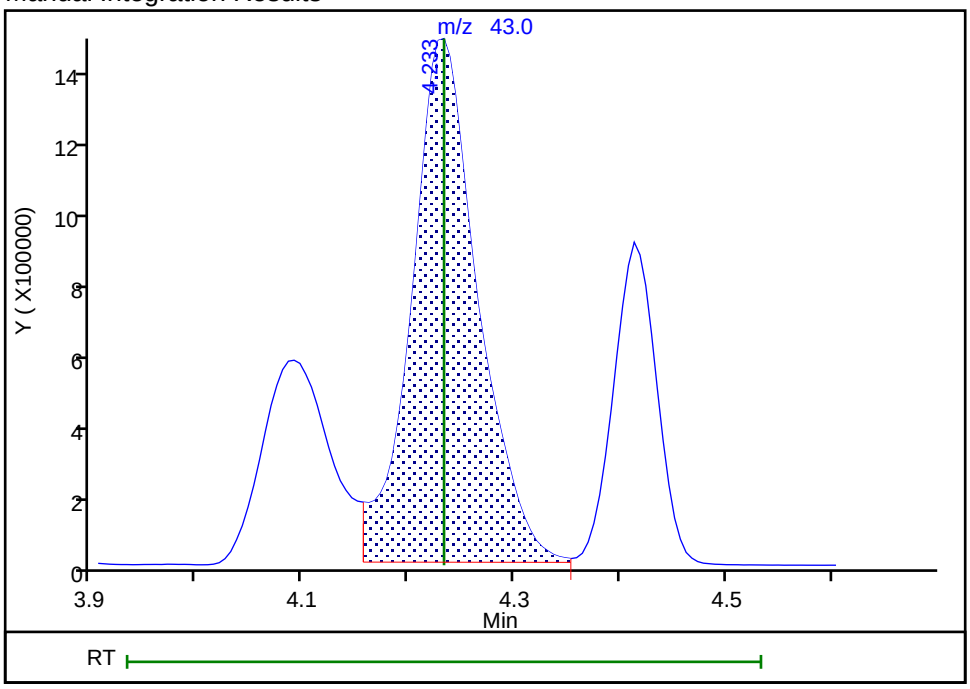
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 6282086
Amount: 442.6994
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:56:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

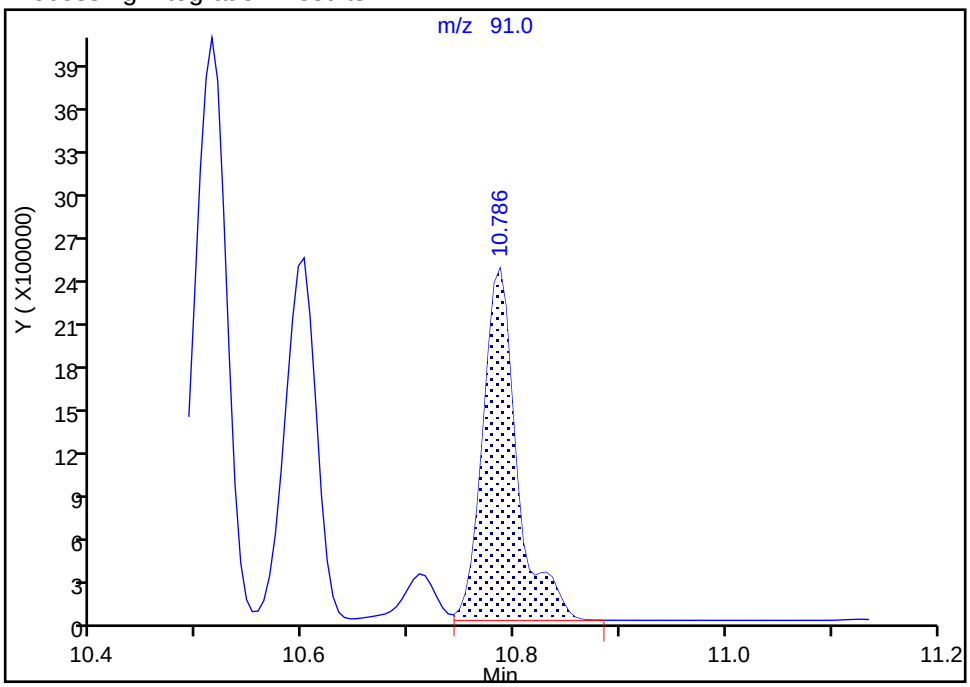
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

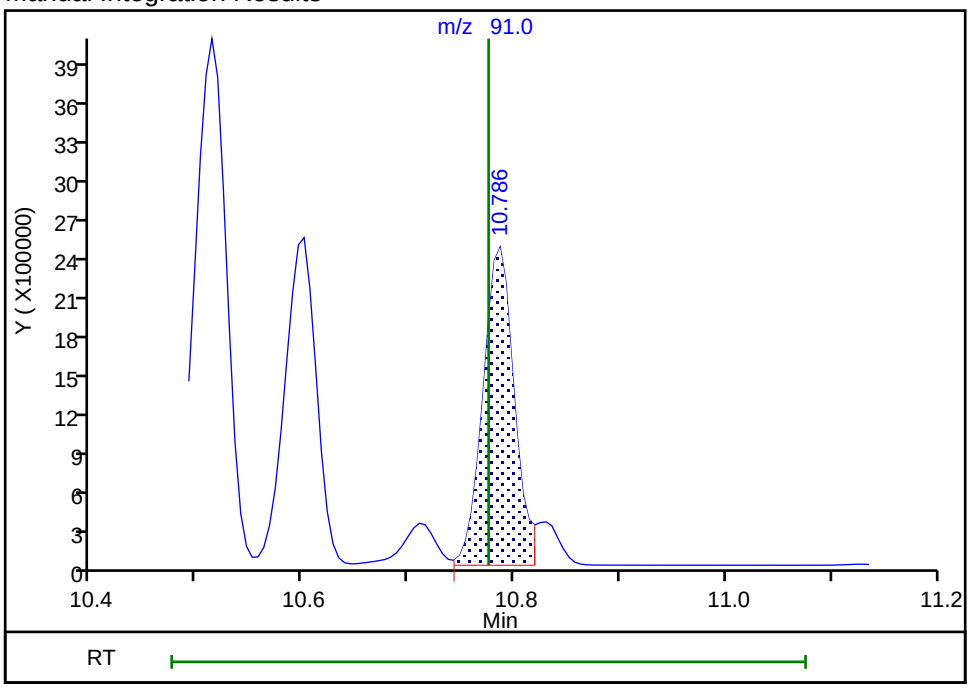
Processing Integration Results

RT: 10.79
Area: 5477589
Amount: 537.6198
Amount Units: ug/l



Manual Integration Results

RT: 10.79
Area: 5022694
Amount: 500.4199
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:02
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

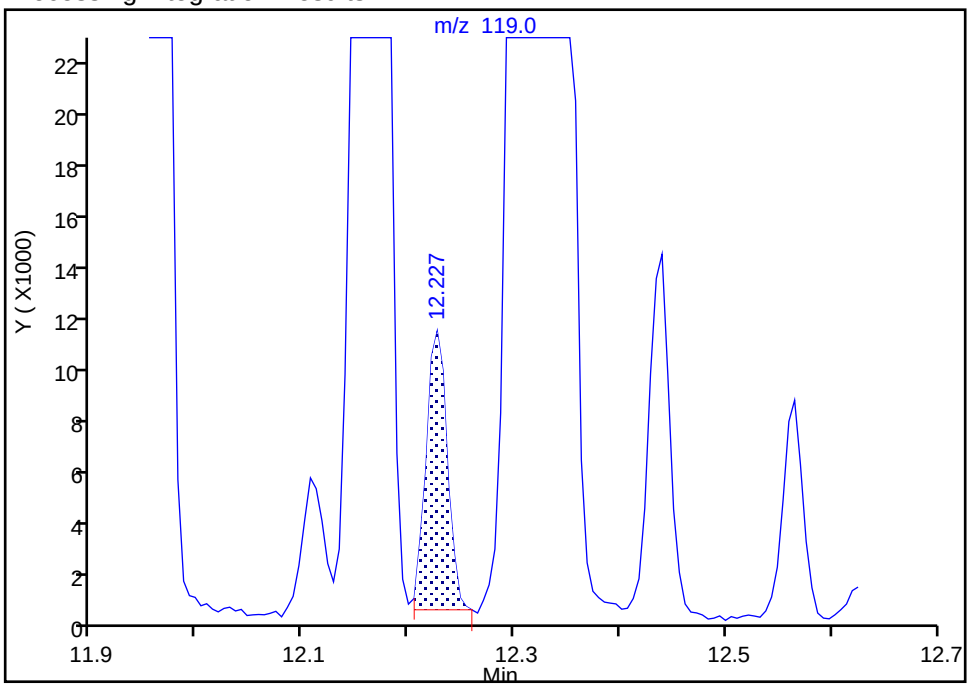
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

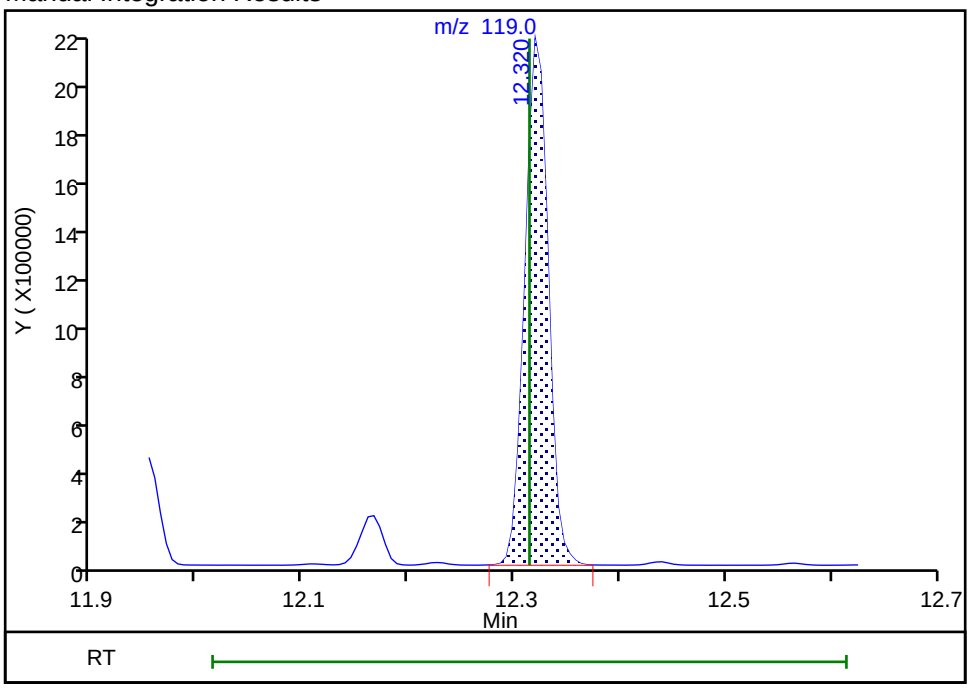
Processing Integration Results

RT: 12.23
Area: 14669
Amount: 2.536255
Amount Units: ug/l



Manual Integration Results

RT: 12.32
Area: 3253558
Amount: 474.0478
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

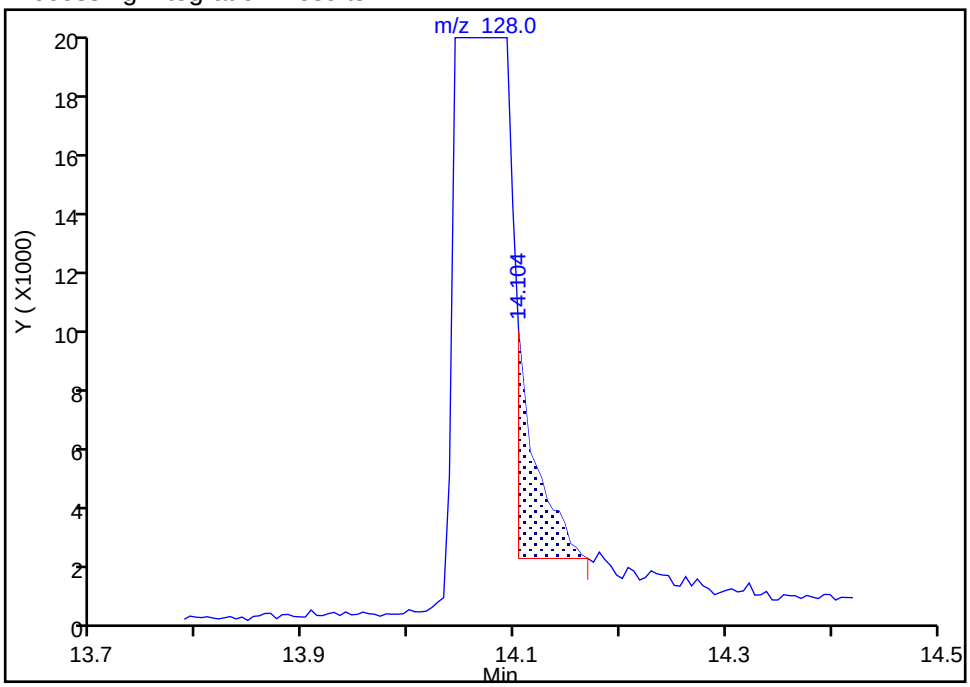
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Signal: 1

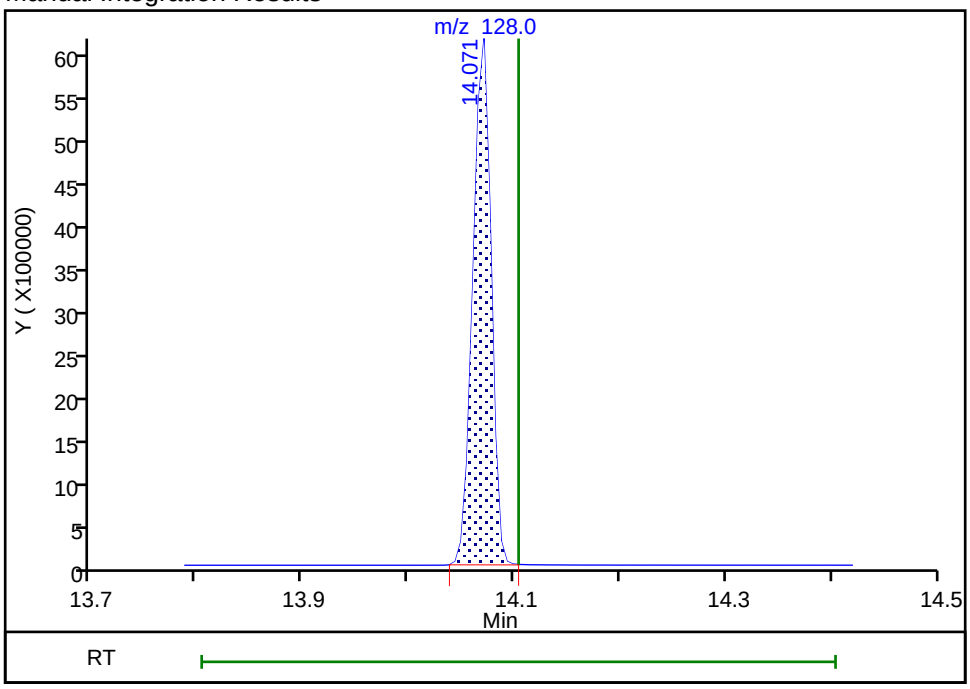
Processing Integration Results

RT: 14.10
Area: 9771
Amount: 0.687276
Amount Units: ug/l



Manual Integration Results

RT: 14.07
Area: 7301152
Amount: 491.1872
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

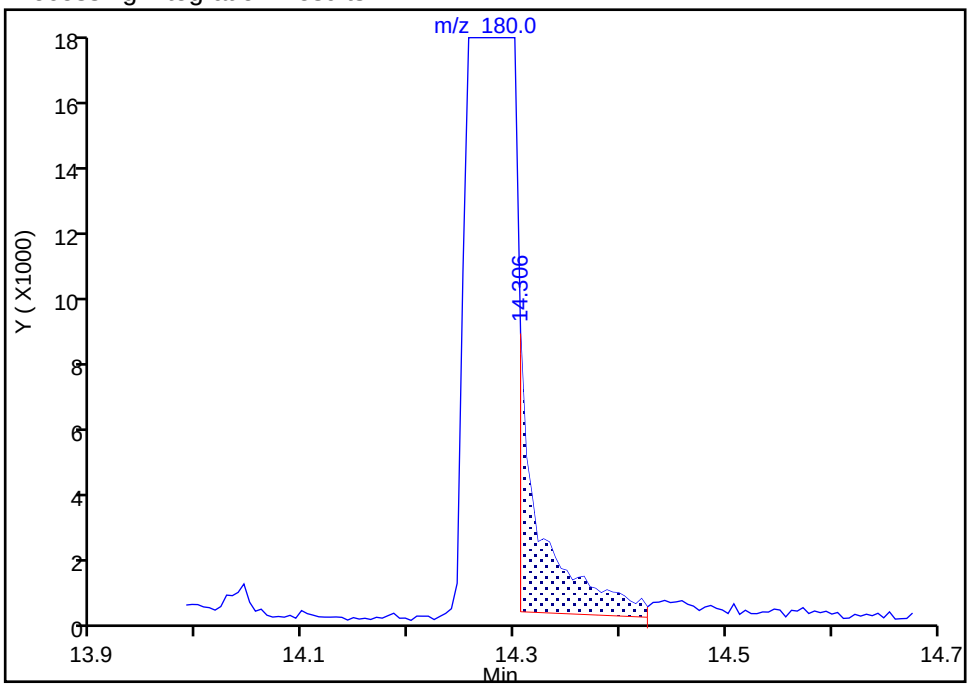
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D
Injection Date: 26-Aug-2020 22:33:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

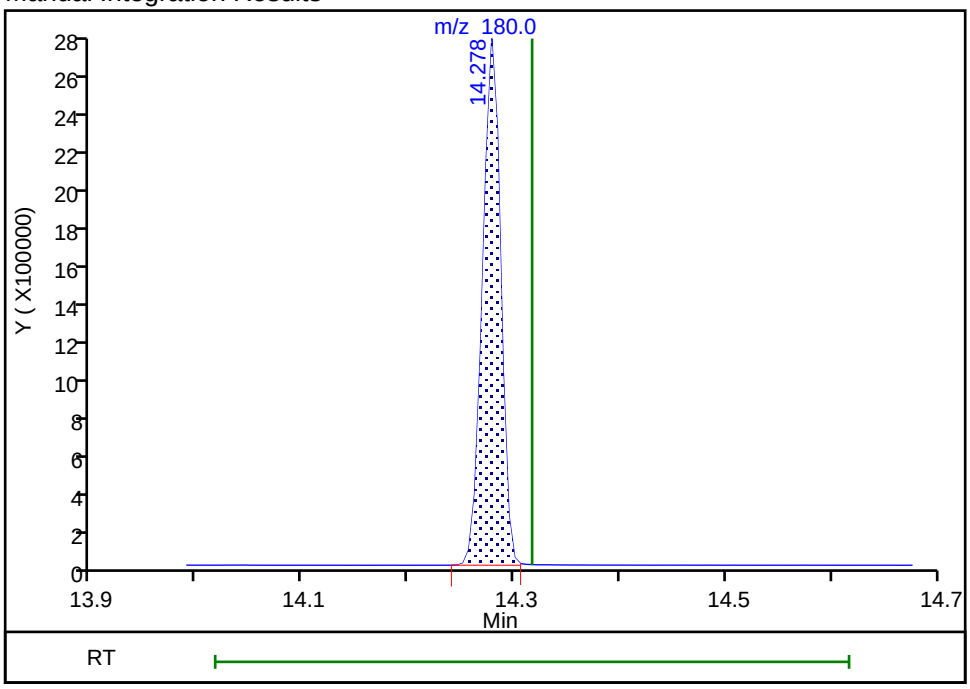
Processing Integration Results

RT: 14.31
Area: 11805
Amount: 2.130829
Amount Units: ug/l



Manual Integration Results

RT: 14.28
Area: 3237545
Amount: 489.3994
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 13:57:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0757	0.0733		19.4	20.0	-3.2	30.0
Monochloropentafluoroethane	Ave	0.0165	0.0151		18.3	20.0	-8.7	30.0
Dichlorodifluoromethane	Ave	0.4043	0.3254	0.1000	16.1	20.0	-19.5	30.0
1,1-Difluoroethane	Ave	0.1477	0.1287		17.4	20.0	-12.9	30.0
Chlorodifluoromethane	Ave	0.0560	0.0509		18.2	20.0	-9.1	30.0
Butadiene	Ave	0.3405	0.3055		17.9	20.0	-10.3	30.0
Vinyl chloride	Ave	0.3801	0.3314	0.1000	17.4	20.0	-12.8	30.0
Chloromethane	Ave	0.5080	0.4346	0.1000	17.1	20.0	-14.5	30.0
Bromomethane	QuaF		2.182	0.1000	18.1	20.0	-9.5	30.0
Chloroethane	Ave	0.2774	0.2830	0.1000	20.4	20.0	2.0	30.0
Pentane	Ave	3.043	3.881		51.0	40.0	27.6	30.0
Trichlorofluoromethane	Ave	0.4862	0.4772	0.1000	19.6	20.0	-1.8	30.0
Dichlorofluoromethane	Ave	0.5883	0.5605		19.1	20.0	-4.7	30.0
2-Methyl-1,3-butadiene	Ave	0.4961	0.4699		18.9	20.0	-5.3	30.0
Ethyl ether	Ave	0.2665	0.2597		19.5	20.0	-2.5	30.0
1,1-Dichloroethene	Ave	0.2829	0.2777	0.1000	19.6	20.0	-1.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4314	0.4125		19.1	20.0	-4.4	30.0
Ethanol	QuaF		0.0833		830	800	3.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2841	0.2762	0.1000	19.4	20.0	-2.8	30.0
Carbon disulfide	Ave	1.049	0.9642	0.1000	18.4	20.0	-8.1	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4484	0.4053		18.1	20.0	-9.6	30.0
Iodomethane	QuaF		0.1481		8.68	20.0	-56.6*	30.0
Cyclopentene	Ave	0.7861	0.7682		19.5	20.0	-2.3	30.0
Acrolein	Ave	1.465	0.5926		16.2	40.1	-59.6*	30.0
Allyl chloride	Ave	0.1761	0.1677		19.0	20.0	-4.8	30.0
Isopropyl alcohol	Ave	0.7617	0.8017		210	200	5.2	30.0
Methylene Chloride	Ave	0.3427	0.3617	0.1000	21.1	20.0	5.5	30.0
Acetone	Ave	0.8884	0.8329	0.0500	93.8	100	-6.2	30.0
trans-1,2-Dichloroethene	Ave	0.3146	0.3114	0.1000	19.8	20.0	-1.0	30.0
Methyl acetate	Ave	8.130	9.087	0.1000	44.7	40.0	11.8	30.0
Hexane	Ave	0.0726	0.0727		20.0	20.0	0.1	30.0
Methyl tert-butyl ether	Ave	0.7911	0.7695	0.1000	19.5	20.0	-2.7	30.0
2-Methyl-2-propanol	QuaF		0.9674		171	200	-14.5	30.0
Acetonitrile	Ave	1.508	1.302		173	200	-13.7	30.0
Isopropyl ether	Ave	0.8415	0.8124		19.3	20.0	-3.5	30.0
2-Chloro-1,3-butadiene	Ave	0.2416	0.2194		18.2	20.0	-9.2	30.0
1,1-Dichloroethane	Ave	0.4890	0.4636	0.2000	19.0	20.0	-5.2	30.0
Acrylonitrile	Ave	0.0799	0.0695		174	200	-13.0	30.0
Tert-butyl ethyl ether	Ave	0.7717	0.7016		18.2	20.0	-9.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Vinyl acetate	Ave	0.5046	0.4660		36.9	40.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2834	0.1000	19.7	20.0	-1.4	30.0
2,2-Dichloropropane	Ave	0.3392	0.3331		19.6	20.0	-1.8	30.0
Cyclohexane	Ave	0.4349	0.4125	0.1000	19.0	20.0	-5.2	30.0
Chlorobromomethane	Ave	0.1314	0.1258		19.1	20.0	-4.3	30.0
Chloroform	Ave	0.4625	0.4396	0.2000	19.0	20.0	-5.0	30.0
Carbon tetrachloride	Ave	0.2887	0.2689	0.1000	18.6	20.0	-6.9	30.0
Ethyl acetate	Ave	0.3082	0.3150		40.9	40.0	2.2	30.0
Methyl acrylate	Ave	0.1781	0.1647		18.5	20.0	-7.5	30.0
Tetrahydrofuran	Ave	1.049	0.9744		37.2	40.0	-7.1	30.0
1,1,1-Trichloroethane	Ave	0.3726	0.3608	0.1000	19.4	20.0	-3.2	30.0
1,1-Dichloropropene	Ave	0.3768	0.3396		18.0	20.0	-9.9	30.0
2-Butanone (MEK)	Ave	0.3302	0.3165	0.0500	95.9	100	-4.1	30.0
2,2,4-Trimethylpentane	Ave	0.6407	0.6029		18.8	20.0	-5.9	30.0
n-Heptane	Ave	0.1605	0.1490		18.6	20.0	-7.1	30.0
Benzene	Ave	1.522	1.523	0.5000	20.0	20.0	0.0	30.0
Propionitrile	Ave	1.591	1.458		183	200	-8.4	30.0
Methacrylonitrile	Ave	0.0911	0.0813		178	200	-10.8	30.0
Tert-amyl methyl ether	Ave	0.6442	0.6053		18.8	20.0	-6.0	30.0
1,2-Dichloroethane	Ave	0.3475	0.3169	0.1000	18.2	20.0	-8.8	30.0
Isobutyl alcohol	Ave	0.3718	0.3340		449	500	-10.2	30.0
Isopropyl acetate	Ave	0.3948	0.3665		18.6	20.0	-7.2	30.0
Methylcyclohexane	Ave	0.4079	0.3886	0.1000	19.1	20.0	-4.7	30.0
Trichloroethene	Ave	0.2672	0.2493	0.2000	18.7	20.0	-6.7	30.0
Dibromomethane	Ave	0.1508	0.1450		19.2	20.0	-3.8	30.0
n-Butanol	QuaF		0.1914		387	500	-22.5	30.0
1,2-Dichloropropane	Ave	0.2646	0.2562	0.1000	19.4	20.0	-3.2	30.0
Dichlorobromomethane	Ave	0.3295	0.3152	0.2000	19.1	20.0	-4.3	30.0
Ethyl acrylate	Qua2		0.2081		18.7	20.0	-6.7	30.0
Methyl methacrylate	Ave	0.0516	0.0490		38.0	40.0	-4.9	30.0
1,4-Dioxane	Ave	1.331	1.348		405	400	1.3	30.0
n-Propyl acetate	Qua2		0.2370		18.9	20.0	-5.5	30.0
2-Chloroethyl vinyl ether	Ave	0.0312	0.0171		11.0	20.0	-45.1*	30.0
cis-1,3-Dichloropropene	Ave	0.5259	0.5286	0.2000	20.1	20.0	0.5	30.0
Toluene	Ave	1.557	1.508	0.4000	19.4	20.0	-3.1	30.0
Epichlorohydrin	Ave	0.1344	0.1103		16.4	20.0	-17.9	30.0
2-Nitropropane	Ave	0.0465	0.0377		32.4	40.0	-19.0	30.0
Tetrachloroethene	Ave	0.3637	0.3560	0.2000	19.6	20.0	-2.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.175	2.165	0.0500	99.5	100	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.4655	0.4409	0.1000	18.9	20.0	-5.3	30.0
1,1,2-Trichloroethane	Ave	0.2471	0.2453	0.1000	19.9	20.0	-0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methacrylate	Qua2		0.2190		17.4	20.0	-12.8	30.0
Chlorodibromomethane	Ave	0.2983	0.3074	0.1000	20.6	20.0	3.0	30.0
1,3-Dichloropropane	Ave	0.5048	0.5031		19.9	20.0	-0.3	30.0
Ethylene Dibromide	Ave	0.2717	0.2827	0.1000	20.8	20.0	4.1	30.0
n-Butyl acetate	Qua2		0.3142		16.4	20.0	-17.8	30.0
2-Hexanone	QuaF		1.545	0.0500	95.6	100	-4.4	30.0
Chlorobenzene	Ave	0.9760	0.9404	0.5000	19.3	20.0	-3.6	30.0
Ethylbenzene	Ave	0.5403	0.5034	0.1000	18.6	20.0	-6.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3037	0.3011		19.8	20.0	-0.8	30.0
m-Xylene & p-Xylene	Ave	0.6483	0.6118	0.1000	18.9	20.0	-5.6	30.0
o-Xylene	Ave	0.6039	0.6056	0.3000	20.1	20.0	0.3	30.0
Bromoform	Qua2		0.1689	0.1000	20.3	20.0	1.4	30.0
Styrene	Ave	0.9843	1.030	0.3000	20.9	20.0	4.7	30.0
n-Butyl acrylate	Qua2		0.1875		18.8	20.0	-5.9	30.0
Isopropylbenzene	Ave	1.630	1.591	0.1000	19.5	20.0	-2.4	30.0
Amyl acetate (mixed isomers)	Qua2		0.8001		18.5	20.0	-7.5	30.0
Bromobenzene	Ave	0.7652	0.7229		18.9	20.0	-5.5	30.0
N-Propylbenzene	Ave	3.576	3.538		19.8	20.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6249	0.5908	0.3000	18.9	20.0	-5.5	30.0
2-Chlorotoluene	Ave	2.500	2.400		19.2	20.0	-4.0	30.0
4-Ethyltoluene	Ave	2.979	2.952		19.8	20.0	-0.9	30.0
1,2,3-Trichloropropane	Ave	0.1758	0.1662		18.9	20.0	-5.5	30.0
1,3,5-Trimethylbenzene	Ave	2.482	2.405		19.4	20.0	-3.1	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.1273		15.3	20.0	-23.3	30.0
4-Chlorotoluene	Ave	2.230	2.206		19.8	20.0	-1.1	30.0
tert-Butylbenzene	Ave	2.058	2.043		19.9	20.0	-0.7	30.0
1,2,4-Trimethylbenzene	Ave	2.519	2.485		19.7	20.0	-1.4	30.0
Butyl Methacrylate	Qua2		0.6738		19.0	20.0	-5.0	30.0
sec-Butylbenzene	Ave	3.208	3.143		19.6	20.0	-2.0	30.0
1,3-Dichlorobenzene	Ave	1.451	1.440	0.6000	19.8	20.0	-0.8	30.0
4-Isopropyltoluene	Ave	2.622	2.645		20.2	20.0	0.9	30.0
1,4-Dichlorobenzene	Ave	1.588	1.517	0.5000	19.1	20.0	-4.5	30.0
1,2,3-Trimethylbenzene	Ave	2.643	2.629		19.9	20.0	-0.5	30.0
Indan	Ave	2.629	2.686		20.4	20.0	2.2	30.0
Benzyl chloride	Qua2		0.1595		18.6	20.0	-6.9	30.0
p-Diethylbenzene	Ave	1.336	1.386		20.7	20.0	3.7	30.0
n-Butylbenzene	Ave	2.495	2.426		19.4	20.0	-2.8	30.0
1,2-Dichlorobenzene	Ave	1.456	1.372	0.4000	18.9	20.0	-5.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.489		20.4	20.0	1.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1152	0.1129	0.0500	19.6	20.0	-2.0	30.0
1,3,5-Trichlorobenzene	Ave	1.113	1.128		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.9710	1.014	0.2000	20.9	20.0	4.4	30.0
Hexachlorobutadiene	Ave	0.3609	0.3838		21.3	20.0	6.3	30.0
Naphthalene	Ave	1.960	2.133		21.8	20.0	8.8	30.0
1,2,3-Trichlorobenzene	Ave	0.9118	0.9393		20.6	20.0	3.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2337	0.2254		48.2	50.0	-3.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2803	0.2656		47.4	50.0	-5.2	30.0
Toluene-d8 (Surr)	Ave	1.212	1.226		50.6	50.0	1.1	30.0
4-Bromofluorobenzene	Ave	0.4000	0.3982		49.8	50.0	-0.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 09-Jul-2020 13:40:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0112940-019
Operator ID: Instrument ID: CVOAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jul-2020 20:44:49 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: starzecm Date: 09-Jul-2020 14:50:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	95	18265	20.0	19.4	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	68	3754	20.0	18.3	Ma
3 Dichlorodifluoromethane	85	0.778	0.771	0.007	99	81100	20.0	16.1	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	98	32069	20.0	17.4	
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	97	12692	20.0	18.2	
7 Vinyl chloride	62	0.900	0.900	0.000	98	82598	20.0	17.4	
6 Chloromethane	50	0.907	0.900	0.007	92	108295	20.0	17.1	
8 Butadiene	54	0.900	0.900	0.000	91	76139	20.0	17.9	
9 Bromomethane	94	1.043	1.043	0.000	99	40883	20.0	18.1	
10 Chloroethane	64	1.100	1.100	0.000	100	70531	20.0	20.4	
11 Pentane	72	1.158	1.158	0.000	96	33571	40.0	51.0	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	56	118935	20.0	19.6	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	98	139670	20.0	19.1	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	96	117095	20.0	18.9	
15 Ethyl ether	59	1.308	1.308	0.000	94	64710	20.0	19.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	70	102799	20.0	19.1	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	69213	20.0	19.6	
19 Carbon disulfide	76	1.423	1.415	0.008	100	240290	20.0	18.4	
16 Ethanol	46	1.415	1.415	0.000	28	14419	800.0	830.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	82	68826	20.0	19.4	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	100998	20.0	18.1	
22 Iodomethane	142	1.480	1.473	0.007	99	36900	20.0	8.68	
23 Cyclopentene	67	1.552	1.552	0.000	97	191446	20.0	19.5	
24 Acrolein	56	1.573	1.573	0.000	92	5133	40.1	16.2	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	90	41795	20.0	19.0	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	34672	200.0	210.5	
27 Methylene Chloride	84	1.702	1.702	0.000	94	90140	20.0	21.1	
28 Acetone	43	1.731	1.731	0.000	86	78021	100.0	93.8	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	77596	20.0	19.8	
30 Methyl acetate	43	1.795	1.795	0.000	99	78603	40.0	44.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.831	1.824	0.007	89	18123	20.0	20.0	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	90	191775	20.0	19.5	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	216247	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.910	1.917	-0.007	98	41840	200.0	171.0	
35 Acetonitrile	41	1.988	1.989	-0.001	99	56309	200.0	172.7	
36 Isopropyl ether	45	2.067	2.067	0.000	96	202466	20.0	19.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	54685	20.0	18.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	115530	20.0	19.0	
39 Acrylonitrile	53	2.168	2.168	0.000	93	173101	200.0	174.0	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	174852	20.0	18.2	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	232274	40.0	36.9	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	98	70617	20.0	19.7	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	95	83013	20.0	19.6	
44 Cyclohexane	56	2.597	2.597	0.000	92	102794	20.0	19.0	
45 Chlorobromomethane	128	2.604	2.605	-0.001	92	31339	20.0	19.1	
46 Chloroform	83	2.662	2.662	0.000	97	109560	20.0	19.0	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	67002	20.0	18.6	
49 Methyl acrylate	55	2.762	2.762	0.000	56	41051	20.0	18.5	
48 Ethyl acetate	70	2.762	2.762	0.000	97	11804	40.0	40.9	
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	36510	40.0	37.2	
$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	140407	50.0	48.2	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	89926	20.0	19.4	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	234175	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	99	29648	100.0	95.9	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	96	84628	20.0	18.0	
56 Isooctane	57	2.970	2.970	0.000	98	150247	20.0	18.8	
58 Benzene	78	3.070	3.063	0.007	96	259799	20.0	20.0	
57 n-Heptane	57	3.063	3.063	0.000	91	37140	20.0	18.6	
59 Propionitrile	54	3.092	3.092	0.000	94	63046	200.0	183.3	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	202592	200.0	178.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	165467	50.0	47.4	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	150850	20.0	18.8	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	78983	20.0	18.2	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	36110	500.0	449.1	
65 t-Amyl alcohol	59	3.371	3.371	0.000	89	21974	200.0	166.4	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	623023	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	91339	20.0	18.6	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	96840	20.0	19.1	
69 Trichloroethene	130	3.550	3.550	0.000	98	62130	20.0	18.7	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	130624	20.0	18.5	
71 Dibromomethane	93	3.908	3.908	0.000	97	36142	20.0	19.2	
72 n-Butanol	56	3.930	3.930	0.000	94	20699	500.0	387.3	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	91	63839	20.0	19.4	
75 Dichlorobromomethane	83	4.080	4.080	0.000	99	78545	20.0	19.1	
74 Ethyl acrylate	55	4.080	4.080	0.000	98	51856	20.0	18.7	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	90	21036	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	88	24443	40.0	38.0	
78 1,4-Dioxane	88	4.281	4.281	0.000	36	11342	400.0	405.2	
79 n-Propyl acetate	43	4.431	4.431	0.000	99	59058	20.0	18.9	
80 2-Chloroethyl vinyl ether	63	4.696	4.696	0.000	92	4266	20.0	11.0	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	95	90156	20.0	20.1	
$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	522788	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	257263	20.0	19.4	
84 Epichlorohydrin	57	5.004	4.983	0.021	90	2067	20.0	16.4	a
85 2-Nitropropane	41	5.205	5.205	0.000	100	18782	40.0	32.4	
86 Tetrachloroethene	166	5.377	5.369	0.008	98	60721	20.0	19.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	202750	100.0	99.5	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	98	75203	20.0	18.9	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	94	41837	20.0	19.9	
90 Ethyl methacrylate	69	5.713	5.713	0.000	88	54571	20.0	17.4	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	52423	20.0	20.6	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	85802	20.0	19.9	
93 Ethylene Dibromide	107	6.057	6.057	0.000	100	48221	20.0	20.8	
94 n-Butyl acetate	43	6.408	6.415	-0.007	99	53592	20.0	16.4	
95 2-Hexanone	43	6.473	6.473	0.000	96	144755	100.0	95.6	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	426390	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	160392	20.0	19.3	
98 Ethylbenzene	106	6.845	6.845	0.000	99	85866	20.0	18.6	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	51354	20.0	19.8	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	104346	20.0	18.9	
101 o-Xylene	106	7.640	7.640	0.000	93	103296	20.0	20.1	
102 Bromoform	173	7.705	7.705	0.000	94	28814	20.0	20.3	
103 Styrene	104	7.726	7.733	-0.007	95	175721	20.0	20.9	
104 n-Butyl acrylate	73	8.070	8.070	0.000	97	31984	20.0	18.8	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	271421	20.0	19.5	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	89	75631	20.0	18.5	
$ 107 4-Bromofluorobenzene	174	8.492	8.493	-0.001	90	169771	50.0	49.8	
108 Bromobenzene	156	8.600	8.600	0.000	98	68332	20.0	18.9	
109 N-Propylbenzene	91	8.750	8.758	-0.008	99	334459	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	55841	20.0	18.9	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	226870	20.0	19.2	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	279027	20.0	19.8	
113 1,2,3-Trichloropropane	110	9.030	9.037	-0.007	97	15705	20.0	18.9	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	227354	20.0	19.4	
115 trans-1,4-Dichloro-2-butene	53	9.173	9.173	0.000	77	12037	20.0	15.3	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	208562	20.0	19.8	
117 tert-Butylbenzene	119	9.560	9.560	0.000	93	193084	20.0	19.9	
118 1,2,4-Trimethylbenzene	105	9.689	9.696	-0.007	98	234879	20.0	19.7	
119 Butyl Methacrylate	87	9.710	9.710	0.000	95	63689	20.0	19.0	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	99	297103	20.0	19.6	
121 1,3-Dichlorobenzene	146	10.111	10.111	0.000	96	136073	20.0	19.8	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	98	250014	20.0	20.2	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	236306	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	95	143357	20.0	19.1	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	248481	20.0	19.9	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	253909	20.0	20.4	
127 Benzyl chloride	126	10.727	10.727	0.000	96	15074	20.0	18.6	
128 p-Diethylbenzene	119	10.742	10.742	0.000	92	131040	20.0	20.7	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	229291	20.0	19.4	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	129684	20.0	18.9	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	235231	20.0	20.4	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	92	10672	20.0	19.6	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	106658	20.0	20.3	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	93	95846	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	36275	20.0	21.3	
136 Naphthalene	128	13.134	13.127	0.007	99	201631	20.0	21.8	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	95	88787	20.0	20.6	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.0	
S 140 Xylenes, Total	100				0		40.0	38.9	
S 142 Total BTEX	1				0		100.0	97.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00363	Amount Added: 20.00	Units: uL		
8260 SP_00127	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00114	Amount Added: 4.00	Units: uL		
8FreonsSS_00021	Amount Added: 20.00	Units: uL		
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 09-Jul-2020 20:45:12 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D

Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13 Operator ID:

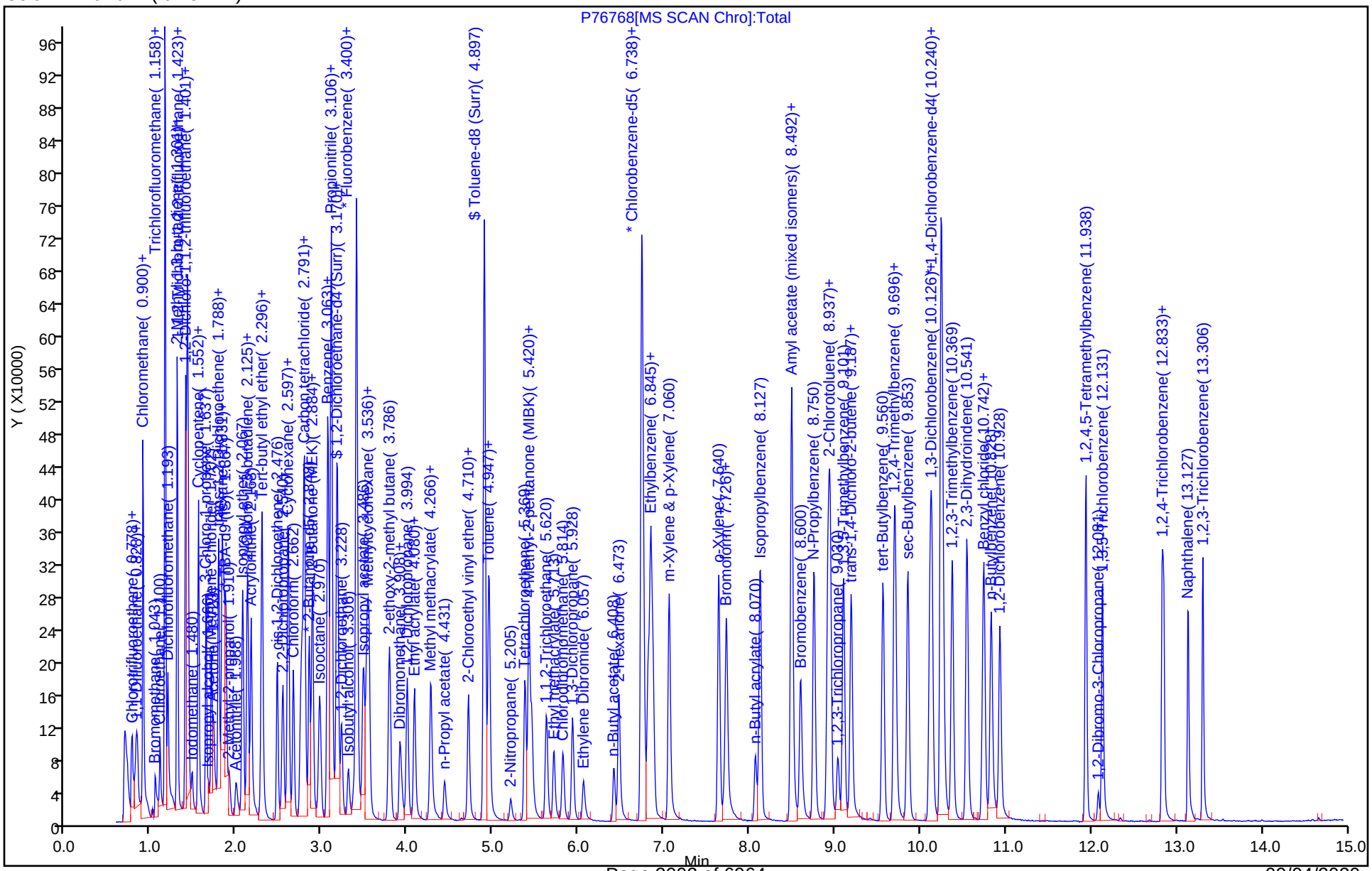
Lims ID: ICV Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

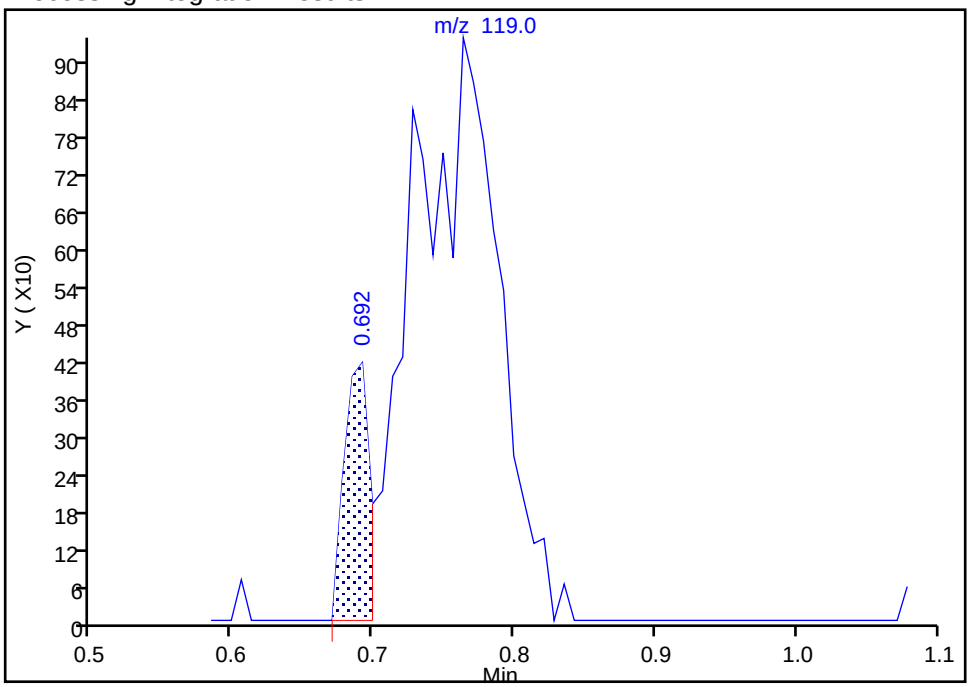
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

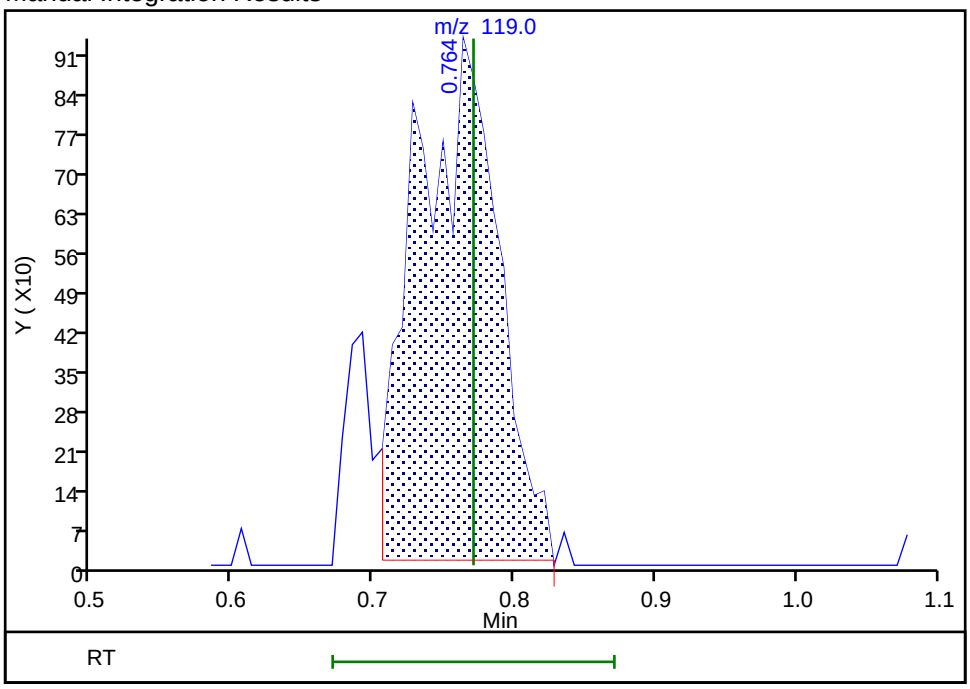
Processing Integration Results

RT: 0.69
Area: 521
Amount: 3.469783
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 3754
Amount: 18.254905
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:39:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

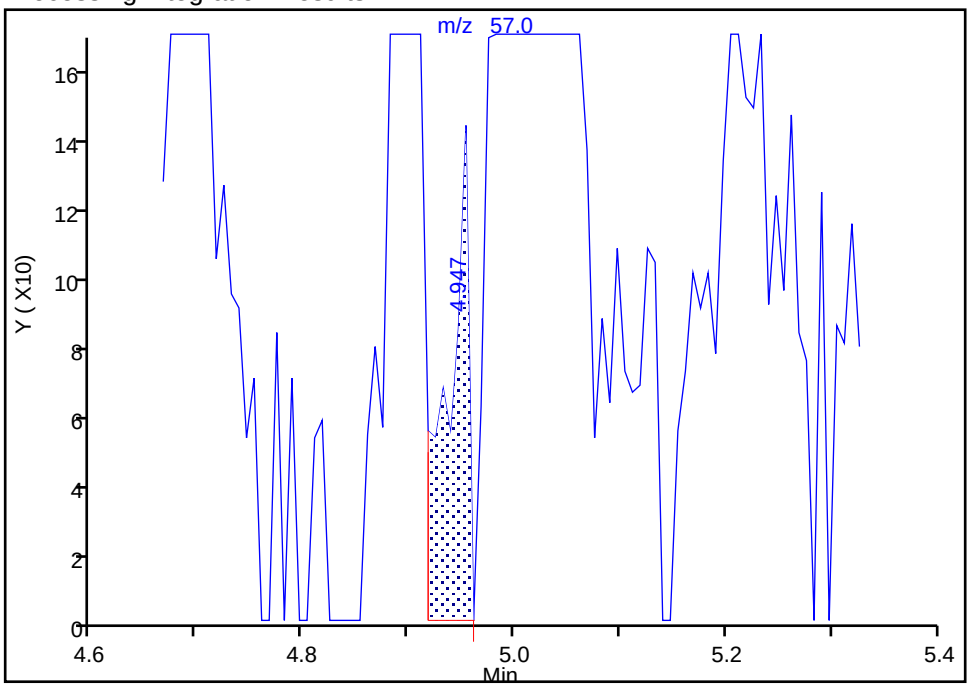
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

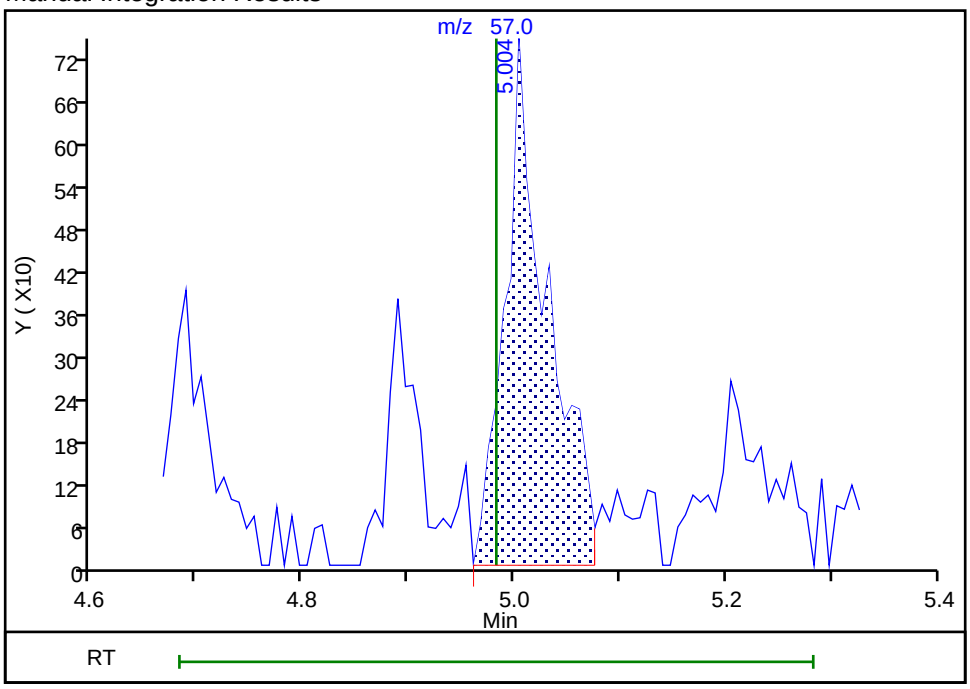
Processing Integration Results

RT: 4.95
Area: 193
Amount: 1.533361
Amount Units: ug/l



Manual Integration Results

RT: 5.00
Area: 2067
Amount: 16.422059
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 20:40:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721282/4 Calibration Date: 09/02/2020 08:42

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P79260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4043	0.4152	0.1000	20.5	20.0	2.7	20.0
Butadiene	Ave	0.3405	0.3918		23.0	20.0	15.1	20.0
Chloromethane	Ave	0.5080	0.5112	0.1000	20.1	20.0	0.6	20.0
Vinyl chloride	Ave	0.3801	0.3919	0.1000	20.6	20.0	3.1	20.0
Bromomethane	QuaF		2.358	0.1000	19.6	20.0	-2.2	50.0
Chloroethane	Ave	0.2774	0.2107	0.1000	15.2	20.0	-24.1	50.0
Pentane	Ave	3.043	4.535		59.6	40.0	49.0*	20.0
Trichlorofluoromethane	Ave	0.4862	0.3998	0.1000	16.4	20.0	-17.8	20.0
Dichlorofluoromethane	Ave	0.5883	0.4758		16.2	20.0	-19.1	20.0
2-Methyl-1,3-butadiene	Ave	0.4961	0.4264		17.2	20.0	-14.0	20.0
Ethyl ether	Ave	0.2665	0.1846		13.9	20.0	-30.7*	20.0
1,1-Dichloroethene	Ave	0.2829	0.2734	0.1000	19.3	20.0	-3.4	20.0
Ethanol	QuaF		0.0802		799	800	-0.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2841	0.2668	0.1000	18.8	20.0	-6.1	20.0
Carbon disulfide	Ave	1.049	0.9218	0.1000	17.6	20.0	-12.2	50.0
Iodomethane	QuaF		0.2231		13.1	20.0	-34.6*	20.0
Cyclopentene	Ave	0.7861	0.7260		18.5	20.0	-7.6	20.0
Acrolein	Ave	1.465	1.606		43.8	40.0	9.6	50.0
Allyl chloride	Ave	0.1761	0.1606		18.2	20.0	-8.8	20.0
Isopropyl alcohol	Ave	0.7617	0.7981		210	200	4.8	50.0
Methylene Chloride	Ave	0.3427	0.3006	0.1000	17.5	20.0	-12.3	20.0
Acetone	Ave	0.8884	0.7020	0.0500	79.0	100	-21.0	50.0
trans-1,2-Dichloroethene	Ave	0.3146	0.2943	0.1000	18.7	20.0	-6.5	20.0
Methyl acetate	Ave	8.130	8.735	0.1000	43.0	40.0	7.4	20.0
Hexane	Ave	0.0726	0.0869		23.9	20.0	19.6	20.0
Methyl tert-butyl ether	Ave	0.7911	0.5960	0.1000	15.1	20.0	-24.7*	20.0
2-Methyl-2-propanol	QuaF		1.233		218	200	9.0	50.0
Acetonitrile	Ave	1.508	1.714		227	200	13.6	20.0
Isopropyl ether	Ave	0.8415	0.9286		22.1	20.0	10.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2416	0.2757		22.8	20.0	14.1	20.0
1,1-Dichloroethane	Ave	0.4890	0.5256	0.2000	21.5	20.0	7.5	20.0
Acrylonitrile	Ave	0.0799	0.0704		176	200	-11.9	20.0
Tert-butyl ethyl ether	Ave	0.7717	0.7493		19.4	20.0	-2.9	20.0
Vinyl acetate	Ave	0.5046	0.4750		37.7	40.0	-5.9	20.0
cis-1,2-Dichloroethene	Ave	0.2875	0.3039	0.1000	21.1	20.0	5.7	20.0
2,2-Dichloropropane	Ave	0.3392	0.3862		22.8	20.0	13.9	20.0
Cyclohexane	Ave	0.4349	0.5612	0.1000	25.8	20.0	29.0	50.0
Chlorobromomethane	Ave	0.1314	0.1415		21.5	20.0	7.7	20.0
Chloroform	Ave	0.4625	0.4689	0.2000	20.3	20.0	1.4	20.0
Carbon tetrachloride	Ave	0.2887	0.3071	0.1000	21.3	20.0	6.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721282/4 Calibration Date: 09/02/2020 08:42

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P79260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3082	0.3536		45.9	40.0	14.7	20.0
Methyl acrylate	Ave	0.1781	0.1567		17.6	20.0	-12.0	20.0
Tetrahydrofuran	Ave	1.049	1.125		42.9	40.0	7.3	20.0
1,1,1-Trichloroethane	Ave	0.3726	0.4005	0.1000	21.5	20.0	7.5	20.0
1,1-Dichloropropene	Ave	0.3768	0.4173		22.1	20.0	10.7	20.0
2-Butanone (MEK)	Ave	0.3302	0.3795	0.0500	115	100	14.9	50.0
2,2,4-Trimethylpentane	Ave	0.6407	0.9601		30.0	20.0	49.8*	20.0
n-Heptane	Ave	0.1605	0.2416		30.1	20.0	50.5*	20.0
Benzene	Ave	1.522	1.597	0.5000	21.0	20.0	4.9	20.0
Propionitrile	Ave	1.591	2.048		257	200	28.7*	20.0
Methacrylonitrile	Ave	0.0911	0.0798		175	200	-12.4	20.0
Tert-amyl methyl ether	Ave	0.6442	0.6346		19.7	20.0	-1.5	20.0
1,2-Dichloroethane	Ave	0.3475	0.3007	0.1000	17.3	20.0	-13.5	20.0
Isobutyl alcohol	Ave	0.3718	0.5157		693	500	38.7	50.0
Isopropyl acetate	Ave	0.3948	0.3706		18.8	20.0	-6.1	20.0
Methylcyclohexane	Ave	0.4079	0.5471	0.1000	26.8	20.0	34.1	50.0
Trichloroethene	Ave	0.2672	0.3151	0.2000	23.6	20.0	17.9	20.0
Dibromomethane	Ave	0.1508	0.1382		18.3	20.0	-8.4	20.0
n-Butanol	QuaF		0.3046		615	500	23.0	50.0
1,2-Dichloropropane	Ave	0.2646	0.2901	0.1000	21.9	20.0	9.7	20.0
Dichlorobromomethane	Ave	0.3295	0.3223	0.2000	19.6	20.0	-2.2	20.0
Ethyl acrylate	Qua2		0.2205		19.7	20.0	-1.3	20.0
Methyl methacrylate	Ave	0.0516	0.0487		37.7	40.0	-5.6	20.0
1,4-Dioxane	Ave	1.331	1.429		430	400	7.4	50.0
n-Propyl acetate	Qua2		0.2316		18.5	20.0	-7.5	20.0
2-Chloroethyl vinyl ether	Ave	0.0312	0.0105		6.74	20.0	-66.4*	20.0
cis-1,3-Dichloropropene	Ave	0.5259	0.5285	0.2000	20.1	20.0	0.5	50.0
Toluene	Ave	1.557	1.657	0.4000	21.3	20.0	6.4	20.0
Epichlorohydrin	Ave	0.1344	0.0451		134	400	-66.4*	20.0
2-Nitropropane	Ave	0.0465	0.0309		26.5	40.0	-33.6*	20.0
Tetrachloroethene	Ave	0.3637	0.4183	0.2000	23.0	20.0	15.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.175	2.669	0.0500	123	100	22.7	50.0
trans-1,3-Dichloropropene	Ave	0.4655	0.4288	0.1000	18.4	20.0	-7.9	50.0
1,1,2-Trichloroethane	Ave	0.2471	0.2221	0.1000	18.0	20.0	-10.1	20.0
Ethyl methacrylate	Qua2		0.2446		19.4	20.0	-3.0	20.0
Chlorodibromomethane	Ave	0.2983	0.2780	0.1000	18.6	20.0	-6.8	50.0
1,3-Dichloropropane	Ave	0.5048	0.4658		18.5	20.0	-7.7	20.0
Ethylene Dibromide	Ave	0.2717	0.2490	0.1000	18.3	20.0	-8.4	20.0
n-Butyl acetate	Qua2		0.3100		16.2	20.0	-18.9	20.0
2-Hexanone	QuaF		1.796	0.0500	111	100	11.1	50.0
Chlorobenzene	Ave	0.9760	1.036	0.5000	21.2	20.0	6.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721282/4 Calibration Date: 09/02/2020 08:42

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P79260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.5403	0.5887	0.1000	21.8	20.0	9.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3037	0.3152		20.8	20.0	3.8	20.0
m-Xylene & p-Xylene	Ave	0.6483	0.7191	0.1000	22.2	20.0	10.9	20.0
o-Xylene	Ave	0.6039	0.6859	0.3000	22.7	20.0	13.6	20.0
Bromoform	Qua2		0.1544	0.1000	18.6	20.0	-7.1	20.0
Styrene	Ave	0.9843	1.131	0.3000	23.0	20.0	14.9	20.0
n-Butyl acrylate	Qua2		0.1821		18.3	20.0	-8.5	20.0
Isopropylbenzene	Ave	1.630	1.809	0.1000	22.2	20.0	11.0	20.0
Amyl acetate (mixed isomers)	Qua2		0.7019		16.3	20.0	-18.5	20.0
Bromobenzene	Ave	0.7652	0.7793		20.4	20.0	1.8	20.0
N-Propylbenzene	Ave	3.576	3.809		21.3	20.0	6.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6249	0.5197	0.3000	16.6	20.0	-16.8	20.0
2-Chlorotoluene	Ave	2.500	2.518		20.1	20.0	0.7	20.0
4-Ethyltoluene	Ave	2.979	3.135		21.1	20.0	5.3	20.0
1,2,3-Trichloropropane	Ave	0.1758	0.1417		16.1	20.0	-19.4	20.0
1,3,5-Trimethylbenzene	Ave	2.482	2.590		20.9	20.0	4.4	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.0571		6.91	20.0	-65.4*	20.0
4-Chlorotoluene	Ave	2.230	2.258		20.3	20.0	1.3	20.0
tert-Butylbenzene	Ave	2.058	2.279		22.2	20.0	10.8	20.0
1,2,4-Trimethylbenzene	Ave	2.519	2.654		21.1	20.0	5.4	20.0
Butyl Methacrylate	Qua2		0.6925		19.5	20.0	-2.4	20.0
sec-Butylbenzene	Ave	3.208	3.523		22.0	20.0	9.8	20.0
1,3-Dichlorobenzene	Ave	1.451	1.509	0.6000	20.8	20.0	4.0	20.0
4-Isopropyltoluene	Ave	2.622	2.990		22.8	20.0	14.0	20.0
1,4-Dichlorobenzene	Ave	1.588	1.572	0.5000	19.8	20.0	-1.0	20.0
1,2,3-Trimethylbenzene	Ave	2.643	2.696		20.4	20.0	2.0	20.0
Indan	Ave	2.629	2.616		19.9	20.0	-0.5	20.0
Benzyl chloride	Qua2		0.1804		20.9	20.0	4.6	50.0
p-Diethylbenzene	Ave	1.336	1.485		22.2	20.0	11.2	20.0
n-Butylbenzene	Ave	2.495	2.777		22.3	20.0	11.3	20.0
1,2-Dichlorobenzene	Ave	1.456	1.409	0.4000	19.4	20.0	-3.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.610		21.4	20.0	6.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1152	0.0885	0.0500	15.4	20.0	-23.2	50.0
1,3,5-Trichlorobenzene	Ave	1.113	1.205		21.7	20.0	8.3	20.0
1,2,4-Trichlorobenzene	Ave	0.9710	0.9689	0.2000	20.0	20.0	-0.2	20.0
Hexachlorobutadiene	Ave	0.3609	0.4395		24.4	20.0	21.8*	20.0
Naphthalene	Ave	1.960	1.697		17.3	20.0	-13.4	50.0
1,2,3-Trichlorobenzene	Ave	0.9118	0.8093		17.8	20.0	-11.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2337	0.2333		49.9	50.0	-0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2803	0.2332		41.6	50.0	-16.8	20.0
Toluene-d8 (Surr)	Ave	1.212	1.269		52.3	50.0	4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721282/4 Calibration Date: 09/02/2020 08:42

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P79260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.4000	0.4161		52.0	50.0	4.0	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79260.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Sep-2020 08:42:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0116151-004
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:15:33 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1016

First Level Reviewer: asfawa Date: 03-Sep-2020 10:15:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	98372	20.0	20.5	
8 Butadiene	54	0.892	0.892	0.000	92	92823	20.0	23.0	
6 Chloromethane	50	0.892	0.892	0.000	67	121104	20.0	20.1	
7 Vinyl chloride	62	0.892	0.892	0.000	91	92854	20.0	20.6	
9 Bromomethane	94	1.036	1.036	0.000	99	33281	20.0	19.6	
10 Chloroethane	64	1.093	1.093	0.000	98	49909	20.0	15.2	
11 Pentane	72	1.150	1.150	0.000	96	25724	40.0	59.6	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	60	94720	20.0	16.4	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	112717	20.0	16.2	
14 2-Methyl-1,3-butadiene	67	1.286	1.286	0.000	96	101022	20.0	17.2	
15 Ethyl ether	59	1.294	1.294	0.000	93	43742	20.0	13.9	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	96	64767	20.0	19.3	
16 Ethanol	46	1.401	1.401	0.000	24	9096	800.0	798.6	
19 Carbon disulfide	76	1.408	1.408	0.000	99	218379	20.0	17.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	87	63216	20.0	18.8	
22 Iodomethane	142	1.466	1.466	0.000	95	52843	20.0	13.1	
23 Cyclopentene	67	1.537	1.537	0.000	96	172006	20.0	18.5	
24 Acrolein	56	1.559	1.559	0.000	94	9110	40.0	43.8	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	38040	20.0	18.2	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	22636	200.0	209.6	
27 Methylene Chloride	84	1.695	1.695	0.000	91	71206	20.0	17.5	
28 Acetone	43	1.716	1.716	0.000	87	49540	100.0	79.0	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	92	69712	20.0	18.7	
30 Methyl acetate	43	1.781	1.781	0.000	99	49548	40.0	43.0	
31 Hexane	86	1.817	1.817	0.000	89	20584	20.0	23.9	
32 Methyl tert-butyl ether	73	1.831	1.831	0.000	88	141208	20.0	15.1	
* 33 TBA-d9 (IS)	65	1.859	1.859	0.000	100	141810	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.902	1.902	0.000	100	34981	200.0	218.0	
35 Acetonitrile	41	1.981	1.981	0.000	99	48601	200.0	227.3	
36 Isopropyl ether	45	2.053	2.053	0.000	98	219999	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	89	65304	20.0	22.8	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	124522	20.0	21.5	
39 Acrylonitrile	53	2.153	2.153	0.000	94	166729	200.0	176.3	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	177508	20.0	19.4	
41 Vinyl acetate	43	2.282	2.282	0.000	100	225063	40.0	37.7	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	71998	20.0	21.1	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	91500	20.0	22.8	
44 Cyclohexane	56	2.583	2.583	0.000	92	132942	20.0	25.8	
45 Chlorobromomethane	128	2.590	2.590	0.000	86	33525	20.0	21.5	
46 Chloroform	83	2.647	2.647	0.000	99	111085	20.0	20.3	
47 Carbon tetrachloride	117	2.733	2.733	0.000	98	72744	20.0	21.3	
48 Ethyl acetate	70	2.748	2.748	0.000	98	9980	40.0	45.9	
49 Methyl acrylate	55	2.755	2.755	0.000	87	37122	20.0	17.6	
50 Tetrahydrofuran	42	2.755	2.755	0.000	96	31754	40.0	42.9	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	138171	50.0	49.9	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	97	94882	20.0	21.5	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	176415	250.0	250.0	
54 2-Butanone (MEK)	72	2.869	2.869	0.000	89	26780	100.0	114.9	
55 1,1-Dichloropropene	75	2.869	2.869	0.000	96	98859	20.0	22.1	
56 Isooctane	57	2.955	2.955	0.000	99	227451	20.0	30.0	
57 n-Heptane	57	3.049	3.049	0.000	92	57227	20.0	30.1	
58 Benzene	78	3.056	3.056	0.000	96	291405	20.0	21.0	
59 Propionitrile	54	3.077	3.077	0.000	94	58081	200.0	257.5	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	189154	200.0	175.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	138109	50.0	41.6	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	150347	20.0	19.7	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	97	71246	20.0	17.3	
64 Isobutyl alcohol	43	3.292	3.292	0.000	95	36563	500.0	693.4	
65 t-Amyl alcohol	59	3.364	3.364	0.000	95	24711	200.0	285.4	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	592270	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	87790	20.0	18.8	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	129606	20.0	26.8	
69 Trichloroethene	130	3.536	3.536	0.000	97	74658	20.0	23.6	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	94	139877	20.0	20.8	
71 Dibromomethane	93	3.894	3.894	0.000	95	32737	20.0	18.3	
72 n-Butanol	56	3.915	3.915	0.000	92	21596	500.0	614.8	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	91	68731	20.0	21.9	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	76349	20.0	19.6	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	52240	20.0	19.7	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	92	17961	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	91	23064	40.0	37.7	
78 1,4-Dioxane	88	4.266	4.266	0.000	36	10266	400.0	429.5	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	54872	20.0	18.5	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	91	2489	20.0	6.74	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	96411	20.0	20.1	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	578743	50.0	52.3	
83 Toluene	91	4.940	4.940	0.000	93	302260	20.0	21.3	
84 Epichlorohydrin	57	4.983	4.983	0.000	99	12737	400.0	134.3	
85 2-Nitropropane	41	5.190	5.190	0.000	96	14633	40.0	26.5	
86 Tetrachloroethene	166	5.362	5.362	0.000	97	76302	20.0	23.0	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	95	188361	100.0	122.7	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	78224	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	40512	20.0	18.0	
90 Ethyl methacrylate	69	5.699	5.699	0.000	89	57942	20.0	19.4	
91 Chlorodibromomethane	129	5.806	5.806	0.000	98	50706	20.0	18.6	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	84979	20.0	18.5	
93 Ethylene Dibromide	107	6.043	6.043	0.000	99	45416	20.0	18.3	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	56541	20.0	16.2	
95 2-Hexanone	43	6.458	6.458	0.000	95	126707	100.0	111.1	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	456044	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	189066	20.0	21.2	
98 Ethylbenzene	106	6.831	6.831	0.000	98	107393	20.0	21.8	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	57489	20.0	20.8	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	131185	20.0	22.2	
101 o-Xylene	106	7.626	7.626	0.000	94	125126	20.0	22.7	
102 Bromoform	173	7.697	7.697	0.000	96	28170	20.0	18.6	
103 Styrene	104	7.712	7.712	0.000	97	206277	20.0	23.0	
104 n-Butyl acrylate	73	8.048	8.048	0.000	97	33219	20.0	18.3	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	330084	20.0	22.2	
106 Amyl acetate (mixed isomers)	43	8.464	8.464	0.000	90	73419	20.0	16.3	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	94	189742	50.0	52.0	
108 Bromobenzene	156	8.586	8.586	0.000	96	81506	20.0	20.4	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	398369	20.0	21.3	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	98	54360	20.0	16.6	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	263338	20.0	20.1	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	327948	20.0	21.1	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	14826	20.0	16.1	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	270924	20.0	20.9	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	74	5976	20.0	6.91	
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	236165	20.0	20.3	
117 tert-Butylbenzene	119	9.545	9.545	0.000	96	238420	20.0	22.2	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	277596	20.0	21.1	
119 Butyl Methacrylate	87	9.696	9.696	0.000	91	72427	20.0	19.5	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	368492	20.0	22.0	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	157843	20.0	20.8	
122 4-Isopropyltoluene	119	10.118	10.118	0.000	98	312694	20.0	22.8	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	261484	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.247	0.000	96	164458	20.0	19.8	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	281965	20.0	20.4	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	95	273628	20.0	19.9	
127 Benzyl chloride	126	10.713	10.713	0.000	98	18865	20.0	20.9	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	155371	20.0	22.2	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	290412	20.0	22.3	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	147323	20.0	19.4	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	273037	20.0	21.4	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	95	9255	20.0	15.4	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	126087	20.0	21.7	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	101345	20.0	20.0	
135 Hexachlorobutadiene	225	12.840	12.840	0.000	98	45965	20.0	24.4	
136 Naphthalene	128	13.120	13.120	0.000	100	177499	20.0	17.3	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	96	84651	20.0	17.8	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	38.5	
S 140 Xylenes, Total	100				0		40.0	44.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 142 Total BTEX	1				0		100.0	109.0	

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Sep-2020 10:15:37 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79260.D

Injection Date: 02-Sep-2020 08:42:30 Instrument ID: CVOAMS13 Operator ID:

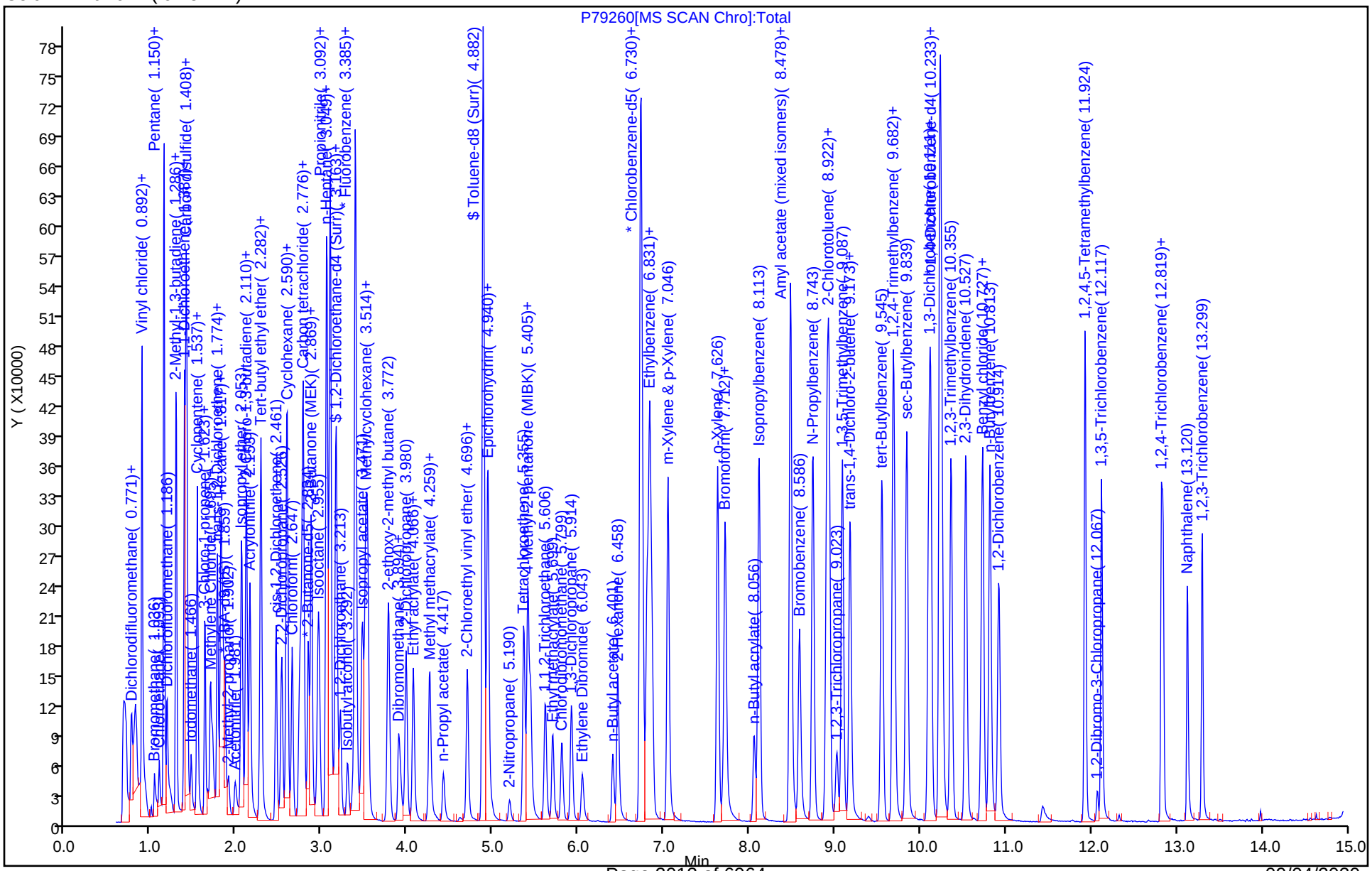
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-713559/20 Calibration Date: 08/03/2020 07:49

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T37123.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0335	0.0173		10.3	20.0	-48.4*	30.0
1,1-Difluoroethane	Ave	0.1374	0.1266		18.4	20.0	-7.9	30.0
Chlorotrifluoroethene	Qua2		0.0835		22.3	20.0	11.4	30.0
Dichlorodifluoromethane	Ave	0.3952	0.2908	0.1000	14.7	20.0	-26.4	30.0
Chlorodifluoromethane	Ave	0.0514	0.0480		18.7	20.0	-6.6	30.0
Chloromethane	Ave	0.2974	0.2471	0.1000	16.6	20.0	-16.9	30.0
Vinyl chloride	Ave	0.3601	0.3244	0.1000	18.0	20.0	-9.9	30.0
Butadiene	QuaF		0.2779		16.9	20.0	-15.5	30.0
Bromomethane	Ave	1.010	1.230	0.1000	24.4	20.0	21.8	30.0
Chloroethane	Ave	1.969	1.755	0.1000	17.8	20.0	-10.9	30.0
Dichlorofluoromethane	Ave	0.5322	0.5317		20.0	20.0	-0.0	30.0
Trichlorofluoromethane	Ave	0.4622	0.4724	0.1000	20.4	20.0	2.2	30.0
Pentane	Ave	0.0466	0.0468		40.1	40.0	0.3	30.0
Ethanol	QuaF		0.3615		936	800	17.0	30.0
Ethyl ether	Ave	0.2106	0.2218		21.1	20.0	5.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2433	0.2637		21.7	20.0	8.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2494	0.2176		17.4	20.0	-12.8	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4206	0.4585		21.8	20.0	9.0	30.0
Acrolein	Ave	8.939	5.002		22.4	40.1	-44.0*	30.0
1,1-Dichloroethene	Ave	0.2501	0.2745	0.1000	22.0	20.0	9.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2774	0.2997	0.1000	21.6	20.0	8.1	30.0
Acetone	Ave	0.6473	0.5765	0.0500	89.1	100	-10.9	30.0
Iodomethane	Ave	0.0904	0.0678		15.0	20.0	-25.0	30.0
Carbon disulfide	Ave	0.8827	0.8764	0.1000	19.9	20.0	-0.7	30.0
Isopropyl alcohol	Ave	3.771	3.508		186	200	-7.0	30.0
Acetonitrile	Ave	0.1481	0.1397		189	200	-5.7	30.0
Allyl chloride	Ave	0.1627	0.1883		23.1	20.0	15.7	30.0
Methyl acetate	Ave	0.1740	0.1900	0.1000	43.7	40.0	9.2	30.0
Cyclopentene	Ave	0.6796	0.6073		17.9	20.0	-10.6	30.0
Methylene Chloride	Ave	0.2817	0.3374	0.1000	24.0	20.0	19.8	30.0
2-Methyl-2-propanol	Ave	6.445	6.852		213	200	6.3	30.0
Acrylonitrile	Ave	0.0997	0.1018		204	200	2.1	30.0
trans-1,2-Dichloroethene	Ave	0.2922	0.3225	0.1000	22.1	20.0	10.4	30.0
Methyl tert-butyl ether	Ave	0.7290	0.8047	0.1000	22.1	20.0	10.4	30.0
Hexane	Ave	0.3412	0.3680		21.6	20.0	7.8	30.0
1,1-Dichloroethane	Ave	0.5114	0.5352	0.2000	20.9	20.0	4.6	30.0
Vinyl acetate	Qua2		0.4519		41.6	40.0	4.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2763	0.2442		17.7	20.0	-11.6	30.0
Isopropyl ether	Ave	0.8584	0.7896		18.4	20.0	-8.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-713559/20 Calibration Date: 08/03/2020 07:49

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T37123.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7827	0.7198		18.4	20.0	-8.0	30.0
2,2-Dichloropropane	Ave	0.0958	0.1044		21.8	20.0	9.0	30.0
cis-1,2-Dichloroethene	Ave	0.3097	0.3449	0.1000	22.3	20.0	11.4	30.0
2-Butanone (MEK)	Ave	1.060	1.005	0.0500	94.8	100	-5.2	30.0
Propionitrile	Ave	8.792	8.177		186	200	-7.0	30.0
Ethyl acetate	Ave	0.2196	0.2356		42.9	40.0	7.3	30.0
Methyl acrylate	Ave	0.2728	0.2484		18.2	20.0	-9.0	30.0
Chlorobromomethane	Ave	0.1349	0.1485		22.0	20.0	10.1	30.0
Methacrylonitrile	Ave	0.1094	0.1053		192	200	-3.8	30.0
Tetrahydrofuran	Ave	0.2830	0.3363		47.5	40.0	18.8	30.0
Chloroform	Ave	0.4904	0.5483	0.2000	22.4	20.0	11.8	30.0
1,1,1-Trichloroethane	Ave	0.4231	0.4768	0.1000	22.5	20.0	12.7	30.0
Cyclohexane	Ave	0.3938	0.4303	0.1000	21.9	20.0	9.3	30.0
1,1-Dichloropropene	Ave	0.4226	0.4350		20.6	20.0	2.9	30.0
Carbon tetrachloride	Ave	0.3575	0.3942	0.1000	22.1	20.0	10.3	30.0
Isobutyl alcohol	Ave	2.259	2.428		538	500	7.5	30.0
Benzene	Ave	1.638	1.739	0.5000	21.2	20.0	6.2	30.0
1,2-Dichloroethane	Ave	0.3616	0.3725	0.1000	20.6	20.0	3.0	30.0
2,2,4-Trimethylpentane	Ave	0.5990	0.5488		18.3	20.0	-8.4	30.0
Isopropyl acetate	Ave	0.0953	0.0900		18.9	20.0	-5.6	30.0
Tert-amyl methyl ether	Ave	0.7354	0.7216		19.6	20.0	-1.9	30.0
n-Heptane	Ave	0.2578	0.2516		19.5	20.0	-2.4	30.0
Trichloroethene	Ave	0.2921	0.3162	0.2000	21.6	20.0	8.2	30.0
n-Butanol	Ave	1.463	1.329		454	500	-9.2	30.0
Ethyl acrylate	Ave	0.6086	0.6323		20.8	20.0	3.9	30.0
Methylcyclohexane	Ave	0.3945	0.4362	0.1000	22.1	20.0	10.6	30.0
1,2-Dichloropropane	Ave	0.2900	0.3121	0.1000	21.5	20.0	7.6	30.0
Dibromomethane	Ave	0.1782	0.1975		22.2	20.0	10.8	30.0
1,4-Dioxane	Ave	0.9339	1.154		494	400	23.5	30.0
Methyl methacrylate	Ave	0.0650	0.0676		41.6	40.0	3.9	30.0
n-Propyl acetate	Ave	0.3374	0.3219		19.1	20.0	-4.6	30.0
Dichlorobromomethane	Ave	0.3584	0.4067	0.2000	22.7	20.0	13.5	30.0
2-Nitropropane	Ave	0.0465	0.0441		38.0	40.0	-5.0	30.0
2-Chloroethyl vinyl ether	Qua2		0.0839		14.4	20.0	-28.0	30.0
Epichlorohydrin	Ave	0.2065	0.1525		14.8	20.0	-26.2	30.0
cis-1,3-Dichloropropene	Ave	0.6558	0.6957	0.2000	21.2	20.0	6.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.938	2.126	0.0500	110	100	9.7	30.0
Toluene	Ave	1.676	1.777	0.4000	21.2	20.0	6.0	30.0
trans-1,3-Dichloropropene	Ave	0.5728	0.5838	0.1000	20.4	20.0	1.9	30.0
Ethyl methacrylate	Ave	0.4563	0.5030		22.0	20.0	10.2	30.0
1,1,2-Trichloroethane	Ave	0.2943	0.3361	0.1000	22.8	20.0	14.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-713559/20 Calibration Date: 08/03/2020 07:49

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T37123.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3621	0.4080	0.2000	22.5	20.0	12.7	30.0
1,3-Dichloropropane	Ave	0.5998	0.6345		21.2	20.0	5.8	30.0
2-Hexanone	Ave	1.328	1.477	0.0500	111	100	11.3	30.0
Chlorodibromomethane	Ave	0.3547	0.4107	0.1000	23.2	20.0	15.8	30.0
Ethylene Dibromide	Ave	0.3594	0.3932	0.1000	21.9	20.0	9.4	30.0
n-Butyl acetate	Ave	0.5046	0.4986		19.8	20.0	-1.2	30.0
Chlorobenzene	Ave	0.9757	1.083	0.5000	22.2	20.0	11.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3281	0.3715		22.6	20.0	13.2	30.0
Ethylbenzene	Ave	0.5271	0.5869	0.1000	22.3	20.0	11.3	30.0
m-Xylene & p-Xylene	Ave	0.6362	0.7086	0.1000	22.3	20.0	11.4	30.0
o-Xylene	Ave	0.6132	0.6648	0.3000	21.7	20.0	8.4	30.0
Styrene	Ave	0.9945	1.155	0.3000	23.2	20.0	16.2	30.0
n-Butyl acrylate	Ave	0.2462	0.2410		19.6	20.0	-2.1	30.0
Bromoform	Ave	0.2002	0.2382	0.1000	23.8	20.0	19.0	30.0
Amyl acetate (mixed isomers)	Ave	1.264	1.169		18.5	20.0	-7.5	30.0
Isopropylbenzene	Ave	1.527	1.734	0.1000	22.7	20.0	13.6	30.0
Bromobenzene	Ave	0.8067	0.8949		22.2	20.0	10.9	30.0
1,1,2,2-Tetrachloroethane	Ave	1.012	1.119	0.3000	22.1	20.0	10.6	30.0
1,2,3-Trichloropropane	Ave	0.2500	0.3055		24.4	20.0	22.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2548	0.3028		23.8	20.0	18.8	30.0
N-Propylbenzene	Ave	4.537	4.922		21.7	20.0	8.5	30.0
2-Chlorotoluene	Ave	2.513	2.727		21.7	20.0	8.5	30.0
4-Ethyltoluene	Ave	3.338	3.125		18.7	20.0	-6.4	30.0
4-Chlorotoluene	Ave	2.743	2.675		19.5	20.0	-2.5	30.0
1,3,5-Trimethylbenzene	Ave	2.611	2.918		22.4	20.0	11.8	30.0
Butyl Methacrylate	Ave	0.9337	0.8876		19.0	20.0	-4.9	30.0
tert-Butylbenzene	Ave	2.168	2.403		22.2	20.0	10.8	30.0
1,2,4-Trimethylbenzene	Ave	2.638	2.895		21.9	20.0	9.7	30.0
sec-Butylbenzene	Ave	3.231	3.529		21.8	20.0	9.2	30.0
1,3-Dichlorobenzene	Ave	1.392	1.489	0.6000	21.4	20.0	7.0	30.0
1,4-Dichlorobenzene	Ave	1.424	1.540	0.5000	21.6	20.0	8.2	30.0
4-Isopropyltoluene	Ave	2.458	2.805		22.8	20.0	14.1	30.0
1,2,3-Trimethylbenzene	Ave	2.565	2.355		18.4	20.0	-8.2	30.0
Benzyl chloride	Ave	1.406	1.420		20.2	20.0	1.0	30.0
Indan	Ave	2.493	2.357		18.9	20.0	-5.4	30.0
1,2-Dichlorobenzene	Ave	1.264	1.345	0.4000	21.3	20.0	6.4	30.0
p-Diethylbenzene	Ave	1.222	1.194		19.5	20.0	-2.3	30.0
n-Butylbenzene	Ave	1.288	1.425		22.1	20.0	10.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1477	0.1657	0.0500	22.4	20.0	12.2	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.868	1.737		18.6	20.0	-7.0	30.0
1,3,5-Trichlorobenzene	Ave	0.6697	0.6132		18.3	20.0	-8.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-713559/20 Calibration Date: 08/03/2020 07:49

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T37123.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.5730	0.6253	0.2000	21.8	20.0	9.1	30.0
Hexachlorobutadiene	QuaF		0.2528		22.8	20.0	14.1	30.0
Naphthalene	Ave	1.657	1.794		21.7	20.0	8.3	30.0
1,2,3-Trichlorobenzene	Ave	0.4752	0.5038		21.2	20.0	6.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2762	0.2787		50.5	50.0	0.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3006	0.2999		49.9	50.0	-0.2	30.0
Toluene-d8 (Surr)	Ave	1.371	1.375		50.1	50.0	0.3	30.0
4-Bromofluorobenzene	Ave	0.3478	0.3570		51.3	50.0	2.6	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37123.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-Aug-2020 07:49:43 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0114382-020
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:30:48 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

First Level Reviewer: desais Date: 03-Aug-2020 10:19:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	27	3552	20.0	10.3	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	95	26016	20.0	18.4	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	60	17166	20.0	22.3	
4 Dichlorodifluoromethane	85	0.647	0.647	0.000	87	59747	20.0	14.7	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	96	9862	20.0	18.7	
6 Chloromethane	50	0.726	0.726	0.000	99	50769	20.0	16.6	
7 Vinyl chloride	62	0.769	0.769	0.000	99	66660	20.0	18.0	
8 Butadiene	54	0.787	0.787	0.000	94	57105	20.0	16.9	
9 Bromomethane	94	0.909	0.909	0.000	99	29155	20.0	24.4	
10 Chloroethane	64	0.952	0.952	0.000	100	41588	20.0	17.8	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	109267	20.0	20.0	
12 Trichlorofluoromethane	101	1.068	1.068	0.000	99	97067	20.0	20.4	
13 Pentane	72	1.104	1.104	0.000	96	19224	40.0	40.1	
14 Ethanol	45	1.171	1.171	0.000	96	11998	800.0	936.1	
15 Ethyl ether	59	1.208	1.208	0.000	57	45588	20.0	21.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	80	54189	20.0	21.7	
17 2-Methyl-1,3-butadiene	53	1.214	1.214	0.000	78	44718	20.0	17.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	98	94213	20.0	21.8	
19 Acrolein	56	1.269	1.269	0.000	96	8311	40.1	22.4	
20 1,1-Dichloroethene	96	1.312	1.311	0.001	90	56415	20.0	22.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	72	61595	20.0	21.6	
22 Acetone	43	1.348	1.348	0.000	87	68327	100.0	89.1	
23 Iodomethane	142	1.391	1.391	0.000	97	13932	20.0	15.0	
24 Carbon disulfide	76	1.421	1.421	0.000	99	180095	20.0	19.9	
25 Isopropyl alcohol	45	1.433	1.427	0.006	42	29106	200.0	186.1	
26 Acetonitrile	40	1.494	1.494	0.000	82	33119	200.0	188.6	
27 3-Chloro-1-propene	76	1.501	1.500	0.001	93	38690	20.0	23.1	
28 Methyl acetate	43	1.519	1.519	0.000	97	78085	40.0	43.7	
29 Cyclopentene	67	1.543	1.543	0.000	94	124799	20.0	17.9	
30 Methylene Chloride	84	1.568	1.567	0.001	90	69333	20.0	24.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.604	1.598	0.006	99	41483	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	99	56845	200.0	212.6	
33 Acrylonitrile	53	1.708	1.708	0.000	94	209281	200.0	204.3	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	93	66261	20.0	22.1	
35 Methyl tert-butyl ether	73	1.726	1.726	0.000	97	165362	20.0	22.1	
36 Hexane	57	1.891	1.891	0.000	91	75618	20.0	21.6	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	94	109975	20.0	20.9	
38 Vinyl acetate	86	2.019	2.019	0.000	99	21421	40.0	41.6	
40 Isopropyl ether	45	2.031	2.031	0.000	80	162251	20.0	18.4	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	72	50187	20.0	17.7	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	147922	20.0	18.4	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	85	296295	250.0	250.0	
44 2,2-Dichloropropane	97	2.354	2.354	0.000	79	21461	20.0	21.8	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	89	70876	20.0	22.3	
45 2-Butanone (MEK)	43	2.378	2.378	0.000	99	119080	100.0	94.8	
46 Propionitrile	54	2.421	2.421	0.000	99	67840	200.0	186.0	
47 Ethyl acetate	70	2.439	2.439	0.000	99	11171	40.0	42.9	
48 Methyl acrylate	55	2.458	2.458	0.000	96	51039	20.0	18.2	
50 Methacrylonitrile	67	2.531	2.531	0.000	89	216337	200.0	192.4	
49 Chlorobromomethane	128	2.531	2.531	0.000	49	30508	20.0	22.0	
51 Tetrahydrofuran	72	2.574	2.573	0.001	85	15942	40.0	47.5	
52 Chloroform	83	2.598	2.598	0.000	94	112666	20.0	22.4	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	95	143181	50.0	50.5	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	76	97976	20.0	22.5	
55 Cyclohexane	84	2.769	2.768	0.001	89	88427	20.0	21.9	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	96	89393	20.0	20.6	
56 Carbon tetrachloride	117	2.860	2.860	0.000	77	80996	20.0	22.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	99	154085	50.0	49.9	
59 Isobutyl alcohol	43	3.019	3.018	0.001	44	50367	500.0	537.5	
60 Benzene	78	3.025	3.025	0.000	97	247400	20.0	21.2	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	57	76543	20.0	20.6	
62 Isooctane	57	3.116	3.116	0.000	96	112765	20.0	18.3	
63 Isopropyl acetate	61	3.147	3.146	0.001	93	18486	20.0	18.9	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	79	148276	20.0	19.6	
* 65 Fluorobenzene	96	3.275	3.274	0.001	98	513729	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	86	51707	20.0	19.5	
67 Trichloroethene	95	3.610	3.610	0.000	92	64978	20.0	21.6	
68 n-Butanol	56	3.634	3.634	0.000	72	27556	500.0	453.9	
69 Ethyl acrylate	55	3.775	3.774	0.000	97	129934	20.0	20.8	
70 Methylcyclohexane	83	3.787	3.787	0.000	82	89626	20.0	22.1	
71 1,2-Dichloropropane	63	3.817	3.823	-0.006	88	64142	20.0	21.5	
72 Dibromomethane	93	3.933	3.933	0.000	71	40582	20.0	22.2	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	95	28545	1000.0	1000.0	
74 1,4-Dioxane	88	3.988	3.994	-0.006	37	13172	400.0	494.1	
75 Methyl methacrylate	100	4.000	4.000	0.000	87	27771	40.0	41.6	
76 n-Propyl acetate	43	4.085	4.085	0.000	97	66149	20.0	19.1	
77 Dichlorobromomethane	83	4.116	4.116	0.000	96	83579	20.0	22.7	
78 2-Nitropropane	41	4.366	4.372	-0.006	97	18142	40.0	38.0	
79 2-Chloroethyl vinyl ether	63	4.488	4.488	0.000	91	17233	20.0	14.4	
80 Epichlorohydrin	57	4.488	4.524	-0.036	28	3615	20.0	14.8	
81 cis-1,3-Dichloropropene	75	4.610	4.610	0.000	86	98996	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	96	252016	100.0	109.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.908	4.908	0.000	98	489004	50.0	50.1	
84 Toluene	91	4.982	4.982	0.000	93	252808	20.0	21.2	
85 trans-1,3-Dichloropropene	75	5.293	5.292	0.001	92	83066	20.0	20.4	
86 Ethyl methacrylate	69	5.482	5.481	0.001	87	71574	20.0	22.0	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	92	47820	20.0	22.8	
88 Tetrachloroethene	166	5.640	5.640	0.000	86	58062	20.0	22.5	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	89	90292	20.0	21.2	
90 2-Hexanone	43	5.890	5.890	0.000	95	175094	100.0	111.3	
91 Chlorodibromomethane	129	5.975	5.975	0.000	95	58436	20.0	23.2	
92 Ethylene Dibromide	107	6.085	6.085	0.000	98	55946	20.0	21.9	
93 n-Butyl acetate	43	6.122	6.122	0.000	98	70953	20.0	19.8	
* 94 Chlorobenzene-d5	117	6.750	6.749	0.001	86	355740	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	93	154040	20.0	22.2	
96 1,1,1,2-Tetrachloroethane	131	6.932	6.938	-0.006	92	52865	20.0	22.6	
97 Ethylbenzene	106	6.993	6.993	0.000	99	83517	20.0	22.3	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	100831	20.0	22.3	
99 o-Xylene	106	7.743	7.743	0.000	93	94596	20.0	21.7	
100 Styrene	104	7.774	7.774	0.000	90	164368	20.0	23.2	
101 n-Butyl acrylate	73	7.871	7.871	0.000	96	34300	20.0	19.6	
102 Bromoform	173	7.987	7.987	0.000	93	33901	20.0	23.8	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	90	72777	20.0	18.5	
104 Isopropylbenzene	105	8.347	8.347	0.000	96	246672	20.0	22.7	
$ 105 4-Bromofluorobenzene	174	8.536	8.536	0.000	83	126984	50.0	51.3	
106 Bromobenzene	156	8.707	8.706	0.001	97	55736	20.0	22.2	
108 1,2,3-Trichloropropane	110	8.865	8.865	0.000	81	19024	20.0	24.4	
107 1,1,2,2-Tetrachloroethane	83	8.865	8.865	0.000	89	69717	20.0	22.1	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	91	18858	20.0	23.8	
110 N-Propylbenzene	91	8.999	8.999	0.000	98	306545	20.0	21.7	
111 2-Chlorotoluene	91	9.054	9.054	0.000	95	169845	20.0	21.7	
112 4-Ethyltoluene	105	9.194	9.194	0.000	98	194658	20.0	18.7	
113 4-Chlorotoluene	91	9.243	9.243	0.000	98	166614	20.0	19.5	
114 1,3,5-Trimethylbenzene	105	9.316	9.310	0.006	91	181733	20.0	22.4	
115 Butyl Methacrylate	87	9.627	9.627	0.000	87	55278	20.0	19.0	
116 tert-Butylbenzene	119	9.816	9.816	0.000	91	149637	20.0	22.2	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	98	180313	20.0	21.9	
118 sec-Butylbenzene	105	10.176	10.182	-0.006	99	219770	20.0	21.8	
119 1,3-Dichlorobenzene	146	10.255	10.255	0.000	93	92750	20.0	21.4	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.383	0.000	96	155702	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	90	95935	20.0	21.6	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	89	174694	20.0	22.8	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	98	146651	20.0	18.4	
124 Benzyl chloride	91	10.688	10.688	0.000	98	88448	20.0	20.2	
125 2,3-Dihydroindene	117	10.840	10.840	0.000	89	146804	20.0	18.9	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	94	83740	20.0	21.3	
127 p-Diethylbenzene	119	11.109	11.108	0.001	89	74342	20.0	19.5	a
128 n-Butylbenzene	92	11.139	11.139	0.000	97	88746	20.0	22.1	
129 1,2-Dibromo-3-Chloropropane	157	12.096	12.096	0.000	89	10322	20.0	22.4	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.139	0.000	96	108187	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	94	38191	20.0	18.3	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	93	38942	20.0	21.8	
134 Naphthalene	128	13.151	13.151	0.000	99	111760	20.0	21.7	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	55	15744	20.0	22.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.376	13.376	0.000	93	31375	20.0	21.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 137 Xylenes, Total	100				0		40.0	44.0	
S 140 Total BTEX	1				0		100.0	108.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8FreonsSS_00022	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00115	Amount Added:	4.00	Units: uL	
GAS C SP_00367	Amount Added:	20.00	Units: uL	
8260 SP_00128	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Aug-2020 20:31:06 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37123.D

Injection Date: 03-Aug-2020 07:49:43 Instrument ID: CVOAMS15

Lims ID: ICV

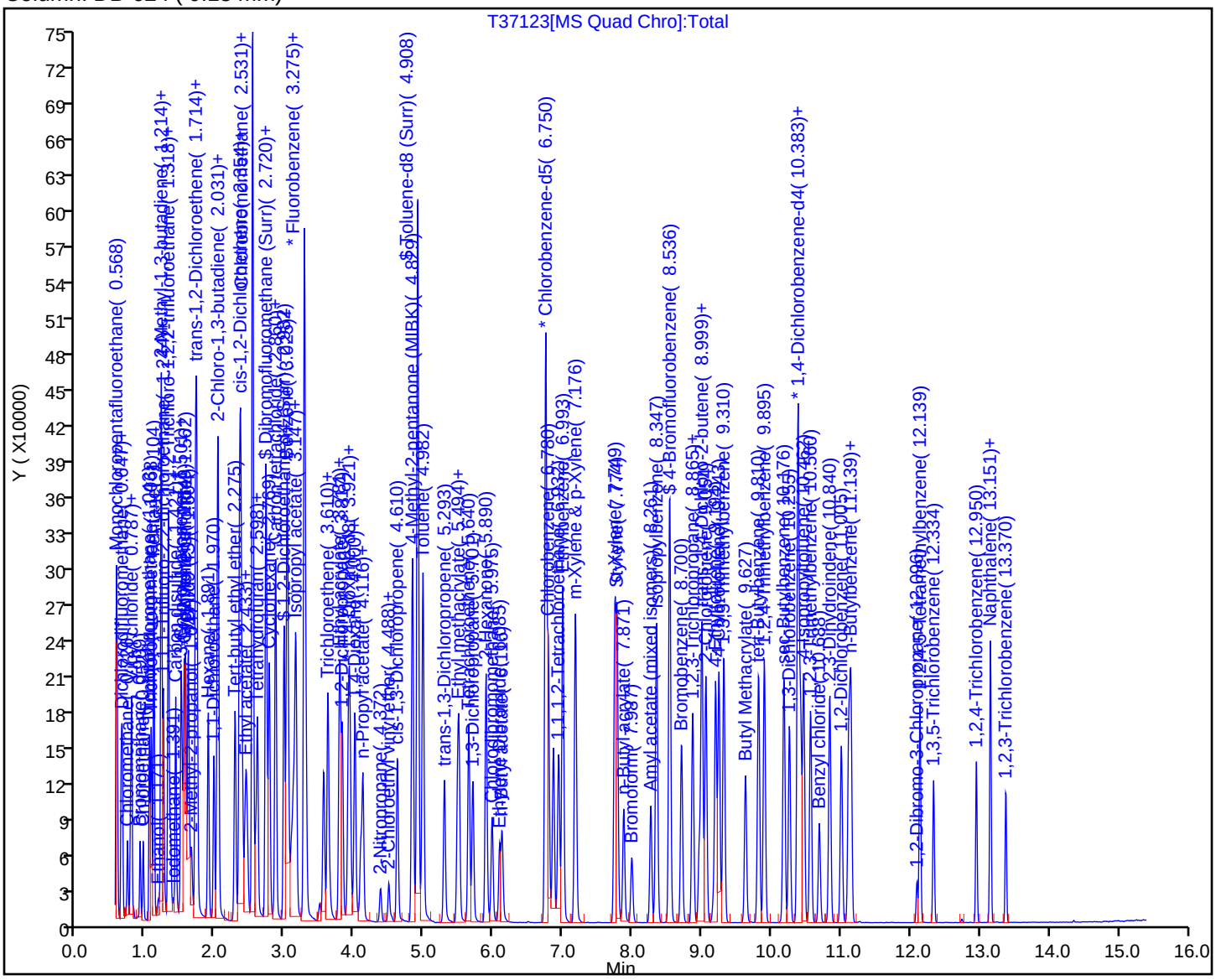
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

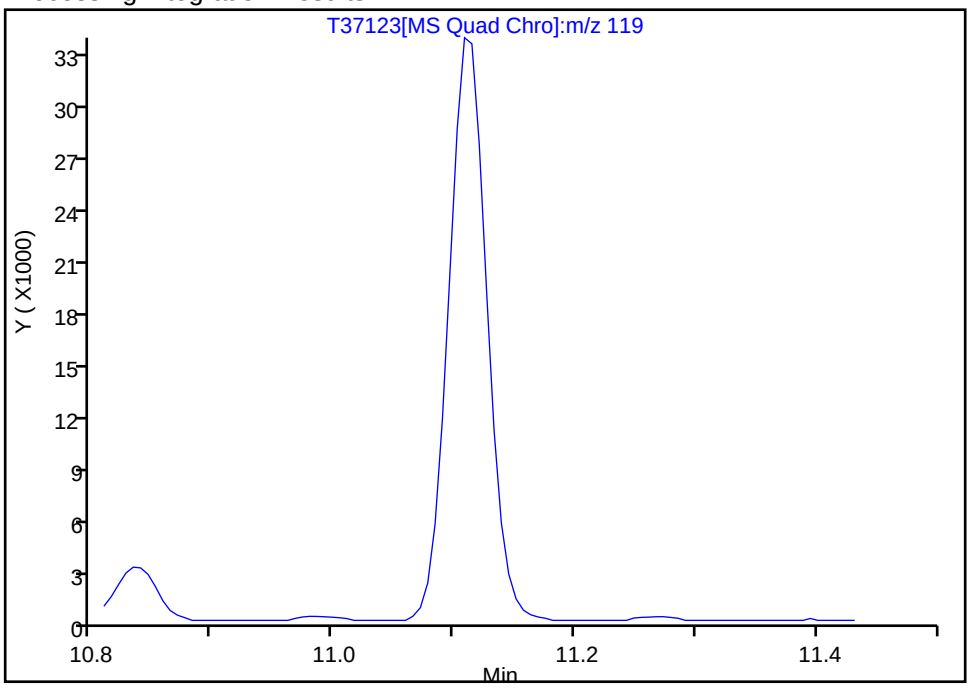
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37123.D
Injection Date: 03-Aug-2020 07:49:43 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

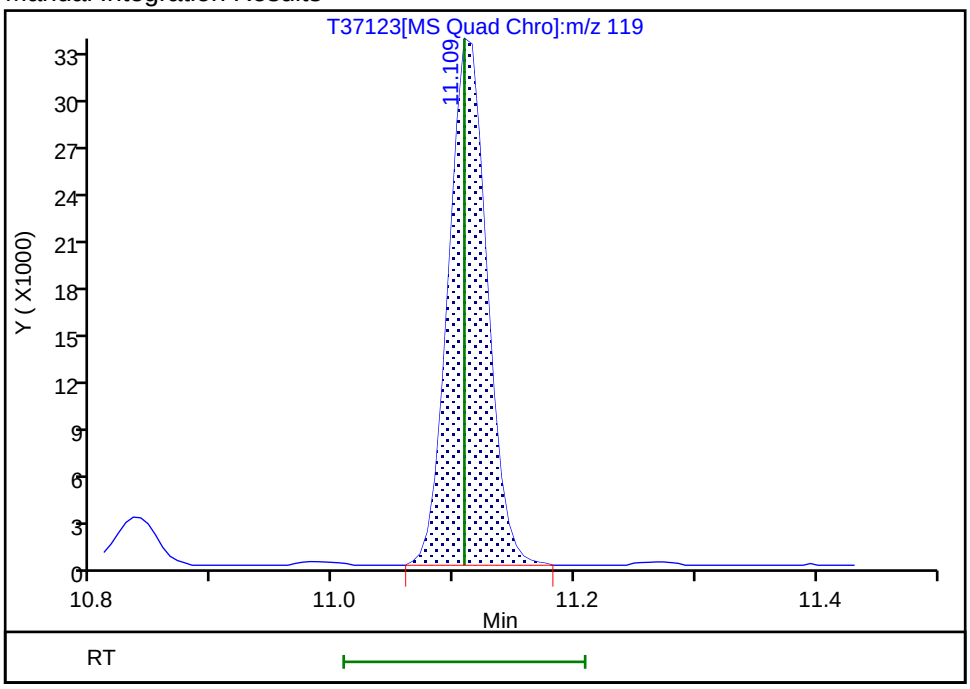
Not Detected
Expected RT: 11.11

Processing Integration Results



Manual Integration Results

RT: 11.11
Area: 74342
Amount: 19.531902
Amount Units: ug/l



Reviewer: desais, 03-Aug-2020 08:53:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720210/2 Calibration Date: 08/28/2020 07:36

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T38362.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0335	0.0200		11.9	20.0	-40.4*	20.0
1,1-Difluoroethane	Ave	0.1374	0.1297		18.9	20.0	-5.6	20.0
Chlorotrifluoroethene	Qua2		0.0406		11.1	20.0	-44.6*	20.0
Chlorodifluoromethane	Ave	0.0514	0.0486		18.9	20.0	-5.5	20.0
Dichlorodifluoromethane	Ave	0.3952	0.3161	0.1000	16.0	20.0	-20.0	20.0
Chloromethane	Ave	0.2974	0.2615	0.1000	17.6	20.0	-12.1	20.0
Vinyl chloride	Ave	0.3601	0.3562	0.1000	19.8	20.0	-1.1	20.0
Butadiene	QuaF		0.3179		19.3	20.0	-3.4	20.0
Bromomethane	Ave	1.010	1.014	0.1000	20.1	20.0	0.5	50.0
Chloroethane	Ave	1.969	2.139	0.1000	21.7	20.0	8.6	50.0
Dichlorofluoromethane	Ave	0.5322	0.5880		22.1	20.0	10.5	20.0
Trichlorofluoromethane	Ave	0.4622	0.4587	0.1000	19.9	20.0	-0.7	20.0
Pentane	Ave	0.0466	0.0515		44.2	40.0	10.4	20.0
Ethanol	QuaF		0.6295		1650	800	105.7*	50.0
Ethyl ether	Ave	0.2106	0.2177		20.7	20.0	3.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2433	0.2559		21.0	20.0	5.2	20.0
2-Methyl-1,3-butadiene	Ave	0.2494	0.2545		20.4	20.0	2.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4206	0.4366		20.8	20.0	3.8	20.0
Acrolein	Ave	8.939	8.579		38.4	40.0	-4.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2774	0.2878	0.1000	20.8	20.0	3.8	20.0
1,1-Dichloroethene	Ave	0.2501	0.2565	0.1000	20.5	20.0	2.6	20.0
Acetone	Ave	0.6473	0.6025	0.0500	93.1	100	-6.9	50.0
Iodomethane	Ave	0.0904	0.1227		27.1	20.0	35.7*	20.0
Carbon disulfide	Ave	0.8827	0.9341	0.1000	21.2	20.0	5.8	50.0
Isopropyl alcohol	Ave	3.771	4.052		215	200	7.5	50.0
Acetonitrile	Ave	0.1481	0.1709		231	200	15.3	20.0
Allyl chloride	Ave	0.1627	0.1815		22.3	20.0	11.5	20.0
Methyl acetate	Ave	0.1740	0.1847	0.1000	42.5	40.0	6.1	20.0
Cyclopentene	Ave	0.6796	0.6865		20.2	20.0	1.0	20.0
Methylene Chloride	Ave	0.2817	0.2988	0.1000	21.2	20.0	6.1	20.0
2-Methyl-2-propanol	Ave	6.445	6.536		203	200	1.4	50.0
Acrylonitrile	Ave	0.0997	0.0946		190	200	-5.1	20.0
trans-1,2-Dichloroethene	Ave	0.2922	0.2961	0.1000	20.3	20.0	1.4	20.0
Methyl tert-butyl ether	Ave	0.7290	0.7297	0.1000	20.0	20.0	0.0	20.0
Hexane	Ave	0.3412	0.3686		21.6	20.0	8.0	20.0
1,1-Dichloroethane	Ave	0.5114	0.5453	0.2000	21.3	20.0	6.6	20.0
Vinyl acetate	Qua2		0.4966		45.6	40.0	14.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2763	0.2814		20.4	20.0	1.8	20.0
Isopropyl ether	Ave	0.8584	0.9615		22.4	20.0	12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720210/2 Calibration Date: 08/28/2020 07:36

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T38362.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7827	0.8186		20.9	20.0	4.6	20.0
2,2-Dichloropropane	Ave	0.0958	0.0981		20.5	20.0	2.4	20.0
cis-1,2-Dichloroethene	Ave	0.3097	0.3258	0.1000	21.0	20.0	5.2	20.0
2-Butanone (MEK)	Ave	1.060	1.036	0.0500	97.7	100	-2.3	50.0
Propionitrile	Ave	8.792	9.890		225	200	12.5	20.0
Ethyl acetate	Ave	0.2196	0.2142		39.0	40.0	-2.4	20.0
Methyl acrylate	Ave	0.2728	0.2595		19.0	20.0	-4.9	20.0
Chlorobromomethane	Ave	0.1349	0.1472		21.8	20.0	9.2	20.0
Methacrylonitrile	Ave	0.1094	0.1122		205	200	2.5	20.0
Tetrahydrofuran	Ave	0.2830	0.3164		44.7	40.0	11.8	20.0
Chloroform	Ave	0.4904	0.5408	0.2000	22.1	20.0	10.3	20.0
1,1,1-Trichloroethane	Ave	0.4231	0.4435	0.1000	21.0	20.0	4.8	20.0
Cyclohexane	Ave	0.3938	0.3841	0.1000	19.5	20.0	-2.5	50.0
1,1-Dichloropropene	Ave	0.4226	0.4231		20.0	20.0	0.1	20.0
Carbon tetrachloride	Ave	0.3575	0.3655	0.1000	20.4	20.0	2.2	20.0
Isobutyl alcohol	Ave	2.259	2.438		540	500	7.9	50.0
Benzene	Ave	1.638	1.705	0.5000	20.8	20.0	4.1	20.0
1,2-Dichloroethane	Ave	0.3616	0.3798	0.1000	21.0	20.0	5.0	20.0
2,2,4-Trimethylpentane	Ave	0.5990	0.6380		21.3	20.0	6.5	20.0
Isopropyl acetate	Ave	0.0953	0.0997		20.9	20.0	4.5	20.0
Tert-amyl methyl ether	Ave	0.7354	0.7617		20.7	20.0	3.6	20.0
n-Heptane	Ave	0.2578	0.2977		23.1	20.0	15.5	20.0
Trichloroethene	Ave	0.2921	0.3000	0.2000	20.5	20.0	2.7	20.0
n-Butanol	Ave	1.463	1.569		536	500	7.2	50.0
Ethyl acrylate	Ave	0.6086	0.6270		20.6	20.0	3.0	20.0
Methylcyclohexane	Ave	0.3945	0.4075	0.1000	20.7	20.0	3.3	50.0
1,2-Dichloropropane	Ave	0.2900	0.3161	0.1000	21.8	20.0	9.0	20.0
Dibromomethane	Ave	0.1782	0.1775		19.9	20.0	-0.4	20.0
1,4-Dioxane	Ave	0.9339	1.175		503	400	25.8	50.0
Methyl methacrylate	Ave	0.0650	0.0605		37.2	40.0	-6.9	20.0
n-Propyl acetate	Ave	0.3374	0.3604		21.4	20.0	6.8	20.0
Dichlorobromomethane	Ave	0.3584	0.3958	0.2000	22.1	20.0	10.4	20.0
2-Nitropropane	Ave	0.0465	0.0540		46.4	40.0	16.1	20.0
2-Chloroethyl vinyl ether	Qua2		0.0981		16.8	20.0	-16.2	20.0
Epichlorohydrin	Ave	0.2065	0.2157		418	400	4.4	20.0
cis-1,3-Dichloropropene	Ave	0.6558	0.6816	0.2000	20.8	20.0	3.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.938	2.086	0.0500	108	100	7.7	50.0
Toluene	Ave	1.676	1.719	0.4000	20.5	20.0	2.6	20.0
trans-1,3-Dichloropropene	Ave	0.5728	0.6085	0.1000	21.2	20.0	6.2	50.0
Ethyl methacrylate	Ave	0.4563	0.4393		19.3	20.0	-3.7	20.0
1,1,2-Trichloroethane	Ave	0.2943	0.3145	0.1000	21.4	20.0	6.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720210/2 Calibration Date: 08/28/2020 07:36

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T38362.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3621	0.3692	0.2000	20.4	20.0	2.0	20.0
1,3-Dichloropropane	Ave	0.5998	0.6176		20.6	20.0	3.0	20.0
2-Hexanone	Ave	1.328	1.413	0.0500	106	100	6.5	50.0
Chlorodibromomethane	Ave	0.3547	0.3909	0.1000	22.0	20.0	10.2	50.0
Ethylene Dibromide	Ave	0.3594	0.3651	0.1000	20.3	20.0	1.6	20.0
n-Butyl acetate	Ave	0.5046	0.5316		21.1	20.0	5.3	20.0
Chlorobenzene	Ave	0.9757	1.092	0.5000	22.4	20.0	11.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3281	0.3621		22.1	20.0	10.3	20.0
Ethylbenzene	Ave	0.5271	0.5404	0.1000	20.5	20.0	2.5	20.0
m-Xylene & p-Xylene	Ave	0.6362	0.6426	0.1000	20.2	20.0	1.0	20.0
o-Xylene	Ave	0.6132	0.6104	0.3000	19.9	20.0	-0.4	20.0
Styrene	Ave	0.9945	1.017	0.3000	20.5	20.0	2.3	20.0
n-Butyl acrylate	Ave	0.2462	0.2575		20.9	20.0	4.6	20.0
Bromoform	Ave	0.2002	0.2032	0.1000	20.3	20.0	1.5	20.0
Amyl acetate (mixed isomers)	Ave	1.264	1.429		22.6	20.0	13.1	20.0
Isopropylbenzene	Ave	1.527	1.581	0.1000	20.7	20.0	3.5	20.0
Bromobenzene	Ave	0.8067	0.8538		21.2	20.0	5.8	20.0
1,1,2,2-Tetrachloroethane	Ave	1.012	1.023	0.3000	20.2	20.0	1.1	20.0
1,2,3-Trichloropropane	Ave	0.2500	0.2669		21.3	20.0	6.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2548	0.2894		22.7	20.0	13.6	20.0
N-Propylbenzene	Ave	4.537	4.551		20.1	20.0	0.3	20.0
2-Chlorotoluene	Ave	2.513	2.767		22.0	20.0	10.1	20.0
4-Ethyltoluene	Ave	3.338	3.387		20.3	20.0	1.5	20.0
4-Chlorotoluene	Ave	2.743	2.811		20.5	20.0	2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.611	2.698		20.7	20.0	3.3	20.0
Butyl Methacrylate	Ave	0.9337	0.9922		21.3	20.0	6.3	20.0
tert-Butylbenzene	Ave	2.168	2.226		20.5	20.0	2.6	20.0
1,2,4-Trimethylbenzene	Ave	2.638	2.719		20.6	20.0	3.0	20.0
sec-Butylbenzene	Ave	3.231	3.290		20.4	20.0	1.8	20.0
1,3-Dichlorobenzene	Ave	1.392	1.467	0.6000	21.1	20.0	5.4	20.0
1,4-Dichlorobenzene	Ave	1.424	1.482	0.5000	20.8	20.0	4.1	20.0
4-Isopropyltoluene	Ave	2.458	2.559		20.8	20.0	4.1	20.0
1,2,3-Trimethylbenzene	Ave	2.565	2.632		20.5	20.0	2.6	20.0
Benzyl chloride	Ave	1.406	1.526		21.7	20.0	8.5	50.0
Indan	Ave	2.493	2.593		20.8	20.0	4.0	20.0
1,2-Dichlorobenzene	Ave	1.264	1.366	0.4000	21.6	20.0	8.1	20.0
p-Diethylbenzene	Ave	1.222	1.254		20.5	20.0	2.6	20.0
n-Butylbenzene	Ave	1.288	1.345		20.9	20.0	4.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1477	0.1426	0.0500	19.3	20.0	-3.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.868	1.811		19.4	20.0	-3.0	20.0
1,3,5-Trichlorobenzene	Ave	0.6697	0.6308		18.8	20.0	-5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720210/2 Calibration Date: 08/28/2020 07:36

Instrument ID: CVOAMS15 Calib Start Date: 08/03/2020 00:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/03/2020 06:35

Lab File ID: T38362.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.5730	0.5285	0.2000	18.4	20.0	-7.8	20.0
Hexachlorobutadiene	QuaF		0.1960		17.7	20.0	-11.4	20.0
Naphthalene	Ave	1.657	1.413		17.1	20.0	-14.7	50.0
1,2,3-Trichlorobenzene	Ave	0.4752	0.3917		16.5	20.0	-17.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2762	0.2930		53.0	50.0	6.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3006	0.3327		55.3	50.0	10.7	20.0
Toluene-d8 (Surr)	Ave	1.371	1.462		53.3	50.0	6.6	20.0
4-Bromofluorobenzene	Ave	0.3478	0.3774		54.3	50.0	8.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38362.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Aug-2020 07:36:24 ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0115902-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 10:35:22 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: desais Date: 28-Aug-2020 10:26:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	28	3313	20.0	11.9	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	47	6742	20.0	11.1	
2 1,1-Difluoroethane	65	0.635	0.635	0.000	97	21519	20.0	18.9	
4 Dichlorodifluoromethane	85	0.653	0.653	0.000	91	52423	20.0	16.0	
5 Chlorodifluoromethane	67	0.653	0.653	0.000	96	8055	20.0	18.9	
6 Chloromethane	50	0.726	0.726	0.000	88	43382	20.0	17.6	
7 Vinyl chloride	62	0.769	0.769	0.000	99	59080	20.0	19.8	
8 Butadiene	54	0.787	0.787	0.000	96	52726	20.0	19.3	
9 Bromomethane	94	0.909	0.909	0.000	98	18755	20.0	20.1	
10 Chloroethane	64	0.958	0.958	0.000	100	39547	20.0	21.7	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	97529	20.0	22.1	
12 Trichlorofluoromethane	101	1.074	1.074	0.000	99	76085	20.0	19.9	
13 Pentane	72	1.110	1.110	0.000	95	17073	40.0	44.2	
14 Ethanol	45	1.171	1.171	0.000	94	14948	800.0	1645.7	
15 Ethyl ether	59	1.208	1.208	0.000	58	36111	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	86	42452	20.0	21.0	
17 2-Methyl-1,3-butadiene	53	1.220	1.220	0.000	84	42206	20.0	20.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	98	72417	20.0	20.8	
19 Acrolein	56	1.269	1.269	0.000	96	10185	40.0	38.4	
20 1,1-Dichloroethene	96	1.318	1.318	0.000	97	42543	20.0	20.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	66	47735	20.0	20.8	
22 Acetone	43	1.348	1.348	0.000	86	55700	100.0	93.1	
23 Iodomethane	142	1.391	1.391	0.000	99	20358	20.0	27.1	
24 Carbon disulfide	76	1.421	1.421	0.000	99	154936	20.0	21.2	
25 Isopropyl alcohol	45	1.427	1.427	0.000	31	24052	200.0	214.9	
26 Acetonitrile	40	1.494	1.494	0.000	83	31596	200.0	230.7	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	91	30101	20.0	22.3	
28 Methyl acetate	43	1.519	1.519	0.000	99	61287	40.0	42.5	
29 Cyclopentene	67	1.543	1.543	0.000	96	113871	20.0	20.2	
30 Methylene Chloride	84	1.568	1.568	0.000	94	49566	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	100	29680	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	99	38796	200.0	202.8	
33 Acrylonitrile	53	1.708	1.708	0.000	94	156972	200.0	189.8	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	97	49119	20.0	20.3	
35 Methyl tert-butyl ether	73	1.732	1.732	0.000	97	121025	20.0	20.0	
36 Hexane	57	1.891	1.891	0.000	94	61137	20.0	21.6	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	94	90453	20.0	21.3	
38 Vinyl acetate	86	2.019	2.019	0.000	100	18364	40.0	45.6	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	68	46667	20.0	20.4	
40 Isopropyl ether	45	2.031	2.031	0.000	78	159474	20.0	22.4	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	88	135779	20.0	20.9	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	81	231135	250.0	250.0	
44 2,2-Dichloropropane	97	2.354	2.354	0.000	80	16274	20.0	20.5	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	93	54041	20.0	21.0	
45 2-Butanone (MEK)	43	2.378	2.378	0.000	100	95742	100.0	97.7	
46 Propionitrile	54	2.421	2.421	0.000	98	58707	200.0	225.0	
47 Ethyl acetate	70	2.439	2.439	0.000	98	7921	40.0	39.0	
48 Methyl acrylate	55	2.458	2.458	0.000	96	43047	20.0	19.0	
50 Methacrylonitrile	67	2.531	2.531	0.000	91	186050	200.0	205.0	
49 Chlorobromomethane	128	2.531	2.531	0.000	49	24420	20.0	21.8	
51 Tetrahydrofuran	72	2.573	2.573	0.000	85	11701	40.0	44.7	
52 Chloroform	83	2.598	2.598	0.000	93	89695	20.0	22.1	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	94	121499	50.0	53.0	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	73	73565	20.0	21.0	
55 Cyclohexane	84	2.769	2.769	0.000	92	63703	20.0	19.5	
56 Carbon tetrachloride	117	2.860	2.860	0.000	84	60616	20.0	20.4	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	94	70186	20.0	20.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	92	137954	50.0	55.3	
59 Isobutyl alcohol	43	3.019	3.019	0.000	44	36173	500.0	539.6	
60 Benzene	78	3.025	3.025	0.000	97	193148	20.0	20.8	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	62	63003	20.0	21.0	
62 Isooctane	57	3.116	3.116	0.000	97	105824	20.0	21.3	a
63 Isopropyl acetate	61	3.147	3.147	0.000	92	16534	20.0	20.9	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	75	126337	20.0	20.7	
* 65 Fluorobenzene	96	3.275	3.275	0.000	98	414666	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	88	49383	20.0	23.1	
67 Trichloroethene	95	3.610	3.610	0.000	91	49756	20.0	20.5	
68 n-Butanol	56	3.634	3.634	0.000	82	23286	500.0	536.1	
69 Ethyl acrylate	55	3.774	3.774	0.000	97	104000	20.0	20.6	
70 Methylcyclohexane	83	3.787	3.787	0.000	81	67594	20.0	20.7	
71 1,2-Dichloropropane	63	3.817	3.817	0.000	86	52434	20.0	21.8	
72 Dibromomethane	93	3.933	3.933	0.000	62	29445	20.0	19.9	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	96	19035	1000.0	1000.0	
74 1,4-Dioxane	88	3.988	3.988	0.000	35	8946	400.0	503.2	
75 Methyl methacrylate	100	4.000	4.000	0.000	90	20073	40.0	37.2	
76 n-Propyl acetate	43	4.085	4.085	0.000	98	59783	20.0	21.4	
77 Dichlorobromomethane	83	4.116	4.116	0.000	98	65648	20.0	22.1	
78 2-Nitropropane	41	4.366	4.366	0.000	99	17898	40.0	46.4	
79 2-Chloroethyl vinyl ether	63	4.488	4.488	0.000	91	16303	20.0	16.8	
80 Epichlorohydrin	57	4.524	4.524	0.000	98	79753	400.0	417.6	
81 cis-1,3-Dichloropropene	75	4.610	4.610	0.000	89	77221	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	97	192902	100.0	107.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.902	4.902	0.000	98	413989	50.0	53.3	
84 Toluene	91	4.982	4.982	0.000	93	194747	20.0	20.5	
85 trans-1,3-Dichloropropene	75	5.286	5.286	0.000	96	68938	20.0	21.2	
86 Ethyl methacrylate	69	5.475	5.475	0.000	87	49772	20.0	19.3	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	94	35638	20.0	21.4	
88 Tetrachloroethene	166	5.640	5.640	0.000	91	41835	20.0	20.4	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	91	69970	20.0	20.6	
90 2-Hexanone	43	5.890	5.890	0.000	97	130682	100.0	106.5	
91 Chlorodibromomethane	129	5.975	5.975	0.000	96	44293	20.0	22.0	
92 Ethylene Dibromide	107	6.085	6.085	0.000	99	41371	20.0	20.3	
93 n-Butyl acetate	43	6.122	6.122	0.000	99	60225	20.0	21.1	
* 94 Chlorobenzene-d5	117	6.750	6.750	0.000	86	283247	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	92	123685	20.0	22.4	
96 1,1,1,2-Tetrachloroethane	131	6.932	6.932	0.000	91	41021	20.0	22.1	
97 Ethylbenzene	106	6.993	6.993	0.000	99	61228	20.0	20.5	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	72806	20.0	20.2	
99 o-Xylene	106	7.743	7.743	0.000	91	69160	20.0	19.9	
100 Styrene	104	7.774	7.774	0.000	89	115217	20.0	20.5	
101 n-Butyl acrylate	73	7.871	7.871	0.000	94	29169	20.0	20.9	
102 Bromoform	173	7.987	7.987	0.000	90	23025	20.0	20.3	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	90	68780	20.0	22.6	
104 Isopropylbenzene	105	8.341	8.341	0.000	96	179084	20.0	20.7	
$ 105 4-Bromofluorobenzene	174	8.530	8.530	0.000	82	106904	50.0	54.3	
106 Bromobenzene	156	8.700	8.700	0.000	92	41103	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	8.859	8.859	0.000	91	49242	20.0	20.2	
108 1,2,3-Trichloropropane	110	8.865	8.865	0.000	82	12847	20.0	21.3	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	85	13931	20.0	22.7	
110 N-Propylbenzene	91	8.993	8.993	0.000	98	219087	20.0	20.1	
111 2-Chlorotoluene	91	9.054	9.054	0.000	96	133200	20.0	22.0	
112 4-Ethyltoluene	105	9.194	9.194	0.000	99	163058	20.0	20.3	
113 4-Chlorotoluene	91	9.243	9.243	0.000	99	135341	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	9.310	9.310	0.000	91	129890	20.0	20.7	
115 Butyl Methacrylate	87	9.621	9.621	0.000	91	47768	20.0	21.3	
116 tert-Butylbenzene	119	9.810	9.810	0.000	88	107142	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	98	130880	20.0	20.6	
118 sec-Butylbenzene	105	10.176	10.176	0.000	98	158393	20.0	20.4	
119 1,3-Dichlorobenzene	146	10.255	10.255	0.000	94	70613	20.0	21.1	
* 120 1,4-Dichlorobenzene-d4	152	10.377	10.377	0.000	97	120356	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.420	10.420	0.000	90	71344	20.0	20.8	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	88	123194	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	99	126706	20.0	20.5	
124 Benzyl chloride	91	10.688	10.688	0.000	97	73468	20.0	21.7	
125 2,3-Dihydroindene	117	10.834	10.834	0.000	90	124827	20.0	20.8	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	93	65772	20.0	21.6	
127 p-Diethylbenzene	119	11.108	11.108	0.000	89	60382	20.0	20.5	a
128 n-Butylbenzene	92	11.139	11.139	0.000	97	64773	20.0	20.9	
129 1,2-Dibromo-3-Chloropropane	157	12.090	12.090	0.000	78	6867	20.0	19.3	
130 1,2,4,5-Tetramethylbenzene	119	12.133	12.133	0.000	95	87209	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	93	30370	20.0	18.8	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	92	25442	20.0	18.4	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	54	9435	20.0	17.7	
134 Naphthalene	128	13.151	13.151	0.000	98	68026	20.0	17.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.370	13.370	0.000	92	18855	20.0	16.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.3	
S 137 Xylenes, Total	100				0		40.0	40.1	
S 140 Total BTEX	1				0		100.0	101.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
GASES Li_00383	Amount Added:	20.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Aug-2020 10:35:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38362.D

Injection Date: 28-Aug-2020 07:36:24 Instrument ID: CVOAMS15

Lims ID: CCVIS

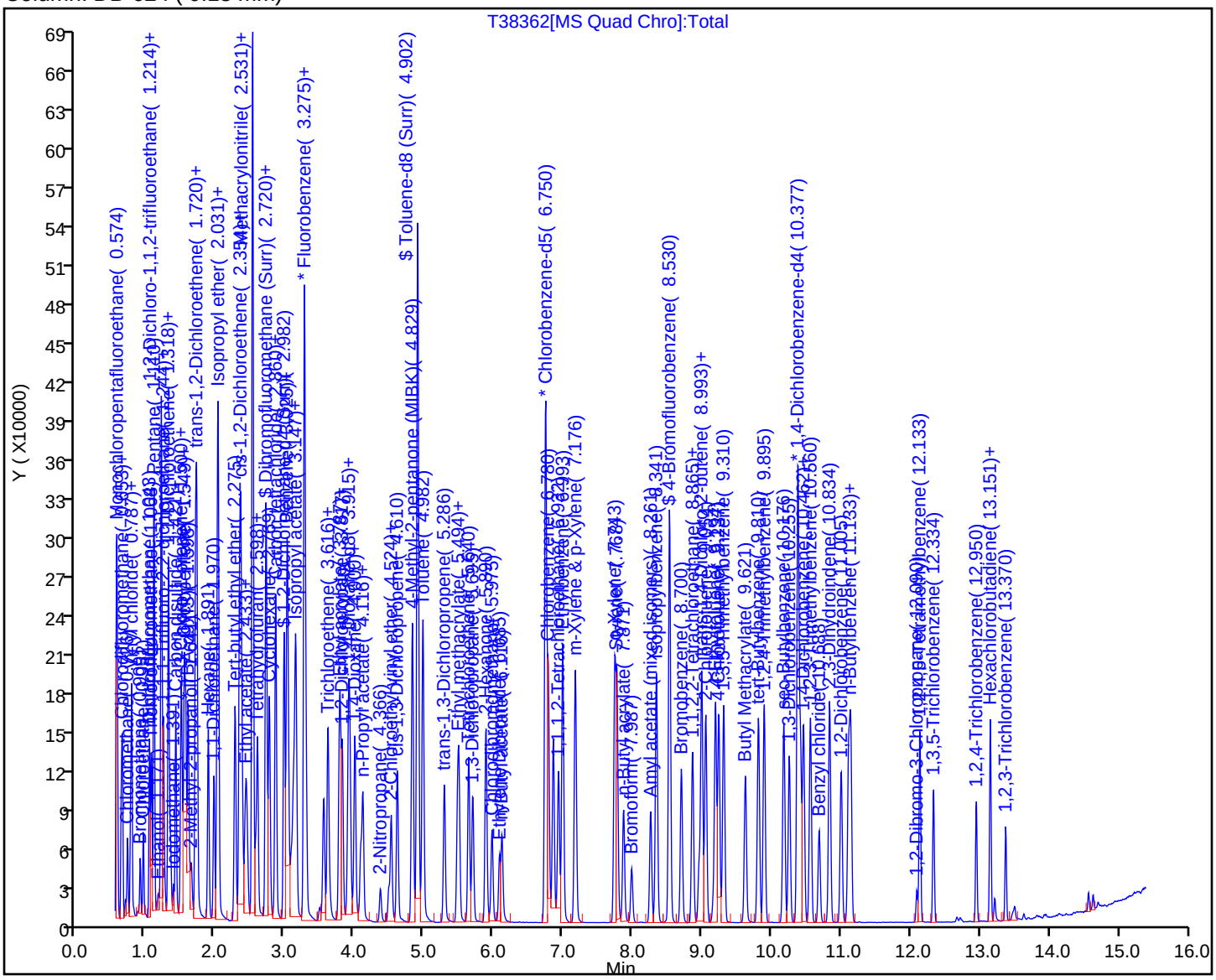
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

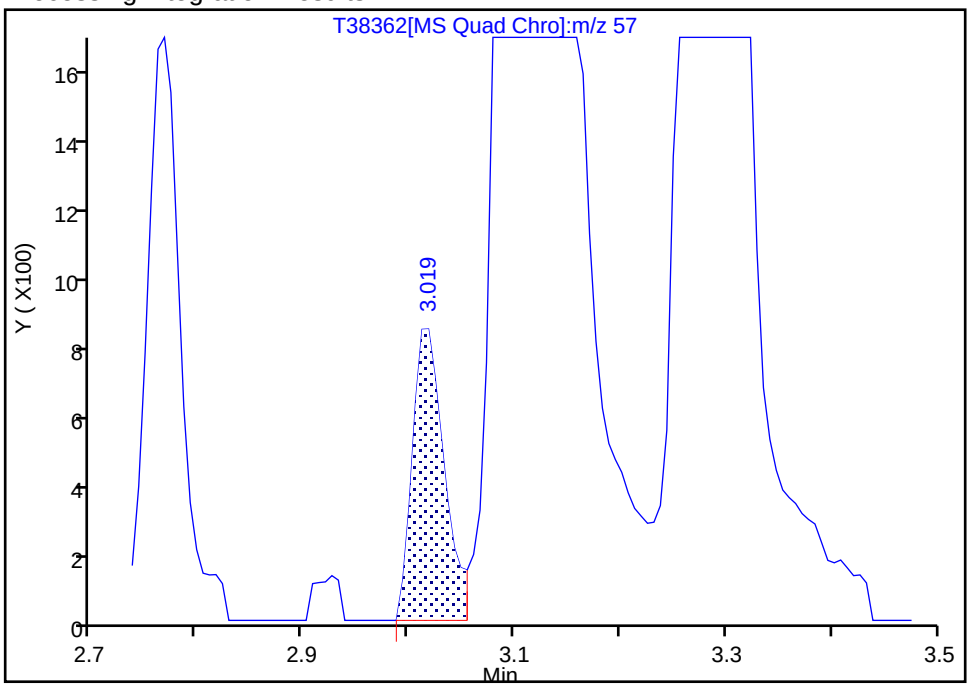
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38362.D
Injection Date: 28-Aug-2020 07:36:24 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

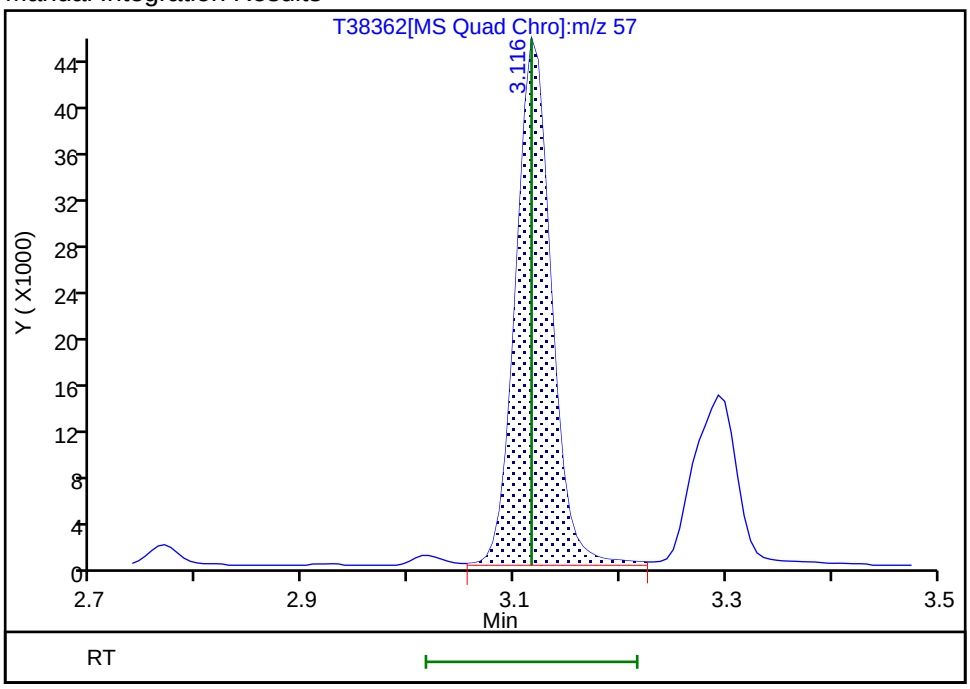
Processing Integration Results

RT: 3.02
Area: 1771
Amount: 0.356530
Amount Units: ug/l



Manual Integration Results

RT: 3.12
Area: 105824
Amount: 21.304017
Amount Units: ug/l



Reviewer: desais, 28-Aug-2020 10:27:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

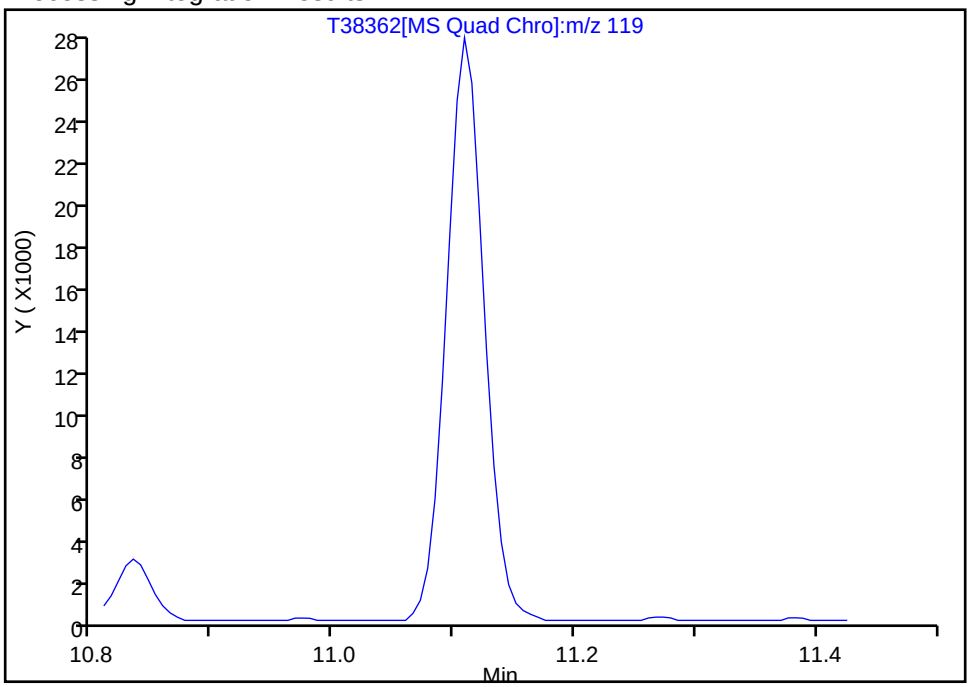
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38362.D
Injection Date: 28-Aug-2020 07:36:24 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

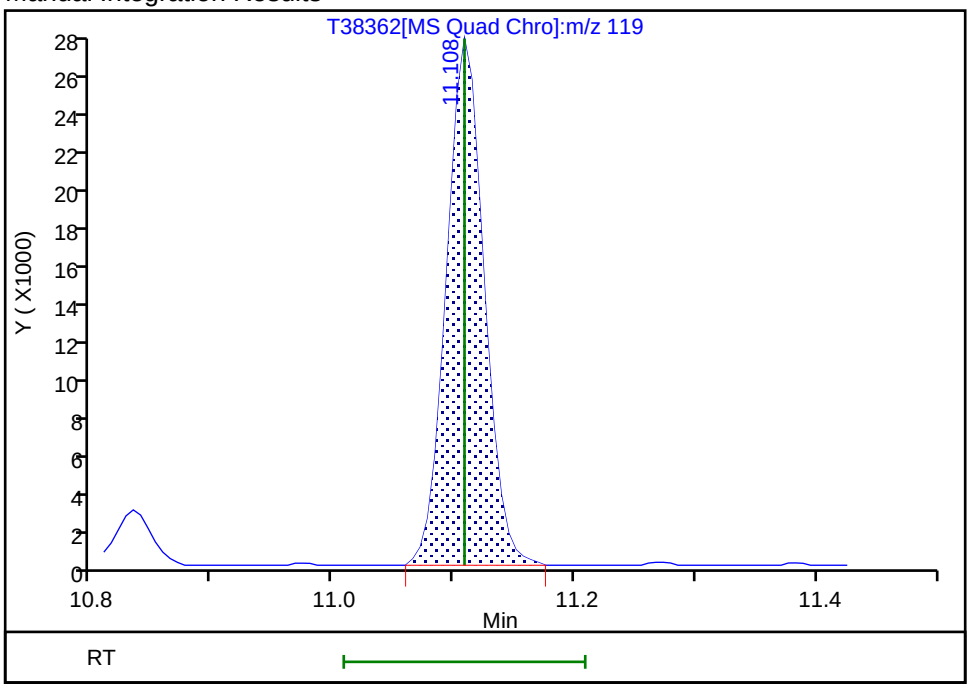
Not Detected
Expected RT: 11.11

Processing Integration Results



Manual Integration Results

RT: 11.11
Area: 60382
Amount: 20.523160
Amount Units: ug/l



Reviewer: desais, 28-Aug-2020 10:25:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-714481/15 Calibration Date: 08/06/2020 13:43

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT127634.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1339	0.0986		14.7	20.0	-26.4	30.0
1,1-Difluoroethane	Ave	0.3522	0.2989		17.0	20.0	-15.1	30.0
Dichlorodifluoromethane	Ave	0.5096	0.3274	0.1000	12.9	20.0	-35.7*	30.0
Chlorodifluoromethane	Ave	0.4739	0.4254		18.0	20.0	-10.2	30.0
Chloromethane	Ave	0.5005	0.4117	0.1000	16.5	20.0	-17.7	30.0
Butadiene	Ave	0.4331	0.3703		17.1	20.0	-14.5	30.0
Vinyl chloride	Ave	0.4805	0.4251	0.1000	17.7	20.0	-11.5	30.0
Bromomethane	Ave	2.850	2.715	0.1000	19.1	20.0	-4.7	30.0
Chloroethane	Ave	2.297	2.070	0.1000	18.0	20.0	-9.9	30.0
Dichlorofluoromethane	Ave	0.5880	0.6231		21.2	20.0	6.0	30.0
Trichlorofluoromethane	Ave	0.4872	0.4695	0.1000	19.3	20.0	-3.6	30.0
Pentane	Ave	0.0601	0.0488		32.5	40.0	-18.7	30.0
Ethanol	Ave	0.3529	0.3169		718	800	-10.2	30.0
Ethyl ether	Ave	0.1671	0.1645		19.7	20.0	-1.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2942	0.2296		15.6	20.0	-21.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2825	0.2632		18.6	20.0	-6.8	30.0
Acrolein	Ave	9.390	3.868		16.5	40.1	-58.8*	30.0
1,1-Dichloroethene	Ave	0.3223	0.3116	0.1000	19.3	20.0	-3.3	30.0
Acetone	Ave	0.7953	0.7002	0.0500	88.0	100	-12.0	30.0
Iodomethane	Ave	0.5816	0.6032		20.7	20.0	3.7	30.0
Isopropyl alcohol	Ave	4.717	4.056		172	200	-14.0	30.0
Carbon disulfide	Ave	1.243	1.261	0.1000	20.3	20.0	1.5	30.0
Allyl chloride	Ave	0.1941	0.1873		19.3	20.0	-3.5	30.0
2-Methyl-2-propanol	Ave	7.385	0.7639		20.7	200	-89.7*	30.0
Acetonitrile	QuaF		0.0905		91.7	200	-54.1*	30.0
Methyl acetate	Ave	0.1898	0.2077	0.1000	43.8	40.0	9.4	30.0
Cyclopentene	Ave	0.7705	0.6590		17.1	20.0	-14.5	30.0
Methylene Chloride	Ave	0.3816	0.4020	0.1000	21.1	20.0	5.4	30.0
Methyl tert-butyl ether	Ave	0.7468	0.7723	0.1000	20.7	20.0	3.4	30.0
trans-1,2-Dichloroethene	Ave	0.3196	0.3105	0.1000	19.4	20.0	-2.9	30.0
Acrylonitrile	Ave	0.1092	0.1139		209	200	4.3	30.0
Hexane	Ave	0.4056	0.3807		18.8	20.0	-6.1	30.0
Isopropyl ether	Ave	0.9191	0.8183		17.8	20.0	-11.0	30.0
1,1-Dichloroethane	Ave	0.5217	0.5057	0.2000	19.4	20.0	-3.1	30.0
Vinyl acetate	Ave	0.5113	0.3288		25.7	40.0	-35.7*	30.0
2-Chloro-1,3-butadiene	Ave	0.2539	0.2185		17.2	20.0	-13.9	30.0
Tert-butyl ethyl ether	Ave	0.8291	0.7352		17.7	20.0	-11.3	30.0
2,2-Dichloropropane	Ave	0.1160	0.1033		17.8	20.0	-11.0	30.0
cis-1,2-Dichloroethene	Ave	0.3406	0.3377	0.1000	19.8	20.0	-0.9	30.0
2-Butanone (MEK)	Ave	0.2949	0.2839	0.0500	96.3	100	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-714481/15 Calibration Date: 08/06/2020 13:43

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT127634.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	QuaF		0.2493		38.7	40.0	-3.4	30.0
Methyl acrylate	Ave	0.2374	0.2028		17.1	20.0	-14.6	30.0
Propionitrile	Ave	9.424	7.572		161	200	-19.6	30.0
Chlorobromomethane	Ave	0.1673	0.1627		19.5	20.0	-2.7	30.0
Tetrahydrofuran	Ave	0.3122	0.3323		42.6	40.0	6.5	30.0
Methacrylonitrile	Ave	0.1141	0.1008		177	200	-11.6	30.0
Chloroform	Ave	0.4760	0.4809	0.2000	20.2	20.0	1.0	30.0
Cyclohexane	Ave	0.4863	0.4851	0.1000	20.0	20.0	-0.2	30.0
1,1,1-Trichloroethane	Ave	0.4488	0.4493	0.1000	20.0	20.0	0.1	30.0
Carbon tetrachloride	Ave	0.3794	0.3723	0.1000	19.6	20.0	-1.9	30.0
1,1-Dichloropropene	Ave	0.3742	0.3547		19.0	20.0	-5.2	30.0
Isobutyl alcohol	Ave	5.155	4.330		420	500	-16.0	30.0
2,2,4-Trimethylpentane	Ave	1.168	0.9441		16.2	20.0	-19.2	30.0
Benzene	Ave	1.513	1.541	0.5000	20.4	20.0	1.9	30.0
Tert-amyl methyl ether	Ave	0.9240	0.8916		19.3	20.0	-3.5	30.0
Isopropyl acetate	Ave	0.1452	0.1315		18.1	20.0	-9.4	30.0
1,2-Dichloroethane	Ave	0.3523	0.3434	0.1000	19.5	20.0	-2.5	30.0
n-Heptane	Ave	0.0778	0.0741		19.0	20.0	-4.8	30.0
n-Butanol	Ave	1.957	1.500		383	500	-23.3	30.0
Trichloroethene	Ave	0.2880	0.2796	0.2000	19.4	20.0	-2.9	30.0
Methylcyclohexane	Ave	0.5668	0.5369	0.1000	18.9	20.0	-5.3	30.0
Ethyl acrylate	QuaF		0.0384		16.2	20.0	-19.1	30.0
1,2-Dichloropropane	Ave	0.2751	0.2748	0.1000	20.0	20.0	-0.1	30.0
Methyl methacrylate	Ave	0.0699	0.0650		37.2	40.0	-7.0	30.0
1,4-Dioxane	Ave	1.146	1.206		421	400	5.2	30.0
Dibromomethane	Ave	0.1753	0.1710		19.5	20.0	-2.4	30.0
n-Propyl acetate	Ave	0.3417	0.3100		18.1	20.0	-9.3	30.0
Dichlorobromomethane	Ave	0.3686	0.3409	0.2000	18.5	20.0	-7.5	30.0
2-Nitropropane	QuaF		0.0529		29.8	40.0	-25.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1730	0.1526		17.6	20.0	-11.8	30.0
Epichlorohydrin	Ave	0.2420	0.2814		23.3	20.0	16.3	30.0
cis-1,3-Dichloropropene	Ave	0.5992	0.5964	0.2000	19.9	20.0	-0.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.273	2.250	0.0500	99.0	100	-1.0	30.0
Toluene	Ave	1.549	1.537	0.4000	19.8	20.0	-0.8	30.0
trans-1,3-Dichloropropene	Ave	0.5579	0.5062	0.1000	18.1	20.0	-9.3	30.0
Ethyl methacrylate	Ave	0.4683	0.4680		20.0	20.0	-0.0	30.0
1,1,2-Trichloroethane	Ave	0.2900	0.2794	0.1000	19.3	20.0	-3.7	30.0
Tetrachloroethene	Ave	0.3884	0.3845	0.2000	19.8	20.0	-1.0	30.0
1,3-Dichloropropane	Ave	0.5300	0.5455		20.6	20.0	2.9	30.0
2-Hexanone	Ave	1.416	1.405	0.0500	99.3	100	-0.7	30.0
n-Butyl acetate	Ave	0.5217	0.4861		18.6	20.0	-6.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-714481/15 Calibration Date: 08/06/2020 13:43

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT127634.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3498	0.3501	0.1000	20.0	20.0	0.0	30.0
Ethylene Dibromide	Ave	0.3254	0.3287	0.1000	20.2	20.0	1.0	30.0
Chlorobenzene	Ave	0.9690	0.9775	0.5000	20.2	20.0	0.9	30.0
Ethylbenzene	Ave	0.5410	0.5246	0.1000	19.4	20.0	-3.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3821	0.3805		19.9	20.0	-0.4	30.0
m-Xylene & p-Xylene	Ave	0.6614	0.6657	0.1000	20.1	20.0	0.6	30.0
o-Xylene	Ave	0.6829	0.7001	0.3000	20.5	20.0	2.5	30.0
n-Butyl acrylate	Ave	0.2928	0.2631		18.0	20.0	-10.1	30.0
Styrene	Ave	1.063	1.099	0.3000	20.7	20.0	3.4	30.0
Bromoform	Ave	0.2280	0.2270	0.1000	19.9	20.0	-0.4	30.0
Amyl acetate (mixed isomers)	Ave	1.186	1.060		17.9	20.0	-10.6	30.0
Isopropylbenzene	Ave	1.816	1.883	0.1000	20.7	20.0	3.7	30.0
Bromobenzene	Ave	0.8190	0.8070		19.7	20.0	-1.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8696	0.8595	0.3000	19.8	20.0	-1.2	30.0
N-Propylbenzene	Ave	4.044	4.048		20.0	20.0	0.1	30.0
1,2,3-Trichloropropane	Ave	0.2357	0.2466		20.9	20.0	4.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1735	0.1869		21.5	20.0	7.7	30.0
2-Chlorotoluene	Ave	2.644	2.693		20.4	20.0	1.8	30.0
4-Ethyltoluene	Ave	3.268	2.900		17.7	20.0	-11.3	30.0
1,3,5-Trimethylbenzene	Ave	2.912	3.008		20.7	20.0	3.3	30.0
4-Chlorotoluene	Ave	2.529	2.608		20.6	20.0	3.1	30.0
Butyl Methacrylate	Ave	0.9851	0.8774		17.8	20.0	-10.9	30.0
tert-Butylbenzene	Ave	2.420	2.448		20.2	20.0	1.2	30.0
1,2,4-Trimethylbenzene	Ave	2.966	3.071		20.7	20.0	3.5	30.0
sec-Butylbenzene	Ave	3.874	3.968		20.5	20.0	2.4	30.0
1,3-Dichlorobenzene	Ave	1.580	1.556	0.6000	19.7	20.0	-1.5	30.0
4-Isopropyltoluene	Ave	3.233	3.375		20.9	20.0	4.4	30.0
1,4-Dichlorobenzene	Ave	1.554	1.586	0.5000	20.4	20.0	2.1	30.0
1,2,3-Trimethylbenzene	Ave	3.079	2.809		18.3	20.0	-8.7	30.0
Benzyl chloride	Ave	1.769	1.355		15.3	20.0	-23.4	30.0
Indan	Ave	2.970	2.696		18.2	20.0	-9.2	30.0
p-Diethylbenzene	Ave	1.764	1.589		18.0	20.0	-9.9	30.0
n-Butylbenzene	Ave	1.718	1.756		20.4	20.0	2.2	30.0
1,2-Dichlorobenzene	Ave	1.590	1.589	0.4000	20.0	20.0	-0.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.505	3.079		17.6	20.0	-12.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2106	0.2121	0.0500	20.1	20.0	0.7	30.0
1,3,5-Trichlorobenzene	Ave	1.528	1.297		17.0	20.0	-15.1	30.0
1,2,4-Trichlorobenzene	Ave	1.466	1.493	0.2000	20.4	20.0	1.8	30.0
Hexachlorobutadiene	Ave	0.6052	0.6199		20.5	20.0	2.4	30.0
Naphthalene	Ave	3.525	3.727		21.1	20.0	5.7	30.0
1,2,3-Trichlorobenzene	Ave	1.397	1.444		20.7	20.0	3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-714481/15 Calibration Date: 08/06/2020 13:43

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT127634.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4731			0.620	20.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3128			0.310	20.0		
Monochloropentafluoroethane	Lin2				0.550	20.0	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.2549	0.2592		50.8	50.0	1.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2772	0.2737		49.4	50.0	-1.3	30.0
Toluene-d8 (Surr)	Ave	1.279	1.338		52.3	50.0	4.7	30.0
4-Bromofluorobenzene	Ave	0.3895	0.3798		48.8	50.0	-2.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127634.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 06-Aug-2020 13:43:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0114599-015
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2020 07:45:54 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1029

First Level Reviewer: kluseys Date: 06-Aug-2020 19:42:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	1.281	1.293	-0.012	97	59448	20.0	17.0	
3 Chlorotrifluoroethene	116	1.275	1.293	-0.018	59	19606	20.0	14.7	
4 Dichlorodifluoromethane	85	1.299	1.318	-0.019	98	65119	20.0	12.9	
5 Chlorodifluoromethane	51	1.318	1.336	-0.018	99	84596	20.0	18.0	
6 Chloromethane	50	1.446	1.458	-0.012	98	81884	20.0	16.5	
8 Butadiene	54	1.507	1.525	-0.018	95	73653	20.0	17.1	
7 Vinyl chloride	62	1.519	1.531	-0.012	97	84535	20.0	17.7	
9 Bromomethane	94	1.738	1.757	-0.019	99	62332	20.0	19.1	
10 Chloroethane	64	1.793	1.805	-0.012	99	47515	20.0	18.0	
11 Dichlorofluoromethane	67	1.946	1.958	-0.012	98	123924	20.0	21.2	
13 Pentane	72	1.958	1.970	-0.012	96	19423	40.0	32.5	
12 Trichlorofluoromethane	101	1.952	1.970	-0.018	61	93376	20.0	19.3	
14 Ethanol	46	2.098	2.116	-0.018	92	12392	800.0	718.5	
15 Ethyl ether	74	2.116	2.128	-0.012	96	32709	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.135	2.147	-0.012	95	45666	20.0	15.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.171	2.183	-0.012	87	52354	20.0	18.6	
19 Acrolein	56	2.269	2.275	-0.006	90	7572	40.1	16.5	
21 1,1-Dichloroethene	96	2.299	2.311	-0.012	98	61975	20.0	19.3	
22 Acetone	43	2.366	2.378	-0.012	87	80373	100.0	88.0	
23 Iodomethane	142	2.433	2.439	-0.006	97	119970	20.0	20.7	
25 Isopropyl alcohol	45	2.446	2.464	-0.018	97	39649	200.0	172.0	
24 Carbon disulfide	76	2.464	2.476	-0.012	99	250880	20.0	20.3	
26 3-Chloro-1-propene	76	2.561	2.573	-0.012	92	37243	20.0	19.3	
27 Methyl acetate	43	2.574	2.586	-0.012	98	82608	40.0	43.8	
28 Cyclopentene	67	2.580	2.592	-0.012	92	131054	20.0	17.1	
29 Acetonitrile	40	2.574	2.634	-0.060	76	20786	200.0	91.7	
* 31 TBA-d9 (IS)	66	2.671	2.683	-0.012	99	48878	1000.0	1000.0	
30 Methylene Chloride	84	2.677	2.689	-0.012	92	79948	20.0	21.1	
32 2-Methyl-2-propanol	59	2.574	2.750	-0.176	29	7468	200.0	20.7	
33 Methyl tert-butyl ether	73	2.824	2.830	-0.006	98	153598	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.836	2.848	-0.012	94	61748	20.0	19.4	
35 Acrylonitrile	53	2.903	2.915	-0.012	95	226493	200.0	208.6	
36 Hexane	57	2.970	2.982	-0.012	93	75717	20.0	18.8	
37 Isopropyl ether	45	3.171	3.177	-0.006	96	162736	20.0	17.8	
38 1,1-Dichloroethane	63	3.189	3.195	-0.006	99	100563	20.0	19.4	
39 Vinyl acetate	86	3.208	3.214	-0.006	100	15096	40.0	25.7	
40 2-Chloro-1,3-butadiene	88	3.226	3.238	-0.012	90	43454	20.0	17.2	
41 Tert-butyl ethyl ether	59	3.451	3.457	-0.006	89	146215	20.0	17.7	
* 42 2-Butanone-d5	46	3.628	3.634	-0.006	95	286961	250.0	250.0	
43 2,2-Dichloropropane	97	3.647	3.653	-0.006	86	20539	20.0	17.8	
44 cis-1,2-Dichloroethene	96	3.659	3.665	-0.006	98	67154	20.0	19.8	
45 2-Butanone (MEK)	72	3.677	3.683	-0.006	97	32589	100.0	96.3	
46 Ethyl acetate	70	3.683	3.695	-0.012	95	11448	40.0	38.7	
47 Methyl acrylate	55	3.732	3.738	-0.006	100	40329	20.0	17.1	
48 Propionitrile	54	3.799	3.805	-0.006	98	74025	200.0	160.7	
50 Tetrahydrofuran	72	3.866	3.872	-0.006	60	15257	40.0	42.6	
49 Chlorobromomethane	128	3.860	3.872	-0.012	87	32356	20.0	19.5	
51 Methacrylonitrile	67	3.890	3.896	-0.006	92	200541	200.0	176.7	
52 Chloroform	83	3.915	3.921	-0.006	99	95648	20.0	20.2	
53 Cyclohexane	84	4.031	4.037	-0.006	91	96481	20.0	20.0	
54 1,1,1-Trichloroethane	97	4.043	4.049	-0.006	98	89363	20.0	20.0	
$ 55 Dibromofluoromethane (Surr)	113	4.055	4.067	-0.012	97	128878	50.0	50.8	
56 Carbon tetrachloride	117	4.153	4.159	-0.006	97	74042	20.0	19.6	
57 1,1-Dichloropropene	75	4.177	4.189	-0.012	97	70537	20.0	19.0	
58 Isobutyl alcohol	43	4.317	4.329	-0.012	94	105817	500.0	420.0	
59 Isooctane	57	4.342	4.348	-0.006	99	187752	20.0	16.2	
60 Benzene	78	4.360	4.366	-0.006	97	217518	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.378	4.384	-0.006	96	136076	50.0	49.4	
62 Tert-amyl methyl ether	73	4.433	4.445	-0.012	80	177311	20.0	19.3	
63 Isopropyl acetate	61	4.445	4.451	-0.006	94	26155	20.0	18.1	
64 1,2-Dichloroethane	62	4.451	4.457	-0.006	97	68297	20.0	19.5	
65 n-Heptane	100	4.518	4.524	-0.006	93	14734	20.0	19.0	
* 66 Fluorobenzene	96	4.634	4.640	-0.006	99	497195	50.0	50.0	
67 n-Butanol	56	4.945	4.951	-0.006	89	36670	500.0	383.4	
68 Trichloroethene	95	4.963	4.969	-0.006	98	55606	20.0	19.4	
69 Methylcyclohexane	83	5.079	5.085	-0.006	96	106781	20.0	18.9	
70 Ethyl acrylate	99	5.091	5.103	-0.012	97	7632	20.0	16.2	
71 1,2-Dichloropropane	63	5.238	5.244	-0.006	90	54647	20.0	20.0	
* 72 1,4-Dioxane-d8	96	5.299	5.305	-0.006	88	27703	1000.0	1000.0	
73 Methyl methacrylate	100	5.329	5.335	-0.006	90	25868	40.0	37.2	
75 1,4-Dioxane	88	5.354	5.353	0.001	43	13360	400.0	420.8	
74 Dibromomethane	93	5.360	5.360	0.000	96	34018	20.0	19.5	
76 n-Propyl acetate	43	5.390	5.396	-0.006	98	61647	20.0	18.1	
77 Dichlorobromomethane	83	5.506	5.512	-0.006	99	67800	20.0	18.5	
78 2-Nitropropane	41	5.841	5.841	0.000	83	21050	40.0	29.8	
79 2-Chloroethyl vinyl ether	63	5.847	5.847	0.000	86	30346	20.0	17.6	
80 Epichlorohydrin	57	5.945	5.945	0.000	94	6461	20.0	23.3	
81 cis-1,3-Dichloropropene	75	5.994	5.994	0.000	92	84165	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.164	6.164	0.000	97	258270	100.0	99.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.225	-0.006	99	472230	50.0	52.3	
84 Toluene	91	6.292	6.298	-0.006	93	216945	20.0	19.8	
85 trans-1,3-Dichloropropene	75	6.646	6.646	0.000	96	71434	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.695	6.695	0.000	91	66052	20.0	20.0	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	96	39430	20.0	19.3	
88 Tetrachloroethene	166	6.878	6.878	0.000	97	54259	20.0	19.8	
89 1,3-Dichloropropane	76	7.048	7.048	0.000	94	76987	20.0	20.6	
90 2-Hexanone	43	7.134	7.134	0.000	95	161296	100.0	99.3	
91 n-Butyl acetate	43	7.256	7.255	0.001	99	68598	20.0	18.6	
92 Chlorodibromomethane	129	7.268	7.268	0.000	99	49404	20.0	20.0	
93 Ethylene Dibromide	107	7.408	7.408	0.000	100	46392	20.0	20.2	
* 94 Chlorobenzene-d5	117	7.944	7.950	-0.006	86	352827	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	95	137961	20.0	20.2	
96 Ethylbenzene	106	8.097	8.097	0.000	98	74039	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.103	8.109	-0.006	97	53703	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.255	8.255	0.000	96	93950	20.0	20.1	
99 o-Xylene	106	8.767	8.767	0.000	94	98803	20.0	20.5	
100 n-Butyl acrylate	73	8.792	8.792	0.000	97	37131	20.0	18.0	
101 Styrene	104	8.804	8.804	0.000	95	155094	20.0	20.7	
102 Bromoform	173	9.060	9.060	0.000	96	32033	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.097	9.097	0.000	90	78057	20.0	17.9	
104 Isopropylbenzene	105	9.237	9.237	0.000	96	265799	20.0	20.7	
$ 105 4-Bromofluorobenzene	174	9.469	9.468	0.001	0	134017	50.0	48.8	
106 Bromobenzene	156	9.615	9.615	0.000	97	59400	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.706	9.706	0.000	99	63269	20.0	19.8	
108 N-Propylbenzene	91	9.725	9.725	0.001	99	298005	20.0	20.0	
109 1,2,3-Trichloropropane	110	9.749	9.749	0.000	97	18151	20.0	20.9	
110 trans-1,4-Dichloro-2-butene	53	9.786	9.785	0.001	91	13757	20.0	21.5	
111 2-Chlorotoluene	91	9.834	9.834	0.000	96	198240	20.0	20.4	
112 4-Ethyltoluene	105	9.865	9.865	0.000	98	213436	20.0	17.7	
113 1,3,5-Trimethylbenzene	105	9.944	9.944	0.000	92	221402	20.0	20.7	
114 4-Chlorotoluene	91	9.968	9.968	0.000	98	191964	20.0	20.6	
115 Butyl Methacrylate	87	10.084	10.084	0.000	91	64583	20.0	17.8	
116 tert-Butylbenzene	119	10.261	10.261	0.000	94	180196	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	10.328	10.334	-0.006	98	226056	20.0	20.7	
118 sec-Butylbenzene	105	10.487	10.487	0.000	99	292076	20.0	20.5	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	114531	20.0	19.7	
120 4-Isopropyltoluene	119	10.639	10.639	0.000	98	248445	20.0	20.9	
* 121 1,4-Dichlorobenzene-d4	152	10.688	10.688	0.000	95	184024	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.712	0.000	96	116769	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	10.743	10.743	0.000	99	206802	20.0	18.3	
124 Benzyl chloride	91	10.865	10.865	0.000	98	99737	20.0	15.3	
125 2,3-Dihydroindene	117	10.919	10.919	0.000	95	198421	20.0	18.2	
126 p-Diethylbenzene	119	10.999	10.999	0.000	93	116977	20.0	18.0	
127 n-Butylbenzene	92	11.023	11.023	0.000	98	129290	20.0	20.4	
128 1,2-Dichlorobenzene	146	11.054	11.054	0.000	96	116991	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	97	226649	20.0	17.6	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	96	15615	20.0	20.1	
131 1,3,5-Trichlorobenzene	180	11.877	11.877	0.000	97	95481	20.0	17.0	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	109876	20.0	20.4	
133 Hexachlorobutadiene	225	12.480	12.480	0.000	95	45628	20.0	20.5	
134 Naphthalene	128	12.578	12.578	0.000	99	274326	20.0	21.1	
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.001	95	106314	20.0	20.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 137 Xylenes, Total	100				0		40.0	40.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 140 Total BTEX	1				0		100.0	100.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.1	

Reagents:

8FreonsSS_00022	Amount Added:	20.00	Units: uL	
8260 SP_00128	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00115	Amount Added:	4.00	Units: uL	
GAS C SP_00368	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 07-Aug-2020 07:46:13 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127634.D

Injection Date: 06-Aug-2020 13:43:30 Instrument ID: CVOAMS17

Lims ID: ICV

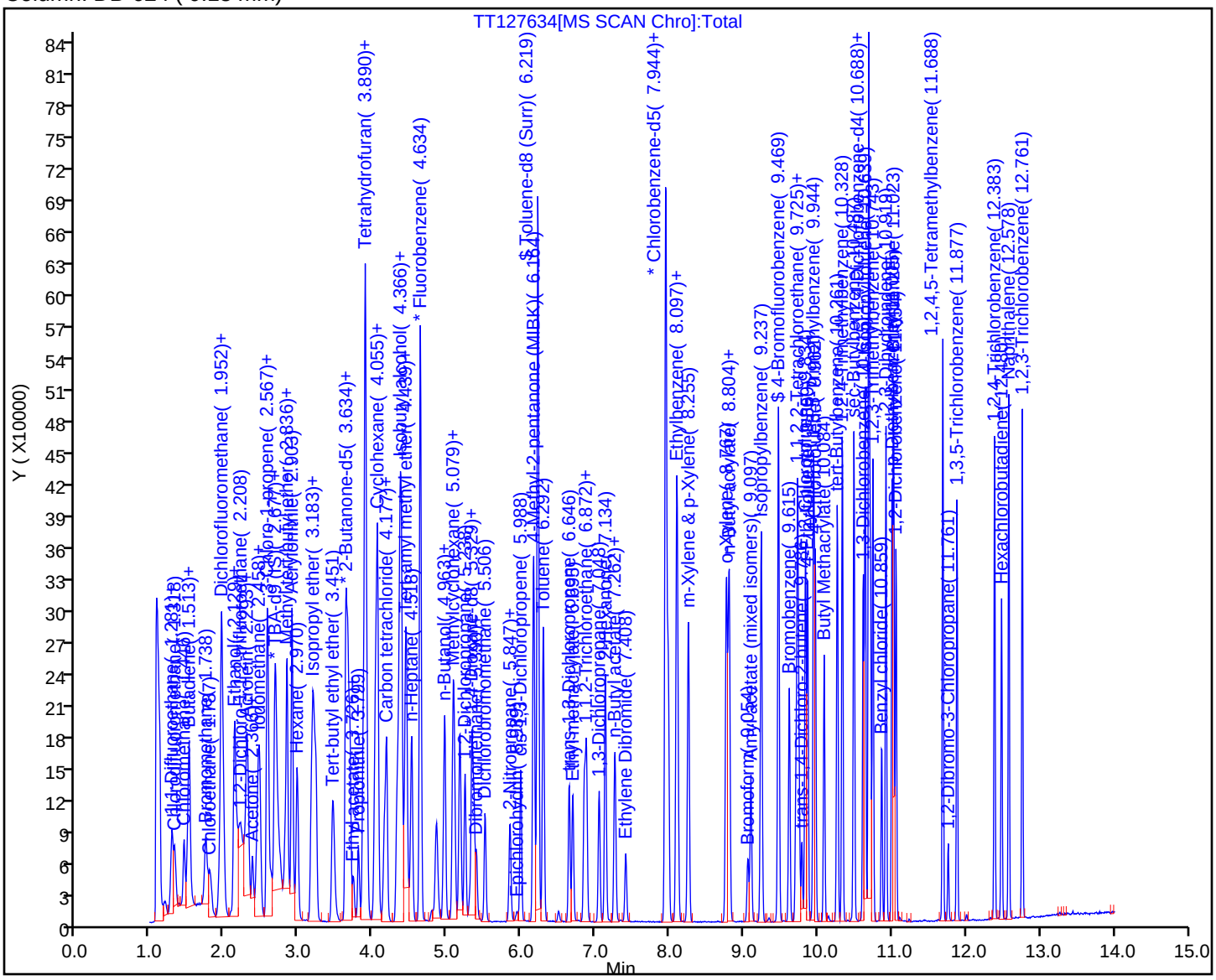
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721264/2 Calibration Date: 09/02/2020 06:41

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129118.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin2		0.0311		20.0	20.0	-0.2	20.0
1,1-Difluoroethane	Ave	0.3522	0.3877		22.0	20.0	10.1	20.0
Chlorotrifluoroethene	Ave	0.1339	0.1353		20.2	20.0	1.1	20.0
Dichlorodifluoromethane	Ave	0.5096	0.4860	0.1000	19.1	20.0	-4.6	20.0
Chlorodifluoromethane	Ave	0.4739	0.4813		20.3	20.0	1.6	20.0
Chloromethane	Ave	0.5005	0.5229	0.1000	20.9	20.0	4.5	20.0
Butadiene	Ave	0.4331	0.4316		19.9	20.0	-0.4	20.0
Vinyl chloride	Ave	0.4805	0.4912	0.1000	20.4	20.0	2.2	20.0
Bromomethane	Ave	2.850	3.375	0.1000	23.7	20.0	18.4	50.0
Chloroethane	Ave	2.297	2.603	0.1000	22.7	20.0	13.3	50.0
Dichlorofluoromethane	Ave	0.5880	0.6682		22.7	20.0	13.6	20.0
Pentane	Ave	0.0601	0.0543		36.2	40.0	-9.6	20.0
Trichlorofluoromethane	Ave	0.4872	0.4894	0.1000	20.1	20.0	0.4	20.0
Ethanol	Ave	0.3529	0.4078		925	800	15.6	50.0
Ethyl ether	Ave	0.1671	0.1645		19.7	20.0	-1.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2942	0.2742		18.6	20.0	-6.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2825	0.2814		19.9	20.0	-0.4	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4731	0.4802		20.3	20.0	1.5	20.0
Acrolein	Ave	9.390	8.980		38.3	40.0	-4.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3128	0.3049	0.1000	19.5	20.0	-2.5	20.0
1,1-Dichloroethene	Ave	0.3223	0.3004	0.1000	18.6	20.0	-6.8	20.0
Acetone	Ave	0.7953	0.7233	0.0500	91.0	100	-9.0	50.0
Iodomethane	Ave	0.5816	0.5448		18.7	20.0	-6.3	20.0
Isopropyl alcohol	Ave	4.717	4.231		179	200	-10.3	50.0
Carbon disulfide	Ave	1.243	1.265	0.1000	20.4	20.0	1.8	50.0
Allyl chloride	Ave	0.1941	0.1870		19.3	20.0	-3.6	20.0
Cyclopentene	Ave	0.7705	0.7414		19.2	20.0	-3.8	20.0
Methyl acetate	Ave	0.1898	0.2070	0.1000	43.6	40.0	9.1	20.0
Acetonitrile	QuaF		0.2279		231	200	15.6	20.0
Methylene Chloride	Ave	0.3816	0.3694	0.1000	19.4	20.0	-3.2	20.0
2-Methyl-2-propanol	Ave	7.385	7.030		190	200	-4.8	50.0
Methyl tert-butyl ether	Ave	0.7468	0.7503	0.1000	20.1	20.0	0.5	20.0
trans-1,2-Dichloroethene	Ave	0.3196	0.3181	0.1000	19.9	20.0	-0.5	20.0
Acrylonitrile	Ave	0.1092	0.1133		207	200	3.7	20.0
Hexane	Ave	0.4056	0.3931		19.4	20.0	-3.1	20.0
Isopropyl ether	Ave	0.9191	0.9259		20.1	20.0	0.7	20.0
1,1-Dichloroethane	Ave	0.5217	0.5274	0.2000	20.2	20.0	1.1	20.0
Vinyl acetate	Ave	0.5113	0.5294		41.4	40.0	3.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2539	0.2503		19.7	20.0	-1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721264/2 Calibration Date: 09/02/2020 06:41

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129118.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8291	0.8275		20.0	20.0	-0.2	20.0
2,2-Dichloropropane	Ave	0.1160	0.1069		18.4	20.0	-7.8	20.0
cis-1,2-Dichloroethene	Ave	0.3406	0.3431	0.1000	20.1	20.0	0.7	20.0
2-Butanone (MEK)	Ave	0.2949	0.2641	0.0500	89.5	100	-10.5	50.0
Ethyl acetate	QuaF		0.2468		38.3	40.0	-4.3	20.0
Methyl acrylate	Ave	0.2374	0.2156		18.2	20.0	-9.2	20.0
Propionitrile	Ave	9.424	9.018		191	200	-4.3	20.0
Chlorobromomethane	Ave	0.1673	0.1551		18.5	20.0	-7.3	20.0
Tetrahydrofuran	Ave	0.3122	0.3385		43.4	40.0	8.4	20.0
Methacrylonitrile	Ave	0.1141	0.1114		195	200	-2.3	20.0
Chloroform	Ave	0.4760	0.4984	0.2000	20.9	20.0	4.7	20.0
Cyclohexane	Ave	0.4863	0.4413	0.1000	18.1	20.0	-9.3	50.0
1,1,1-Trichloroethane	Ave	0.4488	0.4279	0.1000	19.1	20.0	-4.7	20.0
Carbon tetrachloride	Ave	0.3794	0.3319	0.1000	17.5	20.0	-12.5	20.0
1,1-Dichloropropene	Ave	0.3742	0.3563		19.0	20.0	-4.8	20.0
Isobutyl alcohol	Ave	5.155	4.427		429	500	-14.1	50.0
2,2,4-Trimethylpentane	Ave	1.168	1.086		18.6	20.0	-7.0	20.0
Benzene	Ave	1.513	1.688	0.5000	22.3	20.0	11.6	20.0
Tert-amyl methyl ether	Ave	0.9240	0.9133		19.8	20.0	-1.2	20.0
Isopropyl acetate	Ave	0.1452	0.1317		18.1	20.0	-9.3	20.0
1,2-Dichloroethane	Ave	0.3523	0.3369	0.1000	19.1	20.0	-4.4	20.0
n-Heptane	Ave	0.0778	0.0730		18.8	20.0	-6.2	20.0
n-Butanol	Ave	1.957	1.432		366	500	-26.8	50.0
Trichloroethene	Ave	0.2880	0.2700	0.2000	18.7	20.0	-6.3	20.0
Methylcyclohexane	Ave	0.5668	0.4872	0.1000	17.2	20.0	-14.0	50.0
Ethyl acrylate	QuaF		0.0381		16.1	20.0	-19.7	20.0
1,2-Dichloropropane	Ave	0.2751	0.2598	0.1000	18.9	20.0	-5.6	20.0
Methyl methacrylate	Ave	0.0699	0.0572		32.7	40.0	-18.1	20.0
1,4-Dioxane	Ave	1.146	1.170		409	400	2.1	50.0
Dibromomethane	Ave	0.1753	0.1610		18.4	20.0	-8.2	20.0
n-Propyl acetate	Ave	0.3417	0.2976		17.4	20.0	-12.9	20.0
Dichlorobromomethane	Ave	0.3686	0.3274	0.2000	17.8	20.0	-11.2	20.0
2-Nitropropane	QuaF		0.0523		29.4	40.0	-26.5*	20.0
2-Chloroethyl vinyl ether	Ave	0.1730	0.1311		15.2	20.0	-24.2*	20.0
Epichlorohydrin	Ave	0.2420	0.2292		379	400	-5.3	20.0
cis-1,3-Dichloropropene	Ave	0.5992	0.6059	0.2000	20.2	20.0	1.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.273	2.088	0.0500	91.9	100	-8.1	50.0
Toluene	Ave	1.549	1.595	0.4000	20.6	20.0	3.0	20.0
trans-1,3-Dichloropropene	Ave	0.5579	0.5010	0.1000	18.0	20.0	-10.2	50.0
Ethyl methacrylate	Ave	0.4683	0.4163		17.8	20.0	-11.1	20.0
1,1,2-Trichloroethane	Ave	0.2900	0.2740	0.1000	18.9	20.0	-5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721264/2 Calibration Date: 09/02/2020 06:41

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129118.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3884	0.3658	0.2000	18.8	20.0	-5.8	20.0
1,3-Dichloropropane	Ave	0.5300	0.5209		19.7	20.0	-1.7	20.0
2-Hexanone	Ave	1.416	1.166	0.0500	82.4	100	-17.6	50.0
n-Butyl acetate	Ave	0.5217	0.4719		18.1	20.0	-9.6	20.0
Chlorodibromomethane	Ave	0.3498	0.3147	0.1000	18.0	20.0	-10.0	50.0
Ethylene Dibromide	Ave	0.3254	0.3126	0.1000	19.2	20.0	-3.9	20.0
Chlorobenzene	Ave	0.9690	0.9440	0.5000	19.5	20.0	-2.6	20.0
Ethylbenzene	Ave	0.5410	0.5180	0.1000	19.1	20.0	-4.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3821	0.3744		19.6	20.0	-2.0	20.0
m-Xylene & p-Xylene	Ave	0.6614	0.6512	0.1000	19.7	20.0	-1.5	20.0
o-Xylene	Ave	0.6829	0.6923	0.3000	20.3	20.0	1.4	20.0
n-Butyl acrylate	Ave	0.2928	0.2514		17.2	20.0	-14.2	20.0
Styrene	Ave	1.063	1.019	0.3000	19.2	20.0	-4.2	20.0
Bromoform	Ave	0.2280	0.1983	0.1000	17.4	20.0	-13.0	20.0
Amyl acetate (mixed isomers)	Ave	1.186	1.192		20.1	20.0	0.5	20.0
Isopropylbenzene	Ave	1.816	1.841	0.1000	20.3	20.0	1.4	20.0
Bromobenzene	Ave	0.8190	0.8046		19.6	20.0	-1.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8696	0.9339	0.3000	21.5	20.0	7.4	20.0
N-Propylbenzene	Ave	4.044	4.328		21.4	20.0	7.0	20.0
1,2,3-Trichloropropane	Ave	0.2357	0.2468		20.9	20.0	4.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1735	0.2027		23.4	20.0	16.8	20.0
2-Chlorotoluene	Ave	2.644	2.968		22.4	20.0	12.2	20.0
4-Ethyltoluene	Ave	3.268	3.451		21.1	20.0	5.6	20.0
1,3,5-Trimethylbenzene	Ave	2.912	3.122		21.4	20.0	7.2	20.0
4-Chlorotoluene	Ave	2.529	2.747		21.7	20.0	8.6	20.0
Butyl Methacrylate	Ave	0.9851	0.9579		19.4	20.0	-2.8	20.0
tert-Butylbenzene	Ave	2.420	2.451		20.3	20.0	1.3	20.0
1,2,4-Trimethylbenzene	Ave	2.966	3.180		21.4	20.0	7.2	20.0
sec-Butylbenzene	Ave	3.874	4.090		21.1	20.0	5.6	20.0
1,3-Dichlorobenzene	Ave	1.580	1.624	0.6000	20.6	20.0	2.8	20.0
4-Isopropyltoluene	Ave	3.233	3.417		21.1	20.0	5.7	20.0
1,4-Dichlorobenzene	Ave	1.554	1.639	0.5000	21.1	20.0	5.5	20.0
1,2,3-Trimethylbenzene	Ave	3.079	3.381		22.0	20.0	9.8	20.0
Benzyl chloride	Ave	1.769	1.734		19.6	20.0	-2.0	50.0
Indan	Ave	2.970	3.099		20.9	20.0	4.3	20.0
p-Diethylbenzene	Ave	1.764	1.807		20.5	20.0	2.4	20.0
n-Butylbenzene	Ave	1.718	1.960		22.8	20.0	14.1	20.0
1,2-Dichlorobenzene	Ave	1.590	1.645	0.4000	20.7	20.0	3.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.505	3.466		19.8	20.0	-1.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2106	0.1964	0.0500	18.7	20.0	-6.7	50.0
1,3,5-Trichlorobenzene	Ave	1.528	1.547		20.2	20.0	1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721264/2 Calibration Date: 09/02/2020 06:41

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129118.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.466	1.482	0.2000	20.2	20.0	1.1	20.0
Hexachlorobutadiene	Ave	0.6052	0.5538		18.3	20.0	-8.5	20.0
Naphthalene	Ave	3.525	3.515		19.9	20.0	-0.3	50.0
1,2,3-Trichlorobenzene	Ave	1.397	1.324		19.0	20.0	-5.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2549	0.2480		48.6	50.0	-2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2772	0.2705		48.8	50.0	-2.4	20.0
Toluene-d8 (Surr)	Ave	1.279	1.280		50.1	50.0	0.1	20.0
4-Bromofluorobenzene	Ave	0.3895	0.3479		44.7	50.0	-10.7	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129118.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Sep-2020 06:41:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0116143-002
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:49:13 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1025

First Level Reviewer: desais Date: 02-Sep-2020 07:03:17

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.214	1.214	0.000	86	7312	20.0	20.0	
3	Chlorotrifluoroethene	116	1.293	1.293	0.000	57	31849	20.0	20.2	
2	1,1-Difluoroethane	51	1.293	1.293	0.000	98	91245	20.0	22.0	
4	Dichlorodifluoromethane	85	1.324	1.324	0.000	99	114378	20.0	19.1	
5	Chlorodifluoromethane	51	1.336	1.336	0.000	100	113262	20.0	20.3	
6	Chloromethane	50	1.458	1.458	0.000	99	123048	20.0	20.9	
8	Butadiene	54	1.525	1.525	0.000	95	101561	20.0	19.9	
7	Vinyl chloride	62	1.531	1.531	0.000	98	115605	20.0	20.4	
9	Bromomethane	94	1.756	1.756	0.000	99	86330	20.0	23.7	
10	Chloroethane	64	1.811	1.811	0.000	99	66566	20.0	22.7	
11	Dichlorofluoromethane	67	1.964	1.964	0.000	98	157240	20.0	22.7	
12	Trichlorofluoromethane	101	1.976	1.976	0.000	58	115165	20.0	20.1	
13	Pentane	72	1.976	1.976	0.000	97	25569	40.0	36.2	
14	Ethanol	46	2.134	2.134	0.000	96	16736	800.0	924.5	
15	Ethyl ether	74	2.141	2.141	0.000	94	38723	20.0	19.7	
16	2-Methyl-1,3-butadiene	53	2.159	2.159	0.000	97	64526	20.0	18.6	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.195	2.195	0.000	85	66213	20.0	19.9	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.244	2.244	0.000	94	113018	20.0	20.3	a
19	Acrolein	56	2.293	2.293	0.000	94	18427	40.0	38.3	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.305	2.305	0.000	90	71744	20.0	19.5	
21	1,1-Dichloroethene	96	2.317	2.317	0.000	98	70704	20.0	18.6	
22	Acetone	43	2.397	2.397	0.000	87	92498	100.0	91.0	
23	Iodomethane	142	2.451	2.451	0.000	97	128210	20.0	18.7	
25	Isopropyl alcohol	45	2.476	2.476	0.000	35	43412	200.0	179.4	
24	Carbon disulfide	76	2.482	2.482	0.000	99	297790	20.0	20.4	
26	3-Chloro-1-propene	76	2.592	2.592	0.000	92	44018	20.0	19.3	
27	Methyl acetate	43	2.604	2.604	0.000	99	97409	40.0	43.6	
28	Cyclopentene	67	2.604	2.604	0.000	92	174479	20.0	19.2	
29	Acetonitrile	40	2.653	2.653	0.000	99	58278	200.0	231.1	
* 31	TBA-d9 (IS)	66	2.701	2.701	0.000	99	51301	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.701	2.701	0.000	91	86943	20.0	19.4	
32 2-Methyl-2-propanol	59	2.762	2.762	0.000	96	72133	200.0	190.4	a
33 Methyl tert-butyl ether	73	2.848	2.848	0.000	97	176572	20.0	20.1	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	94	74854	20.0	19.9	
35 Acrylonitrile	53	2.933	2.933	0.000	94	266583	200.0	207.5	
36 Hexane	57	3.006	3.006	0.000	94	92510	20.0	19.4	
37 Isopropyl ether	45	3.201	3.201	0.000	97	217906	20.0	20.1	
38 1,1-Dichloroethane	63	3.220	3.220	0.000	99	124114	20.0	20.2	
39 Vinyl acetate	86	3.238	3.238	0.000	100	27081	40.0	41.4	
40 2-Chloro-1,3-butadiene	88	3.256	3.256	0.000	90	58913	20.0	19.7	
41 Tert-butyl ethyl ether	59	3.482	3.482	0.000	89	194728	20.0	20.0	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	95	319694	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	64	25157	20.0	18.4	
44 cis-1,2-Dichloroethene	96	3.683	3.683	0.000	98	80738	20.0	20.1	
45 2-Butanone (MEK)	72	3.713	3.713	0.000	96	33772	100.0	89.5	
46 Ethyl acetate	70	3.713	3.713	0.000	96	12625	40.0	38.3	
47 Methyl acrylate	55	3.756	3.756	0.000	100	50735	20.0	18.2	
48 Propionitrile	54	3.829	3.829	0.000	99	92524	200.0	191.4	
49 Chlorobromomethane	128	3.890	3.890	0.000	89	36500	20.0	18.5	
50 Tetrahydrofuran	72	3.896	3.896	0.000	87	17313	40.0	43.4	
51 Methacrylonitrile	67	3.915	3.915	0.000	93	262276	200.0	195.3	
52 Chloroform	83	3.939	3.939	0.000	98	117284	20.0	20.9	
53 Cyclohexane	84	4.055	4.055	0.000	91	103848	20.0	18.1	
54 1,1,1-Trichloroethane	97	4.073	4.073	0.000	99	100700	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	97	145887	50.0	48.6	
56 Carbon tetrachloride	117	4.177	4.177	0.000	98	78107	20.0	17.5	
57 1,1-Dichloropropene	75	4.201	4.201	0.000	97	83843	20.0	19.0	
58 Isobutyl alcohol	43	4.347	4.347	0.000	92	113563	500.0	429.5	
59 Isooctane	57	4.366	4.366	0.000	99	255554	20.0	18.6	
60 Benzene	78	4.384	4.384	0.000	97	260480	20.0	22.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.402	4.402	0.000	95	159135	50.0	48.8	
62 Tert-amyl methyl ether	73	4.457	4.457	0.000	84	214934	20.0	19.8	
63 Isopropyl acetate	61	4.463	4.463	0.000	94	30990	20.0	18.1	
64 1,2-Dichloroethane	62	4.475	4.475	0.000	96	79273	20.0	19.1	
65 n-Heptane	100	4.543	4.543	0.000	94	17176	20.0	18.8	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	588333	50.0	50.0	
67 n-Butanol	56	4.963	4.963	0.000	88	36741	500.0	366.0	
68 Trichloroethene	95	4.981	4.981	0.000	97	63534	20.0	18.7	
69 Methylcyclohexane	83	5.103	5.103	0.000	96	114661	20.0	17.2	
70 Ethyl acrylate	99	5.122	5.122	0.000	97	8956	20.0	16.1	a
71 1,2-Dichloropropane	63	5.256	5.256	0.000	90	61132	20.0	18.9	
* 72 1,4-Dioxane-d8	96	5.317	5.317	0.000	88	30335	1000.0	1000.0	
73 Methyl methacrylate	100	5.347	5.347	0.000	89	26930	40.0	32.7	
75 1,4-Dioxane	88	5.378	5.378	0.000	36	14201	400.0	408.5	M
74 Dibromomethane	93	5.378	5.378	0.000	98	37878	20.0	18.4	
76 n-Propyl acetate	43	5.408	5.408	0.000	99	70037	20.0	17.4	
77 Dichlorobromomethane	83	5.524	5.524	0.000	99	77052	20.0	17.8	
78 2-Nitropropane	41	5.859	5.859	0.000	81	24601	40.0	29.4	
79 2-Chloroethyl vinyl ether	63	5.865	5.865	0.000	82	30934	20.0	15.2	
80 Epichlorohydrin	57	5.957	5.957	0.000	98	117225	400.0	378.8	
81 cis-1,3-Dichloropropene	75	6.006	6.006	0.000	92	93477	20.0	20.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.176	6.176	0.000	97	266968	100.0	91.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	493762	50.0	50.1	
84 Toluene	91	6.310	6.310	0.000	93	246153	20.0	20.6	
85 trans-1,3-Dichloropropene	75	6.658	6.658	0.000	96	77294	20.0	18.0	
86 Ethyl methacrylate	69	6.707	6.707	0.000	88	64227	20.0	17.8	
87 1,1,2-Trichloroethane	83	6.859	6.859	0.000	96	42278	20.0	18.9	
88 Tetrachloroethene	166	6.890	6.890	0.000	96	56440	20.0	18.8	
89 1,3-Dichloropropane	76	7.066	7.066	0.000	94	80366	20.0	19.7	
90 2-Hexanone	43	7.146	7.146	0.000	96	149141	100.0	82.4	
91 n-Butyl acetate	43	7.268	7.268	0.000	99	72804	20.0	18.1	
92 Chlorodibromomethane	129	7.280	7.280	0.000	97	48549	20.0	18.0	
93 Ethylene Dibromide	107	7.420	7.420	0.000	98	48231	20.0	19.2	
* 94 Chlorobenzene-d5	117	7.956	7.956	0.000	87	385702	50.0	50.0	
95 Chlorobenzene	112	7.993	7.993	0.000	94	145642	20.0	19.5	
96 Ethylbenzene	106	8.109	8.109	0.000	98	79911	20.0	19.1	
97 1,1,1,2-Tetrachloroethane	131	8.121	8.121	0.000	95	57760	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.261	8.261	0.000	96	100471	20.0	19.7	
99 o-Xylene	106	8.773	8.773	0.000	93	106811	20.0	20.3	
100 n-Butyl acrylate	73	8.798	8.798	0.000	98	38781	20.0	17.2	
101 Styrene	104	8.816	8.816	0.000	94	157218	20.0	19.2	
102 Bromoform	173	9.066	9.066	0.000	95	30592	20.0	17.4	
103 Amyl acetate (mixed isomers)	43	9.109	9.109	0.000	90	90544	20.0	20.1	
104 Isopropylbenzene	105	9.249	9.249	0.000	96	284075	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	134205	50.0	44.7	
106 Bromobenzene	156	9.627	9.627	0.000	99	61098	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	99	70915	20.0	21.5	
108 N-Propylbenzene	91	9.737	9.737	0.000	99	328650	20.0	21.4	
109 1,2,3-Trichloropropane	110	9.755	9.755	0.000	98	18738	20.0	20.9	
110 trans-1,4-Dichloro-2-butene	53	9.791	9.791	0.000	89	15390	20.0	23.4	
111 2-Chlorotoluene	91	9.840	9.840	0.000	96	225339	20.0	22.4	
112 4-Ethyltoluene	105	9.871	9.871	0.000	98	262080	20.0	21.1	
113 1,3,5-Trimethylbenzene	105	9.950	9.950	0.000	93	237062	20.0	21.4	
114 4-Chlorotoluene	91	9.974	9.974	0.000	98	208587	20.0	21.7	
115 Butyl Methacrylate	87	10.090	10.090	0.000	91	72739	20.0	19.4	
116 tert-Butylbenzene	119	10.273	10.273	0.000	93	186111	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	10.340	10.340	0.000	98	241470	20.0	21.4	
118 sec-Butylbenzene	105	10.493	10.493	0.000	99	310565	20.0	21.1	
119 1,3-Dichlorobenzene	146	10.621	10.621	0.000	96	123318	20.0	20.6	
120 4-Isopropyltoluene	119	10.645	10.645	0.000	98	259478	20.0	21.1	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	189835	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.718	10.718	0.000	96	124451	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	10.749	10.749	0.000	99	256754	20.0	22.0	
124 Benzyl chloride	91	10.864	10.864	0.000	98	131641	20.0	19.6	
125 2,3-Dihydroindene	117	10.925	10.925	0.000	95	235307	20.0	20.9	
126 p-Diethylbenzene	119	11.005	11.005	0.000	92	137196	20.0	20.5	
127 n-Butylbenzene	92	11.029	11.029	0.000	97	148813	20.0	22.8	
128 1,2-Dichlorobenzene	146	11.060	11.060	0.000	95	124874	20.0	20.7	
129 1,2,4,5-Tetramethylbenzene	119	11.694	11.694	0.000	97	263220	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	97	14915	20.0	18.7	
131 1,3,5-Trichlorobenzene	180	11.883	11.883	0.000	97	117433	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	93	112532	20.0	20.2	
133 Hexachlorobutadiene	225	12.486	12.486	0.000	92	42051	20.0	18.3	
134 Naphthalene	128	12.584	12.584	0.000	99	266891	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.760	12.760	0.000	95	100562	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 137 Xylenes, Total	100				0		40.0	40.0	
S 140 Total BTEX	1				0		100.0	102.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 15:49:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129118.D

Injection Date: 02-Sep-2020 06:41:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

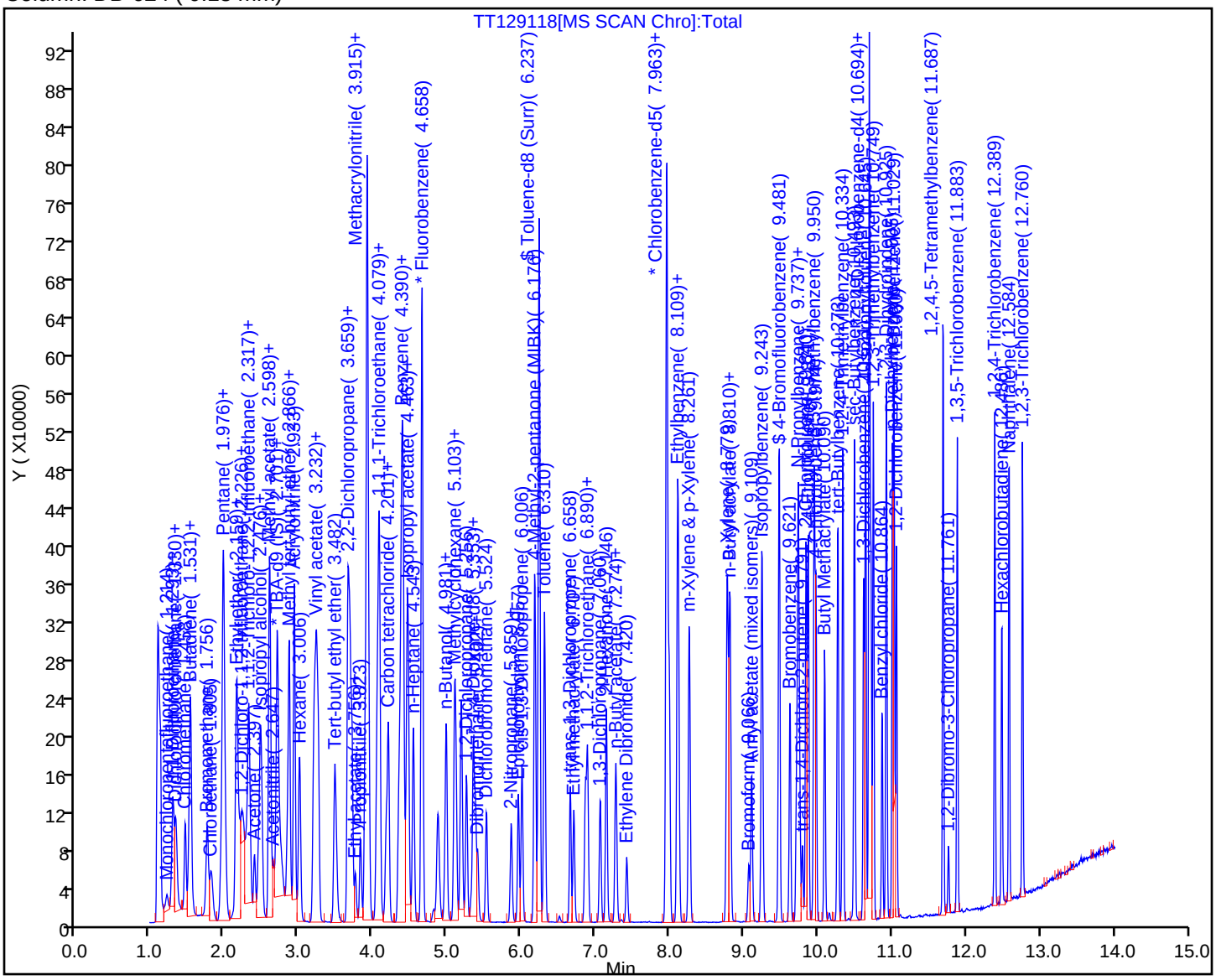
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

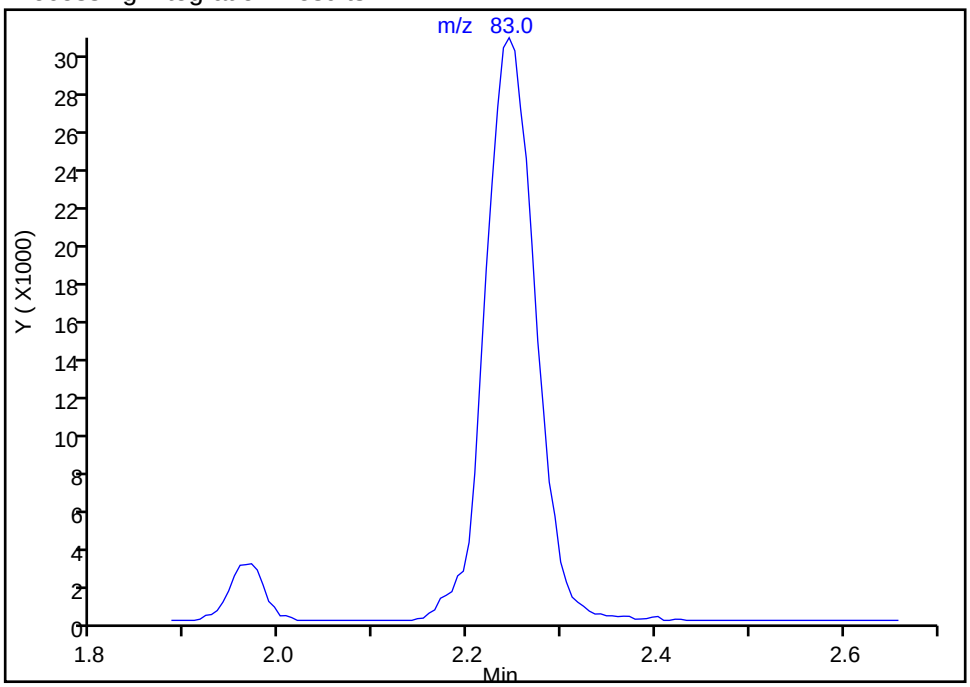
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129118.D
Injection Date: 02-Sep-2020 06:41:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

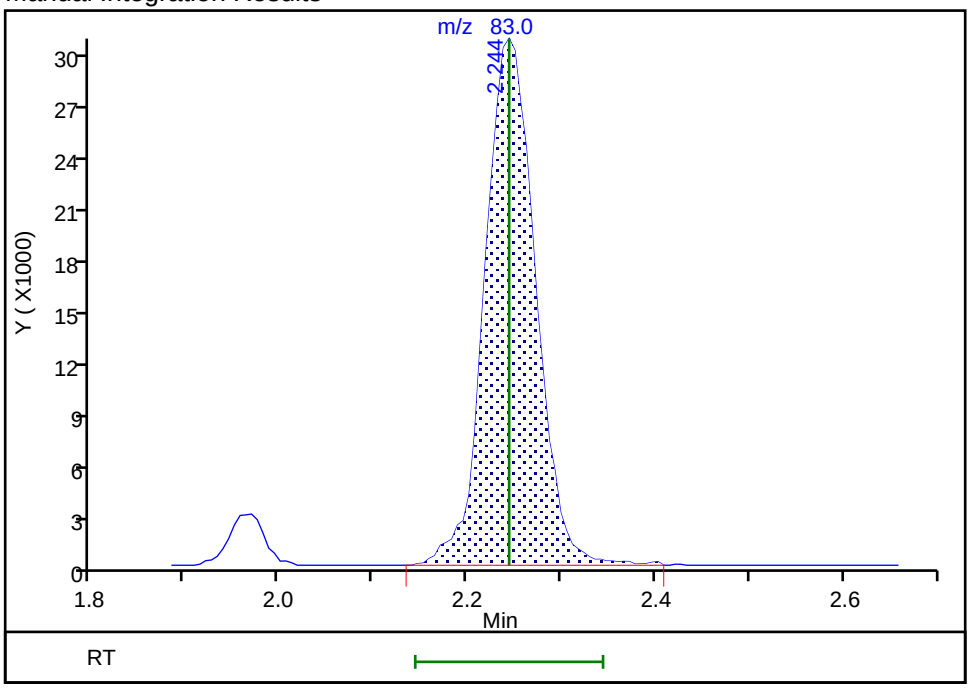
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 113018
Amount: 20.301640
Amount Units: ug/l



Reviewer: desais, 02-Sep-2020 06:58:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

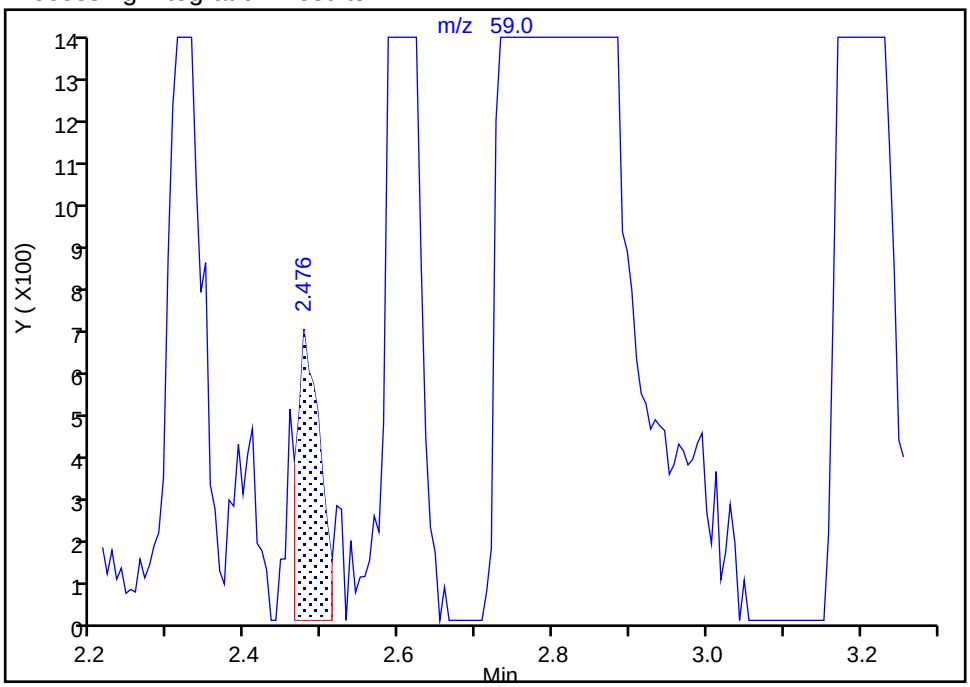
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129118.D
Injection Date: 02-Sep-2020 06:41:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

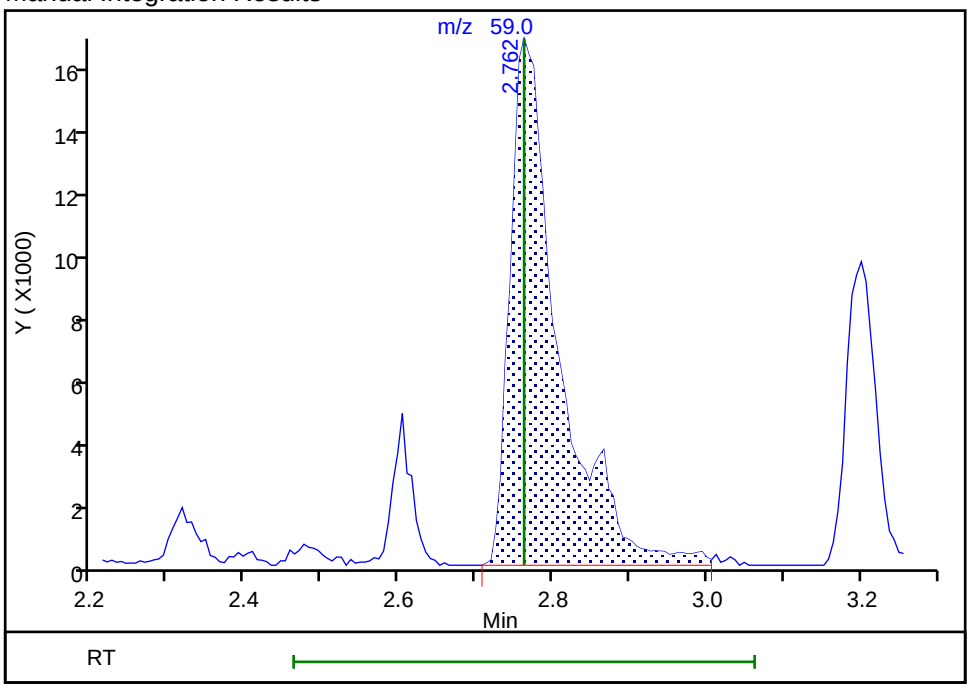
Processing Integration Results

RT: 2.48
Area: 1363
Amount: 3.597558
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 72133
Amount: 190.3908
Amount Units: ug/l



Reviewer: desais, 02-Sep-2020 06:58:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

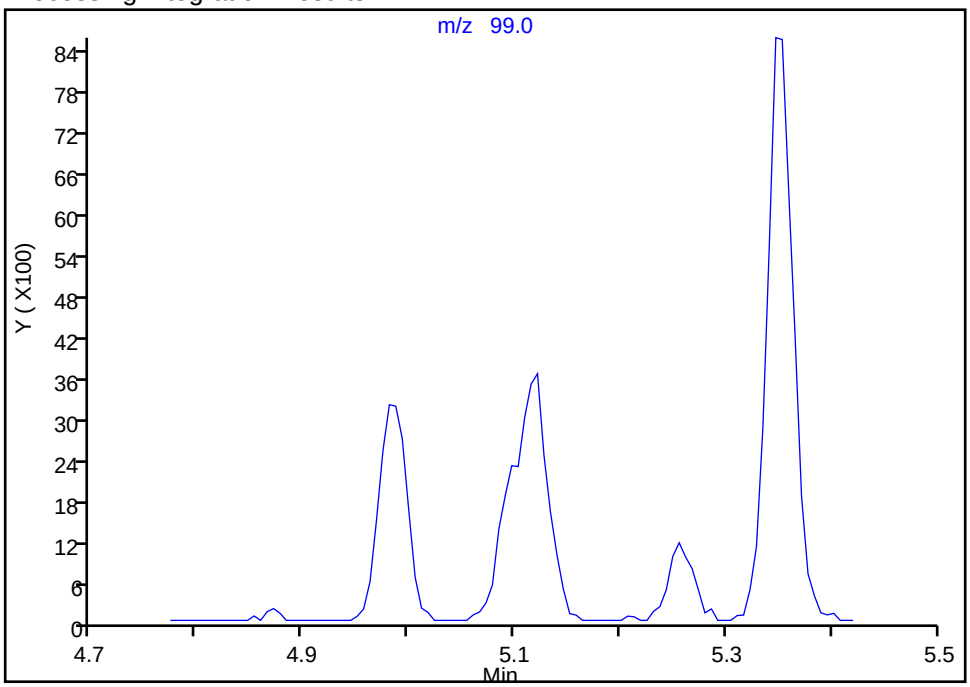
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129118.D
Injection Date: 02-Sep-2020 06:41:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

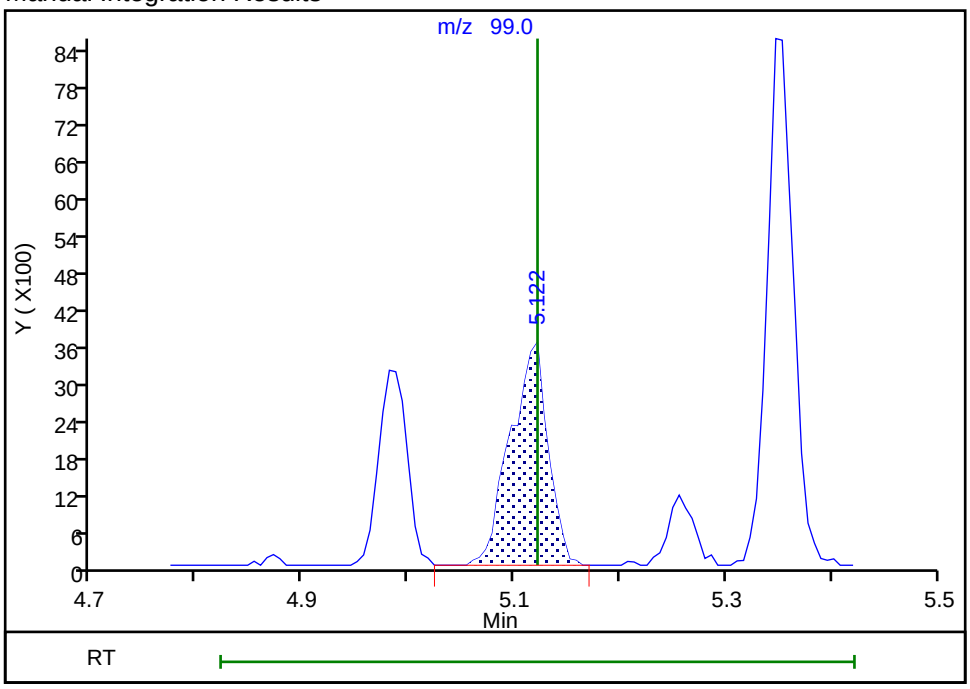
Not Detected
Expected RT: 5.12

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 8956
Amount: 16.054462
Amount Units: ug/l



Reviewer: desais, 02-Sep-2020 06:58:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

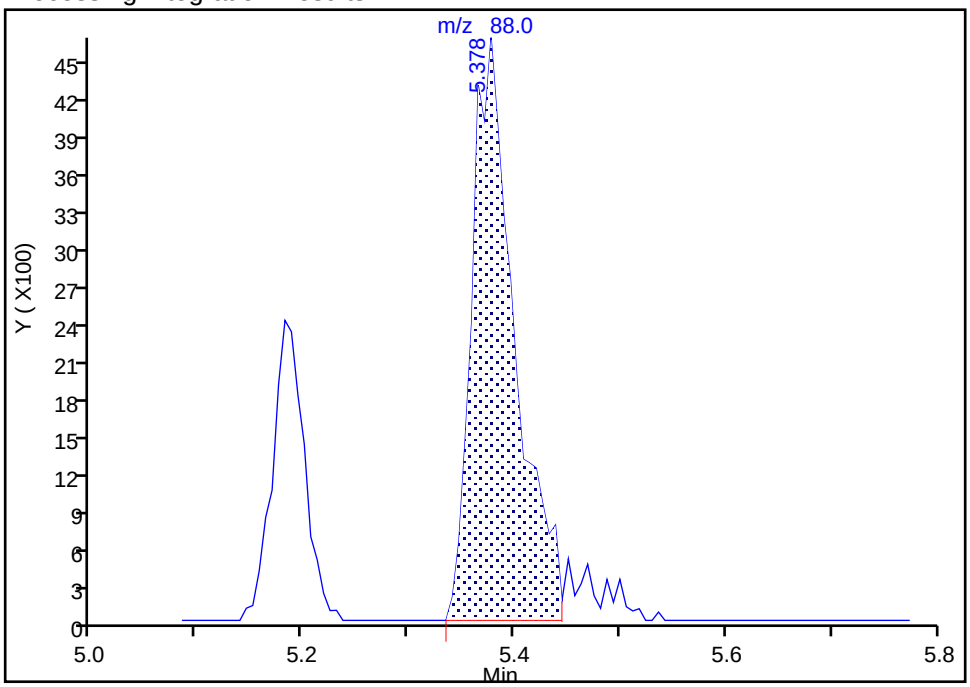
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129118.D
Injection Date: 02-Sep-2020 06:41:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

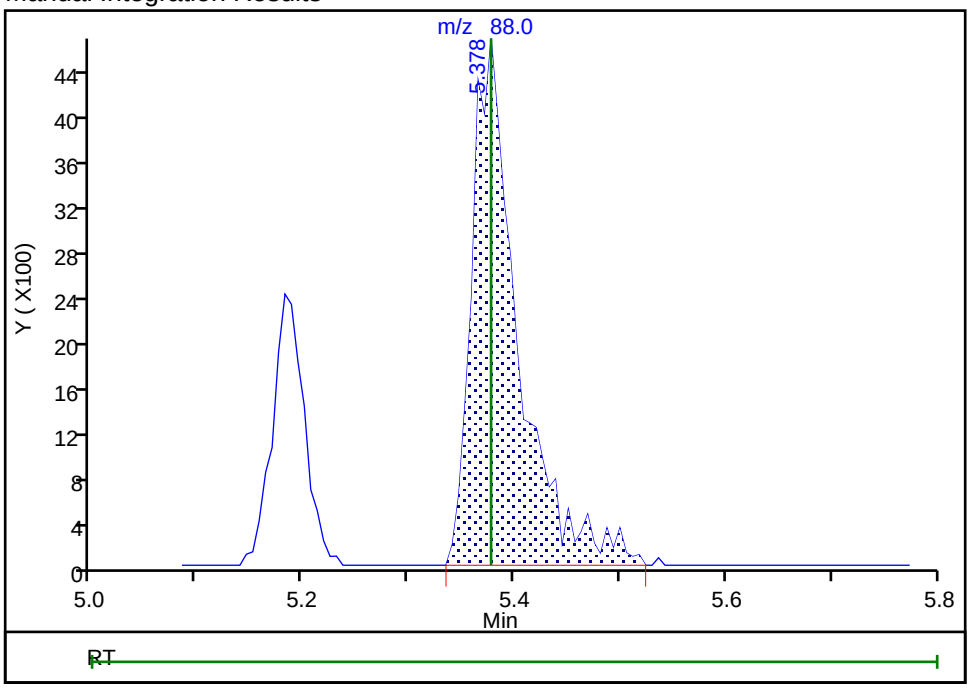
Processing Integration Results

RT: 5.38
Area: 13169
Amount: 378.8242
Amount Units: ug/l



Manual Integration Results

RT: 5.38
Area: 14201
Amount: 408.5111
Amount Units: ug/l



Reviewer: baronm, 02-Sep-2020 15:48:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721508/2 Calibration Date: 09/02/2020 19:31

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129153.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.3522	0.1853		10.5	20.0	-47.4*	20.0
Chlorotrifluoroethene	Ave	0.1339	0.0410		6.13	20.0	-69.4*	20.0
Dichlorodifluoromethane	Ave	0.5096	0.3687	0.1000	14.5	20.0	-27.7*	20.0
Chlorodifluoromethane	Ave	0.4739	0.3002		12.7	20.0	-36.7*	20.0
Chloromethane	Ave	0.5005	0.4307	0.1000	17.2	20.0	-13.9	20.0
Butadiene	Ave	0.4331	0.3489		16.1	20.0	-19.4	20.0
Vinyl chloride	Ave	0.4805	0.3945	0.1000	16.4	20.0	-17.9	20.0
Bromomethane	Ave	2.850	2.897	0.1000	20.3	20.0	1.6	50.0
Chloroethane	Ave	2.297	2.074	0.1000	18.1	20.0	-9.7	50.0
Dichlorofluoromethane	Ave	0.5880	0.5682		19.3	20.0	-3.4	20.0
Pentane	Ave	0.0601	0.0435		28.9	40.0	-27.7*	20.0
Trichlorofluoromethane	Ave	0.4872	0.4478	0.1000	18.4	20.0	-8.1	20.0
Ethanol	Ave	0.3529	0.4043		917	800	14.6	50.0
Ethyl ether	Ave	0.1671	0.1524		18.2	20.0	-8.8	20.0
2-Methyl-1,3-butadiene	Ave	0.2942	0.2183		14.8	20.0	-25.8*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2825	0.2459		17.4	20.0	-13.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4731	0.4083		17.3	20.0	-13.7	20.0
Acrolein	Ave	9.390	7.592		32.3	40.0	-19.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3128	0.2519	0.1000	16.1	20.0	-19.5	20.0
1,1-Dichloroethene	Ave	0.3223	0.2543	0.1000	15.8	20.0	-21.1*	20.0
Acetone	Ave	0.7953	0.6711	0.0500	84.4	100	-15.6	50.0
Iodomethane	Ave	0.5816	0.4892		16.8	20.0	-15.9	20.0
Isopropyl alcohol	Ave	4.717	4.387		186	200	-7.0	50.0
Carbon disulfide	Ave	1.243	1.033	0.1000	16.6	20.0	-16.9	50.0
Allyl chloride	Ave	0.1941	0.1670		17.2	20.0	-13.9	20.0
Methyl acetate	Ave	0.1898	0.1932	0.1000	40.7	40.0	1.8	20.0
Cyclopentene	Ave	0.7705	0.6053		15.7	20.0	-21.4*	20.0
Acetonitrile	QuaF		0.2124		215	200	7.7	20.0
Methylene Chloride	Ave	0.3816	0.3280	0.1000	17.2	20.0	-14.0	20.0
2-Methyl-2-propanol	Ave	7.385	7.574		205	200	2.6	50.0
Methyl tert-butyl ether	Ave	0.7468	0.6893	0.1000	18.5	20.0	-7.7	20.0
trans-1,2-Dichloroethene	Ave	0.3196	0.2793	0.1000	17.5	20.0	-12.6	20.0
Acrylonitrile	Ave	0.1092	0.1063		195	200	-2.6	20.0
Hexane	Ave	0.4056	0.3194		15.7	20.0	-21.3*	20.0
Isopropyl ether	Ave	0.9191	0.8537		18.6	20.0	-7.1	20.0
1,1-Dichloroethane	Ave	0.5217	0.4717	0.2000	18.1	20.0	-9.6	20.0
Vinyl acetate	Ave	0.5113	0.4850		37.9	40.0	-5.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2539	0.2200		17.3	20.0	-13.3	20.0
Tert-butyl ethyl ether	Ave	0.8291	0.7679		18.5	20.0	-7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721508/2 Calibration Date: 09/02/2020 19:31

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129153.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1160	0.0920		15.9	20.0	-20.7*	20.0
cis-1,2-Dichloroethene	Ave	0.3406	0.3096	0.1000	18.2	20.0	-9.1	20.0
2-Butanone (MEK)	Ave	0.2949	0.2675	0.0500	90.7	100	-9.3	50.0
Ethyl acetate	QuaF		0.2472		38.3	40.0	-4.2	20.0
Methyl acrylate	Ave	0.2374	0.2125		17.9	20.0	-10.5	20.0
Propionitrile	Ave	9.424	9.520		202	200	1.0	20.0
Chlorobromomethane	Ave	0.1673	0.1512		18.1	20.0	-9.6	20.0
Tetrahydrofuran	Ave	0.3122	0.3323		42.6	40.0	6.5	20.0
Methacrylonitrile	Ave	0.1141	0.1077		189	200	-5.6	20.0
Chloroform	Ave	0.4760	0.4643	0.2000	19.5	20.0	-2.5	20.0
Cyclohexane	Ave	0.4863	0.3832	0.1000	15.8	20.0	-21.2	50.0
1,1,1-Trichloroethane	Ave	0.4488	0.3929	0.1000	17.5	20.0	-12.5	20.0
Carbon tetrachloride	Ave	0.3794	0.3047	0.1000	16.1	20.0	-19.7	20.0
1,1-Dichloropropene	Ave	0.3742	0.3132		16.7	20.0	-16.3	20.0
Isobutyl alcohol	Ave	5.155	4.674		453	500	-9.3	50.0
Benzene	Ave	1.513	1.503	0.5000	19.9	20.0	-0.6	20.0
Tert-amyl methyl ether	Ave	0.9240	0.9256		20.0	20.0	0.2	20.0
Isopropyl acetate	Ave	0.1452	0.1389		19.1	20.0	-4.3	20.0
1,2-Dichloroethane	Ave	0.3523	0.3263	0.1000	18.5	20.0	-7.4	20.0
2,2,4-Trimethylpentane	Ave	1.168	0.1841		3.15	20.0	-84.2*	20.0
n-Heptane	Ave	0.0778	0.0635		16.3	20.0	-18.5	20.0
n-Butanol	Ave	1.957	1.814		464	500	-7.3	50.0
Trichloroethene	Ave	0.2880	0.2446	0.2000	17.0	20.0	-15.1	20.0
Methylcyclohexane	Ave	0.5668	0.4249	0.1000	15.0	20.0	-25.0	50.0
Ethyl acrylate	QuaF		0.0378		15.9	20.0	-20.4*	20.0
1,2-Dichloropropane	Ave	0.2751	0.2399	0.1000	17.4	20.0	-12.8	20.0
Methyl methacrylate	Ave	0.0699	0.0629		36.0	40.0	-10.1	20.0
Dibromomethane	Ave	0.1753	0.1613		18.4	20.0	-8.0	20.0
1,4-Dioxane	Ave	1.146	0.1899		66.3	400	-83.4*	50.0
n-Propyl acetate	Ave	0.3417	0.3046		17.8	20.0	-10.9	20.0
Dichlorobromomethane	Ave	0.3686	0.3215	0.2000	17.4	20.0	-12.8	20.0
2-Nitropropane	QuaF		0.0553		31.1	40.0	-22.2*	20.0
2-Chloroethyl vinyl ether	Ave	0.1730	0.1303		15.1	20.0	-24.7*	20.0
Epichlorohydrin	Ave	0.2420	0.2306		381	400	-4.7	20.0
cis-1,3-Dichloropropene	Ave	0.5992	0.5653	0.2000	18.9	20.0	-5.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.273	2.149	0.0500	94.5	100	-5.5	50.0
Toluene	Ave	1.549	1.465	0.4000	18.9	20.0	-5.5	20.0
trans-1,3-Dichloropropene	Ave	0.5579	0.5037	0.1000	18.1	20.0	-9.7	50.0
Ethyl methacrylate	Ave	0.4683	0.4081		17.4	20.0	-12.8	20.0
1,1,2-Trichloroethane	Ave	0.2900	0.2709	0.1000	18.7	20.0	-6.6	20.0
Tetrachloroethene	Ave	0.3884	0.3313	0.2000	17.1	20.0	-14.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721508/2 Calibration Date: 09/02/2020 19:31

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129153.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5300	0.5039		19.0	20.0	-4.9	20.0
2-Hexanone	Ave	1.416	1.231	0.0500	86.9	100	-13.1	50.0
n-Butyl acetate	Ave	0.5217	0.4730		18.1	20.0	-9.3	20.0
Chlorodibromomethane	Ave	0.3498	0.3209	0.1000	18.3	20.0	-8.3	50.0
Ethylene Dibromide	Ave	0.3254	0.3109	0.1000	19.1	20.0	-4.5	20.0
Chlorobenzene	Ave	0.9690	0.8986	0.5000	18.5	20.0	-7.3	20.0
Ethylbenzene	Ave	0.5410	0.4916	0.1000	18.2	20.0	-9.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3821	0.3740		19.6	20.0	-2.1	20.0
m-Xylene & p-Xylene	Ave	0.6614	0.6150	0.1000	18.6	20.0	-7.0	20.0
o-Xylene	Ave	0.6829	0.6445	0.3000	18.9	20.0	-5.6	20.0
n-Butyl acrylate	Ave	0.2928	0.2573		17.6	20.0	-12.1	20.0
Styrene	Ave	1.063	0.9663	0.3000	18.2	20.0	-9.1	20.0
Bromoform	Ave	0.2280	0.2057	0.1000	18.0	20.0	-9.8	20.0
Amyl acetate (mixed isomers)	Ave	1.186	1.180		19.9	20.0	-0.5	20.0
Isopropylbenzene	Ave	1.816	1.717	0.1000	18.9	20.0	-5.5	20.0
Bromobenzene	Ave	0.8190	0.7722		18.9	20.0	-5.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8696	0.9276	0.3000	21.3	20.0	6.7	20.0
N-Propylbenzene	Ave	4.044	3.990		19.7	20.0	-1.3	20.0
1,2,3-Trichloropropane	Ave	0.2357	0.2391		20.3	20.0	1.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1735	0.1887		21.8	20.0	8.8	20.0
2-Chlorotoluene	Ave	2.644	2.708		20.5	20.0	2.4	20.0
4-Ethyltoluene	Ave	3.268	3.202		19.6	20.0	-2.0	20.0
1,3,5-Trimethylbenzene	Ave	2.912	2.883		19.8	20.0	-1.0	20.0
4-Chlorotoluene	Ave	2.529	2.635		20.8	20.0	4.2	20.0
Butyl Methacrylate	Ave	0.9851	0.9171		18.6	20.0	-6.9	20.0
tert-Butylbenzene	Ave	2.420	2.348		19.4	20.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	2.966	3.010		20.3	20.0	1.5	20.0
sec-Butylbenzene	Ave	3.874	3.839		19.8	20.0	-0.9	20.0
1,3-Dichlorobenzene	Ave	1.580	1.562	0.6000	19.8	20.0	-1.1	20.0
4-Isopropyltoluene	Ave	3.233	3.216		19.9	20.0	-0.5	20.0
1,4-Dichlorobenzene	Ave	1.554	1.549	0.5000	19.9	20.0	-0.3	20.0
1,2,3-Trimethylbenzene	Ave	3.079	3.231		21.0	20.0	4.9	20.0
Benzyl chloride	Ave	1.769	1.688		19.1	20.0	-4.6	50.0
Indan	Ave	2.970	3.072		20.7	20.0	3.4	20.0
p-Diethylbenzene	Ave	1.764	1.711		19.4	20.0	-3.0	20.0
n-Butylbenzene	Ave	1.718	1.821		21.2	20.0	6.0	20.0
1,2-Dichlorobenzene	Ave	1.590	1.669	0.4000	21.0	20.0	4.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.505	3.340		19.1	20.0	-4.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2106	0.2021	0.0500	19.2	20.0	-4.1	50.0
1,3,5-Trichlorobenzene	Ave	1.528	1.453		19.0	20.0	-5.0	20.0
1,2,4-Trichlorobenzene	Ave	1.466	1.402	0.2000	19.1	20.0	-4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721508/2 Calibration Date: 09/02/2020 19:31

Instrument ID: CVOAMS17 Calib Start Date: 08/06/2020 09:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2020 11:38

Lab File ID: TT129153.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.6052	0.5228		17.3	20.0	-13.6	20.0
Naphthalene	Ave	3.525	3.538		20.1	20.0	0.4	50.0
1,2,3-Trichlorobenzene	Ave	1.397	1.303		18.7	20.0	-6.7	20.0
Monochloropentafluoroethane	Lin2				0.550	20.0	-100.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.2549	0.2480		48.7	50.0	-2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2772	0.2756		49.7	50.0	-0.6	20.0
Toluene-d8 (Surr)	Ave	1.279	1.266		49.5	50.0	-1.0	20.0
4-Bromofluorobenzene	Ave	0.3895	0.3473		44.6	50.0	-10.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Sep-2020 19:31:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: PRIMER
Misc. Info.: 460-0116195-002
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub2

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 11:22:42 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 21:47:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	1.306	1.306	0.000	92	39225	20.0	10.5	
3 Chlorotrifluoroethene	116	1.318	1.318	0.000	51	8684	20.0	6.13	a
4 Dichlorodifluoromethane	85	1.330	1.330	0.000	98	78029	20.0	14.5	
5 Chlorodifluoromethane	51	1.348	1.348	0.000	98	63533	20.0	12.7	
6 Chloromethane	50	1.470	1.470	0.000	98	91169	20.0	17.2	
8 Butadiene	54	1.537	1.537	0.000	97	73846	20.0	16.1	
7 Vinyl chloride	62	1.543	1.543	0.000	98	83501	20.0	16.4	
9 Bromomethane	94	1.763	1.763	0.000	99	67080	20.0	20.3	
10 Chloroethane	64	1.818	1.818	0.000	96	48038	20.0	18.1	
11 Dichlorofluoromethane	67	1.970	1.970	0.000	98	120251	20.0	19.3	
13 Pentane	72	1.982	1.982	0.000	96	18399	40.0	28.9	
12 Trichlorofluoromethane	101	1.982	1.982	0.000	65	94780	20.0	18.4	
14 Ethanol	46	2.147	2.147	0.000	76	13778	800.0	916.6	
15 Ethyl ether	74	2.147	2.147	0.000	95	32259	20.0	18.2	
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	96	46194	20.0	14.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.202	2.202	0.000	88	52049	20.0	17.4	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.251	2.251	0.000	95	86423	20.0	17.3	a
19 Acrolein	56	2.293	2.293	0.000	96	12937	40.0	32.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.318	2.318	0.000	92	53307	20.0	16.1	
21 1,1-Dichloroethene	96	2.330	2.330	0.000	98	53826	20.0	15.8	
22 Acetone	43	2.397	2.397	0.000	88	77700	100.0	84.4	
23 Iodomethane	142	2.458	2.458	0.000	97	103546	20.0	16.8	
25 Isopropyl alcohol	45	2.482	2.482	0.000	38	37377	200.0	186.0	
24 Carbon disulfide	76	2.494	2.494	0.000	99	218544	20.0	16.6	
26 3-Chloro-1-propene	76	2.592	2.592	0.000	92	35347	20.0	17.2	
27 Methyl acetate	43	2.604	2.604	0.000	79	81798	40.0	40.7	
28 Cyclopentene	67	2.610	2.610	0.000	94	128104	20.0	15.7	
29 Acetonitrile	40	2.653	2.653	0.000	99	49186	200.0	215.4	a
* 31 TBA-d9 (IS)	66	2.702	2.702	0.000	99	42598	1000.0	1000.0	
30 Methylene Chloride	84	2.708	2.708	0.000	92	69422	20.0	17.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.769	2.769	0.000	96	64529	200.0	205.1	a
33 Methyl tert-butyl ether	73	2.854	2.854	0.000	97	145885	20.0	18.5	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	94	59114	20.0	17.5	
35 Acrylonitrile	53	2.933	2.933	0.000	96	225070	200.0	194.8	
36 Hexane	57	3.006	3.006	0.000	92	67595	20.0	15.7	
37 Isopropyl ether	45	3.202	3.202	0.000	96	180685	20.0	18.6	
38 1,1-Dichloroethane	63	3.220	3.220	0.000	100	99845	20.0	18.1	
39 Vinyl acetate	86	3.238	3.238	0.000	100	22464	40.0	37.9	
40 2-Chloro-1,3-butadiene	88	3.256	3.256	0.000	91	46574	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.482	3.482	0.000	89	162518	20.0	18.5	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	95	289466	250.0	250.0	
43 2,2-Dichloropropane	97	3.671	3.671	0.000	84	19465	20.0	15.9	
44 cis-1,2-Dichloroethene	96	3.683	3.683	0.000	99	65522	20.0	18.2	
45 2-Butanone (MEK)	72	3.708	3.708	0.000	97	30976	100.0	90.7	
46 Ethyl acetate	70	3.708	3.708	0.000	96	11450	40.0	38.3	
47 Methyl acrylate	55	3.762	3.762	0.000	99	44976	20.0	17.9	
48 Propionitrile	54	3.829	3.829	0.000	99	81104	200.0	202.0	
49 Chlorobromomethane	128	3.890	3.890	0.000	85	32003	20.0	18.1	
50 Tetrahydrofuran	72	3.897	3.897	0.000	44	15390	40.0	42.6	
51 Methacrylonitrile	67	3.921	3.921	0.000	91	227968	200.0	188.8	
52 Chloroform	83	3.939	3.939	0.000	98	98266	20.0	19.5	
53 Cyclohexane	84	4.055	4.055	0.000	91	81098	20.0	15.8	
54 1,1,1-Trichloroethane	97	4.067	4.067	0.000	98	83154	20.0	17.5	
$ 55 Dibromofluoromethane (Surr)	113	4.086	4.086	0.000	97	131241	50.0	48.7	
56 Carbon tetrachloride	117	4.183	4.183	0.000	98	64484	20.0	16.1	
57 1,1-Dichloropropene	75	4.207	4.207	0.000	96	66294	20.0	16.7	
58 Isobutyl alcohol	43	4.348	4.348	0.000	95	99562	500.0	453.4	
60 Benzene	78	4.384	4.384	0.000	97	214408	20.0	19.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.403	4.403	0.000	96	145851	50.0	49.7	
62 Tert-amyl methyl ether	73	4.457	4.457	0.000	89	195915	20.0	20.0	
63 Isopropyl acetate	61	4.470	4.470	0.000	96	29407	20.0	19.1	
64 1,2-Dichloroethane	62	4.476	4.476	0.000	97	69057	20.0	18.5	
59 Isooctane	57	4.543	4.543	0.000	64	38957	20.0	3.15	
65 n-Heptane	100	4.543	4.543	0.000	93	13432	20.0	16.3	
* 66 Fluorobenzene	96	4.659	4.659	0.000	99	529130	50.0	50.0	
67 n-Butanol	56	4.969	4.969	0.000	87	38645	500.0	463.7	
68 Trichloroethene	95	4.988	4.988	0.000	98	51774	20.0	17.0	
69 Methylcyclohexane	83	5.104	5.104	0.000	93	89928	20.0	15.0	
71 1,2-Dichloropropane	63	5.256	5.256	0.000	90	50778	20.0	17.4	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	86	175055	1000.0	1000.0	s
73 Methyl methacrylate	100	5.347	5.347	0.000	90	26605	40.0	36.0	
70 Ethyl acrylate	99	5.122	5.122	0.000	97	7991	20.0	15.9	a
74 Dibromomethane	93	5.378	5.378	0.000	97	34147	20.0	18.4	
75 1,4-Dioxane	88	5.384	5.384	0.000	35	13297	400.0	66.3	a
76 n-Propyl acetate	43	5.408	5.408	0.000	98	64465	20.0	17.8	
77 Dichlorobromomethane	83	5.524	5.524	0.000	99	68055	20.0	17.4	
78 2-Nitropropane	41	5.853	5.853	0.000	86	23423	40.0	31.1	
79 2-Chloroethyl vinyl ether	63	5.866	5.866	0.000	82	27652	20.0	15.1	
80 Epichlorohydrin	57	5.957	5.957	0.000	98	106793	400.0	381.1	
81 cis-1,3-Dichloropropene	75	6.006	6.006	0.000	91	80639	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.177	6.177	0.000	96	248768	100.0	94.5	
$ 83 Toluene-d8 (Surr)	98	6.238	6.238	0.000	99	451514	50.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.311	6.311	0.000	93	208901	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.658	6.658	0.000	96	71846	20.0	18.1	
86 Ethyl methacrylate	69	6.707	6.707	0.000	89	58211	20.0	17.4	
87 1,1,2-Trichloroethane	83	6.859	6.859	0.000	96	38647	20.0	18.7	
88 Tetrachloroethene	166	6.890	6.890	0.000	96	47254	20.0	17.1	
89 1,3-Dichloropropane	76	7.061	7.061	0.000	94	71868	20.0	19.0	
90 2-Hexanone	43	7.146	7.146	0.000	96	142477	100.0	86.9	
91 n-Butyl acetate	43	7.268	7.268	0.000	99	67466	20.0	18.1	
92 Chlorodibromomethane	129	7.274	7.274	0.000	98	45769	20.0	18.3	
93 Ethylene Dibromide	107	7.420	7.420	0.000	99	44340	20.0	19.1	
* 94 Chlorobenzene-d5	117	7.957	7.957	0.000	86	356593	50.0	50.0	
95 Chlorobenzene	112	7.993	7.993	0.000	94	128179	20.0	18.5	
96 Ethylbenzene	106	8.103	8.103	0.000	98	70125	20.0	18.2	
97 1,1,1,2-Tetrachloroethane	131	8.115	8.115	0.000	94	53342	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.262	8.262	0.000	97	87720	20.0	18.6	
99 o-Xylene	106	8.774	8.774	0.000	93	91926	20.0	18.9	
100 n-Butyl acrylate	73	8.798	8.798	0.000	97	36706	20.0	17.6	
101 Styrene	104	8.816	8.816	0.000	95	137832	20.0	18.2	
102 Bromoform	173	9.066	9.066	0.000	95	29340	20.0	18.0	
103 Amyl acetate (mixed isomers)	43	9.103	9.103	0.000	91	85514	20.0	19.9	
104 Isopropylbenzene	105	9.243	9.243	0.000	96	244886	20.0	18.9	
$ 105 4-Bromofluorobenzene	174	9.475	9.475	0.000	0	123859	50.0	44.6	
106 Bromobenzene	156	9.621	9.621	0.000	98	55967	20.0	18.9	
107 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	98	67231	20.0	21.3	
108 N-Propylbenzene	91	9.731	9.731	0.000	99	289181	20.0	19.7	
109 1,2,3-Trichloropropane	110	9.755	9.755	0.000	97	17326	20.0	20.3	
110 trans-1,4-Dichloro-2-butene	53	9.792	9.792	0.000	91	13676	20.0	21.8	
111 2-Chlorotoluene	91	9.840	9.840	0.000	97	196283	20.0	20.5	
112 4-Ethyltoluene	105	9.871	9.871	0.000	98	232100	20.0	19.6	
113 1,3,5-Trimethylbenzene	105	9.950	9.950	0.000	93	208942	20.0	19.8	
114 4-Chlorotoluene	91	9.975	9.975	0.000	98	191015	20.0	20.8	
115 Butyl Methacrylate	87	10.090	10.090	0.000	90	66470	20.0	18.6	
116 tert-Butylbenzene	119	10.267	10.267	0.000	93	170158	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	98	218166	20.0	20.3	
118 sec-Butylbenzene	105	10.493	10.493	0.000	99	278270	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	95	113239	20.0	19.8	
120 4-Isopropyltoluene	119	10.645	10.645	0.000	98	233064	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	96	181195	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.718	10.718	0.000	95	112303	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.749	10.749	0.000	100	234189	20.0	21.0	
124 Benzyl chloride	91	10.865	10.865	0.000	99	122322	20.0	19.1	
125 2,3-Dihydroindene	117	10.926	10.926	0.000	94	222623	20.0	20.7	
126 p-Diethylbenzene	119	11.005	11.005	0.000	92	123997	20.0	19.4	
127 n-Butylbenzene	92	11.023	11.023	0.000	97	132010	20.0	21.2	
128 1,2-Dichlorobenzene	146	11.060	11.060	0.000	96	120936	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	97	242075	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	95	14646	20.0	19.2	
131 1,3,5-Trichlorobenzene	180	11.883	11.883	0.000	97	105278	20.0	19.0	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	101598	20.0	19.1	
133 Hexachlorobutadiene	225	12.486	12.486	0.000	91	37888	20.0	17.3	
134 Naphthalene	128	12.578	12.578	0.000	99	256405	20.0	20.1	
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.000	96	94442	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.7	
S 137 Xylenes, Total	100				0		40.0	37.5	
S 140 Total BTEX	1				0		100.0	94.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.9	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Sep-2020 11:22:45 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D

Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

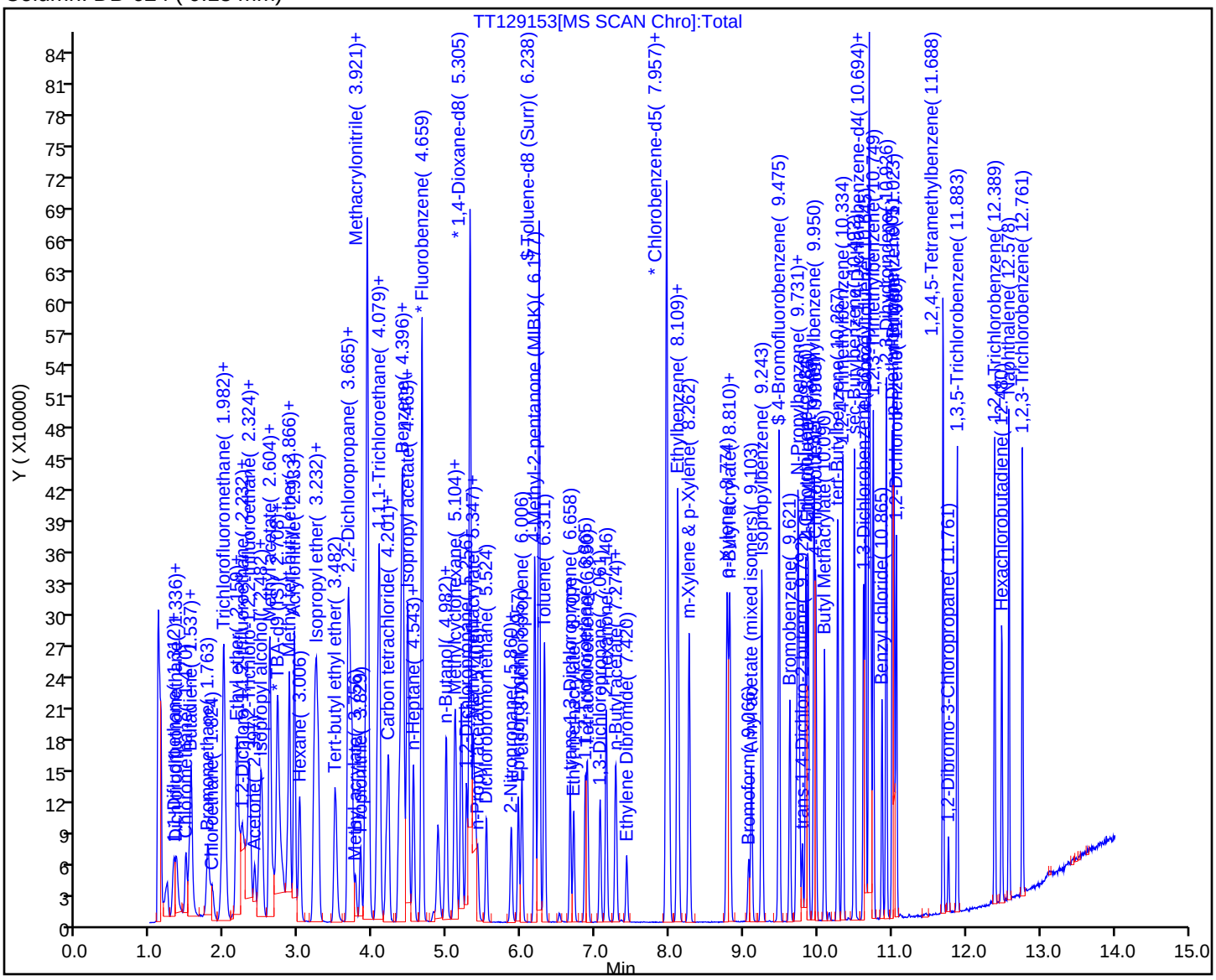
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

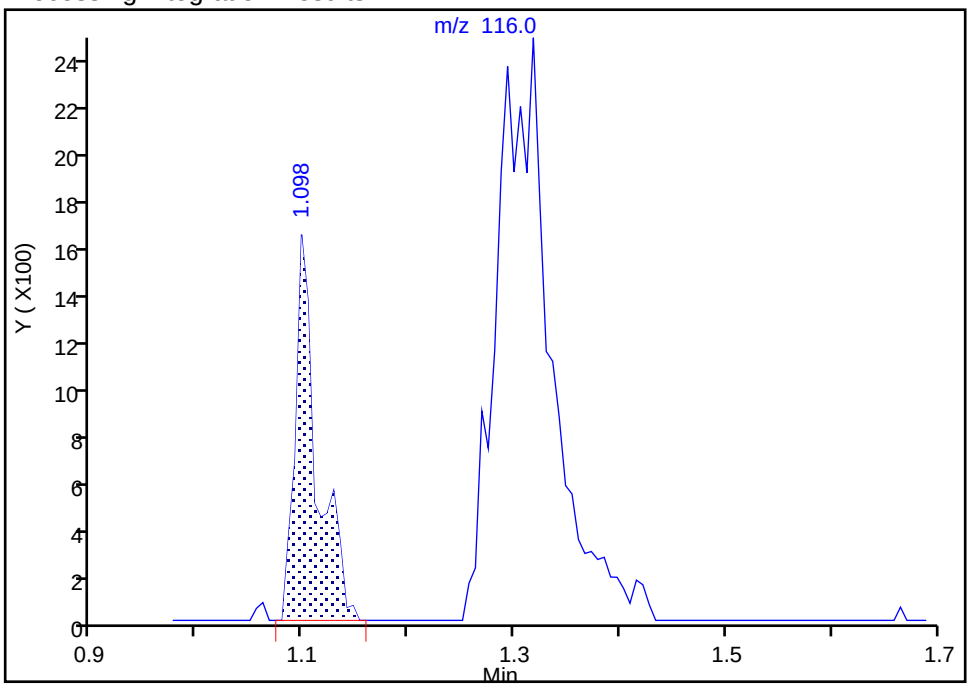
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

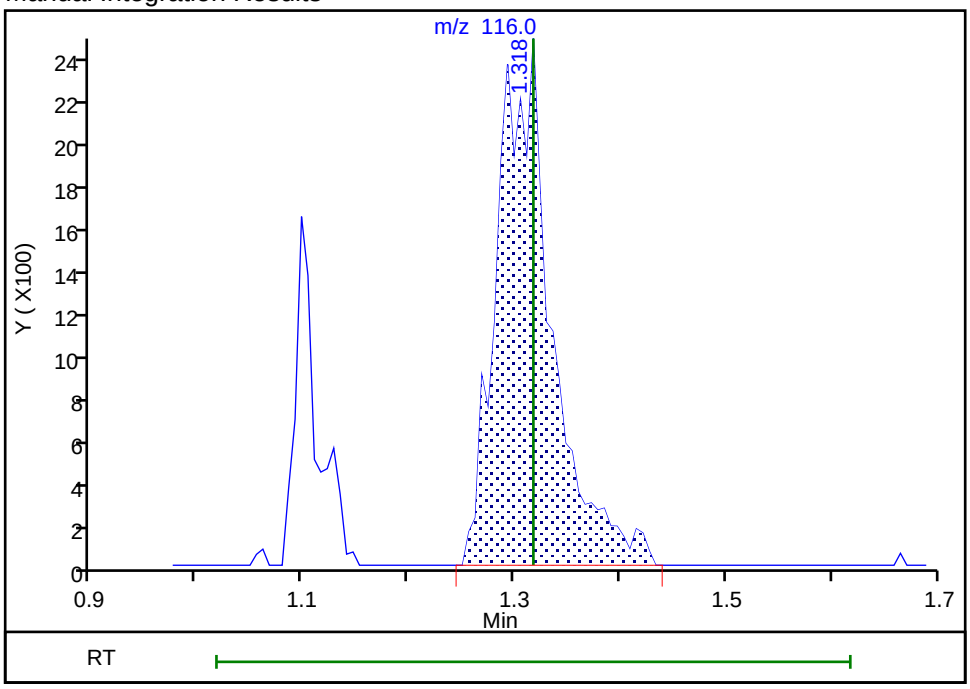
Processing Integration Results

RT: 1.10
Area: 2302
Amount: 1.624724
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 8684
Amount: 6.129063
Amount Units: ug/l



Reviewer: desais, 03-Sep-2020 08:23:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

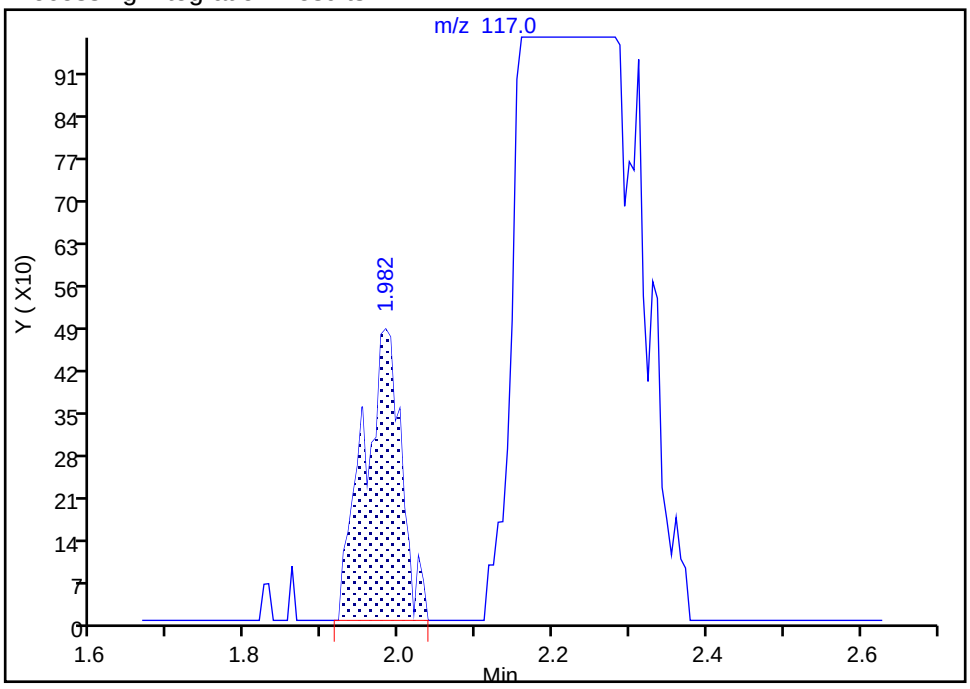
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

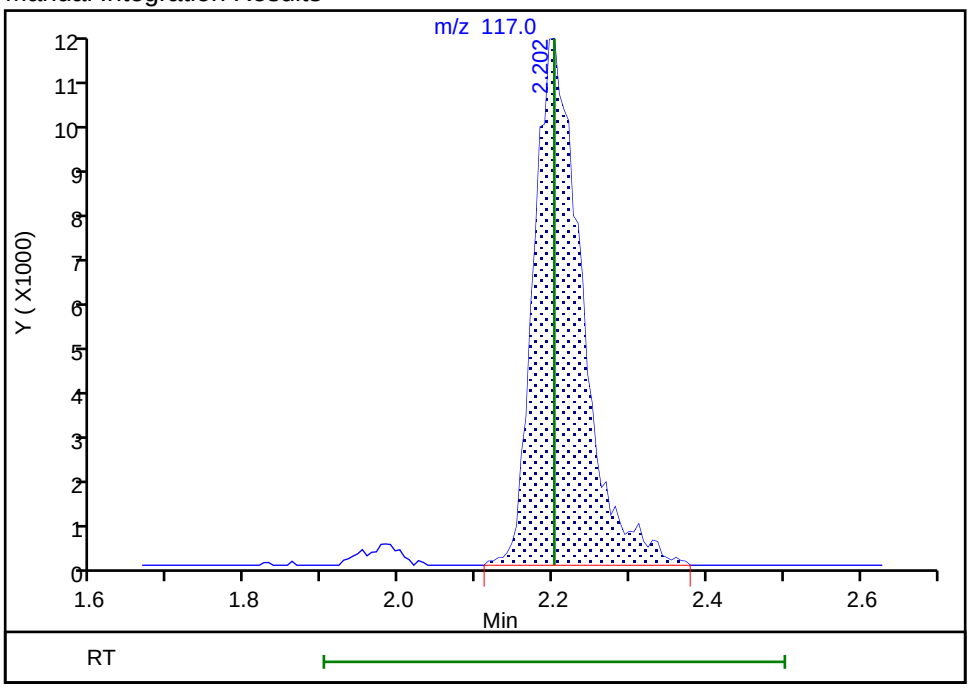
Processing Integration Results

RT: 1.98
Area: 1642
Amount: 0.549232
Amount Units: ug/l



Manual Integration Results

RT: 2.20
Area: 52049
Amount: 17.409867
Amount Units: ug/l



Reviewer: desais, 03-Sep-2020 08:24:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

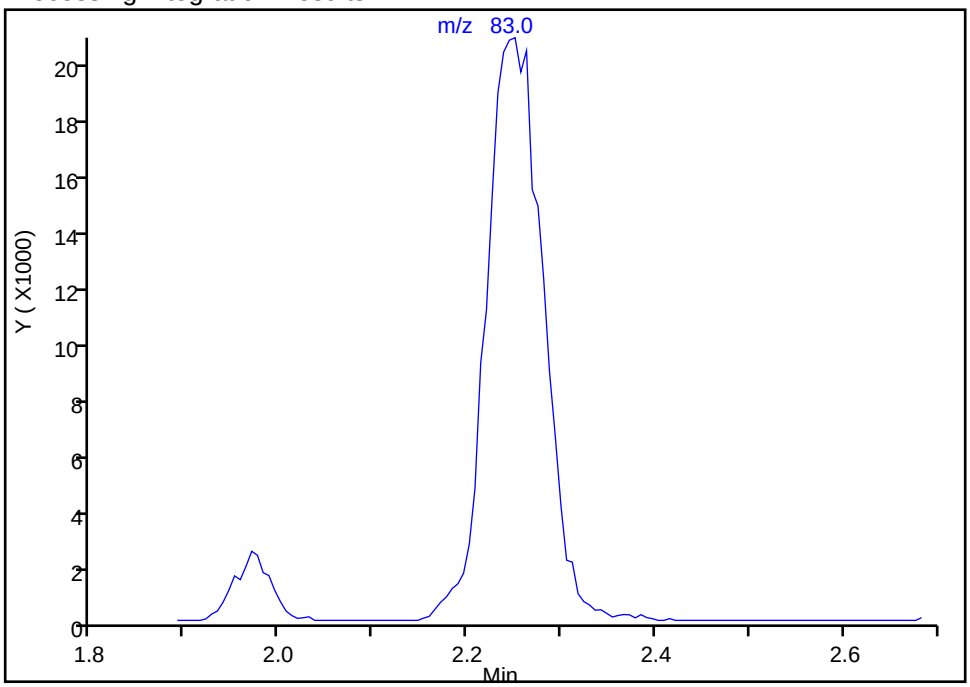
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

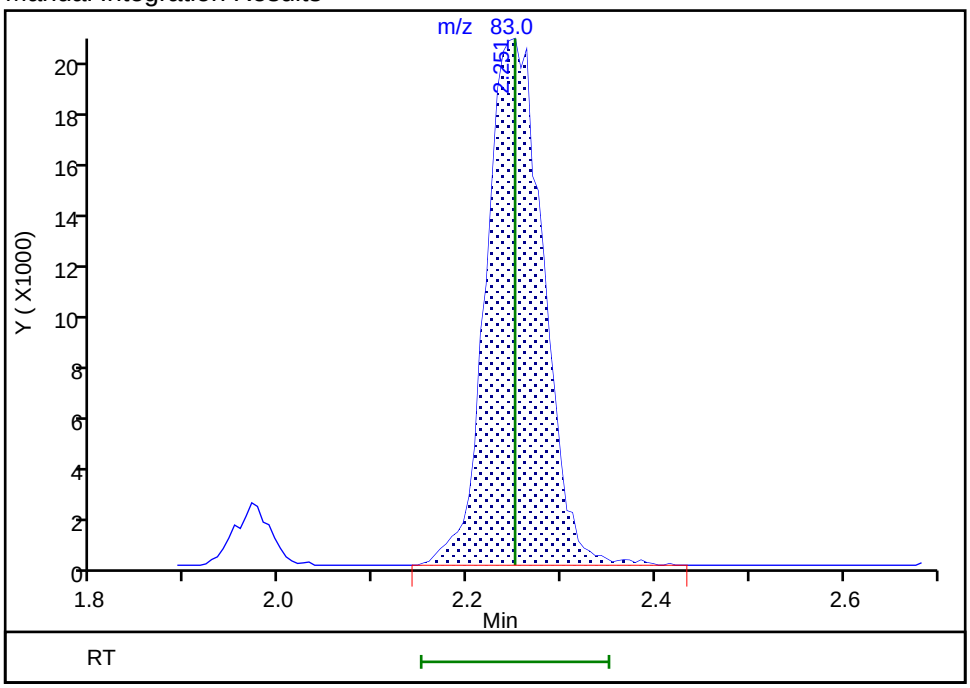
Not Detected
Expected RT: 2.25

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 86423
Amount: 17.261307
Amount Units: ug/l



Reviewer: desais, 03-Sep-2020 08:24:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

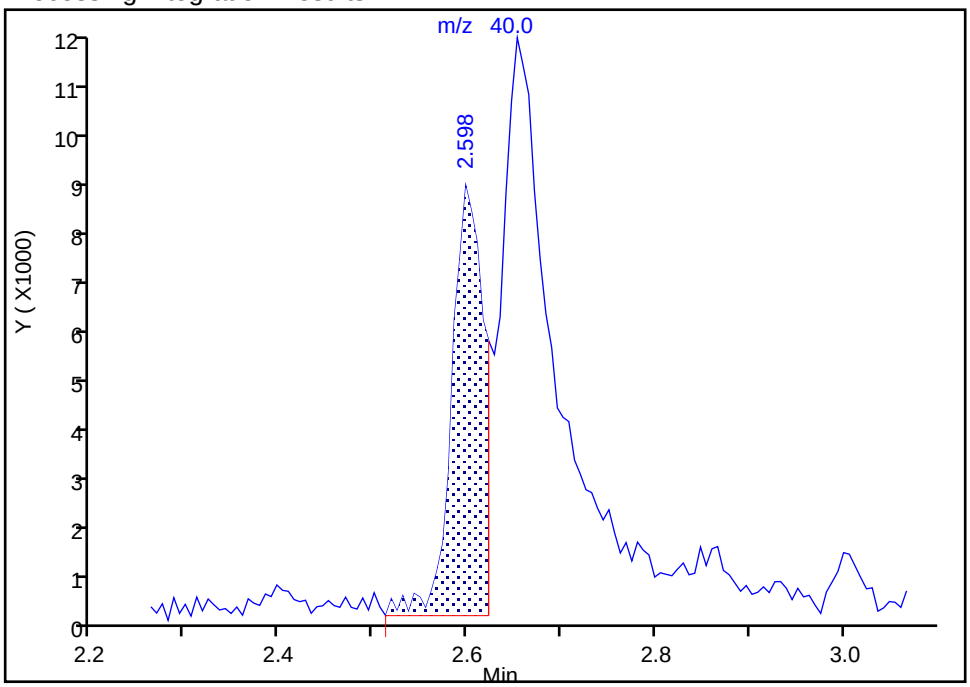
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

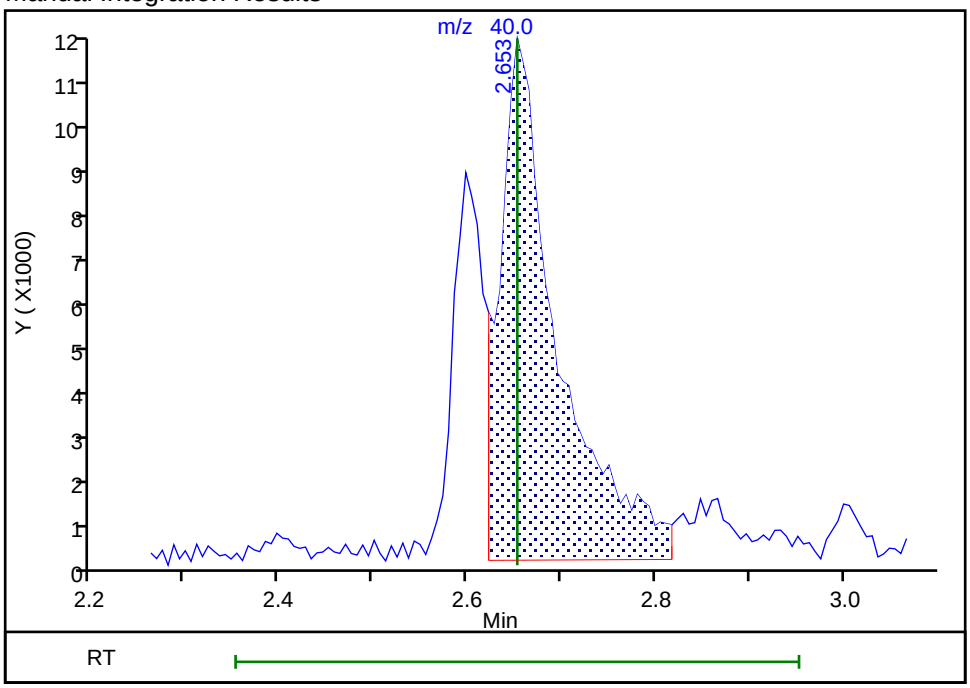
Processing Integration Results

RT: 2.60
Area: 20262
Amount: 88.621653
Amount Units: ug/l



Manual Integration Results

RT: 2.65
Area: 49186
Amount: 215.3989
Amount Units: ug/l



Reviewer: desais, 03-Sep-2020 08:24:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

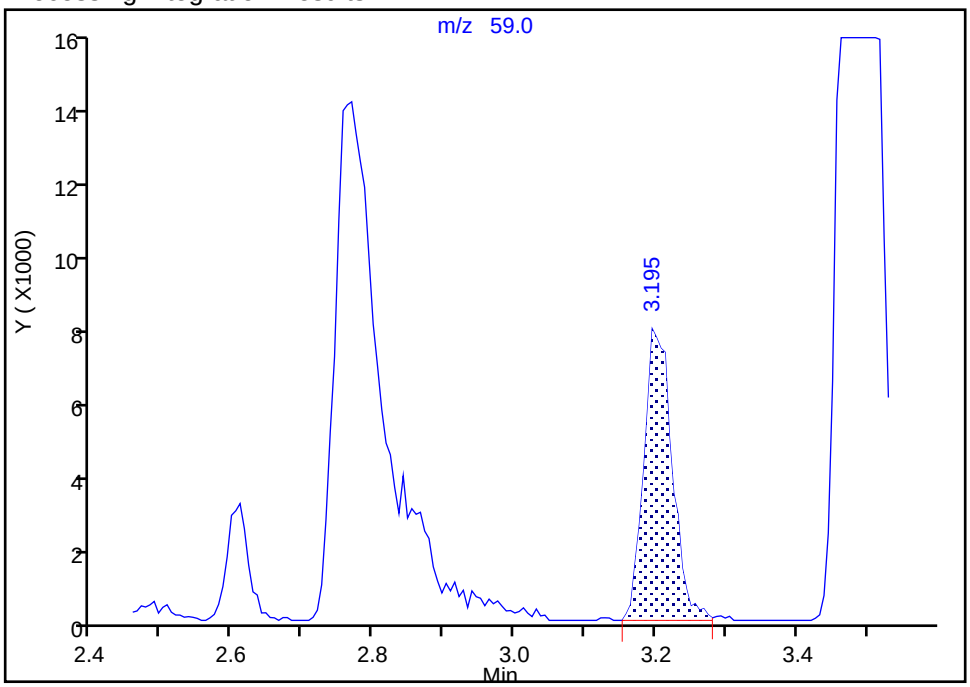
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

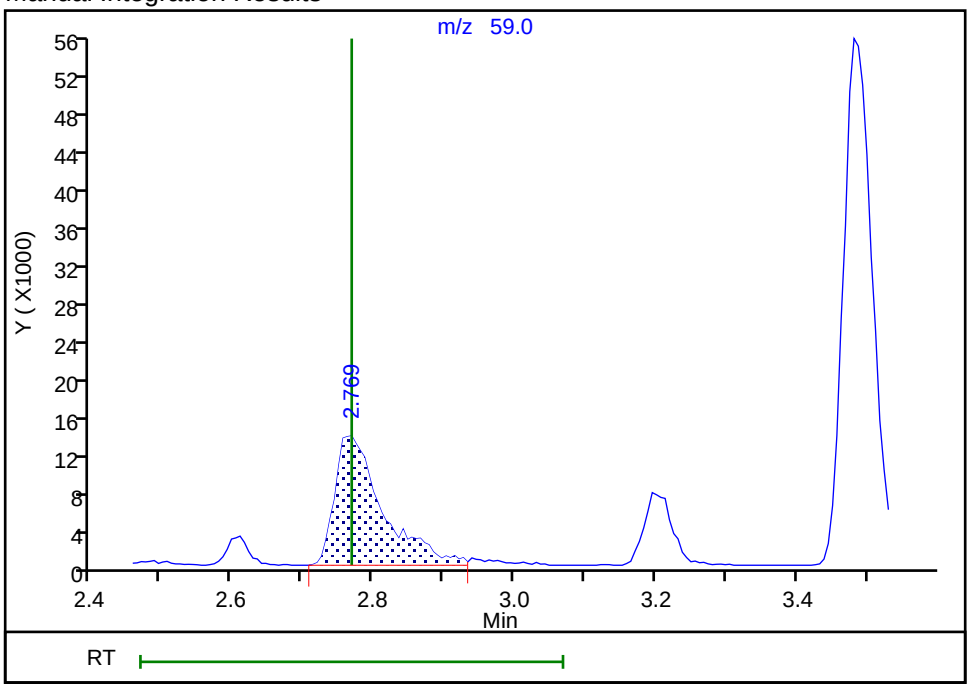
Processing Integration Results

RT: 3.20
Area: 21430
Amount: 68.119386
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 64529
Amount: 205.1179
Amount Units: ug/l



Reviewer: parekhv, 02-Sep-2020 20:50:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

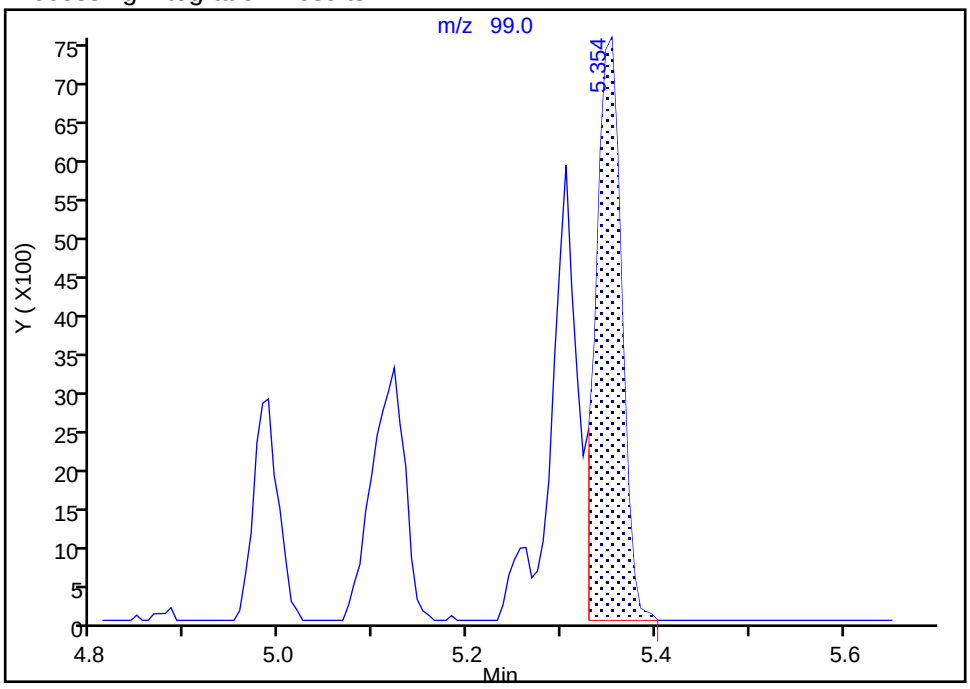
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

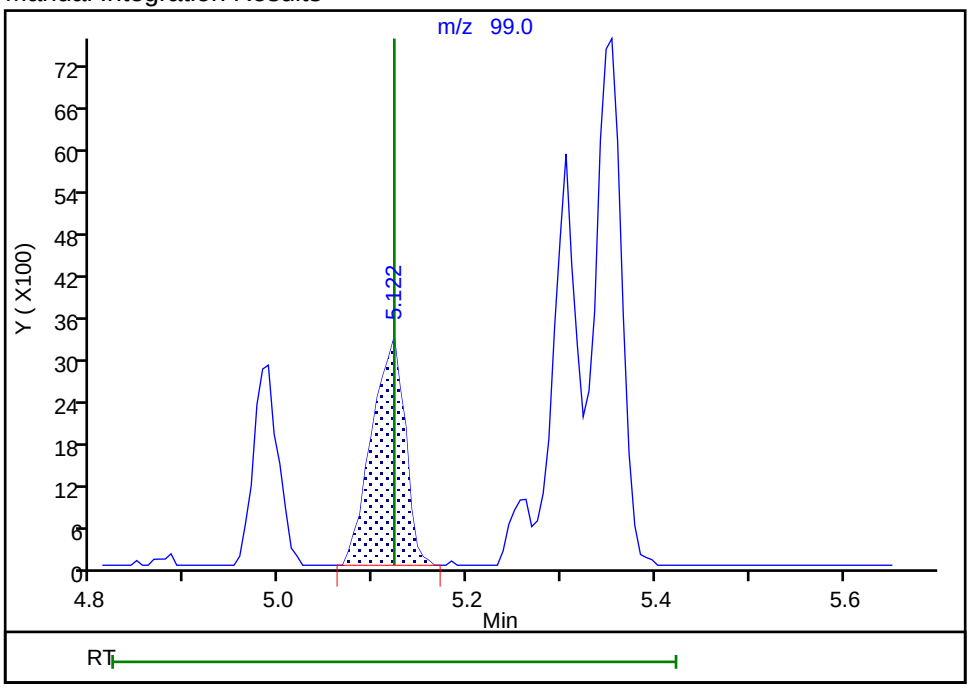
Processing Integration Results

RT: 5.35
Area: 14393
Amount: 28.727888
Amount Units: ug/l



Manual Integration Results

RT: 5.12
Area: 7991
Amount: 15.927129
Amount Units: ug/l



Reviewer: xuyvo, 03-Sep-2020 11:22:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

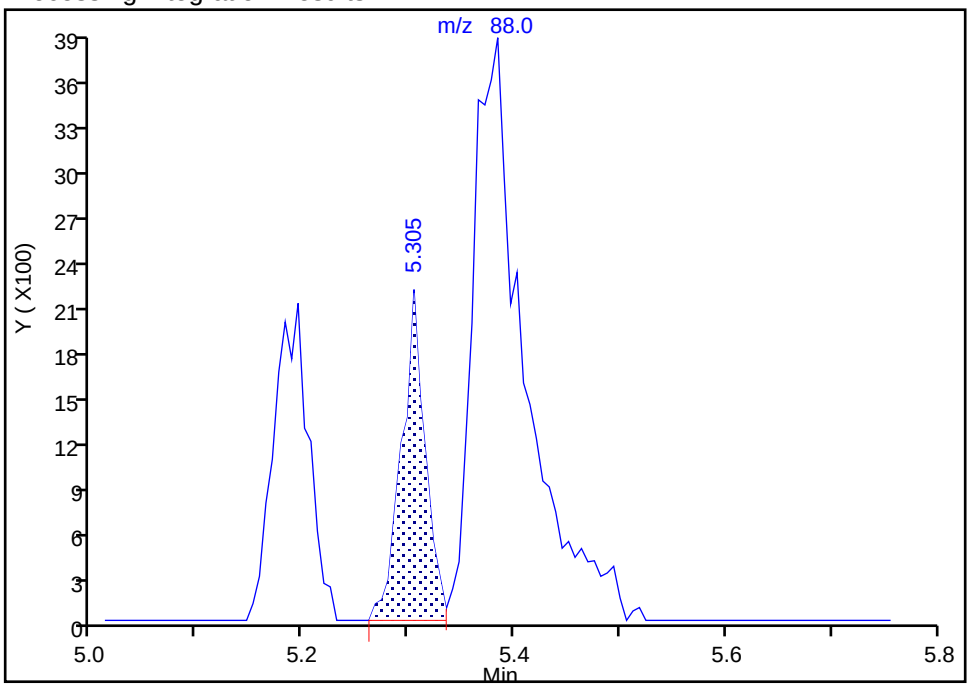
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129153.D
Injection Date: 02-Sep-2020 19:31:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

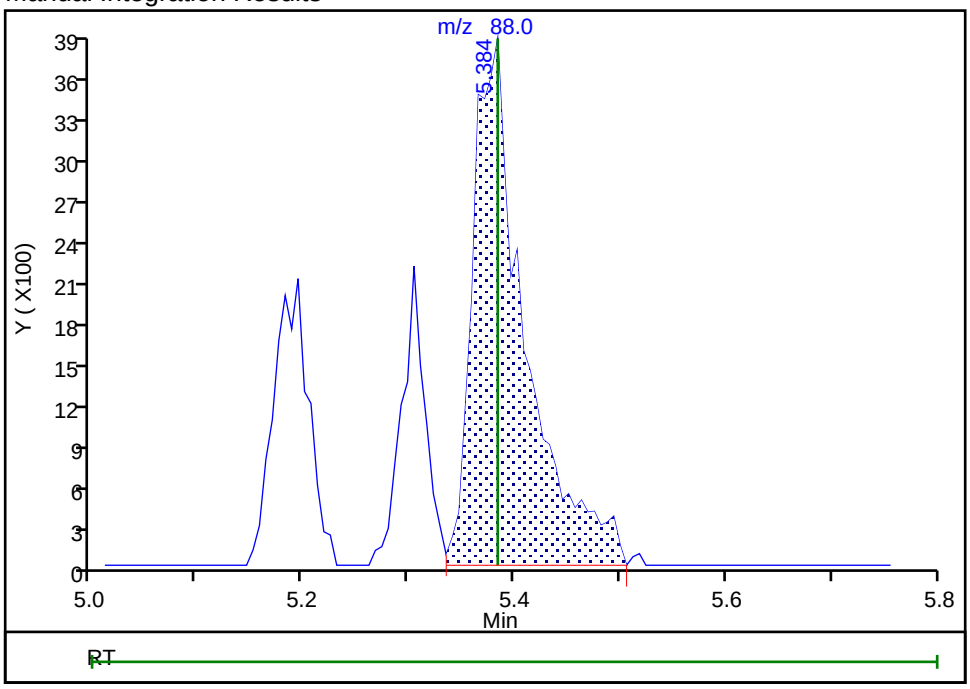
Processing Integration Results

RT: 5.30
Area: 3456
Amount: 17.227732
Amount Units: ug/l



Manual Integration Results

RT: 5.38
Area: 13297
Amount: 66.283900
Amount Units: ug/l



Reviewer: parekhv, 02-Sep-2020 21:47:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-717631/1014 Calibration Date: 08/18/2020 14:39

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B62325-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.4482	0.4741		21.2	20.0	5.8	30.0
Dichlorodifluoromethane	Ave	0.6826	0.5682	0.1000	16.6	20.0	-16.8	30.0
Chloromethane	Ave	1.170	1.084	0.1000	18.5	20.0	-7.3	30.0
Butadiene	Ave	0.7779	0.7187		18.5	20.0	-7.6	30.0
Vinyl chloride	Ave	0.7879	0.7079	0.1000	18.0	20.0	-10.2	30.0
Bromomethane	Ave	0.5159	0.4280	0.1000	16.6	20.0	-17.0	30.0
Chloroethane	Ave	0.4334	0.3995	0.1000	18.4	20.0	-7.8	30.0
Dichlorofluoromethane	Ave	1.065	0.9247		17.4	20.0	-13.2	30.0
Trichlorofluoromethane	Ave	0.7637	0.6390	0.1000	16.7	20.0	-16.3	30.0
Pentane	Ave	0.1012	0.0806		31.9	40.0	-20.4	30.0
Ethyl ether	Ave	0.4318	0.4037		18.7	20.0	-6.5	30.0
2-Methyl-1,3-butadiene	Ave	0.5827	0.4196		14.4	20.0	-28.0	30.0
Ethanol	Ave	0.0744	0.0597		642	800	-19.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4211	0.3084		14.6	20.0	-26.8	30.0
Acrolein	Ave	1.676	1.147		206	300	-31.5*	30.0
1,1-Dichloroethene	Ave	0.4364	0.4021	0.1000	18.4	20.0	-7.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4743	0.4121	0.1000	17.4	20.0	-13.1	30.0
Acetone	Ave	1.196	1.004	0.0500	84.0	100	-16.0	30.0
Iodomethane	Ave	0.7147	0.6235		17.4	20.0	-12.8	30.0
Carbon disulfide	Ave	1.601	1.347	0.1000	16.8	20.0	-15.9	30.0
Isopropyl alcohol	Ave	1.108	0.8037		145	200	-27.5	30.0
Allyl chloride	Ave	0.7744	0.6585		17.0	20.0	-15.0	30.0
Methyl acetate	QuaF		0.3398	0.1000	44.4	40.0	11.0	30.0
Acetonitrile	Ave	0.999	0.8173		164	200	-18.2	30.0
Methylene Chloride	Ave	0.4613	0.4673	0.1000	20.3	20.0	1.3	30.0
2-Methyl-2-propanol	Ave	1.650	1.433		174	200	-13.2	30.0
Acrylonitrile	Ave	4.452	4.211		189	200	-5.4	30.0
trans-1,2-Dichloroethene	Ave	0.4172	0.3766	0.1000	18.1	20.0	-9.7	30.0
Methyl tert-butyl ether	Ave	1.127	0.998	0.1000	17.7	20.0	-11.4	30.0
Hexane	Ave	0.7905	0.6613		16.7	20.0	-16.3	30.0
1,1-Dichloroethane	Ave	0.8600	0.7488	0.2000	17.4	20.0	-12.9	30.0
2-Chloro-1,3-butadiene	Ave	0.3715	0.2822		15.2	20.0	-24.0	30.0
Vinyl acetate	Ave	0.4948	0.3409		27.6	40.0	-31.1*	30.0
Isopropyl ether	Ave	1.768	1.319		14.9	20.0	-25.4	30.0
Tert-butyl ethyl ether	Ave	0.4452	0.3440		15.5	20.0	-22.7	30.0
2,2-Dichloropropane	Ave	0.1879	0.1730		18.4	20.0	-8.0	30.0
cis-1,2-Dichloroethene	Ave	0.4339	0.3920	0.1000	18.1	20.0	-9.7	30.0
2-Butanone (MEK)	Ave	0.3326	0.3073	0.0500	92.4	100	-7.6	30.0
Propionitrile	Ave	0.4284	0.3308		154	200	-22.8	30.0
Ethyl acetate	Ave	0.2468	0.2110		34.2	40.0	-14.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-717631/1014 Calibration Date: 08/18/2020 14:39

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B62325-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1969	0.1687		17.1	20.0	-14.3	30.0
Methacrylonitrile	Ave	0.1466	0.1132		154	200	-22.8	30.0
Tetrahydrofuran	QuaF		0.3674		46.6	40.0	16.4	30.0
Chloroform	Ave	0.6859	0.6365	0.2000	18.6	20.0	-7.2	30.0
1,1,1-Trichloroethane	Ave	0.5760	0.5202	0.1000	18.1	20.0	-9.7	30.0
Cyclohexane	Ave	0.6374	0.5510	0.1000	17.3	20.0	-13.6	30.0
1,1-Dichloropropene	Ave	0.5646	0.4953		17.5	20.0	-12.3	30.0
Carbon tetrachloride	Ave	0.4586	0.4115	0.1000	17.9	20.0	-10.3	30.0
Benzene	Ave	2.319	2.145	0.5000	18.5	20.0	-7.5	30.0
1,2-Dichloroethane	Ave	0.5164	0.4824	0.1000	18.7	20.0	-6.6	30.0
Isobutyl alcohol	Ave	0.3673	0.2845		387	500	-22.5	30.0
Tert-amyl methyl ether	Ave	1.353	1.083		16.0	20.0	-20.0	30.0
n-Heptane	Ave	0.8571	0.7598		17.7	20.0	-11.4	30.0
Trichloroethene	Ave	0.3809	0.3326	0.2000	17.5	20.0	-12.7	30.0
n-Butanol	QuaF		0.1116		410	500	-18.0	30.0
Ethyl acrylate	Ave	1.161	0.998		17.2	20.0	-14.0	30.0
Methylcyclohexane	Ave	0.7695	0.6797	0.1000	17.7	20.0	-11.7	30.0
1,2-Dichloropropane	Ave	0.4527	0.3955	0.1000	17.5	20.0	-12.6	30.0
Dibromomethane	Ave	0.2134	0.1936		18.2	20.0	-9.2	30.0
1,4-Dioxane	Ave	1.504	1.478		393	400	-1.8	30.0
Methyl methacrylate	Ave	0.0723	0.0610		33.8	40.0	-15.5	30.0
Dichlorobromomethane	Ave	0.4757	0.4381	0.2000	18.4	20.0	-7.9	30.0
2-Nitropropane	Ave	0.0878	0.0592		27.0	40.0	-32.6*	30.0
2-Chloroethyl vinyl ether	Ave	0.1316	0.0892		13.5	20.0	-32.3*	30.0
Epichlorohydrin	Ave	0.2682	0.3449		25.7	20.0	28.6	30.0
cis-1,3-Dichloropropene	Ave	0.8104	0.7468	0.2000	18.4	20.0	-7.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.581	2.987	0.0500	83.4	100	-16.6	30.0
Toluene	Ave	2.227	1.973	0.4000	17.7	20.0	-11.4	30.0
trans-1,3-Dichloropropene	Ave	0.6553	0.5514	0.1000	16.8	20.0	-15.9	30.0
1,1,2-Trichloroethane	Ave	0.3591	0.3134	0.1000	17.5	20.0	-12.7	30.0
Tetrachloroethene	Ave	0.4938	0.4593	0.2000	18.6	20.0	-7.0	30.0
1,3-Dichloropropane	Ave	0.7158	0.6480		18.1	20.0	-9.5	30.0
2-Hexanone	Ave	2.111	1.842	0.0500	87.3	100	-12.7	30.0
Chlorodibromomethane	Ave	0.3883	0.3509	0.1000	18.1	20.0	-9.6	30.0
Ethylene Dibromide	Ave	0.3624	0.3403	0.1000	18.8	20.0	-6.1	30.0
Chlorobenzene	Ave	1.277	1.173	0.5000	18.4	20.0	-8.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4656	0.4184		18.0	20.0	-10.1	30.0
Ethylbenzene	Ave	0.7415	0.6609	0.1000	17.8	20.0	-10.9	30.0
m-Xylene & p-Xylene	Ave	0.9108	0.8034	0.1000	17.6	20.0	-11.8	30.0
o-Xylene	Ave	0.9366	0.8380	0.3000	17.9	20.0	-10.5	30.0
Styrene	Ave	1.397	1.302	0.3000	18.6	20.0	-6.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-717631/1014 Calibration Date: 08/18/2020 14:39

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B62325-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acrylate	Ave	0.3274	0.2612		16.0	20.0	-20.2	30.0
Bromoform	Ave	0.2244	0.2099	0.1000	18.7	20.0	-6.5	30.0
Amyl acetate (mixed isomers)	Ave	1.851	1.414		15.3	20.0	-23.6	30.0
Isopropylbenzene	Ave	2.447	2.230	0.1000	18.2	20.0	-8.8	30.0
Bromobenzene	Ave	0.9802	0.8801		18.0	20.0	-10.2	30.0
1,2,3-Trichloropropane	Ave	0.2781	0.2528		18.2	20.0	-9.1	30.0
1,1,2,2-Tetrachloroethane	Ave	1.125	0.9887	0.3000	17.6	20.0	-12.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3196	0.2945		18.4	20.0	-7.9	30.0
N-Propylbenzene	Ave	1.184	1.029		17.4	20.0	-13.1	30.0
2-Chlorotoluene	Ave	1.015	0.9038		17.8	20.0	-11.0	30.0
4-Ethyltoluene	Ave	4.214	3.390		16.1	20.0	-19.5	30.0
4-Chlorotoluene	Ave	3.594	3.393		18.9	20.0	-5.6	30.0
1,3,5-Trimethylbenzene	Ave	3.788	3.486		18.4	20.0	-8.0	30.0
tert-Butylbenzene	Ave	3.019	2.710		18.0	20.0	-10.2	30.0
1,2,4-Trimethylbenzene	Ave	3.841	3.463		18.0	20.0	-9.8	30.0
sec-Butylbenzene	Ave	4.899	4.611		18.8	20.0	-5.9	30.0
1,3-Dichlorobenzene	Ave	1.903	1.714	0.6000	18.0	20.0	-9.9	30.0
1,4-Dichlorobenzene	Ave	1.923	1.701	0.5000	17.7	20.0	-11.6	30.0
4-Isopropyltoluene	Ave	4.055	3.626		17.9	20.0	-10.6	30.0
1,2,3-Trimethylbenzene	Ave	3.964	3.156		15.9	20.0	-20.4	30.0
Benzyl chloride	Ave	0.3049	0.2102		13.8	20.0	-31.1*	30.0
Indan	Ave	1.446	1.146		15.8	20.0	-20.8	30.0
1,2-Dichlorobenzene	Ave	2.026	1.686	0.4000	16.6	20.0	-16.8	30.0
p-Diethylbenzene	Ave	2.113	1.633		15.5	20.0	-22.7	30.0
n-Butylbenzene	Ave	2.429	2.008		16.5	20.0	-17.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1951	0.1767	0.0500	18.1	20.0	-9.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.910	2.874		14.7	20.0	-26.5	30.0
1,3,5-Trichlorobenzene	Ave	1.638	1.096		13.4	20.0	-33.0*	30.0
1,2,4-Trichlorobenzene	Ave	1.400	1.176	0.2000	16.8	20.0	-16.0	30.0
Hexachlorobutadiene	Ave	0.8045	0.6792		16.9	20.0	-15.6	30.0
Naphthalene	Ave	3.277	2.808		17.1	20.0	-14.3	30.0
1,2,3-Trichlorobenzene	Ave	1.395	1.141		16.4	20.0	-18.2	30.0
Dibromofluoromethane (Surr)	Ave	0.3300	0.2898		43.9	50.0	-12.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3994	0.3410		42.7	50.0	-14.6	30.0
Toluene-d8 (Surr)	Ave	1.862	1.620		43.5	50.0	-13.0	30.0
4-Bromofluorobenzene	Ave	0.8998	0.8031		44.6	50.0	-10.7	30.0

Eurofins Environment Testing America
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 18-Aug-2020 14:39:30 ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0115309-014
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 19-Aug-2020 12:12:10 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 19-Aug-2020 12:12:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.660	0.666	-0.006	27	4849	20.0	9.45	a
2 1,1-Difluoroethane	51	0.709	0.697	0.012	37	130664	20.0	21.2	
3 Dichlorodifluoromethane	85	0.733	0.727	0.006	42	156589	20.0	16.6	M
4 Chlorodifluoromethane	51	0.740	0.733	0.007	90	167819	20.0	16.0	
5 Chloromethane	50	0.813	0.813	0.000	98	298791	20.0	18.5	
6 Butadiene	54	0.855	0.843	0.012	95	198074	20.0	18.5	
7 Vinyl chloride	62	0.861	0.855	0.006	97	195076	20.0	18.0	
8 Bromomethane	94	0.996	0.996	0.000	99	117957	20.0	16.6	
9 Chloroethane	64	1.020	1.026	-0.006	99	110085	20.0	18.4	
10 Dichlorofluoromethane	67	1.136	1.136	0.000	98	254832	20.0	17.4	
11 Trichlorofluoromethane	101	1.166	1.148	0.018	51	176110	20.0	16.7	
12 Pentane	72	1.172	1.178	-0.006	97	44412	40.0	31.9	
13 Ethyl ether	59	1.282	1.288	-0.006	91	111260	20.0	18.7	
14 Ethanol	46	1.294	1.294	0.000	78	22854	800.0	641.8	M
15 2-Methyl-1,3-butadiene	53	1.294	1.294	0.000	98	115645	20.0	14.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.313	1.300	0.013	86	84993	20.0	14.6	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.343	1.343	0.000	93	168405	20.0	16.1	a
18 Acrolein	56	1.361	1.355	0.006	94	164964	300.4	205.7	
19 1,1-Dichloroethene	96	1.404	1.404	0.000	94	110822	20.0	18.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.447	1.441	0.006	54	113580	20.0	17.4	
21 Acetone	43	1.447	1.447	0.000	85	178703	100.0	84.0	
22 Iodomethane	142	1.489	1.489	0.000	97	171816	20.0	17.4	
23 Carbon disulfide	76	1.520	1.520	0.000	100	371133	20.0	16.8	
24 Isopropyl alcohol	45	1.563	1.556	0.007	24	76940	200.0	145.1	a
25 3-Chloro-1-propene	39	1.611	1.617	-0.006	91	181469	20.0	17.0	
26 Methyl acetate	43	1.636	1.636	0.000	99	187291	40.0	44.4	
27 Acetonitrile	39	1.660	1.660	0.000	28	78246	200.0	163.6	a
28 Methylene Chloride	84	1.697	1.691	0.006	97	128785	20.0	20.3	
* 29 TBA-d9 (IS)	65	1.770	1.770	0.000	0	478665	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.819	1.819	0.000	91	137182	200.0	173.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.849	1.849	0.000	95	403094	200.0	189.2	
32 trans-1,2-Dichloroethene	96	1.861	1.867	-0.006	97	103794	20.0	18.1	
33 Methyl tert-butyl ether	73	1.886	1.880	0.006	98	275121	20.0	17.7	
34 Hexane	57	2.056	2.056	0.000	96	182255	20.0	16.7	
35 1,1-Dichloroethane	63	2.148	2.154	-0.006	99	206368	20.0	17.4	
36 2-Chloro-1,3-butadiene	88	2.221	2.215	0.006	64	77767	20.0	15.2	
37 Vinyl acetate	86	2.221	2.215	0.006	100	24262	40.0	27.6	
38 Isopropyl ether	45	2.239	2.239	0.000	93	363610	20.0	14.9	
39 Tert-butyl ethyl ether	87	2.532	2.520	0.012	88	94802	20.0	15.5	M
* 40 2-Butanone-d5	46	2.593	2.593	0.000	0	444762	250.0	250.0	a
42 2,2-Dichloropropane	79	2.611	2.605	0.006	60	47665	20.0	18.4	
41 cis-1,2-Dichloroethene	96	2.611	2.611	0.000	89	108024	20.0	18.1	
43 2-Butanone (MEK)	72	2.654	2.654	0.000	99	54664	100.0	92.4	
44 Propionitrile	54	2.690	2.690	0.000	94	117690	200.0	154.4	
45 Ethyl acetate	70	2.727	2.721	0.006	98	15015	40.0	34.2	a
46 Chlorobromomethane	128	2.812	2.806	0.006	95	46482	20.0	17.1	
47 Methacrylonitrile	67	2.818	2.818	0.000	95	312039	200.0	154.4	
48 Tetrahydrofuran	72	2.867	2.867	0.000	85	26145	40.0	46.6	
49 Chloroform	83	2.898	2.898	0.000	95	175403	20.0	18.6	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.044	0.000	96	199686	50.0	43.9	
50 1,1,1-Trichloroethane	97	3.050	3.050	0.000	76	143353	20.0	18.1	
52 Cyclohexane	84	3.099	3.099	0.000	96	151844	20.0	17.3	
53 Carbon tetrachloride	117	3.209	3.209	0.000	76	113395	20.0	17.9	
54 1,1-Dichloropropene	75	3.202	3.209	-0.007	92	136489	20.0	17.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	234924	50.0	42.7	
56 Benzene	78	3.404	3.398	0.006	96	407550	20.0	18.5	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	96	132939	20.0	18.7	
58 Isobutyl alcohol	42	3.483	3.483	0.000	58	68101	500.0	387.3	a
59 Tert-amyl methyl ether	73	3.574	3.574	0.000	89	298398	20.0	16.0	
* 60 Fluorobenzene	96	3.721	3.721	0.000	98	688954	50.0	50.0	
61 n-Heptane	43	3.769	3.769	0.000	96	209388	20.0	17.7	
62 Trichloroethene	95	4.135	4.141	-0.006	98	91667	20.0	17.5	
63 n-Butanol	43	4.288	4.263	0.025	1	26699	500.0	410.2	
65 Ethyl acrylate	55	4.355	4.355	0.000	92	275140	20.0	17.2	a
64 Methylcyclohexane	83	4.355	4.355	0.000	87	187303	20.0	17.7	
66 1,2-Dichloropropane	63	4.403	4.397	0.006	93	109006	20.0	17.5	
67 Dibromomethane	93	4.544	4.538	0.006	39	53362	20.0	18.2	
* 68 1,4-Dioxane-d8	96	4.580	4.574	0.006	0	30624	1000.0	1000.0	
69 1,4-Dioxane	88	4.647	4.653	-0.006	36	18103	400.0	393.0	M
70 Methyl methacrylate	100	4.660	4.660	0.000	92	33646	40.0	33.8	
71 Dichlorobromomethane	83	4.788	4.788	0.000	98	120742	20.0	18.4	
72 2-Nitropropane	41	5.111	5.117	-0.006	98	32622	40.0	27.0	
73 2-Chloroethyl vinyl ether	63	5.287	5.294	-0.007	94	24573	20.0	13.5	
74 Epichlorohydrin	57	5.306	5.318	-0.012	39	12272	20.0	25.7	Ma
75 cis-1,3-Dichloropropene	75	5.428	5.428	0.000	95	141914	20.0	18.4	
76 4-Methyl-2-pentanone (MIBK)	43	5.732	5.739	-0.007	97	531485	100.0	83.4	a
$ 77 Toluene-d8 (Surr)	98	5.793	5.800	-0.007	97	769444	50.0	43.5	
78 Toluene	91	5.897	5.897	0.000	93	374874	20.0	17.7	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	96	104777	20.0	16.8	
80 1,1,2-Trichloroethane	83	6.598	6.598	0.000	94	59554	20.0	17.5	
81 Tetrachloroethene	166	6.763	6.757	0.006	96	87279	20.0	18.6	
82 1,3-Dichloropropane	76	6.860	6.854	0.006	98	123138	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.141	7.141	0.000	99	327704	100.0	87.3	
84 Chlorodibromomethane	129	7.220	7.214	0.006	97	66681	20.0	18.1	
85 Ethylene Dibromide	107	7.342	7.336	0.006	97	64669	20.0	18.8	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	90	475092	50.0	50.0	
87 Chlorobenzene	112	8.299	8.299	0.000	91	222888	20.0	18.4	
88 1,1,1,2-Tetrachloroethane	131	8.519	8.525	-0.006	91	79507	20.0	18.0	
89 Ethylbenzene	106	8.592	8.598	-0.006	99	125593	20.0	17.8	
90 m-Xylene & p-Xylene	106	8.836	8.842	-0.006	98	152676	20.0	17.6	
92 o-Xylene	106	9.555	9.555	0.000	93	159252	20.0	17.9	
93 Styrene	104	9.598	9.598	0.000	94	247488	20.0	18.6	
91 n-Butyl acrylate	73	9.768	9.768	0.000	0	49645	20.0	16.0	
94 Bromoform	173	9.835	9.841	-0.006	95	39880	20.0	18.7	
95 Amyl acetate (mixed isomers)	43	10.226	10.232	-0.006	86	149434	20.0	15.3	
96 Isopropylbenzene	105	10.280	10.274	0.006	96	423855	20.0	18.2	
$ 97 4-Bromofluorobenzene	174	10.482	10.482	0.000	86	212229	50.0	44.6	
98 Bromobenzene	156	10.664	10.664	0.000	94	93033	20.0	18.0	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	96	26720	20.0	18.2	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	98	104512	20.0	17.6	
101 trans-1,4-Dichloro-2-butene	53	10.981	10.988	-0.007	82	31125	20.0	18.4	
102 N-Propylbenzene	120	11.012	11.018	-0.006	99	108780	20.0	17.4	
103 2-Chlorotoluene	126	11.061	11.061	0.000	97	95532	20.0	17.8	
104 4-Ethyltoluene	105	11.231	11.231	0.000	98	358357	20.0	16.1	
105 4-Chlorotoluene	91	11.268	11.268	0.000	99	358650	20.0	18.9	
106 1,3,5-Trimethylbenzene	105	11.359	11.359	0.000	91	368448	20.0	18.4	
107 tert-Butylbenzene	119	11.902	11.902	0.000	91	286488	20.0	18.0	
108 1,2,4-Trimethylbenzene	105	12.000	12.000	0.000	99	366022	20.0	18.0	
109 sec-Butylbenzene	105	12.341	12.341	0.000	98	487362	20.0	18.8	
110 1,3-Dichlorobenzene	146	12.432	12.432	0.000	92	181156	20.0	18.0	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	264255	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.627	12.634	-0.007	94	179774	20.0	17.7	
113 4-Isopropyltoluene	119	12.688	12.688	0.000	97	383257	20.0	17.9	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	100	333588	20.0	15.9	
115 Benzyl chloride	126	12.902	12.896	0.006	98	22221	20.0	13.8	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	315830	20.0	15.8	
117 1,2-Dichlorobenzene	146	13.133	13.133	0.000	93	178263	20.0	16.6	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	172589	20.0	15.5	a
119 n-Butylbenzene	92	13.231	13.231	0.000	98	212251	20.0	16.5	
120 1,2-Dibromo-3-Chloropropane	157	13.889	13.889	0.000	90	18679	20.0	18.1	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	97	303815	20.0	14.7	
122 1,3,5-Trichlorobenzene	180	14.054	14.054	0.000	96	115892	20.0	13.4	
123 1,2,4-Trichlorobenzene	180	14.487	14.493	-0.006	93	124255	20.0	16.8	
124 Hexachlorobutadiene	225	14.621	14.627	-0.006	94	71789	20.0	16.9	
125 Naphthalene	128	14.639	14.639	0.000	99	296817	20.0	17.1	
126 1,2,3-Trichlorobenzene	180	14.792	14.798	-0.006	95	120626	20.0	16.4	
S 127 1,2-Dichloroethene, Total	100				0		40.0	36.1	
S 128 1,3-Dichloropropene, Total	100				0		40.0	35.3	
S 129 Xylenes, Total	100				0		40.0	35.5	
S 130 Total BTEX	1				0		100.0	89.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00115	Amount Added:	3.00	Units: uL	
GAS C SP_00369	Amount Added:	2.00	Units: uL	
8260 SP_00128	Amount Added:	2.00	Units: uL	
8FreonsSS_00023	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Aug-2020 12:12:21 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins Environment Testing America

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d

Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2 Operator ID:

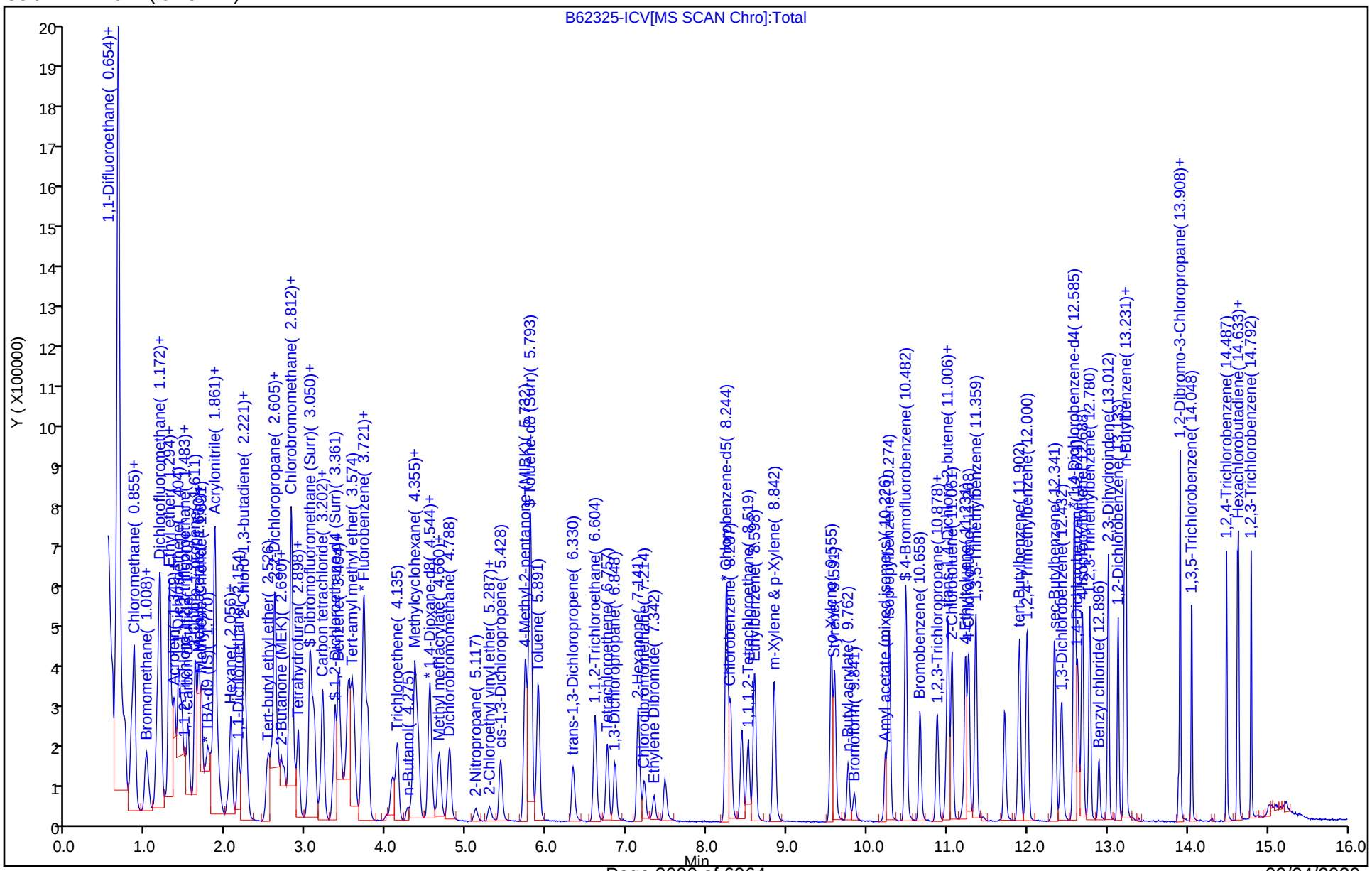
Lims ID: ICV Worklist Smp#: 1014

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

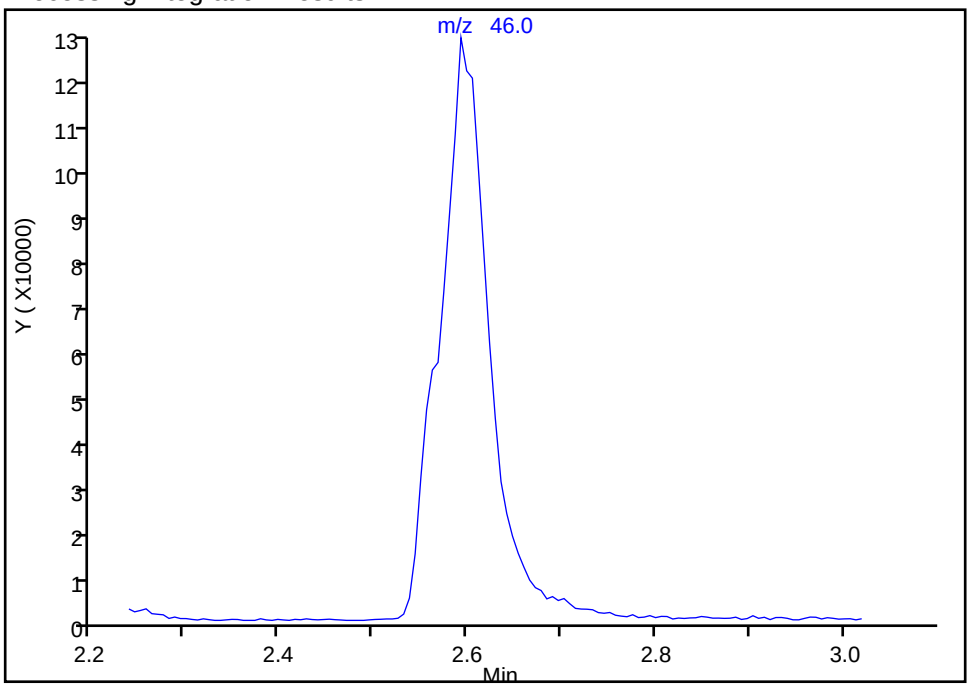
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

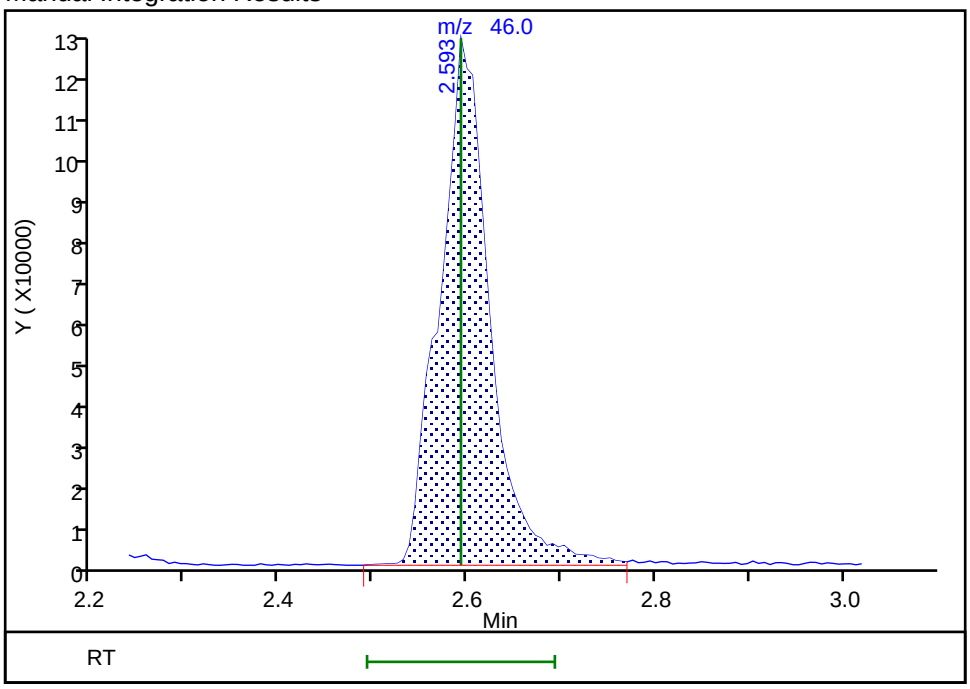
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 444762
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:08:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

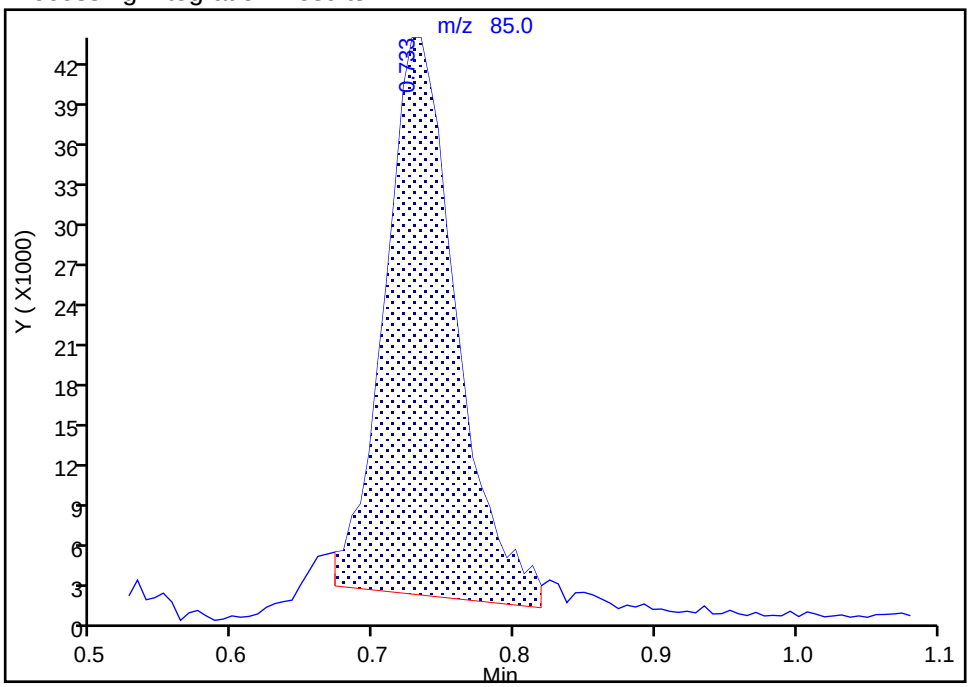
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

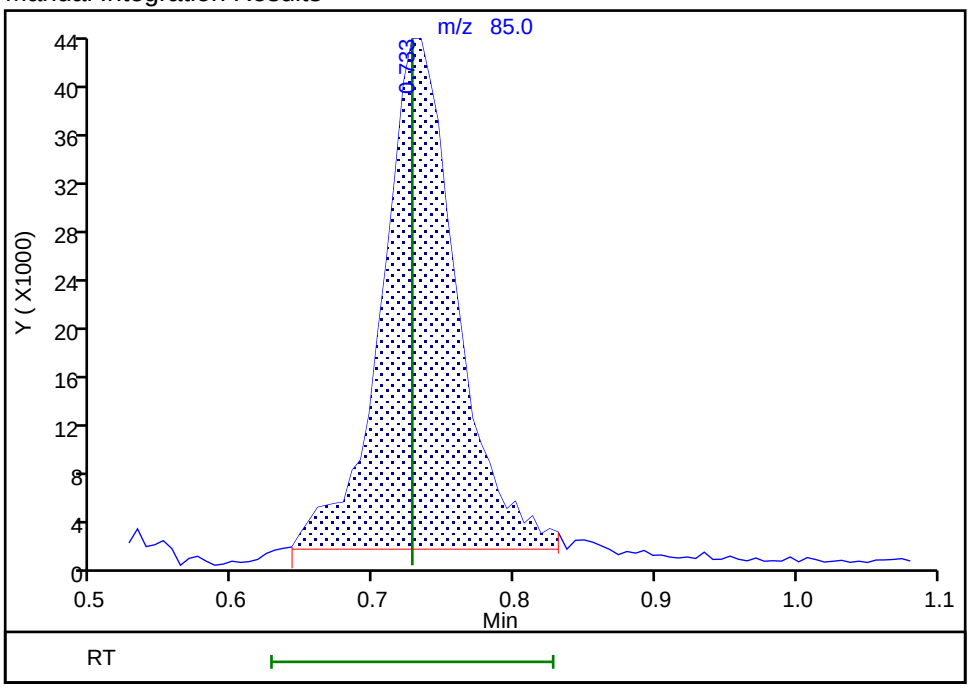
Processing Integration Results

RT: 0.73
Area: 147533
Amount: 15.684611
Amount Units: ug/l



Manual Integration Results

RT: 0.73
Area: 156589
Amount: 16.647377
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

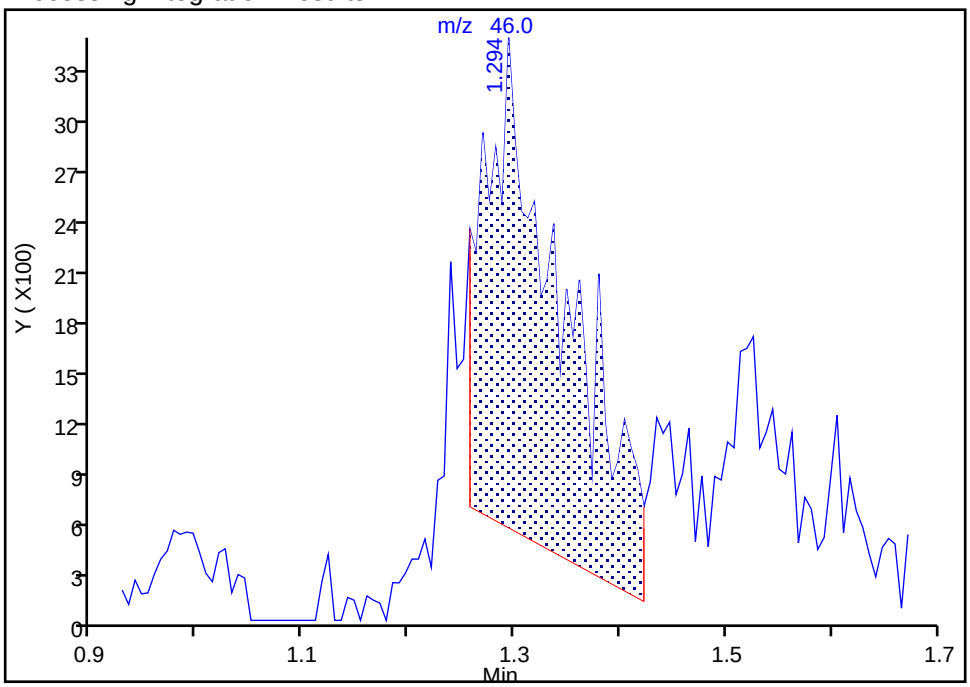
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

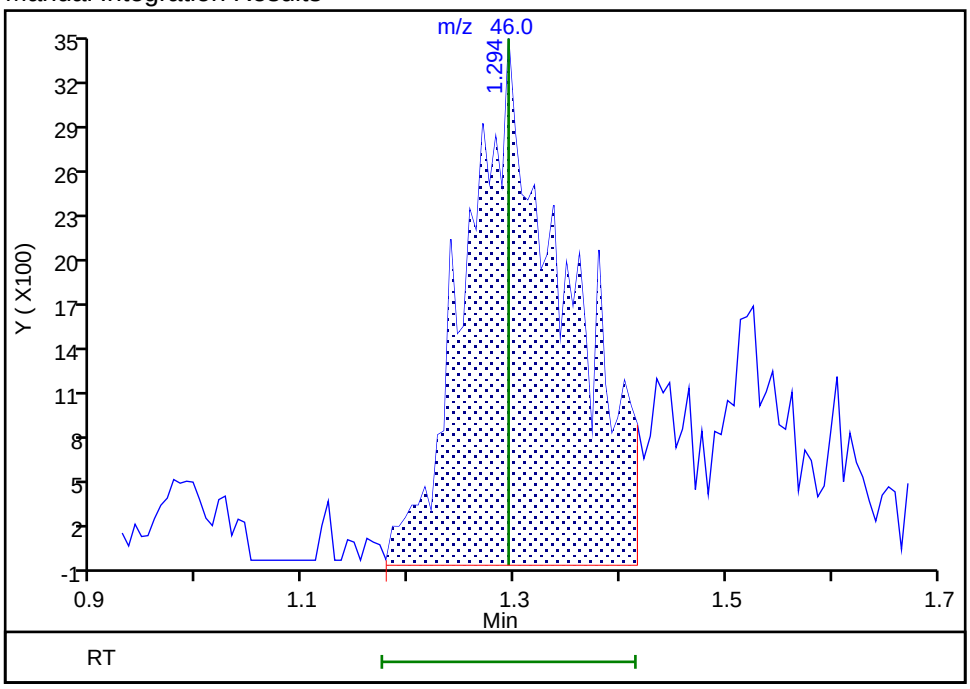
Processing Integration Results

RT: 1.29
Area: 15313
Amount: 430.0310
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 22854
Amount: 641.8029
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

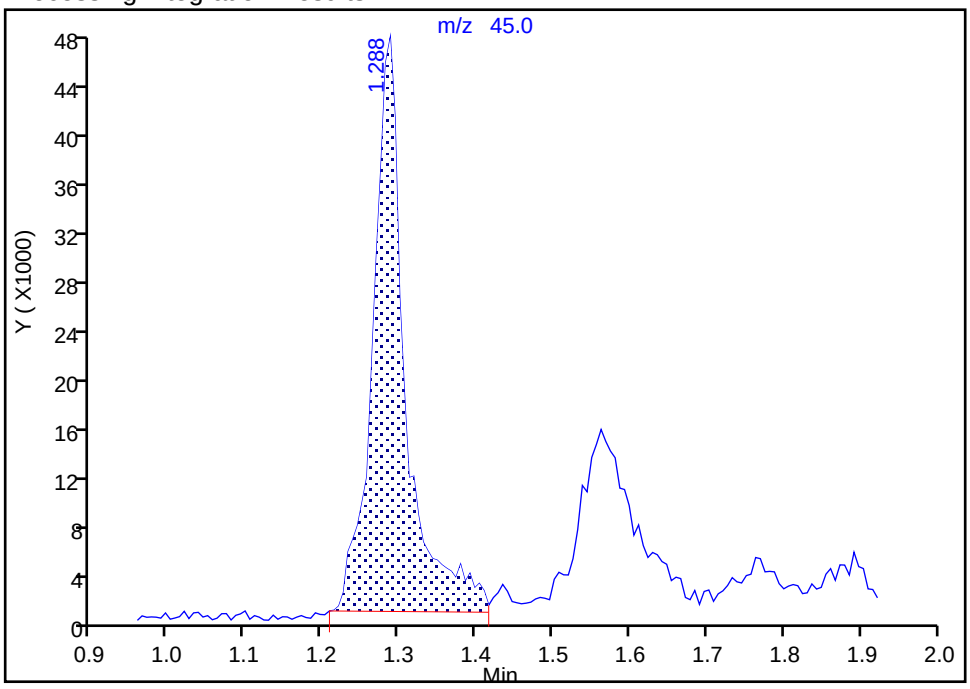
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

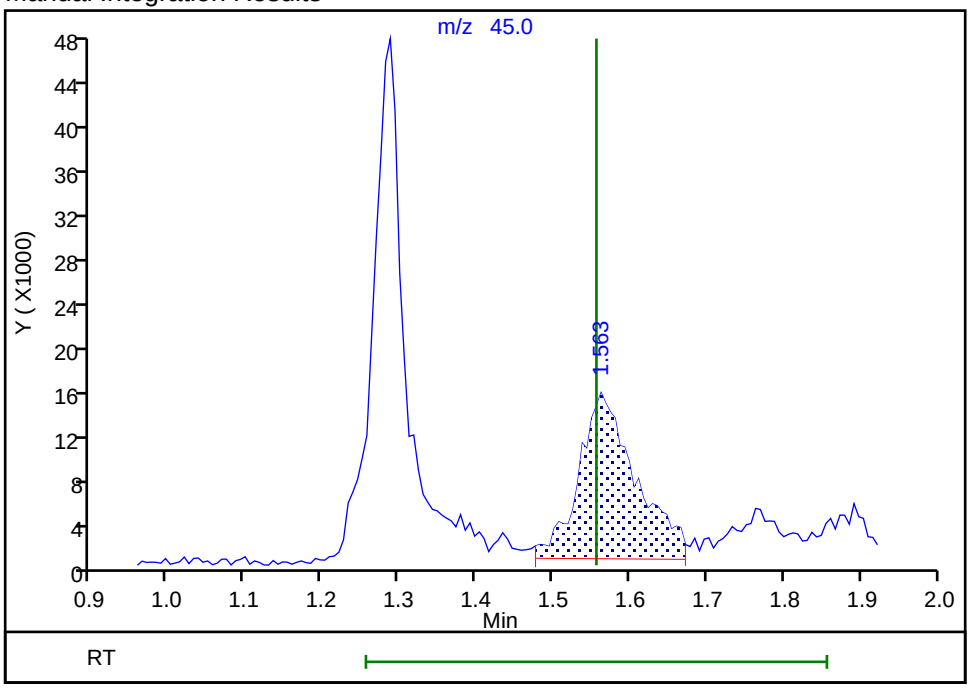
Processing Integration Results

RT: 1.29
Area: 138342
Amount: 260.8710
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 76940
Amount: 145.0855
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:28
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

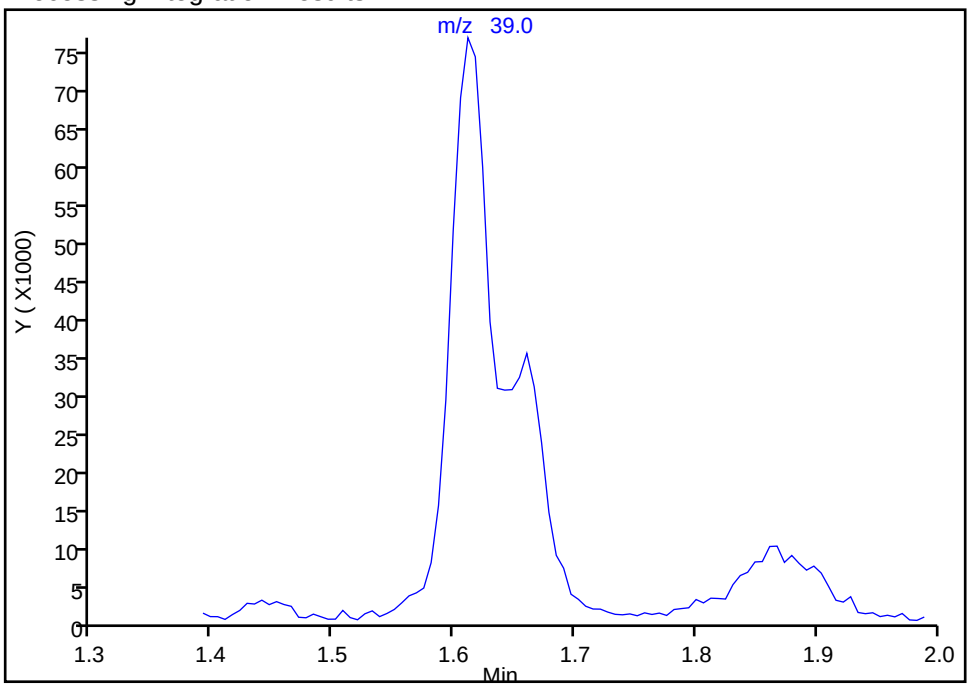
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

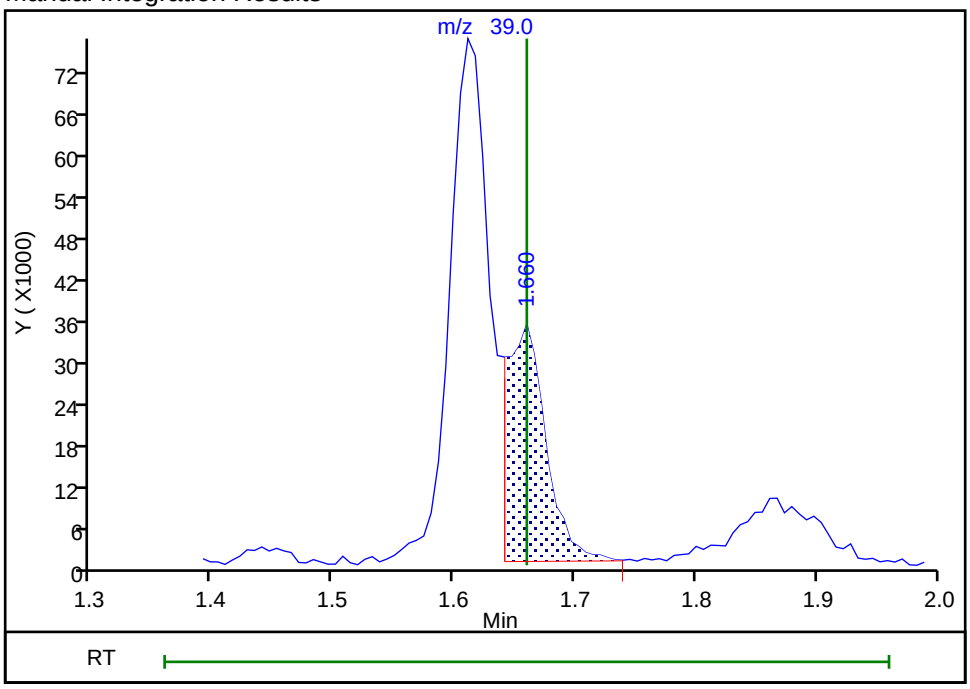
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.66
Area: 78246
Amount: 163.5693
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

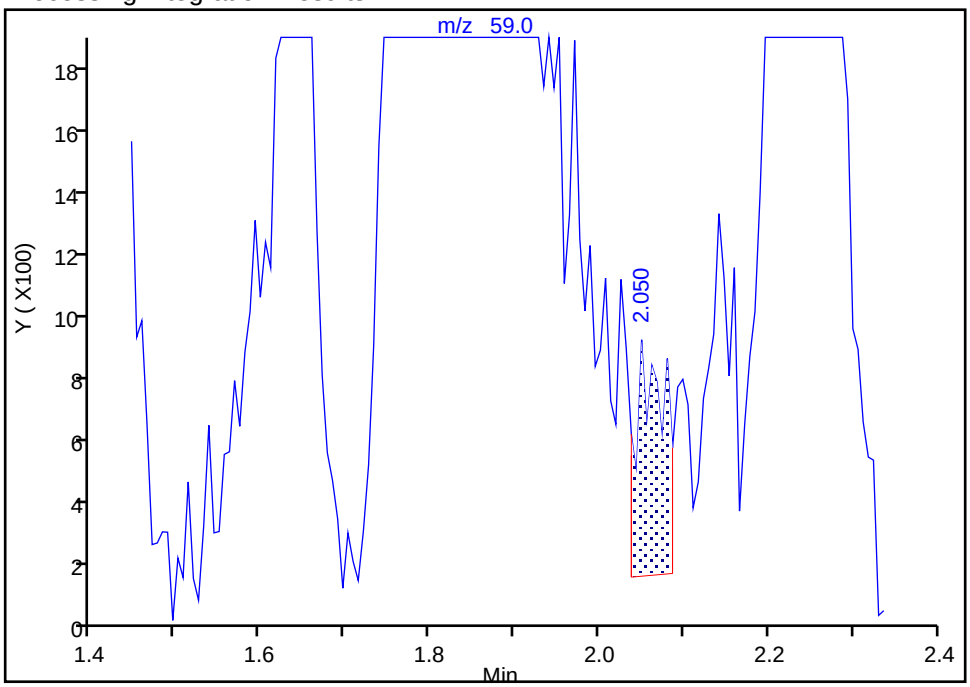
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

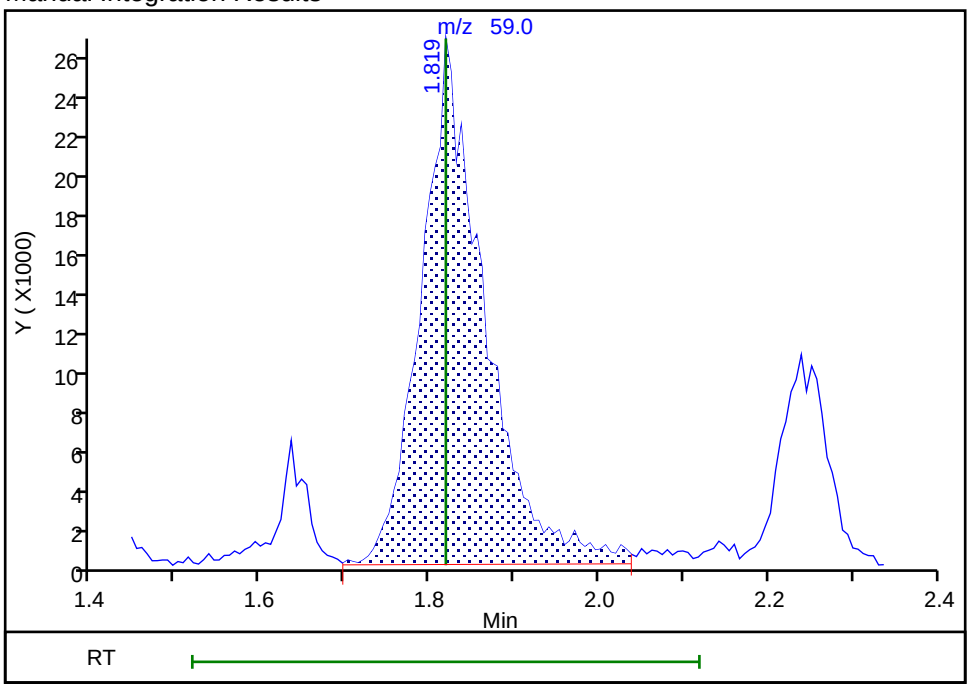
Processing Integration Results

RT: 2.05
Area: 1646
Amount: 2.083546
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 137182
Amount: 173.6482
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

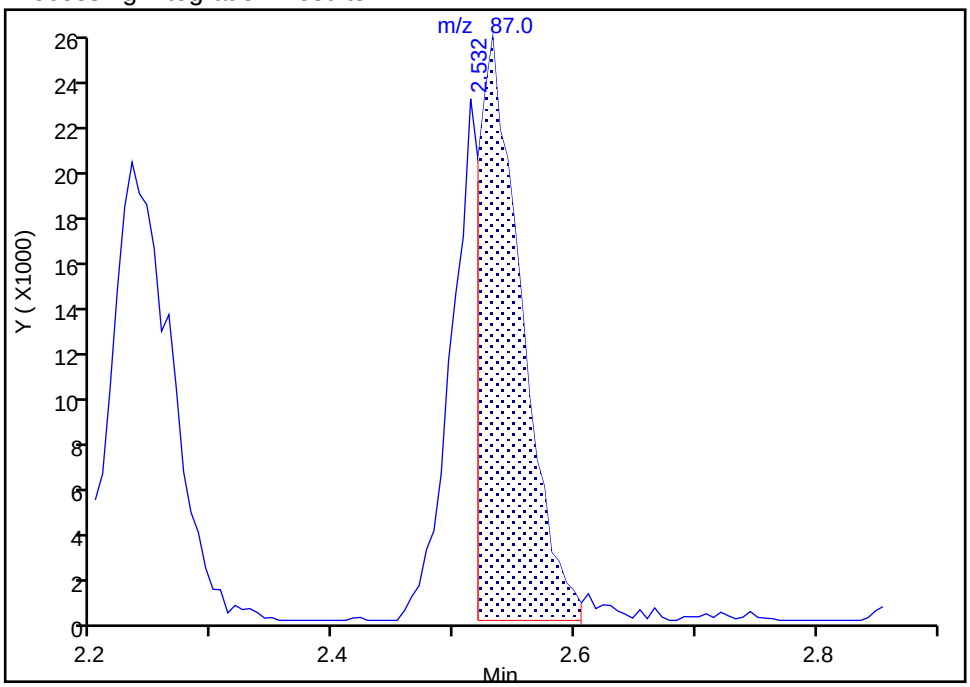
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

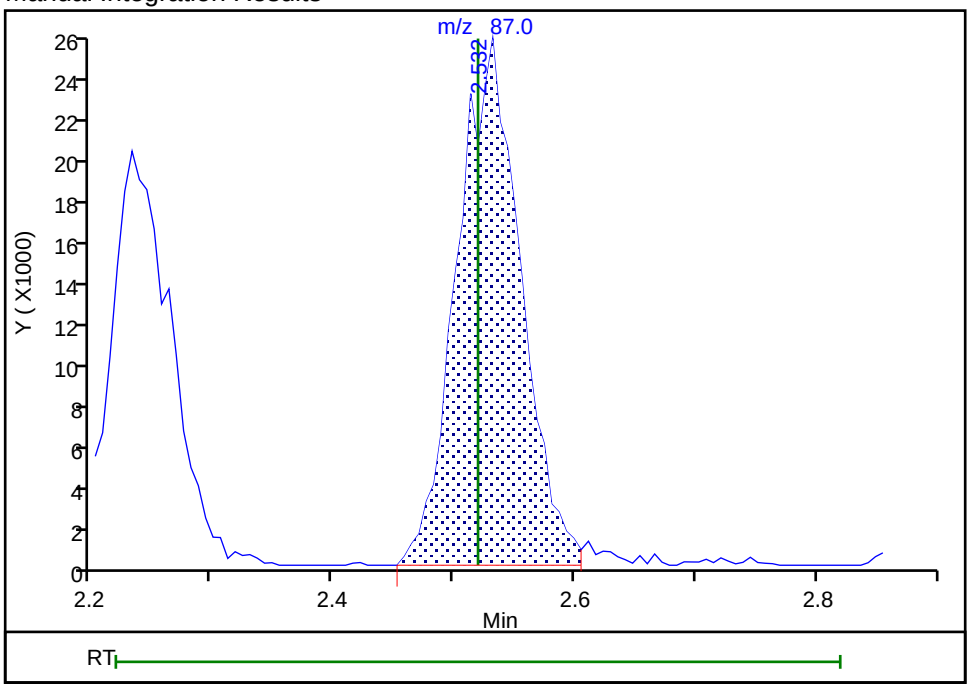
Processing Integration Results

RT: 2.53
Area: 64455
Amount: 10.506402
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 94802
Amount: 15.453074
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

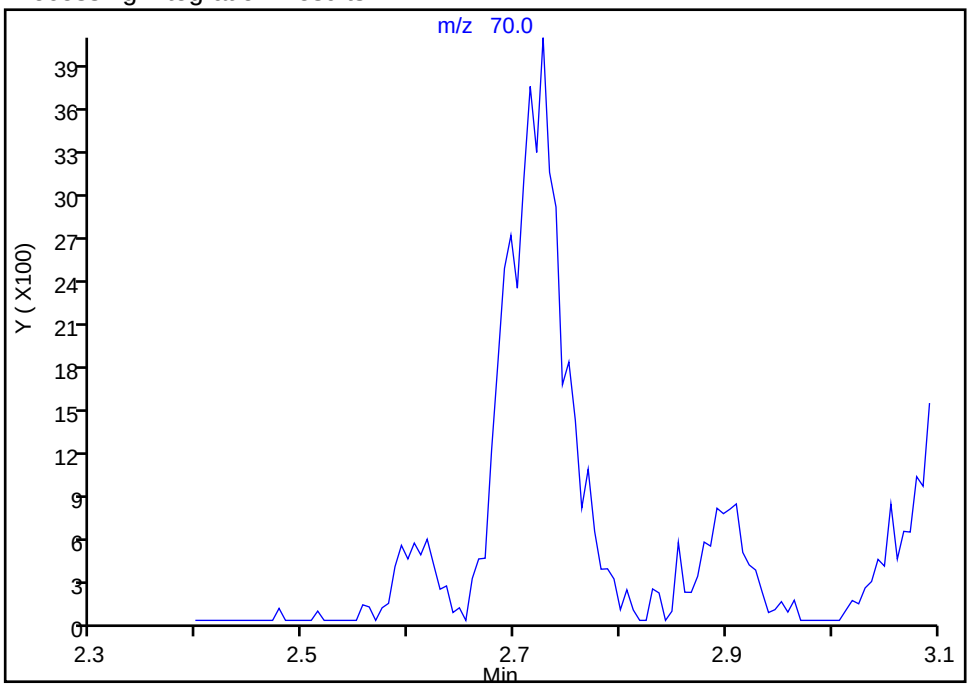
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

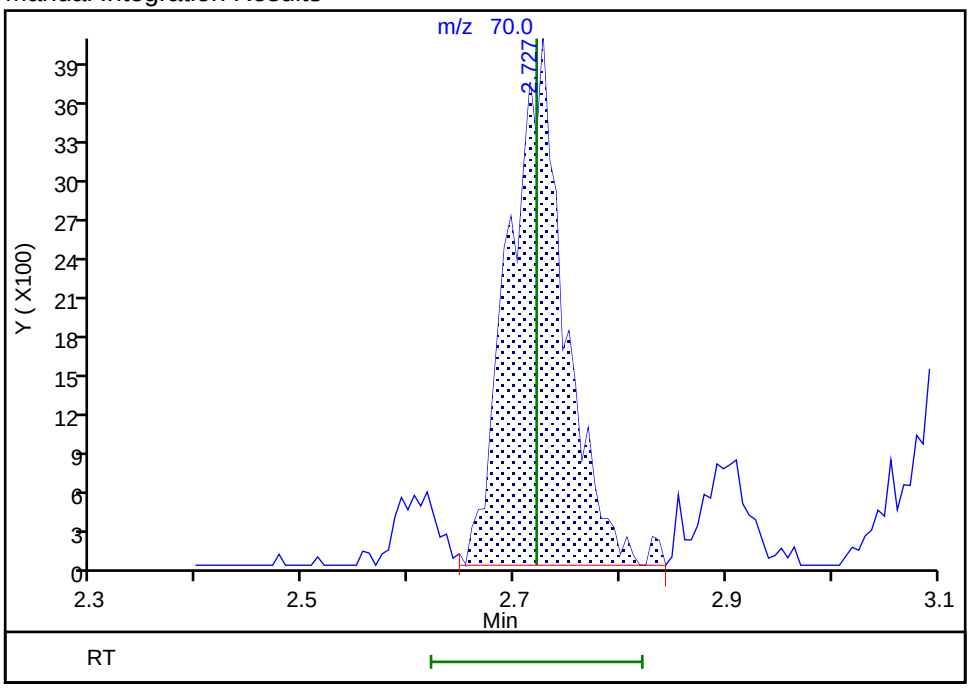
Not Detected
Expected RT: 2.72

Processing Integration Results



Manual Integration Results

RT: 2.73
Area: 15015
Amount: 34.197841
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:53
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

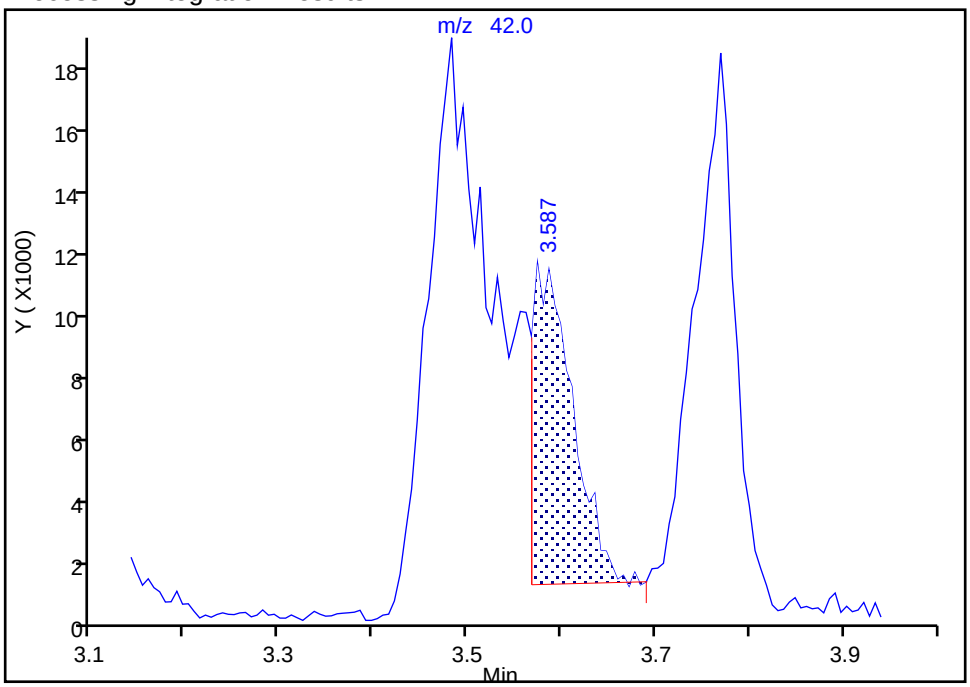
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

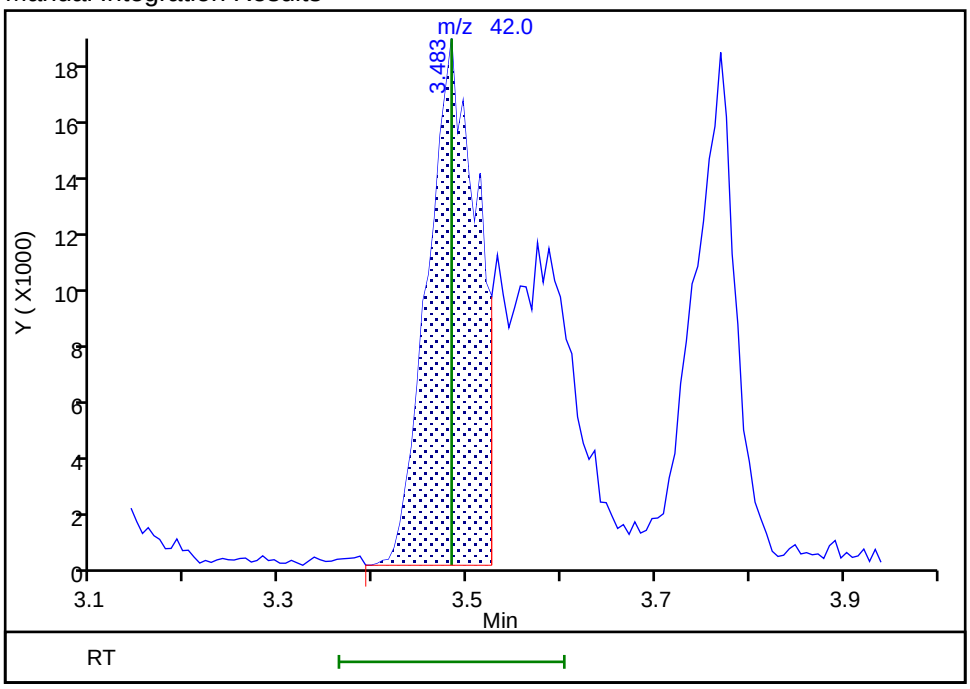
Processing Integration Results

RT: 3.59
Area: 29870
Amount: 169.8799
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 68101
Amount: 387.3114
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:09:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

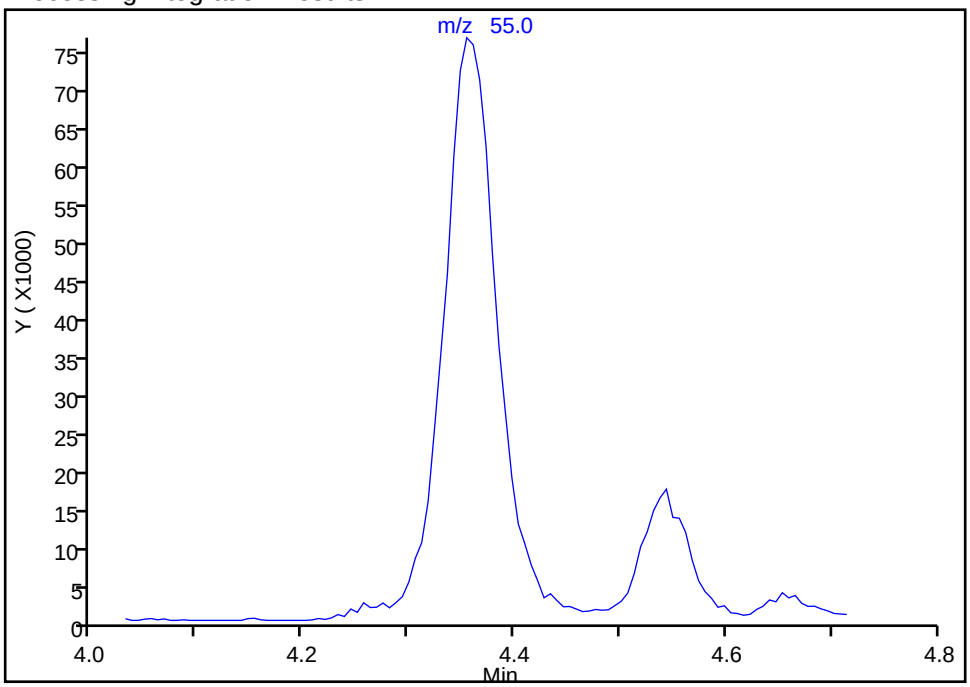
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

65 Ethyl acrylate, CAS: 140-88-5

Signal: 1

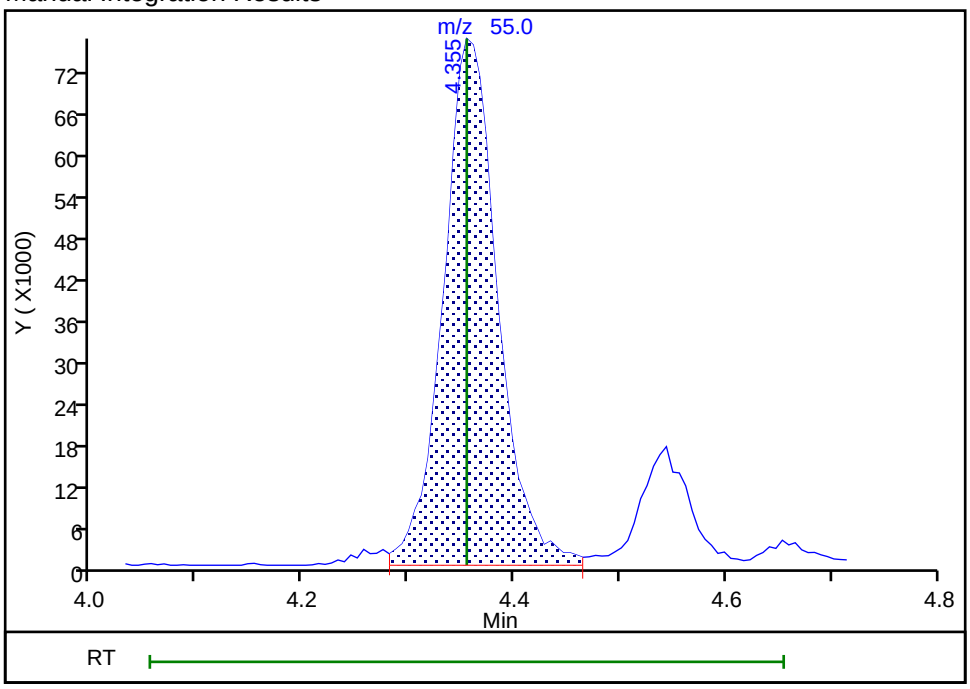
Not Detected
Expected RT: 4.35

Processing Integration Results



Manual Integration Results

RT: 4.35
Area: 275140
Amount: 17.206027
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:10:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

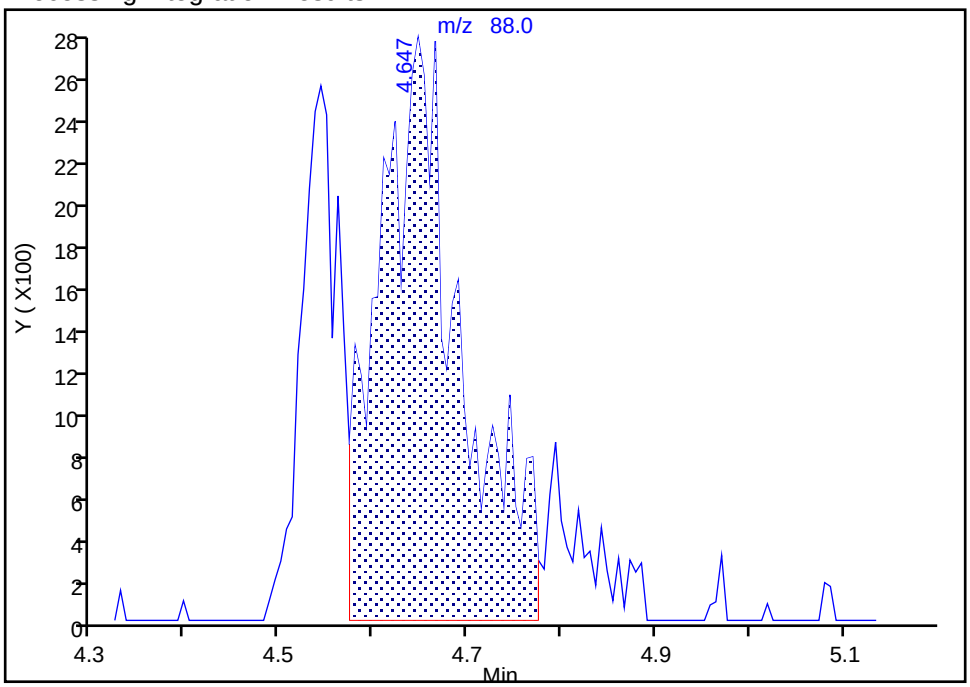
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

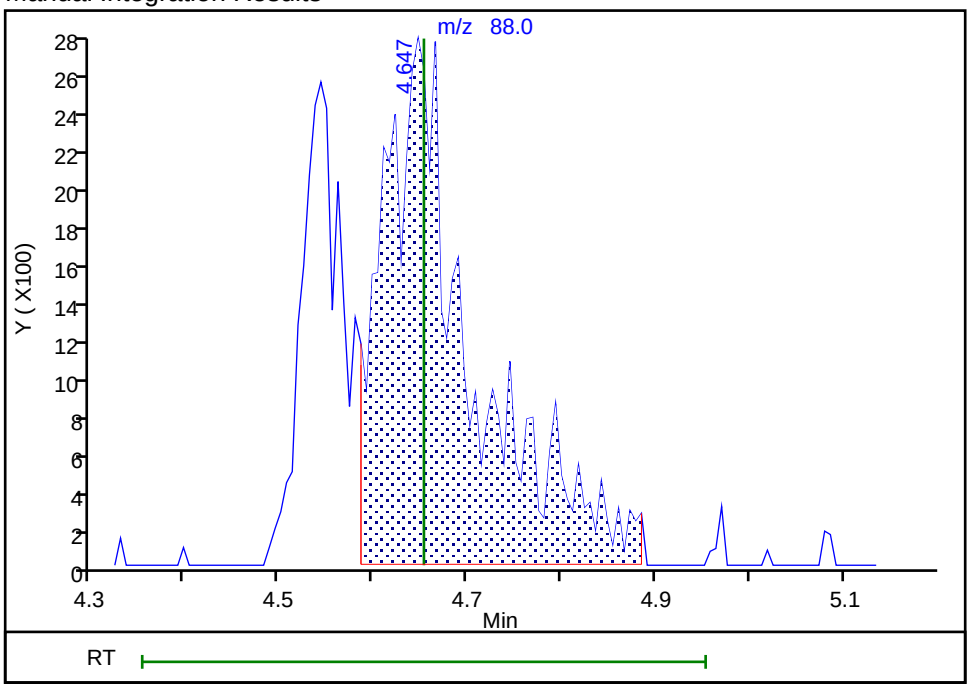
Processing Integration Results

RT: 4.65
Area: 16778
Amount: 364.2058
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 18103
Amount: 392.9680
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:10:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

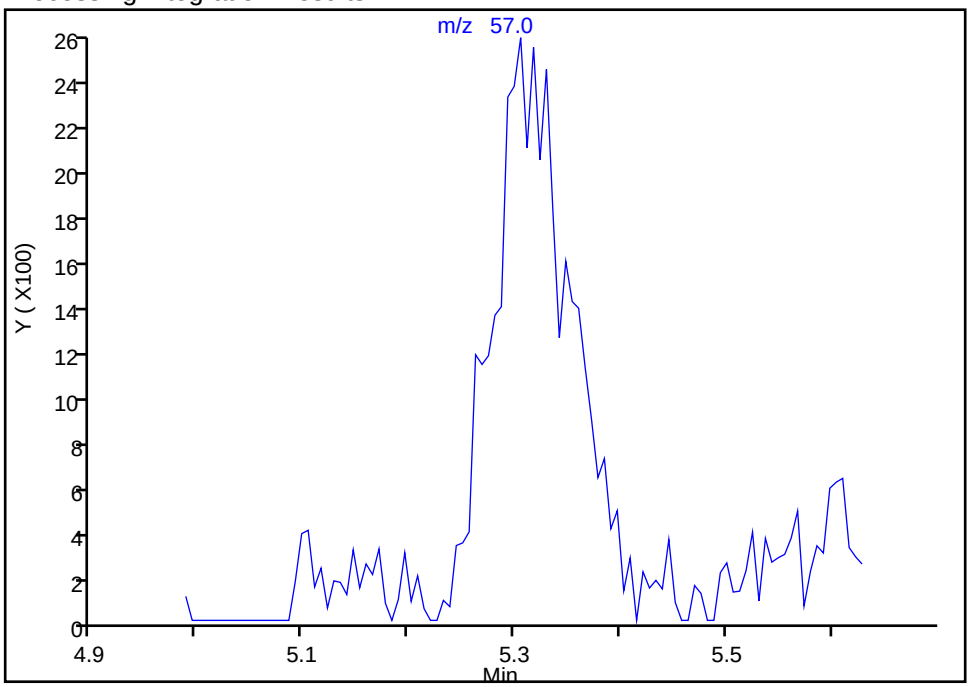
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 Epichlorohydrin, CAS: 106-89-8

Signal: 1

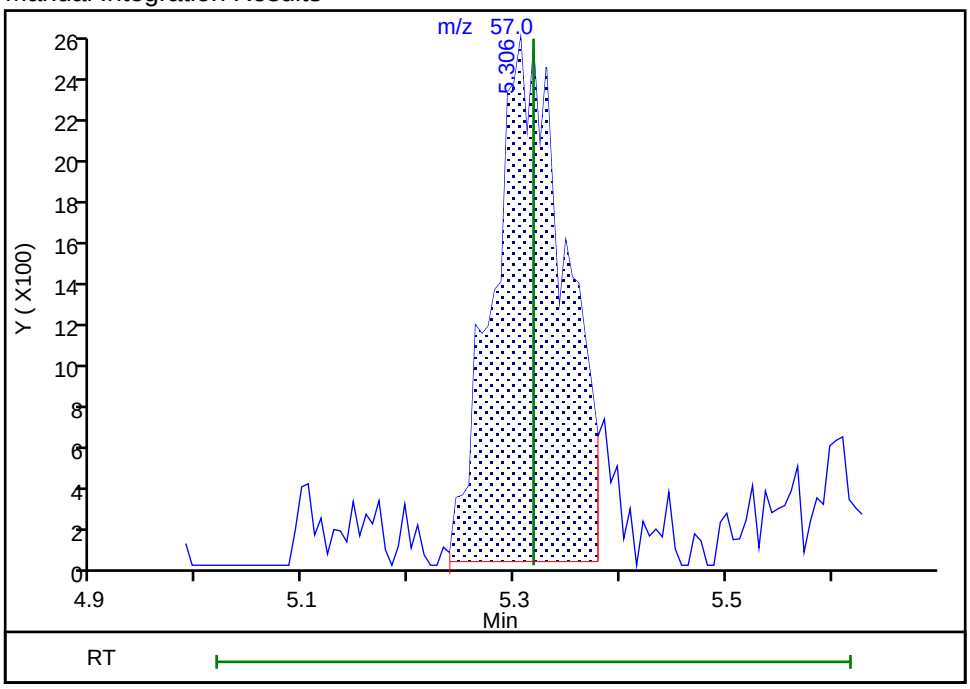
Not Detected
Expected RT: 5.32

Processing Integration Results



Manual Integration Results

RT: 5.31
Area: 12272
Amount: 25.719742
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:10:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

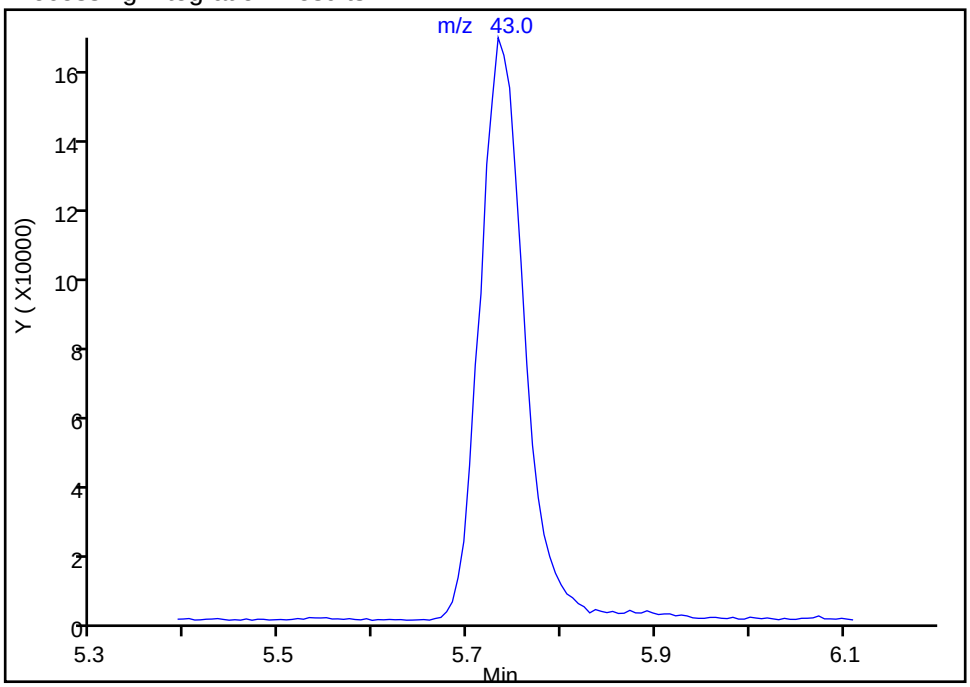
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

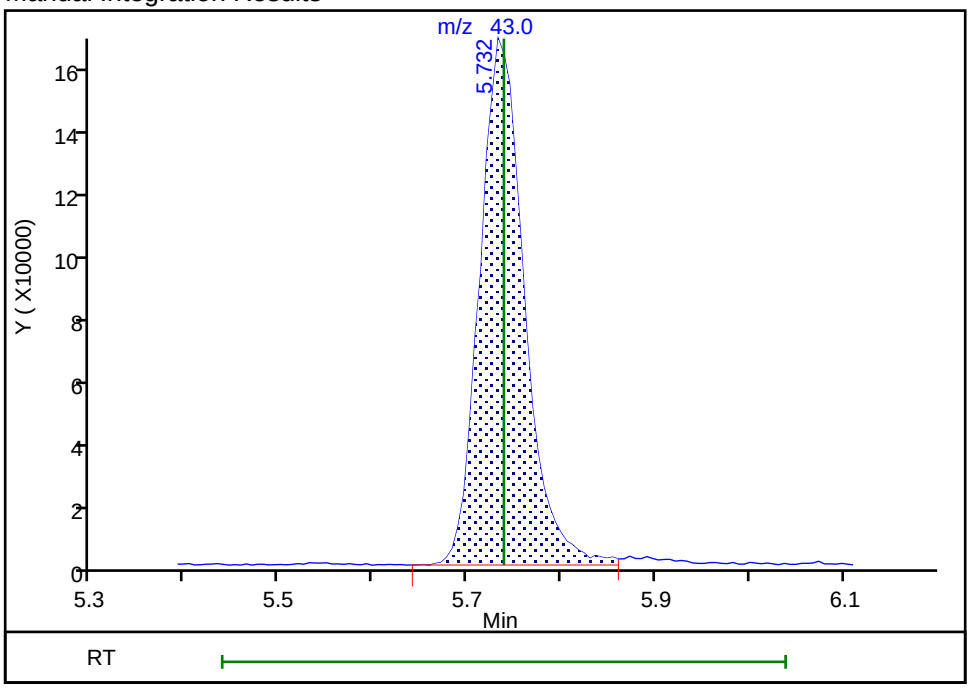
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 531485
Amount: 83.432247
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:10:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

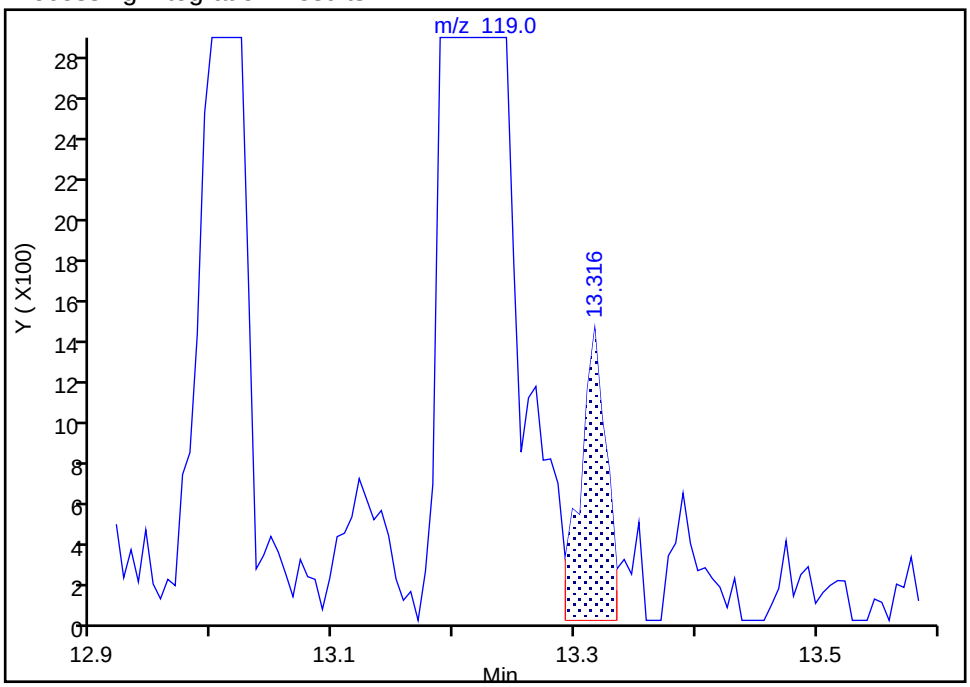
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62325-ICV.d
Injection Date: 18-Aug-2020 14:39:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 1014
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

118 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

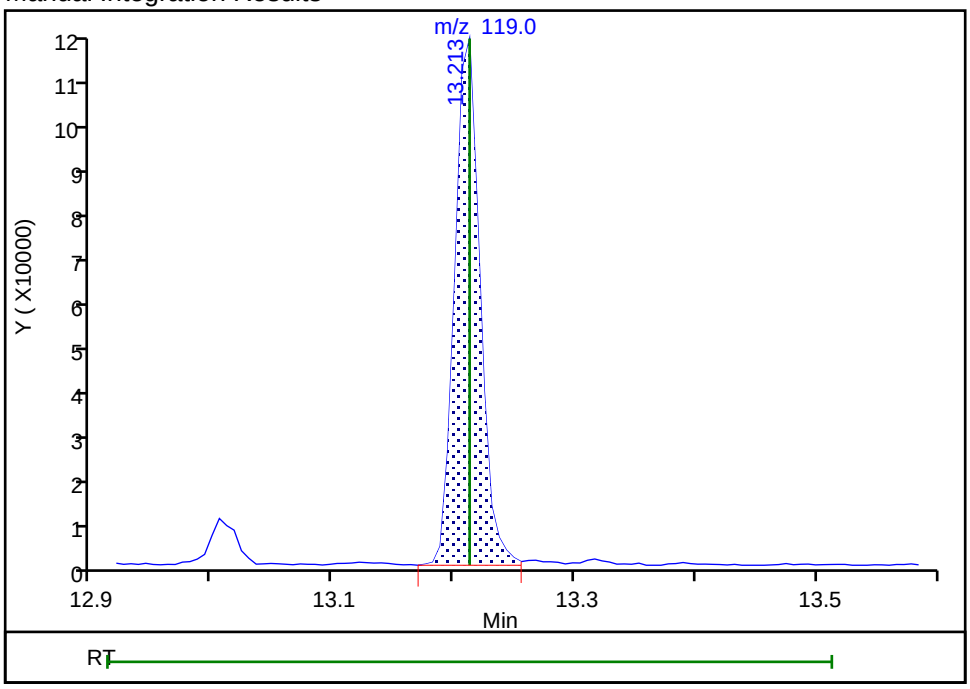
Processing Integration Results

RT: 13.32
Area: 2124
Amount: 0.190156
Amount Units: ug/l



Manual Integration Results

RT: 13.21
Area: 172589
Amount: 15.451419
Amount Units: ug/l



Reviewer: delpolitov, 19-Aug-2020 12:10:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720347/3 Calibration Date: 08/28/2020 17:12

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B628603.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.4482	0.5923		26.4	20.0	32.1*	20.0
Dichlorodifluoromethane	Ave	0.6826	0.6358	0.1000	18.6	20.0	-6.9	20.0
Chloromethane	Ave	1.170	1.034	0.1000	17.7	20.0	-11.6	20.0
Butadiene	Ave	0.7779	0.6922		17.8	20.0	-11.0	20.0
Vinyl chloride	Ave	0.7879	0.7267	0.1000	18.4	20.0	-7.8	20.0
Bromomethane	Ave	0.5159	0.4477	0.1000	17.4	20.0	-13.2	50.0
Chloroethane	Ave	0.4334	0.3782	0.1000	17.5	20.0	-12.7	50.0
Dichlorofluoromethane	Ave	1.065	0.9141		17.2	20.0	-14.2	20.0
Trichlorofluoromethane	Ave	0.7637	0.6554	0.1000	17.2	20.0	-14.2	20.0
Pentane	Ave	0.1012	0.0923		36.5	40.0	-8.7	20.0
Ethanol	Ave	0.0744	0.0724		779	800	-2.7	50.0
Ethyl ether	Ave	0.4318	0.3869		17.9	20.0	-10.4	20.0
2-Methyl-1,3-butadiene	Ave	0.5827	0.5302		18.2	20.0	-9.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4211	0.3878		18.4	20.0	-7.9	20.0
Acrolein	Ave	1.676	1.586		284	300	-5.4	50.0
1,1-Dichloroethene	Ave	0.4364	0.4263	0.1000	19.5	20.0	-2.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4743	0.4641	0.1000	19.6	20.0	-2.1	20.0
Acetone	Ave	1.196	1.093	0.0500	91.4	100	-8.6	50.0
Iodomethane	Ave	0.7147	0.7365		20.6	20.0	3.1	20.0
Carbon disulfide	Ave	1.601	1.601	0.1000	20.0	20.0	0.0	50.0
Isopropyl alcohol	Ave	1.108	1.374		248	200	24.0	50.0
Allyl chloride	Ave	0.7744	0.7016		18.1	20.0	-9.4	20.0
Methyl acetate	QuaF		0.3301	0.1000	43.2	40.0	7.9	20.0
Acetonitrile	Ave	0.999	1.075		215	200	7.5	20.0
Methylene Chloride	Ave	0.4613	0.4950	0.1000	21.5	20.0	7.3	20.0
2-Methyl-2-propanol	Ave	1.650	1.669		202	200	1.1	50.0
Acrylonitrile	Ave	4.452	4.514		203	200	1.4	20.0
trans-1,2-Dichloroethene	Ave	0.4172	0.4663	0.1000	22.4	20.0	11.8	20.0
Methyl tert-butyl ether	Ave	1.127	1.177	0.1000	20.9	20.0	4.5	20.0
Hexane	Ave	0.7905	0.8049		20.4	20.0	1.8	20.0
1,1-Dichloroethane	Ave	0.8600	0.8554	0.2000	19.9	20.0	-0.5	20.0
2-Chloro-1,3-butadiene	Ave	0.3715	0.4251		22.9	20.0	14.4	20.0
Vinyl acetate	Ave	0.4948	0.5227		42.3	40.0	5.6	20.0
Isopropyl ether	Ave	1.768	1.834		20.7	20.0	3.7	20.0
Tert-butyl ethyl ether	Ave	0.4452	0.5182		23.3	20.0	16.4	20.0
2,2-Dichloropropane	Ave	0.1879	0.2222		23.6	20.0	18.2	20.0
cis-1,2-Dichloroethene	Ave	0.4339	0.4861	0.1000	22.4	20.0	12.0	20.0
2-Butanone (MEK)	Ave	0.3326	0.3661	0.0500	110	100	10.1	50.0
Propionitrile	Ave	0.4284	0.4780		223	200	11.6	20.0
Ethyl acetate	Ave	0.2468	0.2796		45.3	40.0	13.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720347/3 Calibration Date: 08/28/2020 17:12

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B628603.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1969	0.2077		21.1	20.0	5.5	20.0
Methacrylonitrile	Ave	0.1466	0.1631		222	200	11.2	20.0
Tetrahydrofuran	QuaF		0.3589		45.5	40.0	13.7	20.0
Chloroform	Ave	0.6859	0.7598	0.2000	22.2	20.0	10.8	20.0
1,1,1-Trichloroethane	Ave	0.5760	0.6241	0.1000	21.7	20.0	8.4	20.0
Cyclohexane	Ave	0.6374	0.7253	0.1000	22.8	20.0	13.8	50.0
Carbon tetrachloride	Ave	0.4586	0.4823	0.1000	21.0	20.0	5.2	20.0
1,1-Dichloropropene	Ave	0.5646	0.6256		22.2	20.0	10.8	20.0
Benzene	Ave	2.319	2.550	0.5000	22.0	20.0	10.0	20.0
1,2-Dichloroethane	Ave	0.5164	0.5372	0.1000	20.8	20.0	4.0	20.0
Isobutyl alcohol	Ave	0.3673	0.3899		531	500	6.1	50.0
Tert-amyl methyl ether	Ave	1.353	1.515		22.4	20.0	11.9	20.0
n-Heptane	Ave	0.8571	1.018		23.8	20.0	18.8	20.0
Trichloroethene	Ave	0.3809	0.4105	0.2000	21.6	20.0	7.8	20.0
n-Butanol	QuaF		0.1034		381	500	-23.9	50.0
Methylcyclohexane	Ave	0.7695	0.8598	0.1000	22.3	20.0	11.7	50.0
Ethyl acrylate	Ave	1.161	1.286		22.2	20.0	10.8	20.0
1,2-Dichloropropane	Ave	0.4527	0.4913	0.1000	21.7	20.0	8.5	20.0
Dibromomethane	Ave	0.2134	0.2226		20.9	20.0	4.3	20.0
1,4-Dioxane	Ave	1.504	1.927		513	400	28.1	50.0
Methyl methacrylate	Ave	0.0723	0.0796		44.1	40.0	10.1	20.0
Dichlorobromomethane	Ave	0.4757	0.4709	0.2000	19.8	20.0	-1.0	20.0
2-Nitropropane	Ave	0.0878	0.0819		37.3	40.0	-6.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1316	0.1389		21.2	20.0	5.6	20.0
Epichlorohydrin	Ave	0.2682	0.2773		414	400	3.4	20.0
cis-1,3-Dichloropropene	Ave	0.8104	0.7847	0.2000	19.4	20.0	-3.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.581	3.730	0.0500	104	100	4.2	50.0
Toluene	Ave	2.227	2.390	0.4000	21.5	20.0	7.3	20.0
trans-1,3-Dichloropropene	Ave	0.6553	0.6099	0.1000	18.6	20.0	-6.9	50.0
1,1,2-Trichloroethane	Ave	0.3591	0.3595	0.1000	20.0	20.0	0.1	20.0
Tetrachloroethene	Ave	0.4938	0.5313	0.2000	21.5	20.0	7.6	20.0
1,3-Dichloropropane	Ave	0.7158	0.7399		20.7	20.0	3.4	20.0
2-Hexanone	Ave	2.111	2.265	0.0500	107	100	7.3	50.0
Chlorodibromomethane	Ave	0.3883	0.3683	0.1000	19.0	20.0	-5.1	50.0
Ethylene Dibromide	Ave	0.3624	0.3569	0.1000	19.7	20.0	-1.5	20.0
Chlorobenzene	Ave	1.277	1.389	0.5000	21.8	20.0	8.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4656	0.4619		19.8	20.0	-0.8	20.0
Ethylbenzene	Ave	0.7415	0.8152	0.1000	22.0	20.0	9.9	20.0
m-Xylene & p-Xylene	Ave	0.9108	0.9878	0.1000	21.7	20.0	8.5	20.0
o-Xylene	Ave	0.9366	0.999	0.3000	21.3	20.0	6.6	20.0
Styrene	Ave	1.397	1.513	0.3000	21.7	20.0	8.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720347/3 Calibration Date: 08/28/2020 17:12

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B628603.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acrylate	Ave	0.3274	0.3665		22.4	20.0	11.9	20.0
Bromoform	Ave	0.2244	0.2170	0.1000	19.3	20.0	-3.3	20.0
Amyl acetate (mixed isomers)	Ave	1.851	1.935		20.9	20.0	4.6	20.0
Isopropylbenzene	Ave	2.447	2.636	0.1000	21.5	20.0	7.7	20.0
Bromobenzene	Ave	0.9802	0.9947		20.3	20.0	1.5	20.0
1,2,3-Trichloropropane	Ave	0.2781	0.2784		20.0	20.0	0.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.125	1.104	0.3000	19.6	20.0	-1.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3196	0.3260		20.4	20.0	2.0	20.0
N-Propylbenzene	Ave	1.184	1.261		21.3	20.0	6.5	20.0
2-Chlorotoluene	Ave	1.015	1.078		21.2	20.0	6.2	20.0
4-Ethyltoluene	Ave	4.214	4.617		21.9	20.0	9.6	20.0
4-Chlorotoluene	Ave	3.594	3.858		21.5	20.0	7.4	20.0
1,3,5-Trimethylbenzene	Ave	3.788	3.874		20.4	20.0	2.2	20.0
tert-Butylbenzene	Ave	3.019	2.927		19.4	20.0	-3.1	20.0
1,2,4-Trimethylbenzene	Ave	3.841	4.086		21.3	20.0	6.4	20.0
sec-Butylbenzene	Ave	4.899	5.182		21.2	20.0	5.8	20.0
1,3-Dichlorobenzene	Ave	1.903	2.018	0.6000	21.2	20.0	6.1	20.0
1,4-Dichlorobenzene	Ave	1.923	2.032	0.5000	21.1	20.0	5.6	20.0
4-Isopropyltoluene	Ave	4.055	4.132		20.4	20.0	1.9	20.0
1,2,3-Trimethylbenzene	Ave	3.964	4.140		20.9	20.0	4.4	20.0
Benzyl chloride	Ave	0.3049	0.3115		20.4	20.0	2.2	50.0
Indan	Ave	1.446	1.665		23.0	20.0	15.1	20.0
1,2-Dichlorobenzene	Ave	2.026	2.042	0.4000	20.2	20.0	0.8	20.0
p-Diethylbenzene	Ave	2.113	2.331		22.1	20.0	10.3	20.0
n-Butylbenzene	Ave	2.429	2.458		20.2	20.0	1.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1951	0.1862	0.0500	19.1	20.0	-4.6	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.910	4.085		20.9	20.0	4.5	20.0
1,3,5-Trichlorobenzene	Ave	1.638	1.685		20.6	20.0	2.9	20.0
1,2,4-Trichlorobenzene	Ave	1.400	1.493	0.2000	21.3	20.0	6.6	20.0
Hexachlorobutadiene	Ave	0.8045	0.7569		18.8	20.0	-5.9	20.0
Naphthalene	Ave	3.277	3.516		21.5	20.0	7.3	50.0
1,2,3-Trichlorobenzene	Ave	1.395	1.450		20.8	20.0	3.9	20.0
Dibromofluoromethane (Surr)	Ave	0.3300	0.3332		50.5	50.0	1.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3994	0.3841		48.1	50.0	-3.8	20.0
Toluene-d8 (Surr)	Ave	1.862	1.798		48.3	50.0	-3.4	20.0
4-Bromofluorobenzene	Ave	0.8998	0.8990		50.0	50.0	-0.0	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Aug-2020 17:12:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0115927-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 12:36:42 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 28-Aug-2020 17:43:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.660	0.660	0.000	51	12790	20.0	26.9	a
2 1,1-Difluoroethane	51	0.685	0.685	0.000	93	151399	20.0	26.4	
3 Dichlorodifluoromethane	85	0.721	0.721	0.000	68	162517	20.0	18.6	
4 Chlorodifluoromethane	51	0.727	0.727	0.000	95	198444	20.0	20.4	
5 Chloromethane	50	0.795	0.795	0.000	100	264392	20.0	17.7	
6 Butadiene	54	0.837	0.837	0.000	96	176936	20.0	17.8	
7 Vinyl chloride	62	0.843	0.843	0.000	98	185753	20.0	18.4	
8 Bromomethane	94	0.984	0.984	0.000	99	114435	20.0	17.4	
9 Chloroethane	64	1.014	1.014	0.000	99	96678	20.0	17.5	
10 Dichlorofluoromethane	67	1.130	1.130	0.000	99	233670	20.0	17.2	
11 Trichlorofluoromethane	101	1.154	1.154	0.000	95	167538	20.0	17.2	
12 Pentane	72	1.166	1.166	0.000	98	47205	40.0	36.5	
14 Ethanol	46	1.270	1.270	0.000	77	27764	800.0	778.6	
13 Ethyl ether	59	1.276	1.276	0.000	92	98913	20.0	17.9	
15 2-Methyl-1,3-butadiene	53	1.288	1.288	0.000	96	135528	20.0	18.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.307	1.307	0.000	89	99141	20.0	18.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.337	1.337	0.000	70	177701	20.0	18.3	a
18 Acrolein	56	1.349	1.349	0.000	95	228006	300.0	283.9	
19 1,1-Dichloroethene	96	1.398	1.398	0.000	96	108969	20.0	19.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.429	1.429	0.000	71	118650	20.0	19.6	
21 Acetone	43	1.441	1.441	0.000	86	185944	100.0	91.4	
22 Iodomethane	142	1.477	1.477	0.000	96	188268	20.0	20.6	
23 Carbon disulfide	76	1.514	1.514	0.000	100	409294	20.0	20.0	
24 Isopropyl alcohol	45	1.563	1.563	0.000	96	131706	200.0	248.0	a
25 3-Chloro-1-propene	39	1.605	1.605	0.000	93	179361	20.0	18.1	
26 Methyl acetate	43	1.636	1.636	0.000	99	168747	40.0	43.2	
27 Acetonitrile	39	1.648	1.648	0.000	70	103023	200.0	215.1	a
28 Methylene Chloride	84	1.685	1.685	0.000	98	126544	20.0	21.5	
* 29 TBA-d9 (IS)	65	1.758	1.758	0.000	0	479342	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.819	1.819	0.000	91	160013	200.0	202.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.843	1.843	0.000	98	432710	200.0	202.8	
32 trans-1,2-Dichloroethene	96	1.855	1.855	0.000	98	119211	20.0	22.4	
33 Methyl tert-butyl ether	73	1.874	1.874	0.000	98	300804	20.0	20.9	
34 Hexane	57	2.056	2.056	0.000	94	205749	20.0	20.4	
35 1,1-Dichloroethane	63	2.148	2.148	0.000	99	218658	20.0	19.9	
36 2-Chloro-1,3-butadiene	88	2.215	2.215	0.000	66	108677	20.0	22.9	
37 Vinyl acetate	86	2.215	2.215	0.000	100	35554	40.0	42.3	
38 Isopropyl ether	45	2.233	2.233	0.000	91	468844	20.0	20.7	
39 Tert-butyl ethyl ether	87	2.514	2.514	0.000	88	132473	20.0	23.3	
* 40 2-Butanone-d5	46	2.593	2.593	0.000	0	425125	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.605	2.605	0.000	90	124267	20.0	22.4	
42 2,2-Dichloropropane	79	2.605	2.605	0.000	64	56791	20.0	23.6	
43 2-Butanone (MEK)	72	2.648	2.648	0.000	100	62254	100.0	110.1	
44 Propionitrile	54	2.684	2.684	0.000	95	162570	200.0	223.2	
45 Ethyl acetate	70	2.721	2.721	0.000	99	19020	40.0	45.3	Ma
46 Chlorobromomethane	128	2.800	2.800	0.000	94	53087	20.0	21.1	
47 Methacrylonitrile	67	2.812	2.812	0.000	95	416949	200.0	222.5	
48 Tetrahydrofuran	72	2.861	2.861	0.000	89	24411	40.0	45.5	M
49 Chloroform	83	2.898	2.898	0.000	98	194226	20.0	22.2	
50 1,1,1-Trichloroethane	97	3.044	3.044	0.000	81	159547	20.0	21.7	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.044	0.000	97	212910	50.0	50.5	
52 Cyclohexane	84	3.099	3.099	0.000	96	185416	20.0	22.8	
53 Carbon tetrachloride	117	3.196	3.196	0.000	75	123283	20.0	21.0	
54 1,1-Dichloropropene	75	3.203	3.203	0.000	93	159925	20.0	22.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	245476	50.0	48.1	
56 Benzene	78	3.404	3.404	0.000	94	482062	20.0	22.0	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	96	137317	20.0	20.8	
58 Isobutyl alcohol	42	3.489	3.489	0.000	32	93441	500.0	530.7	a
59 Tert-amyl methyl ether	73	3.574	3.574	0.000	95	387159	20.0	22.4	
* 60 Fluorobenzene	96	3.715	3.715	0.000	99	639073	50.0	50.0	
61 n-Heptane	43	3.763	3.763	0.000	98	260272	20.0	23.8	
62 Trichloroethene	95	4.141	4.141	0.000	96	104942	20.0	21.6	
63 n-Butanol	43	4.263	4.263	0.000	1	24778	500.0	380.7	Ma
64 Methylcyclohexane	83	4.355	4.355	0.000	87	219799	20.0	22.3	
65 Ethyl acrylate	55	4.361	4.361	0.000	93	328791	20.0	22.2	
66 1,2-Dichloropropane	63	4.397	4.397	0.000	93	125595	20.0	21.7	
67 Dibromomethane	93	4.544	4.544	0.000	35	56909	20.0	20.9	
* 68 1,4-Dioxane-d8	96	4.580	4.580	0.000	0	34640	1000.0	1000.0	
69 1,4-Dioxane	88	4.647	4.647	0.000	26	26706	400.0	512.5	Ma
70 Methyl methacrylate	100	4.660	4.660	0.000	92	40686	40.0	44.1	
71 Dichlorobromomethane	83	4.788	4.788	0.000	98	120366	20.0	19.8	
72 2-Nitropropane	41	5.111	5.111	0.000	97	41885	40.0	37.3	
73 2-Chloroethyl vinyl ether	63	5.294	5.294	0.000	90	35600	20.0	21.2	
74 Epichlorohydrin	57	5.318	5.318	0.000	99	188639	400.0	413.6	
75 cis-1,3-Dichloropropene	75	5.428	5.428	0.000	98	148320	20.0	19.4	
76 4-Methyl-2-pentanone (MIBK)	43	5.739	5.739	0.000	97	634231	100.0	104.2	a
$ 77 Toluene-d8 (Surr)	98	5.800	5.800	0.000	97	849730	50.0	48.3	
78 Toluene	91	5.897	5.897	0.000	93	451700	20.0	21.5	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	97	115288	20.0	18.6	
80 1,1,2-Trichloroethane	83	6.604	6.604	0.000	94	67961	20.0	20.0	
81 Tetrachloroethene	166	6.763	6.763	0.000	96	100432	20.0	21.5	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	98	139865	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.147	7.147	0.000	99	385209	100.0	107.3	
84 Chlorodibromomethane	129	7.226	7.226	0.000	96	69623	20.0	19.0	
85 Ethylene Dibromide	107	7.342	7.342	0.000	98	67467	20.0	19.7	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	89	472564	50.0	50.0	
87 Chlorobenzene	112	8.299	8.299	0.000	92	262537	20.0	21.8	
88 1,1,1,2-Tetrachloroethane	131	8.519	8.519	0.000	94	87312	20.0	19.8	
89 Ethylbenzene	106	8.604	8.604	0.000	99	154100	20.0	22.0	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	186719	20.0	21.7	
92 o-Xylene	106	9.555	9.555	0.000	92	188804	20.0	21.3	
93 Styrene	104	9.598	9.598	0.000	95	286079	20.0	21.7	
91 n-Butyl acrylate	73	9.768	9.768	0.000	0	69269	20.0	22.4	
94 Bromoform	173	9.848	9.848	0.000	93	41025	20.0	19.3	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	88	207194	20.0	20.9	
96 Isopropylbenzene	105	10.280	10.280	0.000	97	498243	20.0	21.5	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	87	240630	50.0	50.0	
98 Bromobenzene	156	10.671	10.671	0.000	97	106494	20.0	20.3	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	96	29809	20.0	20.0	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	98	118199	20.0	19.6	
101 trans-1,4-Dichloro-2-butene	53	10.988	10.988	0.000	80	34904	20.0	20.4	
102 N-Propylbenzene	120	11.012	11.012	0.000	99	135006	20.0	21.3	
103 2-Chlorotoluene	126	11.067	11.067	0.000	98	115403	20.0	21.2	
104 4-Ethyltoluene	105	11.232	11.232	0.000	98	494277	20.0	21.9	
105 4-Chlorotoluene	91	11.274	11.274	0.000	98	413063	20.0	21.5	
106 1,3,5-Trimethylbenzene	105	11.360	11.360	0.000	93	414714	20.0	20.4	
107 tert-Butylbenzene	119	11.908	11.908	0.000	92	313330	20.0	19.4	
108 1,2,4-Trimethylbenzene	105	12.006	12.006	0.000	98	437447	20.0	21.3	
109 sec-Butylbenzene	105	12.347	12.347	0.000	99	554747	20.0	21.2	
110 1,3-Dichlorobenzene	146	12.439	12.439	0.000	94	216081	20.0	21.2	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	267653	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	95	217504	20.0	21.1	
113 4-Isopropyltoluene	119	12.695	12.695	0.000	97	442334	20.0	20.4	
114 1,2,3-Trimethylbenzene	105	12.786	12.786	0.000	99	443204	20.0	20.9	
115 Benzyl chloride	126	12.896	12.896	0.000	97	33347	20.0	20.4	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	425555	20.0	23.0	
117 1,2-Dichlorobenzene	146	13.134	13.134	0.000	94	218667	20.0	20.2	
118 p-Diethylbenzene	119	13.213	13.213	0.000	90	249580	20.0	22.1	
119 n-Butylbenzene	92	13.231	13.231	0.000	97	263204	20.0	20.2	
120 1,2-Dibromo-3-Chloropropane	157	13.883	13.883	0.000	89	19932	20.0	19.1	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	97	437354	20.0	20.9	
122 1,3,5-Trichlorobenzene	180	14.048	14.048	0.000	95	180432	20.0	20.6	
123 1,2,4-Trichlorobenzene	180	14.487	14.487	0.000	93	159841	20.0	21.3	
124 Hexachlorobutadiene	225	14.621	14.621	0.000	96	81039	20.0	18.8	
125 Naphthalene	128	14.633	14.633	0.000	99	376471	20.0	21.5	
126 1,2,3-Trichlorobenzene	180	14.792	14.792	0.000	95	155206	20.0	20.8	
S 127 1,2-Dichloroethene, Total	100				0		40.0	44.8	
S 128 1,3-Dichloropropene, Total	100				0		40.0	38.0	
S 129 Xylenes, Total	100				0		40.0	43.0	
S 130 Total BTEX	1				0		100.0	108.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 12:36:46 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D

Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2 Operator ID:

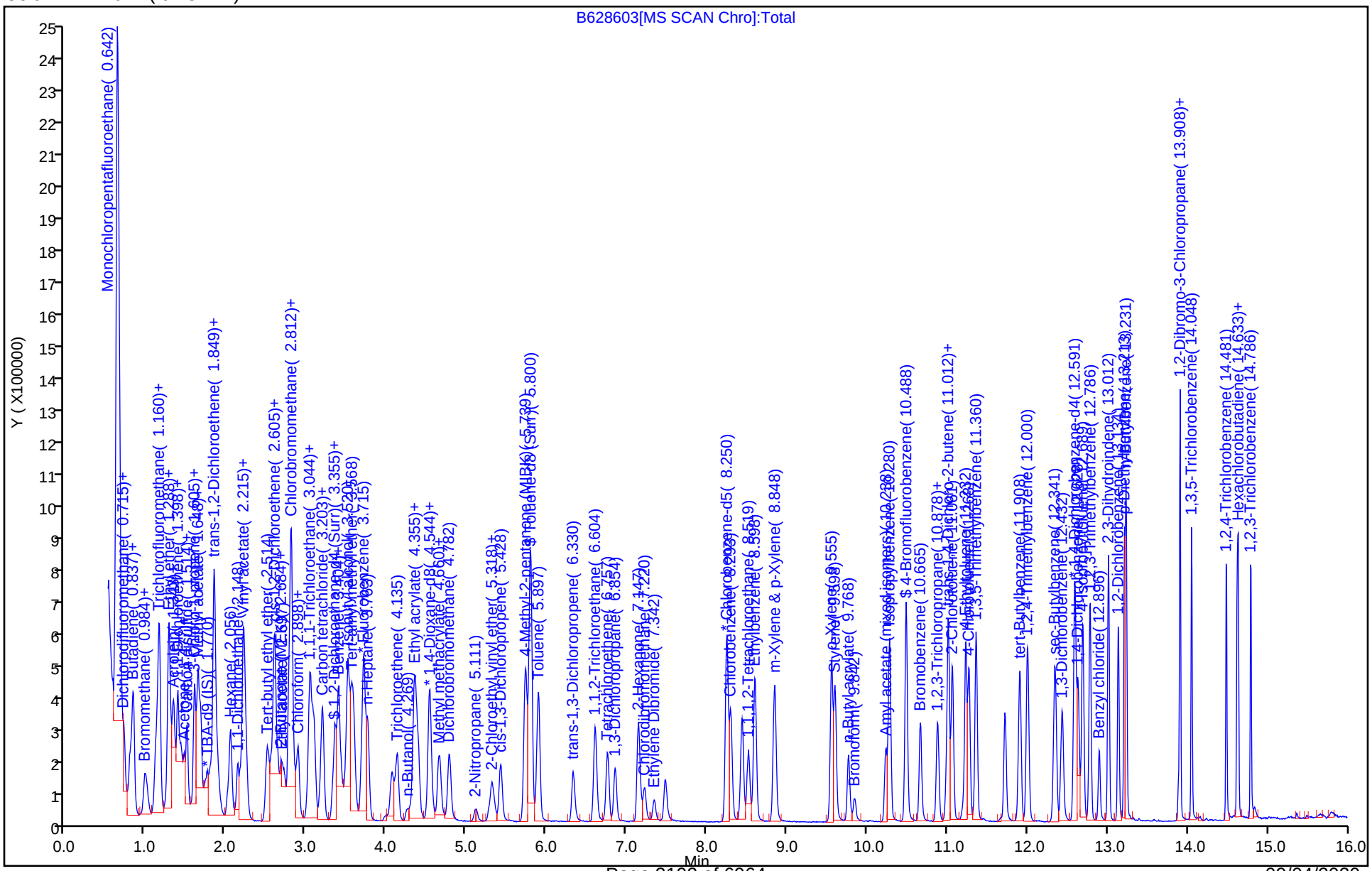
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

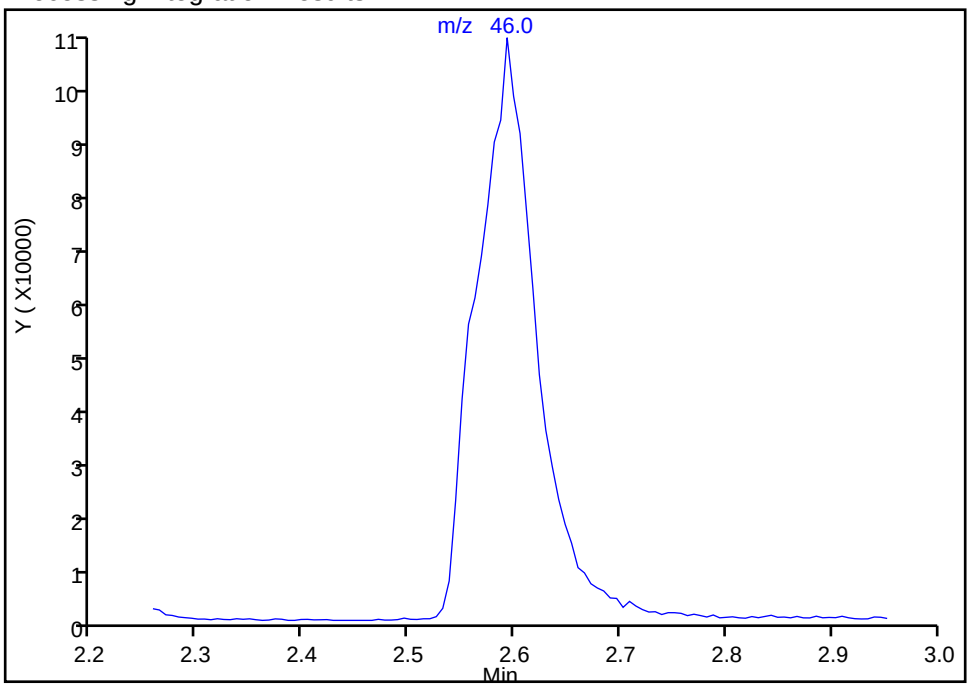
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

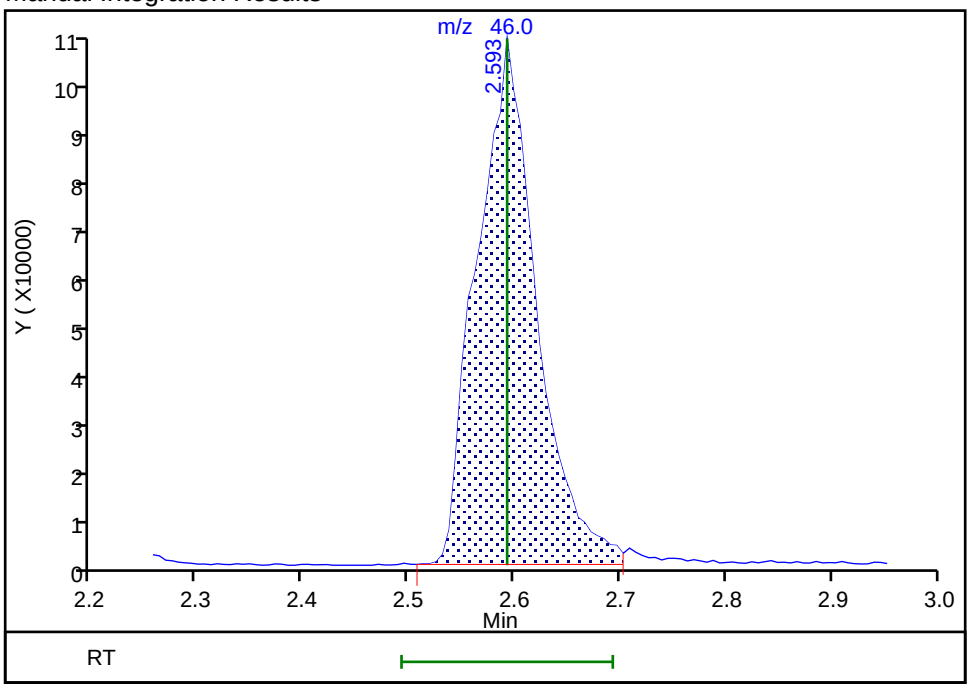
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 425125
Amount: 250.0000
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 17:37:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

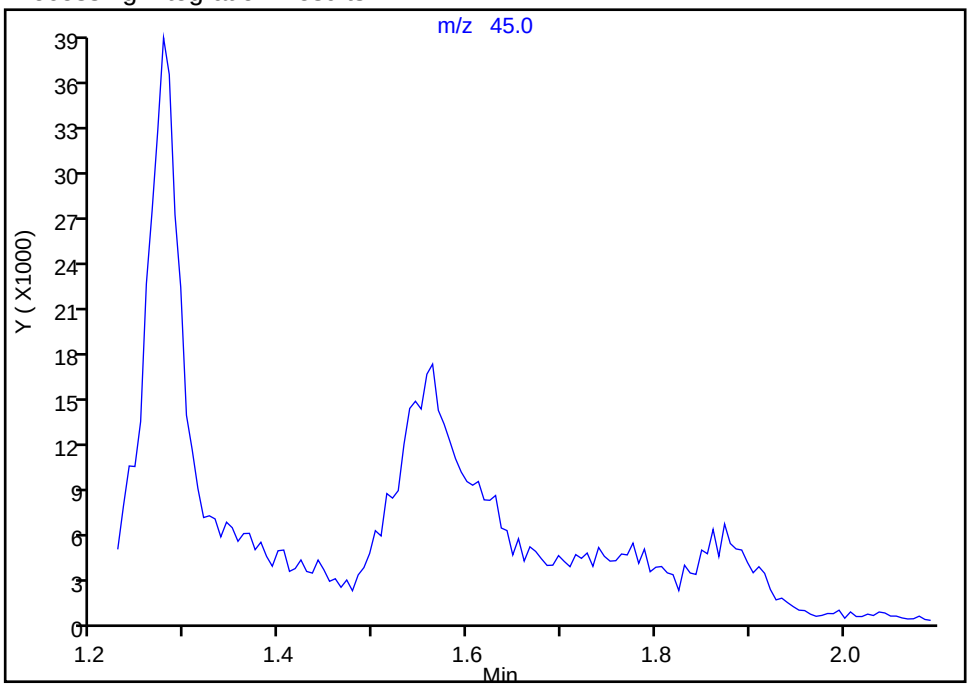
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

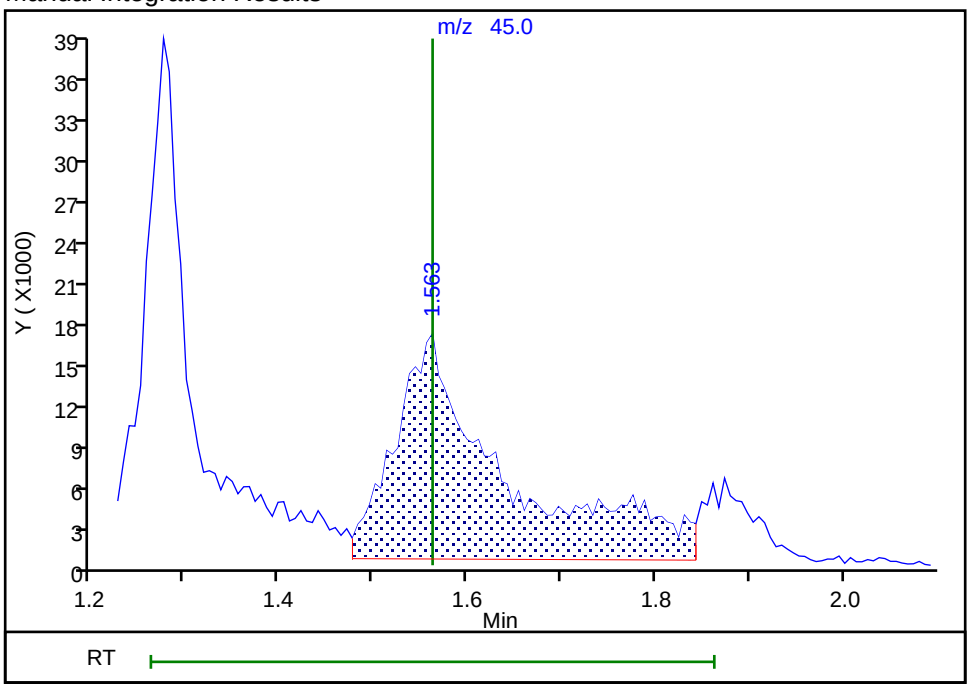
Not Detected
Expected RT: 1.56

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 131706
Amount: 248.0068
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 17:38:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

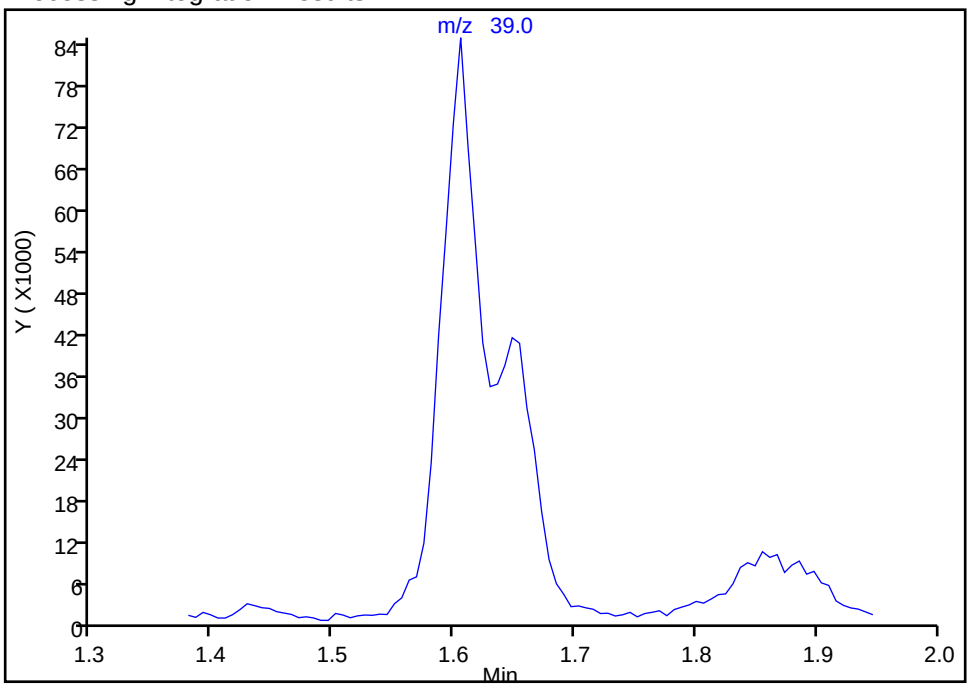
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

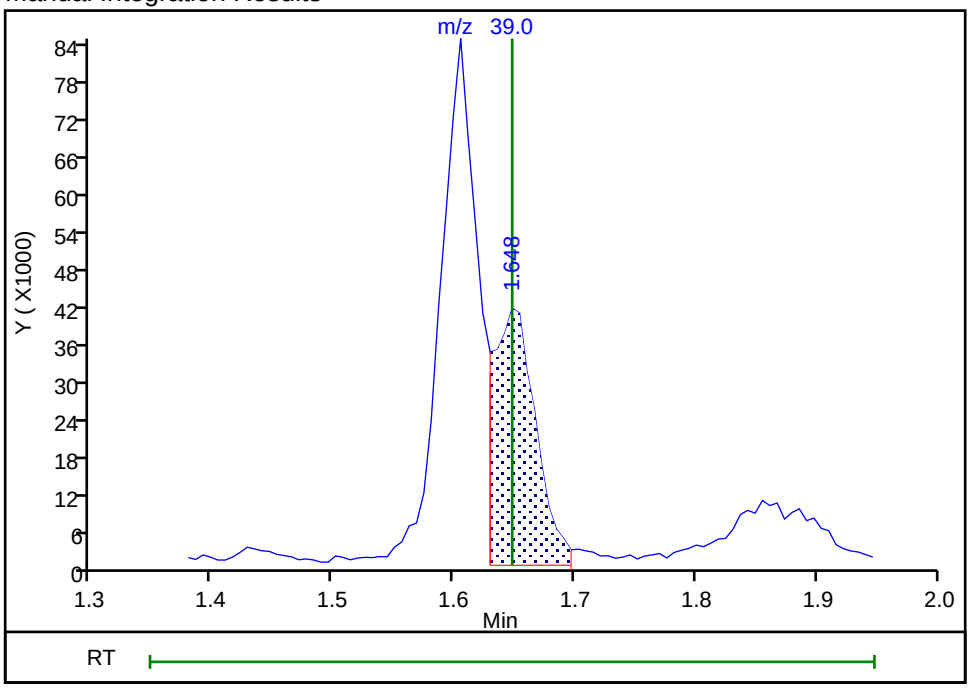
Not Detected
Expected RT: 1.65

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 103023
Amount: 215.0602
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 17:38:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

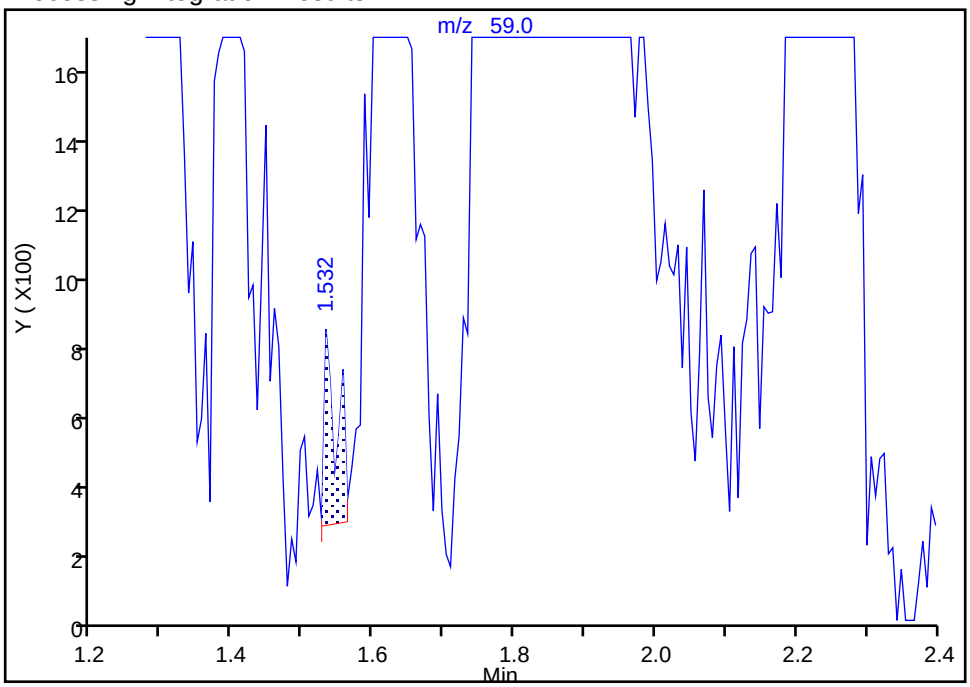
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

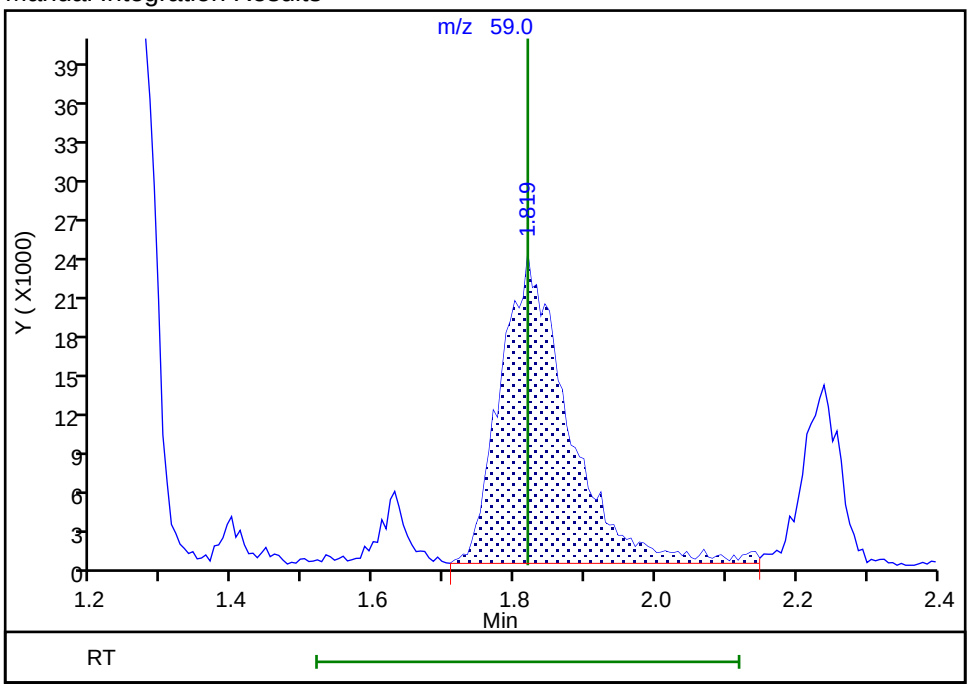
Processing Integration Results

RT: 1.53
Area: 665
Amount: 0.840584
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 160013
Amount: 202.2622
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 17:38:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

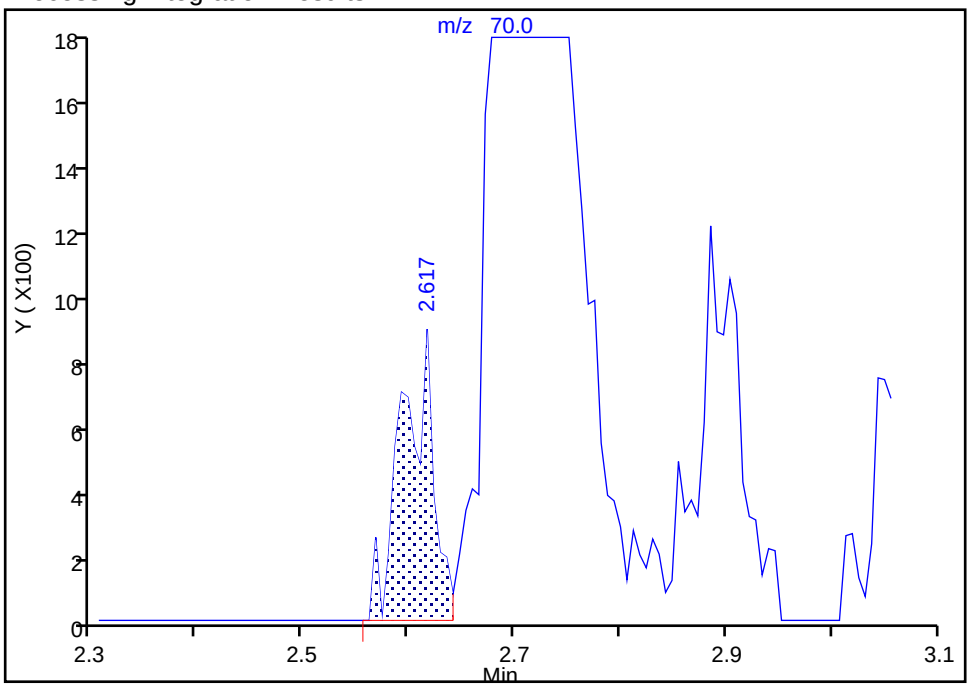
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

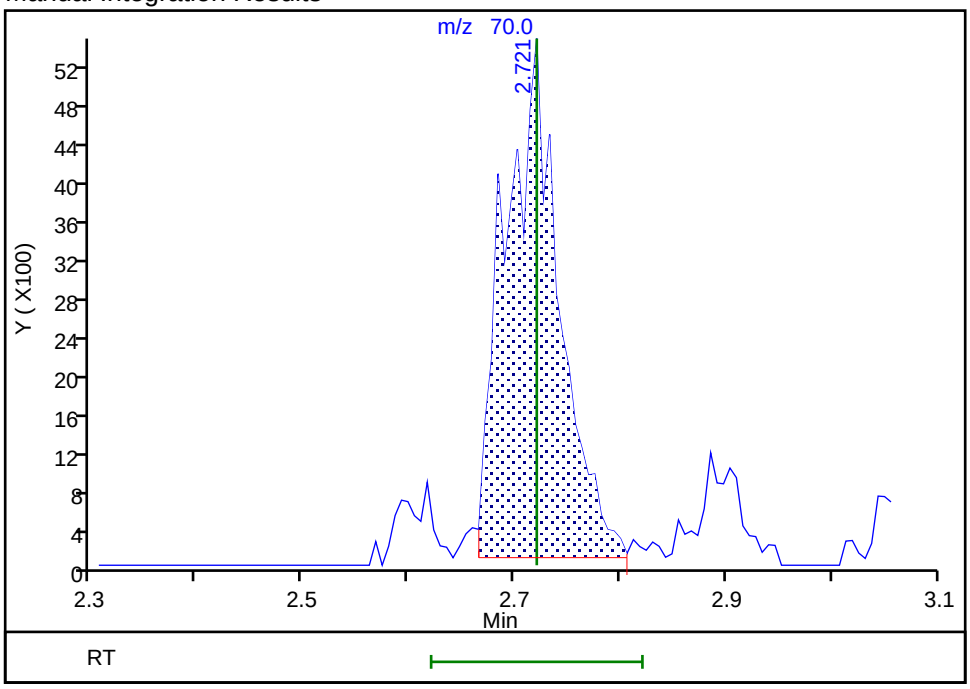
Processing Integration Results

RT: 2.62
Area: 1795
Amount: 4.277094
Amount Units: ug/l



Manual Integration Results

RT: 2.72
Area: 19020
Amount: 45.320521
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 12:35:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

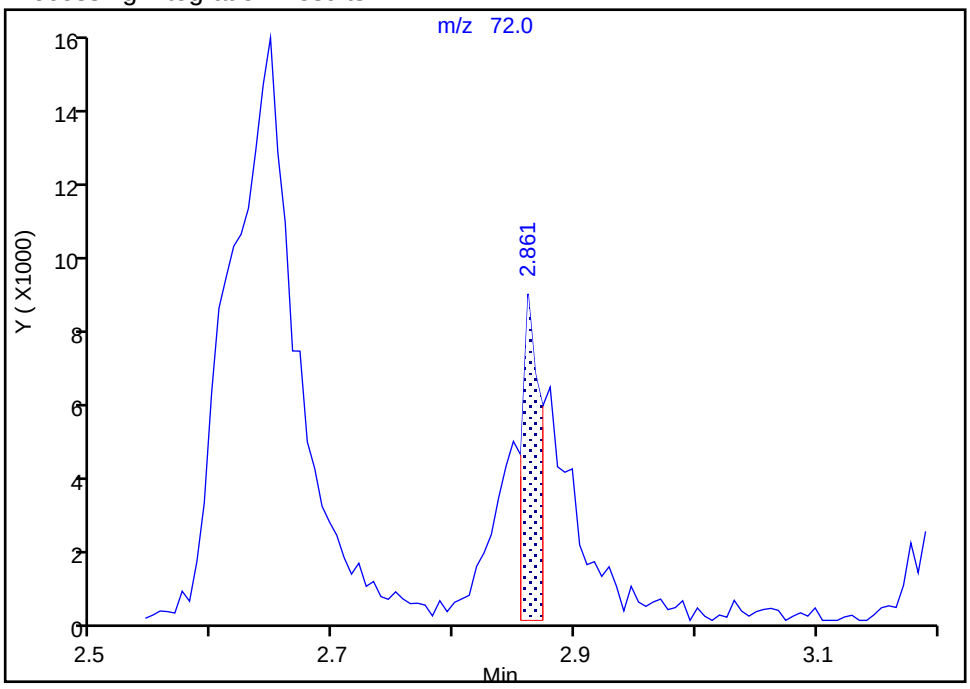
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

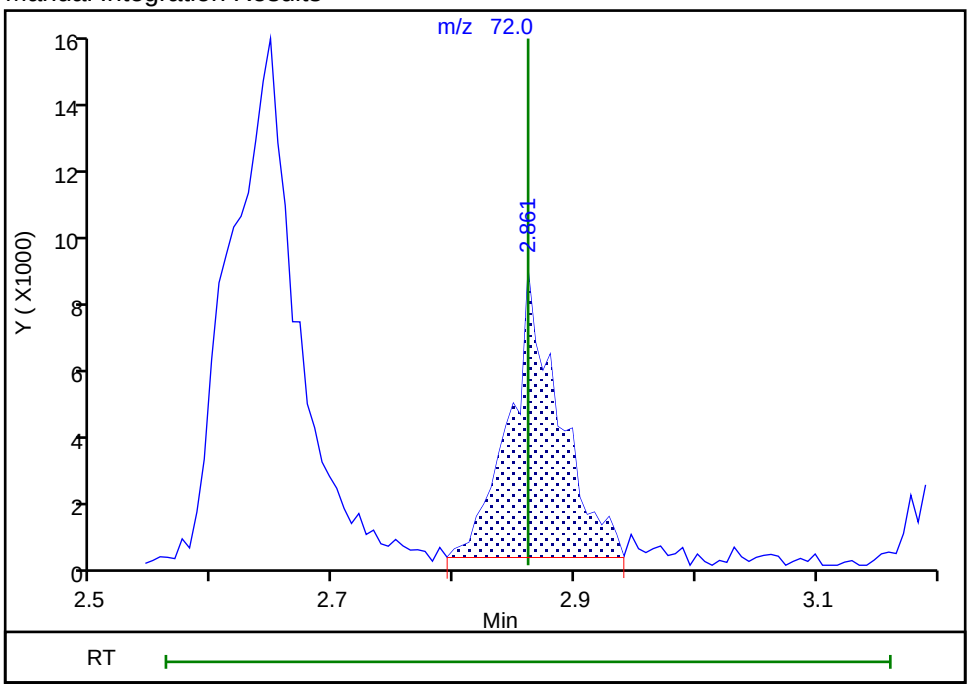
Processing Integration Results

RT: 2.86
Area: 9326
Amount: 17.490209
Amount Units: ug/l



Manual Integration Results

RT: 2.86
Area: 24411
Amount: 45.492253
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 12:35:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

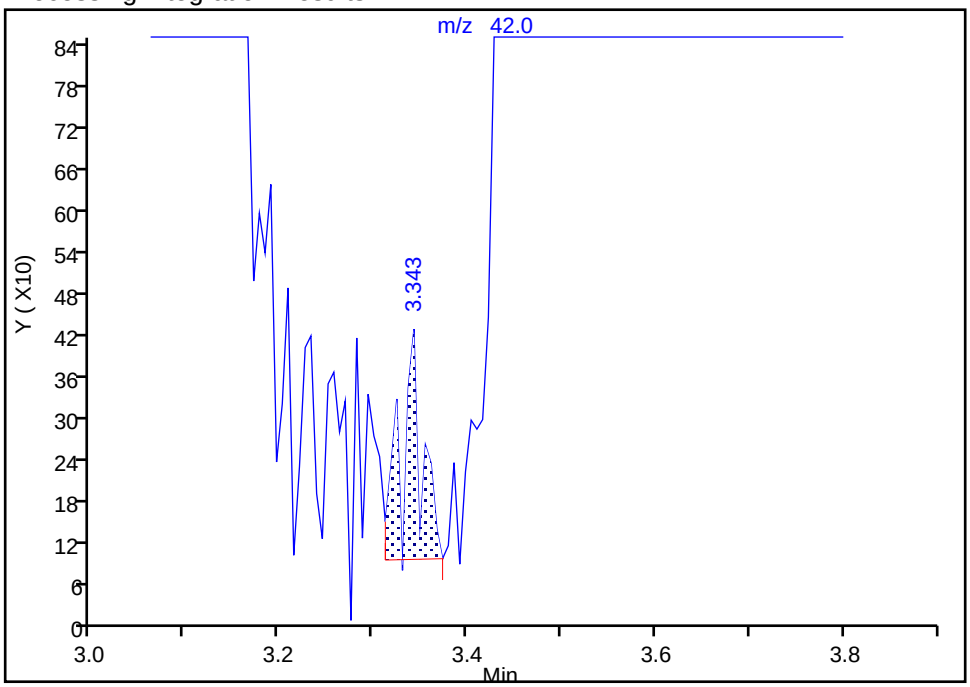
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

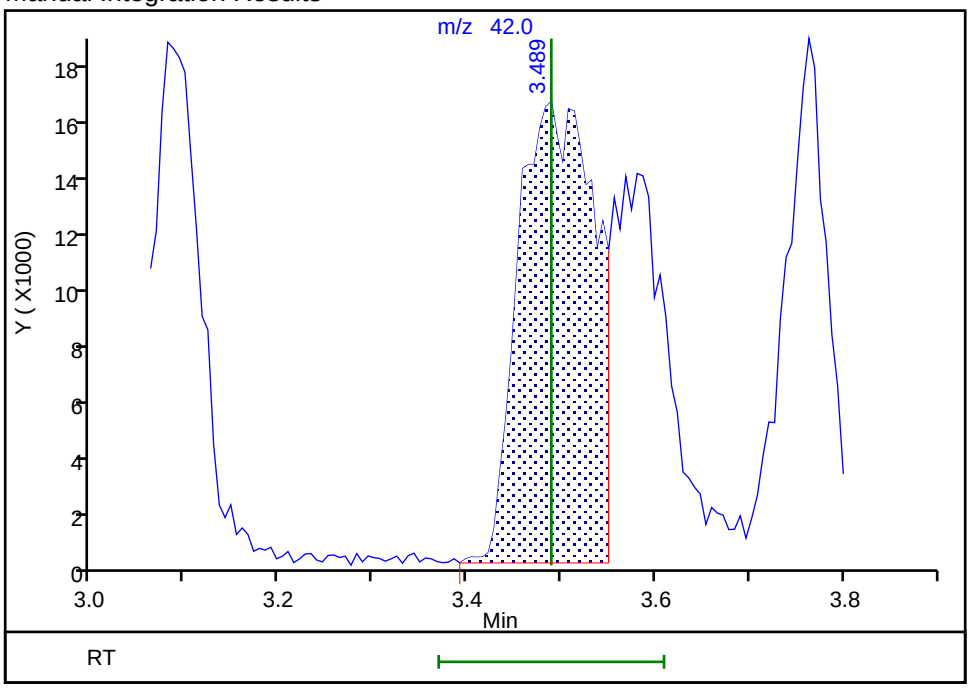
Processing Integration Results

RT: 3.34
Area: 504
Amount: 2.862355
Amount Units: ug/l



Manual Integration Results

RT: 3.49
Area: 93441
Amount: 530.6772
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 17:38:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

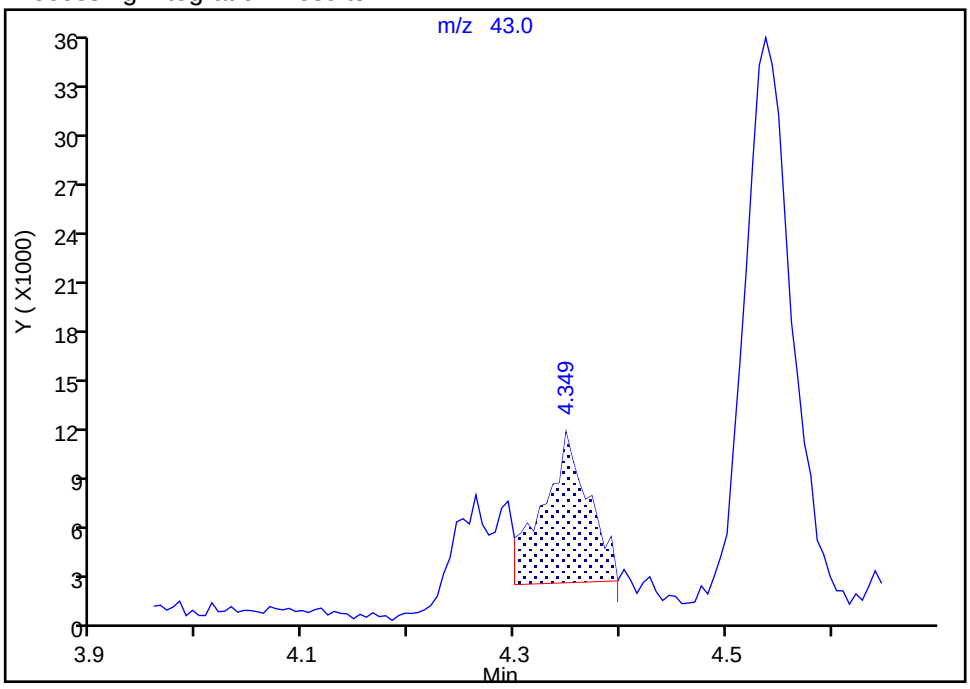
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

Signal: 1

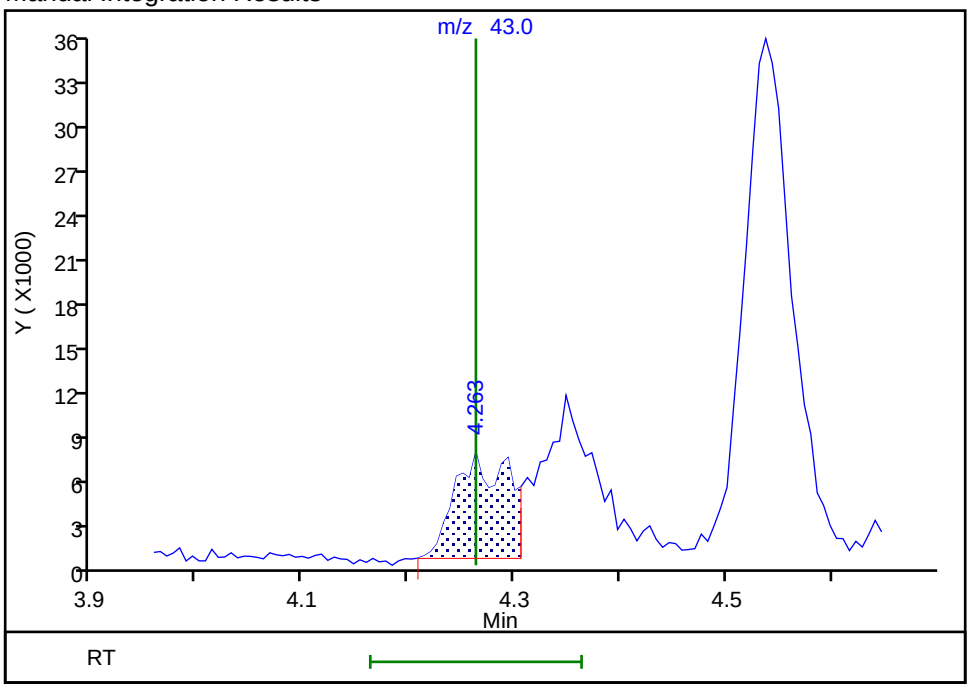
Processing Integration Results

RT: 4.35
Area: 27259
Amount: 418.0255
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 24778
Amount: 380.6945
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 12:36:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

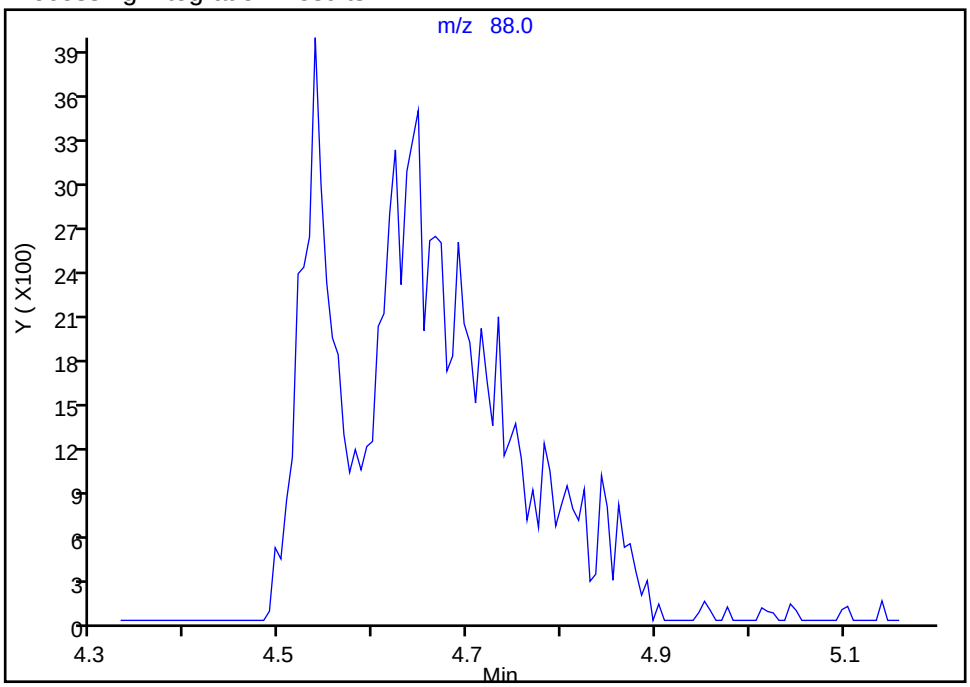
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

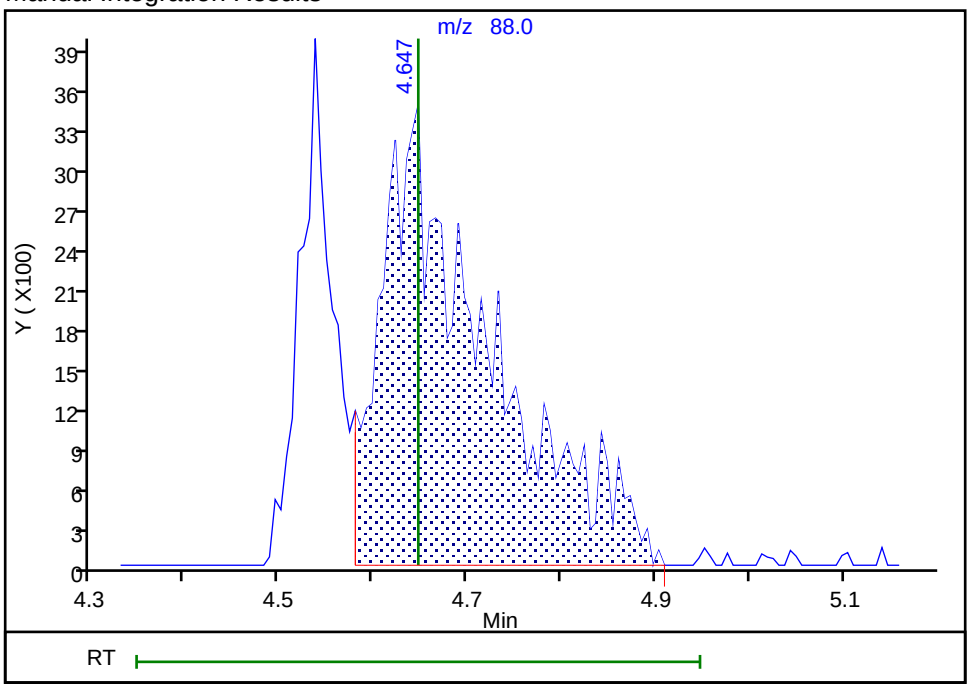
Not Detected
Expected RT: 4.65

Processing Integration Results



Manual Integration Results

RT: 4.65
Area: 26706
Amount: 512.5067
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 12:36:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

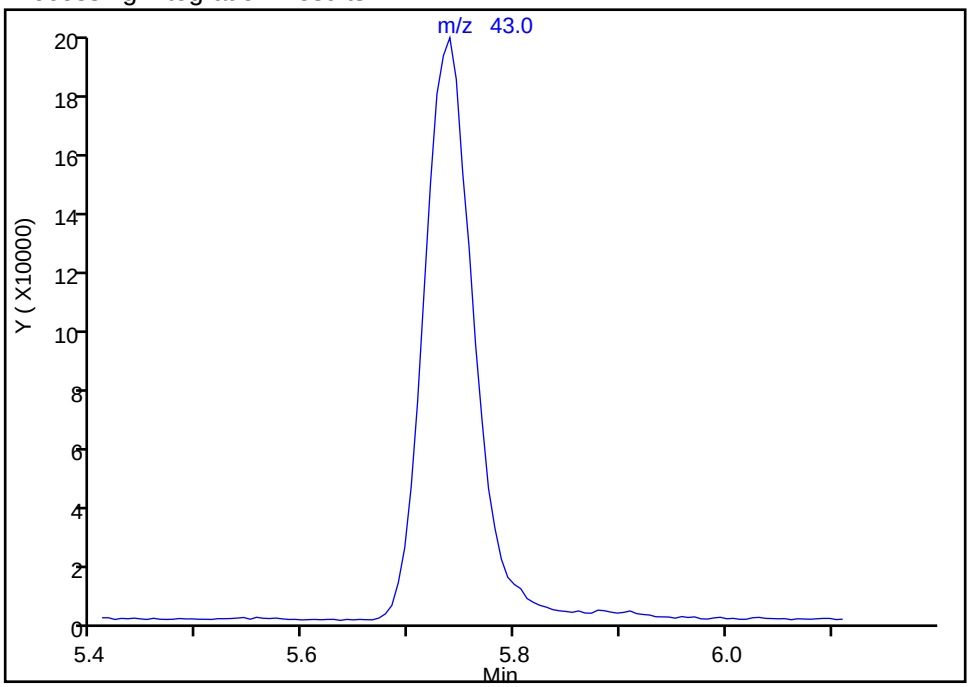
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628603.D
Injection Date: 28-Aug-2020 17:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

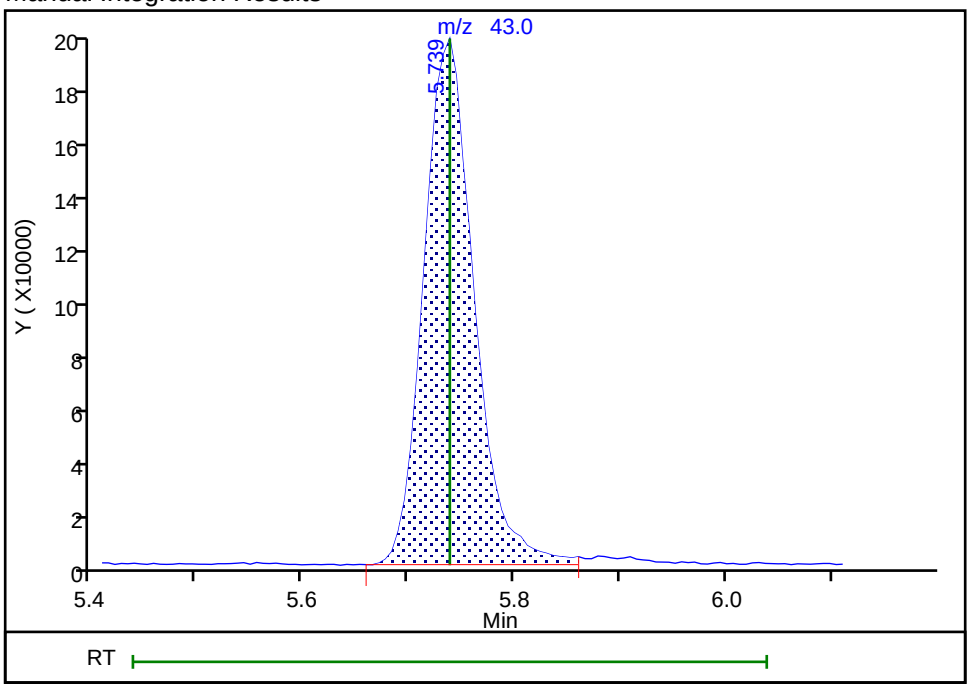
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.74
Area: 634231
Amount: 104.1601
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 17:38:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720465/2 Calibration Date: 08/29/2020 05:12

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B62631.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.4482	0.6466		28.8	20.0	44.2*	20.0
Dichlorodifluoromethane	Ave	0.6826	0.7224	0.1000	21.2	20.0	5.8	20.0
Chloromethane	Ave	1.170	1.132	0.1000	19.4	20.0	-3.2	20.0
Butadiene	Ave	0.7779	0.7581		19.5	20.0	-2.6	20.0
Vinyl chloride	Ave	0.7879	0.7864	0.1000	20.0	20.0	-0.2	20.0
Bromomethane	Ave	0.5159	0.4877	0.1000	18.9	20.0	-5.5	50.0
Chloroethane	Ave	0.4334	0.4317	0.1000	19.9	20.0	-0.4	50.0
Dichlorofluoromethane	Ave	1.065	1.003		18.8	20.0	-5.9	20.0
Trichlorofluoromethane	Ave	0.7637	0.7413	0.1000	19.4	20.0	-2.9	20.0
Pentane	Ave	0.1012	0.0942		37.2	40.0	-6.9	20.0
Ethyl ether	Ave	0.4318	0.3738		17.3	20.0	-13.4	20.0
Ethanol	Ave	0.0744	0.0780		839	800	4.8	50.0
2-Methyl-1,3-butadiene	Ave	0.5827	0.5043		17.3	20.0	-13.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4211	0.4451		21.1	20.0	5.7	20.0
Acrolein	Ave	1.676	1.459		261	300	-13.0	50.0
1,1-Dichloroethene	Ave	0.4364	0.4376	0.1000	20.1	20.0	0.3	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4743	0.4792	0.1000	20.2	20.0	1.0	20.0
Acetone	Ave	1.196	1.153	0.0500	96.4	100	-3.6	50.0
Iodomethane	Ave	0.7147	0.7267		20.3	20.0	1.7	20.0
Carbon disulfide	Ave	1.601	1.487	0.1000	18.6	20.0	-7.1	50.0
Isopropyl alcohol	Ave	1.108	1.163		210	200	5.0	50.0
Allyl chloride	Ave	0.7744	0.6978		18.0	20.0	-9.9	20.0
Methyl acetate	QuaF		0.3578	0.1000	46.7	40.0	16.8	20.0
Acetonitrile	Ave	0.999	1.073		215	200	7.4	20.0
Methylene Chloride	Ave	0.4613	0.4634	0.1000	20.1	20.0	0.5	20.0
2-Methyl-2-propanol	Ave	1.650	1.645		199	200	-0.3	50.0
Acrylonitrile	Ave	4.452	4.299		193	200	-3.4	20.0
trans-1,2-Dichloroethene	Ave	0.4172	0.4510	0.1000	21.6	20.0	8.1	20.0
Methyl tert-butyl ether	Ave	1.127	1.142	0.1000	20.3	20.0	1.3	20.0
Hexane	Ave	0.7905	0.8255		20.9	20.0	4.4	20.0
1,1-Dichloroethane	Ave	0.8600	0.8764	0.2000	20.4	20.0	1.9	20.0
2-Chloro-1,3-butadiene	Ave	0.3715	0.4204		22.6	20.0	13.2	20.0
Vinyl acetate	Ave	0.4948	0.5062		40.9	40.0	2.3	20.0
Isopropyl ether	Ave	1.768	1.847		20.9	20.0	4.5	20.0
Tert-butyl ethyl ether	Ave	0.4452	0.4873		21.9	20.0	9.5	20.0
cis-1,2-Dichloroethene	Ave	0.4339	0.4691	0.1000	21.6	20.0	8.1	20.0
2,2-Dichloropropane	Ave	0.1879	0.2156		22.9	20.0	14.7	20.0
2-Butanone (MEK)	Ave	0.3326	0.3600	0.0500	108	100	8.2	50.0
Propionitrile	Ave	0.4284	0.4859		227	200	13.4	20.0
Ethyl acetate	Ave	0.2468	0.2817		45.7	40.0	14.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720465/2 Calibration Date: 08/29/2020 05:12

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B62631.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1969	0.1965		20.0	20.0	-0.2	20.0
Methacrylonitrile	Ave	0.1466	0.1594		217	200	8.7	20.0
Tetrahydrofuran	QuaF		0.3426		43.4	40.0	8.6	20.0
Chloroform	Ave	0.6859	0.7481	0.2000	21.8	20.0	9.1	20.0
1,1,1-Trichloroethane	Ave	0.5760	0.6259	0.1000	21.7	20.0	8.7	20.0
Cyclohexane	Ave	0.6374	0.7593	0.1000	23.8	20.0	19.1	50.0
Carbon tetrachloride	Ave	0.4586	0.4805	0.1000	21.0	20.0	4.8	20.0
1,1-Dichloropropene	Ave	0.5646	0.6184		21.9	20.0	9.5	20.0
Benzene	Ave	2.319	2.482	0.5000	21.4	20.0	7.0	20.0
1,2-Dichloroethane	Ave	0.5164	0.5593	0.1000	21.7	20.0	8.3	20.0
Isobutyl alcohol	Ave	0.3673	0.3776		514	500	2.8	50.0
Tert-amyl methyl ether	Ave	1.353	1.478		21.8	20.0	9.2	20.0
n-Heptane	Ave	0.8571	1.040		24.3	20.0	21.4*	20.0
Trichloroethene	Ave	0.3809	0.4166	0.2000	21.9	20.0	9.4	20.0
n-Butanol	QuaF		0.1384		506	500	1.3	50.0
Methylcyclohexane	Ave	0.7695	0.8999	0.1000	23.4	20.0	16.9	50.0
Ethyl acrylate	Ave	1.161	1.335		23.0	20.0	15.0	20.0
1,2-Dichloropropane	Ave	0.4527	0.4753	0.1000	21.0	20.0	5.0	20.0
Dibromomethane	Ave	0.2134	0.2060		19.3	20.0	-3.5	20.0
1,4-Dioxane	Ave	1.504	1.669		444	400	10.9	50.0
Methyl methacrylate	Ave	0.0723	0.0811		44.9	40.0	12.2	20.0
Dichlorobromomethane	Ave	0.4757	0.4576	0.2000	19.2	20.0	-3.8	20.0
2-Nitropropane	Ave	0.0878	0.0725		33.0	40.0	-17.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1316	0.0879		13.4	20.0	-33.2*	20.0
Epichlorohydrin	Ave	0.2682	0.2683		400	400	0.0	20.0
cis-1,3-Dichloropropene	Ave	0.8104	0.7807	0.2000	19.3	20.0	-3.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.581	3.675	0.0500	103	100	2.6	50.0
Toluene	Ave	2.227	2.357	0.4000	21.2	20.0	5.8	20.0
trans-1,3-Dichloropropene	Ave	0.6553	0.6271	0.1000	19.1	20.0	-4.3	50.0
1,1,2-Trichloroethane	Ave	0.3591	0.3627	0.1000	20.2	20.0	1.0	20.0
Tetrachloroethene	Ave	0.4938	0.5416	0.2000	21.9	20.0	9.7	20.0
1,3-Dichloropropane	Ave	0.7158	0.7253		20.3	20.0	1.3	20.0
2-Hexanone	Ave	2.111	2.254	0.0500	107	100	6.8	50.0
Chlorodibromomethane	Ave	0.3883	0.3420	0.1000	17.6	20.0	-11.9	50.0
Ethylene Dibromide	Ave	0.3624	0.3738	0.1000	20.6	20.0	3.2	20.0
Chlorobenzene	Ave	1.277	1.326	0.5000	20.8	20.0	3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4656	0.4400		18.9	20.0	-5.5	20.0
Ethylbenzene	Ave	0.7415	0.7781	0.1000	21.0	20.0	4.9	20.0
m-Xylene & p-Xylene	Ave	0.9108	1.008	0.1000	22.1	20.0	10.6	20.0
o-Xylene	Ave	0.9366	0.9770	0.3000	20.9	20.0	4.3	20.0
Styrene	Ave	1.397	1.452	0.3000	20.8	20.0	4.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720465/2 Calibration Date: 08/29/2020 05:12

Instrument ID: CVOAMS2 Calib Start Date: 08/18/2020 10:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/18/2020 12:20

Lab File ID: B62631.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acrylate	Ave	0.3274	0.3328		20.3	20.0	1.6	20.0
Bromoform	Ave	0.2244	0.2030	0.1000	18.1	20.0	-9.5	20.0
Amyl acetate (mixed isomers)	Ave	1.851	1.839		19.9	20.0	-0.6	20.0
Isopropylbenzene	Ave	2.447	2.707	0.1000	22.1	20.0	10.6	20.0
Bromobenzene	Ave	0.9802	0.9858		20.1	20.0	0.6	20.0
1,2,3-Trichloropropane	Ave	0.2781	0.2730		19.6	20.0	-1.8	20.0
1,1,2,2-Tetrachloroethane	Ave	1.125	1.055	0.3000	18.8	20.0	-6.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3196	0.3295		20.6	20.0	3.1	20.0
N-Propylbenzene	Ave	1.184	1.222		20.7	20.0	3.3	20.0
2-Chlorotoluene	Ave	1.015	1.054		20.8	20.0	3.8	20.0
4-Ethyltoluene	Ave	4.214	4.530		21.5	20.0	7.5	20.0
4-Chlorotoluene	Ave	3.594	3.762		20.9	20.0	4.7	20.0
1,3,5-Trimethylbenzene	Ave	3.788	3.985		21.0	20.0	5.2	20.0
tert-Butylbenzene	Ave	3.019	3.055		20.2	20.0	1.2	20.0
1,2,4-Trimethylbenzene	Ave	3.841	3.956		20.6	20.0	3.0	20.0
sec-Butylbenzene	Ave	4.899	5.116		20.9	20.0	4.4	20.0
1,3-Dichlorobenzene	Ave	1.903	2.005	0.6000	21.1	20.0	5.3	20.0
1,4-Dichlorobenzene	Ave	1.923	1.971	0.5000	20.5	20.0	2.5	20.0
4-Isopropyltoluene	Ave	4.055	4.169		20.6	20.0	2.8	20.0
1,2,3-Trimethylbenzene	Ave	3.964	4.021		20.3	20.0	1.4	20.0
Benzyl chloride	Ave	0.3049	0.2847		18.7	20.0	-6.6	50.0
Indan	Ave	1.446	1.554		21.5	20.0	7.4	20.0
1,2-Dichlorobenzene	Ave	2.026	1.972	0.4000	19.5	20.0	-2.7	20.0
p-Diethylbenzene	Ave	2.113	2.293		21.7	20.0	8.5	20.0
n-Butylbenzene	Ave	2.429	2.515		20.7	20.0	3.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1951	0.1652	0.0500	16.9	20.0	-15.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.910	3.951		20.2	20.0	1.1	20.0
1,3,5-Trichlorobenzene	Ave	1.638	1.698		20.7	20.0	3.7	20.0
1,2,4-Trichlorobenzene	Ave	1.400	1.360	0.2000	19.4	20.0	-2.9	20.0
Hexachlorobutadiene	Ave	0.8045	0.7286		18.1	20.0	-9.4	20.0
Naphthalene	Ave	3.277	3.048		18.6	20.0	-7.0	50.0
1,2,3-Trichlorobenzene	Ave	1.395	1.333		19.1	20.0	-4.5	20.0
Dibromofluoromethane (Surr)	Ave	0.3300	0.3192		48.4	50.0	-3.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3994	0.3963		49.6	50.0	-0.8	20.0
Toluene-d8 (Surr)	Ave	1.862	1.767		47.5	50.0	-5.1	20.0
4-Bromofluorobenzene	Ave	0.8998	0.8842		49.1	50.0	-1.7	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Aug-2020 05:12:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0115948-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:02:18 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:27:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.654	0.654	0.000	67	12112	20.0	26.5	
2 1,1-Difluoroethane	51	0.685	0.685	0.000	96	159030	20.0	28.8	
3 Dichlorodifluoromethane	85	0.721	0.721	0.000	96	177681	20.0	21.2	
4 Chlorodifluoromethane	51	0.727	0.727	0.000	96	201779	20.0	21.5	
5 Chloromethane	50	0.795	0.795	0.000	99	278518	20.0	19.4	
6 Butadiene	54	0.837	0.837	0.000	96	186456	20.0	19.5	
7 Vinyl chloride	62	0.843	0.843	0.000	97	193423	20.0	20.0	
8 Bromomethane	94	0.983	0.983	0.000	99	119965	20.0	18.9	
9 Chloroethane	64	1.014	1.014	0.000	100	106187	20.0	19.9	
10 Dichlorofluoromethane	67	1.124	1.124	0.000	97	246591	20.0	18.8	
11 Trichlorofluoromethane	101	1.148	1.148	0.000	84	182331	20.0	19.4	
12 Pentane	72	1.160	1.160	0.000	97	46331	40.0	37.2	
14 Ethanol	46	1.282	1.282	0.000	75	29521	800.0	838.8	
13 Ethyl ether	59	1.276	1.276	0.000	95	91939	20.0	17.3	
15 2-Methyl-1,3-butadiene	53	1.288	1.288	0.000	98	124043	20.0	17.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.301	1.301	0.000	91	109474	20.0	21.1	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.337	1.337	0.000	66	190194	20.0	20.4	a
18 Acrolein	56	1.343	1.343	0.000	96	207004	300.0	261.1	
19 1,1-Dichloroethene	96	1.392	1.392	0.000	95	107632	20.0	20.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.435	1.435	0.000	60	117858	20.0	20.2	
21 Acetone	43	1.435	1.435	0.000	86	189684	100.0	96.4	
22 Iodomethane	142	1.477	1.477	0.000	96	178734	20.0	20.3	
23 Carbon disulfide	76	1.514	1.514	0.000	100	365797	20.0	18.6	
24 Isopropyl alcohol	45	1.550	1.550	0.000	24	110055	200.0	210.0	Ma
25 3-Chloro-1-propene	39	1.599	1.599	0.000	93	171644	20.0	18.0	
26 Methyl acetate	43	1.630	1.630	0.000	99	176017	40.0	46.7	
27 Acetonitrile	39	1.648	1.648	0.000	58	101554	200.0	214.8	a
28 Methylene Chloride	84	1.685	1.685	0.000	98	113981	20.0	20.1	
* 29 TBA-d9 (IS)	65	1.746	1.746	0.000	0	473093	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.813	1.813	0.000	34	155629	200.0	199.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	1.843	1.843	0.000	96	406775	200.0	193.1	
32 trans-1,2-Dichloroethene	96	1.855	1.855	0.000	98	110919	20.0	21.6	
33 Methyl tert-butyl ether	73	1.874	1.874	0.000	98	280823	20.0	20.3	
34 Hexane	57	2.050	2.050	0.000	94	203042	20.0	20.9	
35 1,1-Dichloroethane	63	2.148	2.148	0.000	98	215568	20.0	20.4	
36 2-Chloro-1,3-butadiene	88	2.209	2.209	0.000	65	103394	20.0	22.6	
37 Vinyl acetate	86	2.209	2.209	0.000	100	33308	40.0	40.9	
38 Isopropyl ether	45	2.233	2.233	0.000	92	454355	20.0	20.9	
39 Tert-butyl ethyl ether	87	2.514	2.514	0.000	89	119867	20.0	21.9	
* 40 2-Butanone-d5	46	2.587	2.587	0.000	0	411269	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.599	2.599	0.000	91	115391	20.0	21.6	
42 2,2-Dichloropropane	79	2.605	2.605	0.000	63	53021	20.0	22.9	
43 2-Butanone (MEK)	72	2.636	2.636	0.000	99	59218	100.0	108.2	
44 Propionitrile	54	2.690	2.690	0.000	96	159872	200.0	226.9	
45 Ethyl acetate	70	2.715	2.715	0.000	99	18538	40.0	45.7	Ma
46 Chlorobromomethane	128	2.800	2.800	0.000	50	48324	20.0	20.0	
47 Methacrylonitrile	67	2.806	2.806	0.000	96	392025	200.0	217.4	
48 Tetrahydrofuran	72	2.873	2.873	0.000	39	22544	40.0	43.4	M
49 Chloroform	83	2.898	2.898	0.000	97	184018	20.0	21.8	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.044	0.000	95	196307	50.0	48.4	
50 1,1,1-Trichloroethane	97	3.044	3.044	0.000	73	153956	20.0	21.7	
52 Cyclohexane	84	3.087	3.087	0.000	97	186758	20.0	23.8	
53 Carbon tetrachloride	117	3.196	3.196	0.000	76	118188	20.0	21.0	
54 1,1-Dichloropropene	75	3.203	3.203	0.000	91	152104	20.0	21.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	243677	50.0	49.6	
56 Benzene	78	3.398	3.398	0.000	96	440917	20.0	21.4	
57 1,2-Dichloroethane	62	3.422	3.422	0.000	96	137575	20.0	21.7	
58 Isobutyl alcohol	42	3.477	3.477	0.000	31	89315	500.0	513.9	Ma
59 Tert-amyl methyl ether	73	3.574	3.574	0.000	88	363522	20.0	21.8	
* 60 Fluorobenzene	96	3.709	3.709	0.000	99	614912	50.0	50.0	
61 n-Heptane	43	3.763	3.763	0.000	98	255882	20.0	24.3	
62 Trichloroethene	95	4.129	4.129	0.000	97	102473	20.0	21.9	
64 Methylcyclohexane	83	4.343	4.343	0.000	90	221338	20.0	23.4	
63 n-Butanol	43	4.257	4.257	0.000	1	32730	500.0	506.3	a
65 Ethyl acrylate	55	4.355	4.355	0.000	93	328285	20.0	23.0	
66 1,2-Dichloropropane	63	4.397	4.397	0.000	88	116911	20.0	21.0	
67 Dibromomethane	93	4.538	4.538	0.000	34	50663	20.0	19.3	
* 68 1,4-Dioxane-d8	96	4.568	4.568	0.000	0	35549	1000.0	1000.0	
69 1,4-Dioxane	88	4.647	4.647	0.000	26	23726	400.0	443.7	
70 Methyl methacrylate	100	4.660	4.660	0.000	90	39884	40.0	44.9	
71 Dichlorobromomethane	83	4.788	4.788	0.000	96	112547	20.0	19.2	
72 2-Nitropropane	41	5.117	5.117	0.000	96	35671	40.0	33.0	
73 2-Chloroethyl vinyl ether	63	5.288	5.288	0.000	87	21666	20.0	13.4	
74 Epichlorohydrin	57	5.318	5.318	0.000	99	176526	400.0	400.1	
75 cis-1,3-Dichloropropene	75	5.422	5.422	0.000	97	138691	20.0	19.3	
76 4-Methyl-2-pentanone (MIBK)	43	5.733	5.733	0.000	97	604621	100.0	102.6	a
$ 77 Toluene-d8 (Surr)	98	5.800	5.800	0.000	97	784751	50.0	47.5	
78 Toluene	91	5.897	5.897	0.000	93	418675	20.0	21.2	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	96	111395	20.0	19.1	
80 1,1,2-Trichloroethane	83	6.598	6.598	0.000	93	64431	20.0	20.2	
81 Tetrachloroethene	166	6.757	6.757	0.000	95	96211	20.0	21.9	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	99	128846	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 2-Hexanone	43	7.141	7.141	0.000	99	370766	100.0	106.8	
84 Chlorodibromomethane	129	7.220	7.220	0.000	96	60762	20.0	17.6	
85 Ethylene Dibromide	107	7.342	7.342	0.000	95	66404	20.0	20.6	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	89	444123	50.0	50.0	
87 Chlorobenzene	112	8.293	8.293	0.000	91	235548	20.0	20.8	
88 1,1,1,2-Tetrachloroethane	131	8.513	8.513	0.000	94	78174	20.0	18.9	
89 Ethylbenzene	106	8.598	8.598	0.000	99	138229	20.0	21.0	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	178985	20.0	22.1	
92 o-Xylene	106	9.555	9.555	0.000	93	173567	20.0	20.9	
93 Styrene	104	9.592	9.592	0.000	95	257986	20.0	20.8	
91 n-Butyl acrylate	73	9.762	9.762	0.000	0	59117	20.0	20.3	
94 Bromoform	173	9.842	9.842	0.000	94	36059	20.0	18.1	
95 Amyl acetate (mixed isomers)	43	10.226	10.226	0.000	89	183943	20.0	19.9	
96 Isopropylbenzene	105	10.280	10.280	0.000	96	480926	20.0	22.1	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	88	221097	50.0	49.1	
98 Bromobenzene	156	10.665	10.665	0.000	94	98596	20.0	20.1	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	97	27306	20.0	19.6	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	98	105547	20.0	18.8	
101 trans-1,4-Dichloro-2-butene	53	10.982	10.982	0.000	81	32957	20.0	20.6	
102 N-Propylbenzene	120	11.012	11.012	0.000	98	122270	20.0	20.7	
103 2-Chlorotoluene	126	11.061	11.061	0.000	98	105464	20.0	20.8	
104 4-Ethyltoluene	105	11.231	11.231	0.000	98	453132	20.0	21.5	
105 4-Chlorotoluene	91	11.268	11.268	0.000	99	376273	20.0	20.9	
106 1,3,5-Trimethylbenzene	105	11.360	11.360	0.000	92	398621	20.0	21.0	
107 tert-Butylbenzene	119	11.902	11.902	0.000	92	305560	20.0	20.2	
108 1,2,4-Trimethylbenzene	105	12.000	12.000	0.000	98	395708	20.0	20.6	
109 sec-Butylbenzene	105	12.347	12.347	0.000	98	511683	20.0	20.9	
110 1,3-Dichlorobenzene	146	12.426	12.426	0.000	96	200507	20.0	21.1	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	250052	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	94	197167	20.0	20.5	
113 4-Isopropyltoluene	119	12.689	12.689	0.000	97	416954	20.0	20.6	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	99	402156	20.0	20.3	
115 Benzyl chloride	126	12.896	12.896	0.000	97	28471	20.0	18.7	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	382218	20.0	21.5	
117 1,2-Dichlorobenzene	146	13.134	13.134	0.000	94	197255	20.0	19.5	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	229388	20.0	21.7	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	251537	20.0	20.7	
120 1,2-Dibromo-3-Chloropropane	157	13.890	13.890	0.000	91	16525	20.0	16.9	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	98	395195	20.0	20.2	
122 1,3,5-Trichlorobenzene	180	14.048	14.048	0.000	95	169850	20.0	20.7	
123 1,2,4-Trichlorobenzene	180	14.481	14.481	0.000	93	136007	20.0	19.4	
124 Hexachlorobutadiene	225	14.615	14.615	0.000	95	72871	20.0	18.1	
125 Naphthalene	128	14.633	14.633	0.000	99	304903	20.0	18.6	
126 1,2,3-Trichlorobenzene	180	14.786	14.786	0.000	96	133334	20.0	19.1	
S 127 1,2-Dichloroethene, Total	100				0		40.0	43.2	
S 128 1,3-Dichloropropene, Total	100				0		40.0	38.4	
S 129 Xylenes, Total	100				0		40.0	43.0	
S 130 Total BTEX	1				0		100.0	106.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 10:02:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D

Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2 Operator ID:

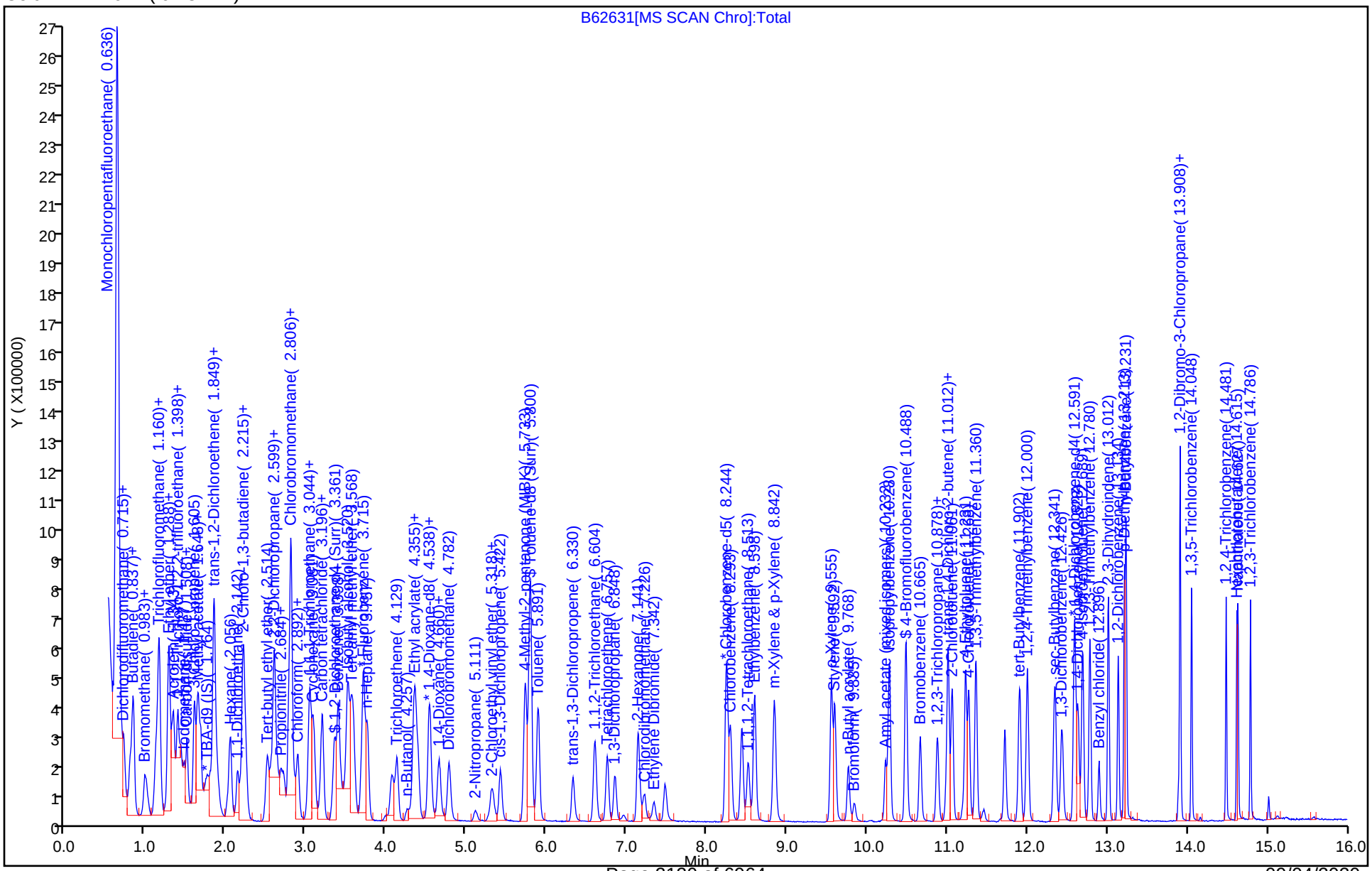
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

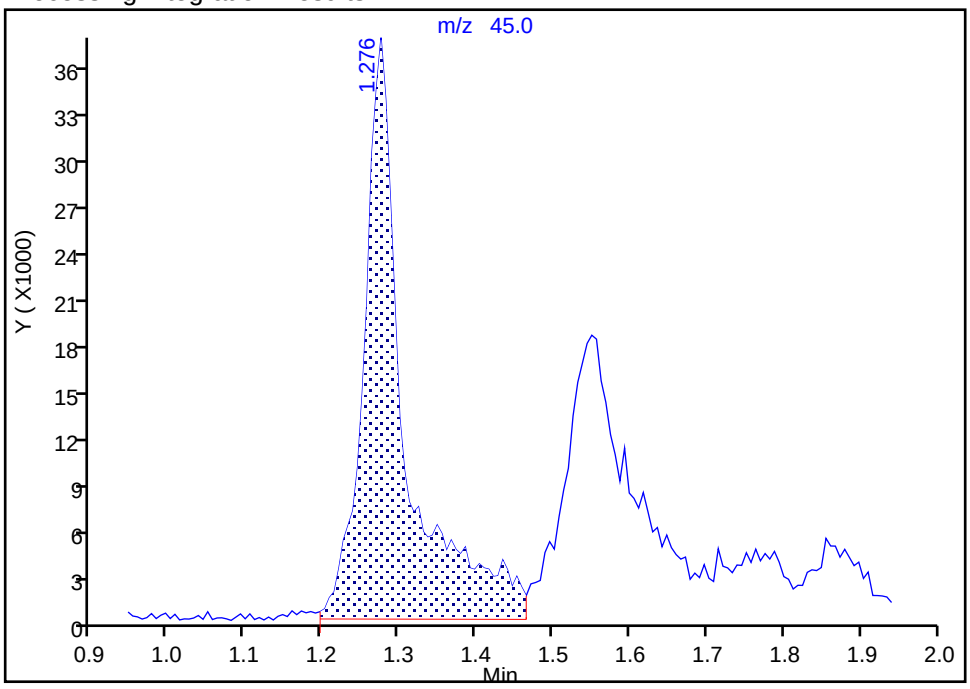
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

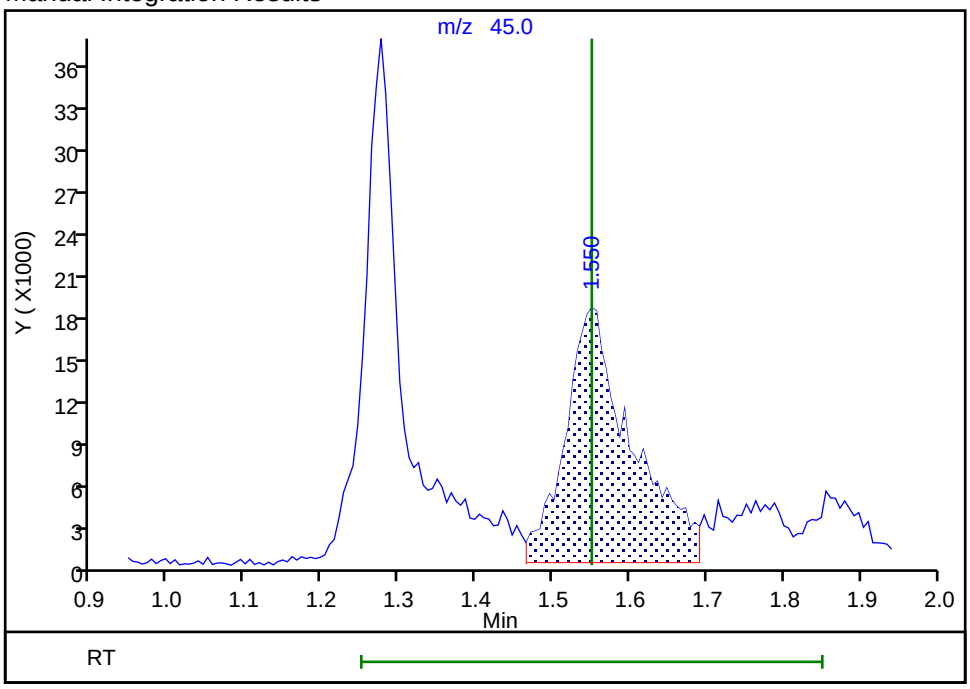
Processing Integration Results

RT: 1.28
Area: 142075
Amount: 271.0657
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 110055
Amount: 209.9746
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:38:21
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

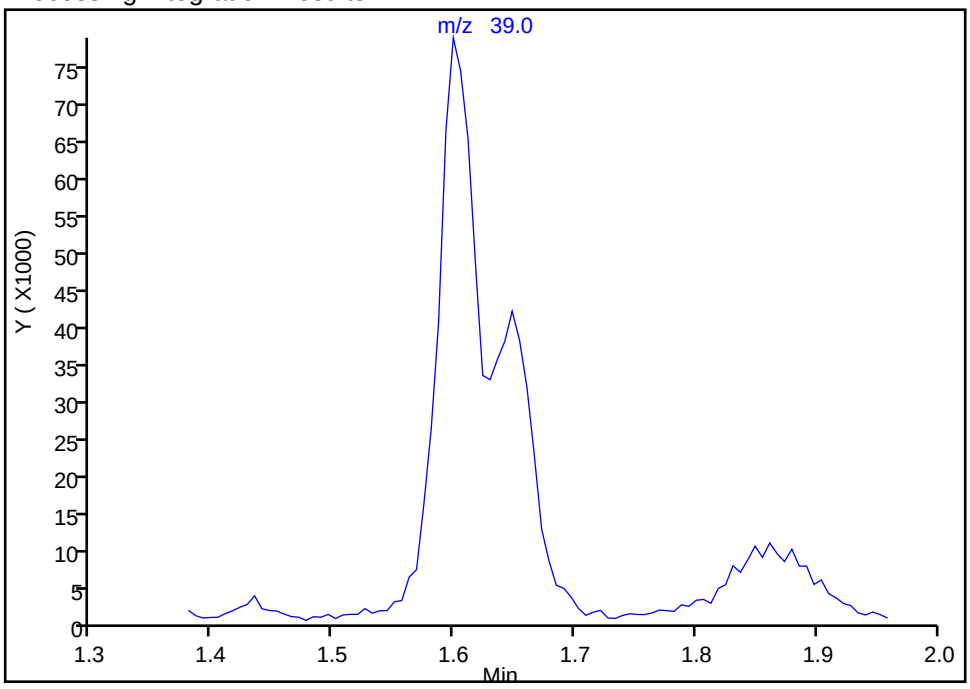
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

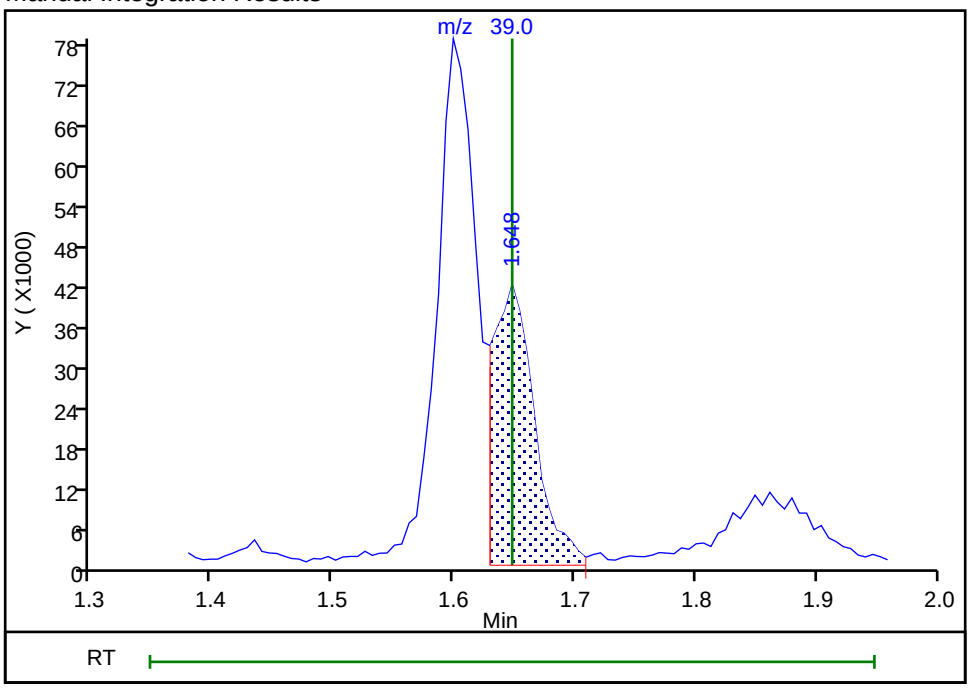
Not Detected
Expected RT: 1.65

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 101554
Amount: 214.7939
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:38:45
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

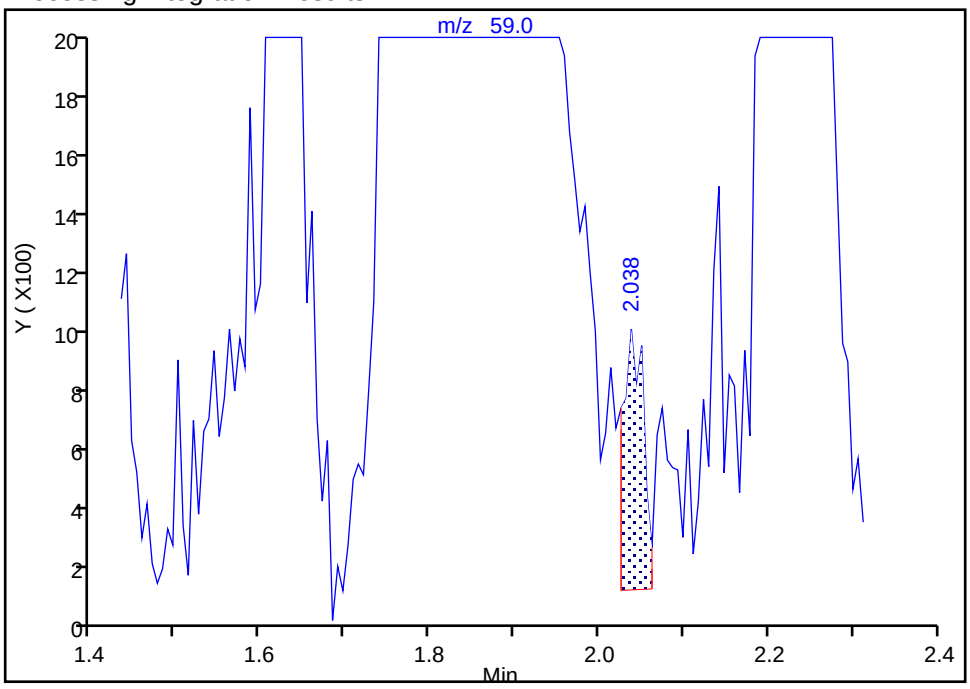
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

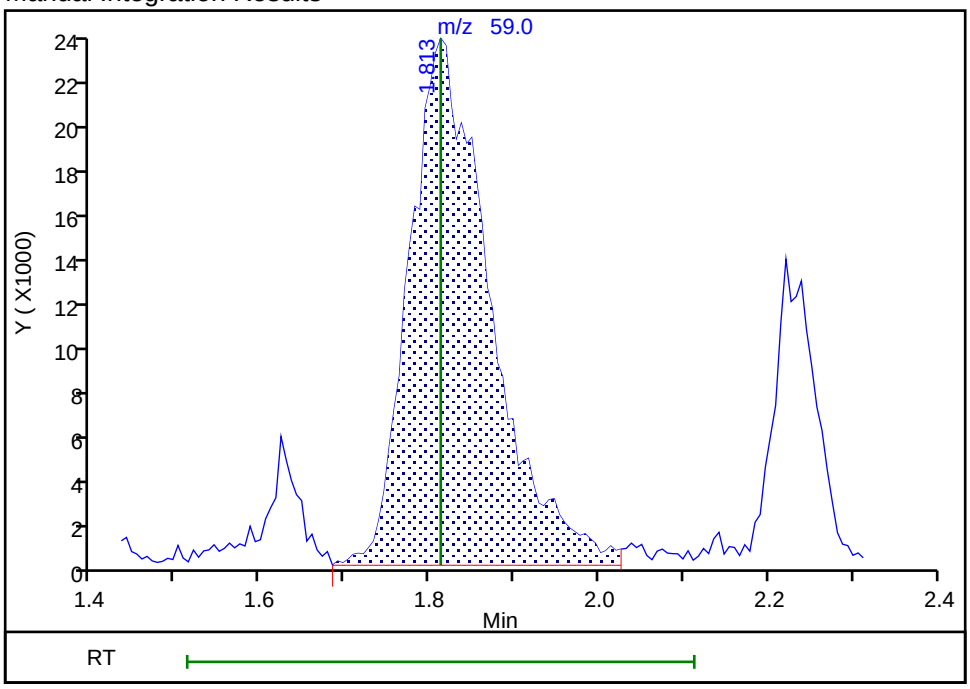
Processing Integration Results

RT: 2.04
Area: 1504
Amount: 1.926222
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 155629
Amount: 199.3191
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:38:56
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

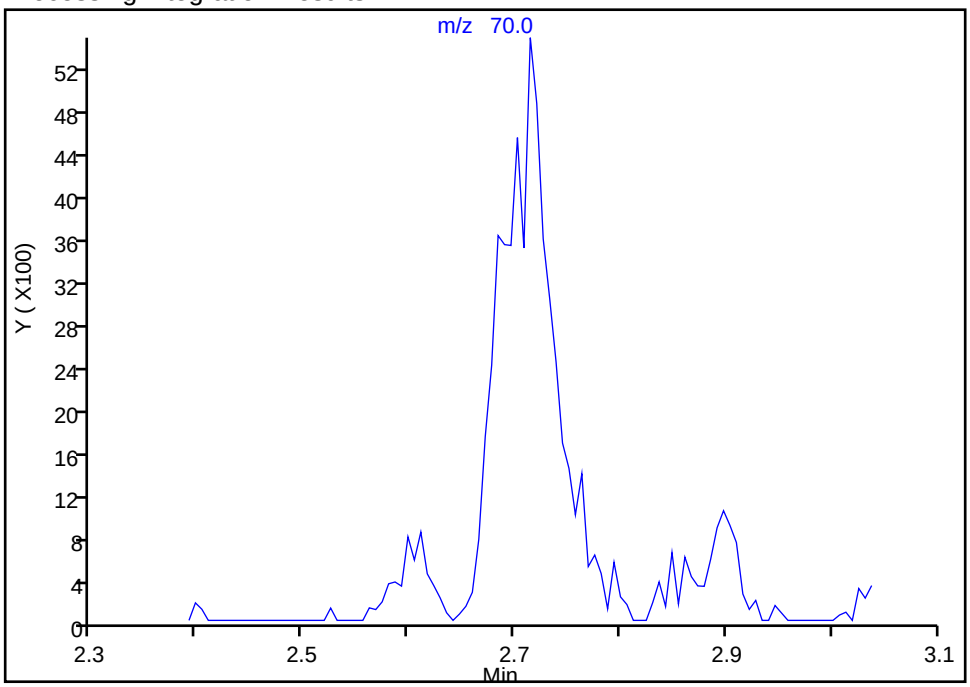
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

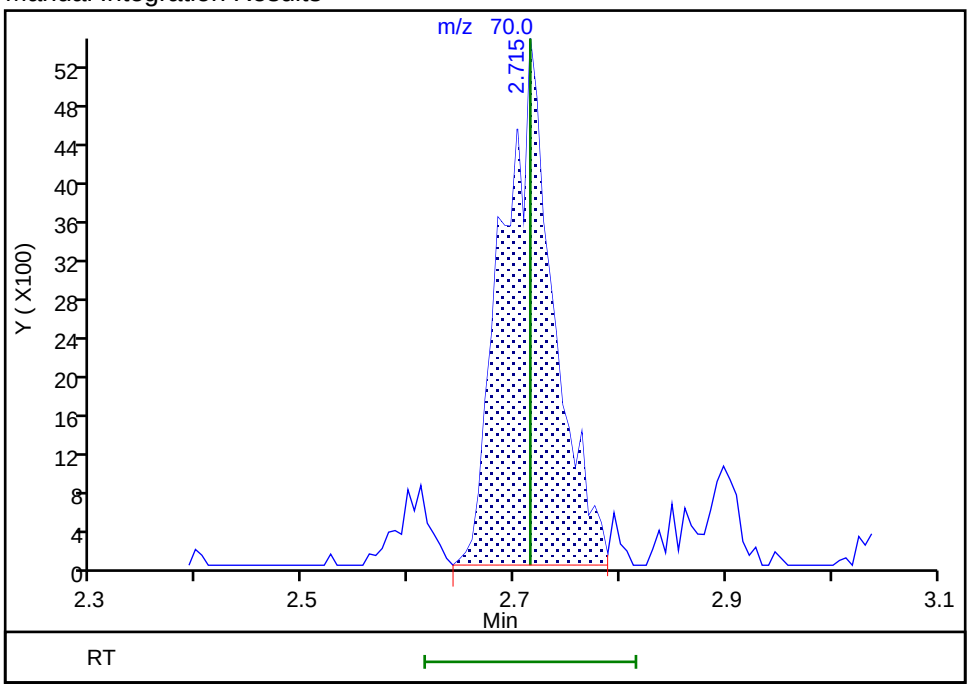
Not Detected
Expected RT: 2.71

Processing Integration Results



Manual Integration Results

RT: 2.71
Area: 18538
Amount: 45.660212
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 10:01:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

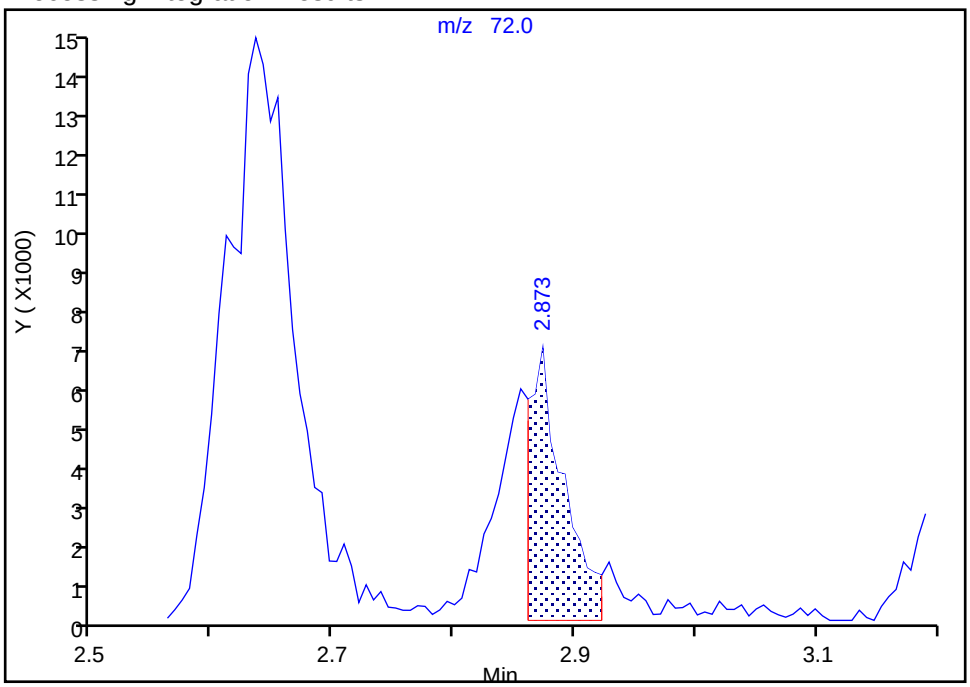
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

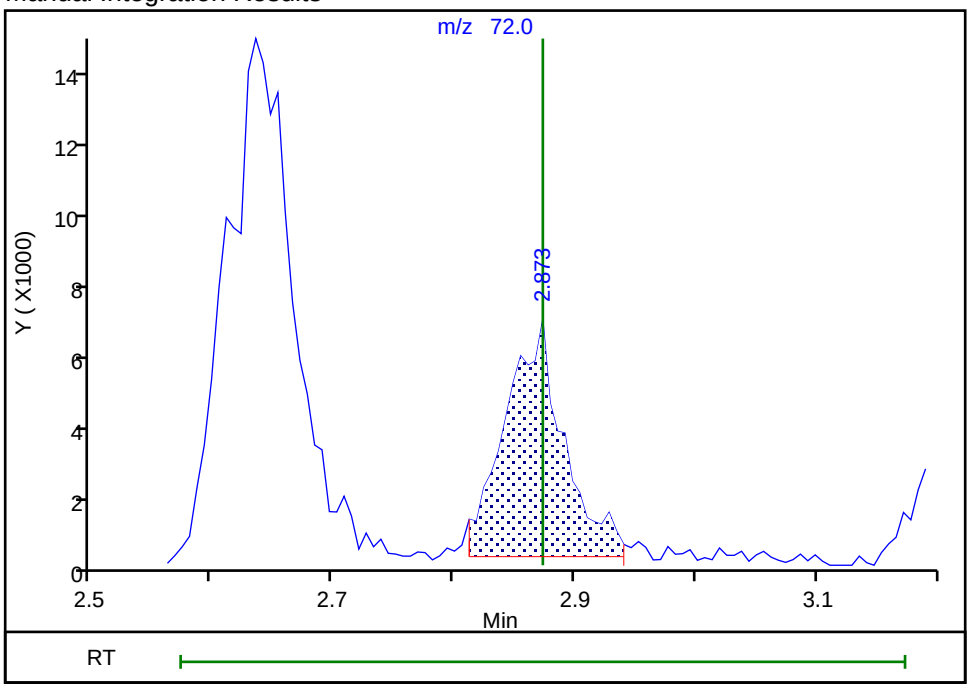
Processing Integration Results

RT: 2.87
Area: 14004
Amount: 27.089344
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 22544
Amount: 43.448370
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:39:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

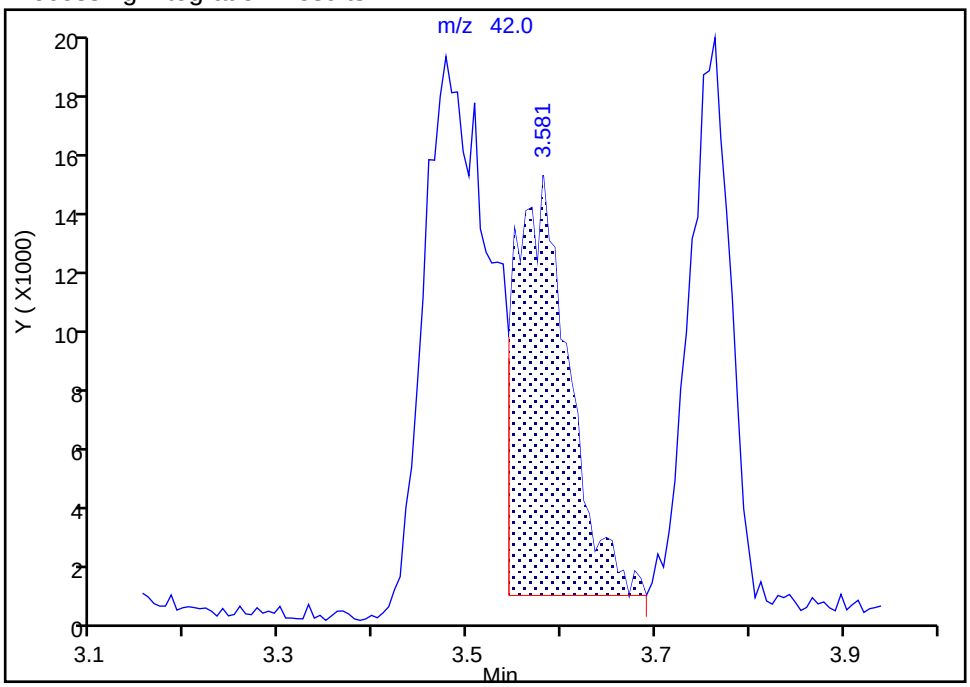
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

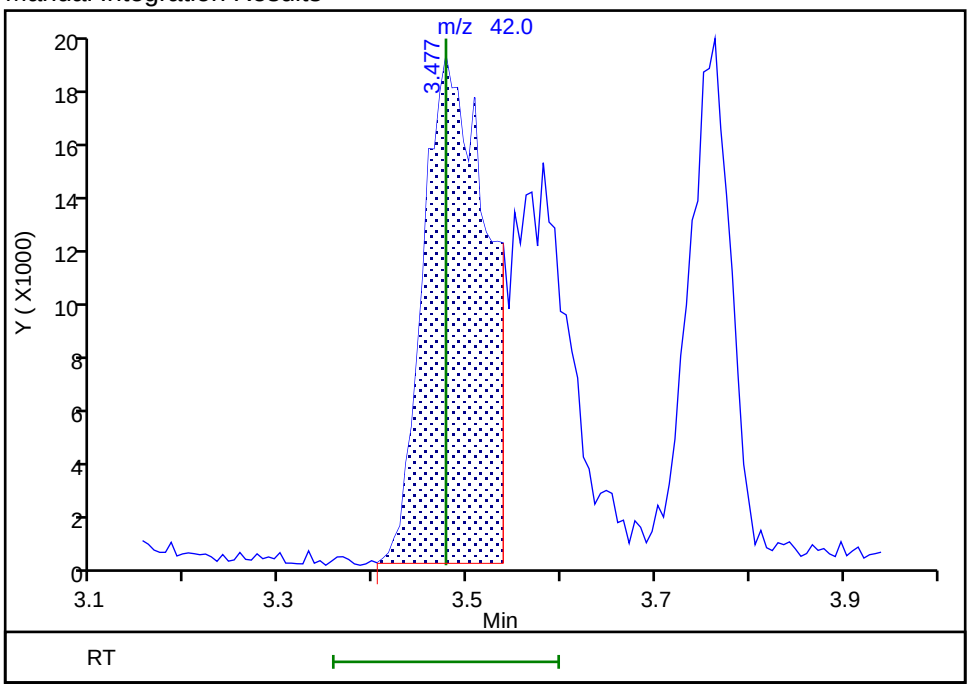
Processing Integration Results

RT: 3.58
Area: 56487
Amount: 325.0427
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 89315
Amount: 513.9446
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 10:01:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

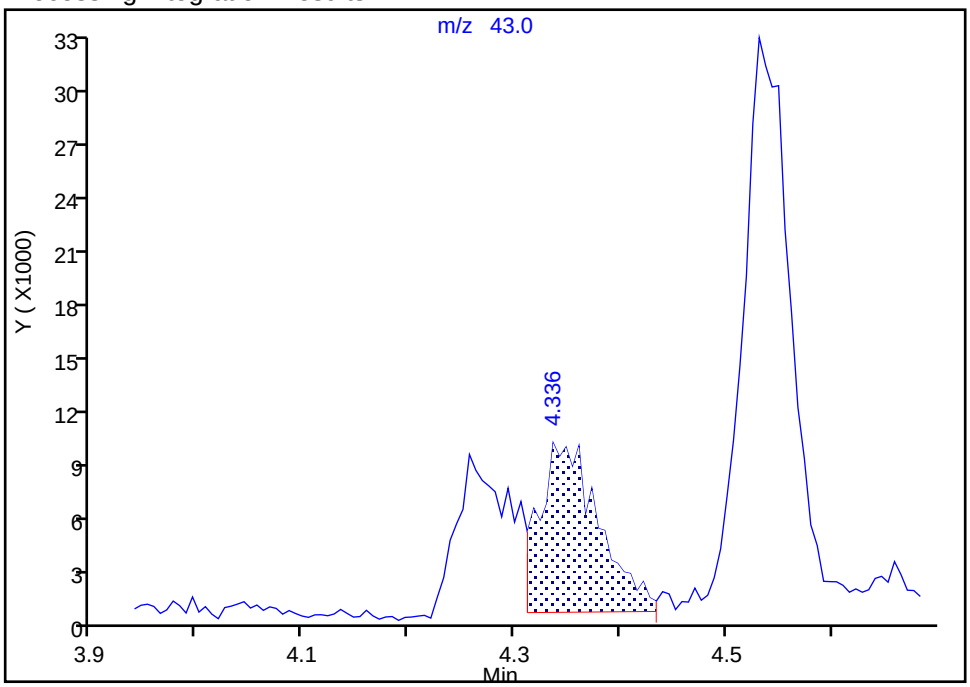
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

Signal: 1

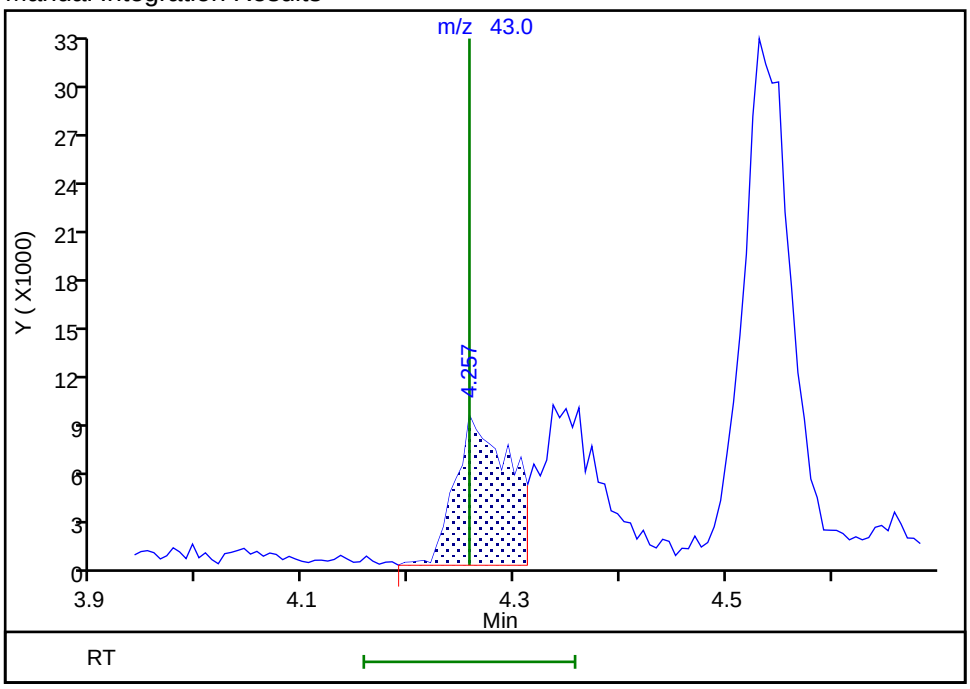
Processing Integration Results

RT: 4.34
Area: 36518
Amount: 563.2902
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 32730
Amount: 506.3032
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 10:01:26
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

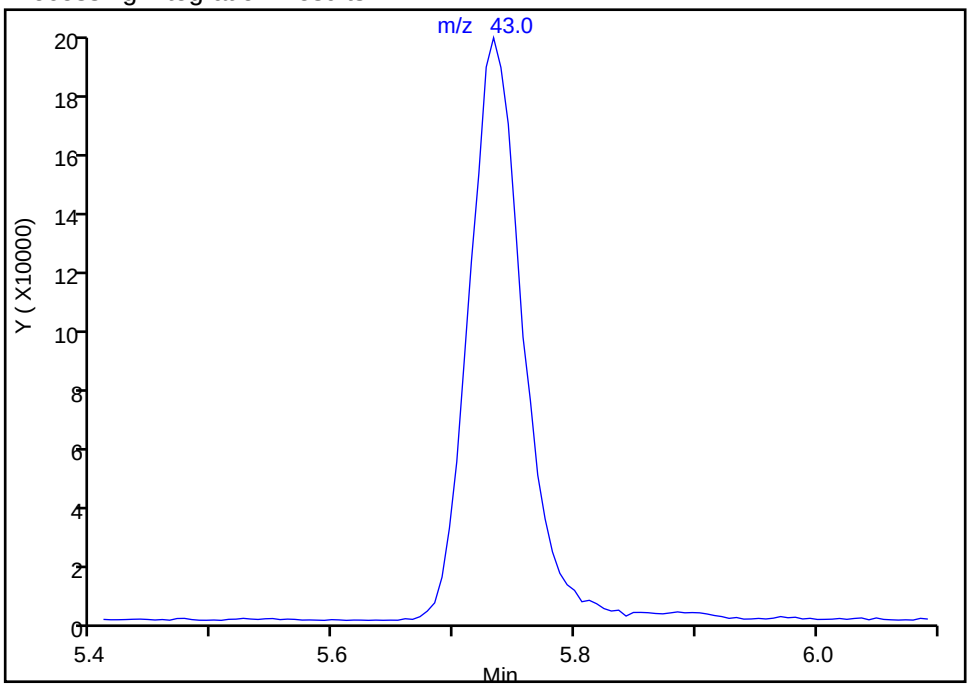
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62631.D
Injection Date: 29-Aug-2020 05:12:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

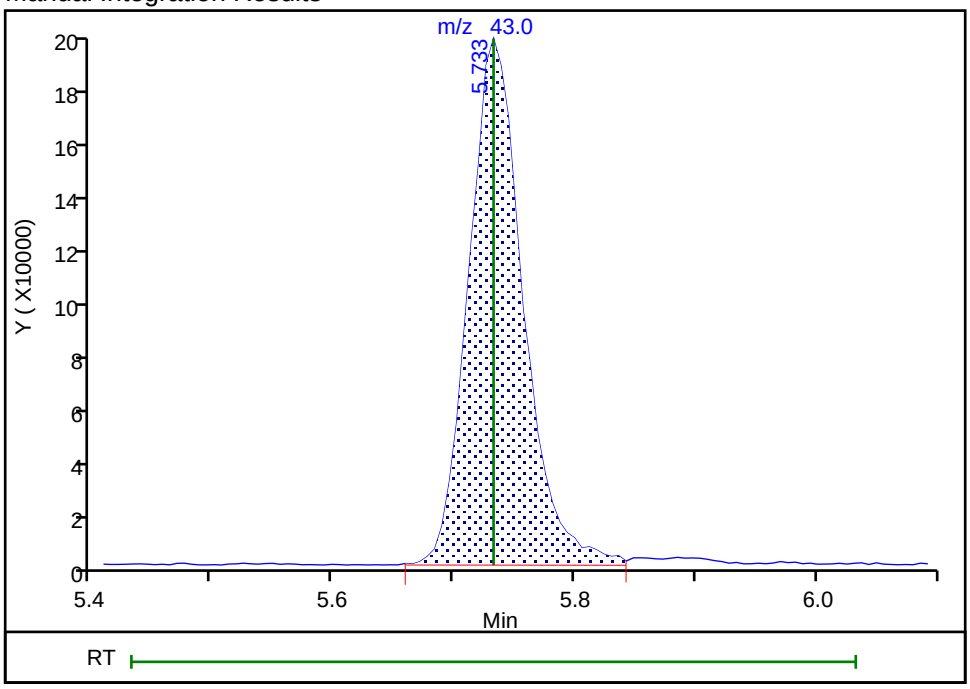
Not Detected
Expected RT: 5.73

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 604621
Amount: 102.6426
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:40:17
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-711297/13 Calibration Date: 07/25/2020 10:40

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D70145.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2210	0.1922		17.4	20.0	-13.0	30.0
1,1-Difluoroethane	Ave	0.2671	0.2387		17.9	20.0	-10.6	30.0
Dichlorodifluoromethane	Ave	0.8464	0.8233	0.1000	19.5	20.0	-2.7	30.0
Chloromethane	Ave	0.6908	0.7458	0.1000	21.6	20.0	8.0	30.0
Vinyl chloride	Ave	0.7464	0.7485	0.1000	20.1	20.0	0.3	30.0
Butadiene	Ave	0.6945	0.7084		20.4	20.0	2.0	30.0
Bromomethane	QuaF		0.1950	0.1000	31.2	20.0	55.8*	30.0
Chloroethane	Ave	0.3339	0.3304	0.1000	19.8	20.0	-1.0	30.0
Trichlorofluoromethane	Ave	0.7369	0.7382	0.1000	20.0	20.0	0.2	30.0
Dichlorofluoromethane	Ave	0.7568	0.7377		19.5	20.0	-2.5	30.0
Pentane	Ave	0.0891	0.0923		41.4	40.0	3.6	30.0
Ethanol	Ave	0.0586	0.0544		743	800	-7.2	30.0
Ethyl ether	Ave	0.2938	0.2983		20.3	20.0	1.5	30.0
2-Methyl-1,3-butadiene	Ave	0.3771	0.3781		20.1	20.0	0.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3450	0.3301		19.1	20.0	-4.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4325	0.4363	0.1000	20.2	20.0	0.9	30.0
Acrolein	Ave	1.263	0.7614		181	300	-39.7*	30.0
1,1-Dichloroethene	Ave	0.3792	0.3985	0.1000	21.0	20.0	5.1	30.0
Acetone	Lin2		0.9232	0.0500	96.9	100	-3.1	30.0
Iodomethane	Lin2		0.3371		13.8	20.0	-30.9*	30.0
Carbon disulfide	Ave	1.313	1.326	0.1000	20.2	20.0	1.0	30.0
Isopropyl alcohol	Ave	0.7526	0.6643		177	200	-11.7	30.0
Allyl chloride	Ave	0.2246	0.2174		19.4	20.0	-3.2	30.0
Cyclopentene	Ave	0.9332	0.9495		20.4	20.0	1.8	30.0
Methyl acetate	Ave	0.2169	0.2159	0.1000	39.8	40.0	-0.5	30.0
Acetonitrile	Ave	0.5986	0.5477		183	200	-8.5	30.0
Methylene Chloride	Ave	0.3930	0.4412	0.1000	22.5	20.0	12.3	30.0
2-Methyl-2-propanol	Ave	1.294	1.157		179	200	-10.6	30.0
Methyl tert-butyl ether	Ave	0.9520	0.9315	0.1000	19.6	20.0	-2.2	30.0
trans-1,2-Dichloroethene	Ave	0.3882	0.3919	0.1000	20.2	20.0	1.0	30.0
Acrylonitrile	Ave	3.297	3.022		183	200	-8.4	30.0
Hexane	Ave	0.5746	0.5703		19.8	20.0	-0.8	30.0
Isopropyl ether	Ave	0.9765	0.9361		19.2	20.0	-4.1	30.0
1,1-Dichloroethane	Ave	0.6327	0.6128	0.2000	19.4	20.0	-3.2	30.0
Vinyl acetate	Ave	0.0702	0.0614		35.0	40.0	-12.5	30.0
2-Chloro-1,3-butadiene	Ave	0.3494	0.3252		18.6	20.0	-6.9	30.0
Tert-butyl ethyl ether	Ave	0.9252	0.8825		19.1	20.0	-4.6	30.0
2,2-Dichloropropane	Ave	0.1739	0.1662		19.1	20.0	-4.4	30.0
cis-1,2-Dichloroethene	Ave	0.3834	0.3788	0.1000	19.8	20.0	-1.2	30.0
2-Butanone (MEK)	Ave	0.3875	0.3612	0.0500	93.2	100	-6.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-711297/13 Calibration Date: 07/25/2020 10:40

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D70145.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3316	0.2941		35.5	40.0	-11.3	30.0
Methyl acrylate	Ave	0.2350	0.2254		19.2	20.0	-4.1	30.0
Propionitrile	Ave	0.3824	0.3631		190	200	-5.1	30.0
Chlorobromomethane	Ave	0.1757	0.1720		19.6	20.0	-2.1	30.0
Tetrahydrofuran	Ave	0.3970	0.3723		37.5	40.0	-6.2	30.0
Methacrylonitrile	Ave	0.1201	0.1112		185	200	-7.5	30.0
Chloroform	Ave	0.5977	0.5611	0.2000	18.8	20.0	-6.1	30.0
Cyclohexane	Ave	0.5475	0.5233	0.1000	19.1	20.0	-4.4	30.0
1,1,1-Trichloroethane	Ave	0.5279	0.5105	0.1000	19.3	20.0	-3.3	30.0
Carbon tetrachloride	Ave	0.4638	0.4567	0.1000	19.7	20.0	-1.5	30.0
1,1-Dichloropropene	Ave	0.4791	0.4508		18.8	20.0	-5.9	30.0
Isobutyl alcohol	Ave	0.6959	0.5949		427	500	-14.5	30.0
Benzene	Ave	1.932	1.858	0.5000	19.2	20.0	-3.8	30.0
Tert-amyl methyl ether	Ave	0.2807	0.2691		19.2	20.0	-4.1	30.0
Isopropyl acetate	Ave	0.8254	0.7711		18.7	20.0	-6.6	30.0
1,2-Dichloroethane	Ave	0.4055	0.3730	0.1000	18.4	20.0	-8.0	30.0
n-Heptane	Ave	0.5135	0.4452		17.3	20.0	-13.3	30.0
n-Butanol	Ave	0.2808	0.2344		417	500	-16.5	30.0
Trichloroethene	Ave	0.3396	0.3239	0.2000	19.1	20.0	-4.6	30.0
Methylcyclohexane	Ave	0.6054	0.5824	0.1000	19.2	20.0	-3.8	30.0
Ethyl acrylate	Ave	0.3638	0.3428		18.8	20.0	-5.8	30.0
1,2-Dichloropropane	Ave	0.3023	0.2877	0.1000	19.0	20.0	-4.8	30.0
Methyl methacrylate	Ave	0.0785	0.0760		38.7	40.0	-3.2	30.0
1,4-Dioxane	Ave	1.267	1.286		406	400	1.5	30.0
Dibromomethane	Ave	0.1890	0.1777		18.8	20.0	-6.0	30.0
n-Propyl acetate	Ave	0.3507	0.3211		18.3	20.0	-8.4	30.0
Dichlorobromomethane	Ave	0.3989	0.3783	0.2000	19.0	20.0	-5.2	30.0
2-Nitropropane	Ave	0.0672	0.0601		35.8	40.0	-10.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1539	0.1514		19.7	20.0	-1.6	30.0
Epichlorohydrin	Ave	0.2473	0.2653		21.5	20.0	7.3	30.0
cis-1,3-Dichloropropene	Ave	0.6944	0.6421	0.2000	18.5	20.0	-7.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.289	2.103	0.0500	91.8	100	-8.2	30.0
Toluene	Ave	1.931	1.822	0.4000	18.9	20.0	-5.7	30.0
trans-1,3-Dichloropropene	Ave	0.6116	0.5423	0.1000	17.7	20.0	-11.3	30.0
Ethyl methacrylate	Ave	0.3261	0.3051		18.7	20.0	-6.5	30.0
1,1,2-Trichloroethane	Ave	0.3079	0.2945	0.1000	19.1	20.0	-4.3	30.0
Tetrachloroethene	Ave	0.5159	0.5005	0.2000	19.4	20.0	-3.0	30.0
1,3-Dichloropropane	Ave	0.5854	0.5507		18.8	20.0	-5.9	30.0
2-Hexanone	Ave	1.594	1.459	0.0500	91.5	100	-8.5	30.0
n-Butyl acetate	Ave	0.0980	0.0949		19.4	20.0	-3.2	30.0
Chlorodibromomethane	Ave	0.4306	0.4133	0.1000	19.2	20.0	-4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-711297/13 Calibration Date: 07/25/2020 10:40

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D70145.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3585	0.3503	0.1000	19.5	20.0	-2.3	30.0
Chlorobenzene	Ave	1.173	1.103	0.5000	18.8	20.0	-5.9	30.0
Ethylbenzene	Ave	0.6523	0.5995	0.1000	18.4	20.0	-8.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4253	0.3994		18.8	20.0	-6.1	30.0
m-Xylene & p-Xylene	Ave	0.7812	0.7368	0.1000	18.9	20.0	-5.7	30.0
n-Butyl acrylate	Ave	0.2747	0.2560		18.6	20.0	-6.8	30.0
o-Xylene	Ave	0.7365	0.6971	0.3000	18.9	20.0	-5.4	30.0
Styrene	Ave	1.269	1.221	0.3000	19.2	20.0	-3.8	30.0
Amyl acetate (mixed isomers)	Ave	1.035	0.9549		18.4	20.0	-7.8	30.0
Bromoform	Ave	0.2888	0.2733	0.1000	18.9	20.0	-5.4	30.0
Isopropylbenzene	Ave	1.906	1.846	0.1000	19.4	20.0	-3.1	30.0
Bromobenzene	Ave	0.9415	0.8955		19.0	20.0	-4.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8368	0.7744	0.3000	18.5	20.0	-7.5	30.0
N-Propylbenzene	Ave	4.335	4.106		18.9	20.0	-5.3	30.0
1,2,3-Trichloropropane	Ave	0.2440	0.2264		18.6	20.0	-7.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2442	0.2243		18.4	20.0	-8.1	30.0
2-Chlorotoluene	Ave	2.919	2.675		18.3	20.0	-8.4	30.0
4-Ethyltoluene	Ave	3.634	3.380		18.6	20.0	-7.0	30.0
1,3,5-Trimethylbenzene	Ave	3.036	2.831		18.7	20.0	-6.7	30.0
4-Chlorotoluene	Ave	2.617	2.385		18.2	20.0	-8.9	30.0
Butyl Methacrylate	Ave	0.9826	0.8988		18.3	20.0	-8.5	30.0
tert-Butylbenzene	Ave	2.622	2.544		19.4	20.0	-3.0	30.0
1,2,4-Trimethylbenzene	Ave	2.994	2.754		18.4	20.0	-8.0	30.0
sec-Butylbenzene	Ave	3.982	3.812		19.2	20.0	-4.2	30.0
4-Isopropyltoluene	Ave	3.364	3.196		19.0	20.0	-5.0	30.0
1,3-Dichlorobenzene	Ave	1.775	1.633	0.6000	18.4	20.0	-8.0	30.0
1,4-Dichlorobenzene	Ave	1.791	1.690	0.5000	18.9	20.0	-5.7	30.0
1,2,3-Trimethylbenzene	Ave	3.135	2.908		18.6	20.0	-7.2	30.0
Benzyl chloride	Ave	0.3236	0.2786		17.2	20.0	-13.9	30.0
Indan	Ave	1.168	1.088		18.6	20.0	-6.9	30.0
p-Diethylbenzene	Ave	1.979	1.873		18.9	20.0	-5.4	30.0
n-Butylbenzene	Ave	1.828	1.600		17.5	20.0	-12.5	30.0
1,2-Dichlorobenzene	Ave	1.696	1.528	0.4000	18.0	20.0	-9.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.952	2.677		18.1	20.0	-9.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1847	0.1782	0.0500	19.3	20.0	-3.5	30.0
1,3,5-Trichlorobenzene	Ave	1.348	1.202		17.8	20.0	-10.8	30.0
1,2,4-Trichlorobenzene	Ave	1.157	1.063	0.2000	18.4	20.0	-8.1	30.0
Hexachlorobutadiene	Ave	0.6893	0.6667		19.3	20.0	-3.3	30.0
Naphthalene	Ave	2.586	2.493		19.3	20.0	-3.6	30.0
1,2,3-Trichlorobenzene	Ave	1.085	1.023		18.9	20.0	-5.7	30.0
Dibromofluoromethane (Surr)	Ave	0.3091	0.3106		50.2	50.0	0.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-711297/13 Calibration Date: 07/25/2020 10:40

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D70145.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2992	0.2825		47.2	50.0	-5.6	30.0
Toluene-d8 (Surr)	Ave	1.461	1.470		50.3	50.0	0.6	30.0
4-Bromofluorobenzene	Ave	0.8687	0.9063		52.2	50.0	4.3	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70145.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 25-Jul-2020 10:40:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 460-0113878-013
Operator ID: Instrument ID: CVOAMS4
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jul-2020 01:01:31 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: parekhv Date: 25-Jul-2020 15:50:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	96	9917	20.0	10.7	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	90	47572	20.0	17.4	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	59093	20.0	17.9	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	203780	20.0	19.5	
5 Chlorodifluoromethane	51	1.412	1.406	0.006	97	144223	20.0	19.0	
6 Chloromethane	50	1.571	1.571	0.000	99	184597	20.0	21.6	
8 Vinyl chloride	62	1.662	1.662	0.000	98	185270	20.0	20.1	
7 Butadiene	54	1.693	1.693	0.000	97	175341	20.0	20.4	
9 Bromomethane	94	1.986	1.985	0.001	98	48261	20.0	31.2	
10 Chloroethane	64	2.089	2.089	0.000	100	81794	20.0	19.8	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	98	182734	20.0	20.0	
11 Dichlorofluoromethane	67	2.303	2.302	0.001	99	182600	20.0	19.5	
12 Pentane	72	2.351	2.357	-0.006	96	45717	40.0	41.4	
15 Ethanol	46	2.577	2.577	0.000	94	17600	800.0	742.6	
14 Ethyl ether	59	2.595	2.595	0.000	90	73830	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	2.601	2.607	-0.006	98	93590	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	85	81719	20.0	19.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.729	2.729	0.000	96	131181	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	97	108002	20.0	20.2	
19 Acrolein	56	2.790	2.790	0.000	97	92528	300.4	181.1	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	98644	20.0	21.0	
22 Acetone	43	2.943	2.943	0.000	87	110236	100.0	96.9	
23 Iodomethane	142	2.985	2.985	0.000	99	83442	20.0	13.8	
24 Carbon disulfide	76	3.016	3.016	0.000	99	328284	20.0	20.2	
25 Isopropyl alcohol	45	3.071	3.071	0.000	98	53743	200.0	176.5	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	88	53823	20.0	19.4	
28 Cyclopentene	67	3.217	3.217	0.000	95	235035	20.0	20.4	
27 Methyl acetate	43	3.229	3.229	0.000	98	106860	40.0	39.8	
29 Acetonitrile	40	3.290	3.290	0.000	98	44308	200.0	183.0	
30 Methylene Chloride	84	3.351	3.351	0.000	89	109210	20.0	22.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.375	3.375	0.000	0	404527	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	98	93602	200.0	178.8	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	96	230561	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.577	3.577	0.000	94	97008	20.0	20.2	
35 Acrylonitrile	53	3.674	3.674	0.000	94	244475	200.0	183.3	
36 Hexane	57	3.766	3.766	0.000	91	141165	20.0	19.8	
37 Isopropyl ether	45	4.034	4.034	0.000	97	231721	20.0	19.2	
38 1,1-Dichloroethane	63	4.052	4.058	-0.006	99	151673	20.0	19.4	
39 Vinyl acetate	86	4.095	4.095	0.000	99	30403	40.0	35.0	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	90	80496	20.0	18.6	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	218449	20.0	19.1	
43 2,2-Dichloropropane	79	4.650	4.643	0.007	95	41148	20.0	19.1	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	93	298523	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.686	0.000	98	93770	20.0	19.8	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	43125	100.0	93.2	
46 Ethyl acetate	70	4.741	4.741	0.000	98	14045	40.0	35.5	
47 Methyl acrylate	55	4.796	4.796	0.000	100	55804	20.0	19.2	
48 Propionitrile	54	4.875	4.875	0.000	98	86708	200.0	189.9	
50 Tetrahydrofuran	72	4.961	4.960	0.001	64	17784	40.0	37.5	
49 Chlorobromomethane	128	4.961	4.960	0.001	75	42568	20.0	19.6	
51 Methacrylonitrile	67	5.003	5.003	0.000	90	275128	200.0	185.0	
52 Chloroform	83	5.040	5.040	0.000	99	138887	20.0	18.8	
53 Cyclohexane	84	5.168	5.168	0.000	89	129525	20.0	19.1	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	98	126371	20.0	19.3	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	192184	50.0	50.2	
56 Carbon tetrachloride	117	5.332	5.332	0.000	97	113044	20.0	19.7	
57 1,1-Dichloropropene	75	5.381	5.381	0.000	97	111593	20.0	18.8	
58 Isobutyl alcohol	43	5.588	5.588	0.000	88	120330	500.0	427.5	
59 Benzene	78	5.619	5.619	0.000	95	307171	20.0	19.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	97	174813	50.0	47.2	
61 Tert-amyl methyl ether	87	5.723	5.723	0.000	91	66621	20.0	19.2	
62 Isopropyl acetate	43	5.729	5.729	0.000	99	190865	20.0	18.7	
63 1,2-Dichloroethane	62	5.741	5.741	0.000	98	92327	20.0	18.4	
64 n-Heptane	43	5.838	5.838	0.000	89	110199	20.0	17.3	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	618820	50.0	50.0	
66 n-Butanol	56	6.405	6.411	-0.006	86	47420	500.0	417.5	
67 Trichloroethene	95	6.418	6.418	0.000	97	80163	20.0	19.1	
68 Methylcyclohexane	83	6.558	6.558	0.000	87	144156	20.0	19.2	
69 Ethyl acrylate	55	6.600	6.600	0.000	96	84854	20.0	18.8	
70 1,2-Dichloropropane	63	6.771	6.771	0.000	91	71221	20.0	19.0	
* 71 1,4-Dioxane-d8	96	6.850	6.850	0.000	0	30621	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	83	37607	40.0	38.7	
73 1,4-Dioxane	88	6.917	6.917	0.000	89	15746	400.0	406.0	
74 Dibromomethane	93	6.917	6.924	-0.007	93	43986	20.0	18.8	
75 n-Propyl acetate	43	6.960	6.960	0.000	98	79473	20.0	18.3	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	93635	20.0	19.0	
77 2-Nitropropane	41	7.448	7.442	0.006	99	29750	40.0	35.8	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	91	37465	20.0	19.7	
79 Epichlorohydrin	57	7.551	7.551	0.000	97	6337	20.0	21.5	
80 cis-1,3-Dichloropropene	75	7.600	7.600	0.000	92	106139	20.0	18.5	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	95	251065	100.0	91.8	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	607326	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.887	0.000	93	301137	20.0	18.9	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	97	89633	20.0	17.7	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	75512	20.0	18.7	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	96	48678	20.0	19.1	
87 Tetrachloroethene	166	8.393	8.393	0.000	99	82732	20.0	19.4	
88 1,3-Dichloropropane	76	8.521	8.521	0.000	91	91024	20.0	18.8	
89 2-Hexanone	43	8.570	8.570	0.000	95	174166	100.0	91.5	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	15685	20.0	19.4	
91 Chlorodibromomethane	129	8.698	8.691	0.007	97	68321	20.0	19.2	
92 Ethylene Dibromide	107	8.801	8.801	0.000	99	57905	20.0	19.5	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	85	413238	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	182402	20.0	18.8	
95 Ethylbenzene	106	9.271	9.271	0.000	98	99087	20.0	18.4	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	95	66015	20.0	18.8	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	121782	20.0	18.9	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	42311	20.0	18.6	
99 o-Xylene	106	9.697	9.697	0.000	95	115231	20.0	18.9	
100 Styrene	104	9.722	9.722	0.000	96	201885	20.0	19.2	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	82929	20.0	18.4	
102 Bromoform	173	9.899	9.899	0.000	97	45172	20.0	18.9	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	305169	20.0	19.4	
$ 104 4-Bromofluorobenzene	174	10.142	10.142	0.000	0	196760	50.0	52.2	
105 Bromobenzene	156	10.258	10.258	0.000	91	77768	20.0	19.0	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.001	98	67251	20.0	18.5	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	356560	20.0	18.9	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	98	19662	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	88	19479	20.0	18.4	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	232338	20.0	18.3	
110 4-Ethyltoluene	105	10.386	10.386	0.000	98	293558	20.0	18.6	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	94	245831	20.0	18.7	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	207146	20.0	18.2	
114 Butyl Methacrylate	87	10.496	10.496	0.000	89	78054	20.0	18.3	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	220894	20.0	19.4	
116 1,2,4-Trimethylbenzene	105	10.716	10.715	0.001	97	239153	20.0	18.4	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	331091	20.0	19.2	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	277564	20.0	19.0	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	141834	20.0	18.4	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	93	217114	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	95	146739	20.0	18.9	
122 1,2,3-Trimethylbenzene	105	11.033	11.032	0.001	98	252579	20.0	18.6	
123 Benzyl chloride	126	11.130	11.130	0.000	99	24191	20.0	17.2	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	269201	20.0	18.6	
125 p-Diethylbenzene	119	11.209	11.209	0.000	94	162665	20.0	18.9	
126 n-Butylbenzene	92	11.234	11.228	0.006	96	138983	20.0	17.5	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	99	132675	20.0	18.0	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	98	232461	20.0	18.1	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	93	15472	20.0	19.3	
130 1,3,5-Trichlorobenzene	180	12.045	12.044	0.001	98	104401	20.0	17.8	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	92343	20.0	18.4	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	95	57903	20.0	19.3	
133 Naphthalene	128	12.922	12.922	0.000	99	216481	20.0	19.3	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	88878	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.2	
S 137 Xylenes, Total	100				0		40.0	37.8	
S 138 Total BTEX	1				0		100.0	94.3	

Reagents:

GAS C SP_00366	Amount Added:	2.00	Units: uL		
8260 SP_00127	Amount Added:	2.00	Units: uL		
ACROLEIN SP_00114	Amount Added:	3.00	Units: uL		
8FreonsSS_00022	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	

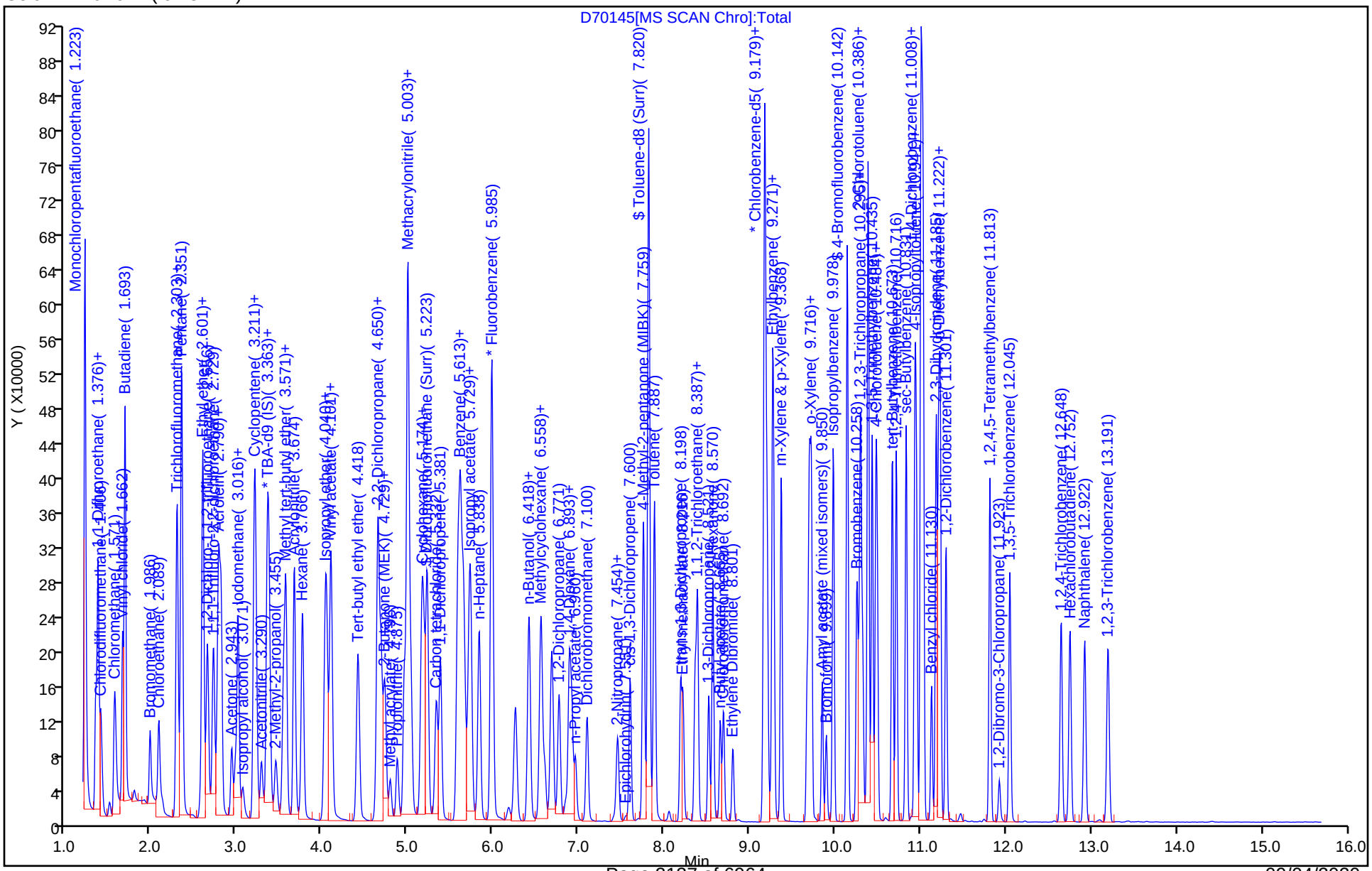
Report Date: 26-Jul-2020 01:01:44 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70145.D

Injection Date:	25-Jul-2020 10:40:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720741/2 Calibration Date: 08/31/2020 04:34

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D71881.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8464	0.7507	0.1000	17.7	20.0	-11.3	20.0
Chloromethane	Ave	0.6908	0.7140	0.1000	20.7	20.0	3.4	20.0
Vinyl chloride	Ave	0.7464	0.7477	0.1000	20.0	20.0	0.2	20.0
Butadiene	Ave	0.6945	0.6787		19.5	20.0	-2.3	20.0
Bromomethane	QuaF		0.3291	0.1000	53.4	20.0	167.2*	50.0
Chloroethane	Ave	0.3339	0.3600	0.1000	21.6	20.0	7.8	50.0
Trichlorofluoromethane	Ave	0.7369	0.7885	0.1000	21.4	20.0	7.0	20.0
Dichlorofluoromethane	Ave	0.7568	0.8744		23.1	20.0	15.5	20.0
Pentane	Ave	0.0891	0.0949		42.6	40.0	6.5	20.0
Ethanol	Ave	0.0586	0.0723		987	800	23.4	50.0
Ethyl ether	Ave	0.2938	0.3032		20.6	20.0	3.2	20.0
2-Methyl-1,3-butadiene	Ave	0.3771	0.4276		22.7	20.0	13.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4325	0.4681	0.1000	21.6	20.0	8.2	20.0
Acrolein	Ave	1.263	1.623		386	300	28.5	50.0
1,1-Dichloroethene	Ave	0.3792	0.4120	0.1000	21.7	20.0	8.6	20.0
Acetone	Lin2		0.9398	0.0500	98.7	100	-1.3	50.0
Iodomethane	Lin2		0.5336		21.6	20.0	8.1	20.0
Carbon disulfide	Ave	1.313	1.443	0.1000	22.0	20.0	9.9	50.0
Isopropyl alcohol	Ave	0.7526	0.8098		215	200	7.6	50.0
Allyl chloride	Ave	0.2246	0.2402		21.4	20.0	6.9	20.0
Cyclopentene	Ave	0.9332	1.064		22.8	20.0	14.1	20.0
Methyl acetate	Ave	0.2169	0.1945	0.1000	35.9	40.0	-10.3	20.0
Acetonitrile	Ave	0.5986	0.7908		264	200	32.1*	20.0
Methylene Chloride	Ave	0.3930	0.4079	0.1000	20.8	20.0	3.8	20.0
2-Methyl-2-propanol	Ave	1.294	1.304		202	200	0.8	50.0
Methyl tert-butyl ether	Ave	0.9520	0.8454	0.1000	17.8	20.0	-11.2	20.0
trans-1,2-Dichloroethene	Ave	0.3882	0.4208	0.1000	21.7	20.0	8.4	20.0
Acrylonitrile	Ave	3.297	4.327		262	200	31.2*	20.0
Hexane	Ave	0.5746	0.6587		22.9	20.0	14.6	20.0
Isopropyl ether	Ave	0.9765	1.032		21.1	20.0	5.7	20.0
1,1-Dichloroethane	Ave	0.6327	0.7006	0.2000	22.1	20.0	10.7	20.0
Vinyl acetate	Ave	0.0702	0.0569		32.4	40.0	-19.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3494	0.3628		20.8	20.0	3.8	20.0
Tert-butyl ethyl ether	Ave	0.9252	0.8585		18.6	20.0	-7.2	20.0
2,2-Dichloropropane	Ave	0.1739	0.1559		17.9	20.0	-10.4	20.0
cis-1,2-Dichloroethene	Ave	0.3834	0.3976	0.1000	20.7	20.0	3.7	20.0
2-Butanone (MEK)	Ave	0.3875	0.3681	0.0500	95.0	100	-5.0	50.0
Ethyl acetate	Ave	0.3316	0.3207		38.7	40.0	-3.3	20.0
Methyl acrylate	Ave	0.2350	0.2145		18.3	20.0	-8.7	20.0
Propionitrile	Ave	0.3824	0.4109		215	200	7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720741/2 Calibration Date: 08/31/2020 04:34

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D71881.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1757	0.1710		19.5	20.0	-2.7	20.0
Tetrahydrofuran	Ave	0.3970	0.3926		39.6	40.0	-1.1	20.0
Methacrylonitrile	Ave	0.1201	0.1055		176	200	-12.2	20.0
Chloroform	Ave	0.5977	0.6061	0.2000	20.3	20.0	1.4	20.0
Cyclohexane	Ave	0.5475	0.5835	0.1000	21.3	20.0	6.6	50.0
1,1,1-Trichloroethane	Ave	0.5279	0.5025	0.1000	19.0	20.0	-4.8	20.0
Carbon tetrachloride	Ave	0.4638	0.4402	0.1000	19.0	20.0	-5.1	20.0
1,1-Dichloropropene	Ave	0.4791	0.5202		21.7	20.0	8.6	20.0
Isobutyl alcohol	Ave	0.6959	0.8631		620	500	24.0	50.0
Benzene	Ave	1.932	2.200	0.5000	22.8	20.0	13.9	20.0
Tert-amyl methyl ether	Ave	0.2807	0.2250		16.0	20.0	-19.9	20.0
Isopropyl acetate	Ave	0.8254	0.6552		15.9	20.0	-20.6*	20.0
1,2-Dichloroethane	Ave	0.4055	0.3655	0.1000	18.0	20.0	-9.9	20.0
n-Heptane	Ave	0.5135	0.5582		21.7	20.0	8.7	20.0
n-Butanol	Ave	0.2808	0.2623		467	500	-6.6	50.0
Trichloroethene	Ave	0.3396	0.3487	0.2000	20.5	20.0	2.7	20.0
Methylcyclohexane	Ave	0.6054	0.6303	0.1000	20.8	20.0	4.1	50.0
Ethyl acrylate	Ave	0.3638	0.3132		17.2	20.0	-13.9	20.0
1,2-Dichloropropane	Ave	0.3023	0.3280	0.1000	21.7	20.0	8.5	20.0
Methyl methacrylate	Ave	0.0785	0.0625		31.8	40.0	-20.4*	20.0
1,4-Dioxane	Ave	1.267	1.524		481	400	20.3	50.0
Dibromomethane	Ave	0.1890	0.1747		18.5	20.0	-7.6	20.0
n-Propyl acetate	Ave	0.3507	0.3069		17.5	20.0	-12.5	20.0
Dichlorobromomethane	Ave	0.3989	0.3667	0.2000	18.4	20.0	-8.1	20.0
2-Nitropropane	Ave	0.0672	0.0364		21.7	40.0	-45.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.1539	0.1277		16.6	20.0	-17.0	20.0
Epichlorohydrin	Ave	0.2473	0.2532		410	400	2.4	20.0
cis-1,3-Dichloropropene	Ave	0.6944	0.7138	0.2000	20.6	20.0	2.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.289	2.323	0.0500	101	100	1.5	50.0
Toluene	Ave	1.931	2.048	0.4000	21.2	20.0	6.0	20.0
trans-1,3-Dichloropropene	Ave	0.6116	0.5696	0.1000	18.6	20.0	-6.9	50.0
Ethyl methacrylate	Ave	0.3261	0.2733		16.8	20.0	-16.2	20.0
1,1,2-Trichloroethane	Ave	0.3079	0.3144	0.1000	20.4	20.0	2.1	20.0
Tetrachloroethene	Ave	0.5159	0.5010	0.2000	19.4	20.0	-2.9	20.0
1,3-Dichloropropane	Ave	0.5854	0.6144		21.0	20.0	4.9	20.0
2-Hexanone	Ave	1.594	1.576	0.0500	98.9	100	-1.1	50.0
n-Butyl acetate	Ave	0.0980	0.0883		18.0	20.0	-9.9	20.0
Chlorodibromomethane	Ave	0.4306	0.3823	0.1000	17.8	20.0	-11.2	50.0
Ethylene Dibromide	Ave	0.3585	0.3486	0.1000	19.4	20.0	-2.8	20.0
Chlorobenzene	Ave	1.173	1.229	0.5000	21.0	20.0	4.8	20.0
Ethylbenzene	Ave	0.6523	0.6684	0.1000	20.5	20.0	2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720741/2 Calibration Date: 08/31/2020 04:34

Instrument ID: CVOAMS4 Calib Start Date: 07/25/2020 06:29

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/25/2020 08:48

Lab File ID: D71881.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.4253	0.3940		18.5	20.0	-7.4	20.0
m-Xylene & p-Xylene	Ave	0.7812	0.8200	0.1000	21.0	20.0	5.0	20.0
n-Butyl acrylate	Ave	0.2747	0.2227		16.2	20.0	-18.9	20.0
o-Xylene	Ave	0.7365	0.7653	0.3000	20.8	20.0	3.9	20.0
Styrene	Ave	1.269	1.273	0.3000	20.1	20.0	0.3	20.0
Amyl acetate (mixed isomers)	Ave	1.035	0.9773		18.9	20.0	-5.6	20.0
Bromoform	Ave	0.2888	0.2174	0.1000	15.1	20.0	-24.7*	20.0
Isopropylbenzene	Ave	1.906	2.076	0.1000	21.8	20.0	8.9	20.0
Bromobenzene	Ave	0.9415	0.9502		20.2	20.0	0.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8368	0.8529	0.3000	20.4	20.0	1.9	20.0
N-Propylbenzene	Ave	4.335	5.135		23.7	20.0	18.5	20.0
1,2,3-Trichloropropane	Ave	0.2440	0.2253		18.5	20.0	-7.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2442	0.2151		17.6	20.0	-11.9	20.0
4-Ethyltoluene	Ave	3.634	4.092		22.5	20.0	12.6	20.0
2-Chlorotoluene	Ave	2.919	3.300		22.6	20.0	13.0	20.0
1,3,5-Trimethylbenzene	Ave	3.036	3.448		22.7	20.0	13.6	20.0
4-Chlorotoluene	Ave	2.617	2.955		22.6	20.0	12.9	20.0
Butyl Methacrylate	Ave	0.9826	0.9094		18.5	20.0	-7.5	20.0
tert-Butylbenzene	Ave	2.622	2.984		22.8	20.0	13.8	20.0
1,2,4-Trimethylbenzene	Ave	2.994	3.325		22.2	20.0	11.1	20.0
sec-Butylbenzene	Ave	3.982	4.614		23.2	20.0	15.9	20.0
4-Isopropyltoluene	Ave	3.364	3.793		22.5	20.0	12.7	20.0
1,3-Dichlorobenzene	Ave	1.775	1.838	0.6000	20.7	20.0	3.5	20.0
1,4-Dichlorobenzene	Ave	1.791	1.891	0.5000	21.1	20.0	5.6	20.0
1,2,3-Trimethylbenzene	Ave	3.135	3.354		21.4	20.0	7.0	20.0
Benzyl chloride	Ave	0.3236	0.2425		15.0	20.0	-25.1	50.0
Indan	Ave	1.168	1.077		18.4	20.0	-7.8	20.0
p-Diethylbenzene	Ave	1.979	2.231		22.6	20.0	12.8	20.0
n-Butylbenzene	Ave	1.828	2.138		23.4	20.0	17.0	20.0
1,2-Dichlorobenzene	Ave	1.696	1.733	0.4000	20.4	20.0	2.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.952	3.099		21.0	20.0	5.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1847	0.1478	0.0500	16.0	20.0	-20.0	50.0
1,3,5-Trichlorobenzene	Ave	1.348	1.397		20.7	20.0	3.6	20.0
1,2,4-Trichlorobenzene	Ave	1.157	1.159	0.2000	20.0	20.0	0.2	20.0
Hexachlorobutadiene	Ave	0.6893	0.6018		17.5	20.0	-12.7	20.0
Naphthalene	Ave	2.586	2.434		18.8	20.0	-5.9	50.0
1,2,3-Trichlorobenzene	Ave	1.085	1.070		19.7	20.0	-1.4	20.0
Dibromofluoromethane (Surr)	Ave	0.3091	0.3124		50.5	50.0	1.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2992	0.2823		47.2	50.0	-5.7	20.0
Toluene-d8 (Surr)	Ave	1.461	1.581		54.1	50.0	8.3	20.0
4-Bromofluorobenzene	Ave	0.8687	0.8939		51.4	50.0	2.9	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71881.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 31-Aug-2020 04:34:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0116029-002
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub39

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:54:10 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 23:07:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.382	1.382	0.000	99	184872	20.0	17.7	
6 Chloromethane	50	1.565	1.565	0.000	99	175839	20.0	20.7	
8 Vinyl chloride	62	1.662	1.662	0.000	99	184151	20.0	20.0	
7 Butadiene	54	1.693	1.693	0.000	96	167157	20.0	19.5	
9 Bromomethane	94	1.985	1.985	0.000	98	81043	20.0	53.4	
10 Chloroethane	64	2.089	2.089	0.000	100	88656	20.0	21.6	
13 Trichlorofluoromethane	101	2.303	2.303	0.000	98	194197	20.0	21.4	
11 Dichlorofluoromethane	67	2.309	2.309	0.000	99	215339	20.0	23.1	
12 Pentane	72	2.357	2.357	0.000	97	46747	40.0	42.6	
15 Ethanol	46	2.577	2.577	0.000	93	15611	800.0	987.2	
14 Ethyl ether	59	2.601	2.601	0.000	95	74665	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	2.607	2.607	0.000	96	105297	20.0	22.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	95	115273	20.0	21.6	
19 Acrolein	56	2.796	2.796	0.000	96	131444	300.0	385.5	
21 1,1-Dichloroethene	96	2.821	2.821	0.000	97	101473	20.0	21.7	
22 Acetone	43	2.943	2.943	0.000	88	96358	100.0	98.7	
23 Iodomethane	142	2.991	2.991	0.000	98	131404	20.0	21.6	
24 Carbon disulfide	76	3.016	3.016	0.000	99	355402	20.0	22.0	
25 Isopropyl alcohol	45	3.071	3.071	0.000	98	43715	200.0	215.2	
26 3-Chloro-1-propene	76	3.205	3.205	0.000	93	59148	20.0	21.4	
28 Cyclopentene	67	3.217	3.217	0.000	94	262159	20.0	22.8	
27 Methyl acetate	43	3.235	3.235	0.000	99	95778	40.0	35.9	
29 Acetonitrile	40	3.290	3.290	0.000	98	42686	200.0	264.2	
30 Methylene Chloride	84	3.357	3.357	0.000	93	100454	20.0	20.8	
* 31 TBA-d9 (IS)	65	3.375	3.375	0.000	0	269898	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.461	3.461	0.000	98	70402	200.0	201.6	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	97	208206	20.0	17.8	
34 trans-1,2-Dichloroethene	96	3.583	3.583	0.000	95	103630	20.0	21.7	
35 Acrylonitrile	53	3.674	3.674	0.000	94	233557	200.0	262.4	
36 Hexane	57	3.772	3.772	0.000	91	162213	20.0	22.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 Isopropyl ether	45	4.040	4.040	0.000	98	254209	20.0	21.1	
38 1,1-Dichloroethane	63	4.058	4.058	0.000	99	172529	20.0	22.1	
39 Vinyl acetate	86	4.101	4.101	0.000	99	28005	40.0	32.4	
40 2-Chloro-1,3-butadiene	88	4.113	4.113	0.000	89	89348	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.424	4.424	0.000	90	211428	20.0	18.6	
43 2,2-Dichloropropane	79	4.650	4.650	0.000	96	38386	20.0	17.9	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	94	256327	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.692	4.692	0.000	99	97928	20.0	20.7	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	37740	100.0	95.0	
46 Ethyl acetate	70	4.747	4.747	0.000	98	13151	40.0	38.7	
47 Methyl acrylate	55	4.802	4.802	0.000	100	52830	20.0	18.3	
48 Propionitrile	54	4.881	4.881	0.000	98	84263	200.0	214.9	
50 Tetrahydrofuran	72	4.967	4.967	0.000	56	16101	40.0	39.6	
49 Chlorobromomethane	128	4.967	4.967	0.000	85	42112	20.0	19.5	
51 Methacrylonitrile	67	5.003	5.003	0.000	90	259765	200.0	175.6	
52 Chloroform	83	5.040	5.040	0.000	99	149272	20.0	20.3	
53 Cyclohexane	84	5.168	5.168	0.000	90	143712	20.0	21.3	
54 1,1,1-Trichloroethane	97	5.198	5.198	0.000	99	123751	20.0	19.0	
$ 55 Dibromofluoromethane (Surr)	113	5.235	5.235	0.000	97	192348	50.0	50.5	
56 Carbon tetrachloride	117	5.338	5.338	0.000	97	108410	20.0	19.0	
57 1,1-Dichloropropene	75	5.387	5.387	0.000	99	128105	20.0	21.7	
58 Isobutyl alcohol	43	5.595	5.595	0.000	92	116469	500.0	620.1	
59 Benzene	78	5.625	5.625	0.000	95	341985	20.0	22.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.656	5.656	0.000	97	173782	50.0	47.2	
61 Tert-amyl methyl ether	87	5.729	5.729	0.000	92	55407	20.0	16.0	
62 Isopropyl acetate	43	5.735	5.735	0.000	98	161370	20.0	15.9	
63 1,2-Dichloroethane	62	5.747	5.747	0.000	95	90022	20.0	18.0	
64 n-Heptane	43	5.838	5.838	0.000	91	137463	20.0	21.7	
* 65 Fluorobenzene	96	5.991	5.991	0.000	99	615687	50.0	50.0	
66 n-Butanol	56	6.411	6.411	0.000	88	35402	500.0	467.1	
67 Trichloroethene	95	6.424	6.424	0.000	99	85883	20.0	20.5	
68 Methylcyclohexane	83	6.564	6.564	0.000	90	155238	20.0	20.8	
69 Ethyl acrylate	55	6.607	6.607	0.000	97	77142	20.0	17.2	
70 1,2-Dichloropropane	63	6.777	6.777	0.000	94	80779	20.0	21.7	
* 71 1,4-Dioxane-d8	96	6.856	6.856	0.000	0	23750	1000.0	1000.0	
72 Methyl methacrylate	100	6.899	6.899	0.000	87	30768	40.0	31.8	
73 1,4-Dioxane	88	6.917	6.917	0.000	93	14477	400.0	481.2	
74 Dibromomethane	93	6.924	6.924	0.000	97	43024	20.0	18.5	
75 n-Propyl acetate	43	6.966	6.966	0.000	98	75590	20.0	17.5	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	90299	20.0	18.4	
77 2-Nitropropane	41	7.448	7.448	0.000	96	17937	40.0	21.7	
78 2-Chloroethyl vinyl ether	63	7.466	7.466	0.000	94	31524	20.0	16.6	
79 Epichlorohydrin	57	7.558	7.558	0.000	98	103826	400.0	409.5	
80 cis-1,3-Dichloropropene	75	7.606	7.606	0.000	89	110972	20.0	20.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.765	7.765	0.000	95	238191	100.0	101.5	
$ 82 Toluene-d8 (Surr)	98	7.826	7.826	0.000	99	614599	50.0	54.1	
83 Toluene	91	7.893	7.893	0.000	93	318359	20.0	21.2	
84 trans-1,3-Dichloropropene	75	8.198	8.198	0.000	98	88554	20.0	18.6	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	67311	20.0	16.8	
86 1,1,2-Trichloroethane	83	8.368	8.368	0.000	96	48873	20.0	20.4	
87 Tetrachloroethene	166	8.393	8.393	0.000	96	77881	20.0	19.4	
88 1,3-Dichloropropane	76	8.527	8.527	0.000	90	95510	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 2-Hexanone	43	8.576	8.576	0.000	95	161637	100.0	98.9	
90 n-Butyl acetate	73	8.661	8.661	0.000	98	13726	20.0	18.0	
91 Chlorodibromomethane	129	8.698	8.698	0.000	98	59438	20.0	17.8	
92 Ethylene Dibromide	107	8.807	8.807	0.000	98	54197	20.0	19.4	
* 93 Chlorobenzene-d5	117	9.185	9.185	0.000	86	388650	50.0	50.0	
94 Chlorobenzene	112	9.210	9.210	0.000	96	191117	20.0	21.0	
95 Ethylbenzene	106	9.271	9.271	0.000	98	103912	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	9.289	9.289	0.000	96	61259	20.0	18.5	
97 m-Xylene & p-Xylene	106	9.374	9.374	0.000	100	127471	20.0	21.0	
98 n-Butyl acrylate	73	9.679	9.679	0.000	97	34626	20.0	16.2	
99 o-Xylene	106	9.703	9.703	0.000	94	118975	20.0	20.8	
100 Styrene	104	9.728	9.728	0.000	96	197847	20.0	20.1	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	92	74857	20.0	18.9	
102 Bromoform	173	9.899	9.899	0.000	95	33801	20.0	15.1	
103 Isopropylbenzene	105	9.984	9.984	0.000	95	322717	20.0	21.8	
$ 104 4-Bromofluorobenzene	174	10.149	10.149	0.000	0	171172	50.0	51.4	
105 Bromobenzene	156	10.258	10.258	0.000	98	72784	20.0	20.2	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.000	99	65332	20.0	20.4	
107 N-Propylbenzene	91	10.301	10.301	0.000	99	393305	20.0	23.7	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	96	17255	20.0	18.5	
109 trans-1,4-Dichloro-2-butene	53	10.331	10.331	0.000	83	16473	20.0	17.6	
110 4-Ethyltoluene	105	10.386	10.386	0.000	99	313445	20.0	22.5	
111 2-Chlorotoluene	91	10.392	10.392	0.000	97	252733	20.0	22.6	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	264103	20.0	22.7	
113 4-Chlorotoluene	91	10.484	10.484	0.000	97	226315	20.0	22.6	
114 Butyl Methacrylate	87	10.496	10.496	0.000	89	69658	20.0	18.5	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	228561	20.0	22.8	
116 1,2,4-Trimethylbenzene	105	10.722	10.722	0.000	97	254701	20.0	22.2	
117 sec-Butylbenzene	105	10.837	10.837	0.000	99	353412	20.0	23.2	
118 4-Isopropyltoluene	119	10.941	10.941	0.000	98	290553	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.959	10.959	0.000	96	140808	20.0	20.7	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	95	191489	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	94	144856	20.0	21.1	
122 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	98	256877	20.0	21.4	
123 Benzyl chloride	126	11.130	11.130	0.000	99	18575	20.0	15.0	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	265185	20.0	18.4	
125 p-Diethylbenzene	119	11.215	11.215	0.000	93	170920	20.0	22.6	
126 n-Butylbenzene	92	11.234	11.234	0.000	96	163797	20.0	23.4	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	97	132734	20.0	20.4	
128 1,2,4,5-Tetramethylbenzene	119	11.819	11.819	0.000	97	237398	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	11.929	11.929	0.000	96	11320	20.0	16.0	
130 1,3,5-Trichlorobenzene	180	12.051	12.051	0.000	97	107000	20.0	20.7	
131 1,2,4-Trichlorobenzene	180	12.654	12.654	0.000	94	88805	20.0	20.0	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	91	46099	20.0	17.5	
133 Naphthalene	128	12.928	12.928	0.000	99	186438	20.0	18.8	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	96	81925	20.0	19.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.2	
S 137 Xylenes, Total	100				0		40.0	41.8	
S 138 Total BTEX	1				0		100.0	106.2	

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

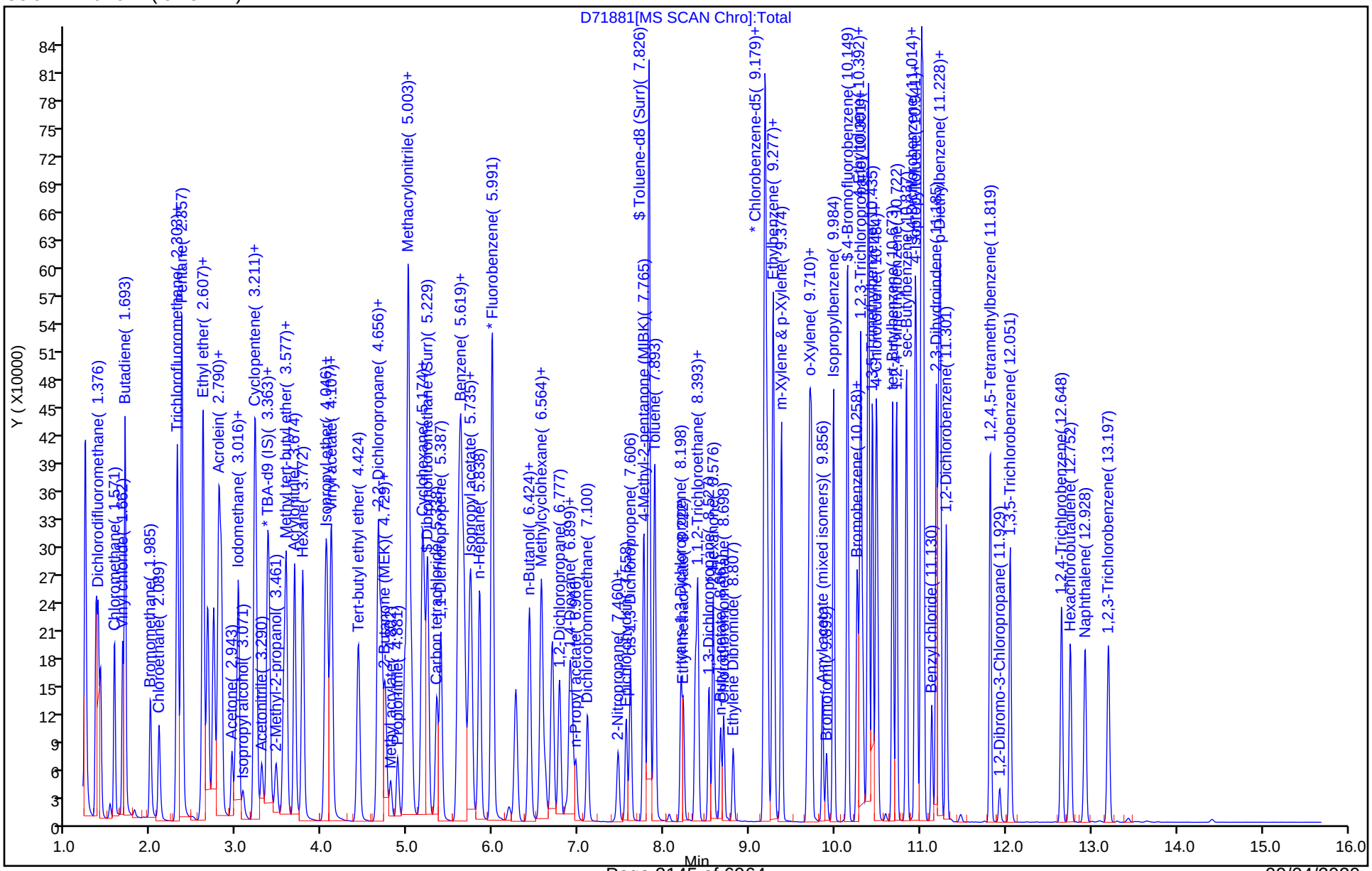
Report Date: 02-Sep-2020 13:54:12 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71881.D

Injection Date:	31-Aug-2020 04:34:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716277/1020 Calibration Date: 08/13/2020 14:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E15862-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.6489	0.8877		1370	1000	36.8*	30.0
Dichlorodifluoromethane	Ave	0.3947	0.4219	0.1000	1070	1000	6.9	30.0
1,1-Difluoroethane	Ave	0.1038	0.1379		1330	1000	32.9*	30.0
Chlorodifluoromethane	Ave	0.0573	0.0611		1070	1000	6.5	30.0
Vinyl chloride	Ave	0.3817	0.4139	0.1000	1080	1000	8.4	30.0
Butadiene	Lin2		0.3733		1150	1000	14.6	30.0
Chloromethane	Ave	0.4736	0.5119	0.1000	1080	1000	8.1	30.0
Bromomethane	Ave	0.2403	0.2938	0.1000	1220	1000	22.3	30.0
Chloroethane	Ave	2.193	2.397	0.1000	1090	1000	9.3	30.0
Pentane	Ave	0.3944	0.2934		1490	2000	-25.6	30.0
Trichlorofluoromethane	Ave	0.4882	0.5432	0.1000	1110	1000	11.3	30.0
Dichlorofluoromethane	Ave	0.5460	0.5818		1070	1000	6.6	30.0
2-Methyl-1,3-butadiene	Ave	0.4722	0.4000		847	1000	-15.3	30.0
Ethyl ether	Ave	0.2760	0.2866		1040	1000	3.8	30.0
Ethanol	Ave	0.1108	0.1055		38100	40000	-4.8	30.0
1,1-Dichloroethene	Ave	0.3157	0.3264	0.1000	1030	1000	3.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4390	0.4209		959	1000	-4.1	30.0
Carbon disulfide	Ave	0.9928	1.026	0.1000	1030	1000	3.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2597	0.2589	0.1000	997	1000	-0.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4839	0.4423		914	1000	-8.6	30.0
Iodomethane	Ave	0.4322	0.3645		843	1000	-15.7	30.0
Cyclopentene	Ave	0.7692	0.6711		872	1000	-12.8	30.0
Acrolein	Ave	0.6018	0.1669		556	2000	-72.3*	30.0
Allyl chloride	Ave	0.2024	0.1919		948	1000	-5.2	30.0
Isopropyl alcohol	Ave	0.6208	0.5085		8190	10000	-18.1	30.0
Methylene Chloride	Ave	0.3782	0.4075	0.1000	1080	1000	7.7	30.0
Acetone	Ave	0.3005	0.2770	0.0500	4610	5000	-7.8	30.0
trans-1,2-Dichloroethene	Ave	0.3655	0.3751	0.1000	1030	1000	2.6	30.0
Methyl acetate	Ave	2.090	2.136	0.1000	2040	2000	2.2	30.0
Hexane	Ave	1.394	1.213		870	1000	-13.0	30.0
Methyl tert-butyl ether	Ave	1.038	1.047	0.1000	1010	1000	0.9	30.0
2-Methyl-2-propanol	Ave	1.242	1.220		9820	10000	-1.8	30.0
Acetonitrile	Ave	1.153	0.9348		8110	10000	-18.9	30.0
Isopropyl ether	Ave	0.9141	0.8071		883	1000	-11.7	30.0
2-Chloro-1,3-butadiene	Ave	0.3166	0.2606		823	1000	-17.7	30.0
1,1-Dichloroethane	Ave	0.6018	0.6049	0.2000	1010	1000	0.5	30.0
Acrylonitrile	Ave	0.1144	0.1133		9900	10000	-1.0	30.0
Tert-butyl ethyl ether	Ave	0.9735	0.8473		870	1000	-13.0	30.0
Vinyl acetate	Ave	0.7567	0.4274		1130	2000	-43.5*	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716277/1020 Calibration Date: 08/13/2020 14:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E15862-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3618	0.3519	0.1000	973	1000	-2.7	30.0
2,2-Dichloropropane	Ave	0.4399	0.3687		838	1000	-16.2	30.0
Cyclohexane	Ave	0.2730	0.2716	0.1000	995	1000	-0.5	30.0
Chlorobromomethane	Ave	0.1792	0.1703		950	1000	-5.0	30.0
Chloroform	Ave	0.5766	0.5728	0.2000	993	1000	-0.7	30.0
Carbon tetrachloride	Ave	0.3543	0.3503	0.1000	989	1000	-1.1	30.0
Ethyl acetate	Ave	0.3812	0.3345		1760	2000	-12.2	30.0
Methyl acrylate	Ave	0.2383	0.2150		903	1000	-9.7	30.0
Tetrahydrofuran	Ave	1.161	1.101		1900	2000	-5.1	30.0
1,1,1-Trichloroethane	Ave	0.4597	0.4667	0.1000	1020	1000	1.5	30.0
1,1-Dichloropropene	Ave	0.4316	0.3899		903	1000	-9.7	30.0
2-Butanone (MEK)	Ave	0.4413	0.4064	0.0500	4600	5000	-7.9	30.0
2,2,4-Trimethylpentane	Lin2		0.3340		906	1000	-9.4	30.0
n-Heptane	Ave	0.0963	0.0998		1040	1000	3.7	30.0
Benzene	Ave	1.492	1.510	0.5000	1010	1000	1.2	30.0
Propionitrile	Ave	1.400	1.183		8450	10000	-15.5	30.0
Methacrylonitrile	Ave	0.1306	0.1142		8740	10000	-12.6	30.0
Tert-amyl methyl ether	Ave	0.9187	0.8309		904	1000	-9.6	30.0
1,2-Dichloroethane	Ave	0.4365	0.4398	0.1000	1010	1000	0.8	30.0
Isobutyl alcohol	Ave	0.3600	0.3766		26200	25000	4.6	30.0
Isopropyl acetate	Ave	0.4936	0.4429		897	1000	-10.3	30.0
Methylcyclohexane	Ave	0.2332	0.2273	0.1000	975	1000	-2.5	30.0
Trichloroethene	Ave	0.3150	0.3196	0.2000	1010	1000	1.5	30.0
Dibromomethane	Ave	0.2130	0.2097		984	1000	-1.6	30.0
n-Butanol	Qua2		0.1923		20900	25000	-16.2	30.0
1,2-Dichloropropane	Ave	0.3003	0.3068	0.1000	1020	1000	2.1	30.0
Dichlorobromomethane	Ave	0.4159	0.4308	0.2000	1040	1000	3.6	30.0
Ethyl acrylate	Ave	0.3386	0.3091		913	1000	-8.7	30.0
Methyl methacrylate	Ave	0.0894	0.0854		1910	2000	-4.5	30.0
1,4-Dioxane	Ave	1.206	1.261		20900	20000	4.6	30.0
n-Propyl acetate	Ave	0.3533	0.3027		857	1000	-14.3	30.0
2-Chloroethyl vinyl ether	Ave	0.1877	0.1806		962	1000	-3.8	30.0
cis-1,3-Dichloropropene	Ave	0.5736	0.5748	0.2000	1000	1000	0.2	30.0
Toluene	Ave	1.567	1.576	0.4000	1010	1000	0.5	30.0
Epichlorohydrin	Ave	0.2657	0.2004		754	1000	-24.6	30.0
2-Nitropropane	Ave	2.274	1.575		1390	2000	-30.7*	30.0
Tetrachloroethene	Ave	0.2543	0.2608	0.2000	1030	1000	2.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.687	2.640	0.0500	4910	5000	-1.8	30.0
trans-1,3-Dichloropropene	Ave	0.5315	0.4958	0.1000	933	1000	-6.7	30.0
1,1,2-Trichloroethane	Ave	0.2796	0.2942	0.1000	1050	1000	5.2	30.0
Ethyl methacrylate	Ave	0.4568	0.4570		1000	1000	0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716277/1020 Calibration Date: 08/13/2020 14:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E15862-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3544	0.3698	0.1000	1040	1000	4.3	30.0
1,3-Dichloropropane	Ave	0.5683	0.5883		1040	1000	3.5	30.0
Ethylene Dibromide	Ave	0.3571	0.3556	0.1000	996	1000	-0.4	30.0
n-Butyl acetate	Ave	0.4359	0.3841		881	1000	-11.9	30.0
2-Hexanone	Ave	1.868	1.859	0.0500	4970	5000	-0.5	30.0
Chlorobenzene	Ave	0.9693	0.9859	0.5000	1020	1000	1.7	30.0
Ethylbenzene	Ave	0.4335	0.4658	0.1000	1070	1000	7.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3028	0.3066		1010	1000	1.3	30.0
m-Xylene & p-Xylene	Ave	0.5254	0.5440	0.1000	1040	1000	3.5	30.0
o-Xylene	Ave	0.5377	0.5716	0.3000	1060	1000	6.3	30.0
Bromoform	Ave	0.5568	0.5467	0.1000	982	1000	-1.8	30.0
Styrene	Ave	0.9545	1.005	0.3000	1050	1000	5.3	30.0
n-Butyl acrylate	Qua2		0.1923		968	1000	-3.2	30.0
Isopropylbenzene	Ave	1.049	1.100	0.1000	1050	1000	4.9	30.0
Amyl acetate (mixed isomers)	Ave	1.194	1.044		874	1000	-12.6	30.0
Bromobenzene	Ave	1.033	1.023		991	1000	-0.9	30.0
N-Propylbenzene	Ave	3.015	2.969		985	1000	-1.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.119	1.110	0.3000	993	1000	-0.7	30.0
2-Chlorotoluene	Ave	2.492	2.472		992	1000	-0.8	30.0
4-Ethyltoluene	Ave	2.463	2.204		895	1000	-10.5	30.0
1,2,3-Trichloropropane	Ave	0.3586	0.3811		1060	1000	6.3	30.0
1,3,5-Trimethylbenzene	Ave	1.940	2.008		1030	1000	3.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4387	0.3900		889	1000	-11.1	30.0
4-Chlorotoluene	Ave	2.396	2.465		1030	1000	2.9	30.0
tert-Butylbenzene	Ave	1.663	1.613		970	1000	-3.0	30.0
1,2,4-Trimethylbenzene	Ave	1.986	1.992		1000	1000	0.3	30.0
Butyl Methacrylate	Qua2		0.6972		909	1000	-9.1	30.0
sec-Butylbenzene	Ave	2.290	2.256		985	1000	-1.5	30.0
1,3-Dichlorobenzene	Ave	1.462	1.419	0.6000	970	1000	-3.0	30.0
4-Isopropyltoluene	Ave	1.801	1.807		1000	1000	0.3	30.0
1,4-Dichlorobenzene	Ave	1.556	1.547	0.5000	994	1000	-0.6	30.0
1,2,3-Trimethylbenzene	Ave	2.160	1.940		898	1000	-10.2	30.0
Indan	Ave	2.753	2.429		882	1000	-11.8	30.0
Benzyl chloride	Lin		0.1892		457	1000	-54.3*	30.0
p-Diethylbenzene	Ave	0.8452	0.7380		873	1000	-12.7	30.0
n-Butylbenzene	Ave	0.7586	0.7751		1020	1000	2.2	30.0
1,2-Dichlorobenzene	Ave	1.540	1.550	0.4000	1010	1000	0.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.824	1.679		921	1000	-7.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2401	0.2484	0.0500	1030	1000	3.5	30.0
1,3,5-Trichlorobenzene	Ave	0.6651	0.6049		909	1000	-9.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6506	0.6750	0.2000	1040	1000	3.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716277/1020 Calibration Date: 08/13/2020 14:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E15862-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.2930	0.3296		1120	1000	12.5	30.0
Naphthalene	Ave	2.547	2.973		1170	1000	16.7	30.0
1,2,3-Trichlorobenzene	Ave	0.6429	0.7206		1120	1000	12.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2830	0.2811		2480	2500	-0.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3342	0.3380		2530	2500	1.1	30.0
Toluene-d8 (Surr)	Ave	1.244	1.280		2570	2500	2.9	30.0
4-Bromofluorobenzene	Ave	0.3161	0.3278		2590	2500	3.7	30.0

Eurofins Environment Testing America
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15862-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-Aug-2020 14:02:30 ALS Bottle#: 19 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0114977-020
Operator ID: Instrument ID: CVOAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 14:19:51 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: boykink Date: 13-Aug-2020 20:21:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.715	0.715	0.000	51	3541	20.0	9.17	
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	19288	20.0	27.4	
3 Dichlorodifluoromethane	85	0.781	0.781	0.000	98	93277	20.0	21.4	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	99	30499	20.0	26.6	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	97	13500	20.0	21.3	
7 Vinyl chloride	62	0.904	0.904	0.000	98	91521	20.0	21.7	
8 Butadiene	54	0.912	0.912	0.000	92	82541	20.0	22.9	
6 Chloromethane	50	0.912	0.912	0.000	99	113178	20.0	21.6	
9 Bromomethane	94	1.060	1.060	0.000	99	64956	20.0	24.5	
10 Chloroethane	64	1.118	1.118	0.000	99	52072	20.0	21.9	
12 Pentane	72	1.184	1.184	0.000	96	12748	40.0	29.8	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	97	120107	20.0	22.3	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	128637	20.0	21.3	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	94	88441	20.0	16.9	
15 Ethyl ether	59	1.340	1.340	0.000	93	63363	20.0	20.8	
16 Ethanol	45	1.431	1.431	0.000	23	27864	800.0	761.5	a
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.439	1.439	0.000	74	93065	20.0	19.2	M
17 1,1-Dichloroethene	96	1.439	1.439	0.000	96	72169	20.0	20.7	
19 Carbon disulfide	76	1.455	1.455	0.000	99	226796	20.0	20.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	94	57253	20.0	19.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.472	1.472	0.000	95	97790	20.0	18.3	
22 Iodomethane	142	1.521	1.513	0.008	99	80599	20.0	16.9	
23 Cyclopentene	67	1.595	1.595	0.000	95	148378	20.0	17.4	
24 Acrolein	56	1.628	1.628	0.000	84	2208	40.1	11.1	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	88	42439	20.0	19.0	
26 Isopropyl alcohol	45	1.727	1.727	0.000	98	33585	200.0	163.8	
27 Methylene Chloride	84	1.752	1.752	0.000	87	90094	20.0	21.5	
28 Acetone	58	1.785	1.785	0.000	87	30088	100.0	92.2	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	91	82949	20.0	20.5	
30 Methyl acetate	74	1.859	1.859	0.000	98	28217	40.0	40.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.883	1.883	0.000	73	8012	20.0	17.4	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	94	231563	20.0	20.2	
* 33 TBA-d9 (IS)	65	1.941	1.941	0.000	99	330258	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.982	1.982	0.000	99	80560	200.0	196.5	
35 Acetonitrile	41	2.056	2.056	0.000	99	61742	200.0	162.1	
36 Isopropyl ether	45	2.138	2.138	0.000	95	178456	20.0	17.7	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	89	57624	20.0	16.5	
38 1,1-Dichloroethane	63	2.204	2.204	0.000	99	133755	20.0	20.1	
39 Acrylonitrile	53	2.245	2.245	0.000	95	250447	200.0	198.1	
40 Tert-butyl ethyl ether	59	2.369	2.369	0.000	90	187341	20.0	17.4	
41 Vinyl acetate	86	2.377	2.377	0.000	99	18571	40.0	22.6	
42 cis-1,2-Dichloroethene	96	2.558	2.550	0.008	98	77810	20.0	19.5	
43 2,2-Dichloropropane	77	2.624	2.624	0.000	96	81529	20.0	16.8	
44 Cyclohexane	56	2.673	2.673	0.000	87	60053	20.0	19.9	
45 Chlorobromomethane	128	2.690	2.690	0.000	81	37659	20.0	19.0	
46 Chloroform	83	2.747	2.747	0.000	99	126651	20.0	19.9	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	77444	20.0	19.8	
49 Ethyl acetate	70	2.854	2.854	0.000	96	14536	40.0	35.1	
48 Methyl acrylate	55	2.854	2.854	0.000	60	47546	20.0	18.1	
50 Tetrahydrofuran	42	2.863	2.863	0.000	91	47859	40.0	38.0	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	97	103201	20.0	20.3	
$ 51 Dibromofluoromethane (Surr)	113	2.879	2.879	0.000	96	155365	50.0	49.7	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	271588	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	97	86202	20.0	18.1	
55 2-Butanone (MEK)	72	2.986	2.986	0.000	100	44153	100.0	92.1	
56 Isooctane	57	3.060	3.060	0.000	100	73855	20.0	18.1	
57 n-Heptane	57	3.143	3.142	0.000	91	22067	20.0	20.7	
58 Benzene	78	3.159	3.159	0.000	95	274618	20.0	20.2	
59 Propionitrile	54	3.200	3.200	0.000	97	78132	200.0	168.9	
60 Methacrylonitrile	67	3.217	3.217	0.000	88	252567	200.0	174.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	186841	50.0	50.6	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	88	183712	20.0	18.1	
63 1,2-Dichloroethane	62	3.332	3.332	0.000	97	97254	20.0	20.2	
64 Isobutyl alcohol	43	3.406	3.406	0.000	96	62190	500.0	523.0	
65 t-Amyl alcohol	59	3.480	3.480	0.000	96	45049	200.0	168.8	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	552774	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	97929	20.0	17.9	
68 Methylcyclohexane	83	3.620	3.620	0.000	93	50254	20.0	19.5	
69 Trichloroethene	95	3.645	3.644	0.000	98	70673	20.0	20.3	
70 2-ethoxy-2-methyl butane	59	3.891	3.891	0.000	99	137415	20.0	17.3	
71 Dibromomethane	93	4.015	4.015	0.000	97	46356	20.0	19.7	
72 n-Butanol	56	4.040	4.039	0.001	89	31747	500.0	418.9	
73 1,2-Dichloropropane	63	4.114	4.105	0.009	89	67830	20.0	20.4	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	95245	20.0	20.7	
75 Ethyl acrylate	55	4.188	4.188	0.000	96	68344	20.0	18.3	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	42	34521	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	83	37763	40.0	38.2	
78 1,4-Dioxane	88	4.402	4.402	0.000	90	17417	400.0	418.4	
79 n-Propyl acetate	43	4.542	4.542	0.000	96	66920	20.0	17.1	
80 2-Chloroethyl vinyl ether	63	4.805	4.805	0.000	94	39934	20.0	19.2	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	92	104525	20.0	20.0	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	581698	50.0	51.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.076	5.076	0.000	92	286487	20.0	20.1	
84 Epichlorohydrin	57	5.126	5.118	0.008	91	4355	20.0	15.1	
85 2-Nitropropane	41	5.348	5.348	0.000	96	20801	40.0	27.7	
86 Tetrachloroethene	166	5.488	5.496	-0.008	95	47422	20.0	20.5	
87 4-Methyl-2-pentanone (MIBK)	43	5.554	5.554	0.000	93	286789	100.0	98.2	
88 trans-1,3-Dichloropropene	75	5.578	5.578	0.000	95	90154	20.0	18.7	
89 1,1,2-Trichloroethane	83	5.751	5.751	0.000	95	53489	20.0	21.0	
90 Ethyl methacrylate	69	5.834	5.834	0.000	86	83092	20.0	20.0	
91 Chlorodibromomethane	129	5.941	5.941	0.000	98	67237	20.0	20.9	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	92	106970	20.0	20.7	
93 Ethylene Dibromide	107	6.187	6.187	0.000	98	64668	20.0	19.9	
94 n-Butyl acetate	43	6.541	6.541	0.000	98	69840	20.0	17.6	
95 2-Hexanone	43	6.607	6.607	0.000	93	201955	100.0	99.5	
* 96 Chlorobenzene-d5	117	6.879	6.879	0.000	85	454595	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	95	179272	20.0	20.3	
98 Ethylbenzene	106	6.978	6.978	0.000	98	84693	20.0	21.5	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	94	55753	20.0	20.3	
100 m-Xylene & p-Xylene	106	7.192	7.200	-0.008	96	98918	20.0	20.7	
101 o-Xylene	106	7.776	7.784	-0.008	94	103938	20.0	21.3	
102 Bromoform	173	7.842	7.842	0.000	93	37959	20.0	19.6	
103 Styrene	104	7.866	7.866	0.000	95	182734	20.0	21.1	
104 n-Butyl acrylate	73	8.196	8.195	0.001	97	34973	20.0	19.4	
105 Isopropylbenzene	105	8.261	8.261	0.000	95	200010	20.0	21.0	
106 Amyl acetate (mixed isomers)	43	8.615	8.607	0.008	94	72499	20.0	17.5	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	87	149015	50.0	51.9	
108 Bromobenzene	156	8.747	8.747	0.000	97	71053	20.0	19.8	
109 N-Propylbenzene	91	8.895	8.895	0.000	99	206151	20.0	19.7	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	97	77098	20.0	19.9	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	171621	20.0	19.8	
112 4-Ethyltoluene	105	9.084	9.084	0.000	98	153023	20.0	17.9	
113 1,2,3-Trichloropropane	110	9.183	9.183	0.000	96	26462	20.0	21.3	
114 1,3,5-Trimethylbenzene	105	9.241	9.241	0.000	93	139439	20.0	20.7	
115 trans-1,4-Dichloro-2-butene	75	9.307	9.315	-0.008	89	27076	20.0	17.8	
116 4-Chlorotoluene	91	9.331	9.331	0.000	98	171126	20.0	20.6	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	111972	20.0	19.4	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	96	138278	20.0	20.1	
118 Butyl Methacrylate	87	9.841	9.841	0.000	90	48410	20.0	18.2	
120 sec-Butylbenzene	105	9.990	9.990	0.000	99	156643	20.0	19.7	
121 1,3-Dichlorobenzene	146	10.261	10.253	0.008	96	98489	20.0	19.4	
122 4-Isopropyltoluene	119	10.269	10.269	0.000	97	125458	20.0	20.1	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	96	173576	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.409	10.409	0.000	94	107410	20.0	19.9	
125 1,2,3-Trimethylbenzene	105	10.516	10.516	0.000	99	134664	20.0	18.0	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	168665	20.0	17.6	
128 Benzyl chloride	126	10.870	10.870	0.000	98	13136	20.0	9.14	
127 p-Diethylbenzene	119	10.878	10.878	0.000	92	51237	20.0	17.5	
129 n-Butylbenzene	92	10.969	10.969	0.000	98	53814	20.0	20.4	
130 1,2-Dichlorobenzene	146	11.076	11.084	-0.008	95	107640	20.0	20.1	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	97	116593	20.0	18.4	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.022	0.000	97	17244	20.0	20.7	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	96	41999	20.0	18.2	
134 1,2,4-Trichlorobenzene	180	12.566	12.565	0.001	93	46868	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.574	12.565	0.009	92	22881	20.0	22.5	
136 Naphthalene	128	12.779	12.779	0.000	99	206416	20.0	23.3	
137 1,2,3-Trichlorobenzene	180	12.903	12.895	0.008	95	50030	20.0	22.4	
S 138 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 139 1,3-Dichloropropene, Total	100				0		40.0	38.7	
S 140 Xylenes, Total	100				0		40.0	42.0	
S 141 Total BTEX	1				0		100.0	103.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260SURR250_00210	Amount Added:	1.00	Units: uL	
8FreonsSS_00023	Amount Added:	20.00	Units: uL	
GAS C SP_00369	Amount Added:	20.00	Units: uL	
8260 SP_00128	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00115	Amount Added:	4.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2020 14:20:14 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins Environment Testing America

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15862-ICV.d

Injection Date: 13-Aug-2020 14:02:30 Instrument ID: CVOAMS5 Operator ID:

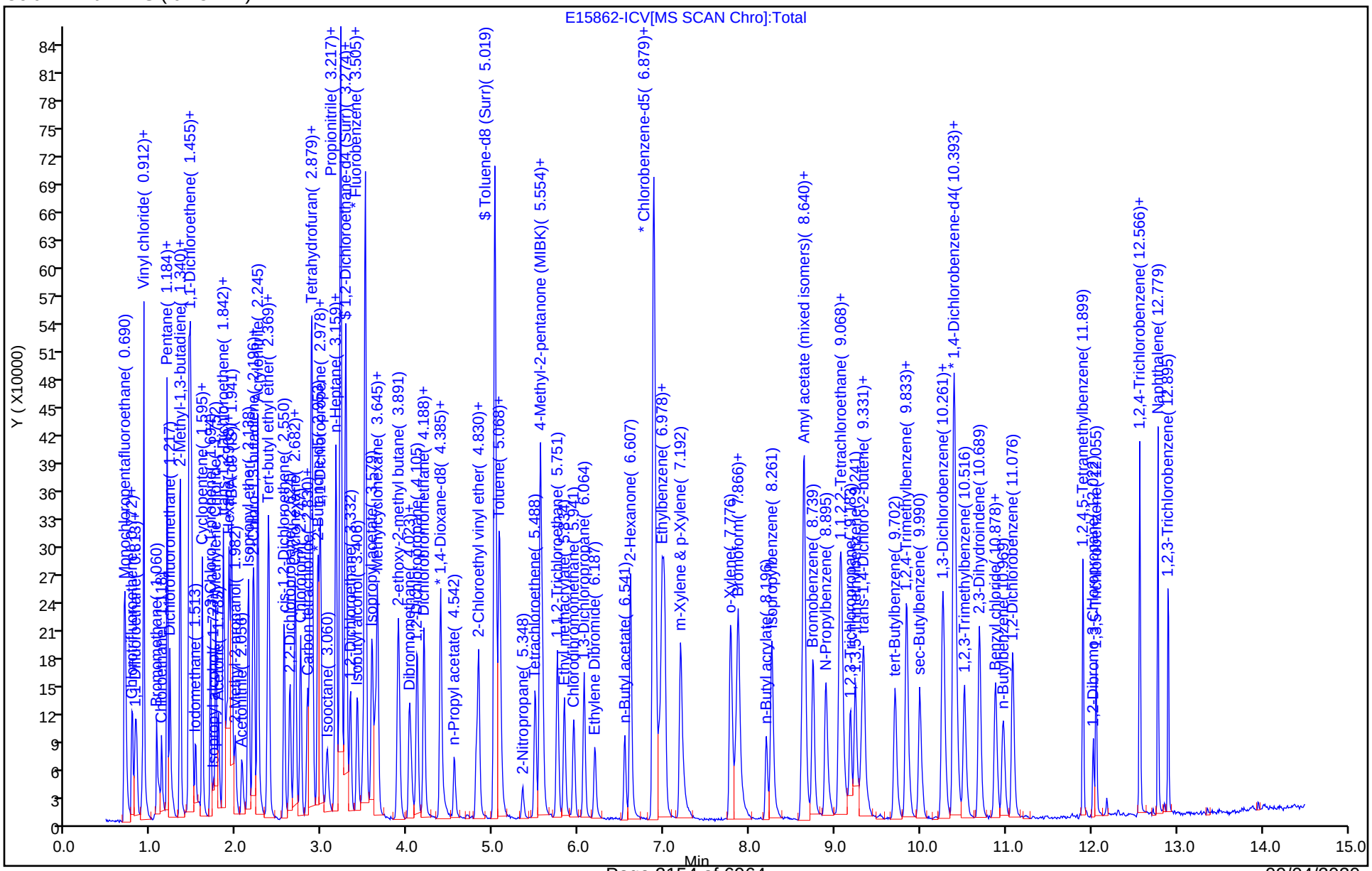
Lims ID: ICV Worklist Smp#: 1020

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 19

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

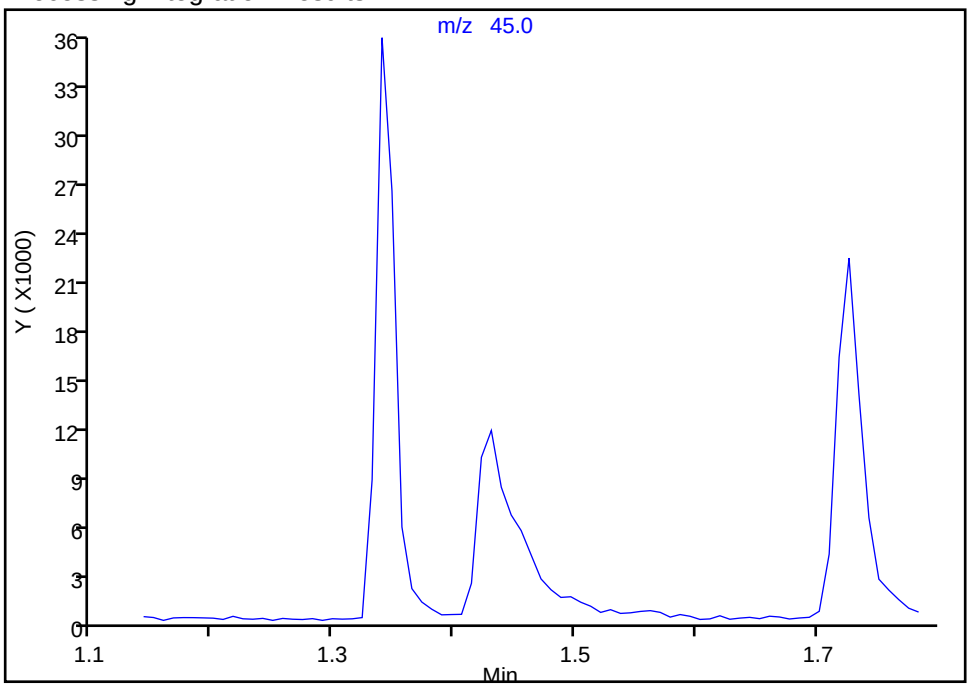
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15862-ICV.d
Injection Date: 13-Aug-2020 14:02:30 Instrument ID: CVOAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

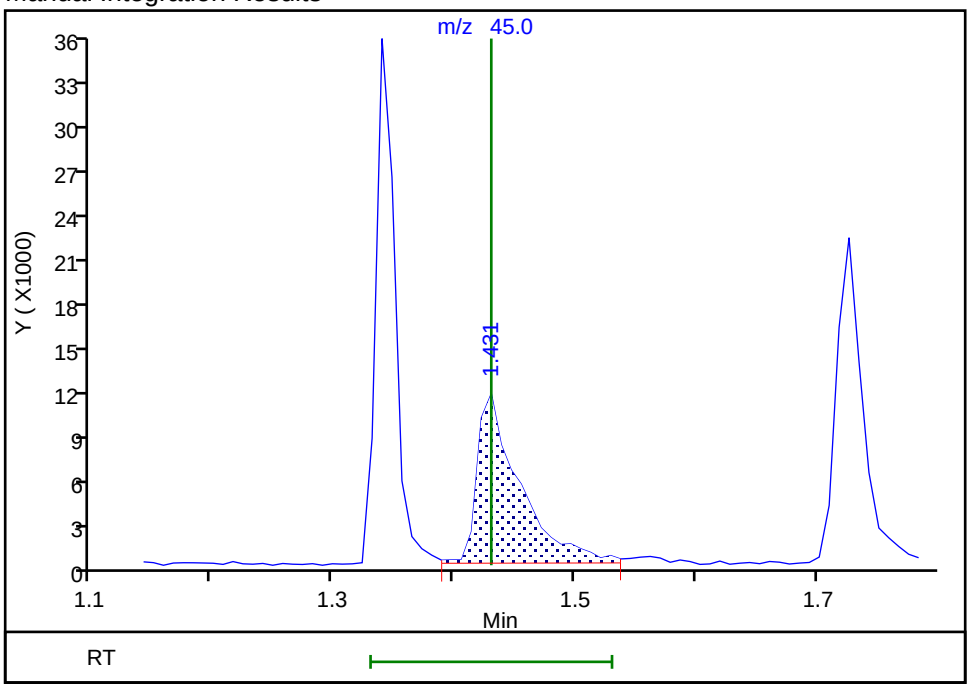
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 27864
Amount: 761.5436
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 13:54:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing America

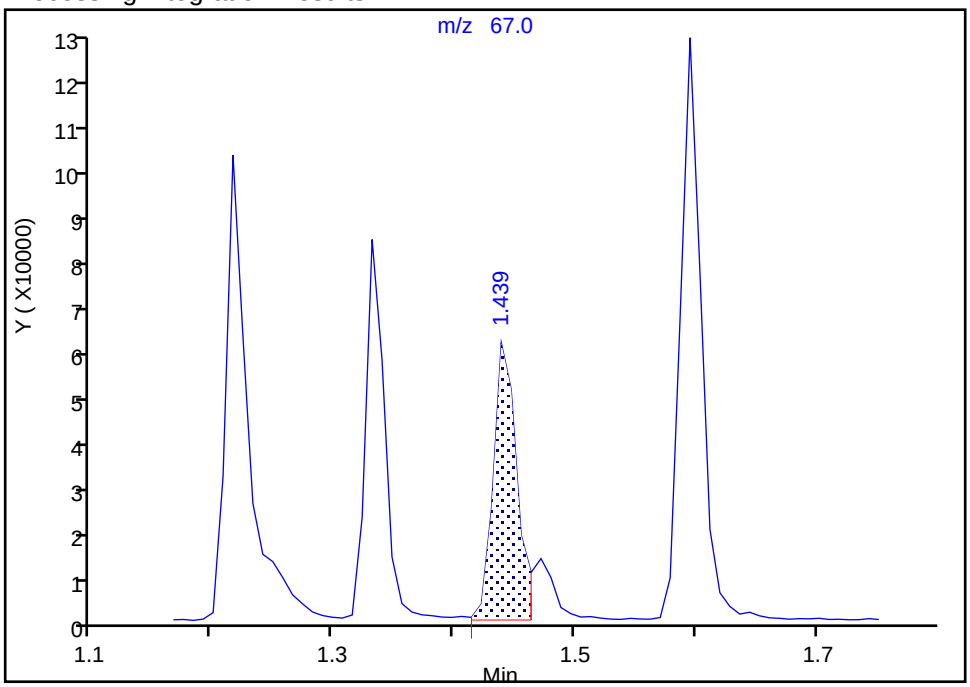
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15862-ICV.d
Injection Date: 13-Aug-2020 14:02:30 Instrument ID: CVOAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

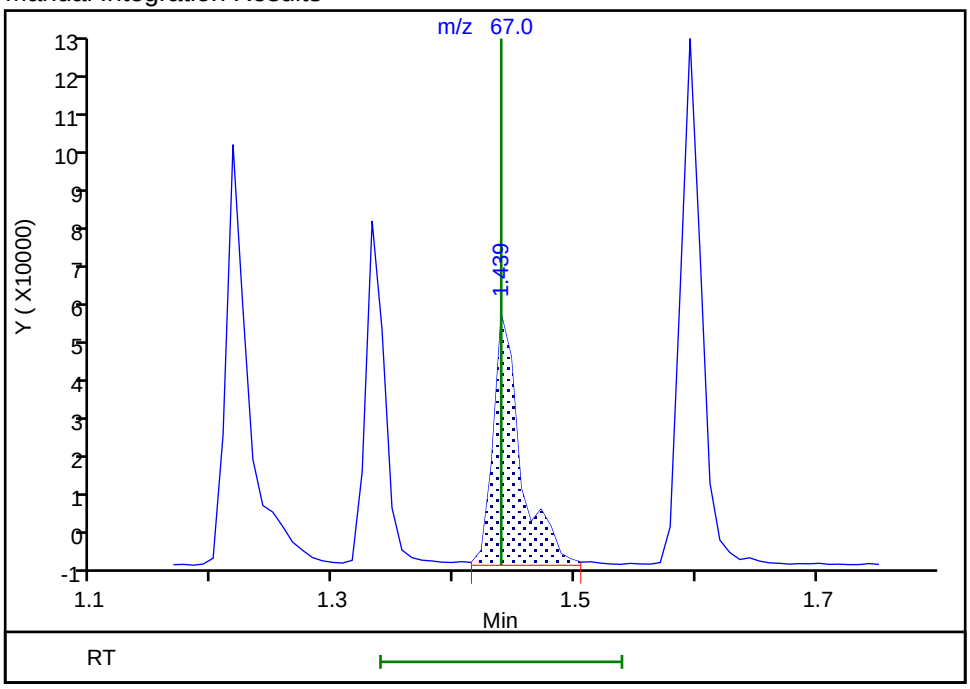
Processing Integration Results

RT: 1.44
Area: 79541
Amount: 16.387776
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 93065
Amount: 19.174116
Amount Units: ug/l



Reviewer: delpolitov, 14-Aug-2020 13:54:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720646/2 Calibration Date: 08/30/2020 11:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E16585.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3947	0.4649	0.1000	23.6	20.0	17.8	20.0
Chloromethane	Ave	0.4736	0.5968	0.1000	25.2	20.0	26.0*	20.0
Vinyl chloride	Ave	0.3817	0.4740	0.1000	24.8	20.0	24.2*	20.0
Butadiene	Lin2		0.3996		24.5	20.0	22.7*	20.0
Bromomethane	Ave	0.2403	0.3054	0.1000	25.4	20.0	27.1	50.0
Chloroethane	Ave	2.193	3.770	0.1000	34.4	20.0	71.9*	50.0
Pentane	Ave	0.3944	0.5344		54.2	40.0	35.5*	20.0
Trichlorofluoromethane	Ave	0.4882	0.5841	0.1000	23.9	20.0	19.7	20.0
Dichlorofluoromethane	Ave	0.5460	0.6665		24.4	20.0	22.1*	20.0
2-Methyl-1,3-butadiene	Ave	0.4722	0.5153		21.8	20.0	9.1	20.0
Ethyl ether	Ave	0.2760	0.3027		21.9	20.0	9.7	20.0
Ethanol	Ave	0.1108	0.1119		808	800	1.0	50.0
1,1-Dichloroethene	Ave	0.3157	0.3351	0.1000	21.2	20.0	6.2	20.0
Carbon disulfide	Ave	0.9928	1.141	0.1000	23.0	20.0	14.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2597	0.2795	0.1000	21.5	20.0	7.7	20.0
Iodomethane	Ave	0.4322	0.3811		17.6	20.0	-11.8	20.0
Cyclopentene	Ave	0.7692	0.8620		22.4	20.0	12.1	20.0
Acrolein	Ave	0.6018	0.9110		60.6	40.0	51.4*	50.0
Allyl chloride	Ave	0.2024	0.2280		22.5	20.0	12.6	20.0
Isopropyl alcohol	Ave	0.6208	0.6947		224	200	11.9	50.0
Methylene Chloride	Ave	0.3782	0.4228	0.1000	22.4	20.0	11.8	20.0
Acetone	Ave	0.3005	0.3039	0.0500	101	100	1.1	50.0
trans-1,2-Dichloroethene	Ave	0.3655	0.4039	0.1000	22.1	20.0	10.5	20.0
Methyl acetate	Ave	2.090	2.670	0.1000	51.1	40.0	27.8*	20.0
Hexane	Ave	1.394	2.062		29.6	20.0	47.9*	20.0
Methyl tert-butyl ether	Ave	1.038	1.093	0.1000	21.1	20.0	5.3	20.0
2-Methyl-2-propanol	Ave	1.242	1.337		215	200	7.6	50.0
Acetonitrile	Ave	1.153	1.640		284	200	42.2*	20.0
Isopropyl ether	Ave	0.9141	1.147		25.1	20.0	25.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.3166	0.3540		22.4	20.0	11.8	20.0
1,1-Dichloroethane	Ave	0.6018	0.6930	0.2000	23.0	20.0	15.2	20.0
Acrylonitrile	Ave	0.1144	0.1088		190	200	-4.9	20.0
Tert-butyl ethyl ether	Ave	0.9735	1.163		23.9	20.0	19.5	20.0
Vinyl acetate	Ave	0.7567	0.9947		52.6	40.0	31.5*	20.0
cis-1,2-Dichloroethene	Ave	0.3618	0.4017	0.1000	22.2	20.0	11.0	20.0
2,2-Dichloropropane	Ave	0.4399	0.5239		23.8	20.0	19.1	20.0
Cyclohexane	Ave	0.2730	0.3153	0.1000	23.1	20.0	15.5	50.0
Chlorobromomethane	Ave	0.1792	0.1912		21.3	20.0	6.7	20.0
Chloroform	Ave	0.5766	0.6411	0.2000	22.2	20.0	11.2	20.0
Carbon tetrachloride	Ave	0.3543	0.3645	0.1000	20.6	20.0	2.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720646/2 Calibration Date: 08/30/2020 11:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E16585.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3812	0.4553		47.8	40.0	19.4	20.0
Methyl acrylate	Ave	0.2383	0.2287		19.2	20.0	-4.0	20.0
Tetrahydrofuran	Ave	1.161	1.252		43.1	40.0	7.9	20.0
1,1,1-Trichloroethane	Ave	0.4597	0.5147	0.1000	22.4	20.0	12.0	20.0
1,1-Dichloropropene	Ave	0.4316	0.4497		20.8	20.0	4.2	20.0
2-Butanone (MEK)	Ave	0.4413	0.4560	0.0500	103	100	3.3	50.0
2,2,4-Trimethylpentane	Lin2		0.4767		26.2	20.0	31.0*	20.0
n-Heptane	Ave	0.0963	0.1111		23.1	20.0	15.4	20.0
Benzene	Ave	1.492	1.731	0.5000	23.2	20.0	16.0	20.0
Propionitrile	Ave	1.400	1.792		256	200	28.0*	20.0
Methacrylonitrile	Ave	0.1306	0.1309		200	200	0.2	20.0
Tert-amyl methyl ether	Ave	0.9187	0.9934		21.6	20.0	8.1	20.0
1,2-Dichloroethane	Ave	0.4365	0.4704	0.1000	21.6	20.0	7.8	20.0
Isobutyl alcohol	Ave	0.3600	0.3728		518	500	3.5	50.0
Isopropyl acetate	Ave	0.4936	0.4745		19.2	20.0	-3.9	20.0
Methylcyclohexane	Ave	0.2332	0.2545	0.1000	21.8	20.0	9.1	50.0
Trichloroethene	Ave	0.3150	0.3489	0.2000	22.2	20.0	10.8	20.0
Dibromomethane	Ave	0.2130	0.2172		20.4	20.0	2.0	20.0
n-Butanol	Qua2		0.2231		483	500	-3.4	50.0
1,2-Dichloropropane	Ave	0.3003	0.3409	0.1000	22.7	20.0	13.5	20.0
Dichlorobromomethane	Ave	0.4159	0.4510	0.2000	21.7	20.0	8.4	20.0
Ethyl acrylate	Ave	0.3386	0.3266		19.3	20.0	-3.5	20.0
Methyl methacrylate	Ave	0.0894	0.0847		37.9	40.0	-5.2	20.0
1,4-Dioxane	Ave	1.206	1.240		411	400	2.9	50.0
n-Propyl acetate	Ave	0.3533	0.3301		18.7	20.0	-6.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1877	0.1921		20.5	20.0	2.3	20.0
cis-1,3-Dichloropropene	Ave	0.5736	0.6608	0.2000	23.0	20.0	15.2	50.0
Toluene	Ave	1.567	1.814	0.4000	23.2	20.0	15.8	20.0
Epichlorohydrin	Ave	0.2657	0.3014		454	400	13.5	20.0
2-Nitropropane	Ave	2.274	3.075		54.1	40.0	35.2*	20.0
Tetrachloroethene	Ave	0.2543	0.2964	0.2000	23.3	20.0	16.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.687	3.031	0.0500	113	100	12.8	50.0
trans-1,3-Dichloropropene	Ave	0.5315	0.5973	0.1000	22.5	20.0	12.4	50.0
1,1,2-Trichloroethane	Ave	0.2796	0.2985	0.1000	21.4	20.0	6.8	20.0
Ethyl methacrylate	Ave	0.4568	0.4267		18.7	20.0	-6.6	20.0
Chlorodibromomethane	Ave	0.3544	0.3831	0.1000	21.6	20.0	8.1	50.0
1,3-Dichloropropane	Ave	0.5683	0.6143		21.6	20.0	8.1	20.0
Ethylene Dibromide	Ave	0.3571	0.3584	0.1000	20.1	20.0	0.4	20.0
n-Butyl acetate	Ave	0.4359	0.3910		17.9	20.0	-10.3	20.0
2-Hexanone	Ave	1.868	1.954	0.0500	105	100	4.6	50.0
Chlorobenzene	Ave	0.9693	1.085	0.5000	22.4	20.0	11.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720646/2 Calibration Date: 08/30/2020 11:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E16585.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.4335	0.5163	0.1000	23.8	20.0	19.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3028	0.3265		21.6	20.0	7.8	20.0
m-Xylene & p-Xylene	Ave	0.5254	0.5902	0.1000	22.5	20.0	12.3	20.0
o-Xylene	Ave	0.5377	0.6003	0.3000	22.3	20.0	11.6	20.0
Bromoform	Ave	0.5568	0.5068	0.1000	18.2	20.0	-9.0	20.0
Styrene	Ave	0.9545	1.083	0.3000	22.7	20.0	13.4	20.0
n-Butyl acrylate	Qua2		0.1829		18.4	20.0	-7.8	20.0
Isopropylbenzene	Ave	1.049	1.269	0.1000	24.2	20.0	21.0*	20.0
Amyl acetate (mixed isomers)	Ave	1.194	0.9921		16.6	20.0	-16.9	20.0
Bromobenzene	Ave	1.033	1.105		21.4	20.0	7.0	20.0
N-Propylbenzene	Ave	3.015	3.421		22.7	20.0	13.5	20.0
1,1,2,2-Tetrachloroethane	Ave	1.119	1.122	0.3000	20.1	20.0	0.3	20.0
2-Chlorotoluene	Ave	2.492	2.784		22.3	20.0	11.7	20.0
4-Ethyltoluene	Ave	2.463	2.940		23.9	20.0	19.3	20.0
1,2,3-Trichloropropane	Ave	0.3586	0.3493		19.5	20.0	-2.6	20.0
1,3,5-Trimethylbenzene	Ave	1.940	2.153		22.2	20.0	10.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4387	0.3730		17.0	20.0	-15.0	20.0
4-Chlorotoluene	Ave	2.396	2.648		22.1	20.0	10.5	20.0
tert-Butylbenzene	Ave	1.663	1.794		21.6	20.0	7.9	20.0
1,2,4-Trimethylbenzene	Ave	1.986	2.289		23.1	20.0	15.3	20.0
Butyl Methacrylate	Qua2		0.7077		18.5	20.0	-7.7	20.0
sec-Butylbenzene	Ave	2.290	2.539		22.2	20.0	10.9	20.0
1,3-Dichlorobenzene	Ave	1.462	1.560	0.6000	21.3	20.0	6.7	20.0
4-Isopropyltoluene	Ave	1.801	1.927		21.4	20.0	7.0	20.0
1,4-Dichlorobenzene	Ave	1.556	1.631	0.5000	21.0	20.0	4.8	20.0
1,2,3-Trimethylbenzene	Ave	2.160	2.371		22.0	20.0	9.8	20.0
Indan	Ave	2.753	3.010		21.9	20.0	9.4	20.0
Benzyl chloride	Lin		0.3059		14.6	20.0	-27.2	50.0
p-Diethylbenzene	Ave	0.8452	0.9260		21.9	20.0	9.6	20.0
n-Butylbenzene	Ave	0.7586	0.8751		23.1	20.0	15.4	20.0
1,2-Dichlorobenzene	Ave	1.540	1.660	0.4000	21.6	20.0	7.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.824	2.220		24.3	20.0	21.7*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2401	0.2024	0.0500	16.9	20.0	-15.7	50.0
1,3,5-Trichlorobenzene	Ave	0.6651	0.7405		22.3	20.0	11.3	20.0
1,2,4-Trichlorobenzene	Ave	0.6506	0.7079	0.2000	21.8	20.0	8.8	20.0
Hexachlorobutadiene	Ave	0.2930	0.3271		22.3	20.0	11.6	20.0
Naphthalene	Ave	2.547	2.230		17.5	20.0	-12.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6429	0.6024		18.7	20.0	-6.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2830	0.2971		52.5	50.0	5.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3342	0.3473		51.9	50.0	3.9	20.0
Toluene-d8 (Surr)	Ave	1.244	1.371		55.1	50.0	10.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720646/2 Calibration Date: 08/30/2020 11:02

Instrument ID: CVOAMS5 Calib Start Date: 08/13/2020 06:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 08/13/2020 11:52

Lab File ID: E16585.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.3161	0.3627		57.4	50.0	14.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16585.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Aug-2020 11:02:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub64

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:38:47 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: boykink Date: 30-Aug-2020 11:28:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.773	0.773	0.000	98	105933	20.0	23.6	
7 Vinyl chloride	62	0.904	0.904	0.000	98	107999	20.0	24.8	
6 Chloromethane	50	0.904	0.904	0.000	99	135980	20.0	25.2	
8 Butadiene	54	0.912	0.912	0.000	92	91043	20.0	24.5	
9 Bromomethane	94	1.061	1.061	0.000	99	69587	20.0	25.4	
10 Chloroethane	64	1.118	1.118	0.000	98	66924	20.0	34.4	
12 Pentane	72	1.184	1.184	0.000	95	18977	40.0	54.2	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	92	133086	20.0	23.9	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	99	151849	20.0	24.4	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	95	117405	20.0	21.8	
15 Ethyl ether	59	1.340	1.340	0.000	94	68966	20.0	21.9	
16 Ethanol	45	1.423	1.423	0.000	94	19867	800.0	808.1	
17 1,1-Dichloroethene	96	1.439	1.439	0.000	96	76358	20.0	21.2	
19 Carbon disulfide	76	1.456	1.456	0.000	98	259937	20.0	23.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	97	63689	20.0	21.5	
22 Iodomethane	142	1.513	1.513	0.000	97	86839	20.0	17.6	
23 Cyclopentene	67	1.596	1.596	0.000	95	196408	20.0	22.4	
24 Acrolein	56	1.620	1.620	0.000	89	8087	40.0	60.6	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	92	51948	20.0	22.5	
26 Isopropyl alcohol	45	1.719	1.719	0.000	98	30835	200.0	223.8	
27 Methylene Chloride	84	1.752	1.752	0.000	88	96320	20.0	22.4	
28 Acetone	58	1.785	1.785	0.000	86	26973	100.0	101.1	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	92	92031	20.0	22.1	
30 Methyl acetate	74	1.851	1.851	0.000	98	23704	40.0	51.1	
31 Hexane	86	1.884	1.884	0.000	79	9152	20.0	29.6	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	94	249089	20.0	21.1	
* 33 TBA-d9 (IS)	65	1.925	1.925	0.000	99	221920	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.974	1.974	0.000	98	59321	200.0	215.3	
35 Acetonitrile	41	2.056	2.056	0.000	99	72808	200.0	284.5	
36 Isopropyl ether	45	2.130	2.130	0.000	95	261353	20.0	25.1	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	90	80654	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.205	2.205	0.000	99	157883	20.0	23.0	
39 Acrylonitrile	53	2.237	2.237	0.000	95	247837	200.0	190.2	
40 Tert-butyl ethyl ether	59	2.361	2.361	0.000	89	265022	20.0	23.9	
41 Vinyl acetate	86	2.377	2.377	0.000	99	35320	40.0	52.6	
42 cis-1,2-Dichloroethene	96	2.550	2.550	0.000	98	91523	20.0	22.2	
43 2,2-Dichloropropane	77	2.616	2.616	0.000	96	119370	20.0	23.8	
44 Cyclohexane	56	2.674	2.674	0.000	88	71827	20.0	23.1	
45 Chlorobromomethane	128	2.682	2.682	0.000	84	43552	20.0	21.3	
46 Chloroform	83	2.748	2.748	0.000	99	146067	20.0	22.2	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	83054	20.0	20.6	
49 Ethyl acetate	70	2.846	2.846	0.000	99	16165	40.0	47.8	
48 Methyl acrylate	55	2.855	2.855	0.000	57	52115	20.0	19.2	
50 Tetrahydrofuran	42	2.855	2.855	0.000	92	44453	40.0	43.1	
$ 51 Dibromofluoromethane (Surr)	113	2.871	2.871	0.000	96	169222	50.0	52.5	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	97	117259	20.0	22.4	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	221924	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	95	102460	20.0	20.8	
55 2-Butanone (MEK)	72	2.978	2.978	0.000	99	40480	100.0	103.3	
56 Isooctane	57	3.052	3.052	0.000	98	108611	20.0	26.2	
57 n-Heptane	57	3.143	3.143	0.000	90	25306	20.0	23.1	
58 Benzene	78	3.159	3.159	0.000	95	322385	20.0	23.2	
59 Propionitrile	54	3.200	3.200	0.000	96	79550	200.0	256.0	
60 Methacrylonitrile	67	3.209	3.209	0.000	89	298148	200.0	200.4	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	96	226330	20.0	21.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	96	197808	50.0	51.9	
63 1,2-Dichloroethane	62	3.324	3.324	0.000	98	107166	20.0	21.6	
64 Isobutyl alcohol	43	3.406	3.406	0.000	97	41366	500.0	517.7	
65 t-Amyl alcohol	59	3.472	3.472	0.000	94	33641	200.0	187.6	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	569596	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	108109	20.0	19.2	
68 Methylcyclohexane	83	3.620	3.620	0.000	94	57986	20.0	21.8	
69 Trichloroethene	95	3.645	3.645	0.000	99	79502	20.0	22.2	
70 2-ethoxy-2-methyl butane	59	3.883	3.883	0.000	99	182127	20.0	22.2	
71 Dibromomethane	93	4.015	4.015	0.000	96	49486	20.0	20.4	
72 n-Butanol	56	4.032	4.032	0.000	87	24754	500.0	483.2	
73 1,2-Dichloropropane	63	4.106	4.106	0.000	91	77667	20.0	22.7	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	102765	20.0	21.7	
75 Ethyl acrylate	55	4.188	4.188	0.000	69	74421	20.0	19.3	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	96	24685	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	85	38616	40.0	37.9	
78 1,4-Dioxane	88	4.394	4.394	0.000	29	12246	400.0	411.4	M
79 n-Propyl acetate	43	4.542	4.542	0.000	98	75203	20.0	18.7	
80 2-Chloroethyl vinyl ether	63	4.797	4.797	0.000	95	43869	20.0	20.5	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	123082	20.0	23.0	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	638239	50.0	55.1	
83 Toluene	91	5.068	5.068	0.000	93	337915	20.0	23.2	
84 Epichlorohydrin	57	5.110	5.110	0.000	98	107036	400.0	453.8	
85 2-Nitropropane	41	5.340	5.340	0.000	99	27295	40.0	54.1	
86 Tetrachloroethene	166	5.488	5.488	0.000	95	55213	20.0	23.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.546	5.546	0.000	96	269076	100.0	112.8	
88 trans-1,3-Dichloropropene	75	5.579	5.579	0.000	95	111253	20.0	22.5	
89 1,1,2-Trichloroethane	83	5.743	5.743	0.000	94	55594	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.826	5.826	0.000	86	79480	20.0	18.7	
91 Chlorodibromomethane	129	5.941	5.941	0.000	97	71352	20.0	21.6	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	92	114424	20.0	21.6	
93 Ethylene Dibromide	107	6.188	6.188	0.000	96	66761	20.0	20.1	
94 n-Butyl acetate	43	6.533	6.533	0.000	98	72824	20.0	17.9	
95 2-Hexanone	43	6.607	6.607	0.000	94	173481	100.0	104.6	
* 96 Chlorobenzene-d5	117	6.871	6.871	0.000	86	465673	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	94	202039	20.0	22.4	
98 Ethylbenzene	106	6.978	6.978	0.000	98	96165	20.0	23.8	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	95	60811	20.0	21.6	
100 m-Xylene & p-Xylene	106	7.192	7.192	0.000	97	109937	20.0	22.5	
101 o-Xylene	106	7.776	7.776	0.000	93	111816	20.0	22.3	
102 Bromoform	173	7.842	7.842	0.000	93	36754	20.0	18.2	
103 Styrene	104	7.867	7.867	0.000	96	201695	20.0	22.7	
104 n-Butyl acrylate	73	8.196	8.196	0.000	97	34069	20.0	18.4	
105 Isopropylbenzene	105	8.262	8.262	0.000	96	236384	20.0	24.2	
106 Amyl acetate (mixed isomers)	43	8.607	8.607	0.000	92	71946	20.0	16.6	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	87	168890	50.0	57.4	
108 Bromobenzene	156	8.739	8.739	0.000	98	80140	20.0	21.4	
109 N-Propylbenzene	91	8.887	8.887	0.000	99	248117	20.0	22.7	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	81343	20.0	20.1	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	201920	20.0	22.3	
112 4-Ethyltoluene	105	9.076	9.076	0.000	98	213192	20.0	23.9	
113 1,2,3-Trichloropropane	110	9.175	9.175	0.000	97	25334	20.0	19.5	
114 1,3,5-Trimethylbenzene	105	9.233	9.233	0.000	92	156112	20.0	22.2	
115 trans-1,4-Dichloro-2-butene	75	9.315	9.315	0.000	89	27051	20.0	17.0	
116 4-Chlorotoluene	91	9.331	9.331	0.000	98	192013	20.0	22.1	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	130078	20.0	21.6	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	96	166025	20.0	23.1	
118 Butyl Methacrylate	87	9.842	9.842	0.000	89	51324	20.0	18.5	
120 sec-Butylbenzene	105	9.990	9.990	0.000	99	184122	20.0	22.2	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	95	113104	20.0	21.3	
122 4-Isopropyltoluene	119	10.270	10.270	0.000	97	139777	20.0	21.4	
* 123 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	95	181302	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.410	10.410	0.000	95	118294	20.0	21.0	
125 1,2,3-Trimethylbenzene	105	10.508	10.508	0.000	99	171959	20.0	22.0	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	93	218322	20.0	21.9	
128 Benzyl chloride	126	10.870	10.870	0.000	97	22187	20.0	14.6	
127 p-Diethylbenzene	119	10.879	10.879	0.000	92	67152	20.0	21.9	
129 n-Butylbenzene	92	10.961	10.961	0.000	98	63466	20.0	23.1	
130 1,2-Dichlorobenzene	146	11.076	11.076	0.000	95	120361	20.0	21.6	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	96	161032	20.0	24.3	
132 1,2-Dibromo-3-Chloropropane	157	12.023	12.023	0.000	95	14677	20.0	16.9	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	97	53704	20.0	22.3	
134 1,2,4-Trichlorobenzene	180	12.566	12.566	0.000	93	51334	20.0	21.8	
135 Hexachlorobutadiene	225	12.566	12.566	0.000	91	23724	20.0	22.3	
136 Naphthalene	128	12.780	12.780	0.000	99	161729	20.0	17.5	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	95	43683	20.0	18.7	
S 138 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 139 1,3-Dichloropropene, Total	100				0		40.0	45.5	
S 140 Xylenes, Total	100				0		40.0	44.8	
S 141 Total BTEX	1				0		100.0	115.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00383	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

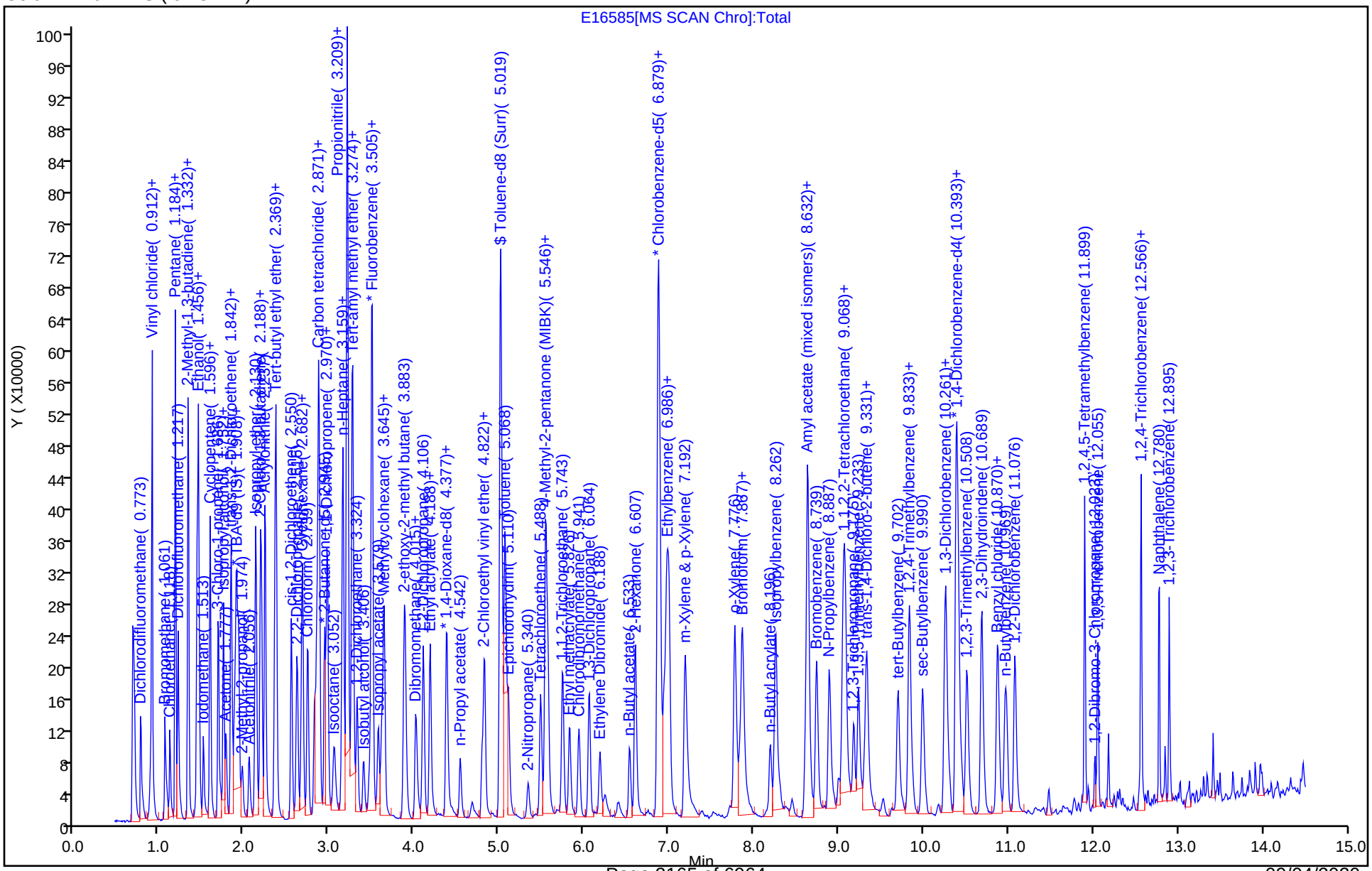
Report Date: 02-Sep-2020 15:38:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16585.D

Injection Date:	30-Aug-2020 11:02:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

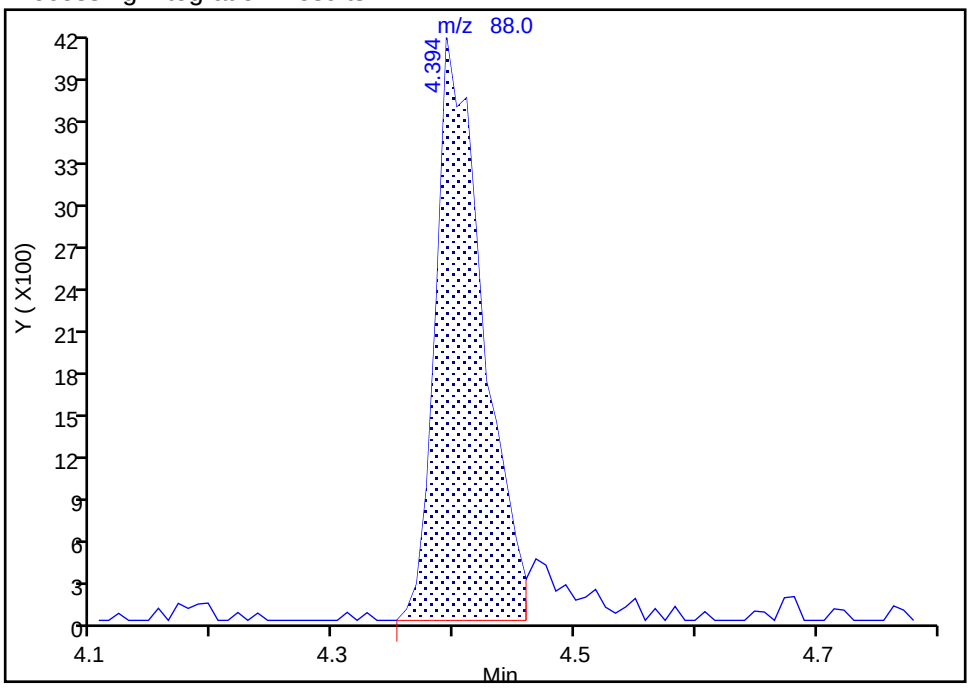
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16585.D
Injection Date: 30-Aug-2020 11:02:30 Instrument ID: CVOAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

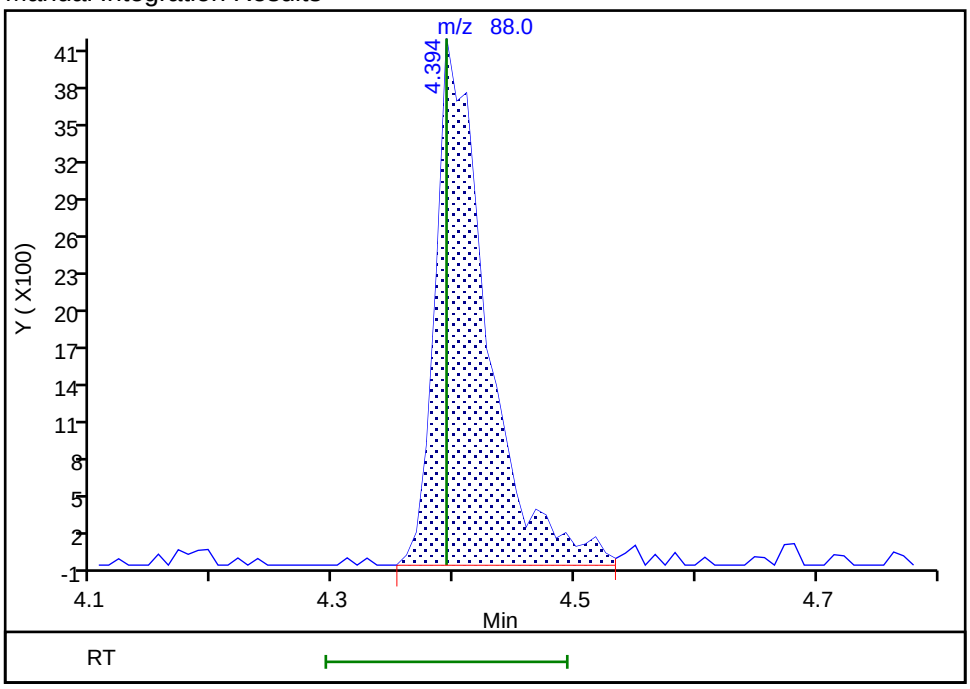
Processing Integration Results

RT: 4.39
Area: 11264
Amount: 378.4351
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 12246
Amount: 411.4273
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 15:38:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716937/16 Calibration Date: 08/15/2020 10:10

Instrument ID: CVOAMS8 Calib Start Date: 07/01/2020 06:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2020 13:02

Lab File ID: J04665.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF				0.550	20.0	-100.0*	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04665.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 15-Aug-2020 10:10:30 ALS Bottle#: 25 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0115118-016
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 20:16:07 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: baronm Date: 16-Aug-2020 12:22:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.308	1.309	-0.001	88	1860	20.0	38.4	
3 Dichlorodifluoromethane	85	1.331	1.332	-0.001	99	40703	20.0	21.5	
4 1,1-Difluoroethane	65	1.342	1.343	-0.001	91	15573	20.0	22.2	a
5 Chlorodifluoromethane	67	1.377	1.377	0.000	95	6373	20.0	28.9	
6 Chloromethane	50	1.525	1.526	-0.001	99	62047	20.0	20.4	
7 Vinyl chloride	62	1.582	1.583	-0.001	98	56739	20.0	21.5	
8 Butadiene	54	1.605	1.606	-0.001	96	55232	20.0	22.2	
9 Bromomethane	94	1.856	1.868	-0.012	99	24405	20.0	25.8	
10 Chloroethane	64	1.948	1.948	0.000	98	30202	20.0	20.9	
12 Dichlorofluoromethane	67	2.107	2.108	-0.001	99	80593	20.0	20.7	
11 Trichlorofluoromethane	101	2.119	2.119	0.000	98	61412	20.0	21.7	
13 Pentane	72	2.153	2.165	-0.012	95	6764	40.0	42.6	
14 Ethanol	46	2.313	2.313	0.000	97	11607	800.0	746.5	
15 Ethyl ether	59	2.347	2.359	-0.012	93	42394	20.0	21.5	
16 2-Methyl-1,3-butadiene	53	2.370	2.370	0.000	95	39418	20.0	18.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.393	2.393	0.000	97	24635	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.450	2.450	0.000	98	51128	20.0	19.3	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.507	2.507	0.000	92	27585	20.0	21.0	
20 Acrolein	56	2.518	2.519	-0.001	95	13620	40.1	36.8	
21 1,1-Dichloroethene	96	2.541	2.542	-0.001	91	32785	20.0	21.6	
22 Acetone	43	2.644	2.644	0.000	85	87516	100.0	97.2	
23 Iodomethane	142	2.701	2.702	-0.001	98	15857	20.0	8.32	M
24 Carbon disulfide	76	2.724	2.724	0.000	100	137284	20.0	21.1	
25 Isopropyl alcohol	45	2.735	2.736	-0.001	99	38680	200.0	168.9	
26 3-Chloro-1-propene	76	2.861	2.861	0.000	93	24360	20.0	21.0	
27 Cyclopentene	67	2.872	2.873	-0.001	95	93913	20.0	19.8	
28 Methyl acetate	43	2.884	2.884	0.000	99	100918	40.0	42.3	
29 Acetonitrile	41	2.929	2.941	-0.012	98	79440	200.0	181.6	
30 Methylene Chloride	84	2.986	2.987	-0.001	94	45651	20.0	22.8	
* 31 TBA-d9 (IS)	65	2.986	2.987	-0.001	91	293098	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.055	3.055	0.000	99	65787	200.0	199.8	
33 Methyl tert-butyl ether	73	3.146	3.147	-0.001	97	137485	20.0	20.6	
34 trans-1,2-Dichloroethene	96	3.169	3.170	-0.001	95	39259	20.0	21.8	
35 Acrylonitrile	53	3.249	3.250	-0.001	94	220710	200.0	215.0	
36 Hexane	57	3.318	3.318	0.000	94	29852	20.0	22.0	
37 Isopropyl ether	45	3.534	3.546	-0.012	98	174119	20.0	18.4	
38 1,1-Dichloroethane	63	3.557	3.569	-0.012	99	93240	20.0	21.2	
39 Vinyl acetate	43	3.580	3.592	-0.012	100	166659	40.0	24.7	
40 2-Chloro-1,3-butadiene	88	3.603	3.615	-0.012	94	30441	20.0	18.3	
41 Tert-butyl ethyl ether	59	3.854	3.855	-0.001	86	143938	20.0	18.0	
* 43 2-Butanone-d5	46	4.060	4.060	0.000	93	380419	250.0	250.0	
42 2,2-Dichloropropane	79	4.048	4.060	-0.012	92	20066	20.0	18.5	
44 cis-1,2-Dichloroethene	96	4.082	4.083	-0.001	90	44329	20.0	21.2	
46 2-Butanone (MEK)	72	4.117	4.117	0.000	95	27988	100.0	98.3	
45 Ethyl acetate	70	4.117	4.117	0.000	94	10833	40.0	37.3	
47 Methyl acrylate	55	4.162	4.163	-0.001	99	45828	20.0	17.5	
48 Propionitrile	54	4.242	4.243	-0.001	97	77102	200.0	186.8	
49 Chlorobromomethane	128	4.311	4.311	0.000	93	18448	20.0	19.5	
50 Tetrahydrofuran	72	4.322	4.323	-0.001	93	14479	40.0	42.1	
51 Methacrylonitrile	67	4.345	4.346	-0.001	97	194427	200.0	189.2	
52 Chloroform	83	4.356	4.368	-0.012	97	82102	20.0	21.5	
53 Cyclohexane	84	4.482	4.483	-0.001	96	35522	20.0	20.4	
54 1,1,1-Trichloroethane	97	4.505	4.505	0.000	97	66355	20.0	20.2	
$ 55 Dibromofluoromethane (Surr)	113	4.516	4.517	-0.001	94	93163	50.0	50.3	
56 Carbon tetrachloride	117	4.619	4.620	-0.001	97	51305	20.0	20.8	
57 1,1-Dichloropropene	75	4.653	4.654	-0.001	90	59313	20.0	20.7	
59 Isobutyl alcohol	43	4.802	4.802	0.000	96	95557	500.0	530.0	
58 Isooctane	57	4.813	4.825	-0.012	97	76627	20.0	22.0	
60 Benzene	78	4.847	4.859	-0.012	98	179849	20.0	22.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.870	4.871	-0.001	0	147837	50.0	50.4	
62 Tert-amyl methyl ether	55	4.927	4.928	-0.001	66	38338	20.0	19.8	
63 Isopropyl acetate	43	4.927	4.928	-0.001	94	189129	20.0	19.2	
64 1,2-Dichloroethane	62	4.950	4.951	-0.001	96	76710	20.0	20.5	
65 n-Heptane	57	5.007	5.008	-0.001	98	17573	20.0	21.2	
* 66 Fluorobenzene	96	5.144	5.145	-0.001	96	399605	50.0	50.0	
68 n-Butanol	56	5.475	5.476	-0.001	96	38124	500.0	429.6	
67 Trichloroethene	95	5.498	5.499	-0.001	91	42239	20.0	22.0	
69 Methylcyclohexane	83	5.612	5.613	-0.001	82	30185	20.0	21.9	
70 Ethyl acrylate	55	5.635	5.636	-0.001	98	94121	20.0	18.4	
71 1,2-Dichloropropane	63	5.795	5.795	0.000	86	49739	20.0	20.4	
* 72 1,4-Dioxane-d8	96	5.863	5.864	-0.001	0	24130	1000.0	1000.0	
73 Methyl methacrylate	100	5.886	5.887	-0.001	93	19024	40.0	37.1	
74 Dibromomethane	93	5.921	5.921	0.000	90	29201	20.0	19.9	
75 1,4-Dioxane	88	5.921	5.921	0.000	46	10741	400.0	402.8	
76 n-Propyl acetate	43	5.943	5.944	-0.001	98	79877	20.0	17.8	
77 Dichlorobromomethane	83	6.069	6.069	0.000	98	59868	20.0	21.2	
79 2-Nitropropane	41	6.423	6.423	0.000	82	29856	40.0	31.1	
78 2-Chloroethyl vinyl ether	63	6.423	6.423	0.000	68	30185	20.0	18.1	
80 Epichlorohydrin	57	6.537	6.538	-0.001	96	5792	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.583	6.583	0.000	98	69657	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.765	6.766	-0.001	98	274315	100.0	97.0	
$ 83 Toluene-d8 (Surr)	98	6.822	6.834	-0.012	97	293433	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.902	6.903	-0.001	92	148818	20.0	20.9	
85 trans-1,3-Dichloropropene	75	7.256	7.268	-0.012	97	62912	20.0	19.3	
86 Ethyl methacrylate	69	7.302	7.303	0.000	96	57777	20.0	19.5	
87 1,1,2-Trichloroethane	83	7.473	7.485	-0.012	95	33933	20.0	21.2	
88 Tetrachloroethene	166	7.519	7.519	0.000	92	23994	20.0	21.7	
89 1,3-Dichloropropane	76	7.690	7.691	-0.001	97	63071	20.0	20.8	
90 2-Hexanone	58	7.770	7.771	-0.001	99	96002	100.0	101.5	
91 n-Butyl acetate	43	7.884	7.885	-0.001	96	82840	20.0	18.6	
92 Chlorodibromomethane	129	7.918	7.919	-0.001	96	37958	20.0	20.3	
93 Ethylene Dibromide	107	8.078	8.079	-0.001	98	37641	20.0	21.2	
* 94 Chlorobenzene-d5	117	8.626	8.638	-0.012	92	257090	50.0	50.0	
95 Chlorobenzene	112	8.672	8.673	-0.001	91	83199	20.0	21.0	
96 Ethylbenzene	106	8.775	8.775	0.000	99	38292	20.0	20.7	
97 1,1,1,2-Tetrachloroethane	131	8.786	8.798	-0.012	92	31478	20.0	20.4	
98 m-Xylene & p-Xylene	106	8.935	8.947	-0.012	0	46383	20.0	21.4	
99 o-Xylene	106	9.426	9.426	0.000	91	46870	20.0	20.7	
100 n-Butyl acrylate	73	9.426	9.426	0.000	94	30563	20.0	17.9	
101 Styrene	104	9.460	9.460	0.000	91	89201	20.0	21.5	
102 Bromoform	173	9.665	9.666	-0.001	93	23913	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.654	9.666	-0.012	86	85983	20.0	17.6	
104 Isopropylbenzene	105	9.791	9.791	0.000	98	92533	20.0	21.4	
$ 105 4-Bromofluorobenzene	174	9.974	9.985	-0.011	83	70429	50.0	49.7	
106 Bromobenzene	156	10.099	10.100	-0.001	95	32678	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	10.145	10.145	0.000	98	46394	20.0	19.5	
108 N-Propylbenzene	91	10.168	10.168	0.000	98	108936	20.0	20.7	
109 1,2,3-Trichloropropane	110	10.179	10.191	-0.012	96	12424	20.0	19.6	
110 trans-1,4-Dichloro-2-butene	53	10.202	10.202	0.000	89	17646	20.0	19.8	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	86501	20.0	20.4	
112 4-Ethyltoluene	105	10.270	10.271	-0.001	96	77381	20.0	18.3	
113 1,3,5-Trimethylbenzene	105	10.327	10.328	-0.001	91	74185	20.0	21.1	
114 4-Chlorotoluene	91	10.350	10.351	-0.001	99	88332	20.0	21.5	
115 Butyl Methacrylate	87	10.407	10.408	-0.001	98	40807	20.0	18.1	
116 tert-Butylbenzene	119	10.567	10.568	-0.001	90	54429	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	10.613	10.613	0.000	99	78993	20.0	21.0	
118 sec-Butylbenzene	105	10.727	10.728	-0.001	98	80247	20.0	21.7	
119 4-Isopropyltoluene	119	10.841	10.842	-0.001	96	67338	20.0	20.8	
120 1,3-Dichlorobenzene	146	10.841	10.842	-0.001	79	44808	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	10.887	10.887	0.000	97	98255	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.910	10.910	0.000	95	48519	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.921	10.922	-0.001	99	75813	20.0	18.6	
124 Benzyl chloride	91	11.012	11.013	-0.001	98	60340	20.0	14.8	
125 2,3-Dihydroindene	117	11.058	11.059	-0.001	94	77427	20.0	18.2	
126 p-Diethylbenzene	119	11.104	11.093	0.011	92	30212	20.0	18.8	
127 n-Butylbenzene	92	11.115	11.116	-0.001	96	36620	20.0	21.6	
128 1,2-Dichlorobenzene	146	11.161	11.161	0.000	93	47604	20.0	20.6	
129 1,2,4,5-Tetramethylbenzene	119	11.595	11.584	0.011	96	59448	20.0	18.7	
130 1,2-Dibromo-3-Chloropropane	157	11.675	11.652	0.023	93	9239	20.0	21.4	
131 1,3,5-Trichlorobenzene	180	11.755	11.744	0.011	95	21274	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	12.154	12.143	0.011	94	25294	20.0	21.9	
133 Hexachlorobutadiene	225	12.223	12.200	0.023	93	11685	20.0	25.3	
134 Naphthalene	128	12.325	12.314	0.011	98	94822	20.0	21.8	
135 1,2,3-Trichlorobenzene	180	12.485	12.474	0.011	94	25236	20.0	22.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.0	
S 137 Xylenes, Total	100				0		40.0	42.1	
S 138 Total BTEX	1				0		100.0	105.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonsSS_00023	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00115	Amount Added: 4.00	Units: uL		
8260 SP_00128	Amount Added: 20.00	Units: uL		
GAS C SP_00369	Amount Added: 20.00	Units: uL		
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00210	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 16-Aug-2020 20:19:15 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04665.D

Injection Date: 15-Aug-2020 10:10:30 Instrument ID: CVOAMS8 Operator ID:

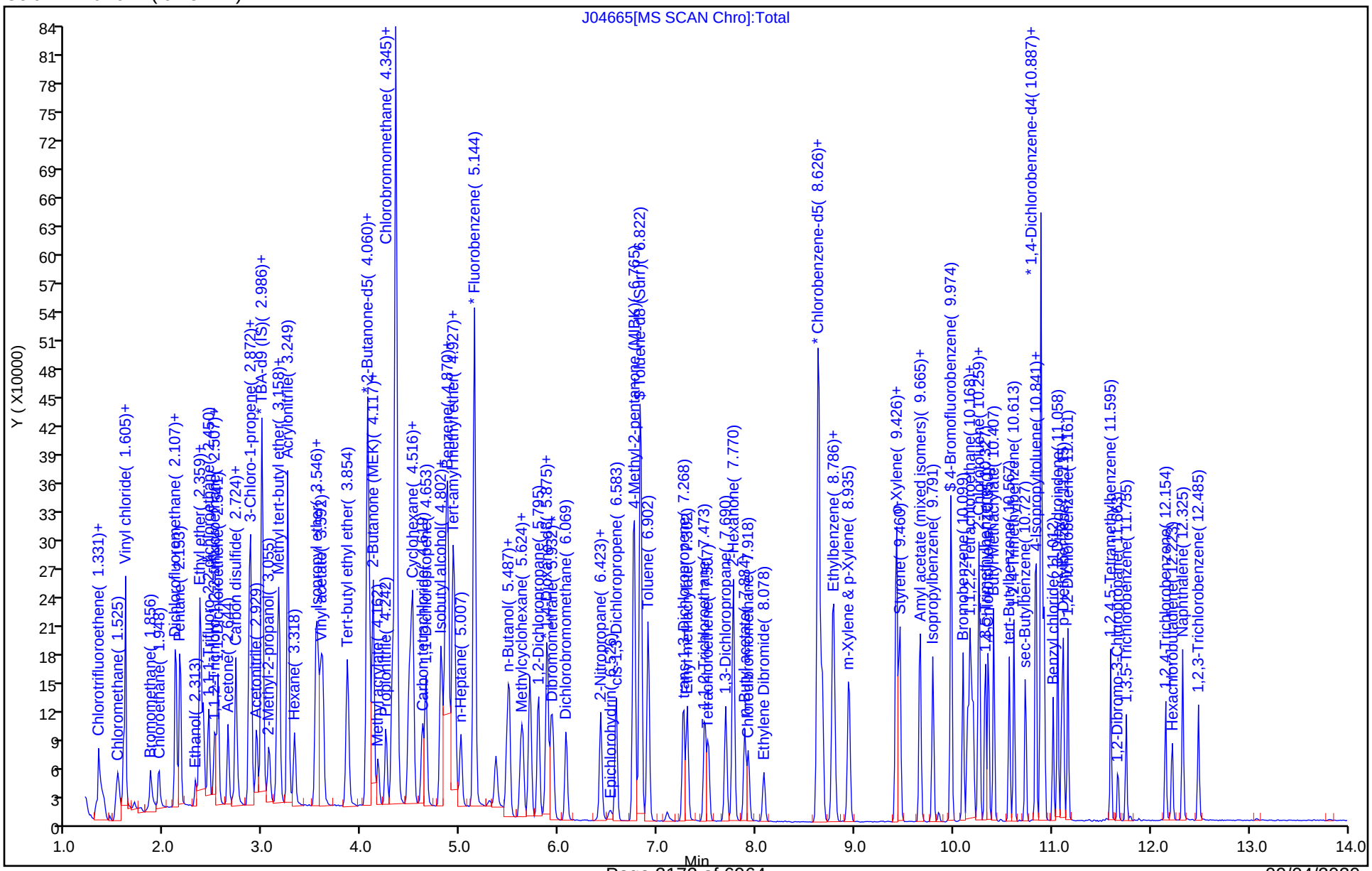
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716937/16 Calibration Date: 08/15/2020 10:10

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J04665.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0061	0.0116		38.4	20.0	92.0*	30.0
Dichlorodifluoromethane	Ave	0.2373	0.2546	0.1000	21.5	20.0	7.3	30.0
1,1-Difluoroethane	Ave	0.0877	0.0974		22.2	20.0	11.0	30.0
Chlorodifluoromethane	QuaF		0.0399		28.9	20.0	44.5*	30.0
Chloromethane	Ave	0.3803	0.3882	0.1000	20.4	20.0	2.1	30.0
Vinyl chloride	Ave	0.3299	0.3550	0.1000	21.5	20.0	7.6	30.0
Butadiene	Ave	0.3109	0.3455		22.2	20.0	11.2	30.0
Bromomethane	Ave	0.1183	0.1527	0.1000	25.8	20.0	29.0	30.0
Chloroethane	Ave	0.1811	0.1889	0.1000	20.9	20.0	4.3	30.0
Dichlorofluoromethane	Ave	0.4864	0.5042		20.7	20.0	3.7	30.0
Trichlorofluoromethane	Ave	0.3534	0.3842	0.1000	21.7	20.0	8.7	30.0
Pentane	Ave	0.5415	0.5769		42.6	40.0	6.5	30.0
Ethanol	Ave	0.0530	0.0495		747	800	-6.7	30.0
Ethyl ether	Ave	0.2473	0.2652		21.5	20.0	7.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2661	0.2466		18.5	20.0	-7.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1543	0.1541		20.0	20.0	-0.1	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3317	0.3199		19.3	20.0	-3.6	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1642	0.1726	0.1000	21.0	20.0	5.1	30.0
Acrolein	Ave	1.264	1.160		36.8	40.1	-8.2	30.0
1,1-Dichloroethene	Ave	0.1899	0.2051	0.1000	21.6	20.0	8.0	30.0
Acetone	Ave	0.5916	0.5751	0.0500	97.2	100	-2.8	30.0
Iodomethane	QuaF		0.0992		8.32	20.0	-58.4*	30.0
Carbon disulfide	Ave	0.8158	0.8589	0.1000	21.1	20.0	5.3	30.0
Isopropyl alcohol	Ave	0.7814	0.6598		169	200	-15.6	30.0
Allyl chloride	Ave	0.1449	0.1524		21.0	20.0	5.2	30.0
Cyclopentene	Ave	0.5927	0.5875		19.8	20.0	-0.9	30.0
Methyl acetate	Ave	0.2984	0.3157	0.1000	42.3	40.0	5.8	30.0
Acetonitrile	Ave	1.492	1.355		182	200	-9.2	30.0
Methylene Chloride	Ave	0.2510	0.2856	0.1000	22.8	20.0	13.8	30.0
2-Methyl-2-propanol	Ave	1.123	1.122		200	200	-0.0	30.0
Methyl tert-butyl ether	Ave	0.8369	0.8601	0.1000	20.6	20.0	2.8	30.0
trans-1,2-Dichloroethene	Ave	0.2256	0.2456	0.1000	21.8	20.0	8.9	30.0
Acrylonitrile	Ave	3.502	3.765		215	200	7.5	30.0
Hexane	Ave	0.1700	0.1868		22.0	20.0	9.9	30.0
Isopropyl ether	Ave	1.184	1.089		18.4	20.0	-8.0	30.0
1,1-Dichloroethane	Ave	0.5498	0.5833	0.2000	21.2	20.0	6.1	30.0
Vinyl acetate	Ave	0.8455	0.5213		24.7	40.0	-38.3*	30.0
2-Chloro-1,3-butadiene	Ave	0.2087	0.1904		18.3	20.0	-8.7	30.0
Tert-butyl ethyl ether	Ave	0.999	0.9005		18.0	20.0	-9.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716937/16 Calibration Date: 08/15/2020 10:10

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J04665.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1359	0.1255		18.5	20.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	0.2616	0.2773	0.1000	21.2	20.0	6.0	30.0
2-Butanone (MEK)	Ave	0.1872	0.1839	0.0500	98.3	100	-1.7	30.0
Ethyl acetate	Qua		0.1780		37.3	40.0	-6.7	30.0
Methyl acrylate	Ave	0.3279	0.2867		17.5	20.0	-12.6	30.0
Propionitrile	Ave	1.408	1.315		187	200	-6.6	30.0
Chlorobromomethane	Ave	0.1183	0.1154		19.5	20.0	-2.4	30.0
Tetrahydrofuran	Ave	0.2260	0.2379		42.1	40.0	5.3	30.0
Methacrylonitrile	Ave	0.1286	0.1216		189	200	-5.4	30.0
Chloroform	Ave	0.4769	0.5136	0.2000	21.5	20.0	7.7	30.0
Cyclohexane	Ave	0.2182	0.2222	0.1000	20.4	20.0	1.8	30.0
1,1,1-Trichloroethane	Ave	0.4103	0.4151	0.1000	20.2	20.0	1.2	30.0
Carbon tetrachloride	Ave	0.3087	0.3210	0.1000	20.8	20.0	4.0	30.0
1,1-Dichloropropene	Ave	0.3593	0.3711		20.7	20.0	3.3	30.0
Isobutyl alcohol	Ave	0.6151	0.6520		530	500	6.0	30.0
2,2,4-Trimethylpentane	Ave	0.4367	0.4794		22.0	20.0	9.8	30.0
Benzene	Ave	1.588	1.749	0.5000	22.0	20.0	10.1	30.0
Isopropyl acetate	Ave	1.236	1.183		19.2	20.0	-4.2	30.0
Tert-amyl methyl ether	Ave	0.2421	0.2398		19.8	20.0	-0.9	30.0
1,2-Dichloroethane	Ave	0.4684	0.4799	0.1000	20.5	20.0	2.5	30.0
n-Heptane	Ave	0.1037	0.1099		21.2	20.0	6.0	30.0
n-Butanol	Ave	0.3028	0.2601		430	500	-14.1	30.0
Trichloroethene	Ave	0.2402	0.2643	0.2000	22.0	20.0	10.0	30.0
Methylcyclohexane	Ave	0.1723	0.1888	0.1000	21.9	20.0	9.6	30.0
Ethyl acrylate	Ave	0.6406	0.5888		18.4	20.0	-8.1	30.0
1,2-Dichloropropane	Ave	0.3047	0.3112	0.1000	20.4	20.0	2.1	30.0
Methyl methacrylate	Ave	0.0641	0.0595		37.1	40.0	-7.2	30.0
1,4-Dioxane	Ave	1.105	1.113		403	400	0.7	30.0
Dibromomethane	Ave	0.1832	0.1827		19.9	20.0	-0.3	30.0
n-Propyl acetate	Ave	0.5619	0.4997		17.8	20.0	-11.1	30.0
Dichlorobromomethane	Ave	0.3539	0.3745	0.2000	21.2	20.0	5.8	30.0
2-Chloroethyl vinyl ether	Ave	0.2083	0.1888		18.1	20.0	-9.3	30.0
2-Nitropropane	Ave	3.280	2.547		31.1	40.0	-22.3	30.0
Epichlorohydrin	Ave	0.1671	0.1903		22.8	20.0	13.9	30.0
cis-1,3-Dichloropropene	Ave	0.6612	0.6774	0.2000	20.5	20.0	2.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.859	1.803	0.0500	97.0	100	-3.0	30.0
Toluene	Ave	1.388	1.447	0.4000	20.9	20.0	4.3	30.0
trans-1,3-Dichloropropene	Ave	0.6328	0.6118	0.1000	19.3	20.0	-3.3	30.0
Ethyl methacrylate	Ave	0.3707	0.3615		19.5	20.0	-2.5	30.0
1,1,2-Trichloroethane	Ave	0.3109	0.3300	0.1000	21.2	20.0	6.1	30.0
Tetrachloroethene	Ave	0.2148	0.2333	0.2000	21.7	20.0	8.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716937/16 Calibration Date: 08/15/2020 10:10

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J04665.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5911	0.6133		20.8	20.0	3.8	30.0
2-Hexanone	Ave	0.6217	0.6309	0.0500	101	100	1.5	30.0
n-Butyl acetate	Ave	0.8654	0.8056		18.6	20.0	-6.9	30.0
Chlorodibromomethane	Ave	0.3629	0.3691	0.1000	20.3	20.0	1.7	30.0
Ethylene Dibromide	Ave	0.3450	0.3660	0.1000	21.2	20.0	6.1	30.0
Chlorobenzene	Ave	0.7697	0.8090	0.5000	21.0	20.0	5.1	30.0
Ethylbenzene	Ave	0.3602	0.3724	0.1000	20.7	20.0	3.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3001	0.3061		20.4	20.0	2.0	30.0
m-Xylene & p-Xylene	Ave	0.4216	0.4510	0.1000	21.4	20.0	7.0	30.0
n-Butyl acrylate	Ave	0.3325	0.2972		17.9	20.0	-10.6	30.0
o-Xylene	Ave	0.4406	0.4558	0.3000	20.7	20.0	3.5	30.0
Styrene	Ave	0.8069	0.8674	0.3000	21.5	20.0	7.5	30.0
Amyl acetate (mixed isomers)	Ave	2.486	2.188		17.6	20.0	-12.0	30.0
Bromoform	Ave	0.2339	0.2325	0.1000	19.9	20.0	-0.6	30.0
Isopropylbenzene	Ave	0.8424	0.8998	0.1000	21.4	20.0	6.8	30.0
Bromobenzene	Ave	0.7765	0.8315		21.4	20.0	7.1	30.0
1,1,2,2-Tetrachloroethane	Ave	1.212	1.180	0.3000	19.5	20.0	-2.6	30.0
N-Propylbenzene	Ave	2.673	2.772		20.7	20.0	3.7	30.0
1,2,3-Trichloropropane	Ave	0.3221	0.3161		19.6	20.0	-1.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4526	0.4490		19.8	20.0	-0.8	30.0
2-Chlorotoluene	Ave	2.159	2.201		20.4	20.0	1.9	30.0
4-Ethyltoluene	Ave	2.148	1.969		18.3	20.0	-8.3	30.0
1,3,5-Trimethylbenzene	Ave	1.792	1.888		21.1	20.0	5.3	30.0
4-Chlorotoluene	Ave	2.087	2.248		21.5	20.0	7.7	30.0
Butyl Methacrylate	Ave	1.148	1.038		18.1	20.0	-9.5	30.0
tert-Butylbenzene	Ave	1.309	1.385		21.2	20.0	5.8	30.0
1,2,4-Trimethylbenzene	Ave	1.913	2.010		21.0	20.0	5.0	30.0
sec-Butylbenzene	Ave	1.884	2.042		21.7	20.0	8.4	30.0
1,3-Dichlorobenzene	Ave	1.114	1.140	0.6000	20.5	20.0	2.3	30.0
4-Isopropyltoluene	Ave	1.644	1.713		20.8	20.0	4.2	30.0
1,4-Dichlorobenzene	Ave	1.182	1.235	0.5000	20.9	20.0	4.4	30.0
1,2,3-Trimethylbenzene	Ave	2.069	1.929		18.6	20.0	-6.8	30.0
Benzyl chloride	Ave	2.078	1.535		14.8	20.0	-26.1	30.0
Indan	Ave	2.164	1.970		18.2	20.0	-9.0	30.0
p-Diethylbenzene	Ave	0.8161	0.7687		18.8	20.0	-5.8	30.0
n-Butylbenzene	Ave	0.8641	0.9318		21.6	20.0	7.8	30.0
1,2-Dichlorobenzene	Ave	1.175	1.211	0.4000	20.6	20.0	3.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.615	1.513		18.7	20.0	-6.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2201	0.2351	0.0500	21.4	20.0	6.8	30.0
1,3,5-Trichlorobenzene	Ave	0.5984	0.5413		18.1	20.0	-9.5	30.0
1,2,4-Trichlorobenzene	Ave	0.5876	0.6436	0.2000	21.9	20.0	9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716937/16 Calibration Date: 08/15/2020 10:10

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J04665.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.2352	0.2973		25.3	20.0	26.4	30.0
Naphthalene	Ave	2.211	2.413		21.8	20.0	9.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5677	0.6421		22.6	20.0	13.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2319	0.2331		50.3	50.0	0.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3674	0.3700		50.4	50.0	0.7	30.0
Toluene-d8 (Surr)	Ave	1.134	1.141		50.3	50.0	0.7	30.0
4-Bromofluorobenzene	Ave	0.2758	0.2739		49.7	50.0	-0.7	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04665.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 15-Aug-2020 10:10:30 ALS Bottle#: 25 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0115118-016
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 20:16:07 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: baronm Date: 16-Aug-2020 12:22:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.308	1.309	-0.001	88	1860	20.0	38.4	
3 Dichlorodifluoromethane	85	1.331	1.332	-0.001	99	40703	20.0	21.5	
4 1,1-Difluoroethane	65	1.342	1.343	-0.001	91	15573	20.0	22.2	a
5 Chlorodifluoromethane	67	1.377	1.377	0.000	95	6373	20.0	28.9	
6 Chloromethane	50	1.525	1.526	-0.001	99	62047	20.0	20.4	
7 Vinyl chloride	62	1.582	1.583	-0.001	98	56739	20.0	21.5	
8 Butadiene	54	1.605	1.606	-0.001	96	55232	20.0	22.2	
9 Bromomethane	94	1.856	1.868	-0.012	99	24405	20.0	25.8	
10 Chloroethane	64	1.948	1.948	0.000	98	30202	20.0	20.9	
12 Dichlorofluoromethane	67	2.107	2.108	-0.001	99	80593	20.0	20.7	
11 Trichlorofluoromethane	101	2.119	2.119	0.000	98	61412	20.0	21.7	
13 Pentane	72	2.153	2.165	-0.012	95	6764	40.0	42.6	
14 Ethanol	46	2.313	2.313	0.000	97	11607	800.0	746.5	
15 Ethyl ether	59	2.347	2.359	-0.012	93	42394	20.0	21.5	
16 2-Methyl-1,3-butadiene	53	2.370	2.370	0.000	95	39418	20.0	18.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.393	2.393	0.000	97	24635	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.450	2.450	0.000	98	51128	20.0	19.3	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.507	2.507	0.000	92	27585	20.0	21.0	
20 Acrolein	56	2.518	2.519	-0.001	95	13620	40.1	36.8	
21 1,1-Dichloroethene	96	2.541	2.542	-0.001	91	32785	20.0	21.6	
22 Acetone	43	2.644	2.644	0.000	85	87516	100.0	97.2	
23 Iodomethane	142	2.701	2.702	-0.001	98	15857	20.0	8.32	M
24 Carbon disulfide	76	2.724	2.724	0.000	100	137284	20.0	21.1	
25 Isopropyl alcohol	45	2.735	2.736	-0.001	99	38680	200.0	168.9	
26 3-Chloro-1-propene	76	2.861	2.861	0.000	93	24360	20.0	21.0	
27 Cyclopentene	67	2.872	2.873	-0.001	95	93913	20.0	19.8	
28 Methyl acetate	43	2.884	2.884	0.000	99	100918	40.0	42.3	
29 Acetonitrile	41	2.929	2.941	-0.012	98	79440	200.0	181.6	
30 Methylene Chloride	84	2.986	2.987	-0.001	94	45651	20.0	22.8	
* 31 TBA-d9 (IS)	65	2.986	2.987	-0.001	91	293098	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.055	3.055	0.000	99	65787	200.0	199.8	
33 Methyl tert-butyl ether	73	3.146	3.147	-0.001	97	137485	20.0	20.6	
34 trans-1,2-Dichloroethene	96	3.169	3.170	-0.001	95	39259	20.0	21.8	
35 Acrylonitrile	53	3.249	3.250	-0.001	94	220710	200.0	215.0	
36 Hexane	57	3.318	3.318	0.000	94	29852	20.0	22.0	
37 Isopropyl ether	45	3.534	3.546	-0.012	98	174119	20.0	18.4	
38 1,1-Dichloroethane	63	3.557	3.569	-0.012	99	93240	20.0	21.2	
39 Vinyl acetate	43	3.580	3.592	-0.012	100	166659	40.0	24.7	
40 2-Chloro-1,3-butadiene	88	3.603	3.615	-0.012	94	30441	20.0	18.3	
41 Tert-butyl ethyl ether	59	3.854	3.855	-0.001	86	143938	20.0	18.0	
* 43 2-Butanone-d5	46	4.060	4.060	0.000	93	380419	250.0	250.0	
42 2,2-Dichloropropane	79	4.048	4.060	-0.012	92	20066	20.0	18.5	
44 cis-1,2-Dichloroethene	96	4.082	4.083	-0.001	90	44329	20.0	21.2	
46 2-Butanone (MEK)	72	4.117	4.117	0.000	95	27988	100.0	98.3	
45 Ethyl acetate	70	4.117	4.117	0.000	94	10833	40.0	37.3	
47 Methyl acrylate	55	4.162	4.163	-0.001	99	45828	20.0	17.5	
48 Propionitrile	54	4.242	4.243	-0.001	97	77102	200.0	186.8	
49 Chlorobromomethane	128	4.311	4.311	0.000	93	18448	20.0	19.5	
50 Tetrahydrofuran	72	4.322	4.323	-0.001	93	14479	40.0	42.1	
51 Methacrylonitrile	67	4.345	4.346	-0.001	97	194427	200.0	189.2	
52 Chloroform	83	4.356	4.368	-0.012	97	82102	20.0	21.5	
53 Cyclohexane	84	4.482	4.483	-0.001	96	35522	20.0	20.4	
54 1,1,1-Trichloroethane	97	4.505	4.505	0.000	97	66355	20.0	20.2	
$ 55 Dibromofluoromethane (Surr)	113	4.516	4.517	-0.001	94	93163	50.0	50.3	
56 Carbon tetrachloride	117	4.619	4.620	-0.001	97	51305	20.0	20.8	
57 1,1-Dichloropropene	75	4.653	4.654	-0.001	90	59313	20.0	20.7	
59 Isobutyl alcohol	43	4.802	4.802	0.000	96	95557	500.0	530.0	
58 Isooctane	57	4.813	4.825	-0.012	97	76627	20.0	22.0	
60 Benzene	78	4.847	4.859	-0.012	98	179849	20.0	22.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.870	4.871	-0.001	0	147837	50.0	50.4	
62 Tert-amyl methyl ether	55	4.927	4.928	-0.001	66	38338	20.0	19.8	
63 Isopropyl acetate	43	4.927	4.928	-0.001	94	189129	20.0	19.2	
64 1,2-Dichloroethane	62	4.950	4.951	-0.001	96	76710	20.0	20.5	
65 n-Heptane	57	5.007	5.008	-0.001	98	17573	20.0	21.2	
* 66 Fluorobenzene	96	5.144	5.145	-0.001	96	399605	50.0	50.0	
68 n-Butanol	56	5.475	5.476	-0.001	96	38124	500.0	429.6	
67 Trichloroethene	95	5.498	5.499	-0.001	91	42239	20.0	22.0	
69 Methylcyclohexane	83	5.612	5.613	-0.001	82	30185	20.0	21.9	
70 Ethyl acrylate	55	5.635	5.636	-0.001	98	94121	20.0	18.4	
71 1,2-Dichloropropane	63	5.795	5.795	0.000	86	49739	20.0	20.4	
* 72 1,4-Dioxane-d8	96	5.863	5.864	-0.001	0	24130	1000.0	1000.0	
73 Methyl methacrylate	100	5.886	5.887	-0.001	93	19024	40.0	37.1	
74 Dibromomethane	93	5.921	5.921	0.000	90	29201	20.0	19.9	
75 1,4-Dioxane	88	5.921	5.921	0.000	46	10741	400.0	402.8	
76 n-Propyl acetate	43	5.943	5.944	-0.001	98	79877	20.0	17.8	
77 Dichlorobromomethane	83	6.069	6.069	0.000	98	59868	20.0	21.2	
79 2-Nitropropane	41	6.423	6.423	0.000	82	29856	40.0	31.1	
78 2-Chloroethyl vinyl ether	63	6.423	6.423	0.000	68	30185	20.0	18.1	
80 Epichlorohydrin	57	6.537	6.538	-0.001	96	5792	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.583	6.583	0.000	98	69657	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.765	6.766	-0.001	98	274315	100.0	97.0	
$ 83 Toluene-d8 (Surr)	98	6.822	6.834	-0.012	97	293433	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.902	6.903	-0.001	92	148818	20.0	20.9	
85 trans-1,3-Dichloropropene	75	7.256	7.268	-0.012	97	62912	20.0	19.3	
86 Ethyl methacrylate	69	7.302	7.303	0.000	96	57777	20.0	19.5	
87 1,1,2-Trichloroethane	83	7.473	7.485	-0.012	95	33933	20.0	21.2	
88 Tetrachloroethene	166	7.519	7.519	0.000	92	23994	20.0	21.7	
89 1,3-Dichloropropane	76	7.690	7.691	-0.001	97	63071	20.0	20.8	
90 2-Hexanone	58	7.770	7.771	-0.001	99	96002	100.0	101.5	
91 n-Butyl acetate	43	7.884	7.885	-0.001	96	82840	20.0	18.6	
92 Chlorodibromomethane	129	7.918	7.919	-0.001	96	37958	20.0	20.3	
93 Ethylene Dibromide	107	8.078	8.079	-0.001	98	37641	20.0	21.2	
* 94 Chlorobenzene-d5	117	8.626	8.638	-0.012	92	257090	50.0	50.0	
95 Chlorobenzene	112	8.672	8.673	-0.001	91	83199	20.0	21.0	
96 Ethylbenzene	106	8.775	8.775	0.000	99	38292	20.0	20.7	
97 1,1,1,2-Tetrachloroethane	131	8.786	8.798	-0.012	92	31478	20.0	20.4	
98 m-Xylene & p-Xylene	106	8.935	8.947	-0.012	0	46383	20.0	21.4	
99 o-Xylene	106	9.426	9.426	0.000	91	46870	20.0	20.7	
100 n-Butyl acrylate	73	9.426	9.426	0.000	94	30563	20.0	17.9	
101 Styrene	104	9.460	9.460	0.000	91	89201	20.0	21.5	
102 Bromoform	173	9.665	9.666	-0.001	93	23913	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.654	9.666	-0.012	86	85983	20.0	17.6	
104 Isopropylbenzene	105	9.791	9.791	0.000	98	92533	20.0	21.4	
$ 105 4-Bromofluorobenzene	174	9.974	9.985	-0.011	83	70429	50.0	49.7	
106 Bromobenzene	156	10.099	10.100	-0.001	95	32678	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	10.145	10.145	0.000	98	46394	20.0	19.5	
108 N-Propylbenzene	91	10.168	10.168	0.000	98	108936	20.0	20.7	
109 1,2,3-Trichloropropane	110	10.179	10.191	-0.012	96	12424	20.0	19.6	
110 trans-1,4-Dichloro-2-butene	53	10.202	10.202	0.000	89	17646	20.0	19.8	
111 2-Chlorotoluene	91	10.259	10.259	0.000	97	86501	20.0	20.4	
112 4-Ethyltoluene	105	10.270	10.271	-0.001	96	77381	20.0	18.3	
113 1,3,5-Trimethylbenzene	105	10.327	10.328	-0.001	91	74185	20.0	21.1	
114 4-Chlorotoluene	91	10.350	10.351	-0.001	99	88332	20.0	21.5	
115 Butyl Methacrylate	87	10.407	10.408	-0.001	98	40807	20.0	18.1	
116 tert-Butylbenzene	119	10.567	10.568	-0.001	90	54429	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	10.613	10.613	0.000	99	78993	20.0	21.0	
118 sec-Butylbenzene	105	10.727	10.728	-0.001	98	80247	20.0	21.7	
119 4-Isopropyltoluene	119	10.841	10.842	-0.001	96	67338	20.0	20.8	
120 1,3-Dichlorobenzene	146	10.841	10.842	-0.001	79	44808	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	10.887	10.887	0.000	97	98255	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.910	10.910	0.000	95	48519	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.921	10.922	-0.001	99	75813	20.0	18.6	
124 Benzyl chloride	91	11.012	11.013	-0.001	98	60340	20.0	14.8	
125 2,3-Dihydroindene	117	11.058	11.059	-0.001	94	77427	20.0	18.2	
126 p-Diethylbenzene	119	11.104	11.093	0.011	92	30212	20.0	18.8	
127 n-Butylbenzene	92	11.115	11.116	-0.001	96	36620	20.0	21.6	
128 1,2-Dichlorobenzene	146	11.161	11.161	0.000	93	47604	20.0	20.6	
129 1,2,4,5-Tetramethylbenzene	119	11.595	11.584	0.011	96	59448	20.0	18.7	
130 1,2-Dibromo-3-Chloropropane	157	11.675	11.652	0.023	93	9239	20.0	21.4	
131 1,3,5-Trichlorobenzene	180	11.755	11.744	0.011	95	21274	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	12.154	12.143	0.011	94	25294	20.0	21.9	
133 Hexachlorobutadiene	225	12.223	12.200	0.023	93	11685	20.0	25.3	
134 Naphthalene	128	12.325	12.314	0.011	98	94822	20.0	21.8	
135 1,2,3-Trichlorobenzene	180	12.485	12.474	0.011	94	25236	20.0	22.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.0	
S 137 Xylenes, Total	100				0		40.0	42.1	
S 138 Total BTEX	1				0		100.0	105.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonsSS_00023	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00115	Amount Added: 4.00	Units: uL		
8260 SP_00128	Amount Added: 20.00	Units: uL		
GAS C SP_00369	Amount Added: 20.00	Units: uL		
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00210	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 16-Aug-2020 20:19:15 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04665.D

Injection Date: 15-Aug-2020 10:10:30 Instrument ID: CVOAMS8 Operator ID:

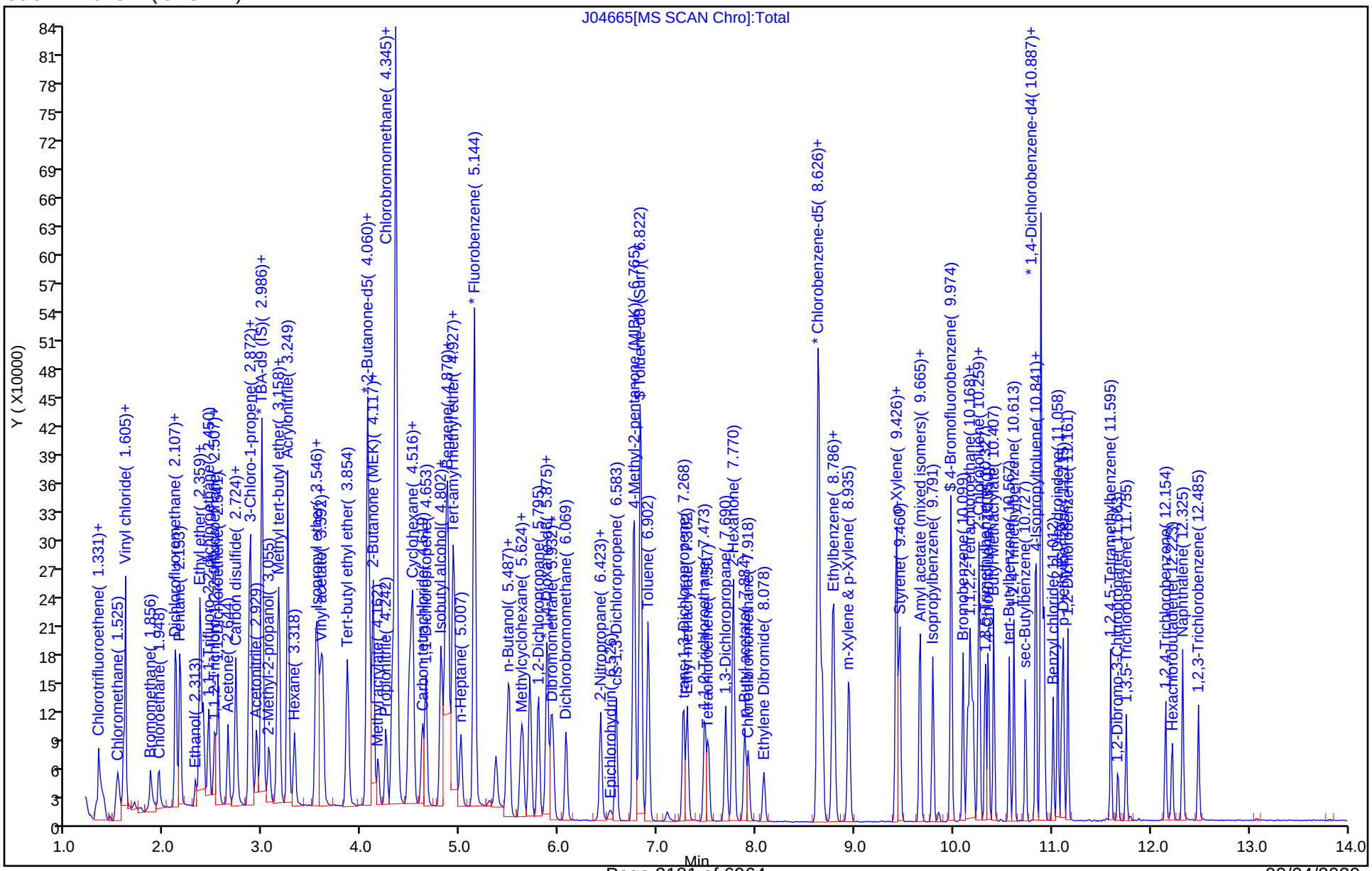
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

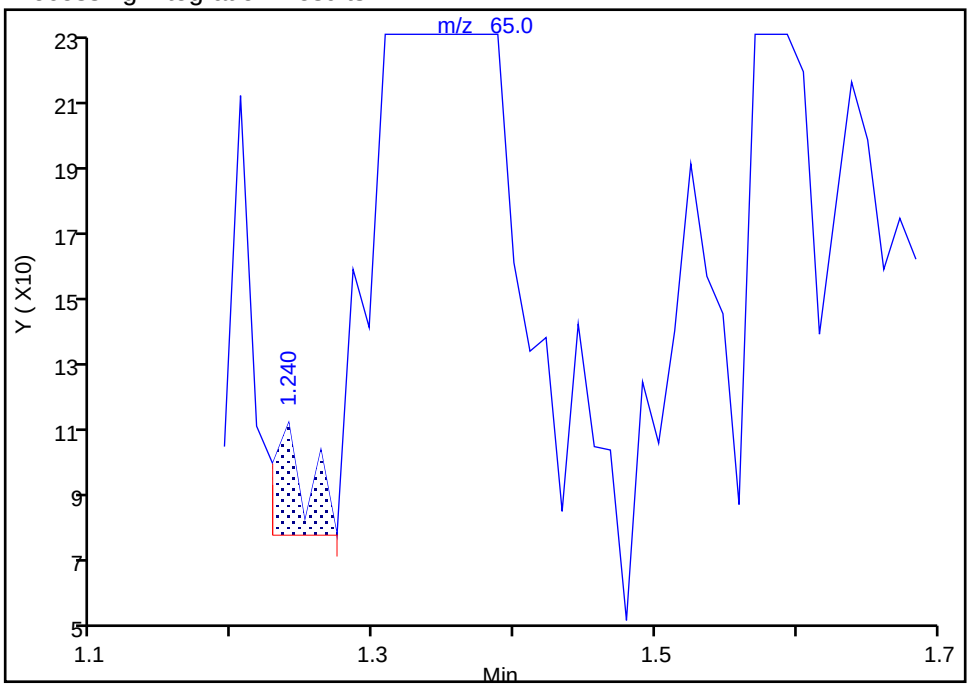
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04665.D
Injection Date: 15-Aug-2020 10:10:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

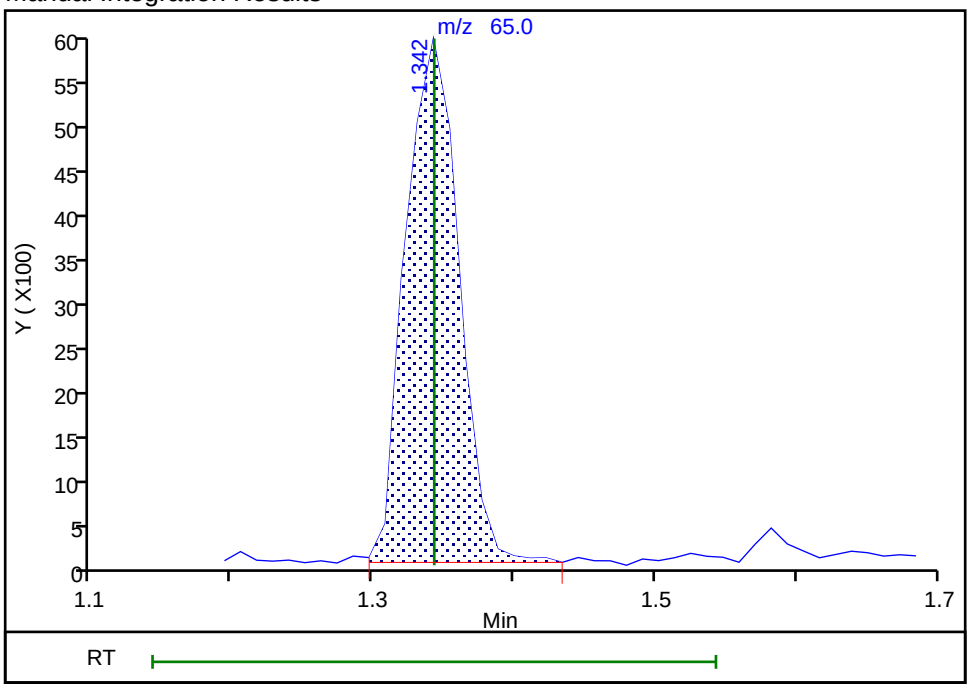
Processing Integration Results

RT: 1.24
Area: 57
Amount: 0.081279
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 15573
Amount: 22.206264
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 12:22:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

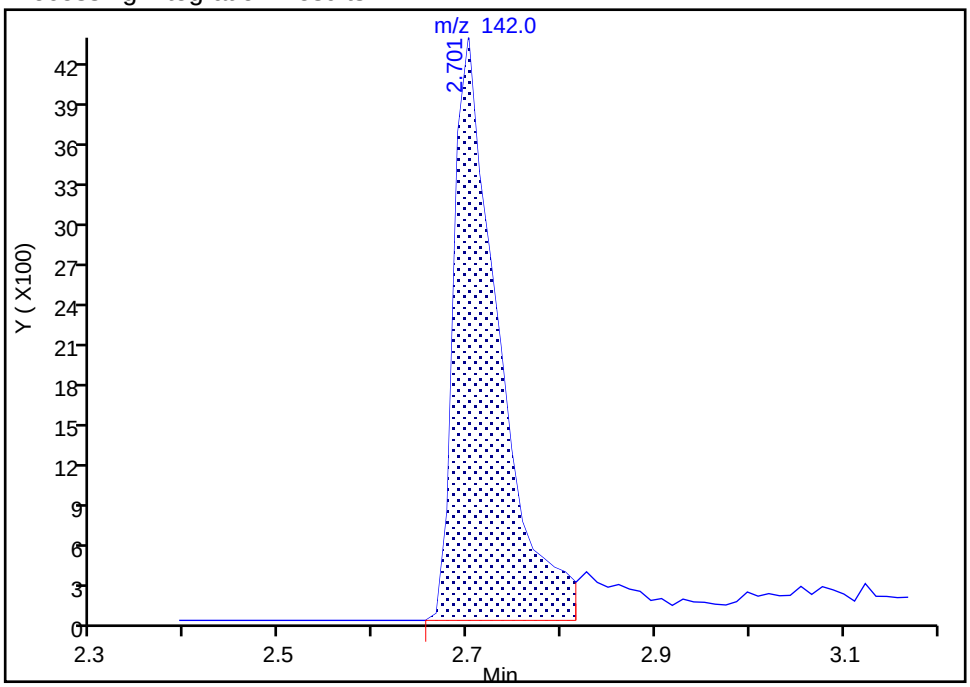
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04665.D
Injection Date: 15-Aug-2020 10:10:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Signal: 1

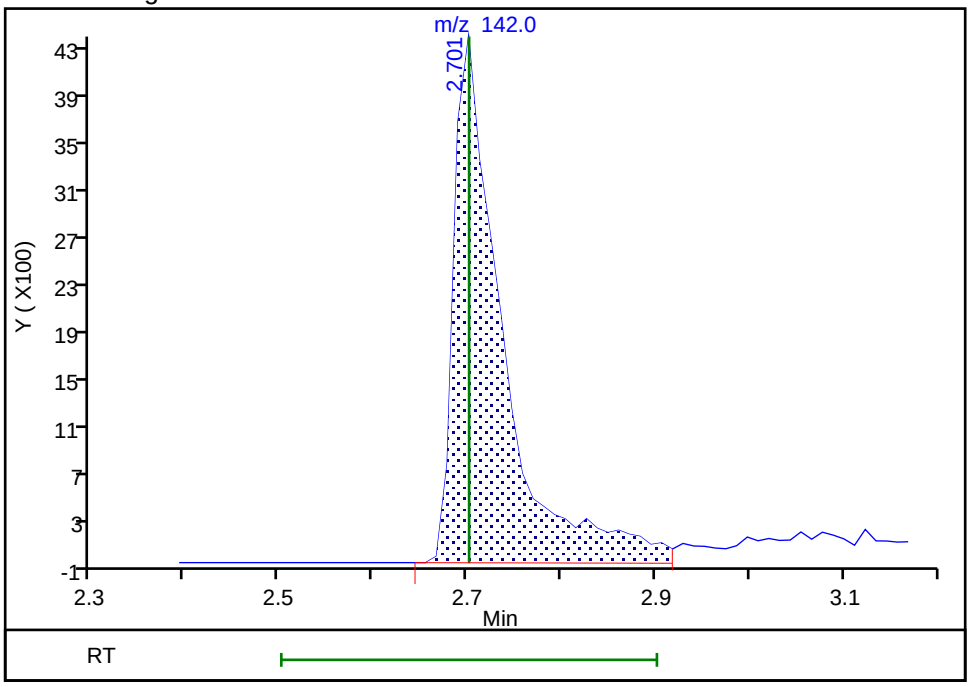
Processing Integration Results

RT: 2.70
Area: 14418
Amount: 7.563816
Amount Units: ug/l



Manual Integration Results

RT: 2.70
Area: 15857
Amount: 8.319086
Amount Units: ug/l



Reviewer: baronm, 16-Aug-2020 20:13:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720644/4 Calibration Date: 08/30/2020 10:20

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J05414.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2373	0.3168	0.1000	26.7	20.0	33.5*	20.0
Chloromethane	Ave	0.3803	0.3806	0.1000	20.0	20.0	0.0	20.0
Vinyl chloride	Ave	0.3299	0.3447	0.1000	20.9	20.0	4.5	20.0
Butadiene	Ave	0.3109	0.3301		21.2	20.0	6.2	20.0
Bromomethane	Ave	0.1183	0.1488	0.1000	25.2	20.0	25.8	50.0
Chloroethane	Ave	0.1811	0.1793	0.1000	19.8	20.0	-1.0	50.0
Dichlorofluoromethane	Ave	0.4864	0.4900		20.1	20.0	0.7	20.0
Trichlorofluoromethane	Ave	0.3534	0.3628	0.1000	20.5	20.0	2.7	20.0
Pentane	Ave	0.5415	0.8930		66.0	40.0	64.9*	20.0
Ethanol	Ave	0.0530	0.0597		900	800	12.5	50.0
Ethyl ether	Ave	0.2473	0.2155		17.4	20.0	-12.9	20.0
2-Methyl-1,3-butadiene	Ave	0.2661	0.2673		20.1	20.0	0.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1642	0.1739	0.1000	21.2	20.0	5.9	20.0
Acrolein	Ave	1.264	1.652		52.3	40.0	30.7	50.0
1,1-Dichloroethene	Ave	0.1899	0.2022	0.1000	21.3	20.0	6.5	20.0
Acetone	Ave	0.5916	0.6005	0.0500	102	100	1.5	50.0
Iodomethane	QuaF		0.1942		16.3	20.0	-18.5	20.0
Carbon disulfide	Ave	0.8158	0.7899	0.1000	19.4	20.0	-3.2	50.0
Isopropyl alcohol	Ave	0.7814	0.7831		200	200	0.2	50.0
Allyl chloride	Ave	0.1449	0.1341		18.5	20.0	-7.4	20.0
Cyclopentene	Ave	0.5927	0.6131		20.7	20.0	3.4	20.0
Methyl acetate	Ave	0.2984	0.2286	0.1000	30.6	40.0	-23.4*	20.0
Acetonitrile	Ave	1.492	1.878		252	200	25.8*	20.0
Methylene Chloride	Ave	0.2510	0.2524	0.1000	20.1	20.0	0.5	20.0
2-Methyl-2-propanol	Ave	1.123	1.054		188	200	-6.2	50.0
Methyl tert-butyl ether	Ave	0.8369	0.6820	0.1000	16.3	20.0	-18.5	20.0
trans-1,2-Dichloroethene	Ave	0.2256	0.2306	0.1000	20.4	20.0	2.2	20.0
Acrylonitrile	Ave	3.502	4.502		257	200	28.6*	20.0
Hexane	Ave	0.1700	0.1866		22.0	20.0	9.8	20.0
Isopropyl ether	Ave	1.184	1.042		17.6	20.0	-12.1	20.0
1,1-Dichloroethane	Ave	0.5498	0.5145	0.2000	18.7	20.0	-6.4	20.0
Vinyl acetate	Ave	0.8455	0.6468		30.6	40.0	-23.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.2087	0.2091		20.0	20.0	0.2	20.0
Tert-butyl ethyl ether	Ave	0.999	0.8452		16.9	20.0	-15.4	20.0
2,2-Dichloropropane	Ave	0.1359	0.1170		17.2	20.0	-13.9	20.0
cis-1,2-Dichloroethene	Ave	0.2616	0.2576	0.1000	19.7	20.0	-1.5	20.0
2-Butanone (MEK)	Ave	0.1872	0.1912	0.0500	102	100	2.2	50.0
Ethyl acetate	Qua		0.2096		44.2	40.0	10.4	20.0
Methyl acrylate	Ave	0.3279	0.2355		14.4	20.0	-28.2*	20.0
Propionitrile	Ave	1.408	1.701		242	200	20.8*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720644/4 Calibration Date: 08/30/2020 10:20

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J05414.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1183	0.1154		19.5	20.0	-2.5	20.0
Tetrahydrofuran	Ave	0.2260	0.2176		38.5	40.0	-3.7	20.0
Methacrylonitrile	Ave	0.1286	0.1086		169	200	-15.5	20.0
Chloroform	Ave	0.4769	0.4598	0.2000	19.3	20.0	-3.6	20.0
Cyclohexane	Ave	0.2182	0.2019	0.1000	18.5	20.0	-7.5	50.0
1,1,1-Trichloroethane	Ave	0.4103	0.3427	0.1000	16.7	20.0	-16.5	20.0
Carbon tetrachloride	Ave	0.3087	0.2349	0.1000	15.2	20.0	-23.9*	20.0
1,1-Dichloropropene	Ave	0.3593	0.3296		18.3	20.0	-8.3	20.0
Isobutyl alcohol	Ave	0.6151	0.7022		571	500	14.2	50.0
2,2,4-Trimethylpentane	Ave	0.4367	0.5681		26.0	20.0	30.1*	20.0
Benzene	Ave	1.588	1.488	0.5000	18.7	20.0	-6.3	20.0
Isopropyl acetate	Ave	1.236	0.8765		14.2	20.0	-29.1*	20.0
Tert-amyl methyl ether	Ave	0.2421	0.2275		18.8	20.0	-6.0	20.0
1,2-Dichloroethane	Ave	0.4684	0.4074	0.1000	17.4	20.0	-13.0	20.0
n-Heptane	Ave	0.1037	0.1048		20.2	20.0	1.0	20.0
n-Butanol	Ave	0.3028	0.2866		473	500	-5.3	50.0
Trichloroethene	Ave	0.2402	0.2386	0.2000	19.9	20.0	-0.6	20.0
Methylcyclohexane	Ave	0.1723	0.1849	0.1000	21.5	20.0	7.3	50.0
Ethyl acrylate	Ave	0.6406	0.5373		16.8	20.0	-16.1	20.0
1,2-Dichloropropane	Ave	0.3047	0.2851	0.1000	18.7	20.0	-6.4	20.0
Methyl methacrylate	Ave	0.0641	0.0526		32.8	40.0	-17.9	20.0
1,4-Dioxane	Ave	1.105	1.077		390	400	-2.5	50.0
Dibromomethane	Ave	0.1832	0.1637		17.9	20.0	-10.6	20.0
n-Propyl acetate	Ave	0.5619	0.4341		15.5	20.0	-22.7*	20.0
Dichlorobromomethane	Ave	0.3539	0.3195	0.2000	18.1	20.0	-9.7	20.0
2-Chloroethyl vinyl ether	Ave	0.2083	0.1683		16.2	20.0	-19.2	20.0
2-Nitropropane	Ave	3.280	1.859		22.7	40.0	-43.3*	20.0
Epichlorohydrin	Ave	0.1671	0.1886		451	400	12.8	20.0
cis-1,3-Dichloropropene	Ave	0.6612	0.5959	0.2000	18.0	20.0	-9.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.859	1.941	0.0500	104	100	4.4	50.0
Toluene	Ave	1.388	1.308	0.4000	18.8	20.0	-5.8	20.0
trans-1,3-Dichloropropene	Ave	0.6328	0.5222	0.1000	16.5	20.0	-17.5	50.0
Ethyl methacrylate	Ave	0.3707	0.2851		15.4	20.0	-23.1*	20.0
1,1,2-Trichloroethane	Ave	0.3109	0.2838	0.1000	18.3	20.0	-8.7	20.0
Tetrachloroethene	Ave	0.2148	0.2244	0.2000	20.9	20.0	4.5	20.0
1,3-Dichloropropane	Ave	0.5911	0.5370		18.2	20.0	-9.1	20.0
2-Hexanone	Ave	0.6217	0.6311	0.0500	102	100	1.5	50.0
n-Butyl acetate	Ave	0.8654	0.6077		14.0	20.0	-29.8*	20.0
Chlorodibromomethane	Ave	0.3629	0.2739	0.1000	15.1	20.0	-24.5	50.0
Ethylene Dibromide	Ave	0.3450	0.3188	0.1000	18.5	20.0	-7.6	20.0
Chlorobenzene	Ave	0.7697	0.7652	0.5000	19.9	20.0	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720644/4 Calibration Date: 08/30/2020 10:20

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J05414.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.3602	0.3320	0.1000	18.4	20.0	-7.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3001	0.2457		16.4	20.0	-18.1	20.0
m-Xylene & p-Xylene	Ave	0.4216	0.3985	0.1000	18.9	20.0	-5.5	20.0
n-Butyl acrylate	Ave	0.3325	0.2452		14.7	20.0	-26.3*	20.0
o-Xylene	Ave	0.4406	0.4161	0.3000	18.9	20.0	-5.5	20.0
Styrene	Ave	0.8069	0.7802	0.3000	19.3	20.0	-3.3	20.0
Amyl acetate (mixed isomers)	Ave	2.486	1.595		12.8	20.0	-35.9*	20.0
Bromoform	Ave	0.2339	0.1468	0.1000	12.6	20.0	-37.2*	20.0
Isopropylbenzene	Ave	0.8424	0.8119	0.1000	19.3	20.0	-3.6	20.0
Bromobenzene	Ave	0.7765	0.7380		19.0	20.0	-5.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.212	1.015	0.3000	16.7	20.0	-16.3	20.0
N-Propylbenzene	Ave	2.673	2.451		18.3	20.0	-8.3	20.0
1,2,3-Trichloropropane	Ave	0.3221	0.2463		15.3	20.0	-23.5*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4526	0.3105		13.7	20.0	-31.4*	20.0
2-Chlorotoluene	Ave	2.159	1.957		18.1	20.0	-9.4	20.0
4-Ethyltoluene	Ave	2.148	2.010		18.7	20.0	-6.4	20.0
1,3,5-Trimethylbenzene	Ave	1.792	1.642		18.3	20.0	-8.4	20.0
4-Chlorotoluene	Ave	2.087	1.912		18.3	20.0	-8.4	20.0
Butyl Methacrylate	Ave	1.148	0.8810		15.4	20.0	-23.2*	20.0
tert-Butylbenzene	Ave	1.309	1.249		19.1	20.0	-4.6	20.0
1,2,4-Trimethylbenzene	Ave	1.913	1.788		18.7	20.0	-6.6	20.0
sec-Butylbenzene	Ave	1.884	1.879		19.9	20.0	-0.3	20.0
1,3-Dichlorobenzene	Ave	1.114	1.101	0.6000	19.7	20.0	-1.3	20.0
4-Isopropyltoluene	Ave	1.644	1.553		18.9	20.0	-5.5	20.0
1,4-Dichlorobenzene	Ave	1.182	1.168	0.5000	19.8	20.0	-1.2	20.0
1,2,3-Trimethylbenzene	Ave	2.069	2.019		19.5	20.0	-2.4	20.0
Benzyl chloride	Ave	2.078	1.370		13.2	20.0	-34.0	50.0
Indan	Ave	2.164	2.047		18.9	20.0	-5.4	20.0
p-Diethylbenzene	Ave	0.8161	0.8378		20.5	20.0	2.7	20.0
n-Butylbenzene	Ave	0.8641	0.8918		20.6	20.0	3.2	20.0
1,2-Dichlorobenzene	Ave	1.175	1.150	0.4000	19.6	20.0	-2.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.615	1.573		19.5	20.0	-2.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2201	0.1411	0.0500	12.8	20.0	-35.9	50.0
1,3,5-Trichlorobenzene	Ave	0.5984	0.6759		22.6	20.0	12.9	20.0
1,2,4-Trichlorobenzene	Ave	0.5876	0.6212	0.2000	21.1	20.0	5.7	20.0
Hexachlorobutadiene	Ave	0.2352	0.2849		24.2	20.0	21.1*	20.0
Naphthalene	Ave	2.211	1.790		16.2	20.0	-19.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5677	0.6083		21.4	20.0	7.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2319	0.2214		47.7	50.0	-4.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3674	0.3147		42.8	50.0	-14.3	20.0
Toluene-d8 (Surr)	Ave	1.134	1.098		48.4	50.0	-3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720644/4 Calibration Date: 08/30/2020 10:20

Instrument ID: CVOAMS8 Calib Start Date: 08/15/2020 04:48

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2020 07:17

Lab File ID: J05414.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.2758	0.2847		51.6	50.0	3.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05414.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Aug-2020 10:20:30 ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub60

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 08:14:55 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1055

First Level Reviewer: asfawa Date: 31-Aug-2020 07:58:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.342	1.342	0.000	99	46129	20.0	26.7	
6 Chloromethane	50	1.524	1.524	0.000	99	55423	20.0	20.0	
7 Vinyl chloride	62	1.581	1.581	0.000	98	50195	20.0	20.9	
8 Butadiene	54	1.604	1.604	0.000	94	48067	20.0	21.2	
9 Bromomethane	94	1.867	1.867	0.000	99	21673	20.0	25.2	
10 Chloroethane	64	1.947	1.947	0.000	98	26105	20.0	19.8	
12 Dichlorofluoromethane	67	2.118	2.118	0.000	98	71361	20.0	20.1	
11 Trichlorofluoromethane	101	2.118	2.118	0.000	98	52836	20.0	20.5	
13 Pentane	72	2.164	2.164	0.000	95	5987	40.0	66.0	
14 Ethanol	46	2.312	2.312	0.000	98	7999	800.0	899.7	
15 Ethyl ether	59	2.358	2.358	0.000	92	31378	20.0	17.4	
16 2-Methyl-1,3-butadiene	53	2.369	2.369	0.000	95	38918	20.0	20.1	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.517	2.517	0.000	93	25320	20.0	21.2	
20 Acrolein	56	2.529	2.529	0.000	96	11076	40.0	52.3	
21 1,1-Dichloroethene	96	2.552	2.552	0.000	93	29448	20.0	21.3	
22 Acetone	43	2.643	2.643	0.000	85	60341	100.0	101.5	
23 Iodomethane	142	2.700	2.700	0.000	98	28283	20.0	16.3	
24 Carbon disulfide	76	2.723	2.723	0.000	100	115031	20.0	19.4	
25 Isopropyl alcohol	45	2.734	2.734	0.000	98	26252	200.0	200.5	
26 3-Chloro-1-propene	76	2.860	2.860	0.000	89	19531	20.0	18.5	
27 Cyclopentene	67	2.883	2.883	0.000	93	89279	20.0	20.7	
28 Methyl acetate	43	2.883	2.883	0.000	96	66570	40.0	30.6	
29 Acetonitrile	41	2.940	2.940	0.000	99	62959	200.0	251.7	
30 Methylene Chloride	84	2.986	2.986	0.000	60	36751	20.0	20.1	a
* 31 TBA-d9 (IS)	65	2.986	2.986	0.000	94	167606	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.054	3.054	0.000	97	35337	200.0	187.7	
33 Methyl tert-butyl ether	73	3.145	3.145	0.000	96	99318	20.0	16.3	
34 trans-1,2-Dichloroethene	96	3.168	3.168	0.000	97	33587	20.0	20.4	
35 Acrylonitrile	53	3.260	3.260	0.000	94	150923	200.0	257.1	
36 Hexane	57	3.328	3.328	0.000	92	27173	20.0	22.0	
37 Isopropyl ether	45	3.545	3.545	0.000	97	151671	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	3.568	3.568	0.000	99	74925	20.0	18.7	
39 Vinyl acetate	43	3.591	3.591	0.000	100	188368	40.0	30.6	
40 2-Chloro-1,3-butadiene	88	3.613	3.613	0.000	94	30450	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.865	3.865	0.000	86	123076	20.0	16.9	
42 2,2-Dichloropropane	79	4.059	4.059	0.000	87	17034	20.0	17.2	
* 43 2-Butanone-d5	46	4.059	4.059	0.000	95	251193	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.093	4.093	0.000	91	37515	20.0	19.7	
46 2-Butanone (MEK)	72	4.116	4.116	0.000	95	19216	100.0	102.2	
45 Ethyl acetate	70	4.127	4.127	0.000	95	8424	40.0	44.2	
47 Methyl acrylate	55	4.173	4.173	0.000	99	34288	20.0	14.4	
48 Propionitrile	54	4.253	4.253	0.000	97	57034	200.0	241.7	
49 Chlorobromomethane	128	4.310	4.310	0.000	94	16804	20.0	19.5	
50 Tetrahydrofuran	72	4.321	4.321	0.000	90	8745	40.0	38.5	
51 Methacrylonitrile	67	4.356	4.356	0.000	96	158196	200.0	168.9	
52 Chloroform	83	4.367	4.367	0.000	97	66962	20.0	19.3	
53 Cyclohexane	84	4.493	4.493	0.000	97	29402	20.0	18.5	
54 1,1,1-Trichloroethane	97	4.504	4.504	0.000	96	49901	20.0	16.7	
$ 55 Dibromofluoromethane (Surr)	113	4.527	4.527	0.000	95	80592	50.0	47.7	
56 Carbon tetrachloride	117	4.630	4.630	0.000	98	34210	20.0	15.2	
57 1,1-Dichloropropene	75	4.664	4.664	0.000	92	47996	20.0	18.3	
59 Isobutyl alcohol	43	4.801	4.801	0.000	96	58847	500.0	570.8	
58 Isooctane	57	4.824	4.824	0.000	96	82722	20.0	26.0	
60 Benzene	78	4.858	4.858	0.000	98	147668	20.0	18.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.881	4.881	0.000	0	114578	50.0	42.8	
63 Isopropyl acetate	43	4.926	4.926	0.000	93	127637	20.0	14.2	
62 Tert-amyl methyl ether	55	4.926	4.926	0.000	71	33133	20.0	18.8	
64 1,2-Dichloroethane	62	4.961	4.961	0.000	96	59325	20.0	17.4	
65 n-Heptane	57	5.018	5.018	0.000	97	15254	20.0	20.2	
* 66 Fluorobenzene	96	5.155	5.155	0.000	97	364057	50.0	50.0	
68 n-Butanol	56	5.474	5.474	0.000	97	24018	500.0	473.3	
67 Trichloroethene	95	5.509	5.509	0.000	92	34748	20.0	19.9	
69 Methylcyclohexane	83	5.623	5.623	0.000	83	26924	20.0	21.5	
70 Ethyl acrylate	55	5.646	5.646	0.000	98	78247	20.0	16.8	
71 1,2-Dichloropropane	63	5.805	5.805	0.000	89	41510	20.0	18.7	
* 72 1,4-Dioxane-d8	96	5.874	5.874	0.000	0	16431	1000.0	1000.0	
73 Methyl methacrylate	100	5.885	5.885	0.000	94	15317	40.0	32.8	
75 1,4-Dioxane	88	5.931	5.931	0.000	40	7079	400.0	389.8	
74 Dibromomethane	93	5.931	5.931	0.000	91	23841	20.0	17.9	
76 n-Propyl acetate	43	5.943	5.943	0.000	98	63208	20.0	15.5	
77 Dichlorobromomethane	83	6.080	6.080	0.000	98	46531	20.0	18.1	
78 2-Chloroethyl vinyl ether	63	6.433	6.433	0.000	81	24572	20.0	16.2	
79 2-Nitropropane	41	6.433	6.433	0.000	74	12465	40.0	22.7	
80 Epichlorohydrin	57	6.536	6.536	0.000	99	75797	400.0	451.4	
81 cis-1,3-Dichloropropene	75	6.593	6.593	0.000	97	59159	20.0	18.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.765	6.765	0.000	98	194991	100.0	104.4	
$ 83 Toluene-d8 (Surr)	98	6.833	6.833	0.000	97	272462	50.0	48.4	
84 Toluene	91	6.913	6.913	0.000	93	129816	20.0	18.8	
85 trans-1,3-Dichloropropene	75	7.267	7.267	0.000	97	51843	20.0	16.5	
86 Ethyl methacrylate	69	7.313	7.313	0.000	95	41514	20.0	15.4	
87 1,1,2-Trichloroethane	83	7.484	7.484	0.000	94	28171	20.0	18.3	
88 Tetrachloroethene	166	7.529	7.529	0.000	91	22280	20.0	20.9	
89 1,3-Dichloropropane	76	7.701	7.701	0.000	97	53314	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	58	7.781	7.781	0.000	99	63410	100.0	101.5	
91 n-Butyl acetate	43	7.895	7.895	0.000	97	60323	20.0	14.0	
92 Chlorodibromomethane	129	7.929	7.929	0.000	97	27192	20.0	15.1	
93 Ethylene Dibromide	107	8.089	8.089	0.000	99	31644	20.0	18.5	
* 94 Chlorobenzene-d5	117	8.648	8.648	0.000	91	248180	50.0	50.0	
95 Chlorobenzene	112	8.683	8.683	0.000	92	75962	20.0	19.9	
96 Ethylbenzene	106	8.785	8.785	0.000	100	32957	20.0	18.4	
97 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	90	24387	20.0	16.4	
98 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	39558	20.0	18.9	
100 n-Butyl acrylate	73	9.425	9.425	0.000	95	24338	20.0	14.7	
99 o-Xylene	106	9.436	9.436	0.000	92	41312	20.0	18.9	
101 Styrene	104	9.470	9.470	0.000	92	77452	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	9.664	9.664	0.000	88	64991	20.0	12.8	
102 Bromoform	173	9.676	9.676	0.000	94	14575	20.0	12.6	
104 Isopropylbenzene	105	9.801	9.801	0.000	97	80596	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	9.984	9.984	0.000	87	70654	50.0	51.6	
106 Bromobenzene	156	10.110	10.110	0.000	96	30076	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	98	41361	20.0	16.7	
108 N-Propylbenzene	91	10.167	10.167	0.000	98	99879	20.0	18.3	
109 1,2,3-Trichloropropane	110	10.190	10.190	0.000	96	10036	20.0	15.3	
110 trans-1,4-Dichloro-2-butene	53	10.212	10.212	0.000	82	12654	20.0	13.7	
111 2-Chlorotoluene	91	10.258	10.258	0.000	97	79743	20.0	18.1	
112 4-Ethyltoluene	105	10.269	10.269	0.000	97	81912	20.0	18.7	
113 1,3,5-Trimethylbenzene	105	10.327	10.327	0.000	91	66905	20.0	18.3	
114 4-Chlorotoluene	91	10.361	10.361	0.000	99	77931	20.0	18.3	
115 Butyl Methacrylate	87	10.418	10.418	0.000	97	35903	20.0	15.4	
116 tert-Butylbenzene	119	10.566	10.566	0.000	91	50889	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.623	10.623	0.000	99	72865	20.0	18.7	
118 sec-Butylbenzene	105	10.738	10.738	0.000	99	76570	20.0	19.9	
120 1,3-Dichlorobenzene	146	10.840	10.840	0.000	83	44850	20.0	19.7	
119 4-Isopropyltoluene	119	10.840	10.840	0.000	96	63296	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	10.897	10.897	0.000	97	101883	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.909	10.909	0.000	94	47603	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	82274	20.0	19.5	
124 Benzyl chloride	91	11.012	11.012	0.000	97	55847	20.0	13.2	
125 2,3-Dihydroindene	117	11.057	11.057	0.000	94	83423	20.0	18.9	
126 p-Diethylbenzene	119	11.103	11.103	0.000	92	34145	20.0	20.5	
127 n-Butylbenzene	92	11.114	11.114	0.000	97	36343	20.0	20.6	
128 1,2-Dichlorobenzene	146	11.160	11.160	0.000	94	46882	20.0	19.6	
129 1,2,4,5-Tetramethylbenzene	119	11.594	11.594	0.000	96	64121	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.662	11.662	0.000	90	5752	20.0	12.8	
131 1,3,5-Trichlorobenzene	180	11.742	11.742	0.000	96	27544	20.0	22.6	
132 1,2,4-Trichlorobenzene	180	12.142	12.142	0.000	93	25314	20.0	21.1	
133 Hexachlorobutadiene	225	12.210	12.210	0.000	93	11609	20.0	24.2	
134 Naphthalene	128	12.324	12.324	0.000	99	72966	20.0	16.2	
135 1,2,3-Trichlorobenzene	180	12.484	12.484	0.000	95	24791	20.0	21.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.1	
S 137 Xylenes, Total	100				0		40.0	37.8	
S 138 Total BTEX	1				0		100.0	93.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00383	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 08:14:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05414.D

Injection Date: 30-Aug-2020 10:20:30 Instrument ID: CVOAMS8 Operator ID:

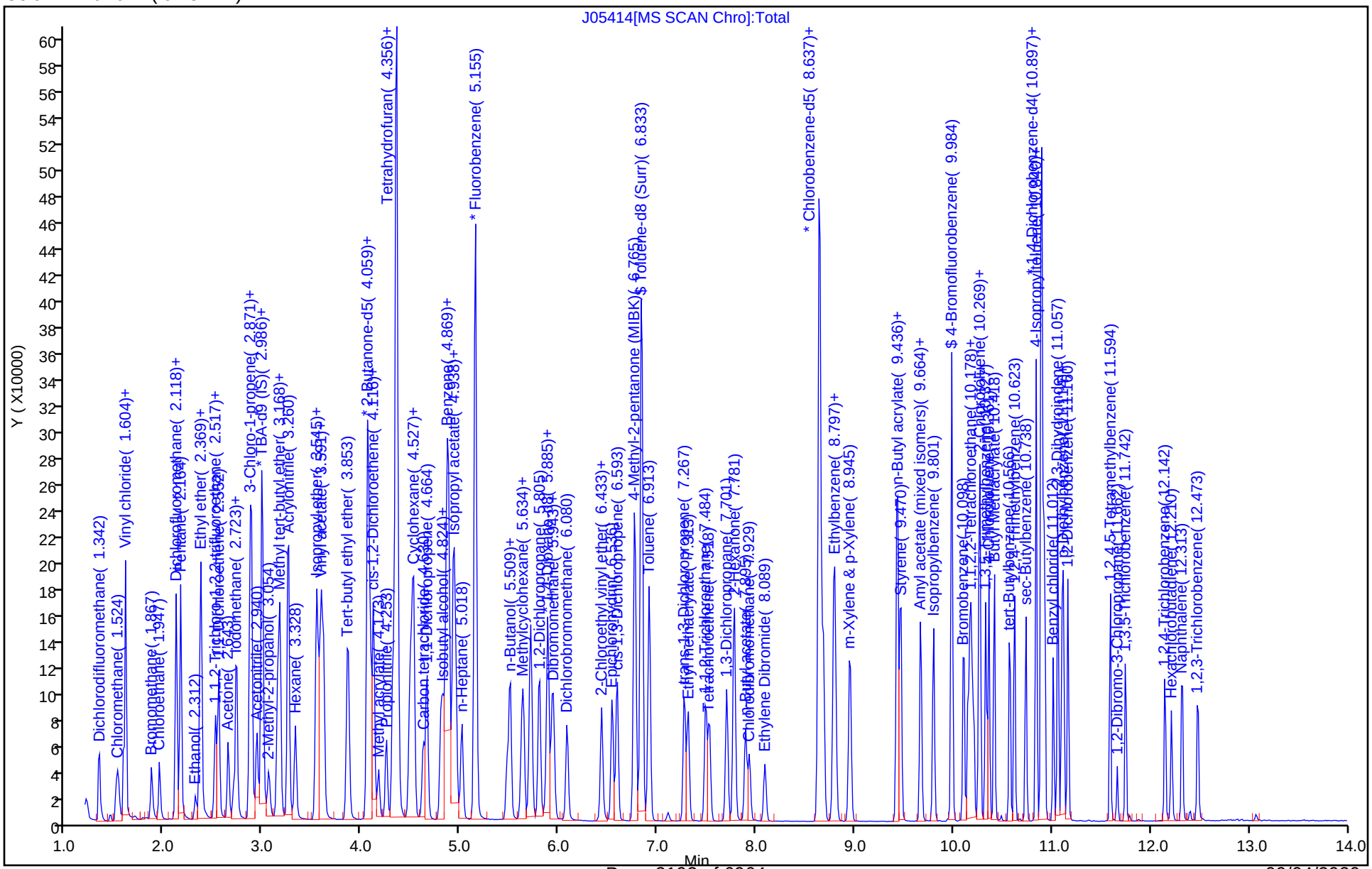
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

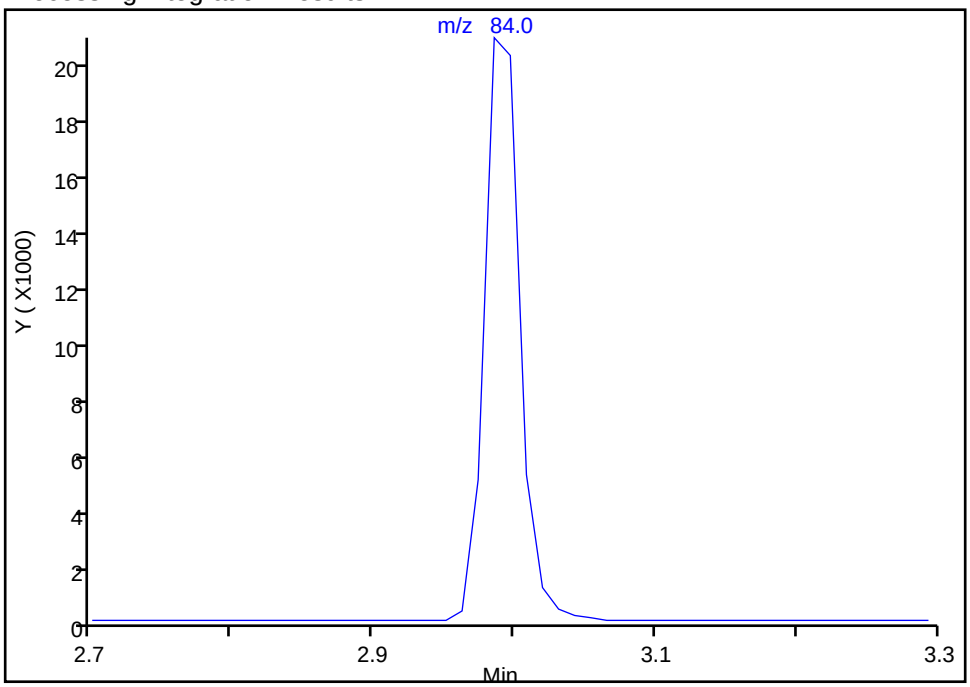
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05414.D
Injection Date: 30-Aug-2020 10:20:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

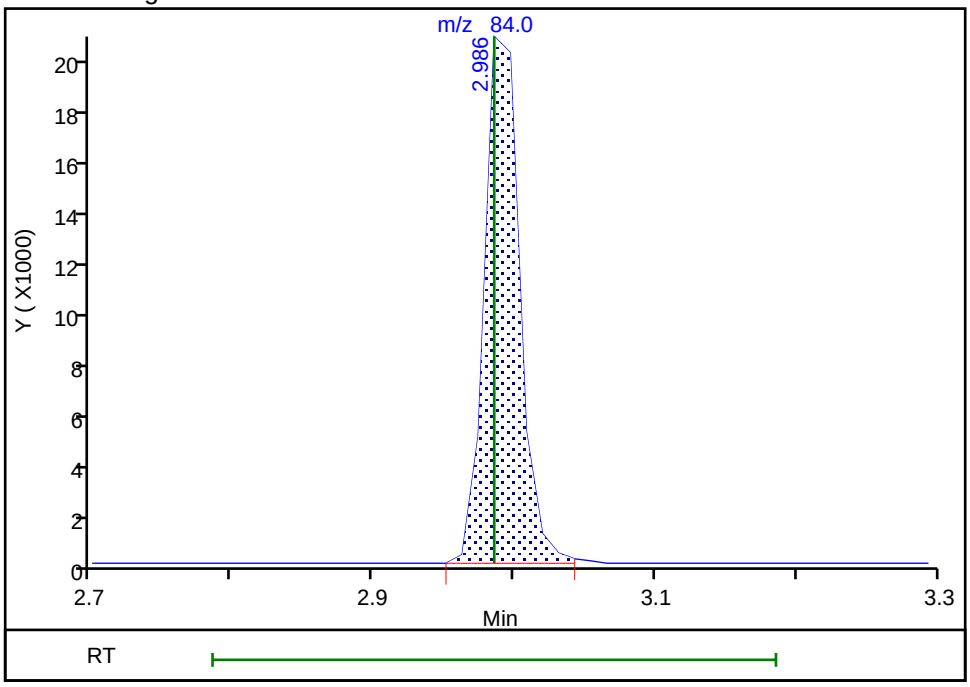
Not Detected
Expected RT: 2.99

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 36751
Amount: 20.107628
Amount Units: ug/l



Reviewer: boykink, 30-Aug-2020 10:37:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719740/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.2069	0.1975		19.1	20.0	-4.5	30.0
Chlorotrifluoroethene	Lin2		0.1277		19.5	20.0	-2.3	30.0
Dichlorodifluoromethane	Ave	0.5060	0.4341	0.1000	17.2	20.0	-14.2	30.0
Chloromethane	Ave	0.7121	0.6844	0.1000	19.2	20.0	-3.9	30.0
Butadiene	Ave	0.4429	0.4485		20.3	20.0	1.3	30.0
Vinyl chloride	Ave	0.4906	0.4925	0.1000	20.1	20.0	0.4	30.0
Bromomethane	Ave	0.3372	0.3295	0.1000	19.5	20.0	-2.3	30.0
Chloroethane	Ave	0.2524	0.2540	0.1000	20.1	20.0	0.6	30.0
Dichlorofluoromethane	Ave	0.6261	0.6502		20.8	20.0	3.8	30.0
Pentane	Ave	1.367	1.505		44.1	40.0	10.1	30.0
Trichlorofluoromethane	Ave	0.4734	0.5019	0.1000	21.2	20.0	6.0	30.0
Ethyl ether	Ave	0.2559	0.2845		22.2	20.0	11.2	30.0
2-Methyl-1,3-butadiene	Ave	0.3032	0.3387		22.3	20.0	11.7	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2602	0.2799		21.5	20.0	7.6	30.0
Ethanol	Ave	0.0662	0.0646		781	800	-2.4	30.0
Acrolein	Ave	1.254	0.8321		199	300	-33.6*	30.0
1,1-Dichloroethene	Ave	0.2971	0.3319	0.1000	22.3	20.0	11.7	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3016	0.3367	0.1000	22.3	20.0	11.6	30.0
Acetone	Ave	1.064	0.9708	0.0500	91.3	100	-8.7	30.0
Iodomethane	Ave	0.6377	0.6651		20.9	20.0	4.3	30.0
Isopropyl alcohol	QuaF		0.9587		177	200	-11.4	30.0
Carbon disulfide	Ave	1.325	1.399	0.1000	21.1	20.0	5.6	30.0
Allyl chloride	Ave	0.4730	0.4785		20.2	20.0	1.2	30.0
Methyl acetate	Ave	7.454	6.786	0.1000	36.4	40.0	-9.0	30.0
Acetonitrile	Ave	0.8780	0.8705		198	200	-0.9	30.0
Cyclopentene	Ave	0.8584	0.9443		22.0	20.0	10.0	30.0
Methylene Chloride	Ave	0.4479	0.4677	0.1000	20.9	20.0	4.4	30.0
2-Methyl-2-propanol	Ave	1.478	1.347		182	200	-8.9	30.0
Acrylonitrile	Ave	0.1351	0.1415		209	200	4.7	30.0
trans-1,2-Dichloroethene	Ave	0.3365	0.3515	0.1000	20.9	20.0	4.5	30.0
Methyl tert-butyl ether	Ave	0.9018	0.9607	0.1000	21.3	20.0	6.5	30.0
Hexane	Ave	0.3091	0.3292		21.3	20.0	6.5	30.0
1,1-Dichloroethane	Ave	0.6582	0.7222	0.2000	21.9	20.0	9.7	30.0
Vinyl acetate	QuaF		1.523		27.8	40.0	-30.4*	30.0
Isopropyl ether	Ave	1.204	1.351		22.4	20.0	12.2	30.0
2-Chloro-1,3-butadiene	Ave	0.3083	0.3470		22.5	20.0	12.5	30.0
Tert-butyl ethyl ether	Ave	1.074	1.287		24.0	20.0	19.8	30.0
cis-1,2-Dichloroethene	Ave	0.4011	0.4397	0.1000	21.9	20.0	9.6	30.0
2,2-Dichloropropane	Ave	0.1651	0.1704		20.6	20.0	3.2	30.0
2-Butanone (MEK)	Ave	0.3718	0.3556	0.0500	95.7	100	-4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719740/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.597	1.519		190	200	-4.9	30.0
Ethyl acetate	Ave	0.3219	0.3223		40.1	40.0	0.1	30.0
Methyl acrylate	QuaF		0.2818		16.4	20.0	-17.8	30.0
Methacrylonitrile	Ave	0.1347	0.1475		219	200	9.5	30.0
Chlorobromomethane	Ave	0.1920	0.2053		21.4	20.0	6.9	30.0
Tetrahydrofuran	Ave	0.4125	0.4322		41.9	40.0	4.8	30.0
Chloroform	Ave	0.6260	0.6666	0.2000	21.3	20.0	6.5	30.0
1,1,1-Trichloroethane	Ave	0.5014	0.5412	0.1000	21.6	20.0	7.9	30.0
Cyclohexane	Ave	0.5042	0.5600	0.1000	22.2	20.0	11.1	30.0
1,1-Dichloropropene	Ave	0.4624	0.4788		20.7	20.0	3.5	30.0
Carbon tetrachloride	Ave	0.4273	0.4594	0.1000	21.5	20.0	7.5	30.0
Benzene	Ave	2.007	2.185	0.5000	21.8	20.0	8.9	30.0
Isobutyl alcohol	QuaF		0.1353		386	500	-22.8	30.0
1,2-Dichloroethane	Ave	0.4441	0.4705	0.1000	21.2	20.0	6.0	30.0
2,2,4-Trimethylpentane	Ave	1.311	1.548		23.6	20.0	18.0	30.0
Isopropyl acetate	Ave	1.297	1.449		22.3	20.0	11.7	30.0
Tert-amyl methyl ether	Ave	0.2882	0.3237		22.5	20.0	12.3	30.0
n-Heptane	Ave	0.6301	0.3700		11.7	20.0	-41.3*	30.0
n-Butanol	QuaF		0.3021		391	500	-21.7	30.0
Trichloroethene	Ave	0.3197	0.3386	0.2000	21.2	20.0	5.9	30.0
Ethyl acrylate	Ave	0.0494	0.0480		19.4	20.0	-2.8	30.0
Methylcyclohexane	Ave	0.5949	0.6587	0.1000	22.1	20.0	10.7	30.0
1,2-Dichloropropane	Ave	0.3436	0.3602	0.1000	21.0	20.0	4.8	30.0
Dibromomethane	Ave	0.2008	0.2142		21.3	20.0	6.7	30.0
Methyl methacrylate	Ave	0.1811	0.1907		42.1	40.0	5.3	30.0
1,4-Dioxane	Lin2		1.422		413	400	3.3	30.0
n-Propyl acetate	Ave	0.4173	0.4181		20.0	20.0	0.2	30.0
Dichlorobromomethane	Ave	0.4197	0.4418	0.2000	21.1	20.0	5.3	30.0
2-Nitropropane	Lin2		0.0692		37.9	40.0	-5.3	30.0
2-Chloroethyl vinyl ether	Ave	0.0547	0.0610		22.3	20.0	11.4	30.0
Epichlorohydrin	Ave	0.2620	0.2752		21.0	20.0	5.1	30.0
cis-1,3-Dichloropropene	Ave	0.6575	0.6639	0.2000	20.2	20.0	1.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.897	3.038	0.0500	105	100	4.9	30.0
Toluene	Ave	1.772	1.849	0.4000	20.9	20.0	4.3	30.0
trans-1,3-Dichloropropene	Ave	0.5350	0.5142	0.1000	19.2	20.0	-3.9	30.0
Ethyl methacrylate	Ave	0.4918	0.5284		21.5	20.0	7.4	30.0
1,1,2-Trichloroethane	Ave	0.2918	0.3122	0.1000	21.4	20.0	7.0	30.0
Tetrachloroethene	Ave	0.4103	0.4333	0.2000	21.1	20.0	5.6	30.0
1,3-Dichloropropane	Ave	0.5550	0.5765		20.8	20.0	3.9	30.0
2-Hexanone	Ave	1.669	1.746	0.0500	105	100	4.6	30.0
Chlorodibromomethane	Ave	0.3974	0.4124	0.1000	20.8	20.0	3.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719740/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.6361	0.6820		21.4	20.0	7.2	30.0
Ethylene Dibromide	Ave	0.3332	0.3564	0.1000	21.4	20.0	6.9	30.0
Chlorobenzene	Ave	1.071	1.119	0.5000	20.9	20.0	4.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4846	0.5026		20.7	20.0	3.7	30.0
Ethylbenzene	Ave	0.5923	0.6225	0.1000	21.0	20.0	5.1	30.0
m-Xylene & p-Xylene	Ave	0.7419	0.7634	0.1000	20.6	20.0	2.9	30.0
o-Xylene	Ave	0.7915	0.8456	0.3000	21.4	20.0	6.8	30.0
Styrene	Ave	1.148	1.245	0.3000	21.7	20.0	8.5	30.0
n-Butyl acrylate	Ave	0.3084	0.3400		22.0	20.0	10.2	30.0
Bromoform	Ave	0.2700	0.2806	0.1000	20.8	20.0	4.0	30.0
Amyl acetate (mixed isomers)	Ave	1.375	1.503		21.9	20.0	9.4	30.0
Isopropylbenzene	Ave	2.035	2.243	0.1000	22.0	20.0	10.2	30.0
Bromobenzene	Ave	0.8598	0.8758		20.4	20.0	1.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9833	1.026	0.3000	20.9	20.0	4.3	30.0
1,2,3-Trichloropropane	Ave	0.2400	0.2510		20.9	20.0	4.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.2171		20.1	20.0	0.5	30.0
N-Propylbenzene	Ave	4.224	4.422		20.9	20.0	4.7	30.0
2-Chlorotoluene	Ave	2.588	2.719		21.0	20.0	5.0	30.0
4-Ethyltoluene	Ave	3.313	3.617		21.8	20.0	9.2	30.0
4-Chlorotoluene	Ave	2.483	2.569		20.7	20.0	3.5	30.0
1,3,5-Trimethylbenzene	Ave	3.189	3.320		20.8	20.0	4.1	30.0
Butyl Methacrylate	Ave	1.012	1.144		22.6	20.0	13.1	30.0
tert-Butylbenzene	QuaF		2.563		16.5	20.0	-17.7	30.0
1,2,4-Trimethylbenzene	Ave	3.262	3.386		20.8	20.0	3.8	30.0
sec-Butylbenzene	Ave	4.000	4.230		21.2	20.0	5.8	30.0
1,3-Dichlorobenzene	Ave	1.601	1.682	0.6000	21.0	20.0	5.1	30.0
1,4-Dichlorobenzene	Ave	1.588	1.675	0.5000	21.1	20.0	5.5	30.0
4-Isopropyltoluene	Ave	3.376	3.597		21.3	20.0	6.5	30.0
1,2,3-Trimethylbenzene	Ave	3.387	3.770		22.3	20.0	11.3	30.0
Benzyl chloride	Ave	1.398	1.234		17.6	20.0	-11.8	30.0
Indan	Ave	3.109	3.498		22.5	20.0	12.5	30.0
1,2-Dichlorobenzene	Ave	1.743	1.803	0.4000	20.7	20.0	3.4	30.0
p-Diethylbenzene	Ave	1.698	1.949		23.0	20.0	14.8	30.0
n-Butylbenzene	Ave	1.753	1.924		22.0	20.0	9.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2293	0.2386	0.0500	20.8	20.0	4.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.440	3.760		21.9	20.0	9.3	30.0
1,3,5-Trichlorobenzene	Ave	1.480	1.597		21.6	20.0	8.0	30.0
1,2,4-Trichlorobenzene	Ave	1.520	1.583	0.2000	20.8	20.0	4.2	30.0
Hexachlorobutadiene	Ave	0.7620	0.7906		20.8	20.0	3.8	30.0
Naphthalene	Lin2		4.105		21.8	20.0	8.9	30.0
1,2,3-Trichlorobenzene	Ave	1.637	1.711		20.9	20.0	4.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719740/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.3403	0.3523		51.8	50.0	3.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3506	0.3755		53.5	50.0	7.1	30.0
Toluene-d8 (Surr)	Ave	1.579	1.601		50.7	50.0	1.4	30.0
4-Bromofluorobenzene	Ave	0.4722	0.4909		52.0	50.0	4.0	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Aug-2020 01:41:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0115799-016
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:50:48 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 27-Aug-2020 15:51:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.036	1.036	0.000	1	4657	20.0	14.3	
3 1,1-Difluoroethane	65	1.074	1.074	0.000	58	40310	20.0	19.1	
2 Chlorotrifluoroethene	116	1.112	1.112	0.000	27	26065	20.0	19.5	
5 Chlorodifluoromethane	67	1.128	1.129	-0.001	47	14689	20.0	20.2	
4 Dichlorodifluoromethane	85	1.128	1.134	-0.006	60	88610	20.0	17.2	
6 Chloromethane	50	1.248	1.249	-0.001	98	139697	20.0	19.2	
7 Butadiene	54	1.287	1.281	0.006	93	91544	20.0	20.3	
8 Vinyl chloride	62	1.308	1.309	-0.001	82	100531	20.0	20.1	
9 Bromomethane	94	1.494	1.489	0.005	98	67255	20.0	19.5	
10 Chloroethane	64	1.527	1.521	0.006	77	51837	20.0	20.1	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	89	132714	20.0	20.8	
13 Pentane	72	1.701	1.712	-0.011	89	24306	40.0	44.1	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	33	102453	20.0	21.2	
15 Ethyl ether	59	1.838	1.838	0.000	91	58075	20.0	22.2	
16 2-Methyl-1,3-butadiene	53	1.860	1.865	-0.005	76	69128	20.0	22.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.870	1.871	-0.001	62	57139	20.0	21.5	
14 Ethanol	46	1.925	1.903	0.022	67	20872	800.0	780.6	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.903	1.914	-0.011	95	99236	20.0	21.2	a
19 Acrolein	56	1.930	1.931	-0.001	95	100901	300.4	199.3	
21 1,1-Dichloroethene	96	2.007	2.007	0.000	96	67754	20.0	22.3	
22 Acetone	43	2.040	2.034	0.006	68	114448	100.0	91.3	
20 112TCTFE	101	2.034	2.040	-0.006	67	68725	20.0	22.3	
23 Iodomethane	142	2.116	2.116	0.000	97	135768	20.0	20.9	
24 Isopropyl alcohol	45	2.154	2.171	-0.017	1	77399	200.0	177.2	
25 Carbon disulfide	76	2.181	2.171	0.010	99	285479	20.0	21.1	M
26 3-Chloro-1-propene	39	2.241	2.242	-0.001	90	97663	20.0	20.2	a
27 Methyl acetate	43	2.258	2.258	0.000	68	109567	40.0	36.4	
29 Acetonitrile	41	2.285	2.285	0.000	71	70279	200.0	198.3	M
28 Cyclopentene	67	2.307	2.307	0.000	58	192739	20.0	22.0	
31 Methylene Chloride	84	2.334	2.340	-0.006	69	95468	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.405	0.000	98	403680	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.471	2.476	-0.005	91	108733	200.0	182.3	a
35 Acrylonitrile	53	2.509	2.509	0.000	94	288835	200.0	209.4	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	96	71742	20.0	20.9	
33 Methyl tert-butyl ether	73	2.558	2.547	0.011	3	196090	20.0	21.3	
36 Hexane	43	2.738	2.738	0.000	92	67198	20.0	21.3	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	91	147410	20.0	21.9	
39 Vinyl acetate	86	2.891	2.891	0.000	100	24588	40.0	27.8	
37 Isopropyl ether	45	2.918	2.918	0.000	82	275761	20.0	22.4	
40 2-Chloro-1,3-butadiene	88	2.923	2.924	-0.001	77	70832	20.0	22.5	
41 Tert-butyl ethyl ether	59	3.218	3.213	0.005	72	262789	20.0	24.0	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	82	294740	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	89	89758	20.0	21.9	
43 2,2-Dichloropropane	79	3.338	3.338	0.000	52	34782	20.0	20.6	
46 2-Butanone (MEK)	72	3.349	3.349	0.000	99	41928	100.0	95.7	
45 Ethyl acetate	70	3.404	3.366	0.038	99	15201	40.0	40.1	M
48 Propionitrile	54	3.393	3.398	-0.005	94	122611	200.0	190.1	a
47 Methyl acrylate	55	3.431	3.437	-0.006	98	57515	20.0	16.4	Ma
51 Methacrylonitrile	67	3.524	3.524	0.000	92	301121	200.0	219.1	
50 Chlorobromomethane	128	3.535	3.535	0.000	40	41905	20.0	21.4	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	76	20383	40.0	41.9	
52 Chloroform	83	3.606	3.611	-0.005	92	136060	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	96	179777	50.0	51.8	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	54	110473	20.0	21.6	
53 Cyclohexane	84	3.840	3.840	0.000	77	114311	20.0	22.2	
57 1,1-Dichloropropene	75	3.927	3.928	-0.001	91	97735	20.0	20.7	
56 Carbon tetrachloride	117	3.938	3.944	-0.006	94	93769	20.0	21.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	191591	50.0	53.5	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	27312	500.0	385.9	a
60 Benzene	78	4.124	4.130	-0.006	90	302814	20.0	21.8	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	69	96047	20.0	21.2	
59 Isooctane	57	4.217	4.217	0.000	87	315889	20.0	23.6	
62 Isopropyl acetate	43	4.228	4.233	-0.005	95	295754	20.0	22.3	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	86	66064	20.0	22.5	
* 66 Fluorobenzene	96	4.402	4.408	-0.006	97	510292	50.0	50.0	
65 n-Heptane	57	4.408	4.413	-0.005	48	75531	20.0	11.7	
68 n-Butanol	56	4.762	4.757	0.005	88	60980	500.0	391.5	
69 Trichloroethene	95	4.784	4.790	-0.006	93	69121	20.0	21.2	
70 Ethyl acrylate	56	4.915	4.921	-0.006	91	9792	20.0	19.4	
71 Methylcyclohexane	83	5.008	5.008	0.000	87	134460	20.0	22.1	
72 1,2-Dichloropropane	63	5.024	5.030	-0.006	87	73522	20.0	21.0	
77 Dibromomethane	93	5.155	5.161	-0.006	95	43717	20.0	21.3	
* 73 1,4-Dioxane-d8	96	5.161	5.166	-0.005	42	35553	1000.0	1000.0	
74 Methyl methacrylate	69	5.182	5.183	-0.001	89	77842	40.0	42.1	
75 1,4-Dioxane	88	5.210	5.248	-0.038	86	20224	400.0	413.2	M
76 n-Propyl acetate	43	5.270	5.264	0.006	98	85347	20.0	20.0	
78 Dichlorobromomethane	83	5.346	5.352	-0.006	98	90185	20.0	21.1	
79 2-Nitropropane	41	5.619	5.614	0.005	94	28260	40.0	37.9	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	75	12442	20.0	22.3	
80 Epichlorohydrin	57	5.783	5.777	0.006	63	6490	20.0	21.0	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	92008	20.0	20.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.116	-0.006	70	358153	100.0	104.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	554589	50.0	50.7	
84 Toluene	91	6.301	6.301	0.000	93	256229	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	97	71260	20.0	19.2	
86 Ethyl methacrylate	69	6.781	6.781	0.000	90	73223	20.0	21.5	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	92	43266	20.0	21.4	
88 Tetrachloroethene	166	7.021	7.021	0.000	92	60045	20.0	21.1	
89 1,3-Dichloropropane	76	7.059	7.060	-0.001	96	79893	20.0	20.8	
90 2-Hexanone	43	7.229	7.234	-0.005	97	205876	100.0	104.6	
92 Chlorodibromomethane	129	7.365	7.365	0.000	97	57146	20.0	20.8	
91 n-Butyl acetate	43	7.458	7.458	0.000	98	94511	20.0	21.4	
93 Ethylene Dibromide	107	7.496	7.496	0.000	97	49388	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.189	8.195	-0.006	75	346452	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	87	155070	20.0	20.9	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	90	69646	20.0	20.7	
96 Ethylbenzene	106	8.434	8.435	-0.001	98	86270	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	105790	20.0	20.6	
100 o-Xylene	106	9.220	9.220	0.000	89	117179	20.0	21.4	
101 Styrene	104	9.247	9.248	-0.001	94	172593	20.0	21.7	
99 n-Butyl acrylate	73	9.280	9.286	-0.006	97	47112	20.0	22.0	
103 Bromoform	173	9.488	9.488	0.000	98	38890	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	89	118416	20.0	21.9	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	310788	20.0	22.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	170061	50.0	52.0	
106 Bromobenzene	156	10.235	10.235	0.000	99	68987	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	92	80788	20.0	20.9	
109 1,2,3-Trichloropropane	110	10.371	10.372	-0.001	92	19774	20.0	20.9	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	75	17103	20.0	20.1	
108 N-Propylbenzene	91	10.502	10.503	-0.001	99	348312	20.0	20.9	
111 2-Chlorotoluene	91	10.590	10.590	0.000	96	214147	20.0	21.0	
112 4-Ethyltoluene	105	10.699	10.699	0.000	69	284937	20.0	21.8	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	202396	20.0	20.7	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	261499	20.0	20.8	
115 Butyl Methacrylate	87	11.081	11.081	0.000	92	90141	20.0	22.6	
116 tert-Butylbenzene	119	11.321	11.321	0.000	90	201917	20.0	16.5	
117 1,2,4-Trimethylbenzene	105	11.392	11.397	-0.005	98	266694	20.0	20.8	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	333182	20.0	21.2	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	132504	20.0	21.0	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.818	-0.001	84	196925	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	94	283356	20.0	21.3	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	69	131947	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	98	296926	20.0	22.3	
124 Benzyl chloride	91	12.036	12.036	0.000	98	97199	20.0	17.6	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	90	275573	20.0	22.5	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	92	141994	20.0	20.7	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	153506	20.0	23.0	
127 n-Butylbenzene	92	12.336	12.341	-0.005	99	151543	20.0	22.0	
130 1,2-Dibromo-3-Chloropropane	157	13.111	13.122	-0.011	37	18795	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	13.116	13.127	-0.011	96	296138	20.0	21.9	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	97	125833	20.0	21.6	
132 1,2,4-Trichlorobenzene	180	13.874	13.896	-0.022	92	124702	20.0	20.8	
133 Hexachlorobutadiene	225	14.049	14.071	-0.022	95	62274	20.0	20.8	
134 Naphthalene	128	14.076	14.104	-0.028	99	323389	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.289	14.317	-0.028	95	134763	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 137 Xylenes, Total	100				0		40.0	41.9	
S 139 Total BTEX	1				0		100.0	105.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00115	Amount Added:	3.00	Units: uL	
8FreonsSS_00023	Amount Added:	2.00	Units: uL	
8260 SP_00128	Amount Added:	2.00	Units: uL	
GAS C SP_00371	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Aug-2020 15:52:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D

Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9 Operator ID:

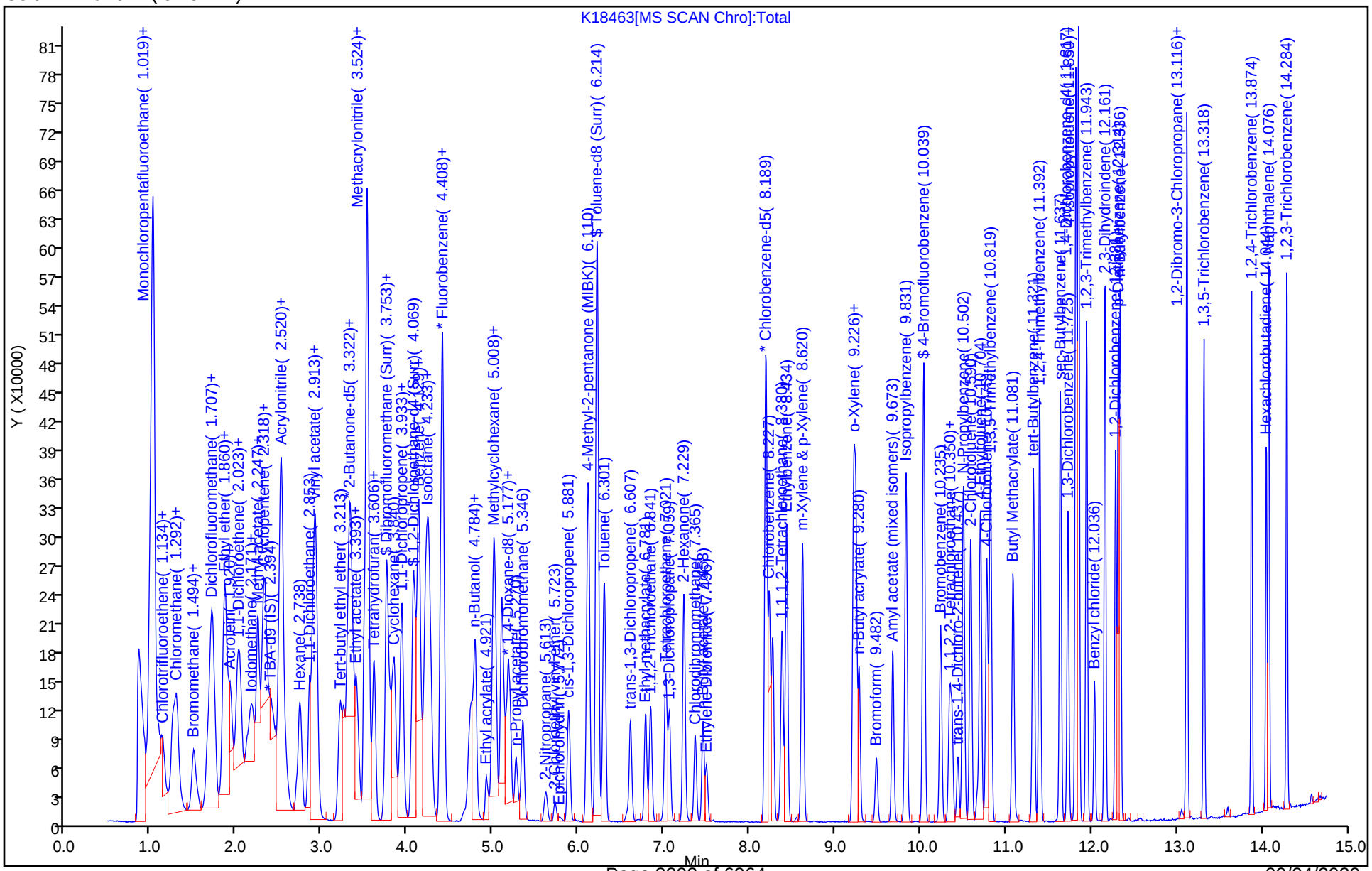
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

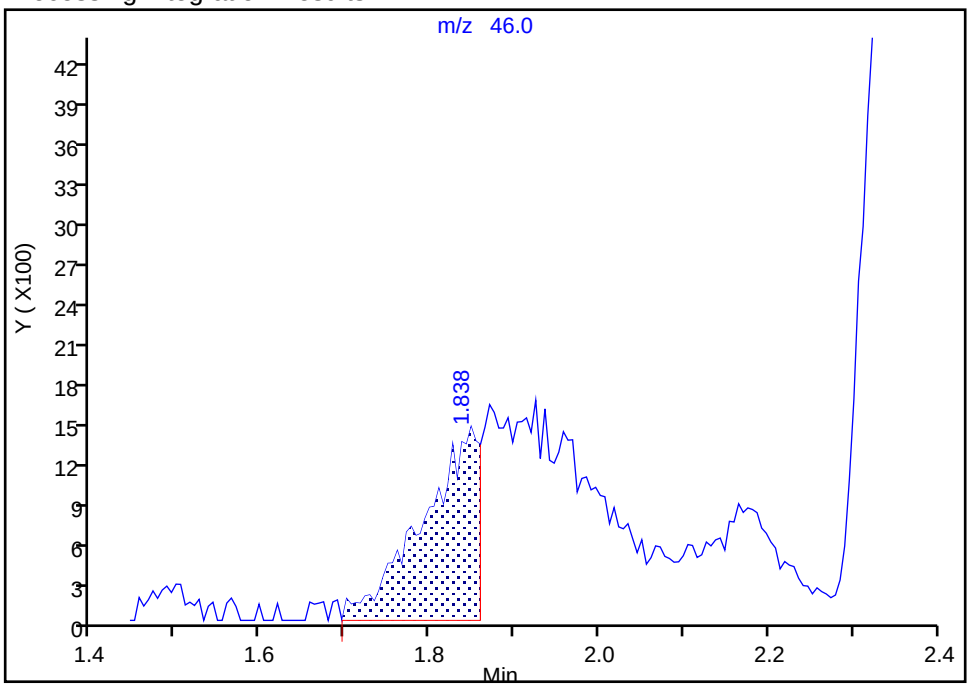
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

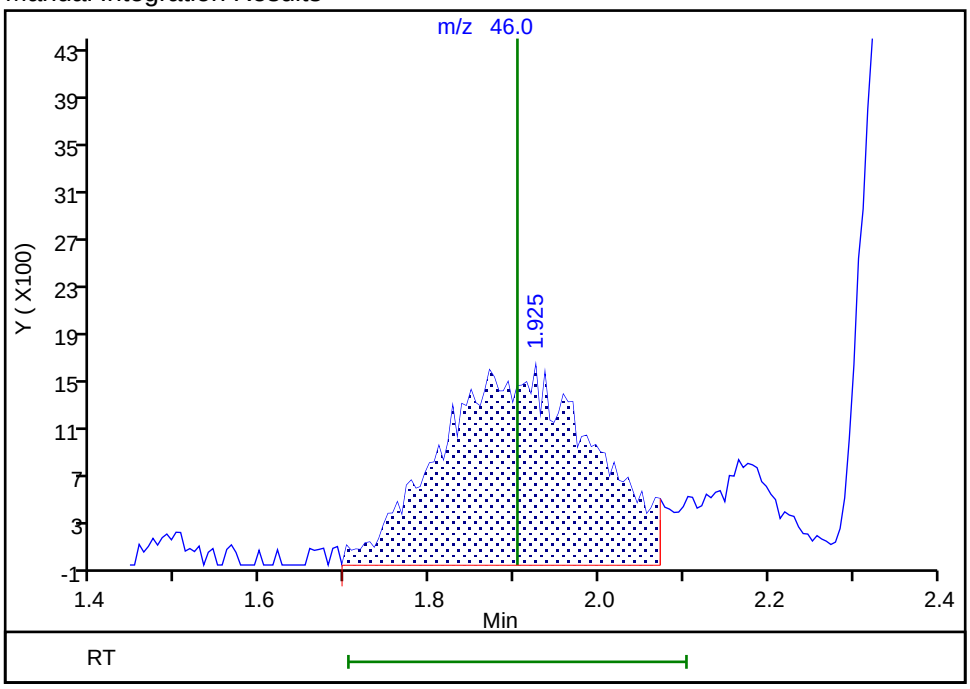
Processing Integration Results

RT: 1.84
Area: 6740
Amount: 252.0866
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 20872
Amount: 780.6455
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:47:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

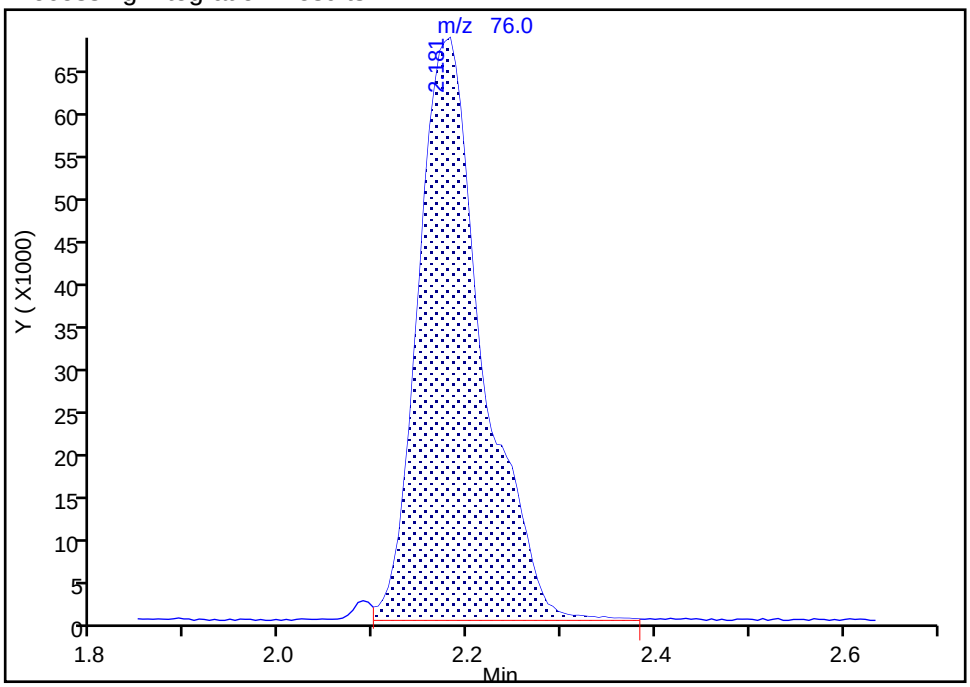
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

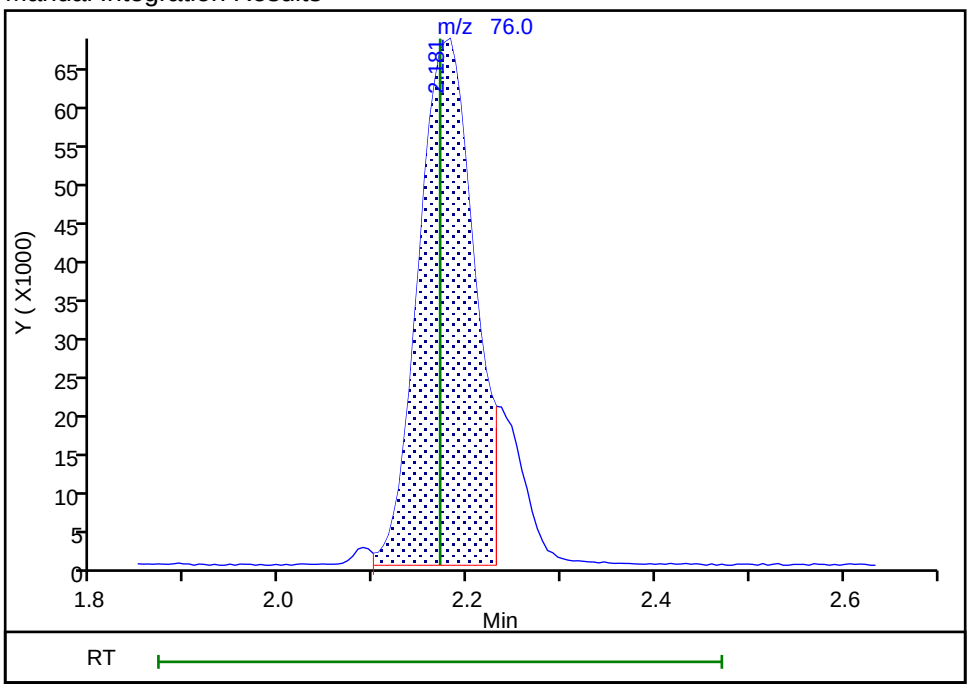
Processing Integration Results

RT: 2.18
Area: 325270
Amount: 24.054166
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 285479
Amount: 21.111566
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:47:55
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

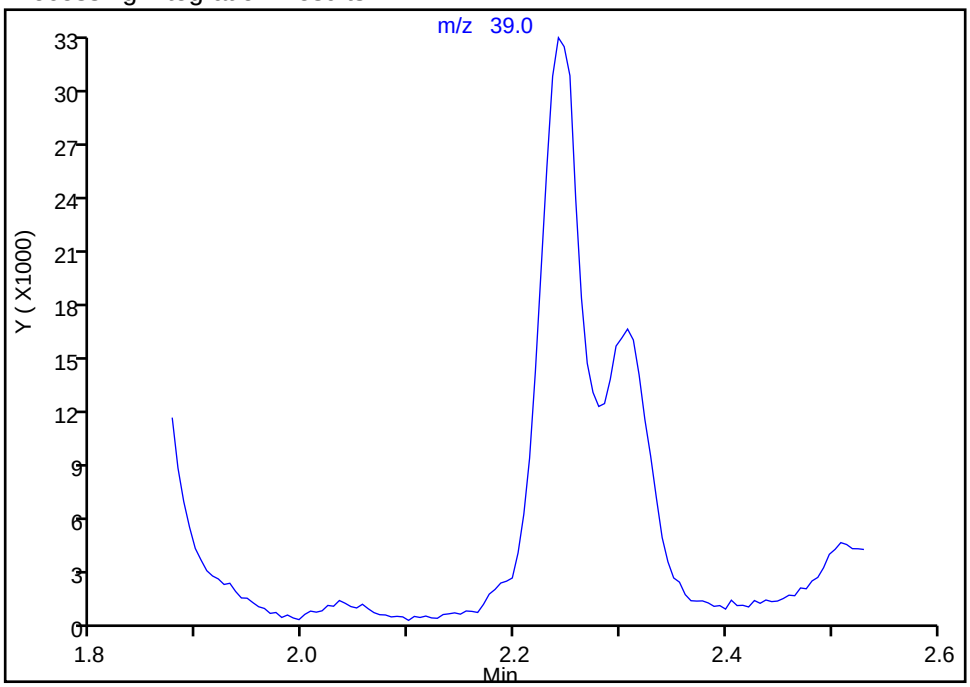
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

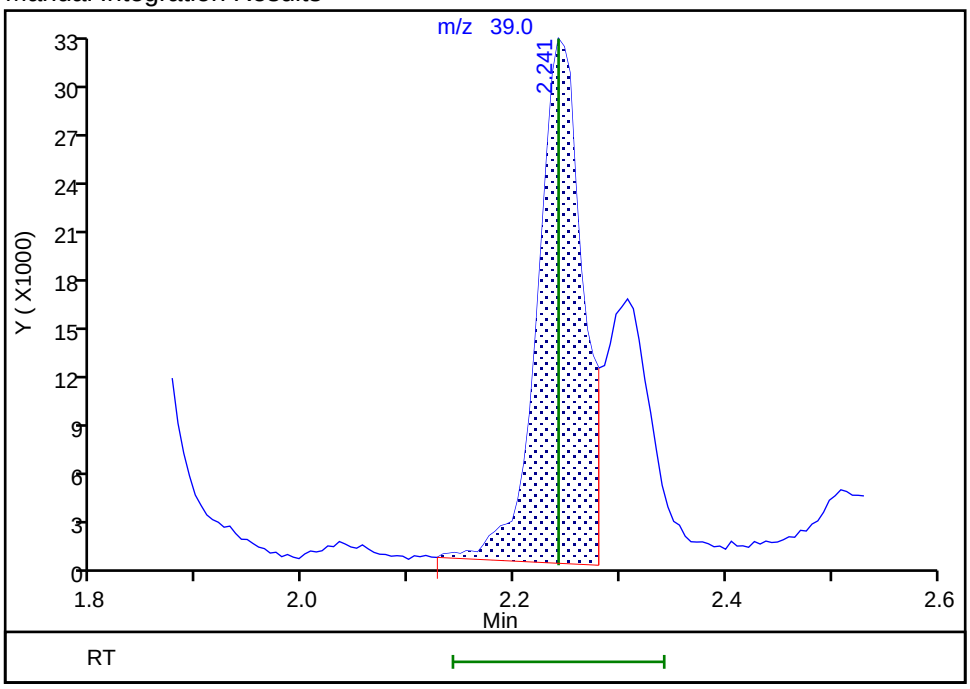
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 97663
Amount: 20.232093
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

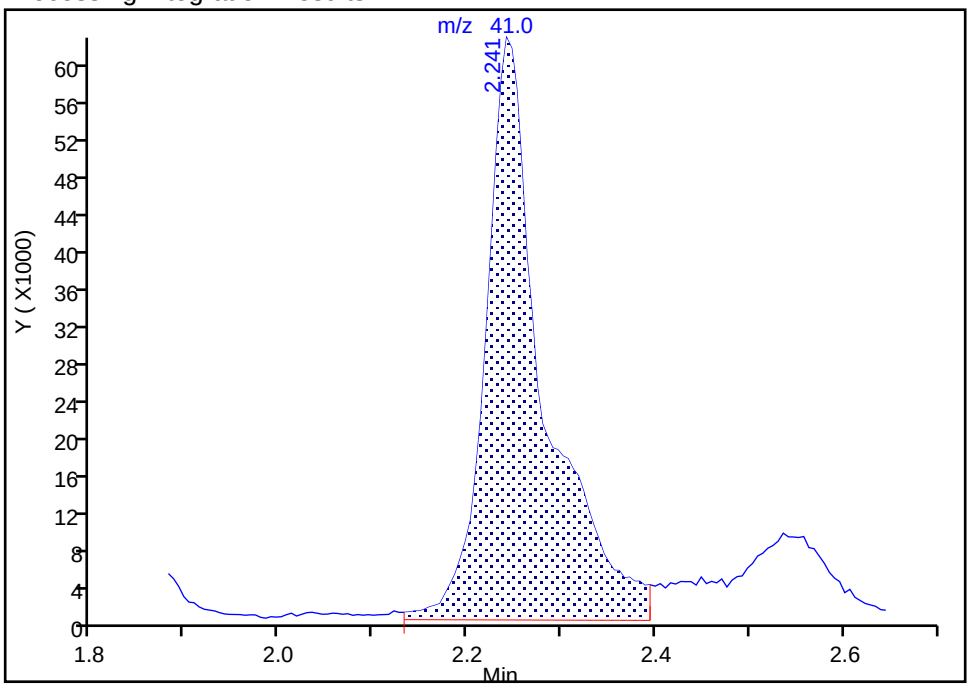
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

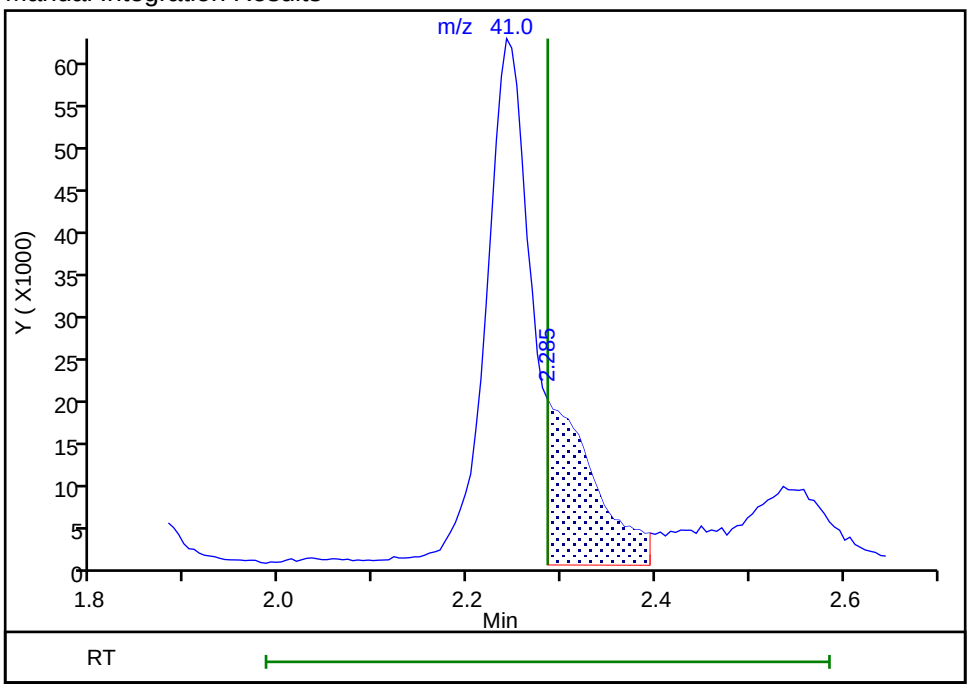
Processing Integration Results

RT: 2.24
Area: 268451
Amount: 757.4475
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 70279
Amount: 198.2956
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:10
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

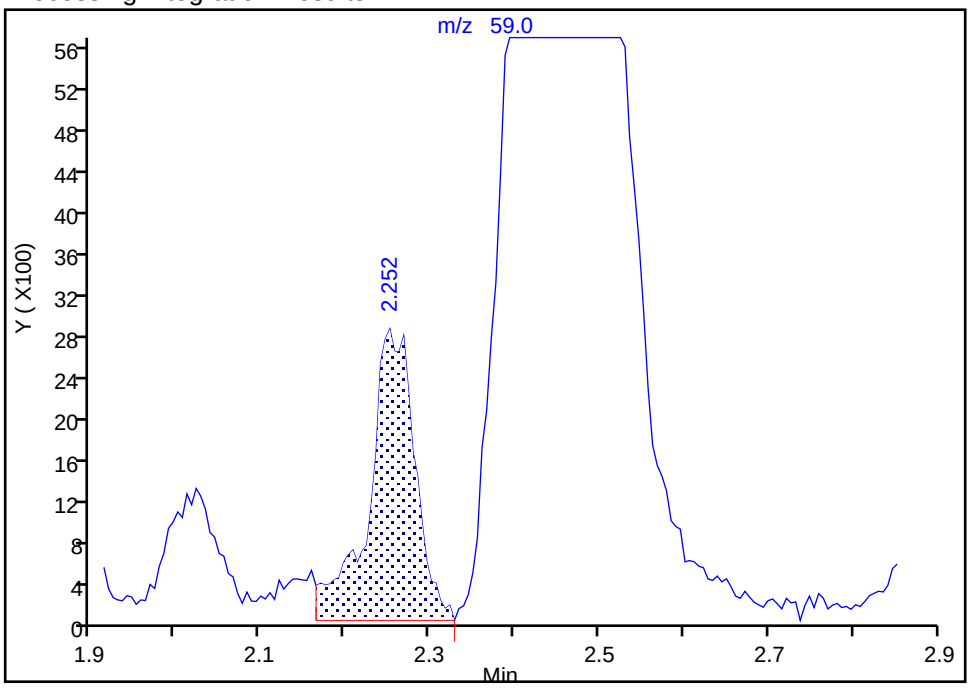
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

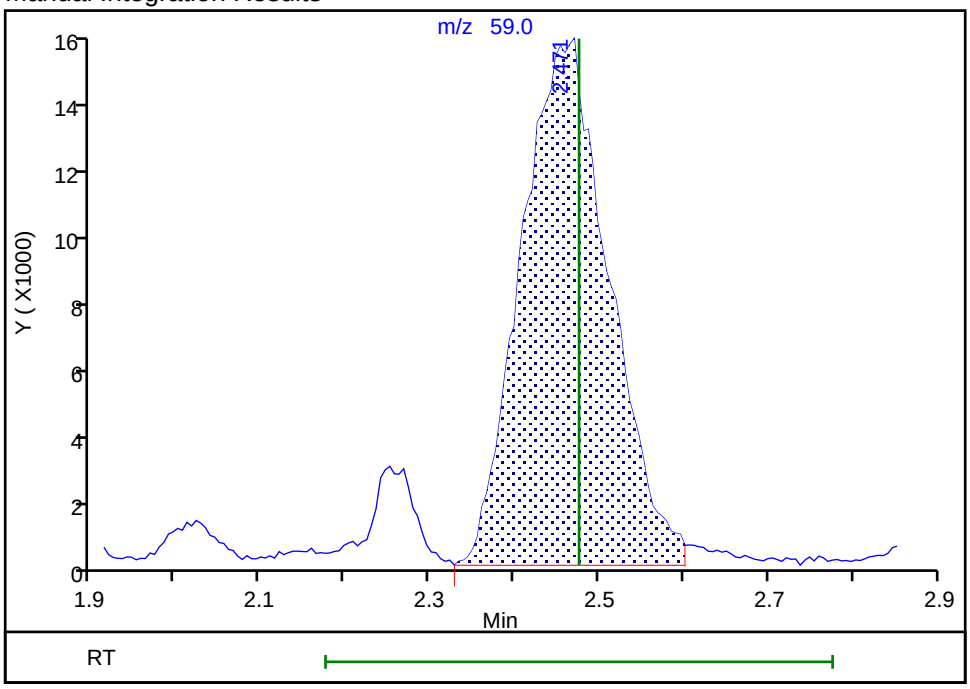
Processing Integration Results

RT: 2.25
Area: 10714
Amount: 17.962204
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 108733
Amount: 182.2927
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

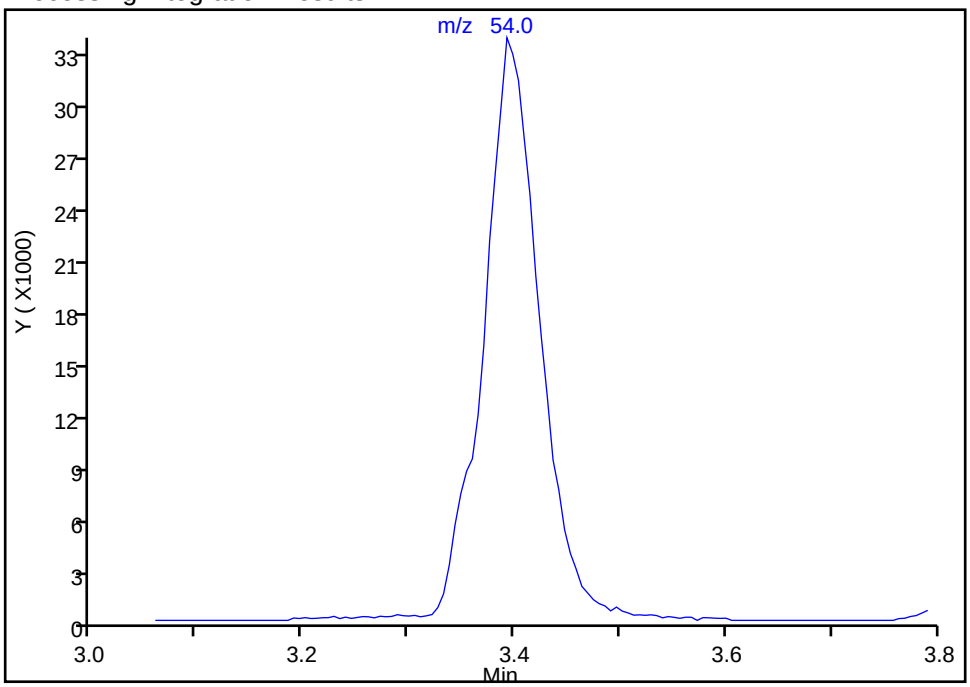
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

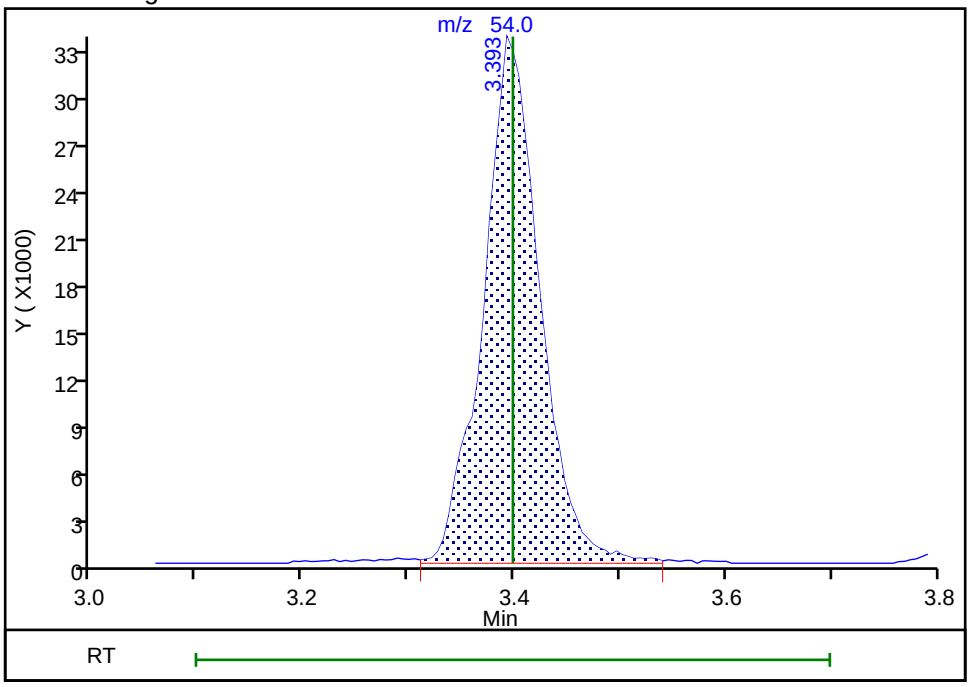
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 122611
Amount: 190.1392
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:49:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

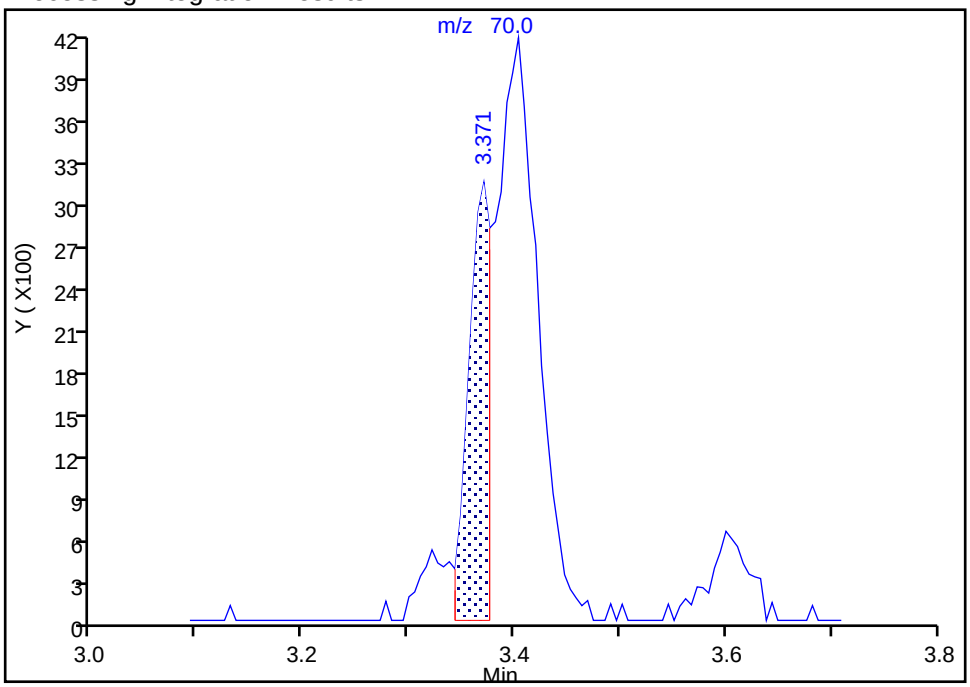
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

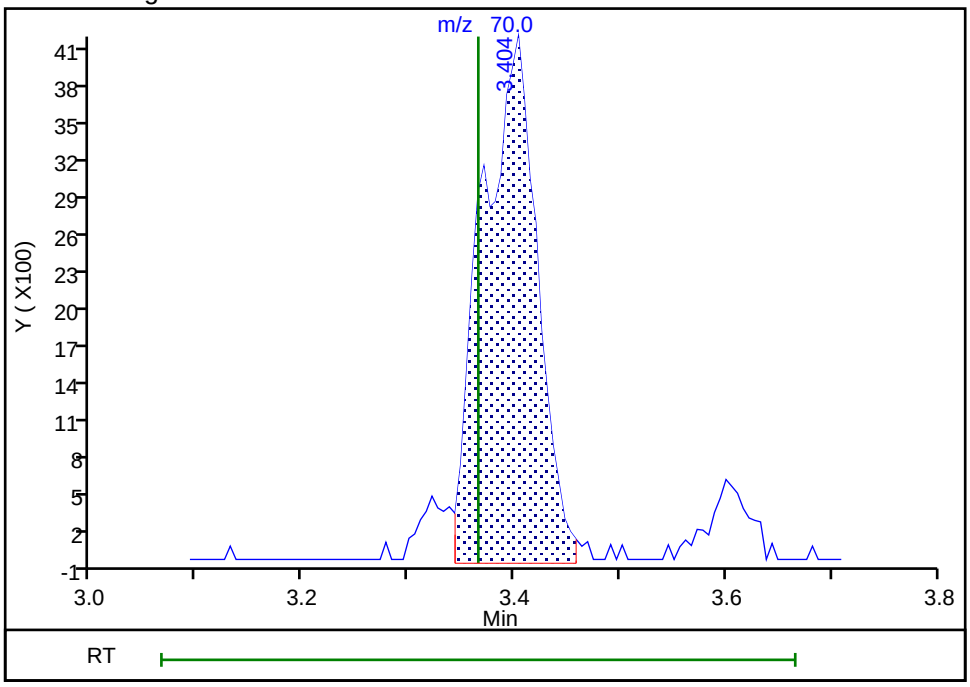
Processing Integration Results

RT: 3.37
Area: 4463
Amount: 11.761539
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 15201
Amount: 40.059861
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

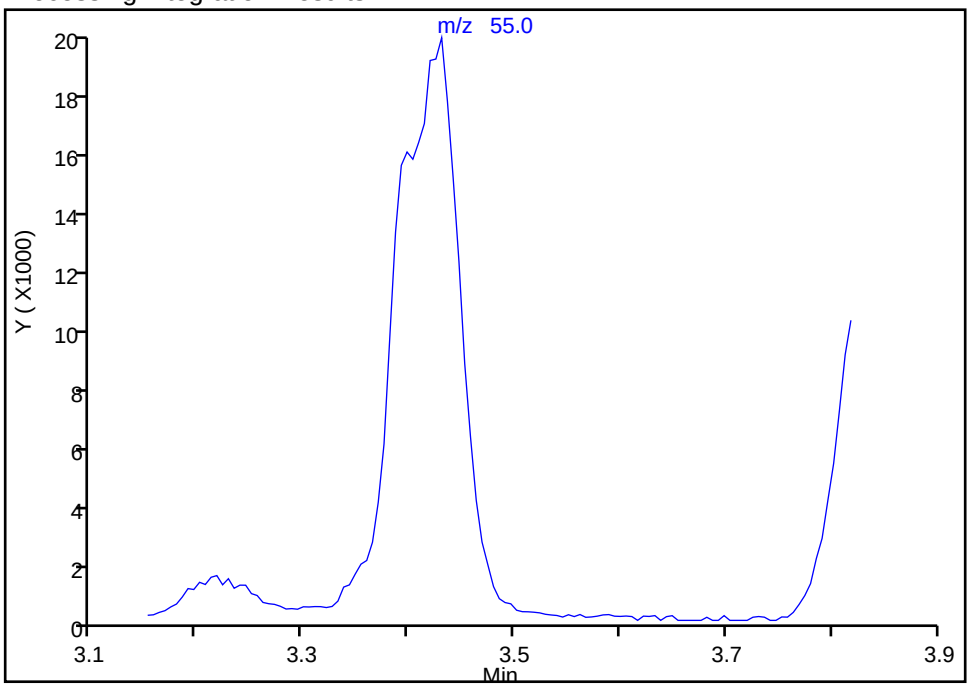
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

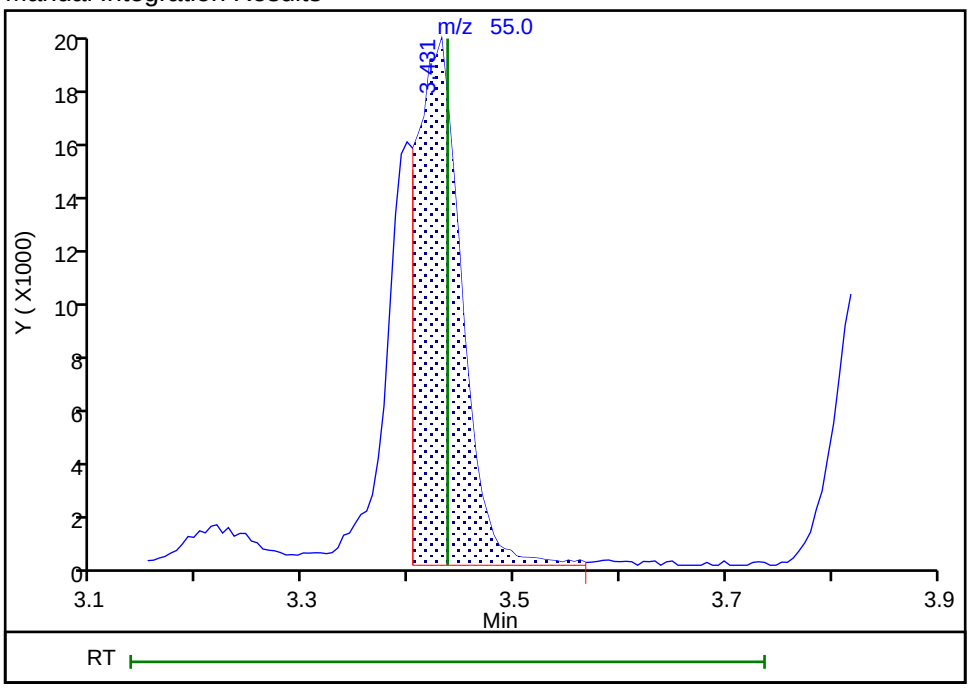
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.43
Area: 57515
Amount: 16.447766
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:49:43
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

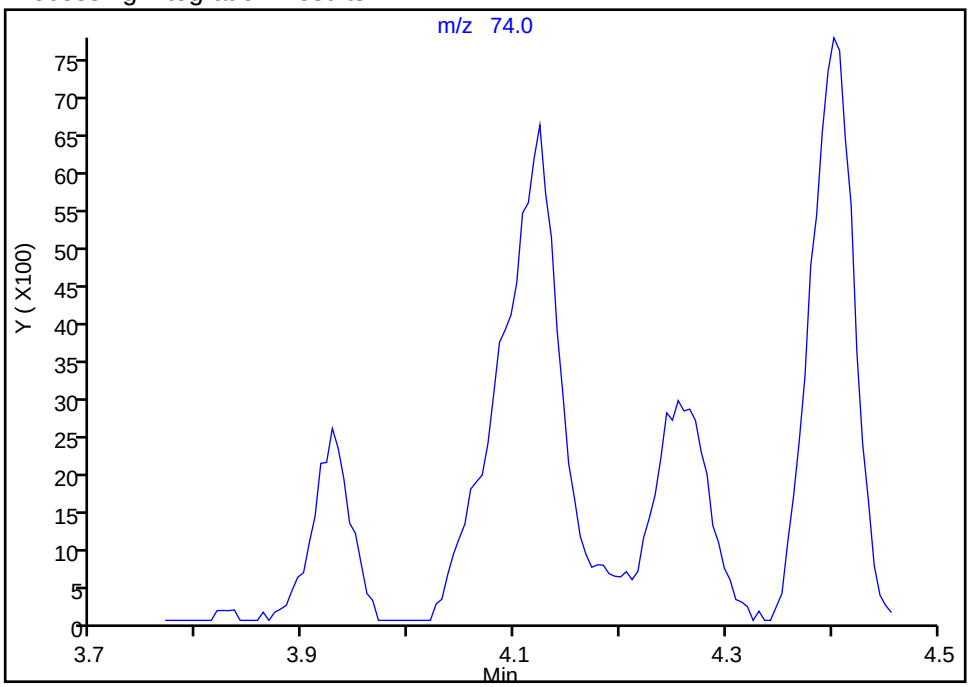
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

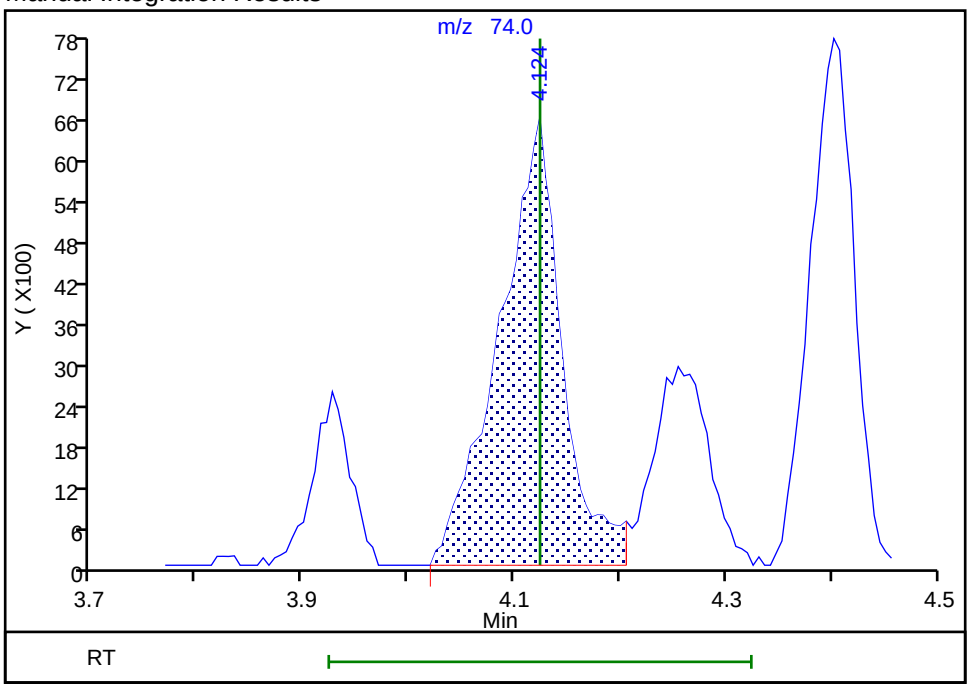
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 27312
Amount: 385.9105
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:49:54
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

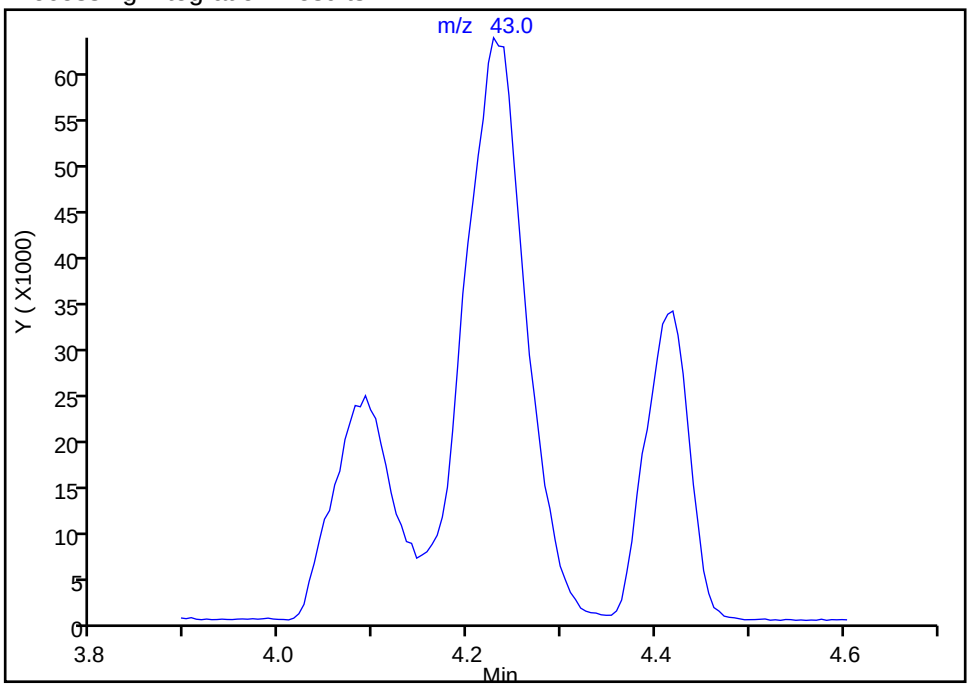
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

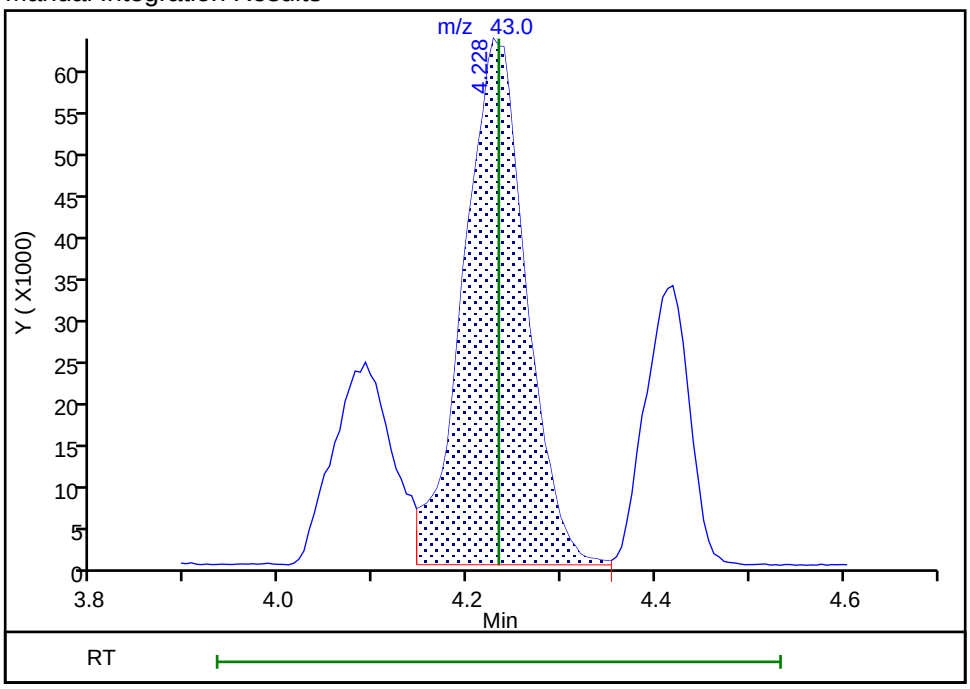
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 295754
Amount: 22.337449
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:50:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

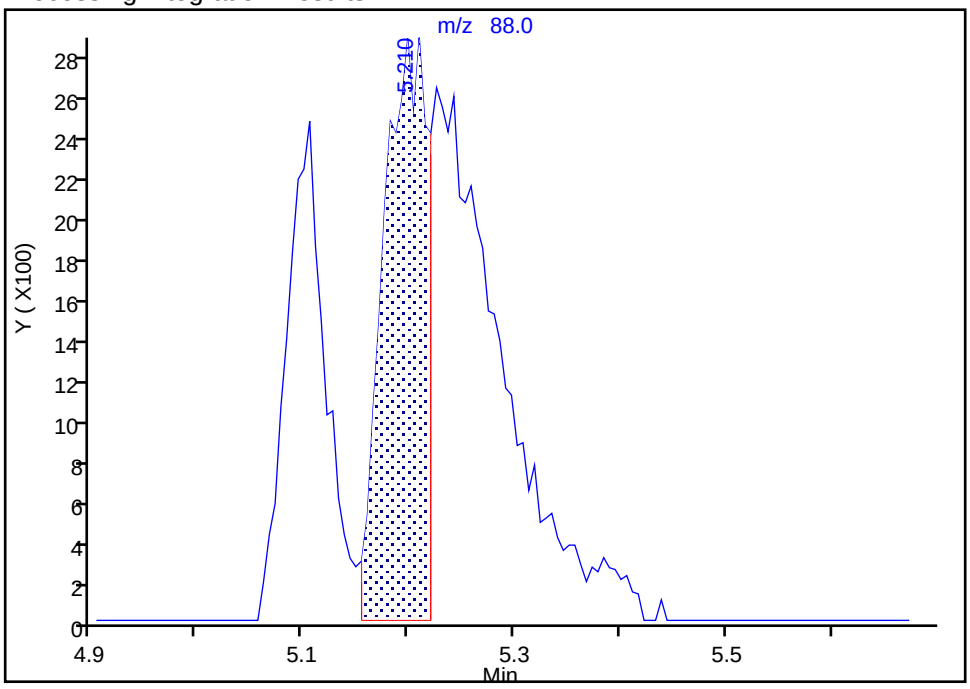
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

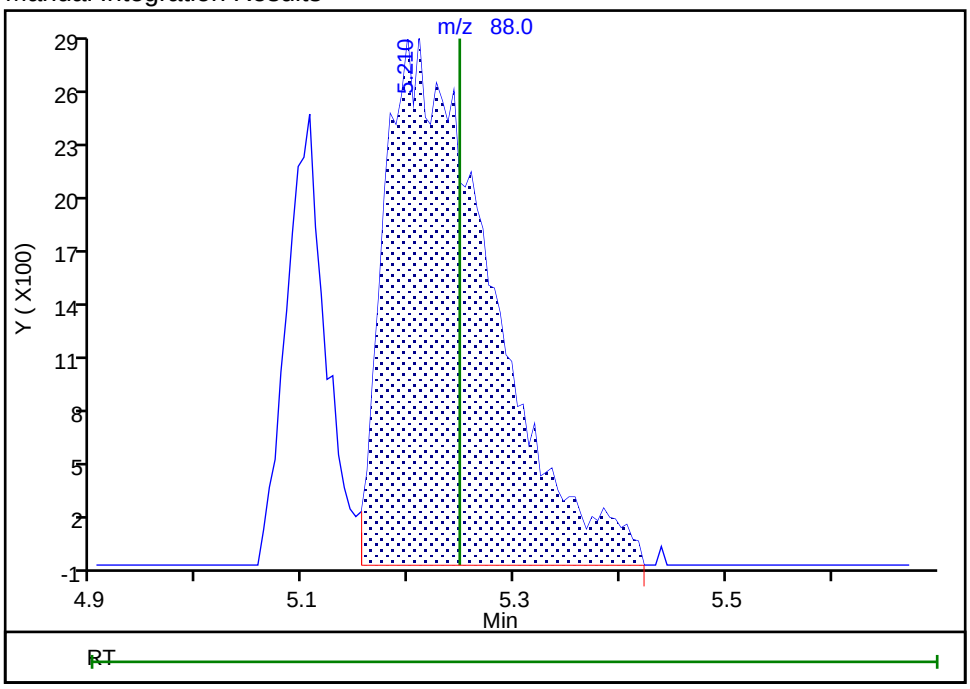
Processing Integration Results

RT: 5.21
Area: 8511
Amount: 179.3879
Amount Units: ug/l



Manual Integration Results

RT: 5.21
Area: 20224
Amount: 413.1639
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:50:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

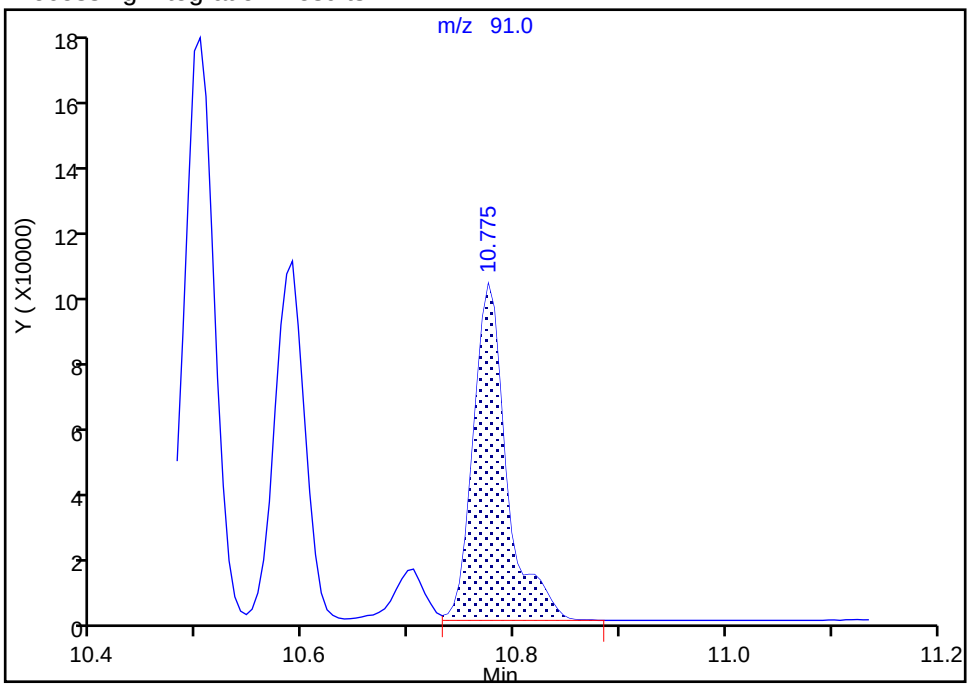
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

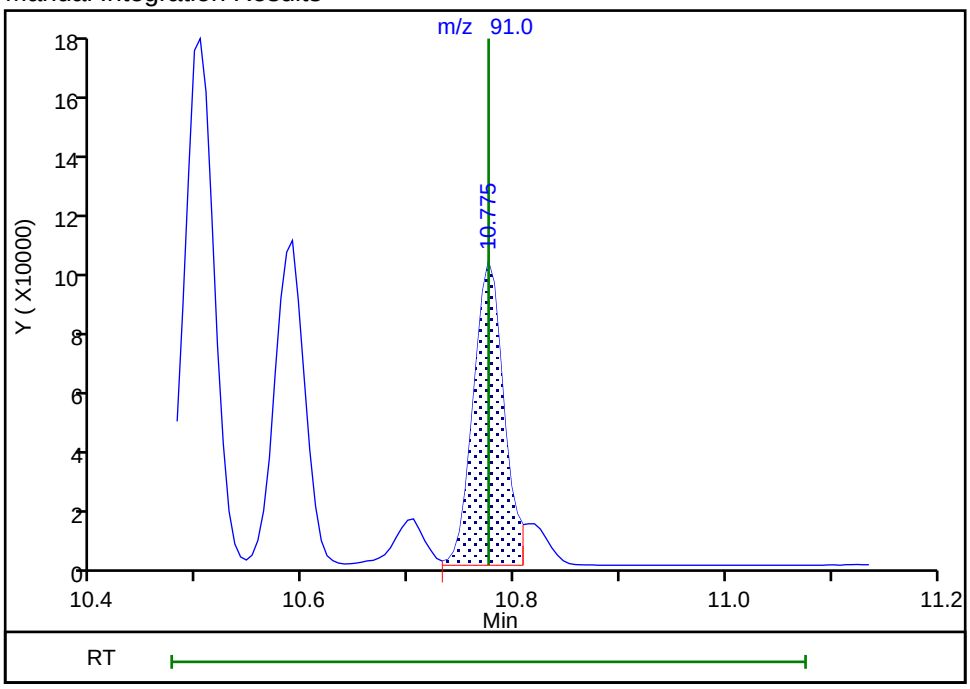
Processing Integration Results

RT: 10.78
Area: 222074
Amount: 22.706165
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 202396
Amount: 20.694170
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:50:35
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719741/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.2069	0.1975		19.1	20.0	-4.5	30.0
Chlorotrifluoroethene	Lin2		0.1277		19.5	20.0	-2.3	30.0
Dichlorodifluoromethane	Ave	0.5060	0.4341	0.1000	17.2	20.0	-14.2	30.0
Chloromethane	Ave	0.7121	0.6844	0.1000	19.2	20.0	-3.9	30.0
Butadiene	Ave	0.4429	0.4485		20.3	20.0	1.3	30.0
Vinyl chloride	Ave	0.4906	0.4925	0.1000	20.1	20.0	0.4	30.0
Bromomethane	Ave	0.3372	0.3295	0.1000	19.5	20.0	-2.3	30.0
Chloroethane	Ave	0.2524	0.2540	0.1000	20.1	20.0	0.6	30.0
Dichlorofluoromethane	Ave	0.6261	0.6502		20.8	20.0	3.8	30.0
Pentane	Ave	1.367	1.505		44.1	40.0	10.1	30.0
Trichlorofluoromethane	Ave	0.4734	0.5019	0.1000	21.2	20.0	6.0	30.0
Ethyl ether	Ave	0.2559	0.2845		22.2	20.0	11.2	30.0
2-Methyl-1,3-butadiene	Ave	0.2933	0.3387		23.1	20.0	15.5	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2602	0.2799		21.5	20.0	7.6	30.0
Ethanol	Ave	0.0662	0.0646		781	800	-2.4	30.0
Acrolein	Ave	1.254	0.8321		199	300	-33.6*	30.0
1,1-Dichloroethene	Ave	0.2971	0.3319	0.1000	22.3	20.0	11.7	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3016	0.3367	0.1000	22.3	20.0	11.6	30.0
Acetone	Ave	1.064	0.9708	0.0500	91.3	100	-8.7	30.0
Iodomethane	Ave	0.6377	0.6651		20.9	20.0	4.3	30.0
Isopropyl alcohol	QuaF		0.9587		177	200	-11.4	30.0
Carbon disulfide	Ave	1.325	1.399	0.1000	21.1	20.0	5.6	30.0
Allyl chloride	Ave	0.4730	0.4785		20.2	20.0	1.2	30.0
Methyl acetate	Ave	7.454	6.786	0.1000	36.4	40.0	-9.0	30.0
Acetonitrile	Ave	0.8780	0.8705		198	200	-0.9	30.0
Cyclopentene	Ave	0.8584	0.9443		22.0	20.0	10.0	30.0
Methylene Chloride	Ave	0.4479	0.4677	0.1000	20.9	20.0	4.4	30.0
2-Methyl-2-propanol	Ave	1.478	1.347		182	200	-8.9	30.0
Acrylonitrile	Ave	0.1351	0.1415		209	200	4.7	30.0
trans-1,2-Dichloroethene	Ave	0.3365	0.3515	0.1000	20.9	20.0	4.5	30.0
Methyl tert-butyl ether	Ave	0.9018	0.9607	0.1000	21.3	20.0	6.5	30.0
Hexane	Ave	0.3091	0.3292		21.3	20.0	6.5	30.0
1,1-Dichloroethane	Ave	0.6582	0.7222	0.2000	21.9	20.0	9.7	30.0
Vinyl acetate	QuaF		1.523		27.8	40.0	-30.4*	30.0
Isopropyl ether	Ave	1.204	1.351		22.4	20.0	12.2	30.0
2-Chloro-1,3-butadiene	Ave	0.3083	0.3470		22.5	20.0	12.5	30.0
Tert-butyl ethyl ether	Ave	1.074	1.287		24.0	20.0	19.8	30.0
cis-1,2-Dichloroethene	Ave	0.4011	0.4397	0.1000	21.9	20.0	9.6	30.0
2,2-Dichloropropane	Ave	0.1651	0.1704		20.6	20.0	3.2	30.0
2-Butanone (MEK)	Ave	0.3718	0.3556	0.0500	95.7	100	-4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719741/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.597	1.519		190	200	-4.9	30.0
Ethyl acetate	Ave	0.3219	0.3223		40.1	40.0	0.1	30.0
Methyl acrylate	QuaF		0.2818		16.4	20.0	-17.8	30.0
Methacrylonitrile	Ave	0.1347	0.1475		219	200	9.5	30.0
Chlorobromomethane	Ave	0.1920	0.2053		21.4	20.0	6.9	30.0
Tetrahydrofuran	Ave	0.4125	0.4322		41.9	40.0	4.8	30.0
Chloroform	Ave	0.6260	0.6666	0.2000	21.3	20.0	6.5	30.0
1,1,1-Trichloroethane	Ave	0.5014	0.5412	0.1000	21.6	20.0	7.9	30.0
Cyclohexane	Ave	0.5042	0.5600	0.1000	22.2	20.0	11.1	30.0
1,1-Dichloropropene	Ave	0.4624	0.4788		20.7	20.0	3.5	30.0
Carbon tetrachloride	Ave	0.4273	0.4594	0.1000	21.5	20.0	7.5	30.0
Benzene	Ave	2.007	2.185	0.5000	21.8	20.0	8.9	30.0
Isobutyl alcohol	QuaF		0.1353		386	500	-22.8	30.0
1,2-Dichloroethane	Ave	0.4441	0.4705	0.1000	21.2	20.0	6.0	30.0
2,2,4-Trimethylpentane	Ave	1.311	1.548		23.6	20.0	18.0	30.0
Isopropyl acetate	Ave	1.297	1.449		22.3	20.0	11.7	30.0
Tert-amyl methyl ether	Ave	0.2882	0.3237		22.5	20.0	12.3	30.0
n-Heptane	Ave	0.6301	0.3700		11.7	20.0	-41.3*	30.0
n-Butanol	QuaF		0.3021		391	500	-21.7	30.0
Trichloroethene	Ave	0.3197	0.3386	0.2000	21.2	20.0	5.9	30.0
Ethyl acrylate	Ave	0.0494	0.0480		19.4	20.0	-2.8	30.0
Methylcyclohexane	Ave	0.5949	0.6587	0.1000	22.1	20.0	10.7	30.0
1,2-Dichloropropane	Ave	0.3436	0.3602	0.1000	21.0	20.0	4.8	30.0
Dibromomethane	Ave	0.2008	0.2142		21.3	20.0	6.7	30.0
Methyl methacrylate	Ave	0.1811	0.1907		42.1	40.0	5.3	30.0
1,4-Dioxane	Lin2		1.422		413	400	3.3	30.0
n-Propyl acetate	Ave	0.4173	0.4181		20.0	20.0	0.2	30.0
Dichlorobromomethane	Ave	0.4197	0.4418	0.2000	21.1	20.0	5.3	30.0
2-Nitropropane	Lin2		0.0692		37.9	40.0	-5.3	30.0
2-Chloroethyl vinyl ether	Ave	0.0583	0.0610		20.9	20.0	4.6	30.0
Epichlorohydrin	Ave	0.2620	0.2752		21.0	20.0	5.1	30.0
cis-1,3-Dichloropropene	Ave	0.6575	0.6639	0.2000	20.2	20.0	1.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.897	3.038	0.0500	105	100	4.9	30.0
Toluene	Ave	1.772	1.849	0.4000	20.9	20.0	4.3	30.0
trans-1,3-Dichloropropene	Ave	0.5350	0.5142	0.1000	19.2	20.0	-3.9	30.0
Ethyl methacrylate	Ave	0.4918	0.5284		21.5	20.0	7.4	30.0
1,1,2-Trichloroethane	Ave	0.2918	0.3122	0.1000	21.4	20.0	7.0	30.0
Tetrachloroethene	Ave	0.4103	0.4333	0.2000	21.1	20.0	5.6	30.0
1,3-Dichloropropane	Ave	0.5550	0.5765		20.8	20.0	3.9	30.0
2-Hexanone	Ave	1.669	1.746	0.0500	105	100	4.6	30.0
Chlorodibromomethane	Ave	0.3974	0.4124	0.1000	20.8	20.0	3.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719741/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.6361	0.6820		21.4	20.0	7.2	30.0
Ethylene Dibromide	Ave	0.3332	0.3564	0.1000	21.4	20.0	6.9	30.0
Chlorobenzene	Ave	1.071	1.119	0.5000	20.9	20.0	4.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4846	0.5026		20.7	20.0	3.7	30.0
Ethylbenzene	Ave	0.5923	0.6225	0.1000	21.0	20.0	5.1	30.0
m-Xylene & p-Xylene	Ave	0.7419	0.7634	0.1000	20.6	20.0	2.9	30.0
o-Xylene	Ave	0.7915	0.8456	0.3000	21.4	20.0	6.8	30.0
Styrene	Ave	1.148	1.245	0.3000	21.7	20.0	8.5	30.0
n-Butyl acrylate	Ave	0.3084	0.3400		22.0	20.0	10.2	30.0
Bromoform	Ave	0.2700	0.2806	0.1000	20.8	20.0	4.0	30.0
Amyl acetate (mixed isomers)	Ave	1.375	1.503		21.9	20.0	9.4	30.0
Isopropylbenzene	Ave	2.035	2.243	0.1000	22.0	20.0	10.2	30.0
Bromobenzene	Ave	0.8598	0.8758		20.4	20.0	1.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9833	1.026	0.3000	20.9	20.0	4.3	30.0
1,2,3-Trichloropropane	Ave	0.2400	0.2510		20.9	20.0	4.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.2171		20.1	20.0	0.5	30.0
N-Propylbenzene	Ave	4.224	4.422		20.9	20.0	4.7	30.0
2-Chlorotoluene	Ave	2.588	2.719		21.0	20.0	5.0	30.0
4-Ethyltoluene	Ave	3.313	3.617		21.8	20.0	9.2	30.0
4-Chlorotoluene	Ave	2.483	2.569		20.7	20.0	3.5	30.0
1,3,5-Trimethylbenzene	Ave	3.189	3.320		20.8	20.0	4.1	30.0
Butyl Methacrylate	Ave	1.012	1.144		22.6	20.0	13.1	30.0
tert-Butylbenzene	QuaF		2.563		16.5	20.0	-17.7	30.0
1,2,4-Trimethylbenzene	Ave	3.262	3.386		20.8	20.0	3.8	30.0
sec-Butylbenzene	Ave	4.000	4.230		21.2	20.0	5.8	30.0
1,3-Dichlorobenzene	Ave	1.601	1.682	0.6000	21.0	20.0	5.1	30.0
1,4-Dichlorobenzene	Ave	1.588	1.675	0.5000	21.1	20.0	5.5	30.0
4-Isopropyltoluene	Ave	3.376	3.597		21.3	20.0	6.5	30.0
Benzyl chloride	Ave	1.398	1.234		17.6	20.0	-11.8	30.0
Indan	Ave	3.109	3.498		22.5	20.0	12.5	30.0
1,2-Dichlorobenzene	Ave	1.743	1.803	0.4000	20.7	20.0	3.4	30.0
p-Diethylbenzene	Ave	1.698	1.949		23.0	20.0	14.8	30.0
n-Butylbenzene	Ave	1.753	1.924		22.0	20.0	9.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2293	0.2386	0.0500	20.8	20.0	4.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.440	3.760		21.9	20.0	9.3	30.0
1,3,5-Trichlorobenzene	Ave	1.480	1.597		21.6	20.0	8.0	30.0
1,2,4-Trichlorobenzene	Ave	1.520	1.583	0.2000	20.8	20.0	4.2	30.0
Hexachlorobutadiene	Ave	0.7620	0.7906		20.8	20.0	3.8	30.0
Naphthalene	Lin2		4.105		21.8	20.0	8.9	30.0
1,2,3-Trichlorobenzene	Ave	1.637	1.711		20.9	20.0	4.5	30.0
Dibromofluoromethane (Surr)	Ave	0.3403	0.3523		51.8	50.0	3.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719741/16 Calibration Date: 08/27/2020 01:41

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18463.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3506	0.3755		53.5	50.0	7.1	30.0
Toluene-d8 (Surr)	Ave	1.579	1.601		50.7	50.0	1.4	30.0
4-Bromofluorobenzene	Ave	0.4722	0.4909		52.0	50.0	4.0	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Aug-2020 01:41:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0115799-016
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:50:48 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 27-Aug-2020 15:51:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.036	1.036	0.000	1	4657	20.0	14.3	
3 1,1-Difluoroethane	65	1.074	1.074	0.000	58	40310	20.0	19.1	
2 Chlorotrifluoroethene	116	1.112	1.112	0.000	27	26065	20.0	19.5	
5 Chlorodifluoromethane	67	1.128	1.129	-0.001	47	14689	20.0	20.2	
4 Dichlorodifluoromethane	85	1.128	1.134	-0.006	60	88610	20.0	17.2	
6 Chloromethane	50	1.248	1.249	-0.001	98	139697	20.0	19.2	
7 Butadiene	54	1.287	1.281	0.006	93	91544	20.0	20.3	
8 Vinyl chloride	62	1.308	1.309	-0.001	82	100531	20.0	20.1	
9 Bromomethane	94	1.494	1.489	0.005	98	67255	20.0	19.5	
10 Chloroethane	64	1.527	1.521	0.006	77	51837	20.0	20.1	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	89	132714	20.0	20.8	
13 Pentane	72	1.701	1.712	-0.011	89	24306	40.0	44.1	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	33	102453	20.0	21.2	
15 Ethyl ether	59	1.838	1.838	0.000	91	58075	20.0	22.2	
16 2-Methyl-1,3-butadiene	53	1.860	1.865	-0.005	76	69128	20.0	23.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.870	1.871	-0.001	62	57139	20.0	21.5	
14 Ethanol	46	1.925	1.903	0.022	67	20872	800.0	780.6	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.903	1.914	-0.011	95	99236	20.0	21.2	a
19 Acrolein	56	1.930	1.931	-0.001	95	100901	300.4	199.3	
21 1,1-Dichloroethene	96	2.007	2.007	0.000	96	67754	20.0	22.3	
22 Acetone	43	2.040	2.034	0.006	68	114448	100.0	91.3	
20 112TCTFE	101	2.034	2.040	-0.006	67	68725	20.0	22.3	
23 Iodomethane	142	2.116	2.116	0.000	97	135768	20.0	20.9	
24 Isopropyl alcohol	45	2.154	2.171	-0.017	1	77399	200.0	177.2	
25 Carbon disulfide	76	2.181	2.171	0.010	99	285479	20.0	21.1	M
26 3-Chloro-1-propene	39	2.241	2.242	-0.001	90	97663	20.0	20.2	a
27 Methyl acetate	43	2.258	2.258	0.000	68	109567	40.0	36.4	
29 Acetonitrile	41	2.285	2.285	0.000	71	70279	200.0	198.3	M
28 Cyclopentene	67	2.307	2.307	0.000	58	192739	20.0	22.0	
31 Methylene Chloride	84	2.334	2.340	-0.006	69	95468	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.405	0.000	98	403680	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.471	2.476	-0.005	91	108733	200.0	182.3	a
35 Acrylonitrile	53	2.509	2.509	0.000	94	288835	200.0	209.4	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	96	71742	20.0	20.9	
33 Methyl tert-butyl ether	73	2.558	2.547	0.011	3	196090	20.0	21.3	
36 Hexane	43	2.738	2.738	0.000	92	67198	20.0	21.3	
38 1,1-Dichloroethane	63	2.847	2.853	-0.006	91	147410	20.0	21.9	
39 Vinyl acetate	86	2.891	2.891	0.000	100	24588	40.0	27.8	
37 Isopropyl ether	45	2.918	2.918	0.000	82	275761	20.0	22.4	
40 2-Chloro-1,3-butadiene	88	2.923	2.924	-0.001	77	70832	20.0	22.5	
41 Tert-butyl ethyl ether	59	3.218	3.213	0.005	72	262789	20.0	24.0	
* 42 2-Butanone-d5	46	3.295	3.295	0.000	82	294740	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.327	0.000	89	89758	20.0	21.9	
43 2,2-Dichloropropane	79	3.338	3.338	0.000	52	34782	20.0	20.6	
46 2-Butanone (MEK)	72	3.349	3.349	0.000	99	41928	100.0	95.7	
45 Ethyl acetate	70	3.404	3.366	0.038	99	15201	40.0	40.1	M
48 Propionitrile	54	3.393	3.398	-0.005	94	122611	200.0	190.1	a
47 Methyl acrylate	55	3.431	3.437	-0.006	98	57515	20.0	16.4	Ma
51 Methacrylonitrile	67	3.524	3.524	0.000	92	301121	200.0	219.1	
50 Chlorobromomethane	128	3.535	3.535	0.000	40	41905	20.0	21.4	
49 Tetrahydrofuran	72	3.589	3.595	-0.006	76	20383	40.0	41.9	
52 Chloroform	83	3.606	3.611	-0.005	92	136060	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	96	179777	50.0	51.8	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	54	110473	20.0	21.6	
53 Cyclohexane	84	3.840	3.840	0.000	77	114311	20.0	22.2	
57 1,1-Dichloropropene	75	3.927	3.928	-0.001	91	97735	20.0	20.7	
56 Carbon tetrachloride	117	3.938	3.944	-0.006	94	93769	20.0	21.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	191591	50.0	53.5	
58 Isobutyl alcohol	74	4.124	4.124	0.000	96	27312	500.0	385.9	a
60 Benzene	78	4.124	4.130	-0.006	90	302814	20.0	21.8	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	69	96047	20.0	21.2	
59 Isooctane	57	4.217	4.217	0.000	87	315889	20.0	23.6	
62 Isopropyl acetate	43	4.228	4.233	-0.005	95	295754	20.0	22.3	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	86	66064	20.0	22.5	
* 66 Fluorobenzene	96	4.402	4.408	-0.006	97	510292	50.0	50.0	
65 n-Heptane	57	4.408	4.413	-0.005	48	75531	20.0	11.7	
68 n-Butanol	56	4.762	4.757	0.005	88	60980	500.0	391.5	
69 Trichloroethene	95	4.784	4.790	-0.006	93	69121	20.0	21.2	
70 Ethyl acrylate	56	4.915	4.921	-0.006	91	9792	20.0	19.4	
71 Methylcyclohexane	83	5.008	5.008	0.000	87	134460	20.0	22.1	
72 1,2-Dichloropropane	63	5.024	5.030	-0.006	87	73522	20.0	21.0	
77 Dibromomethane	93	5.155	5.161	-0.006	95	43717	20.0	21.3	
* 73 1,4-Dioxane-d8	96	5.161	5.166	-0.005	42	35553	1000.0	1000.0	
74 Methyl methacrylate	69	5.182	5.183	-0.001	89	77842	40.0	42.1	
75 1,4-Dioxane	88	5.210	5.248	-0.038	86	20224	400.0	413.2	M
76 n-Propyl acetate	43	5.270	5.264	0.006	98	85347	20.0	20.0	
78 Dichlorobromomethane	83	5.346	5.352	-0.006	98	90185	20.0	21.1	
79 2-Nitropropane	41	5.619	5.614	0.005	94	28260	40.0	37.9	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	75	12442	20.0	20.9	
80 Epichlorohydrin	57	5.783	5.777	0.006	63	6490	20.0	21.0	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	92008	20.0	20.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.116	-0.006	70	358153	100.0	104.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	554589	50.0	50.7	
84 Toluene	91	6.301	6.301	0.000	93	256229	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	97	71260	20.0	19.2	
86 Ethyl methacrylate	69	6.781	6.781	0.000	90	73223	20.0	21.5	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	92	43266	20.0	21.4	
88 Tetrachloroethene	166	7.021	7.021	0.000	92	60045	20.0	21.1	
89 1,3-Dichloropropane	76	7.059	7.060	-0.001	96	79893	20.0	20.8	
90 2-Hexanone	43	7.229	7.234	-0.005	97	205876	100.0	104.6	
92 Chlorodibromomethane	129	7.365	7.365	0.000	97	57146	20.0	20.8	
91 n-Butyl acetate	43	7.458	7.458	0.000	98	94511	20.0	21.4	
93 Ethylene Dibromide	107	7.496	7.496	0.000	97	49388	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.189	8.195	-0.006	75	346452	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	87	155070	20.0	20.9	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	90	69646	20.0	20.7	
96 Ethylbenzene	106	8.434	8.435	-0.001	98	86270	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	105790	20.0	20.6	
100 o-Xylene	106	9.220	9.220	0.000	89	117179	20.0	21.4	
101 Styrene	104	9.247	9.248	-0.001	94	172593	20.0	21.7	
99 n-Butyl acrylate	73	9.280	9.286	-0.006	97	47112	20.0	22.0	
103 Bromoform	173	9.488	9.488	0.000	98	38890	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	89	118416	20.0	21.9	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	310788	20.0	22.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	170061	50.0	52.0	
106 Bromobenzene	156	10.235	10.235	0.000	99	68987	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	92	80788	20.0	20.9	
109 1,2,3-Trichloropropane	110	10.371	10.372	-0.001	92	19774	20.0	20.9	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	75	17103	20.0	20.1	
108 N-Propylbenzene	91	10.502	10.503	-0.001	99	348312	20.0	20.9	
111 2-Chlorotoluene	91	10.590	10.590	0.000	96	214147	20.0	21.0	
112 4-Ethyltoluene	105	10.699	10.699	0.000	69	284937	20.0	21.8	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	202396	20.0	20.7	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	261499	20.0	20.8	
115 Butyl Methacrylate	87	11.081	11.081	0.000	92	90141	20.0	22.6	
116 tert-Butylbenzene	119	11.321	11.321	0.000	90	201917	20.0	16.5	
117 1,2,4-Trimethylbenzene	105	11.392	11.397	-0.005	98	266694	20.0	20.8	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	333182	20.0	21.2	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	132504	20.0	21.0	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.818	-0.001	84	196925	50.0	50.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	94	283356	20.0	21.3	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	69	131947	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	98	296926	NC	NC	
124 Benzyl chloride	91	12.036	12.036	0.000	98	97199	20.0	17.6	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	90	275573	20.0	22.5	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	92	141994	20.0	20.7	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	153506	20.0	23.0	
127 n-Butylbenzene	92	12.336	12.341	-0.005	99	151543	20.0	22.0	
130 1,2-Dibromo-3-Chloropropane	157	13.111	13.122	-0.011	37	18795	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	13.116	13.127	-0.011	96	296138	20.0	21.9	
131 1,3,5-Trichlorobenzene	180	13.318	13.329	-0.011	97	125833	20.0	21.6	
132 1,2,4-Trichlorobenzene	180	13.874	13.896	-0.022	92	124702	20.0	20.8	
133 Hexachlorobutadiene	225	14.049	14.071	-0.022	95	62274	20.0	20.8	
134 Naphthalene	128	14.076	14.104	-0.028	99	323389	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	14.289	14.317	-0.028	95	134763	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 137 Xylenes, Total	100				0		40.0	41.9	
S 139 Total BTEX	1				0		100.0	105.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00115	Amount Added:	3.00	Units: uL		
8FreonsSS_00023	Amount Added:	2.00	Units: uL		
8260 SP_00128	Amount Added:	2.00	Units: uL		
GAS C SP_00371	Amount Added:	2.00	Units: uL		
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 27-Aug-2020 15:52:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D

Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9 Operator ID:

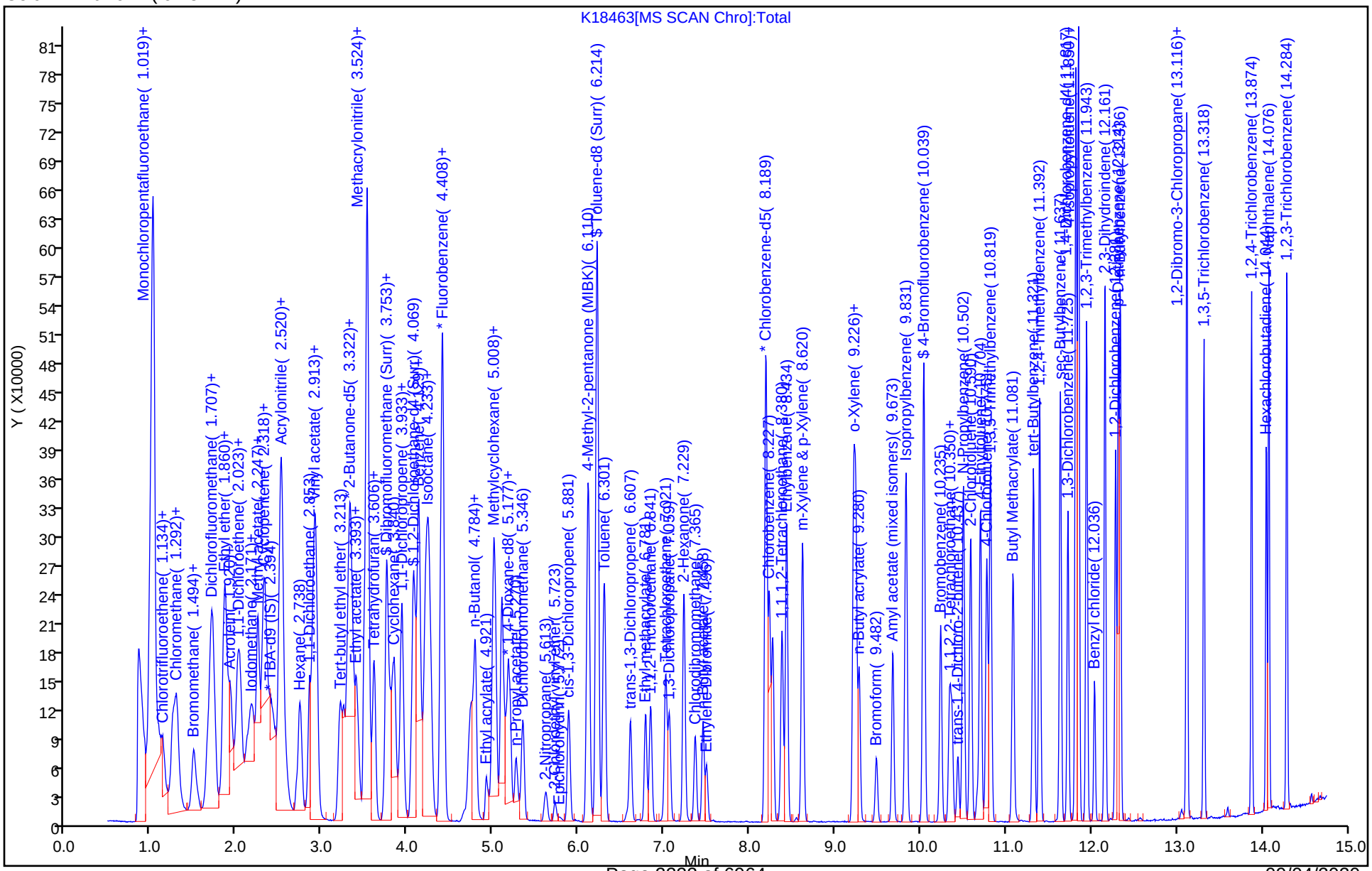
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

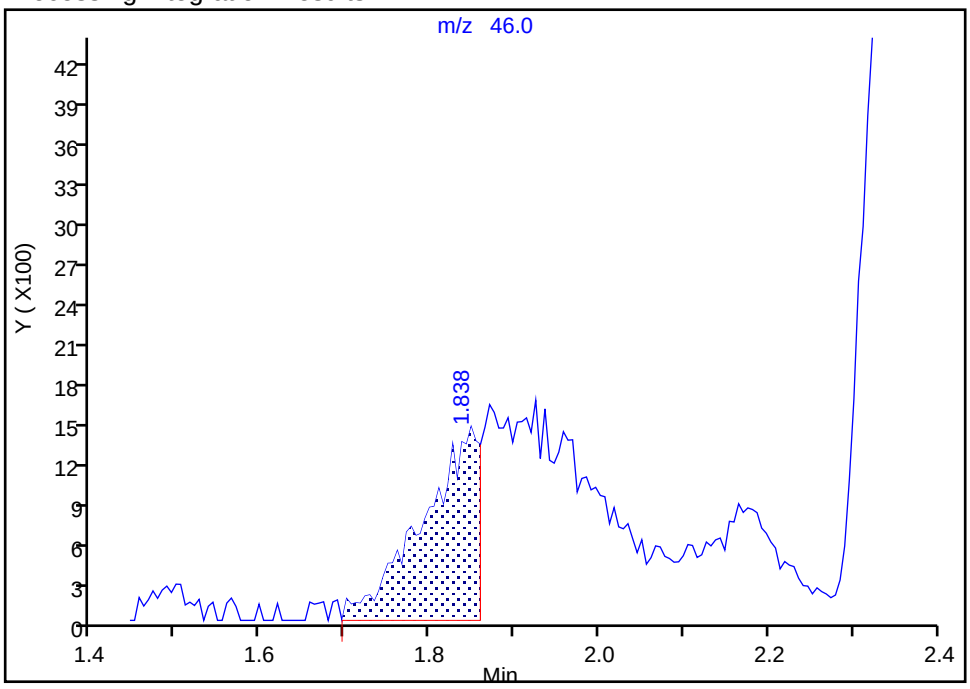
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

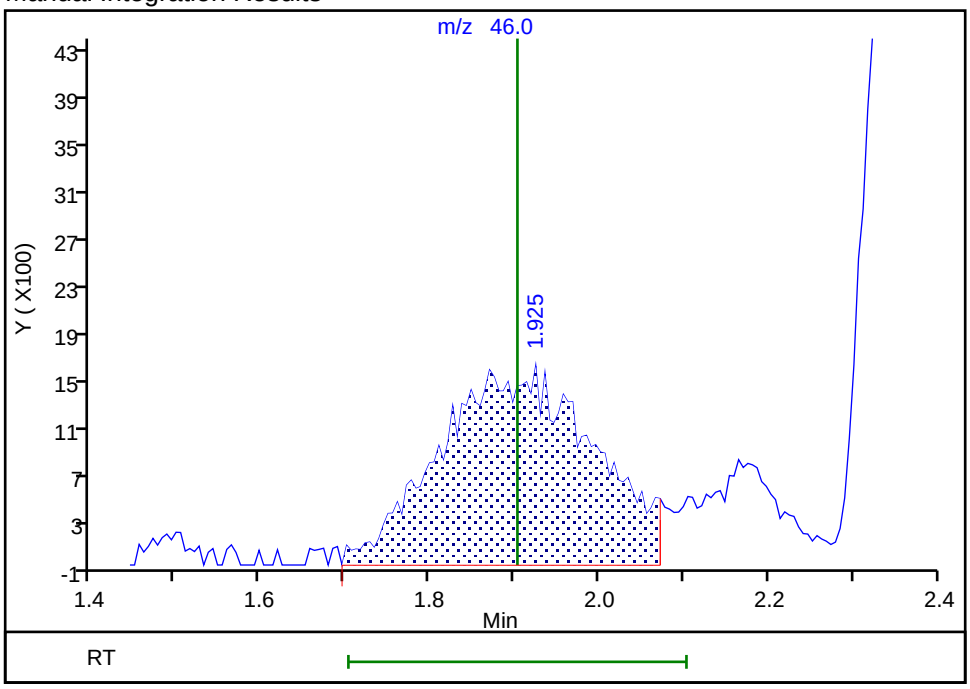
Processing Integration Results

RT: 1.84
Area: 6740
Amount: 252.0866
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 20872
Amount: 780.6455
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:47:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

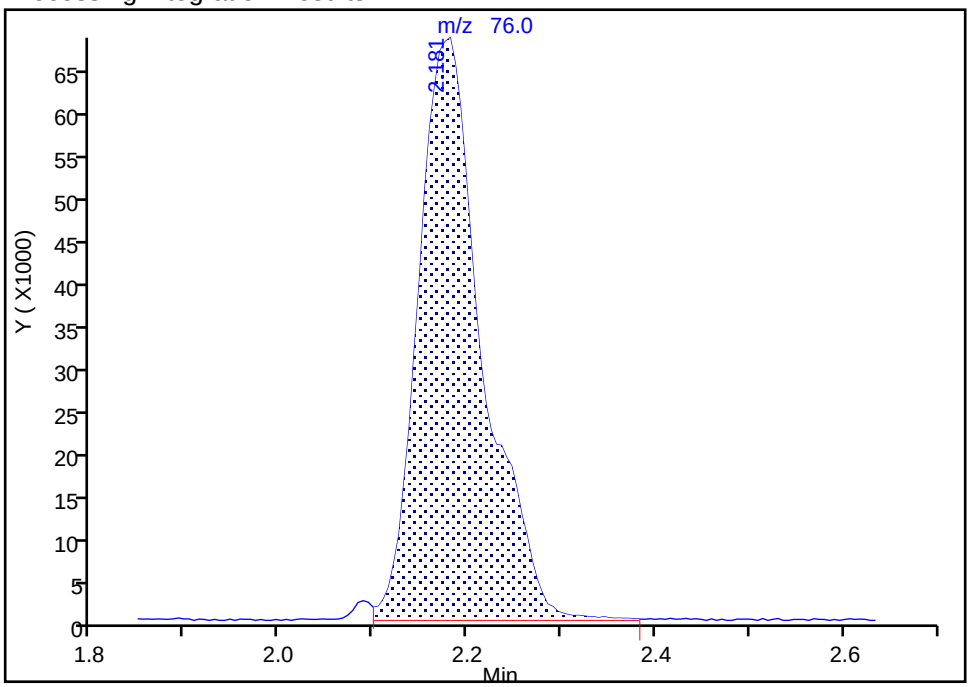
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

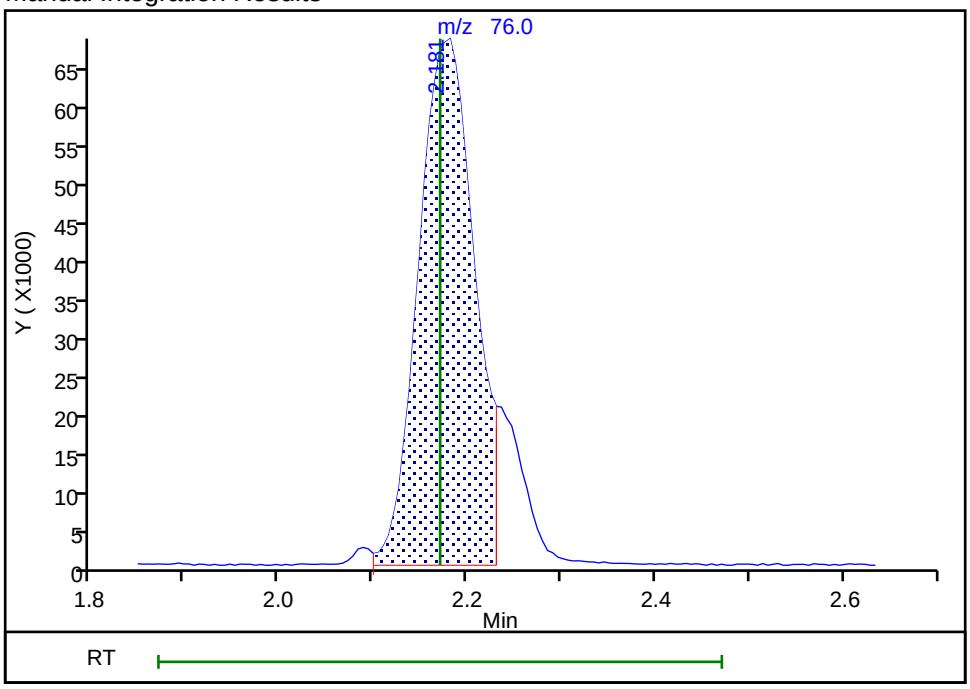
Processing Integration Results

RT: 2.18
Area: 325270
Amount: 24.054166
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 285479
Amount: 21.111566
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:47:55
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

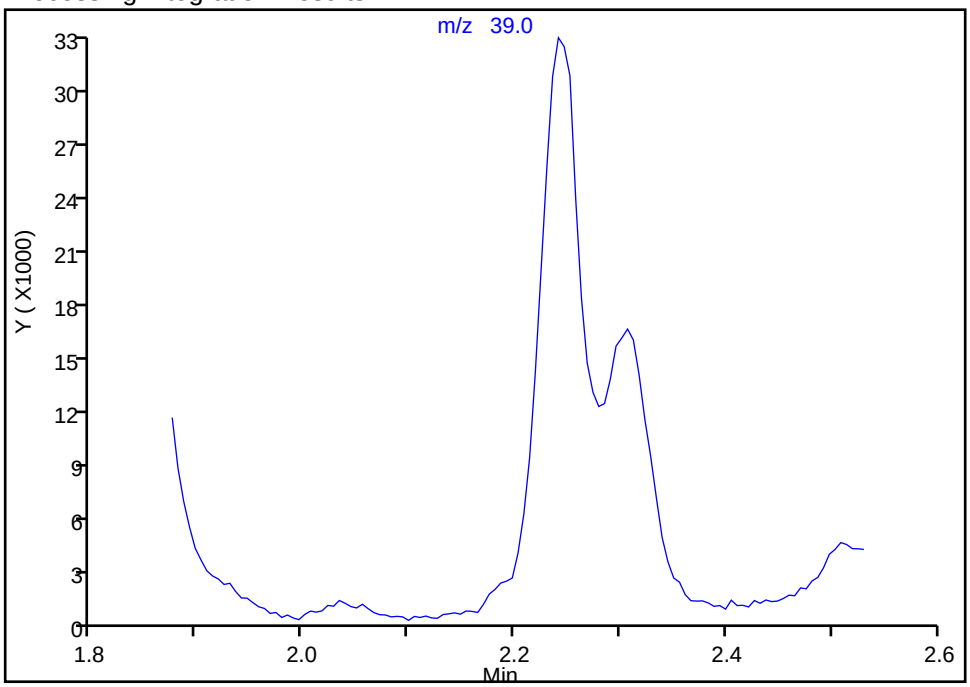
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

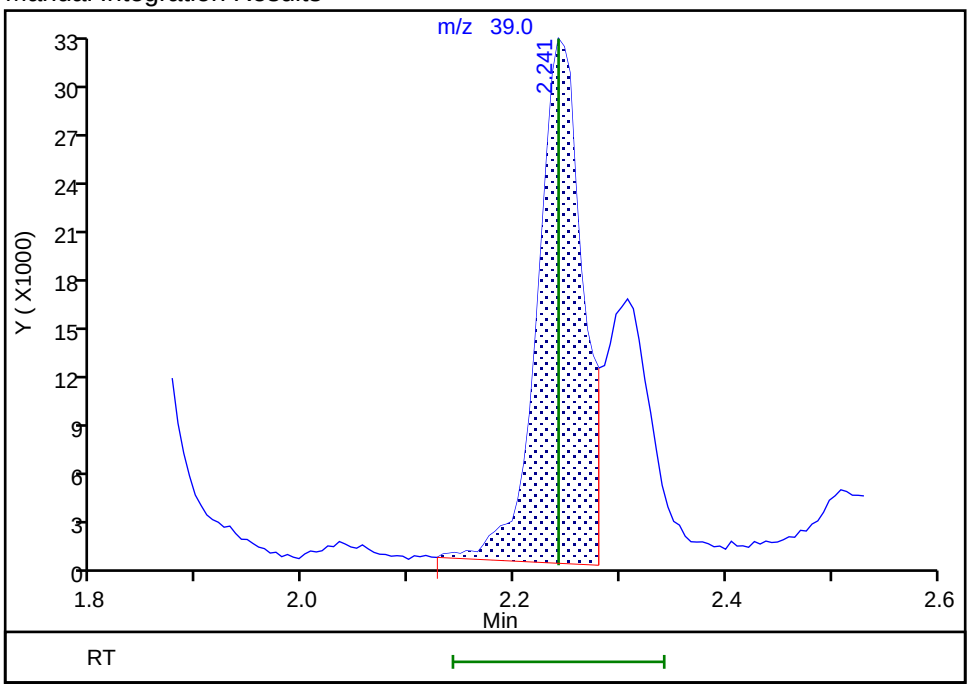
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 97663
Amount: 20.232093
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

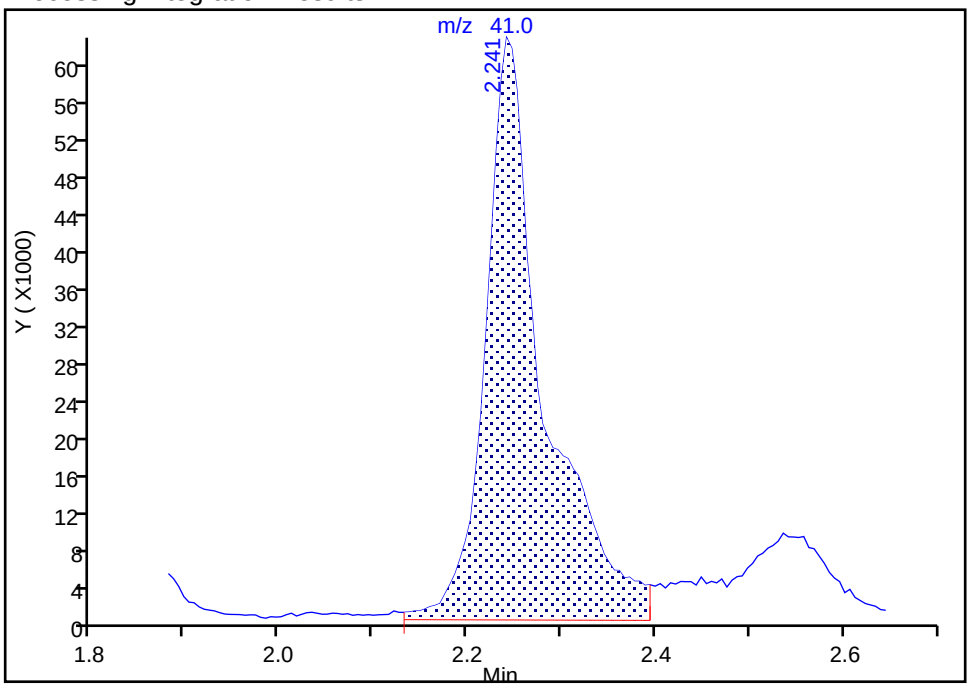
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

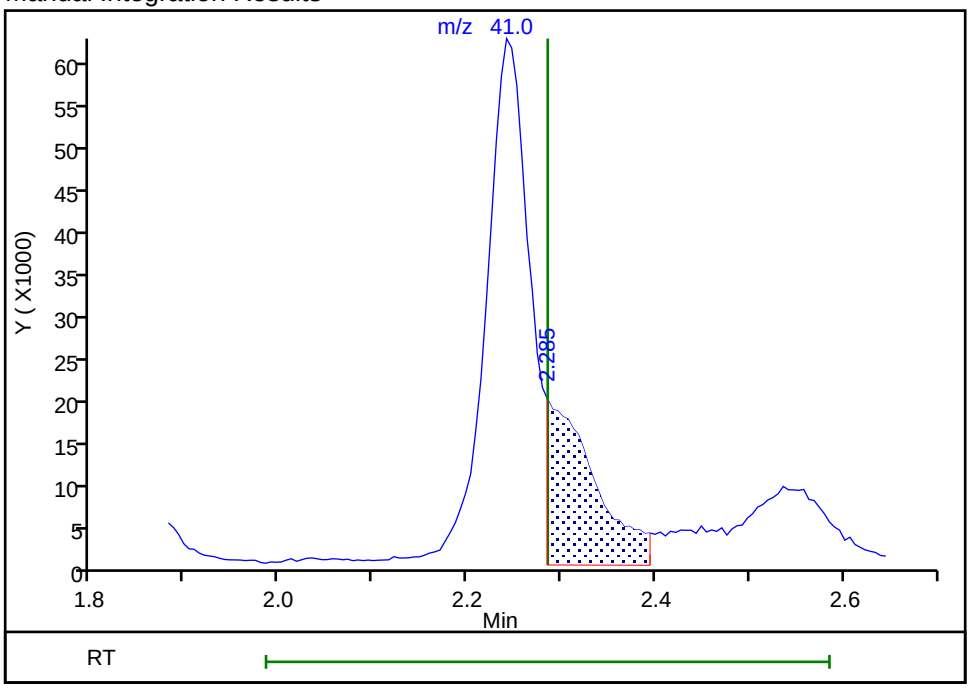
Processing Integration Results

RT: 2.24
Area: 268451
Amount: 757.4475
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 70279
Amount: 198.2956
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:10
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

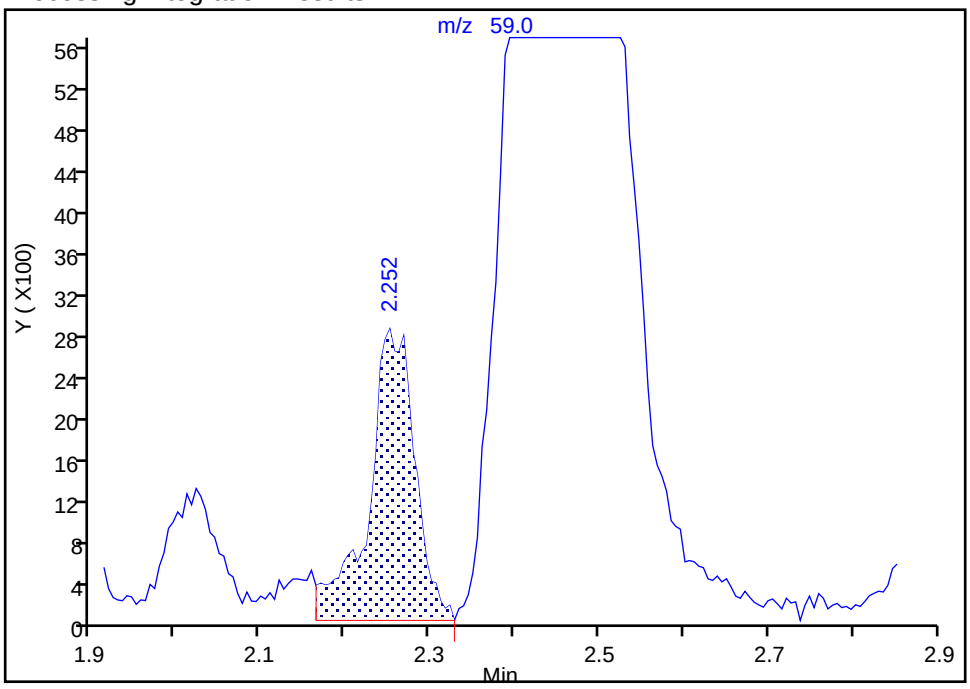
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

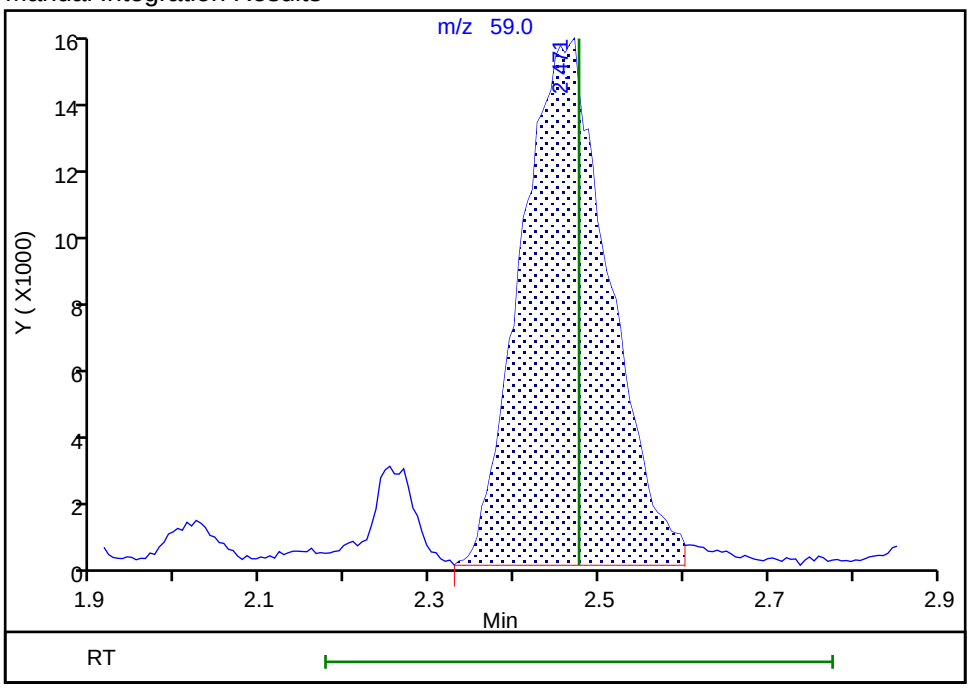
Processing Integration Results

RT: 2.25
Area: 10714
Amount: 17.962204
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 108733
Amount: 182.2927
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

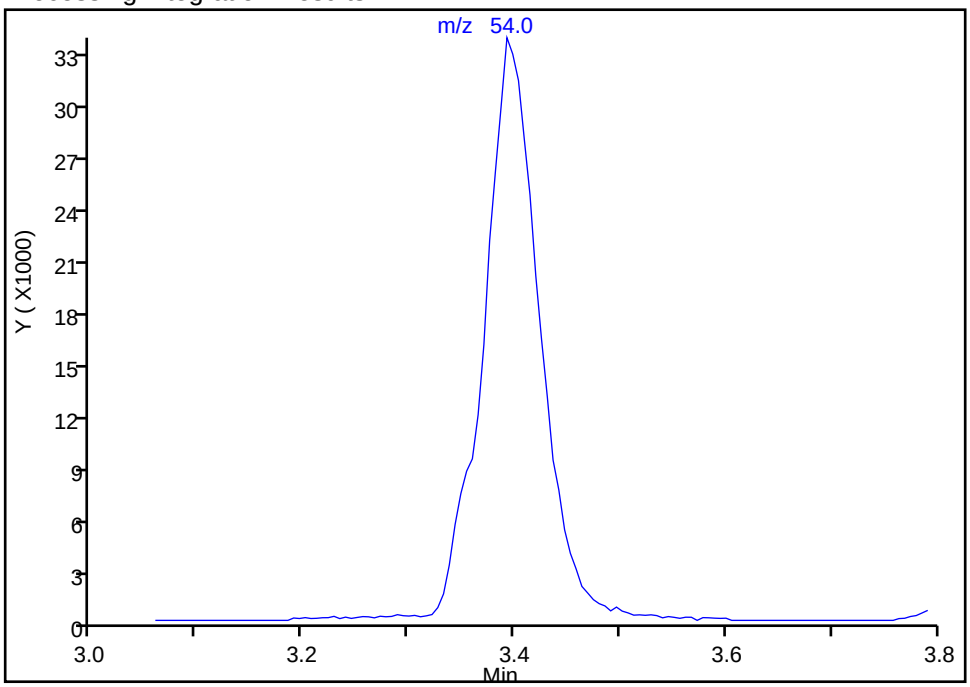
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

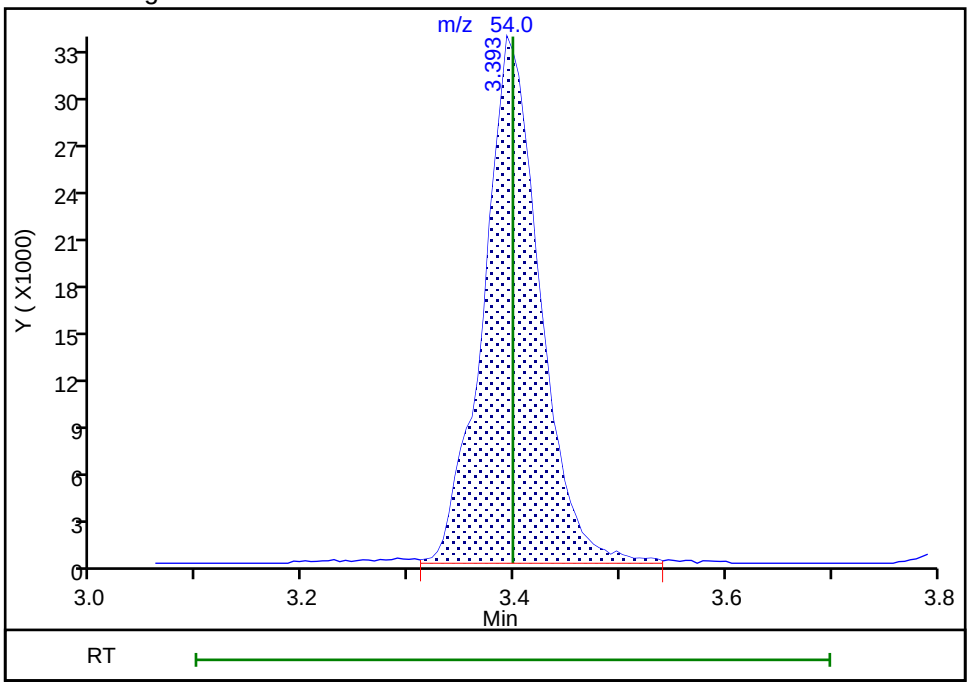
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 122611
Amount: 190.1392
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:49:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

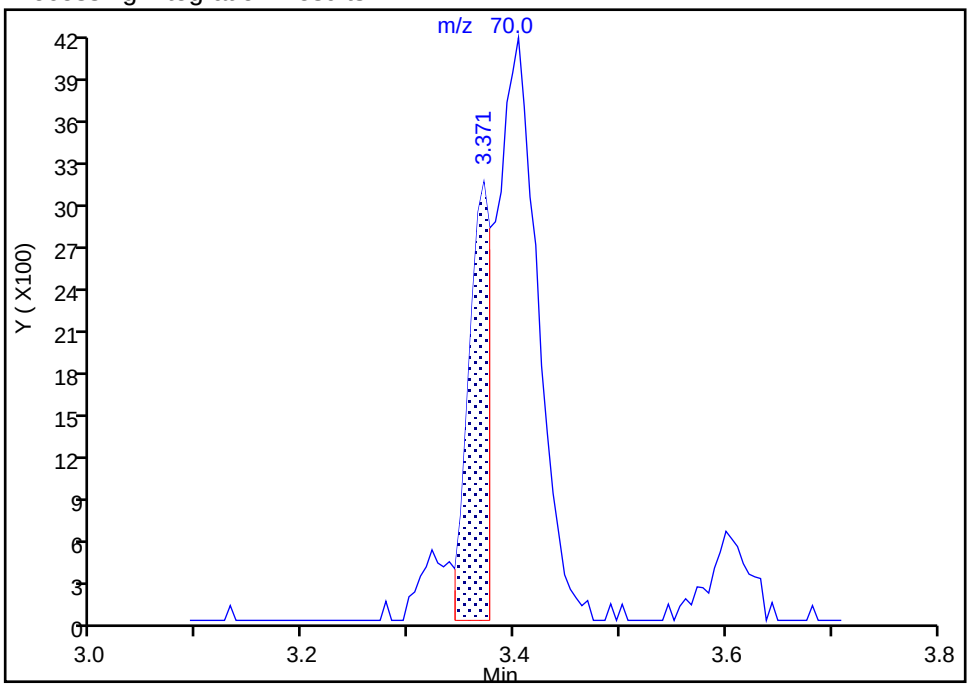
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

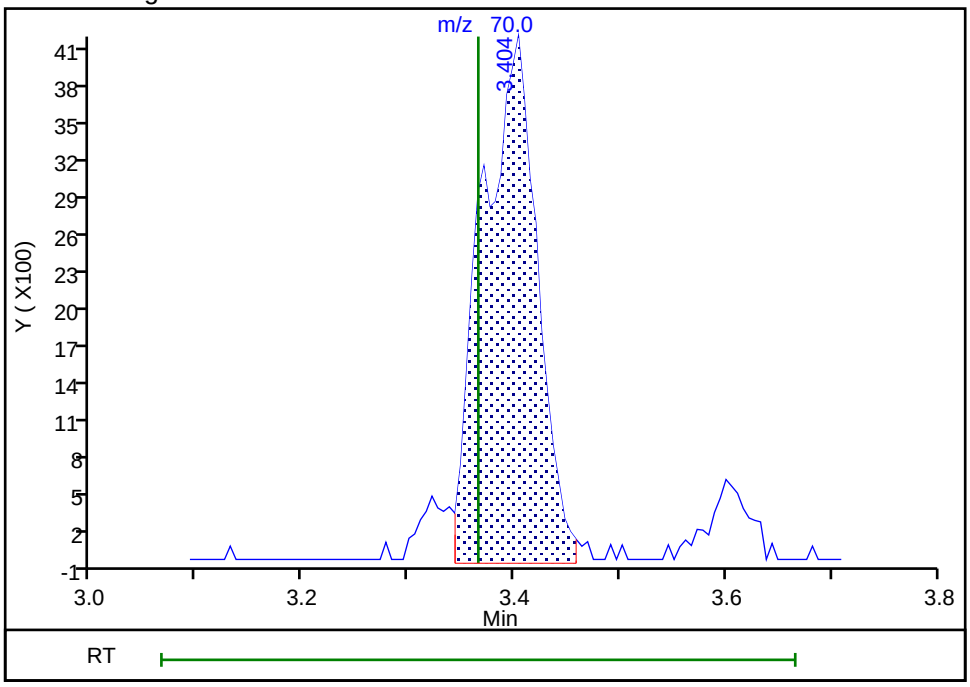
Processing Integration Results

RT: 3.37
Area: 4463
Amount: 11.761539
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 15201
Amount: 40.059861
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:48:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

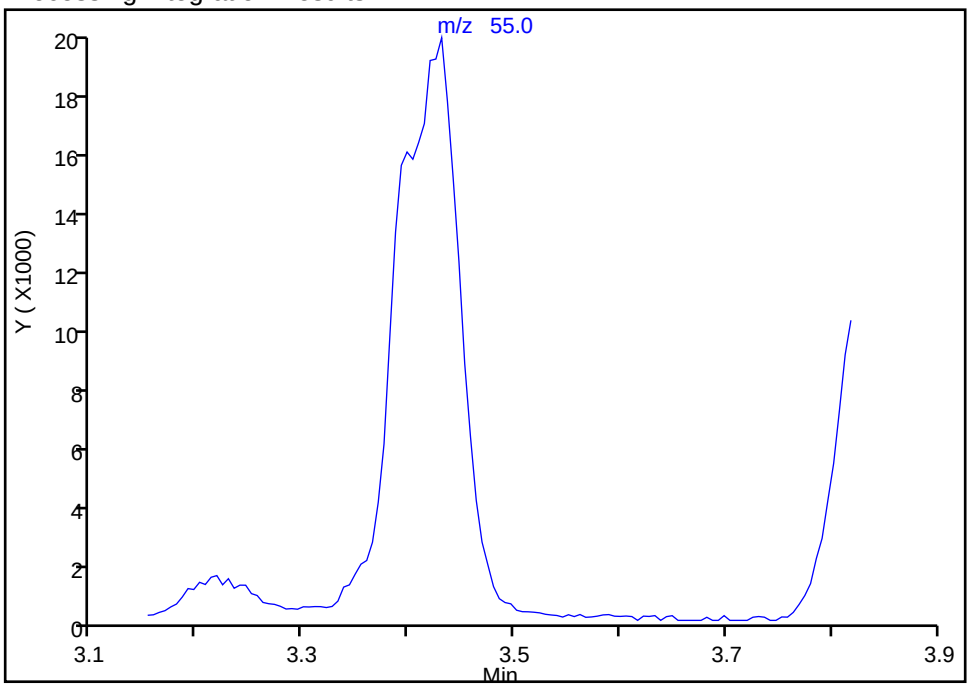
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

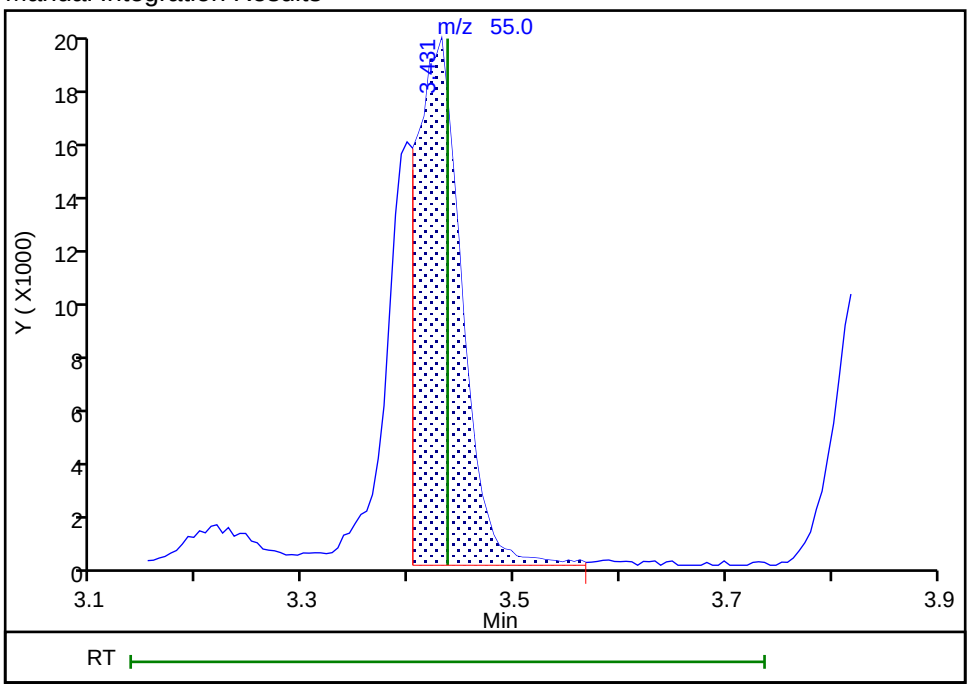
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.43
Area: 57515
Amount: 16.447766
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:49:43
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

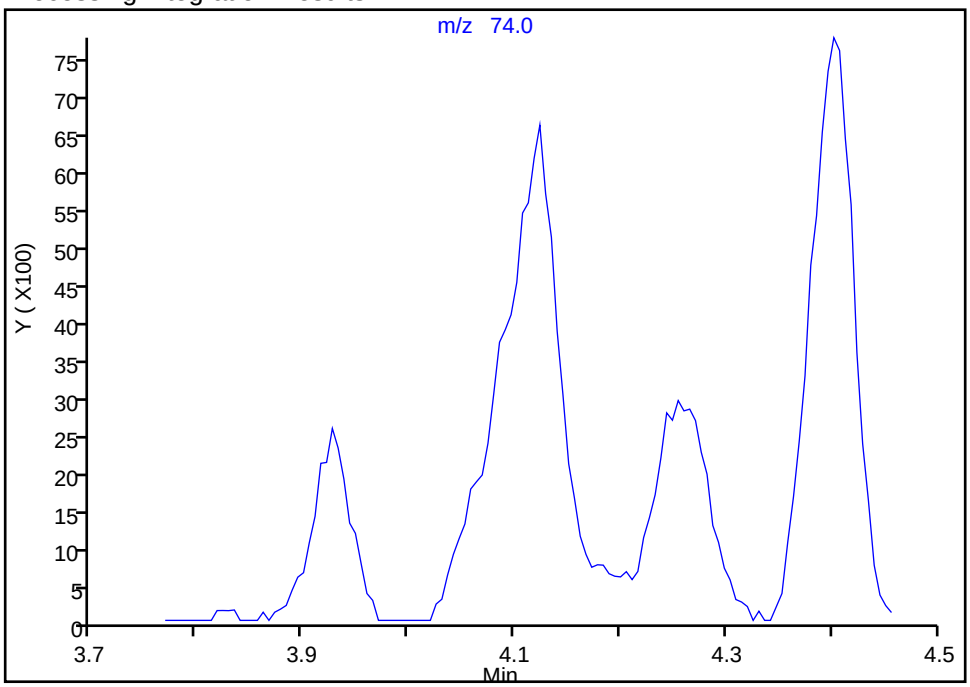
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

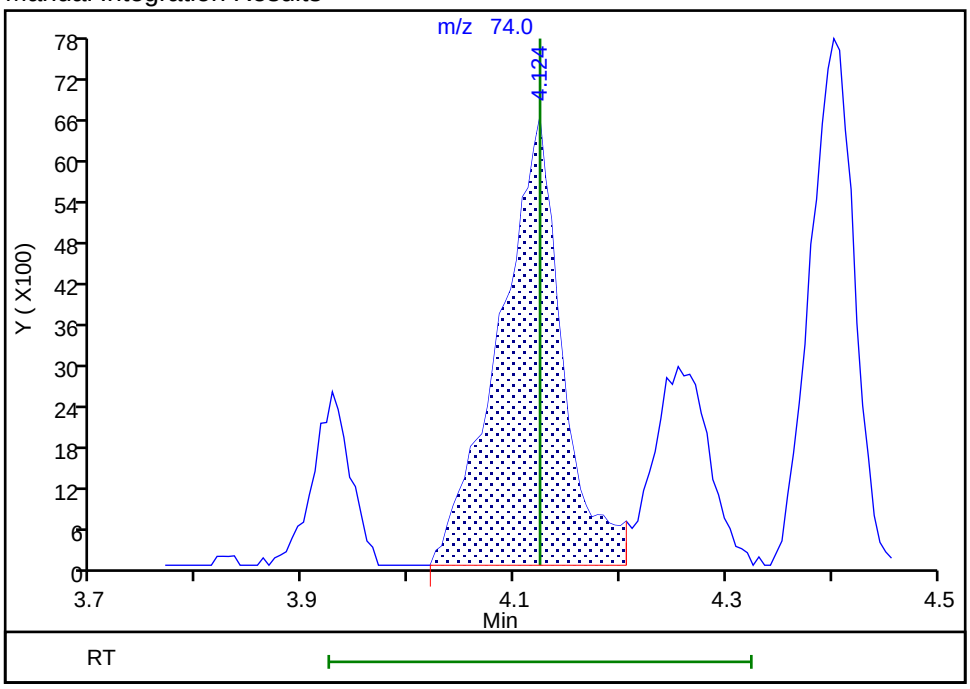
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 27312
Amount: 385.9105
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:49:54
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

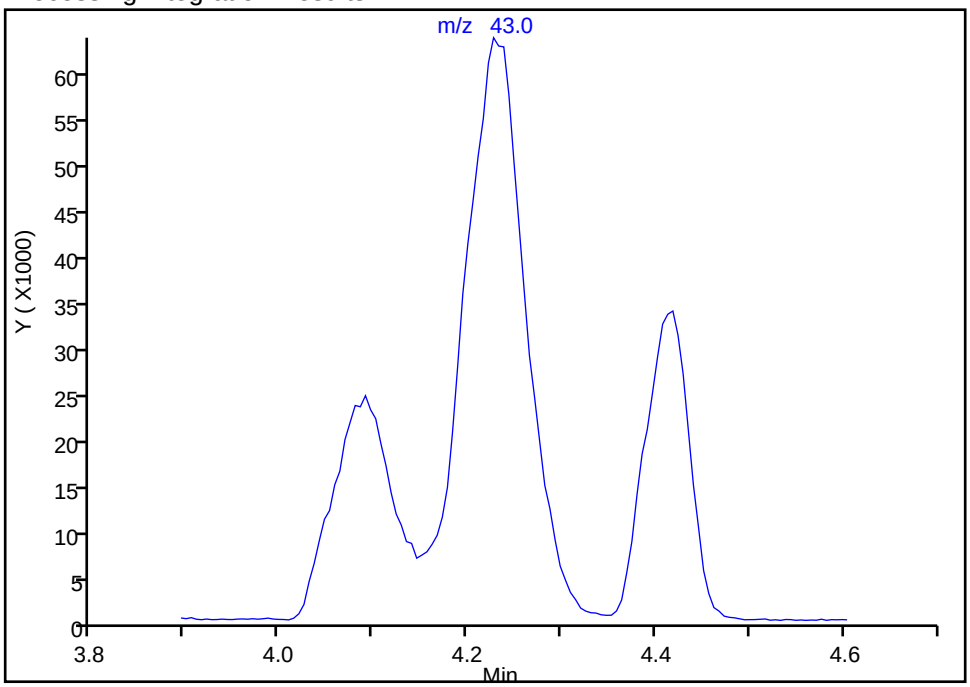
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

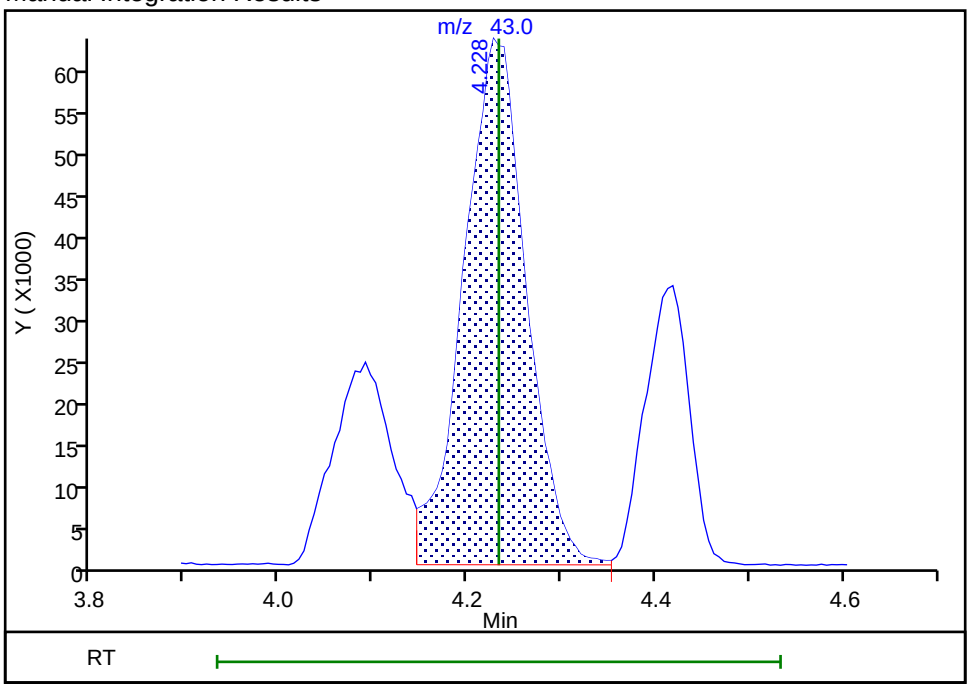
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 295754
Amount: 22.337449
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:50:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

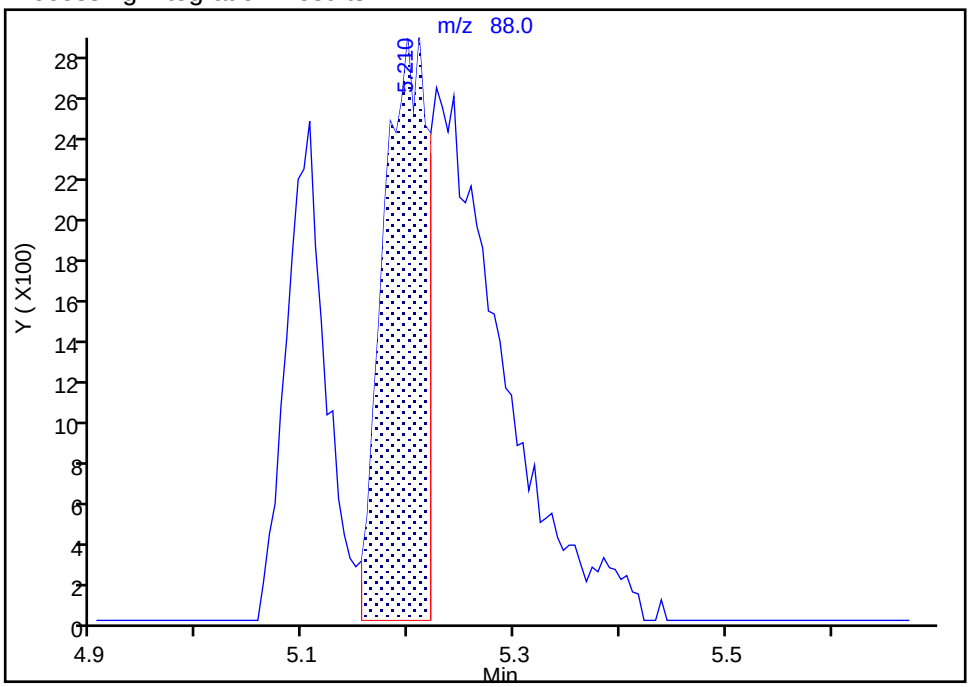
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

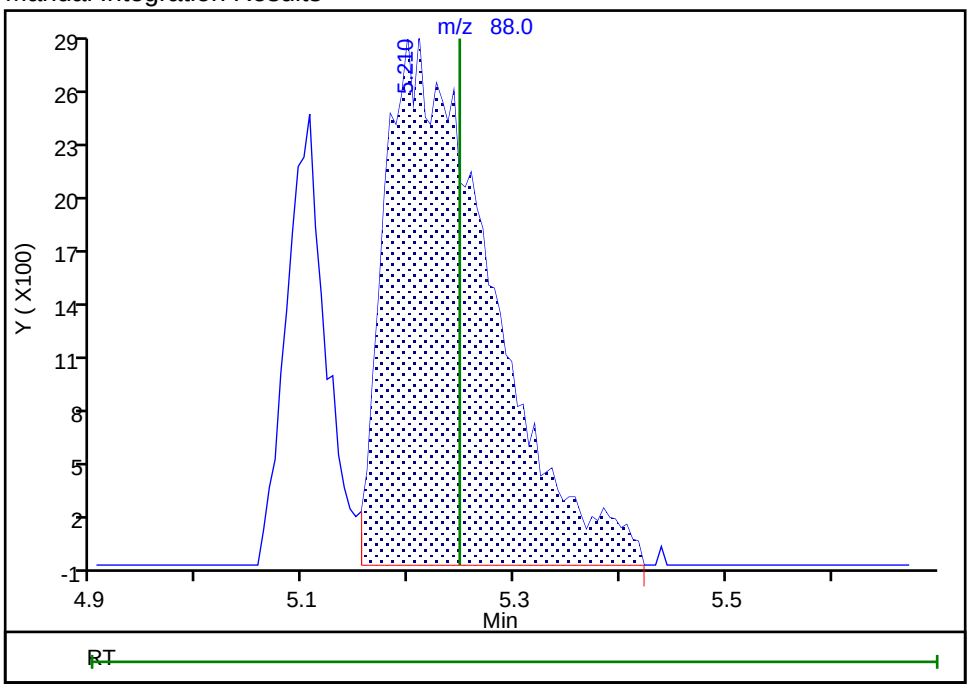
Processing Integration Results

RT: 5.21
Area: 8511
Amount: 179.3879
Amount Units: ug/l



Manual Integration Results

RT: 5.21
Area: 20224
Amount: 413.1639
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:50:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

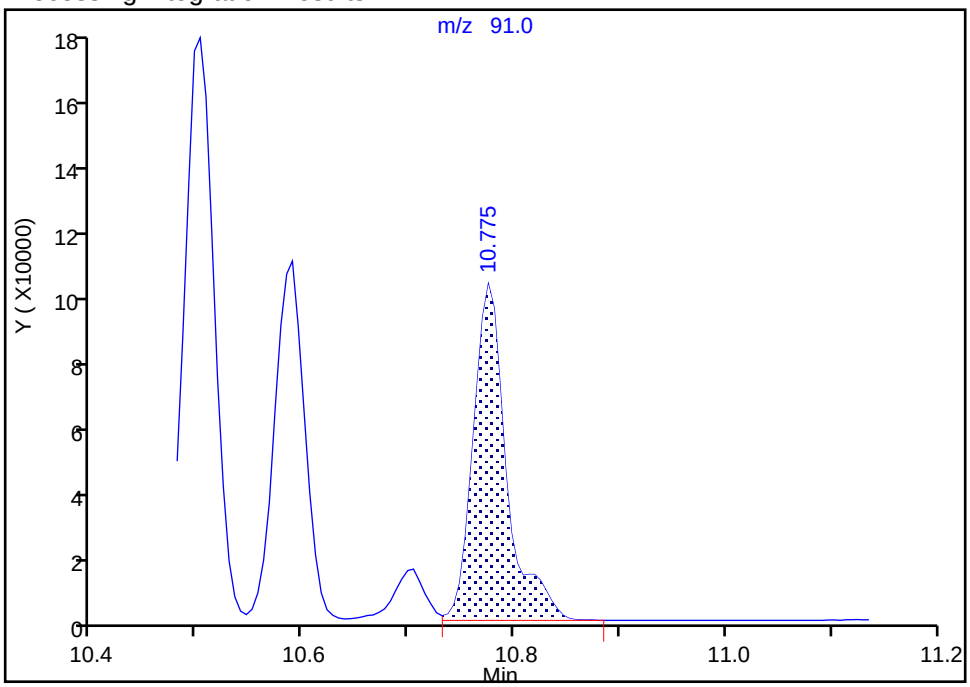
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18463.D
Injection Date: 27-Aug-2020 01:41:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C DKQP Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

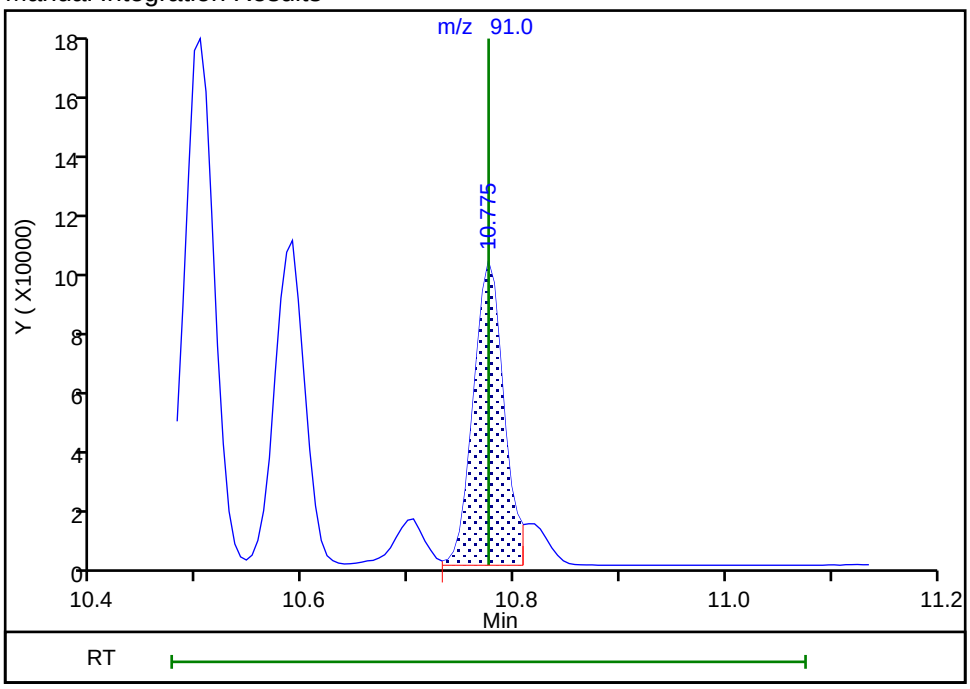
Processing Integration Results

RT: 10.78
Area: 222074
Amount: 22.706165
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 202396
Amount: 20.694170
Amount Units: ug/l



Reviewer: delpolitov, 27-Aug-2020 15:50:35
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720240/3 Calibration Date: 08/28/2020 10:20

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18522.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5060	0.5578	0.1000	22.0	20.0	10.2	20.0
Chloromethane	Ave	0.7121	0.7193	0.1000	20.2	20.0	1.0	20.0
Butadiene	Ave	0.4429	0.4614		20.8	20.0	4.2	20.0
Vinyl chloride	Ave	0.4906	0.4979	0.1000	20.3	20.0	1.5	20.0
Bromomethane	Ave	0.3372	0.3249	0.1000	19.3	20.0	-3.7	50.0
Chloroethane	Ave	0.2524	0.2544	0.1000	20.2	20.0	0.8	50.0
Dichlorofluoromethane	Ave	0.6261	0.6178		19.7	20.0	-1.3	20.0
Pentane	Ave	1.367	1.428		41.8	40.0	4.4	20.0
Trichlorofluoromethane	Ave	0.4734	0.5058	0.1000	21.4	20.0	6.8	20.0
Ethyl ether	Ave	0.2559	0.2537		19.8	20.0	-0.9	20.0
2-Methyl-1,3-butadiene	Ave	0.3032	0.3567		23.5	20.0	17.6	20.0
Ethanol	Ave	0.0662	0.0656		793	800	-0.9	50.0
Acrolein	Ave	1.254	1.128		270	300	-10.0	50.0
1,1-Dichloroethene	Ave	0.2971	0.2994	0.1000	20.2	20.0	0.8	20.0
Acetone	Ave	1.064	0.9902	0.0500	93.1	100	-6.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3016	0.3325	0.1000	22.1	20.0	10.3	20.0
Iodomethane	Ave	0.6377	0.6007		18.8	20.0	-5.8	20.0
Isopropyl alcohol	QuaF		0.9803		181	200	-9.4	50.0
Carbon disulfide	Ave	1.325	1.255	0.1000	18.9	20.0	-5.3	50.0
Allyl chloride	Ave	0.4730	0.4768		20.2	20.0	0.8	20.0
Methyl acetate	Ave	7.454	6.725	0.1000	36.1	40.0	-9.8	20.0
Acetonitrile	Ave	0.8780	0.8339		190	200	-5.0	20.0
Cyclopentene	Ave	0.8584	0.9082		21.2	20.0	5.8	20.0
Methylene Chloride	Ave	0.4479	0.3873	0.1000	17.3	20.0	-13.5	20.0
2-Methyl-2-propanol	Ave	1.478	1.335		181	200	-9.7	50.0
Acrylonitrile	Ave	0.1351	0.1337		198	200	-1.1	20.0
trans-1,2-Dichloroethene	Ave	0.3365	0.3476	0.1000	20.7	20.0	3.3	20.0
Methyl tert-butyl ether	Ave	0.9018	0.8869	0.1000	19.7	20.0	-1.6	20.0
Hexane	Ave	0.3091	0.3422		22.1	20.0	10.7	20.0
1,1-Dichloroethane	Ave	0.6582	0.6701	0.2000	20.4	20.0	1.8	20.0
Vinyl acetate	QuaF		1.428		26.1	40.0	-34.8*	20.0
Isopropyl ether	Ave	1.204	1.212		20.1	20.0	0.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3083	0.3268		21.2	20.0	6.0	20.0
Tert-butyl ethyl ether	Ave	1.074	1.168		21.7	20.0	8.7	20.0
cis-1,2-Dichloroethene	Ave	0.4011	0.4034	0.1000	20.1	20.0	0.6	20.0
2,2-Dichloropropane	Ave	0.1651	0.1643		19.9	20.0	-0.4	20.0
2-Butanone (MEK)	Ave	0.3718	0.3586	0.0500	96.4	100	-3.6	50.0
Propionitrile	Ave	1.597	1.489		186	200	-6.8	20.0
Ethyl acetate	Ave	0.3219	0.3054		38.0	40.0	-5.1	20.0
Methyl acrylate	QuaF		0.3768		22.0	20.0	9.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720240/3 Calibration Date: 08/28/2020 10:20

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18522.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methacrylonitrile	Ave	0.1347	0.1408		209	200	4.5	20.0
Chlorobromomethane	Ave	0.1920	0.1965		20.5	20.0	2.3	20.0
Tetrahydrofuran	Ave	0.4125	0.4250		41.2	40.0	3.1	20.0
Chloroform	Ave	0.6260	0.6508	0.2000	20.8	20.0	4.0	20.0
1,1,1-Trichloroethane	Ave	0.5014	0.5168	0.1000	20.6	20.0	3.1	20.0
Cyclohexane	Ave	0.5042	0.5558	0.1000	22.0	20.0	10.2	50.0
1,1-Dichloropropene	Ave	0.4624	0.4869		21.1	20.0	5.3	20.0
Carbon tetrachloride	Ave	0.4273	0.4374	0.1000	20.5	20.0	2.4	20.0
Isobutyl alcohol	QuaF		0.1265		361	500	-27.9*	20.0
Benzene	Ave	2.007	2.098	0.5000	20.9	20.0	4.5	20.0
1,2-Dichloroethane	Ave	0.4441	0.4528	0.1000	20.4	20.0	2.0	20.0
2,2,4-Trimethylpentane	Ave	1.311	1.581		24.1	20.0	20.6*	20.0
Isopropyl acetate	Ave	1.297	1.341		20.7	20.0	3.4	20.0
Tert-amyl methyl ether	Ave	0.2882	0.2977		20.7	20.0	3.3	20.0
n-Heptane	Ave	0.6301	0.3781		12.0	20.0	-40.0*	20.0
n-Butanol	QuaF		0.2901		376	500	-24.8	50.0
Trichloroethene	Ave	0.3197	0.3383	0.2000	21.2	20.0	5.8	20.0
Ethyl acrylate	Ave	0.0494	0.0416		16.9	20.0	-15.7	20.0
Methylcyclohexane	Ave	0.5949	0.6599	0.1000	22.2	20.0	10.9	50.0
1,2-Dichloropropane	Ave	0.3436	0.3449	0.1000	20.1	20.0	0.4	20.0
Dibromomethane	Ave	0.2008	0.2030		20.2	20.0	1.1	20.0
Methyl methacrylate	Ave	0.1811	0.1784		39.4	40.0	-1.5	20.0
1,4-Dioxane	Lin2		1.457		423	400	5.8	50.0
n-Propyl acetate	Ave	0.4173	0.3784		18.1	20.0	-9.3	20.0
Dichlorobromomethane	Ave	0.4197	0.4093	0.2000	19.5	20.0	-2.5	20.0
2-Nitropropane	Lin2		0.0591		32.2	40.0	-19.5	20.0
2-Chloroethyl vinyl ether	Ave	0.0547	0.0895		32.8	20.0	63.5*	20.0
Epichlorohydrin	Ave	0.2620	0.2608		398	400	-0.4	20.0
cis-1,3-Dichloropropene	Ave	0.6575	0.6383	0.2000	19.4	20.0	-2.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.897	3.151	0.0500	109	100	8.8	50.0
Toluene	Ave	1.772	1.789	0.4000	20.2	20.0	1.0	20.0
trans-1,3-Dichloropropene	Ave	0.5350	0.5112	0.1000	19.1	20.0	-4.4	50.0
Ethyl methacrylate	Ave	0.4918	0.5128		20.9	20.0	4.3	20.0
1,1,2-Trichloroethane	Ave	0.2918	0.3012	0.1000	20.6	20.0	3.2	20.0
Tetrachloroethene	Ave	0.4103	0.4353	0.2000	21.2	20.0	6.1	20.0
1,3-Dichloropropane	Ave	0.5550	0.5712		20.6	20.0	2.9	20.0
2-Hexanone	Ave	1.669	1.788	0.0500	107	100	7.1	50.0
Chlorodibromomethane	Ave	0.3974	0.3779	0.1000	19.0	20.0	-4.9	50.0
n-Butyl acetate	Ave	0.6361	0.6470		20.3	20.0	1.7	20.0
Ethylene Dibromide	Ave	0.3332	0.3409	0.1000	20.5	20.0	2.3	20.0
Chlorobenzene	Ave	1.071	1.091	0.5000	20.4	20.0	1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720240/3 Calibration Date: 08/28/2020 10:20

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18522.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.4846	0.4749		19.6	20.0	-2.0	20.0
Ethylbenzene	Ave	0.5923	0.6131	0.1000	20.7	20.0	3.5	20.0
m-Xylene & p-Xylene	Ave	0.7419	0.7631	0.1000	20.6	20.0	2.9	20.0
o-Xylene	Ave	0.7915	0.8186	0.3000	20.7	20.0	3.4	20.0
Styrene	Ave	1.148	1.196	0.3000	20.8	20.0	4.2	20.0
n-Butyl acrylate	Ave	0.3084	0.3307		21.4	20.0	7.2	20.0
Bromoform	Ave	0.2700	0.2603	0.1000	19.3	20.0	-3.6	20.0
Amyl acetate (mixed isomers)	Ave	1.375	1.367		19.9	20.0	-0.5	20.0
Isopropylbenzene	Ave	2.035	2.197	0.1000	21.6	20.0	8.0	20.0
Bromobenzene	Ave	0.8598	0.8339		19.4	20.0	-3.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9833	0.9747	0.3000	19.8	20.0	-0.9	20.0
1,2,3-Trichloropropane	Ave	0.2400	0.2402		20.0	20.0	0.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.2104		19.5	20.0	-2.6	20.0
N-Propylbenzene	Ave	4.224	4.382		20.7	20.0	3.7	20.0
2-Chlorotoluene	Ave	2.588	2.603		20.1	20.0	0.6	20.0
4-Ethyltoluene	Ave	3.313	3.526		21.3	20.0	6.4	20.0
4-Chlorotoluene	Ave	2.483	2.478		20.0	20.0	-0.2	20.0
1,3,5-Trimethylbenzene	Ave	3.189	3.180		19.9	20.0	-0.3	20.0
Butyl Methacrylate	Ave	1.012	1.032		20.4	20.0	2.1	20.0
tert-Butylbenzene	QuaF		2.385		15.3	20.0	-23.4*	20.0
1,2,4-Trimethylbenzene	Ave	3.262	3.249		19.9	20.0	-0.4	20.0
sec-Butylbenzene	Ave	4.000	4.065		20.3	20.0	1.6	20.0
1,3-Dichlorobenzene	Ave	1.601	1.624	0.6000	20.3	20.0	1.4	20.0
1,4-Dichlorobenzene	Ave	1.588	1.638	0.5000	20.6	20.0	3.1	20.0
4-Isopropyltoluene	Ave	3.376	3.462		20.5	20.0	2.5	20.0
1,2,3-Trimethylbenzene	Ave	3.387	3.496		20.6	20.0	3.2	20.0
Benzyl chloride	Ave	1.398	1.380		19.7	20.0	-1.3	50.0
Indan	Ave	3.109	3.306		21.3	20.0	6.3	20.0
1,2-Dichlorobenzene	Ave	1.743	1.798	0.4000	20.6	20.0	3.2	20.0
p-Diethylbenzene	Ave	1.698	1.903		22.4	20.0	12.1	20.0
n-Butylbenzene	Ave	1.753	1.994		22.8	20.0	13.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2293	0.2263	0.0500	19.7	20.0	-1.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.440	3.739		21.7	20.0	8.7	20.0
1,3,5-Trichlorobenzene	Ave	1.480	1.685		22.8	20.0	13.8	20.0
1,2,4-Trichlorobenzene	Ave	1.520	1.601	0.2000	21.1	20.0	5.3	20.0
Hexachlorobutadiene	Ave	0.7620	0.7659		20.1	20.0	0.5	20.0
Naphthalene	Lin2		3.982		21.1	20.0	5.6	50.0
1,2,3-Trichlorobenzene	Ave	1.637	1.683		20.6	20.0	2.9	20.0
Dibromofluoromethane (Surr)	Ave	0.3403	0.3544		52.1	50.0	4.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3506	0.3704		52.8	50.0	5.6	20.0
Toluene-d8 (Surr)	Ave	1.579	1.599		50.6	50.0	1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720240/3 Calibration Date: 08/28/2020 10:20

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18522.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.4722	0.4925		52.2	50.0	4.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Aug-2020 10:20:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0115917-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub45

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 15:54:46 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1061

First Level Reviewer: starzecm Date: 28-Aug-2020 12:13:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.145	1.145	0.000	93	119716	20.0	22.0	a
6 Chloromethane	50	1.270	1.270	0.000	99	154385	20.0	20.2	
7 Butadiene	54	1.303	1.303	0.000	98	99025	20.0	20.8	
8 Vinyl chloride	62	1.330	1.330	0.000	98	106860	20.0	20.3	
9 Bromomethane	94	1.510	1.510	0.000	99	69728	20.0	19.3	
10 Chloroethane	64	1.538	1.538	0.000	80	54605	20.0	20.2	
11 Dichlorofluoromethane	67	1.685	1.685	0.000	99	132583	20.0	19.7	
13 Pentane	72	1.729	1.729	0.000	99	23394	40.0	41.8	
12 Trichlorofluoromethane	101	1.734	1.734	0.000	63	108556	20.0	21.4	
15 Ethyl ether	59	1.860	1.860	0.000	95	54456	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	1.881	1.881	0.000	87	76549	20.0	23.5	
14 Ethanol	46	1.914	1.914	0.000	67	21513	800.0	792.9	Ma
19 Acrolein	56	1.947	1.947	0.000	96	138672	300.0	270.0	
21 1,1-Dichloroethene	96	2.029	2.029	0.000	96	64268	20.0	20.2	
22 Acetone	43	2.056	2.056	0.000	86	116117	100.0	93.1	
20 112TCTFE	101	2.061	2.061	0.000	73	71370	20.0	22.1	
23 Iodomethane	142	2.132	2.132	0.000	98	128927	20.0	18.8	
24 Isopropyl alcohol	45	2.182	2.182	0.000	32	80318	200.0	181.2	a
25 Carbon disulfide	76	2.187	2.187	0.000	99	269431	20.0	18.9	
26 3-Chloro-1-propene	39	2.258	2.258	0.000	86	102325	20.0	20.2	a
27 Methyl acetate	43	2.269	2.269	0.000	100	110195	40.0	36.1	
29 Acetonitrile	41	2.296	2.296	0.000	53	68325	200.0	190.0	M
28 Cyclopentene	67	2.323	2.323	0.000	96	194928	20.0	21.2	
31 Methylene Chloride	84	2.351	2.351	0.000	92	83118	20.0	17.3	
* 30 TBA-d9 (IS)	65	2.422	2.422	0.000	95	409661	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.471	2.471	0.000	91	109344	200.0	180.6	a
35 Acrylonitrile	53	2.520	2.520	0.000	94	286858	200.0	197.8	
34 trans-1,2-Dichloroethene	96	2.547	2.547	0.000	97	74611	20.0	20.7	
33 Methyl tert-butyl ether	73	2.563	2.563	0.000	97	190342	20.0	19.7	
36 Hexane	43	2.754	2.754	0.000	94	73448	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.864	2.864	0.000	99	143807	20.0	20.4	
39 Vinyl acetate	86	2.902	2.902	0.000	100	23398	40.0	26.1	
37 Isopropyl ether	45	2.929	2.929	0.000	86	260197	20.0	20.1	
40 2-Chloro-1,3-butadiene	88	2.935	2.935	0.000	80	70142	20.0	21.2	
41 Tert-butyl ethyl ether	59	3.229	3.229	0.000	88	250713	20.0	21.7	
* 42 2-Butanone-d5	46	3.306	3.306	0.000	93	293158	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	3.338	3.338	0.000	96	86587	20.0	20.1	
43 2,2-Dichloropropane	79	3.349	3.349	0.000	55	35270	20.0	19.9	
46 2-Butanone (MEK)	72	3.360	3.360	0.000	100	42046	100.0	96.4	
47 Methyl acrylate	55	3.442	3.442	0.000	98	80873	20.0	22.0	M
48 Propionitrile	54	3.409	3.409	0.000	98	122031	200.0	186.5	
45 Ethyl acetate	70	3.415	3.415	0.000	99	14327	40.0	38.0	M
51 Methacrylonitrile	67	3.535	3.535	0.000	94	302212	200.0	209.1	
50 Chlorobromomethane	128	3.546	3.546	0.000	93	42178	20.0	20.5	
49 Tetrahydrofuran	72	3.606	3.606	0.000	80	19937	40.0	41.2	
52 Chloroform	83	3.617	3.617	0.000	99	139682	20.0	20.8	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	96	190148	50.0	52.1	
54 1,1,1-Trichloroethane	97	3.797	3.797	0.000	99	110926	20.0	20.6	
53 Cyclohexane	84	3.846	3.846	0.000	93	119293	20.0	22.0	
58 Isobutyl alcohol	74	4.129	4.129	0.000	96	25903	500.0	360.6	a
57 1,1-Dichloropropene	75	3.938	3.938	0.000	97	104499	20.0	21.1	
56 Carbon tetrachloride	117	3.949	3.949	0.000	99	93874	20.0	20.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.075	0.000	0	198722	50.0	52.8	
60 Benzene	78	4.135	4.135	0.000	95	303690	20.0	20.9	
64 1,2-Dichloroethane	62	4.151	4.151	0.000	96	97185	20.0	20.4	
59 Isooctane	57	4.222	4.222	0.000	96	339240	20.0	24.1	
62 Isopropyl acetate	43	4.239	4.239	0.000	95	287886	20.0	20.7	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	91	63889	20.0	20.7	a
* 66 Fluorobenzene	96	4.413	4.413	0.000	98	536552	50.0	50.0	
65 n-Heptane	57	4.419	4.419	0.000	95	81155	20.0	12.0	
68 n-Butanol	56	4.790	4.790	0.000	88	59431	500.0	376.1	M
69 Trichloroethene	95	4.795	4.795	0.000	98	72603	20.0	21.2	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	8931	20.0	16.9	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	141634	20.0	22.2	
72 1,2-Dichloropropane	63	5.035	5.035	0.000	93	74029	20.0	20.1	
77 Dibromomethane	93	5.161	5.161	0.000	97	43564	20.0	20.2	
* 73 1,4-Dioxane-d8	96	5.183	5.183	0.000	97	36266	1000.0	1000.0	
74 Methyl methacrylate	69	5.188	5.188	0.000	93	76583	40.0	39.4	
75 1,4-Dioxane	88	5.232	5.232	0.000	65	21133	400.0	423.0	a
76 n-Propyl acetate	43	5.270	5.270	0.000	99	81213	20.0	18.1	
78 Dichlorobromomethane	83	5.357	5.357	0.000	99	87844	20.0	19.5	
79 2-Nitropropane	41	5.619	5.619	0.000	99	25389	40.0	32.2	
67 2-Chloroethyl vinyl ether	63	5.728	5.728	0.000	96	19252	20.0	32.8	
80 Epichlorohydrin	57	5.783	5.783	0.000	100	122343	400.0	398.3	
81 cis-1,3-Dichloropropene	75	5.886	5.886	0.000	94	92416	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	97	369496	100.0	108.8	
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	100	578863	50.0	50.6	
84 Toluene	91	6.307	6.307	0.000	93	259071	20.0	20.2	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	74015	20.0	19.1	
86 Ethyl methacrylate	69	6.787	6.787	0.000	90	74248	20.0	20.9	
87 1,1,2-Trichloroethane	83	6.847	6.847	0.000	96	43614	20.0	20.6	
88 Tetrachloroethene	166	7.021	7.021	0.000	98	63029	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.065	7.065	0.000	95	82703	20.0	20.6	
90 2-Hexanone	43	7.234	7.234	0.000	98	209646	100.0	107.1	
92 Chlorodibromomethane	129	7.371	7.371	0.000	99	54708	20.0	19.0	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	93668	20.0	20.3	
93 Ethylene Dibromide	107	7.501	7.501	0.000	98	49358	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.194	8.194	0.000	86	361947	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	95	158001	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.385	8.385	0.000	95	68753	20.0	19.6	
96 Ethylbenzene	106	8.435	8.435	0.000	99	88766	20.0	20.7	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	110475	20.0	20.6	
100 o-Xylene	106	9.220	9.220	0.000	93	118511	20.0	20.7	
101 Styrene	104	9.248	9.248	0.000	95	173215	20.0	20.8	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	47874	20.0	21.4	
103 Bromoform	173	9.488	9.488	0.000	97	37691	20.0	19.3	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	90	116185	20.0	19.9	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	318120	20.0	21.6	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	178261	50.0	52.2	
106 Bromobenzene	156	10.241	10.241	0.000	98	70857	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	82818	20.0	19.8	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	20406	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	89	17876	20.0	19.5	
108 N-Propylbenzene	91	10.502	10.502	0.000	99	372330	20.0	20.7	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	221165	20.0	20.1	
112 4-Ethyltoluene	105	10.704	10.704	0.000	99	299573	20.0	21.3	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	210583	20.0	20.0	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	270156	20.0	19.9	
115 Butyl Methacrylate	87	11.086	11.086	0.000	92	87723	20.0	20.4	
116 tert-Butylbenzene	119	11.326	11.326	0.000	93	202641	20.0	15.3	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	276075	20.0	19.9	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	345385	20.0	20.3	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	137966	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.823	0.000	95	212416	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	92	139194	20.0	20.6	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	294124	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	11.948	11.948	0.000	99	297007	20.0	20.6	
124 Benzyl chloride	91	12.041	12.041	0.000	98	117286	20.0	19.7	
125 2,3-Dihydroindene	117	12.167	12.167	0.000	95	280895	20.0	21.3	
128 1,2-Dichlorobenzene	146	12.292	12.292	0.000	96	152744	20.0	20.6	
126 p-Diethylbenzene	119	12.325	12.325	0.000	91	161722	20.0	22.4	a
127 n-Butylbenzene	92	12.347	12.347	0.000	99	169426	20.0	22.8	
130 1,2-Dibromo-3-Chloropropane	157	13.154	13.154	0.000	94	19227	20.0	19.7	
129 1,2,4,5-Tetramethylbenzene	119	13.160	13.160	0.000	98	317684	20.0	21.7	
131 1,3,5-Trichlorobenzene	180	13.373	13.373	0.000	98	143133	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	13.951	13.951	0.000	94	136032	20.0	21.1	
133 Hexachlorobutadiene	225	14.131	14.131	0.000	96	65077	20.0	20.1	
134 Naphthalene	128	14.164	14.164	0.000	99	338365	20.0	21.1	a
135 1,2,3-Trichlorobenzene	180	14.377	14.377	0.000	96	143037	20.0	20.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	41.3	
S 139 Total BTEX	1				0		100.0	103.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Aug-2020 15:54:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D

Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9 Operator ID:

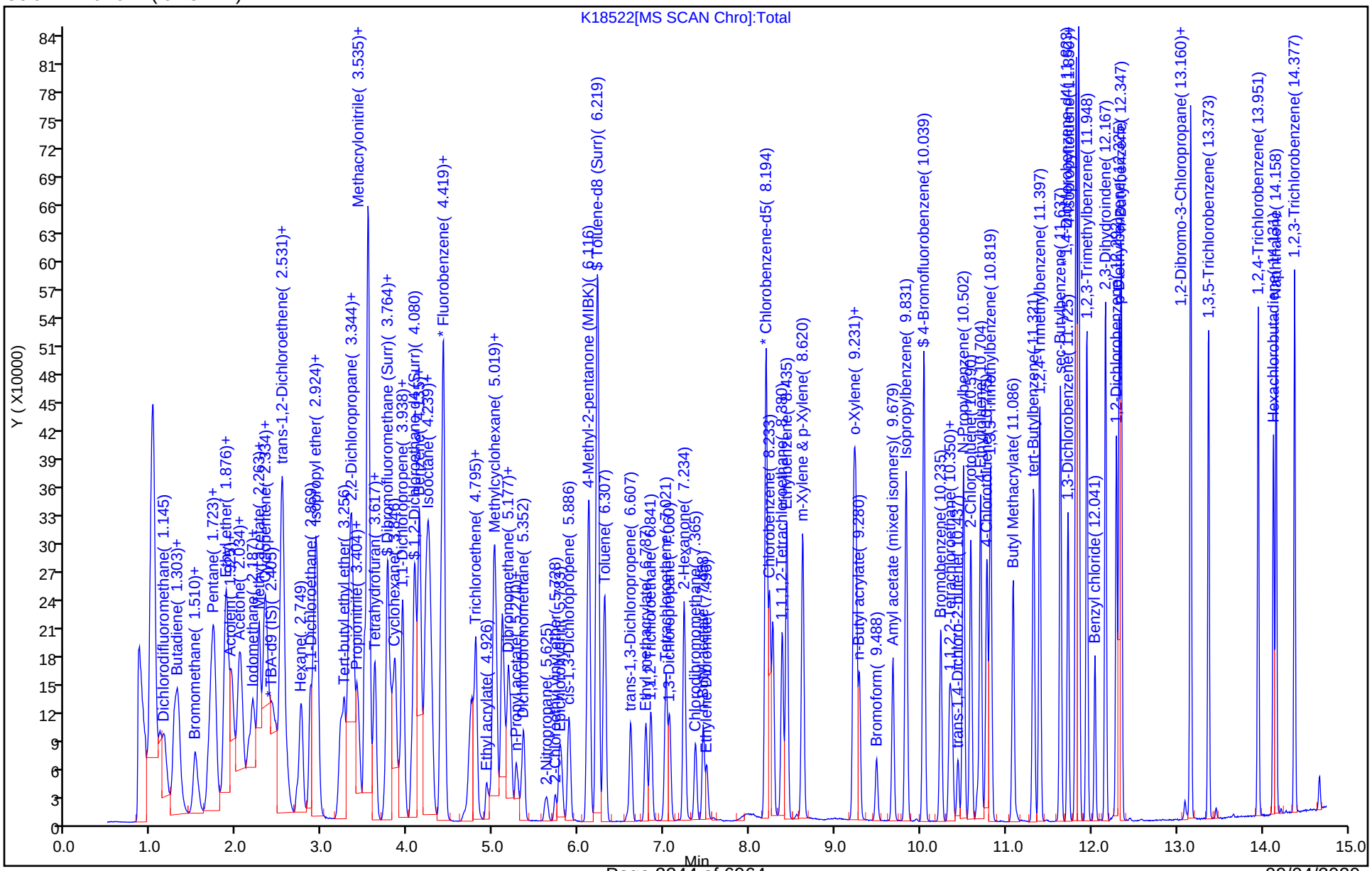
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

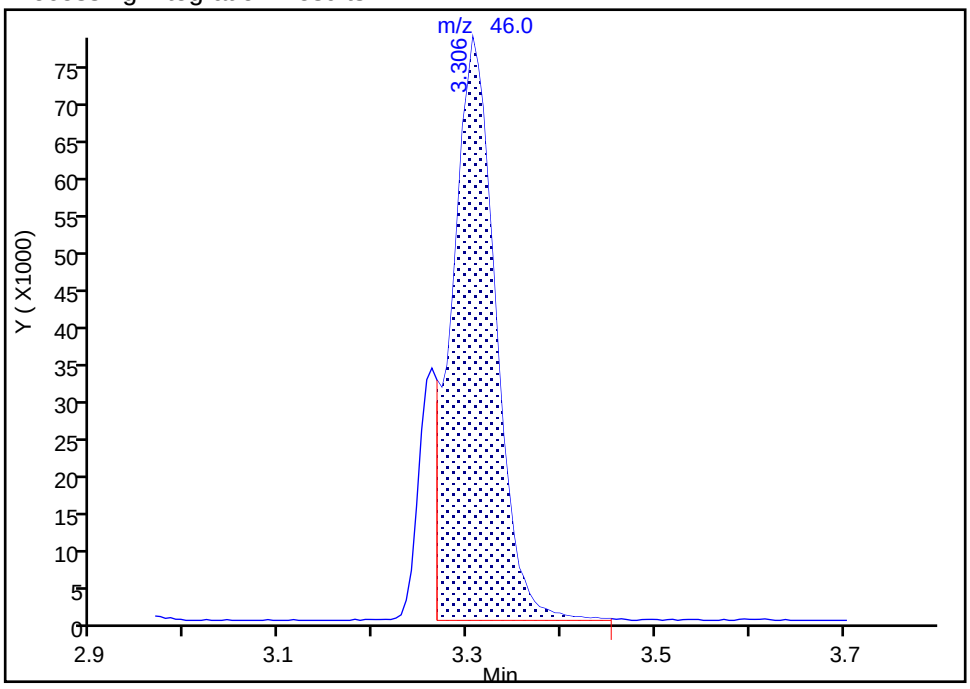
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

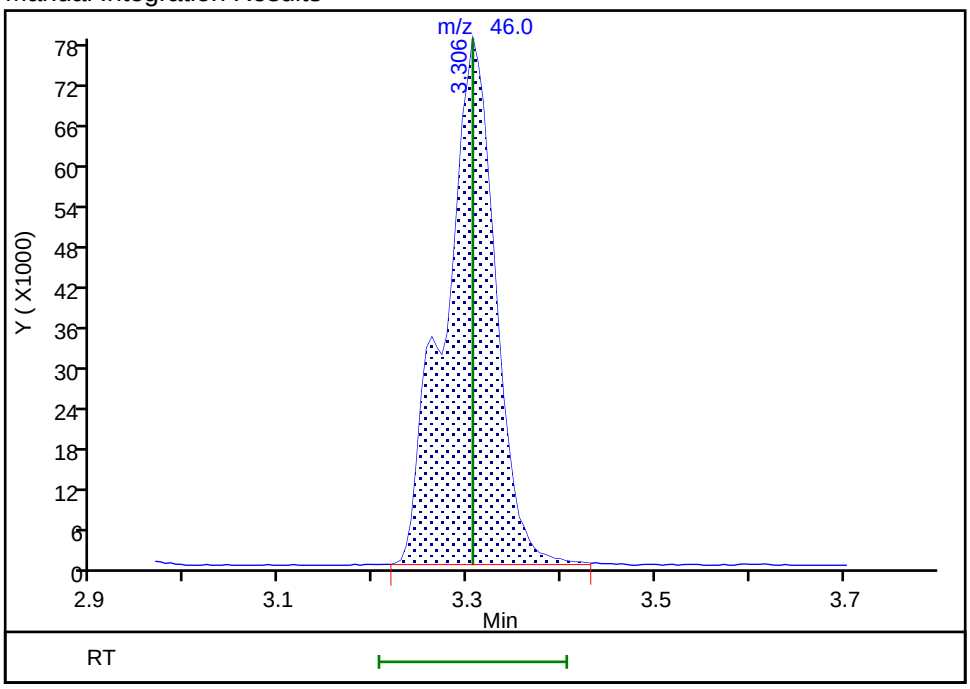
Processing Integration Results

RT: 3.31
Area: 256174
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 293158
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:52:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

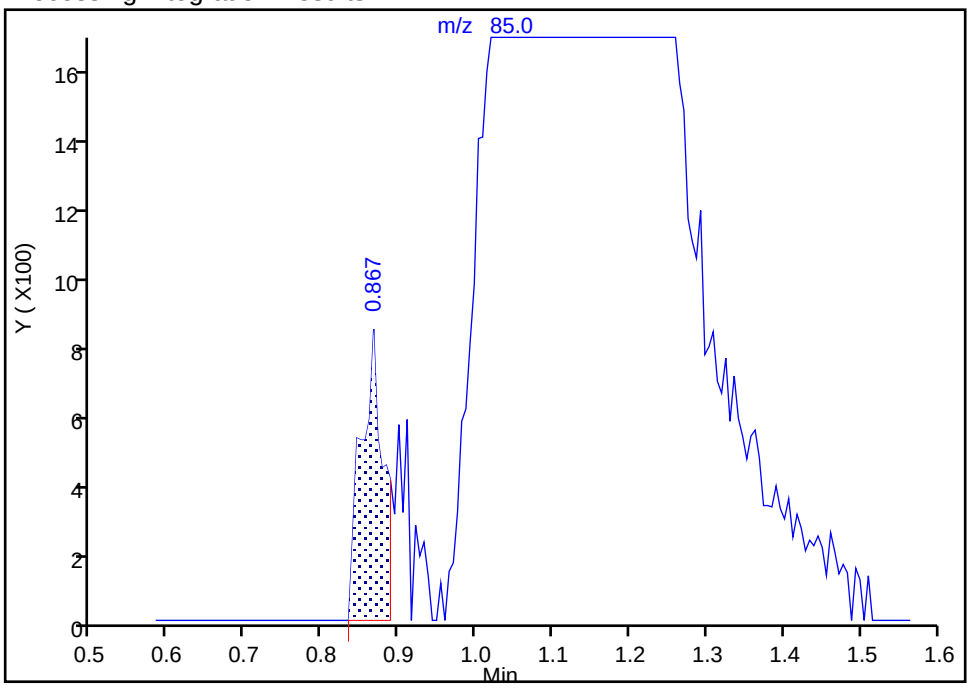
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

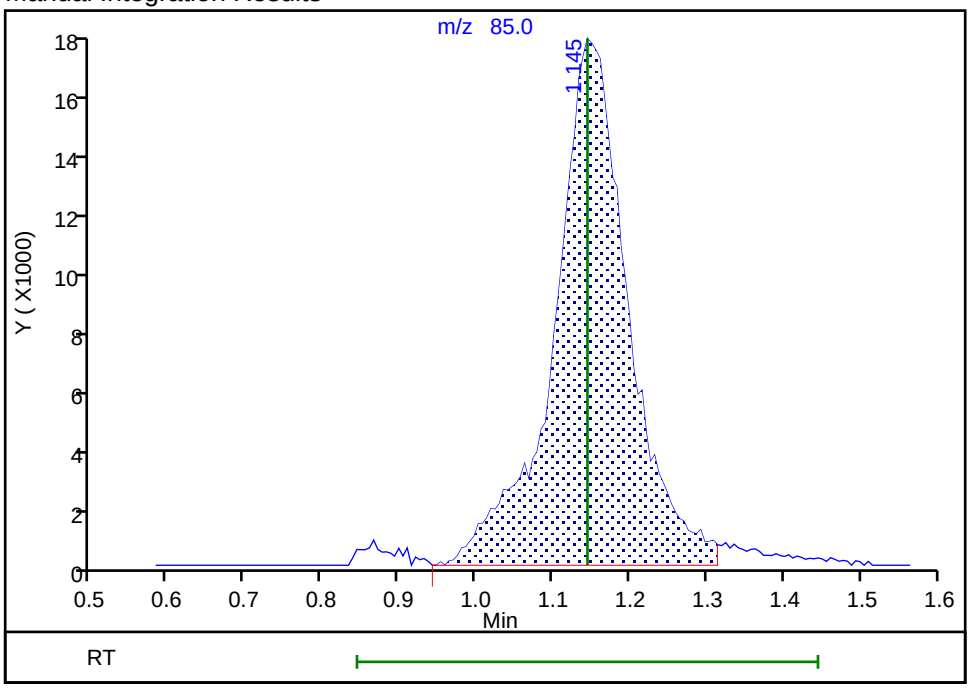
Processing Integration Results

RT: 0.87
Area: 1674
Amount: 0.308299
Amount Units: ug/l



Manual Integration Results

RT: 1.14
Area: 119716
Amount: 22.048005
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:47:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

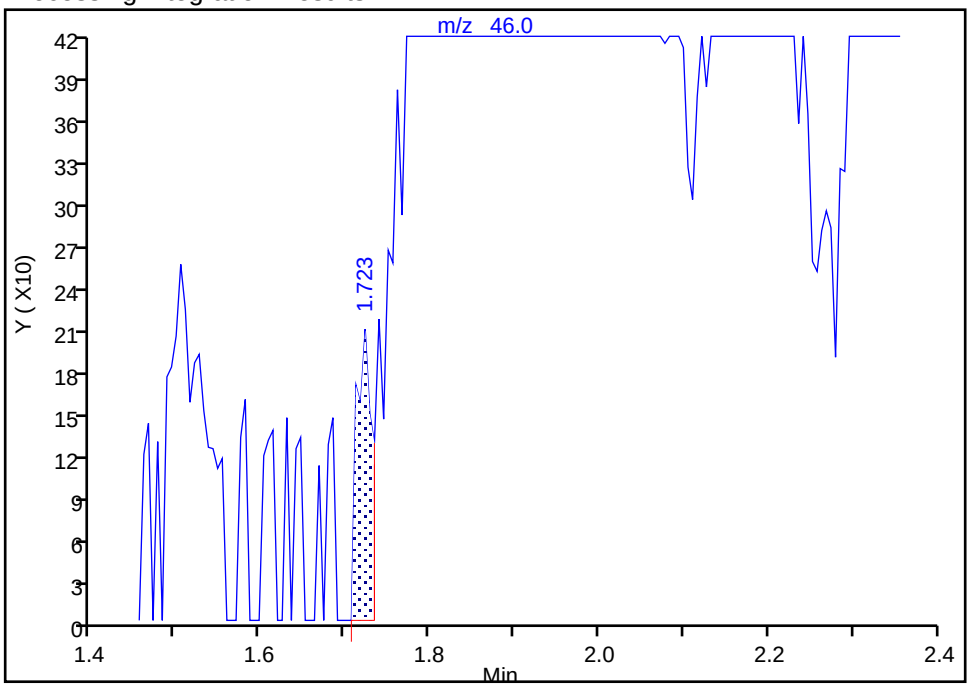
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

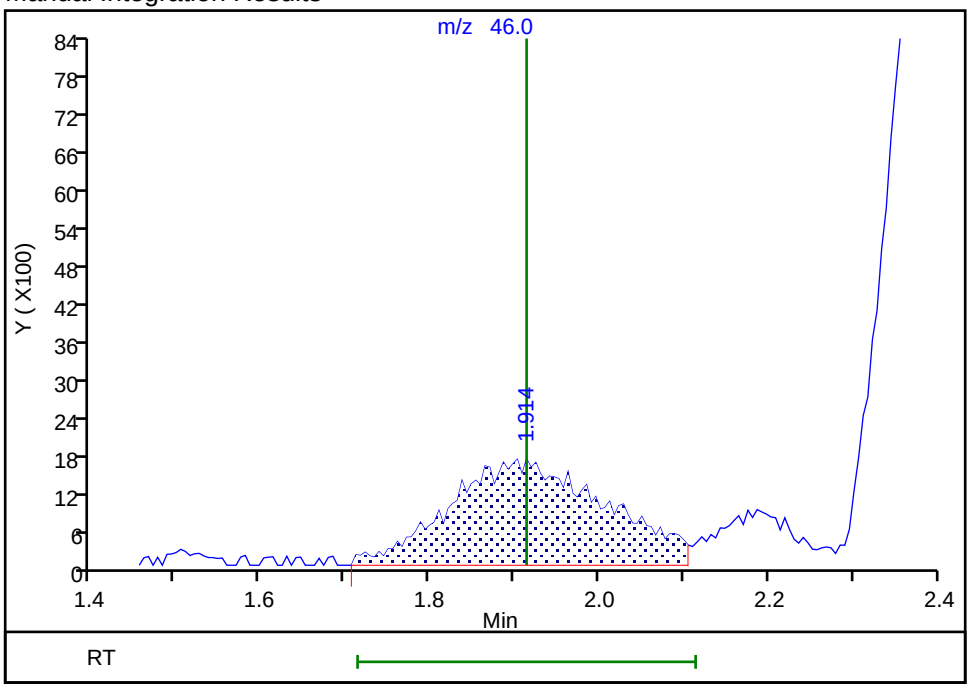
Processing Integration Results

RT: 1.72
Area: 262
Amount: 9.656143
Amount Units: ug/l



Manual Integration Results

RT: 1.91
Area: 21513
Amount: 792.8726
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:53:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

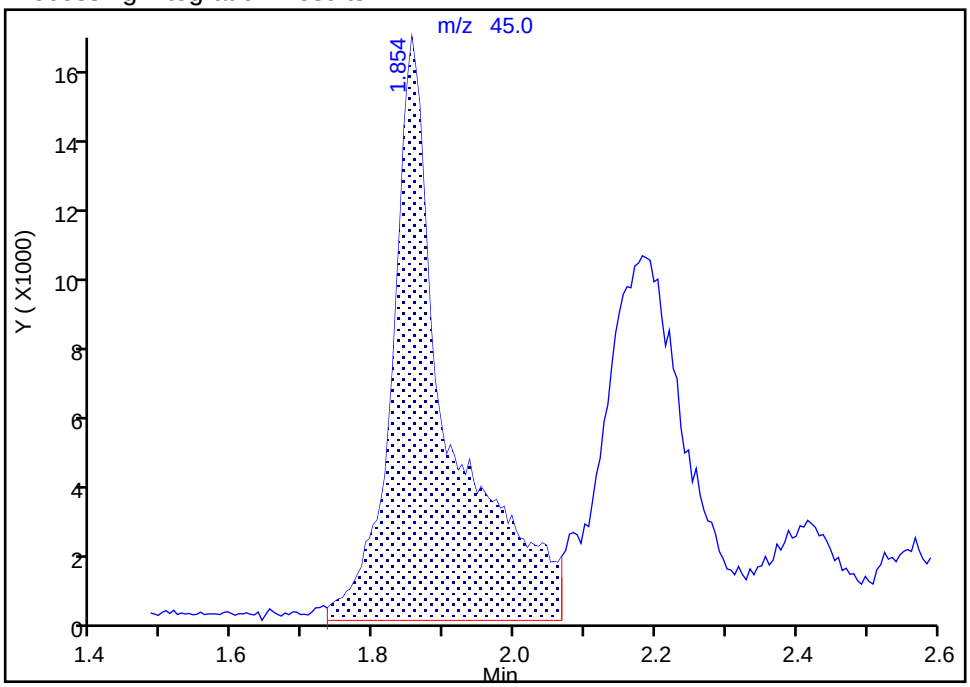
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

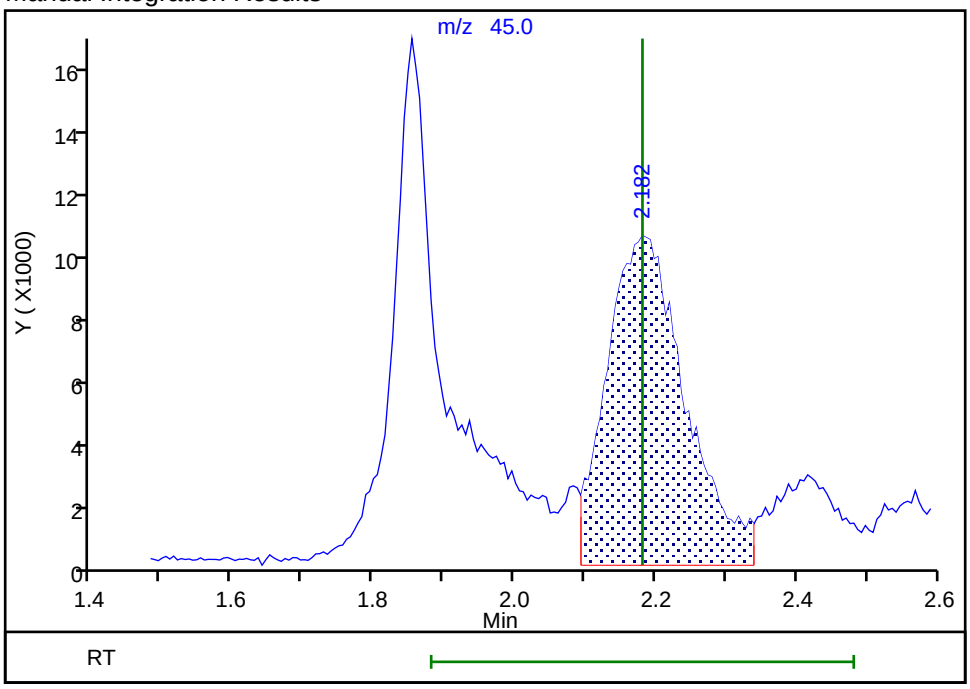
Processing Integration Results

RT: 1.85
Area: 91955
Amount: 207.3718
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 80318
Amount: 181.2249
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:47:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

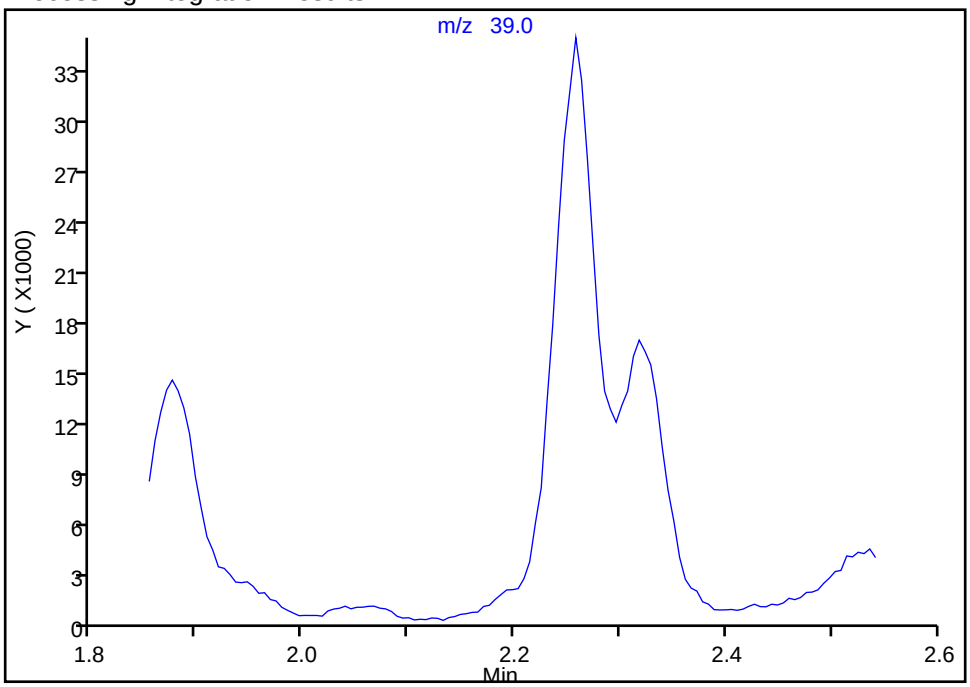
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

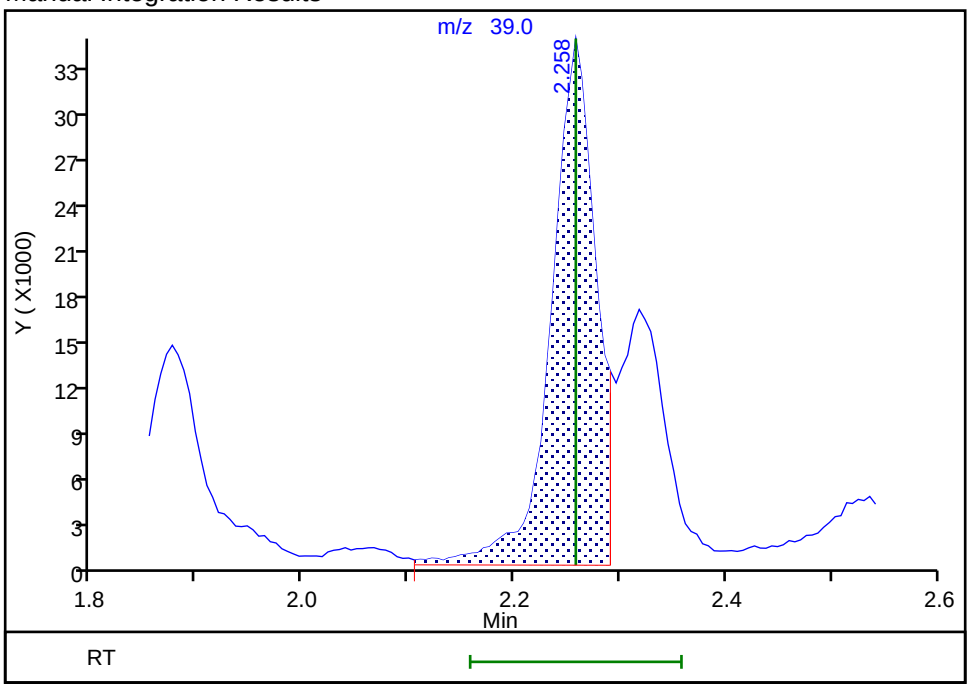
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 102325
Amount: 20.160414
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:47:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

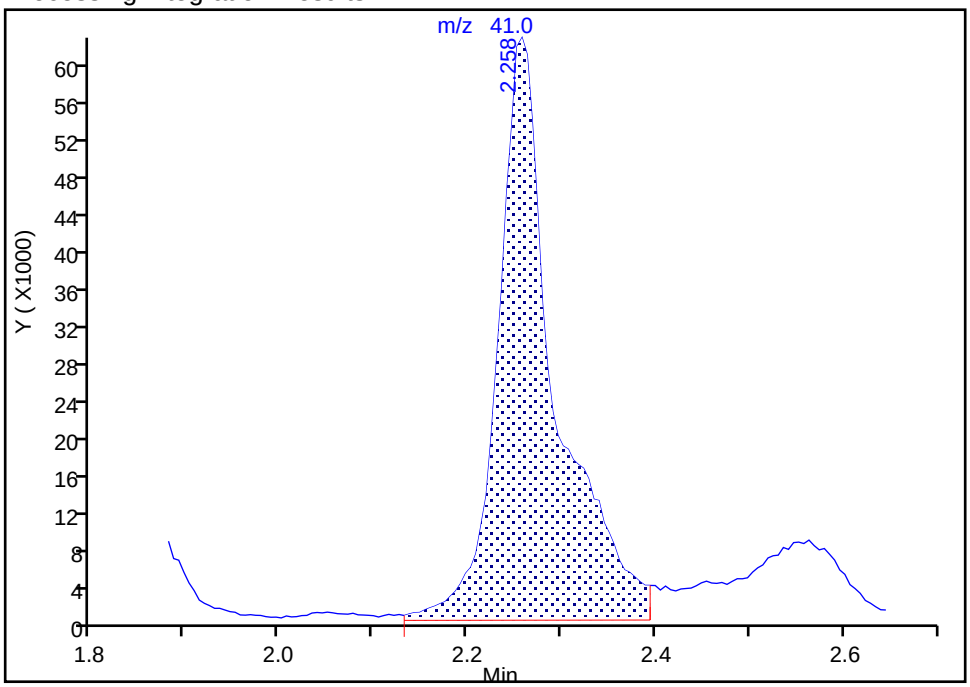
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

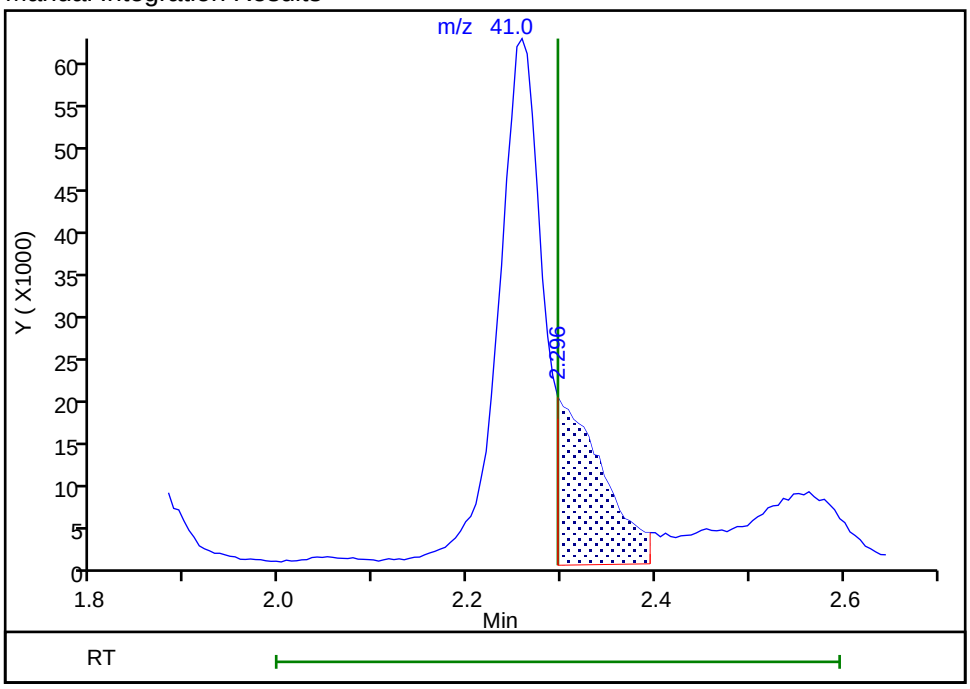
Processing Integration Results

RT: 2.26
Area: 265974
Amount: 739.5020
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 68325
Amount: 189.9677
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:48:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

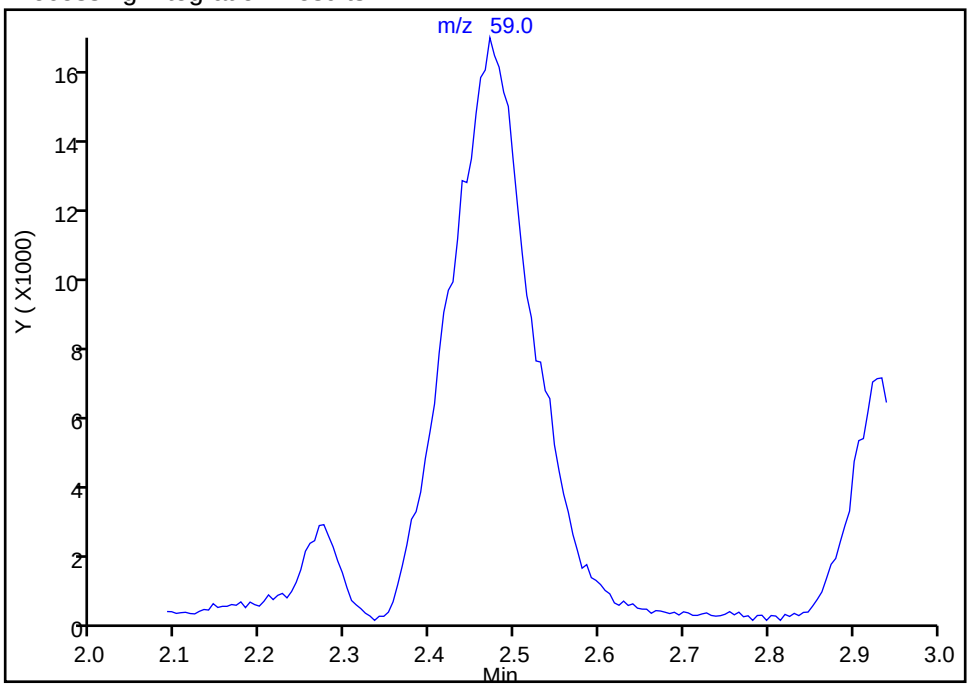
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

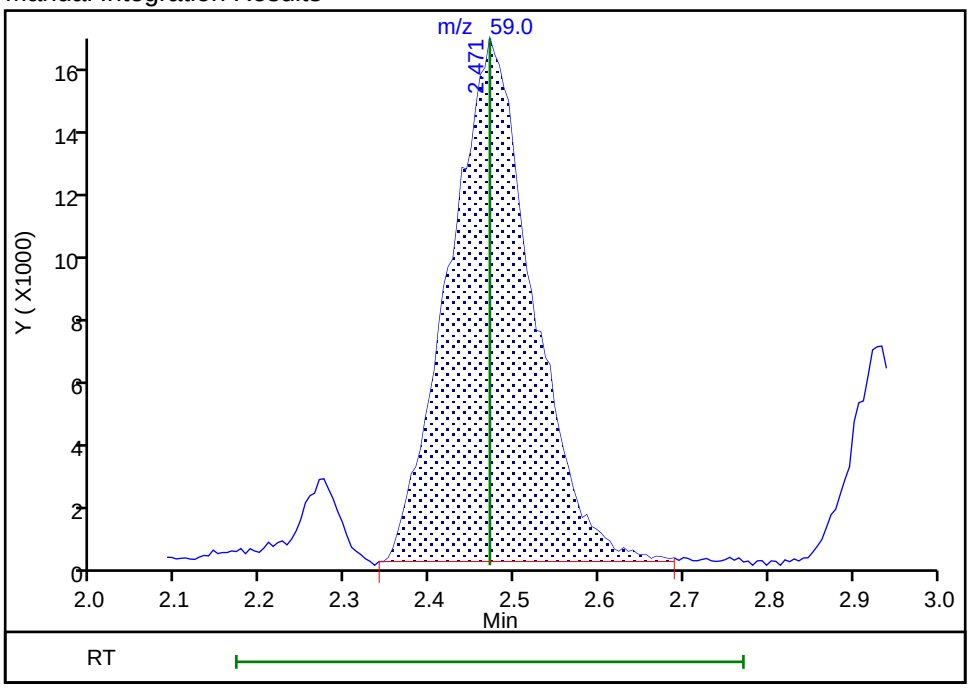
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 109344
Amount: 180.6407
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:48:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

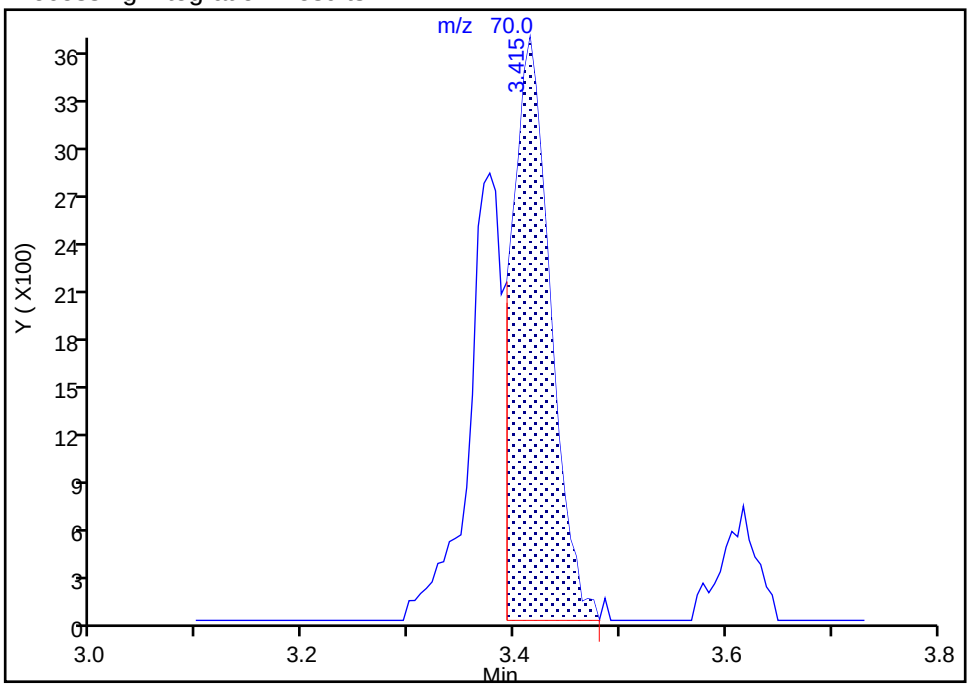
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

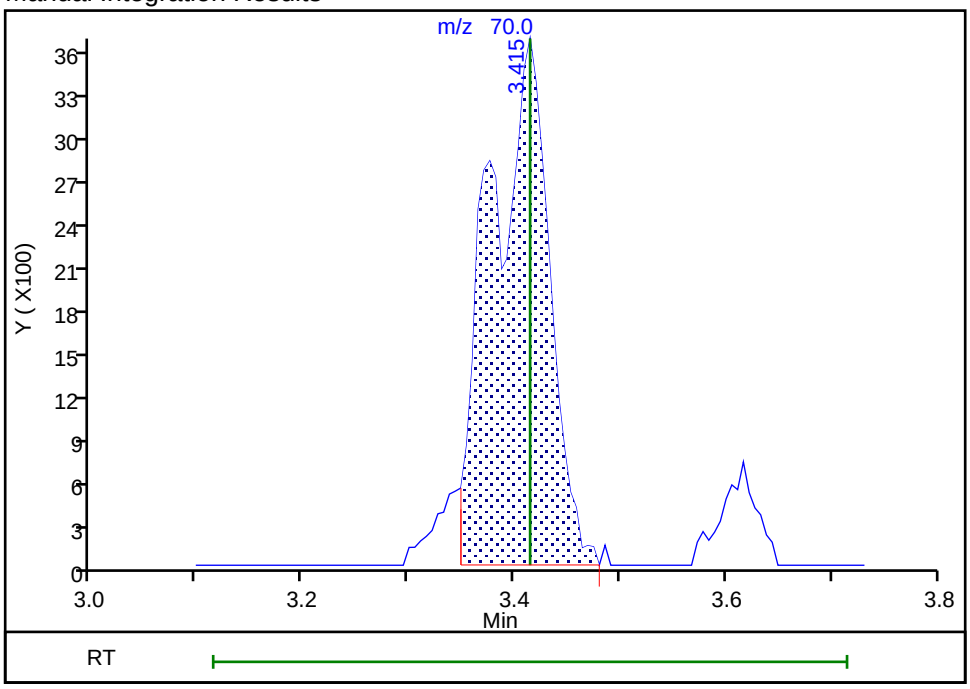
Processing Integration Results

RT: 3.41
Area: 9242
Amount: 24.487282
Amount Units: ug/l



Manual Integration Results

RT: 3.41
Area: 14327
Amount: 37.960321
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:53:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

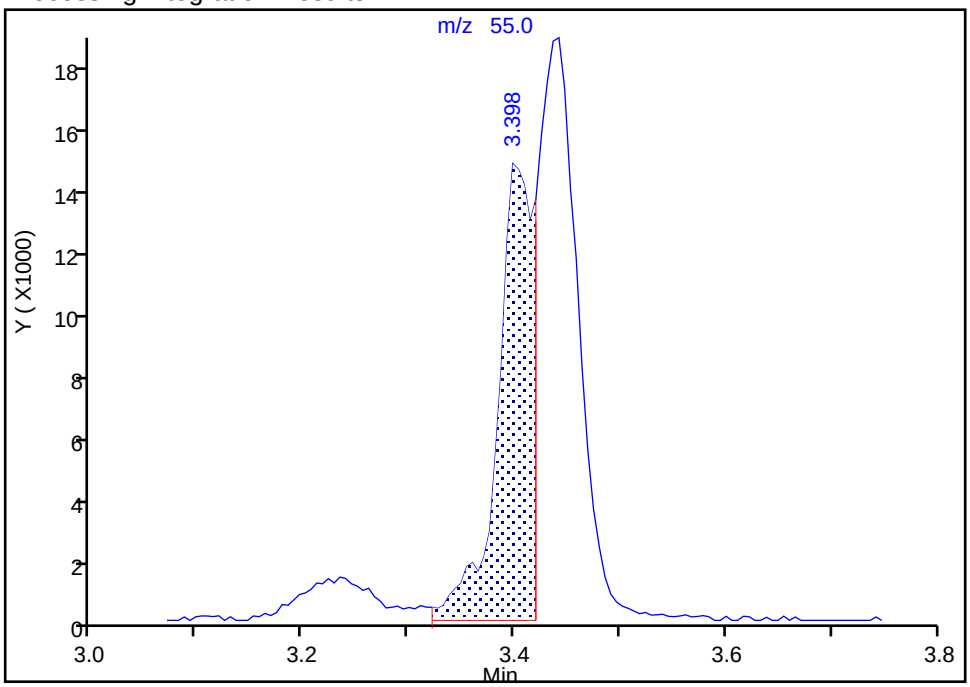
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

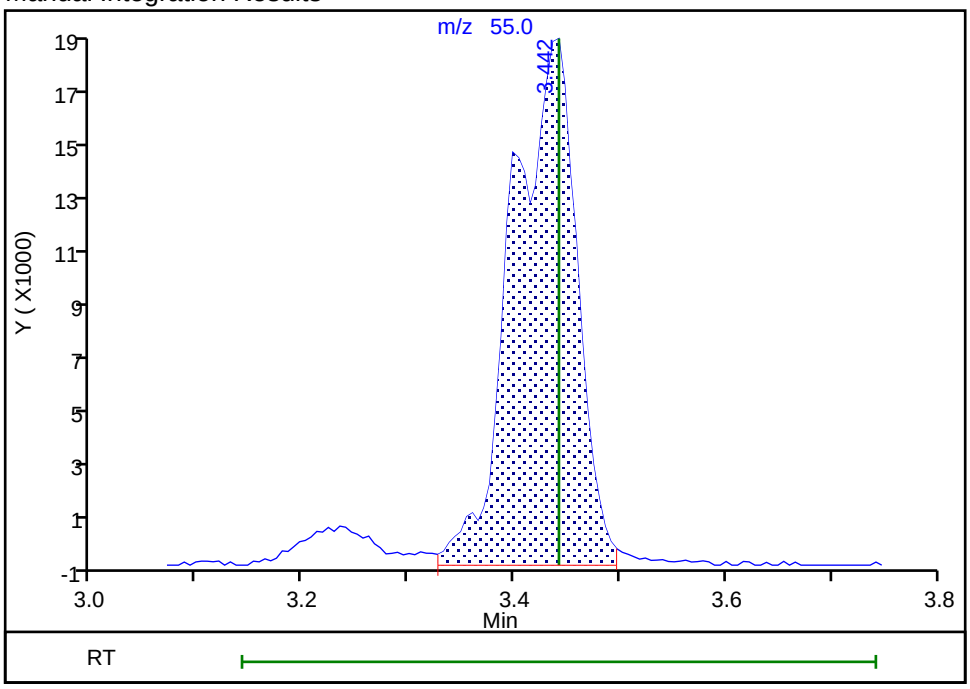
Processing Integration Results

RT: 3.40
Area: 36229
Amount: 9.857976
Amount Units: ug/l



Manual Integration Results

RT: 3.44
Area: 80873
Amount: 21.987170
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:53:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

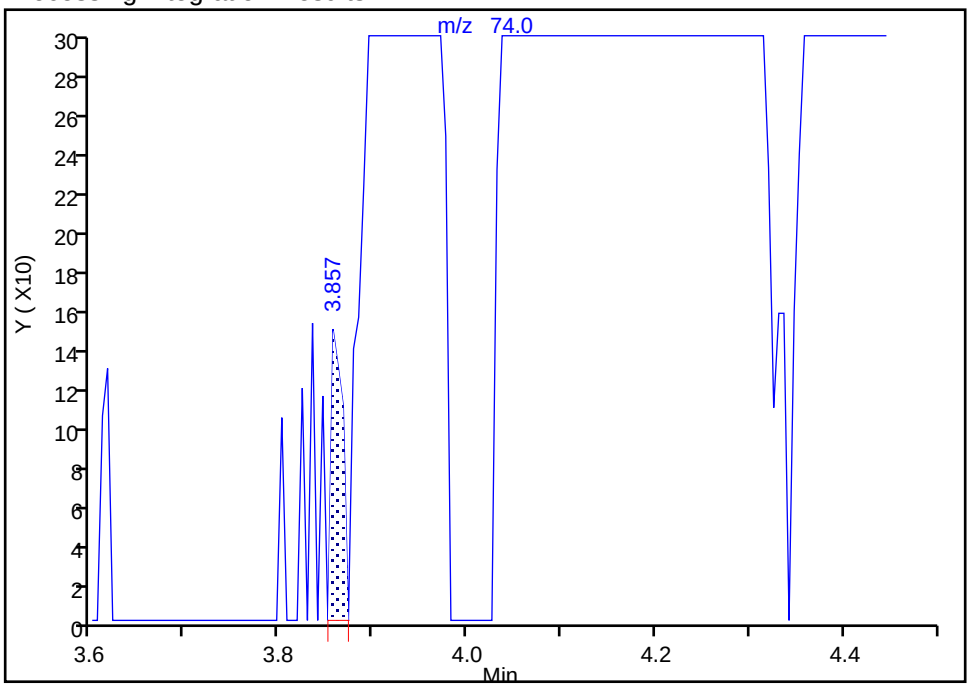
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

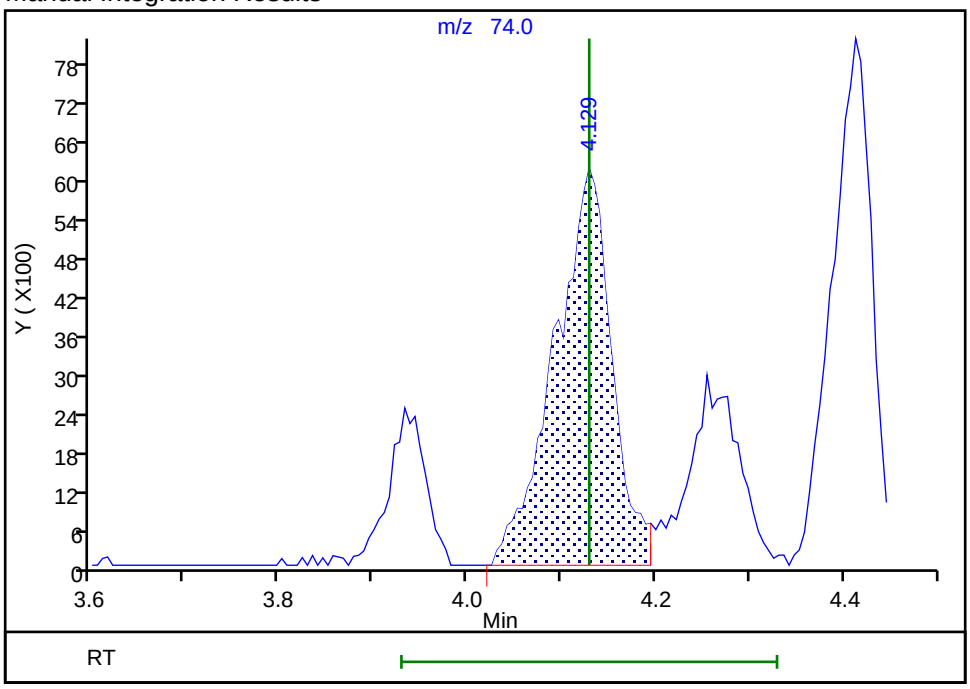
Processing Integration Results

RT: 3.86
Area: 126
Amount: 1.752333
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 25903
Amount: 360.6309
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:53:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

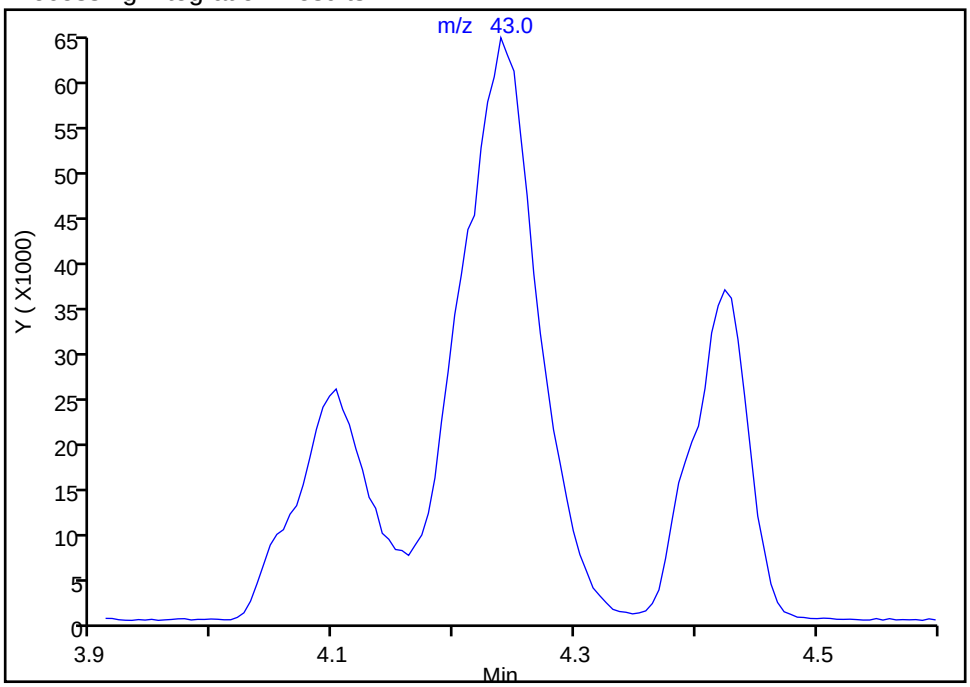
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

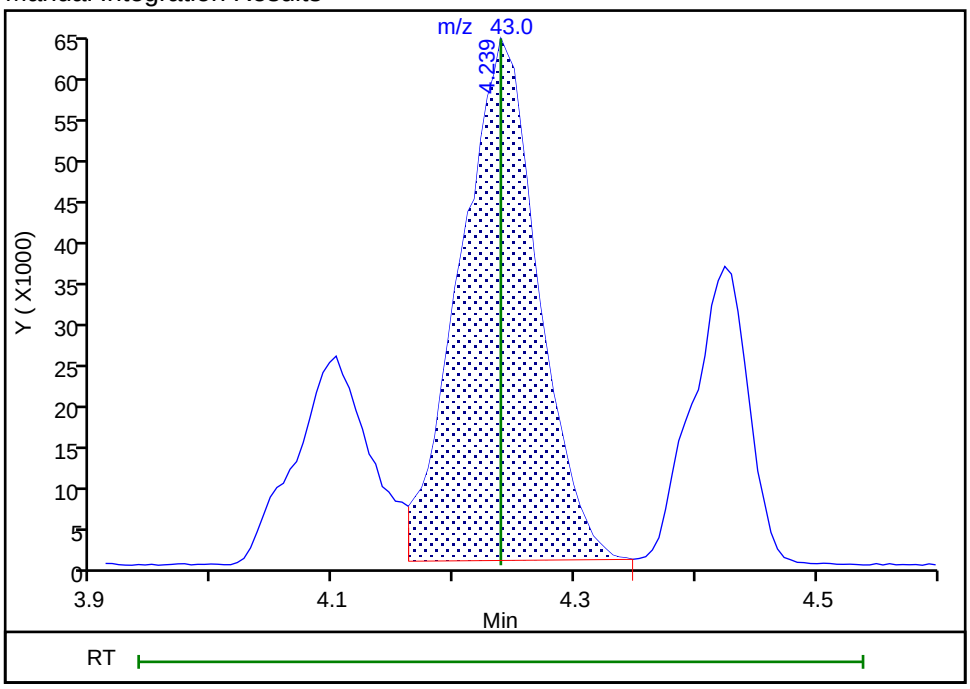
Not Detected
Expected RT: 4.24

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 287886
Amount: 20.679043
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:48:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

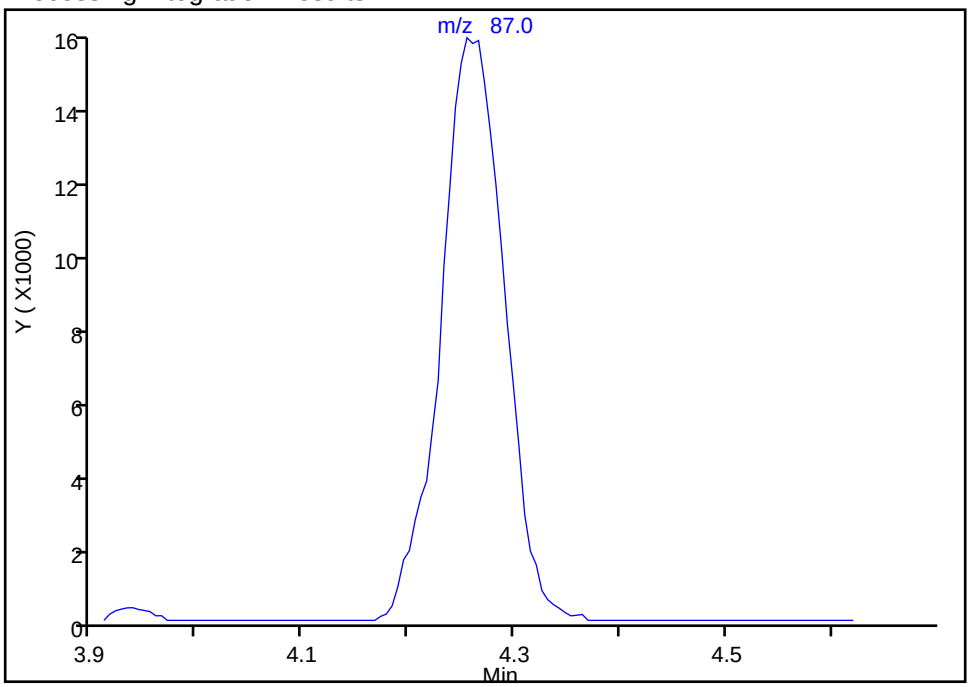
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

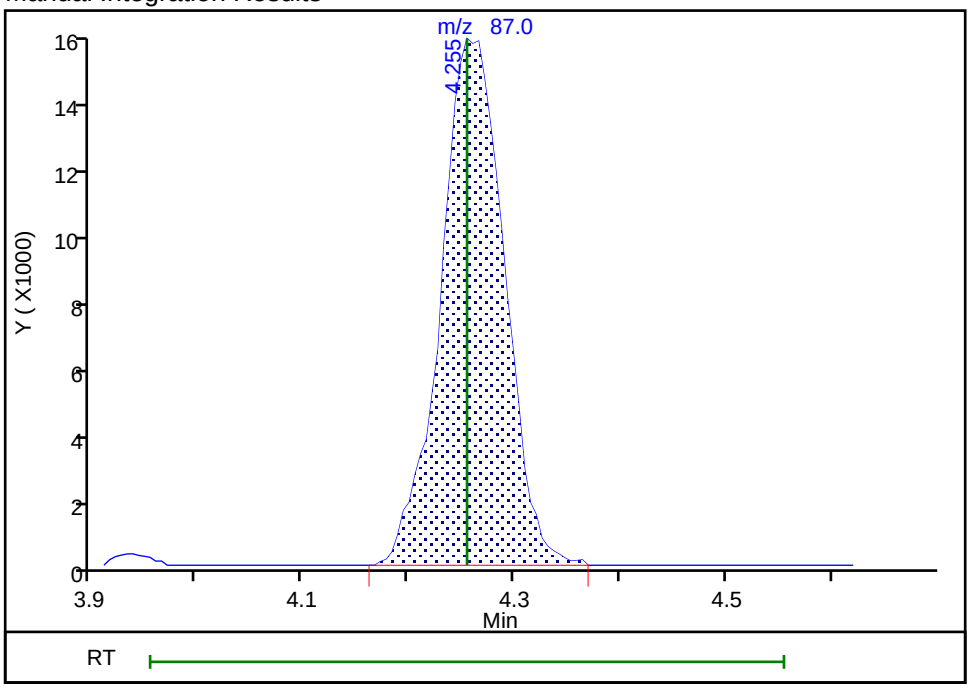
Not Detected
Expected RT: 4.25

Processing Integration Results



Manual Integration Results

RT: 4.25
Area: 63889
Amount: 20.655249
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:48:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

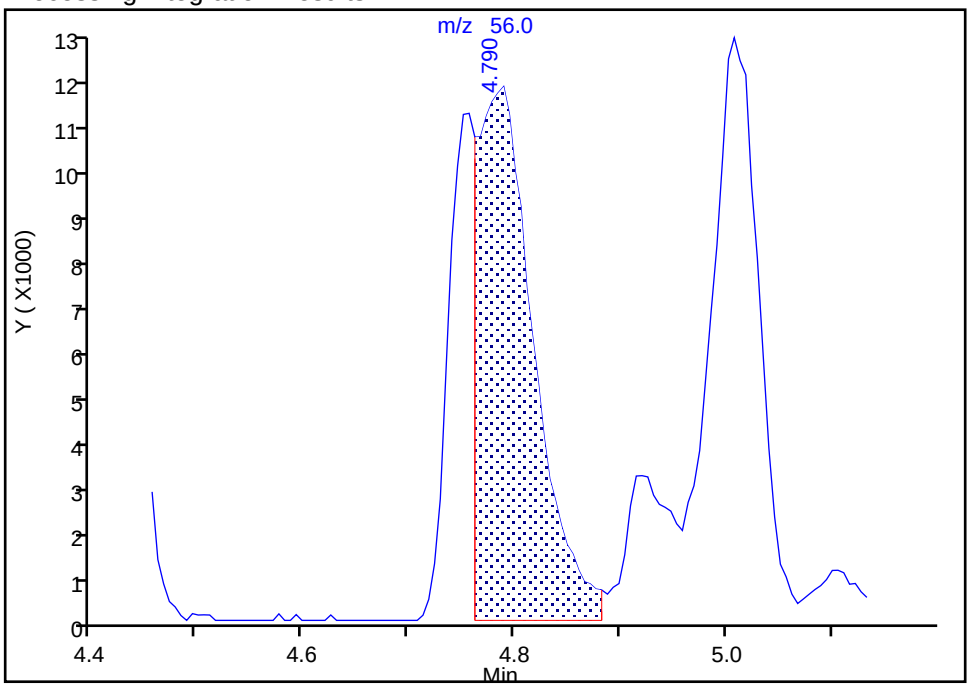
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

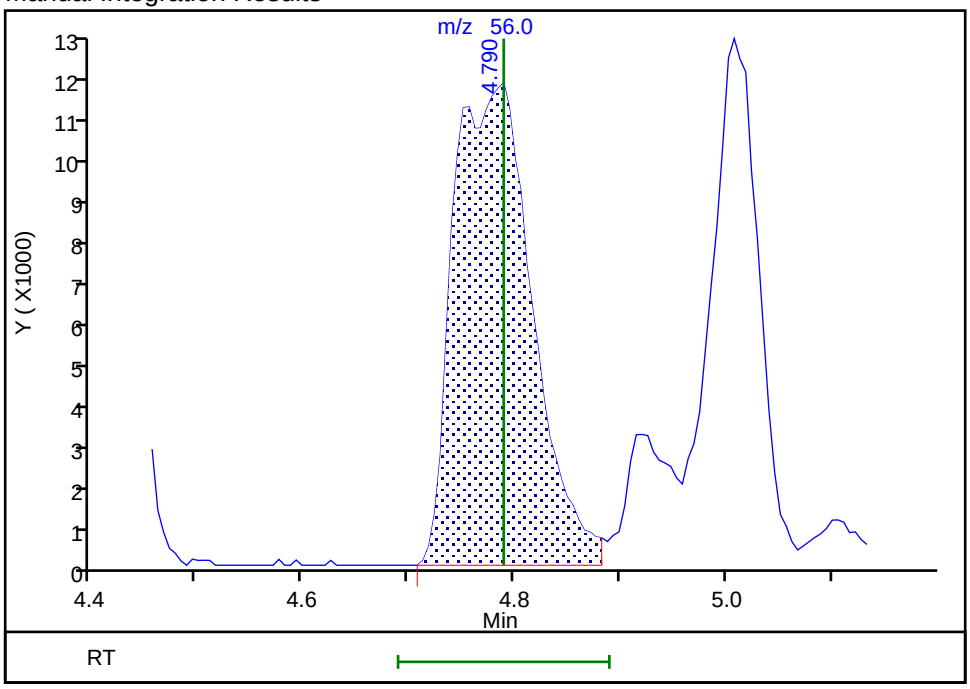
Processing Integration Results

RT: 4.79
Area: 43227
Amount: 274.0161
Amount Units: ug/l



Manual Integration Results

RT: 4.79
Area: 59431
Amount: 376.0648
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:54:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

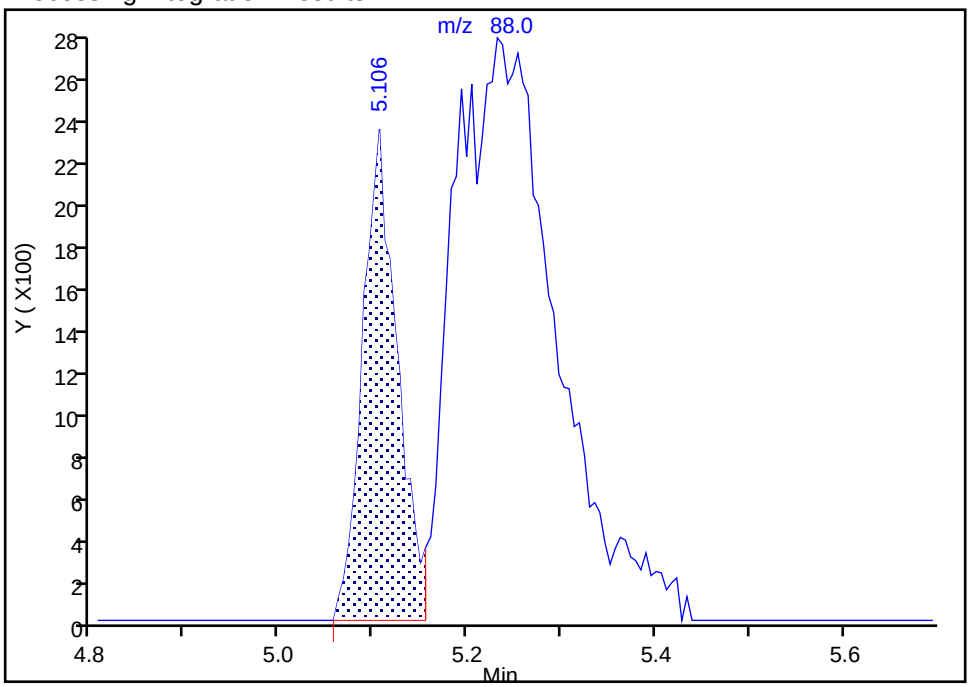
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

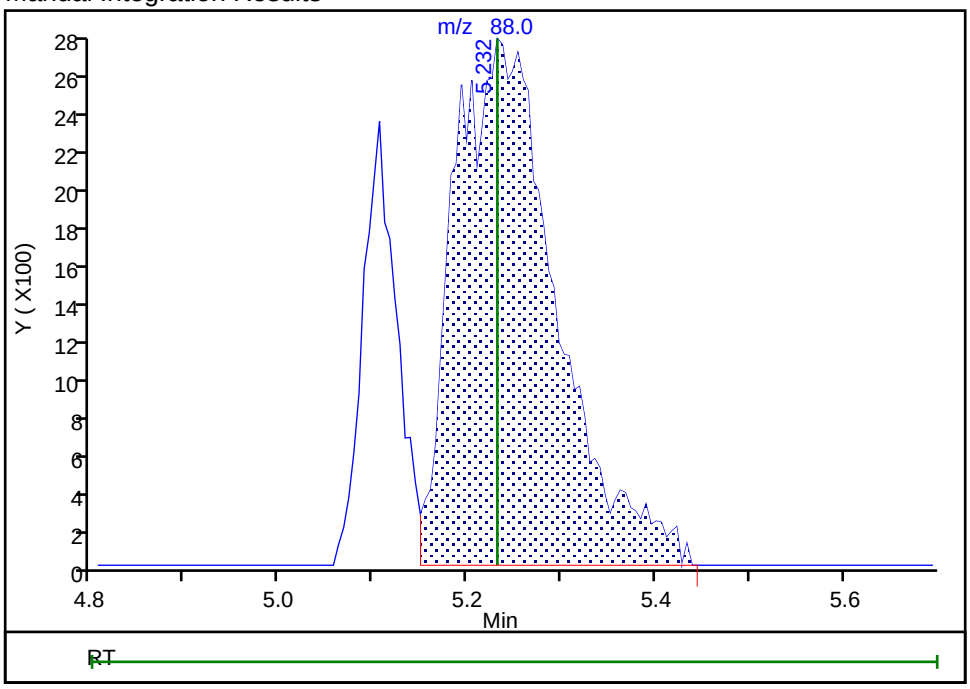
Processing Integration Results

RT: 5.11
Area: 6025
Amount: 127.4065
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 21133
Amount: 423.0138
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:48:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

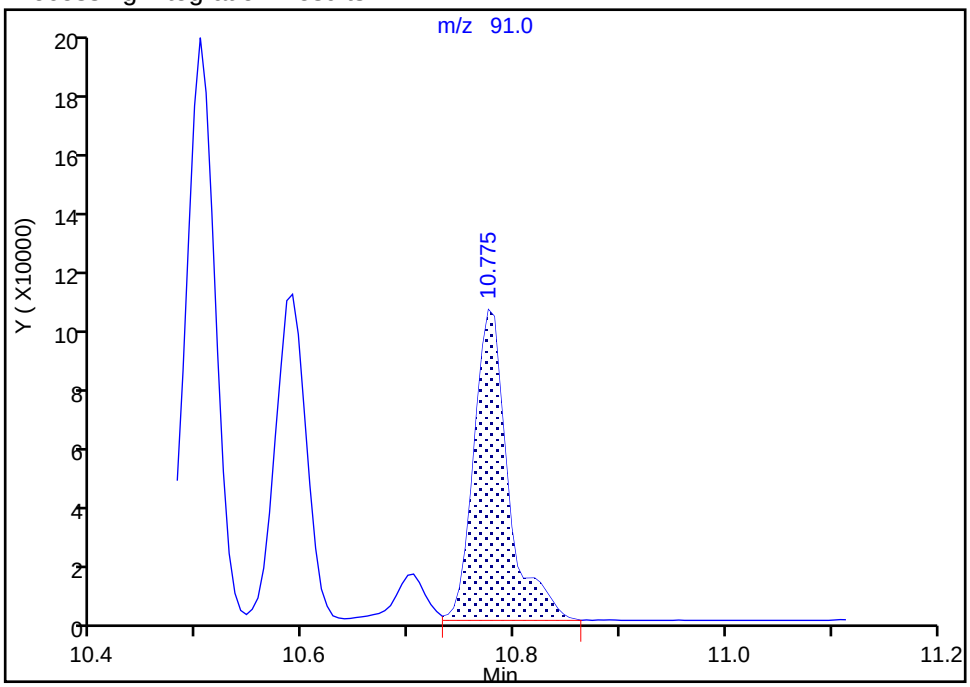
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

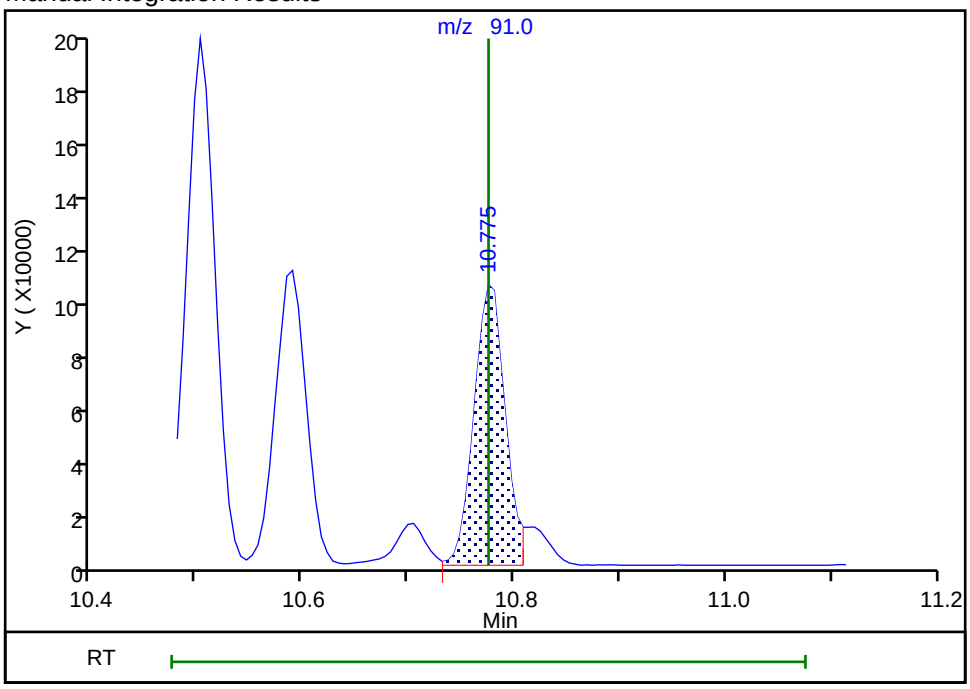
Processing Integration Results

RT: 10.78
Area: 231438
Amount: 21.937866
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 210583
Amount: 19.961033
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:54:31
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

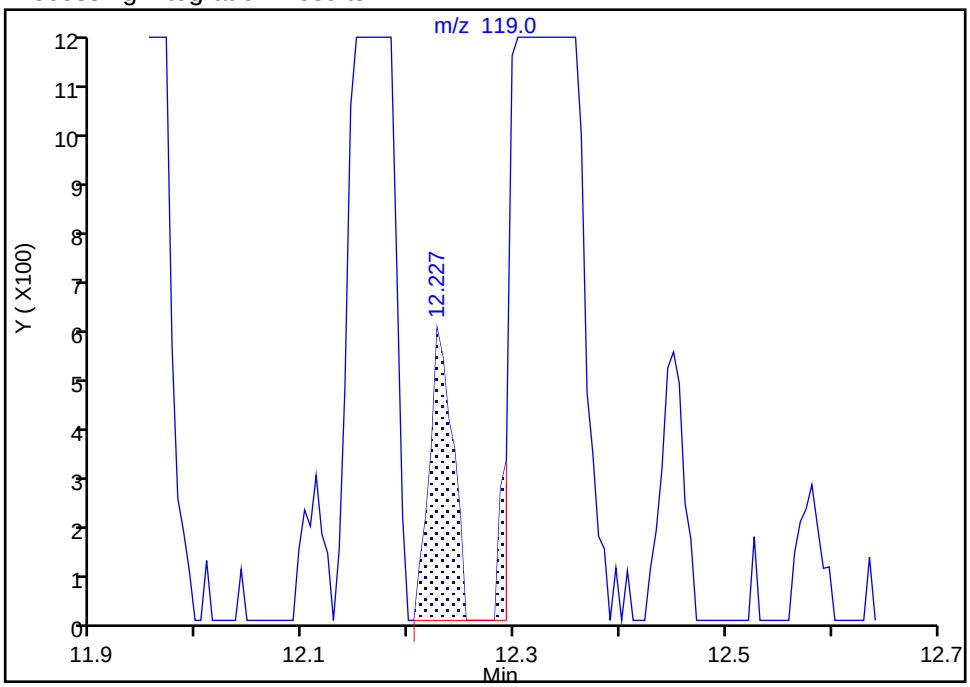
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

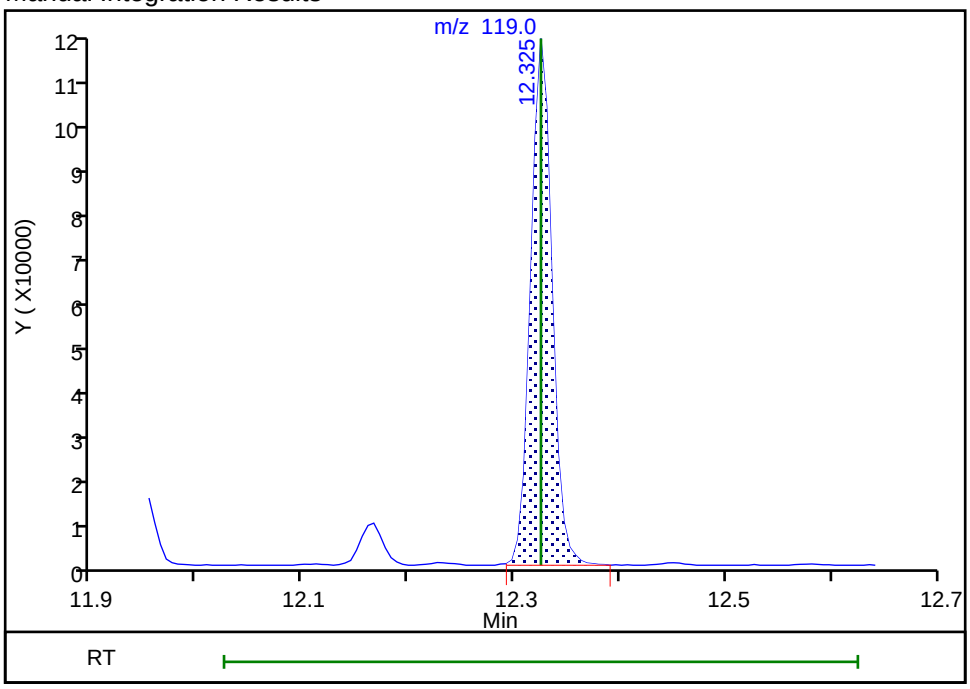
Processing Integration Results

RT: 12.23
Area: 1114
Amount: 0.154423
Amount Units: ug/l



Manual Integration Results

RT: 12.32
Area: 161722
Amount: 22.417880
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:49:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

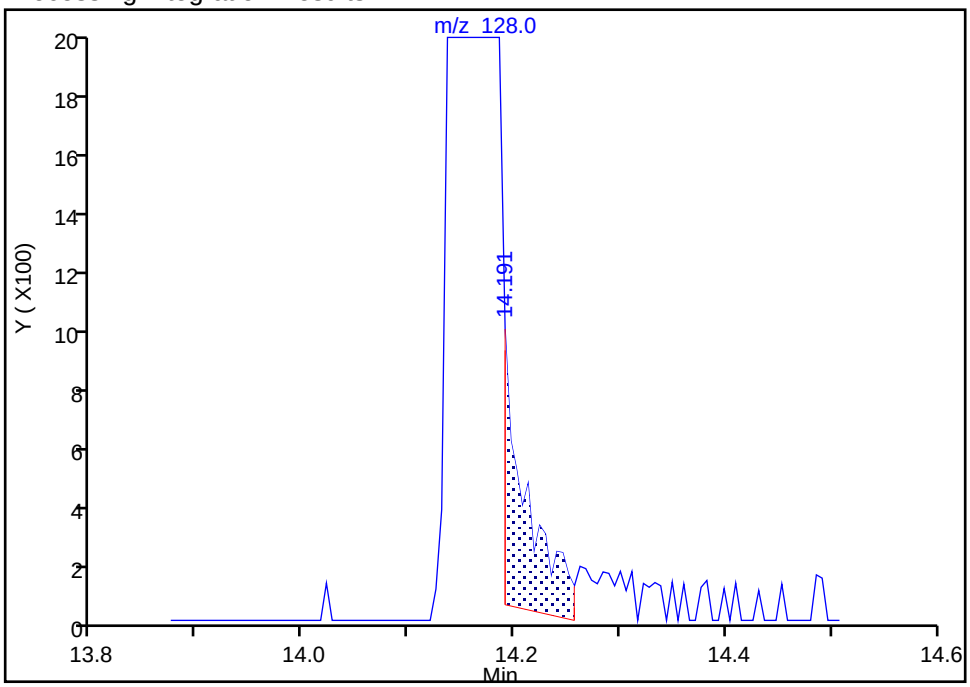
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18522.D
Injection Date: 28-Aug-2020 10:20:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Signal: 1

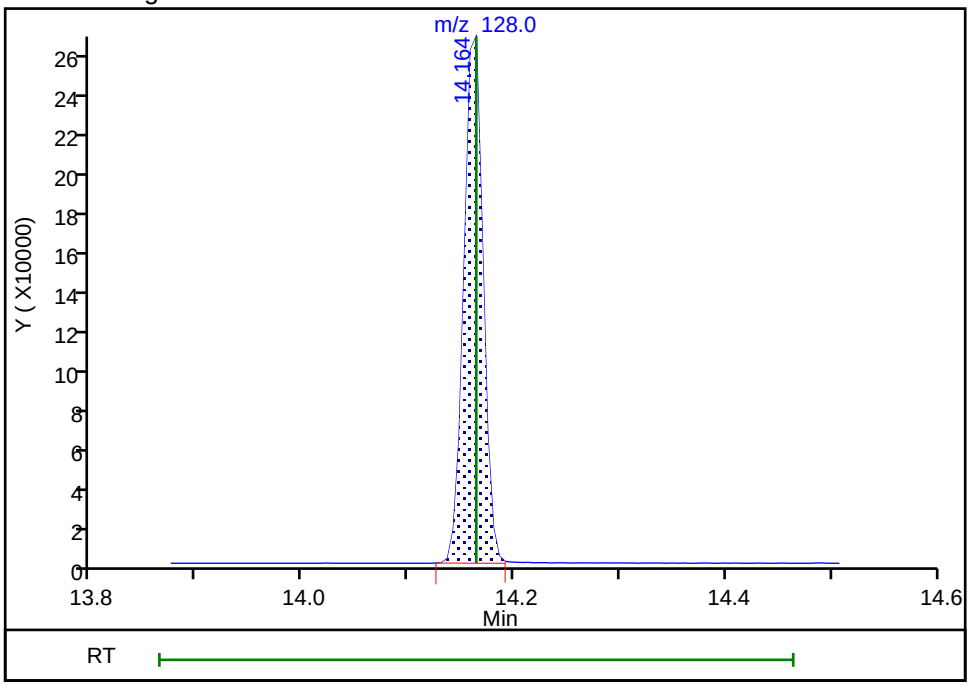
Processing Integration Results

RT: 14.19
Area: 1414
Amount: -0.479141
Amount Units: ug/l



Manual Integration Results

RT: 14.16
Area: 338365
Amount: 21.112607
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 10:49:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720508/2 Calibration Date: 08/29/2020 09:54

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18573.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5060	0.6010	0.1000	23.8	20.0	18.8	20.0
Chloromethane	Ave	0.7121	0.7833	0.1000	22.0	20.0	10.0	20.0
Butadiene	Ave	0.4429	0.5173		23.4	20.0	16.8	20.0
Vinyl chloride	Ave	0.4906	0.5632	0.1000	23.0	20.0	14.8	20.0
Bromomethane	Ave	0.3372	0.3510	0.1000	20.8	20.0	4.1	50.0
Chloroethane	Ave	0.2524	0.2781	0.1000	22.0	20.0	10.2	50.0
Dichlorofluoromethane	Ave	0.6261	0.6696		21.4	20.0	6.9	20.0
Pentane	Ave	1.367	1.473		43.1	40.0	7.8	20.0
Trichlorofluoromethane	Ave	0.4734	0.5509	0.1000	23.3	20.0	16.4	20.0
Ethyl ether	Ave	0.2559	0.2587		20.2	20.0	1.1	20.0
2-Methyl-1,3-butadiene	Ave	0.3032	0.3590		23.7	20.0	18.4	20.0
Acrolein	Ave	1.254	1.154		276	300	-8.0	50.0
Ethanol	Ave	0.0662	0.0606		732	800	-8.5	50.0
1,1-Dichloroethene	Ave	0.2971	0.3407	0.1000	22.9	20.0	14.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3016	0.3874	0.1000	25.7	20.0	28.4*	20.0
Acetone	Ave	1.064	0.9508	0.0500	89.4	100	-10.6	50.0
Iodomethane	Ave	0.6377	0.6469		20.3	20.0	1.4	20.0
Carbon disulfide	Ave	1.325	1.441	0.1000	21.7	20.0	8.7	50.0
Isopropyl alcohol	QuaF		0.8943		165	200	-17.3	50.0
Allyl chloride	Ave	0.4730	0.5313		22.5	20.0	12.3	20.0
Methyl acetate	Ave	7.454	6.119	0.1000	32.8	40.0	-17.9	20.0
Acetonitrile	Ave	0.8780	0.9545		217	200	8.7	20.0
Cyclopentene	Ave	0.8584	1.036		24.1	20.0	20.7*	20.0
Methylene Chloride	Ave	0.4479	0.4003	0.1000	17.9	20.0	-10.6	20.0
2-Methyl-2-propanol	Ave	1.478	1.250		169	200	-15.4	50.0
Acrylonitrile	Ave	0.1351	0.1413		209	200	4.6	20.0
trans-1,2-Dichloroethene	Ave	0.3365	0.3839	0.1000	22.8	20.0	14.1	20.0
Methyl tert-butyl ether	Ave	0.9018	0.9011	0.1000	20.0	20.0	-0.0	20.0
Hexane	Ave	0.3091	0.3743		24.2	20.0	21.1*	20.0
1,1-Dichloroethane	Ave	0.6582	0.7173	0.2000	21.8	20.0	9.0	20.0
Vinyl acetate	QuaF		1.346		24.6	40.0	-38.5*	20.0
Isopropyl ether	Ave	1.204	1.253		20.8	20.0	4.1	20.0
2-Chloro-1,3-butadiene	Ave	0.3083	0.3653		23.7	20.0	18.5	20.0
Tert-butyl ethyl ether	Ave	1.074	1.232		22.9	20.0	14.7	20.0
cis-1,2-Dichloroethene	Ave	0.4011	0.4350	0.1000	21.7	20.0	8.5	20.0
2,2-Dichloropropane	Ave	0.1651	0.1937		23.5	20.0	17.4	20.0
2-Butanone (MEK)	Ave	0.3718	0.3313	0.0500	89.1	100	-10.9	50.0
Propionitrile	Ave	1.597	1.374		172	200	-14.0	20.0
Ethyl acetate	Ave	0.3219	0.2828		35.1	40.0	-12.1	20.0
Methyl acrylate	QuaF		0.3667		21.4	20.0	7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720508/2 Calibration Date: 08/29/2020 09:54

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18573.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methacrylonitrile	Ave	0.1347	0.1420		211	200	5.4	20.0
Chlorobromomethane	Ave	0.1920	0.1989		20.7	20.0	3.6	20.0
Tetrahydrofuran	Ave	0.4125	0.3969		38.5	40.0	-3.8	20.0
Chloroform	Ave	0.6260	0.6729	0.2000	21.5	20.0	7.5	20.0
1,1,1-Trichloroethane	Ave	0.5014	0.5790	0.1000	23.1	20.0	15.5	20.0
Cyclohexane	Ave	0.5042	0.6414	0.1000	25.4	20.0	27.2	50.0
1,1-Dichloropropene	Ave	0.4624	0.5307		23.0	20.0	14.8	20.0
Carbon tetrachloride	Ave	0.4273	0.4957	0.1000	23.2	20.0	16.0	20.0
Isobutyl alcohol	QuaF		0.1222		349	500	-30.3*	20.0
Benzene	Ave	2.007	2.130	0.5000	21.2	20.0	6.1	20.0
1,2-Dichloroethane	Ave	0.4441	0.4372	0.1000	19.7	20.0	-1.6	20.0
2,2,4-Trimethylpentane	Ave	1.311	1.831		27.9	20.0	39.7*	20.0
Isopropyl acetate	Ave	1.297	1.423		21.9	20.0	9.7	20.0
Tert-amyl methyl ether	Ave	0.2882	0.2935		20.4	20.0	1.8	20.0
n-Heptane	Ave	0.6301	0.4287		13.6	20.0	-32.0*	20.0
n-Butanol	QuaF		0.2644		343	500	-31.4	50.0
Trichloroethene	Ave	0.3197	0.3409	0.2000	21.3	20.0	6.6	20.0
Ethyl acrylate	Ave	0.0494	0.0440		17.8	20.0	-11.0	20.0
Methylcyclohexane	Ave	0.5949	0.7735	0.1000	26.0	20.0	30.0	50.0
1,2-Dichloropropane	Ave	0.3436	0.3450	0.1000	20.1	20.0	0.4	20.0
Dibromomethane	Ave	0.2008	0.1907		19.0	20.0	-5.0	20.0
Methyl methacrylate	Ave	0.1811	0.1732		38.2	40.0	-4.4	20.0
1,4-Dioxane	Lin2		1.355		394	400	-1.5	50.0
n-Propyl acetate	Ave	0.4173	0.3961		19.0	20.0	-5.1	20.0
Dichlorobromomethane	Ave	0.4197	0.3980	0.2000	19.0	20.0	-5.2	20.0
2-Nitropropane	Lin2		0.0615		33.5	40.0	-16.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0547	0.0660		24.2	20.0	20.6*	20.0
Epichlorohydrin	Ave	0.2620	0.2478		378	400	-5.4	20.0
cis-1,3-Dichloropropene	Ave	0.6575	0.6242	0.2000	19.0	20.0	-5.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.897	2.909	0.0500	100	100	0.4	50.0
Toluene	Ave	1.772	1.872	0.4000	21.1	20.0	5.7	20.0
trans-1,3-Dichloropropene	Ave	0.5350	0.5074	0.1000	19.0	20.0	-5.2	50.0
Ethyl methacrylate	Ave	0.4918	0.4926		20.0	20.0	0.2	20.0
1,1,2-Trichloroethane	Ave	0.2918	0.2803	0.1000	19.2	20.0	-3.9	20.0
Tetrachloroethene	Ave	0.4103	0.4602	0.2000	22.4	20.0	12.2	20.0
1,3-Dichloropropane	Ave	0.5550	0.5380		19.4	20.0	-3.1	20.0
2-Hexanone	Ave	1.669	1.659	0.0500	99.4	100	-0.6	50.0
Chlorodibromomethane	Ave	0.3974	0.3557	0.1000	17.9	20.0	-10.5	50.0
n-Butyl acetate	Ave	0.6361	0.6430		20.2	20.0	1.1	20.0
Ethylene Dibromide	Ave	0.3332	0.3255	0.1000	19.5	20.0	-2.3	20.0
Chlorobenzene	Ave	1.071	1.092	0.5000	20.4	20.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720508/2 Calibration Date: 08/29/2020 09:54

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18573.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.4846	0.4764		19.7	20.0	-1.7	20.0
Ethylbenzene	Ave	0.5923	0.6581	0.1000	22.2	20.0	11.1	20.0
m-Xylene & p-Xylene	Ave	0.7419	0.8070	0.1000	21.8	20.0	8.8	20.0
o-Xylene	Ave	0.7915	0.8745	0.3000	22.1	20.0	10.5	20.0
Styrene	Ave	1.148	1.228	0.3000	21.4	20.0	7.0	20.0
n-Butyl acrylate	Ave	0.3084	0.3275		21.2	20.0	6.2	20.0
Bromoform	Ave	0.2700	0.2490	0.1000	18.4	20.0	-7.8	20.0
Amyl acetate (mixed isomers)	Ave	1.375	1.346		19.6	20.0	-2.1	20.0
Isopropylbenzene	Ave	2.035	2.400	0.1000	23.6	20.0	18.0	20.0
Bromobenzene	Ave	0.8598	0.8393		19.5	20.0	-2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9833	0.9250	0.3000	18.8	20.0	-5.9	20.0
1,2,3-Trichloropropane	Ave	0.2400	0.2293		19.1	20.0	-4.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.2078		19.2	20.0	-3.8	20.0
N-Propylbenzene	Ave	4.224	4.802		22.7	20.0	13.7	20.0
2-Chlorotoluene	Ave	2.588	2.730		21.1	20.0	5.5	20.0
4-Ethyltoluene	Ave	3.313	3.818		23.1	20.0	15.3	20.0
4-Chlorotoluene	Ave	2.483	2.593		20.9	20.0	4.4	20.0
1,3,5-Trimethylbenzene	Ave	3.189	3.366		21.1	20.0	5.5	20.0
Butyl Methacrylate	Ave	1.012	1.009		20.0	20.0	-0.2	20.0
tert-Butylbenzene	QuaF		2.552		16.4	20.0	-18.0	20.0
1,2,4-Trimethylbenzene	Ave	3.262	3.462		21.2	20.0	6.1	20.0
sec-Butylbenzene	Ave	4.000	4.489		22.4	20.0	12.2	20.0
1,3-Dichlorobenzene	Ave	1.601	1.703	0.6000	21.3	20.0	6.4	20.0
1,4-Dichlorobenzene	Ave	1.588	1.685	0.5000	21.2	20.0	6.1	20.0
4-Isopropyltoluene	Ave	3.376	3.875		23.0	20.0	14.8	20.0
1,2,3-Trimethylbenzene	Ave	3.387	3.696		21.8	20.0	9.1	20.0
Benzyl chloride	Ave	1.398	1.509		21.6	20.0	7.9	50.0
Indan	Ave	3.109	3.392		21.8	20.0	9.1	20.0
1,2-Dichlorobenzene	Ave	1.743	1.832	0.4000	21.0	20.0	5.1	20.0
p-Diethylbenzene	Ave	1.698	2.148		25.3	20.0	26.5*	20.0
n-Butylbenzene	Ave	1.753	2.255		25.7	20.0	28.7*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2293	0.2261	0.0500	19.7	20.0	-1.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.440	4.044		23.5	20.0	17.6	20.0
1,3,5-Trichlorobenzene	Ave	1.480	1.877		25.4	20.0	26.9*	20.0
1,2,4-Trichlorobenzene	Ave	1.520	1.742	0.2000	22.9	20.0	14.6	20.0
Hexachlorobutadiene	Ave	0.7620	0.8680		22.8	20.0	13.9	20.0
Naphthalene	Lin2		4.069		21.6	20.0	7.9	50.0
1,2,3-Trichlorobenzene	Ave	1.637	1.766		21.6	20.0	7.9	20.0
Dibromofluoromethane (Surr)	Ave	0.3403	0.3600		52.9	50.0	5.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3506	0.3595		51.3	50.0	2.5	20.0
Toluene-d8 (Surr)	Ave	1.579	1.618		51.2	50.0	2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720508/2 Calibration Date: 08/29/2020 09:54

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18573.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.4722	0.4929		52.2	50.0	4.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Aug-2020 09:54:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0115966-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub45

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:48:18 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: tupayachia Date: 30-Aug-2020 09:11:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.145	1.145	0.000	98	125087	20.0	23.8	
6 Chloromethane	50	1.259	1.259	0.000	99	163016	20.0	22.0	
7 Butadiene	54	1.292	1.292	0.000	98	107667	20.0	23.4	
8 Vinyl chloride	62	1.325	1.325	0.000	98	117226	20.0	23.0	
9 Bromomethane	94	1.505	1.505	0.000	99	73058	20.0	20.8	
10 Chloroethane	64	1.532	1.532	0.000	100	57889	20.0	22.0	
11 Dichlorofluoromethane	67	1.679	1.679	0.000	99	139356	20.0	21.4	
13 Pentane	72	1.728	1.728	0.000	96	25830	40.0	43.1	
12 Trichlorofluoromethane	101	1.734	1.734	0.000	93	114663	20.0	23.3	
15 Ethyl ether	59	1.854	1.854	0.000	99	53851	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	1.870	1.870	0.000	91	74721	20.0	23.7	M
14 Ethanol	46	1.947	1.947	0.000	65	21245	800.0	731.8	Ma
19 Acrolein	56	1.947	1.947	0.000	95	151752	300.0	276.1	
21 1,1-Dichloroethene	96	2.018	2.018	0.000	97	70916	20.0	22.9	
20 112TCTFE	101	2.050	2.050	0.000	85	80627	20.0	25.7	
22 Acetone	43	2.061	2.061	0.000	86	118785	100.0	89.4	
23 Iodomethane	142	2.132	2.132	0.000	98	134629	20.0	20.3	
24 Isopropyl alcohol	45	2.176	2.176	0.000	56	78402	200.0	165.4	
25 Carbon disulfide	76	2.176	2.176	0.000	99	299827	20.0	21.7	
26 3-Chloro-1-propene	39	2.252	2.252	0.000	88	110580	20.0	22.5	a
32 2-Methyl-2-propanol	59	2.481	2.481	0.000	91	109557	200.0	169.2	a
29 Acetonitrile	41	2.290	2.290	0.000	30	83674	200.0	217.4	M
27 Methyl acetate	43	2.274	2.274	0.000	100	107287	40.0	32.8	
28 Cyclopentene	67	2.318	2.318	0.000	93	215631	20.0	24.1	
31 Methylene Chloride	84	2.345	2.345	0.000	97	83312	20.0	17.9	
* 30 TBA-d9 (IS)	65	2.421	2.421	0.000	96	438328	1000.0	1000.0	
35 Acrylonitrile	53	2.520	2.520	0.000	94	294175	200.0	209.2	
34 trans-1,2-Dichloroethene	96	2.541	2.541	0.000	98	79894	20.0	22.8	
33 Methyl tert-butyl ether	73	2.563	2.563	0.000	97	187545	20.0	20.0	
36 Hexane	43	2.749	2.749	0.000	93	77893	20.0	24.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.858	2.858	0.000	99	149290	20.0	21.8	
39 Vinyl acetate	86	2.902	2.902	0.000	100	23604	40.0	24.6	M
37 Isopropyl ether	45	2.929	2.929	0.000	85	260841	20.0	20.8	
40 2-Chloro-1,3-butadiene	88	2.934	2.934	0.000	91	76027	20.0	23.7	
41 Tert-butyl ethyl ether	59	3.224	3.224	0.000	90	256472	20.0	22.9	
* 42 2-Butanone-d5	46	3.311	3.311	0.000	95	312330	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	3.338	3.338	0.000	95	90533	20.0	21.7	
43 2,2-Dichloropropane	79	3.344	3.344	0.000	75	40323	20.0	23.5	
46 2-Butanone (MEK)	72	3.354	3.354	0.000	96	41384	100.0	89.1	Ma
48 Propionitrile	54	3.409	3.409	0.000	96	120455	200.0	172.0	
45 Ethyl acetate	70	3.415	3.415	0.000	99	14132	40.0	35.1	M
47 Methyl acrylate	55	3.442	3.442	0.000	99	76319	20.0	21.4	Ma
51 Methacrylonitrile	67	3.535	3.535	0.000	93	295519	200.0	210.8	
50 Chlorobromomethane	128	3.540	3.540	0.000	95	41397	20.0	20.7	
49 Tetrahydrofuran	72	3.600	3.600	0.000	56	19833	40.0	38.5	M
52 Chloroform	83	3.616	3.616	0.000	98	140039	20.0	21.5	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	97	187335	50.0	52.9	
54 1,1,1-Trichloroethane	97	3.791	3.791	0.000	99	120495	20.0	23.1	
53 Cyclohexane	84	3.846	3.846	0.000	93	133495	20.0	25.4	
57 1,1-Dichloropropene	75	3.938	3.938	0.000	98	110448	20.0	23.0	
56 Carbon tetrachloride	117	3.949	3.949	0.000	98	103174	20.0	23.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.075	0.000	0	187057	50.0	51.3	
58 Isobutyl alcohol	74	4.129	4.129	0.000	73	26792	500.0	348.6	
60 Benzene	78	4.135	4.135	0.000	95	305784	20.0	21.2	
64 1,2-Dichloroethane	62	4.151	4.151	0.000	96	90988	20.0	19.7	
59 Isooctane	57	4.222	4.222	0.000	96	381068	20.0	27.9	
62 Isopropyl acetate	43	4.238	4.238	0.000	95	296180	20.0	21.9	a
63 Tert-amyl methyl ether	87	4.260	4.260	0.000	90	61076	20.0	20.4	
* 66 Fluorobenzene	96	4.413	4.413	0.000	98	520316	50.0	50.0	
65 n-Heptane	57	4.418	4.418	0.000	94	89219	20.0	13.6	
68 n-Butanol	56	4.751	4.751	0.000	88	57955	500.0	342.9	M
69 Trichloroethene	95	4.795	4.795	0.000	98	70949	20.0	21.3	
70 Ethyl acrylate	56	4.920	4.920	0.000	98	9148	20.0	17.8	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	160986	20.0	26.0	
72 1,2-Dichloropropane	63	5.035	5.035	0.000	94	71813	20.0	20.1	
77 Dibromomethane	93	5.161	5.161	0.000	97	39699	20.0	19.0	
74 Methyl methacrylate	69	5.182	5.182	0.000	92	72078	40.0	38.2	
75 1,4-Dioxane	88	5.199	5.199	0.000	62	20524	400.0	394.0	
* 73 1,4-Dioxane-d8	96	5.210	5.210	0.000	96	37875	1000.0	1000.0	
76 n-Propyl acetate	43	5.270	5.270	0.000	99	82437	20.0	19.0	
78 Dichlorobromomethane	83	5.357	5.357	0.000	99	82834	20.0	19.0	
79 2-Nitropropane	41	5.613	5.613	0.000	98	25595	40.0	33.5	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	93	13769	20.0	24.2	M
80 Epichlorohydrin	57	5.777	5.777	0.000	99	123832	400.0	378.4	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	93	89627	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.115	6.115	0.000	97	363429	100.0	100.4	
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	99	580736	50.0	51.2	
84 Toluene	91	6.301	6.301	0.000	94	268864	20.0	21.1	
85 trans-1,3-Dichloropropene	75	6.606	6.606	0.000	98	72854	20.0	19.0	
86 Ethyl methacrylate	69	6.781	6.781	0.000	92	70731	20.0	20.0	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	95	40251	20.0	19.2	
88 Tetrachloroethene	166	7.021	7.021	0.000	97	66086	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.065	7.065	0.000	96	77245	20.0	19.4	
90 2-Hexanone	43	7.234	7.234	0.000	98	207249	100.0	99.4	
92 Chlorodibromomethane	129	7.370	7.370	0.000	98	51078	20.0	17.9	
91 n-Butyl acetate	43	7.452	7.452	0.000	99	92325	20.0	20.2	
93 Ethylene Dibromide	107	7.496	7.496	0.000	97	46731	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	358969	50.0	50.0	
95 Chlorobenzene	112	8.232	8.232	0.000	94	156801	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	68407	20.0	19.7	
96 Ethylbenzene	106	8.434	8.434	0.000	99	94494	20.0	22.2	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	115878	20.0	21.8	
100 o-Xylene	106	9.220	9.220	0.000	93	125571	20.0	22.1	
101 Styrene	104	9.247	9.247	0.000	96	176326	20.0	21.4	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	47031	20.0	21.2	
103 Bromoform	173	9.487	9.487	0.000	97	35754	20.0	18.4	
102 Amyl acetate (mixed isomers)	43	9.678	9.678	0.000	89	114635	20.0	19.6	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	344589	20.0	23.6	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	176952	50.0	52.2	
106 Bromobenzene	156	10.235	10.235	0.000	98	71493	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	78793	20.0	18.8	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	97	19528	20.0	19.1	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	89	17704	20.0	19.2	
108 N-Propylbenzene	91	10.502	10.502	0.000	99	409068	20.0	22.7	
111 2-Chlorotoluene	91	10.590	10.590	0.000	96	232555	20.0	21.1	
112 4-Ethyltoluene	105	10.704	10.704	0.000	99	325245	20.0	23.1	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	220870	20.0	20.9	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	286725	20.0	21.1	
115 Butyl Methacrylate	87	11.086	11.086	0.000	92	85966	20.0	20.0	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	217352	20.0	16.4	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	294863	20.0	21.2	
118 sec-Butylbenzene	105	11.643	11.643	0.000	99	382345	20.0	22.4	
120 1,3-Dichlorobenzene	146	11.730	11.730	0.000	96	145097	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.828	0.000	96	212952	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.856	11.856	0.000	95	143512	20.0	21.2	
119 4-Isopropyltoluene	119	11.856	11.856	0.000	98	330048	20.0	23.0	
123 1,2,3-Trimethylbenzene	105	11.954	11.954	0.000	99	314846	20.0	21.8	
124 Benzyl chloride	91	12.052	12.052	0.000	98	128539	20.0	21.6	
125 2,3-Dihydroindene	117	12.177	12.177	0.000	95	288915	20.0	21.8	
126 p-Diethylbenzene	119	12.341	12.341	0.000	91	182987	20.0	25.3	a
128 1,2-Dichlorobenzene	146	12.308	12.308	0.000	96	156009	20.0	21.0	
127 n-Butylbenzene	92	12.363	12.363	0.000	99	192059	20.0	25.7	
130 1,2-Dibromo-3-Chloropropane	157	13.181	13.181	0.000	94	19263	20.0	19.7	
129 1,2,4,5-Tetramethylbenzene	119	13.187	13.187	0.000	97	344460	20.0	23.5	
131 1,3,5-Trichlorobenzene	180	13.400	13.400	0.000	98	159911	20.0	25.4	
132 1,2,4-Trichlorobenzene	180	13.983	13.983	0.000	94	148400	20.0	22.9	
133 Hexachlorobutadiene	225	14.164	14.164	0.000	96	73937	20.0	22.8	
134 Naphthalene	128	14.196	14.196	0.000	99	346612	20.0	21.6	
135 1,2,3-Trichlorobenzene	180	14.415	14.415	0.000	95	150412	20.0	21.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.5	
S 137 Xylenes, Total	100				0		40.0	43.9	
S 139 Total BTEX	1				0		100.0	108.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 11:48:19 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D

Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9 Operator ID:

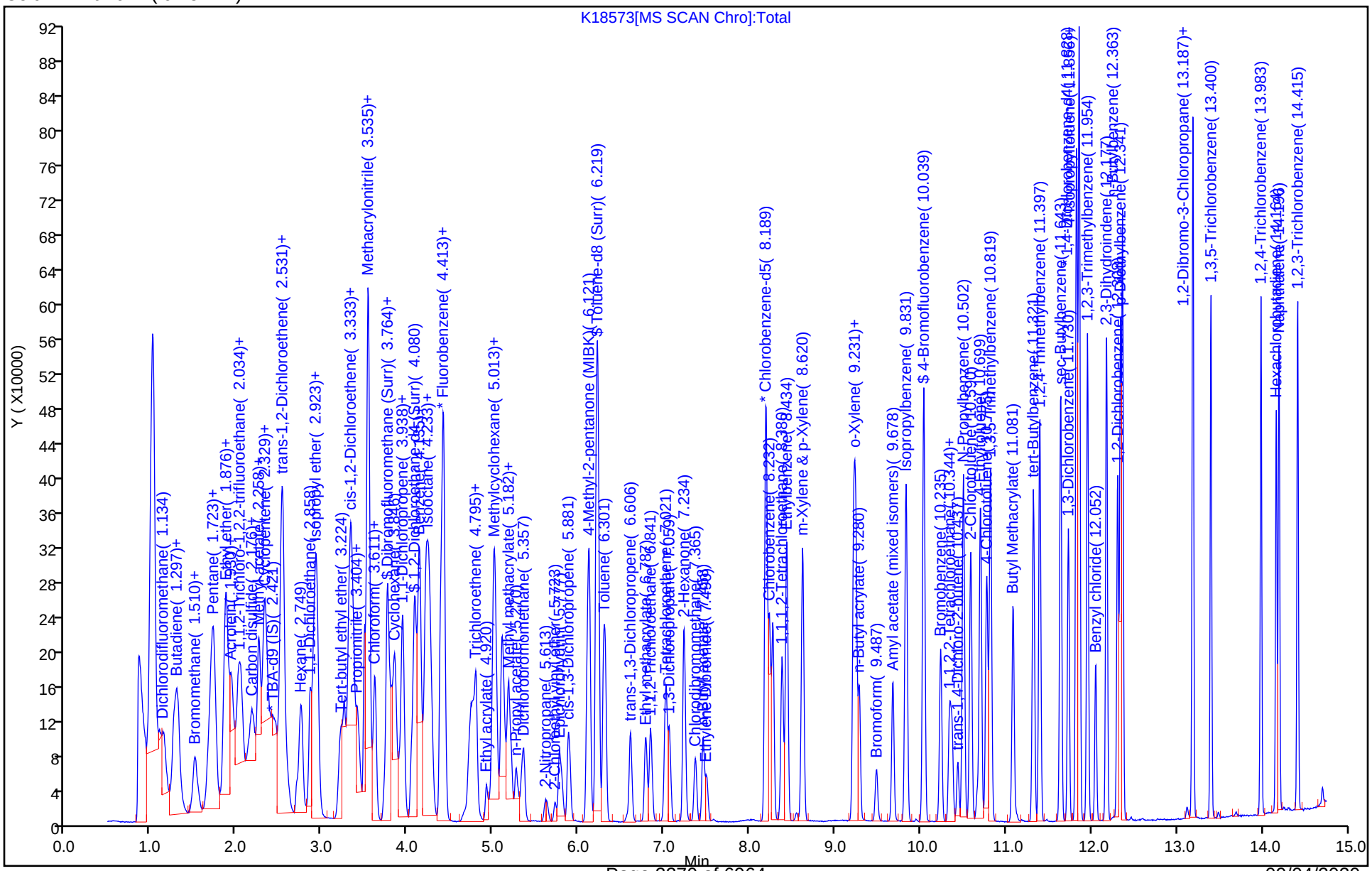
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

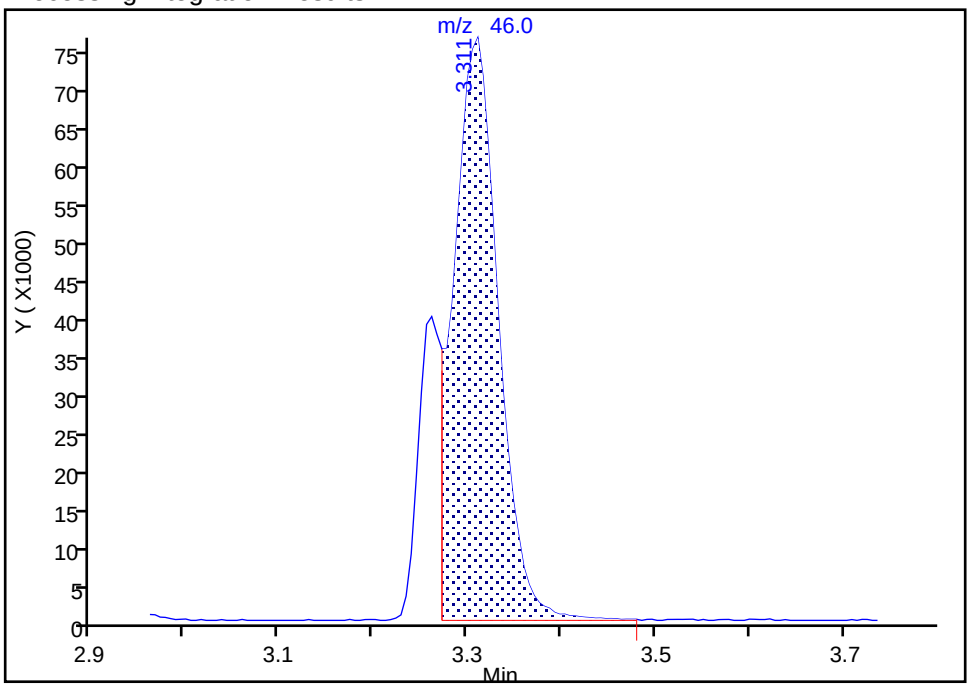
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

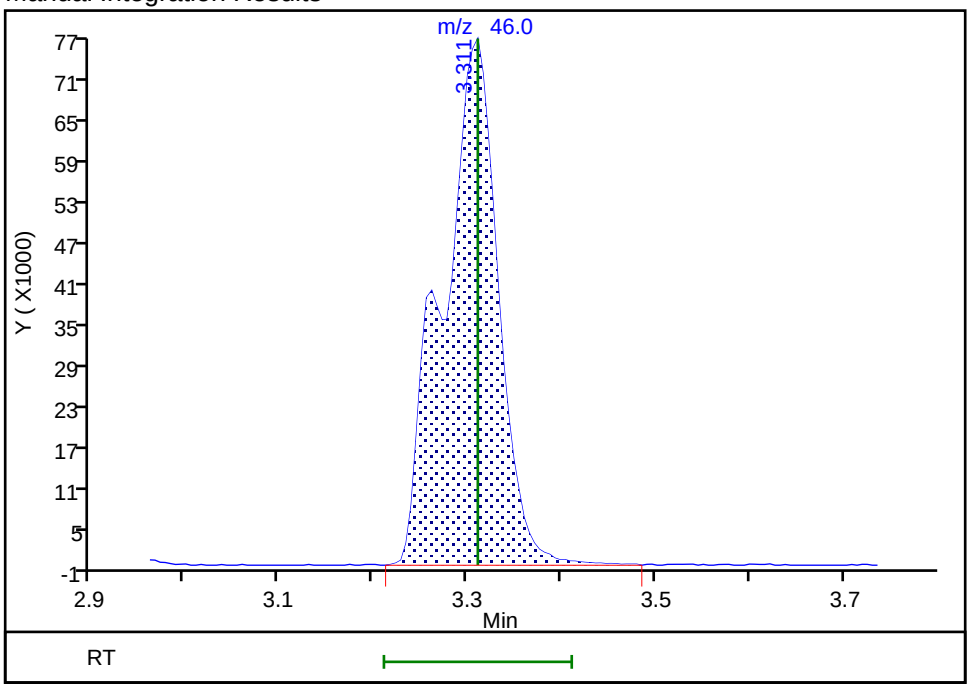
Processing Integration Results

RT: 3.31
Area: 254145
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 312330
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:43:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

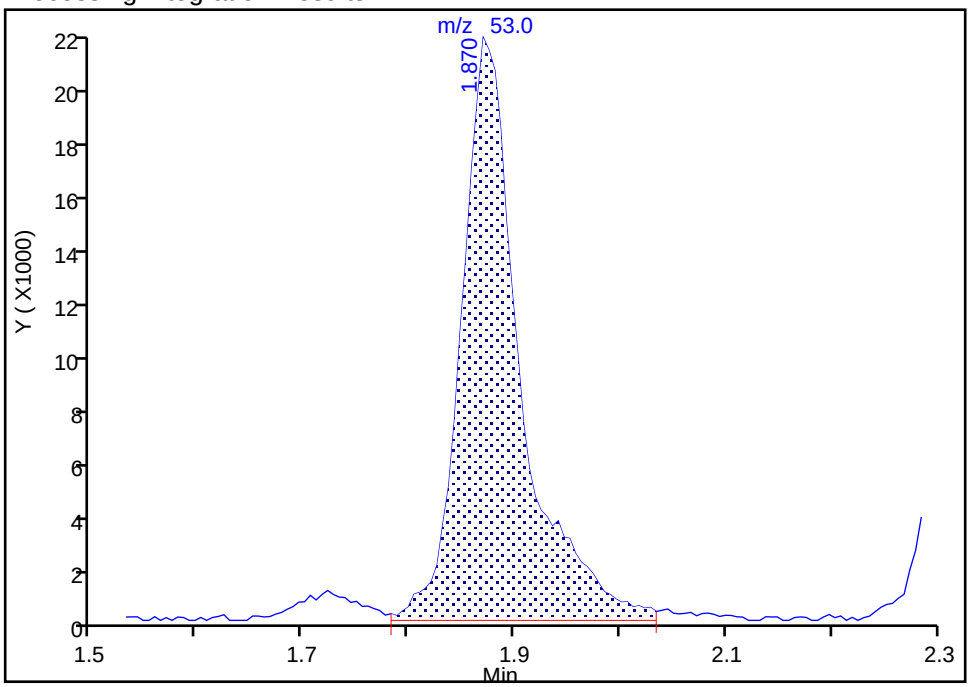
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

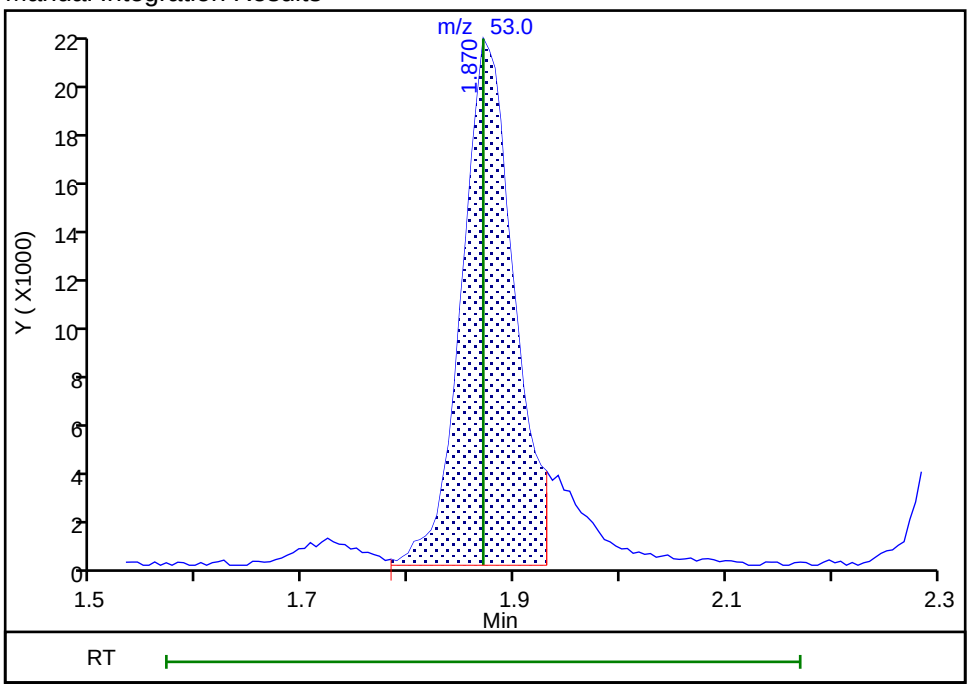
Processing Integration Results

RT: 1.87
Area: 84388
Amount: 26.748581
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 74721
Amount: 23.684418
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:45:17
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

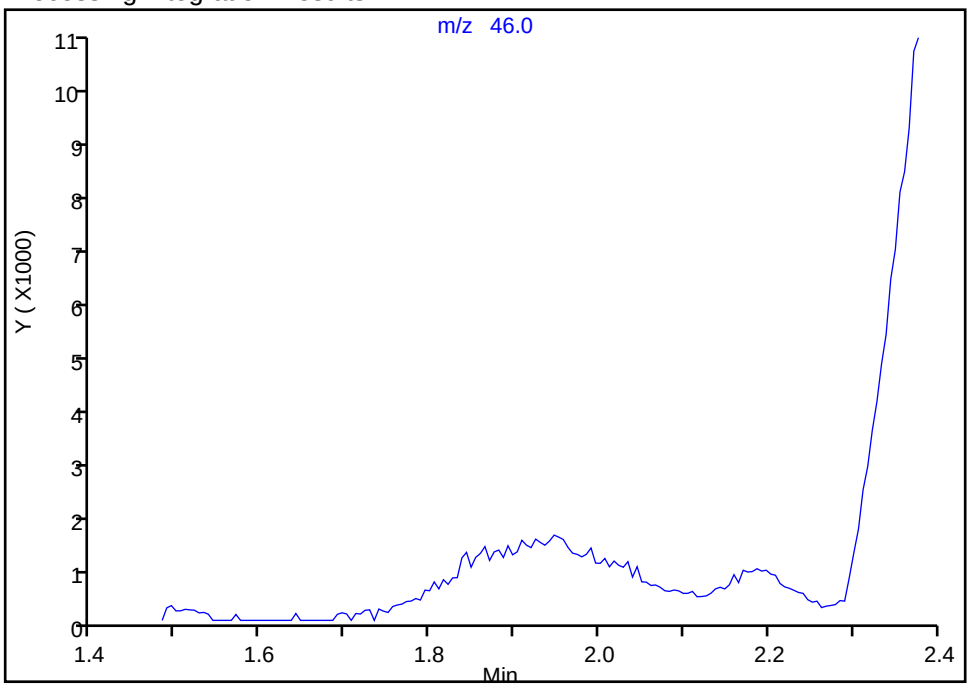
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D		
Injection Date:	29-Aug-2020 09:54:30	Instrument ID:	CVOAMS9
Lims ID:	CCVIS		
Client ID:			
Operator ID:		ALS Bottle#:	1 Worklist Smp#: 2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

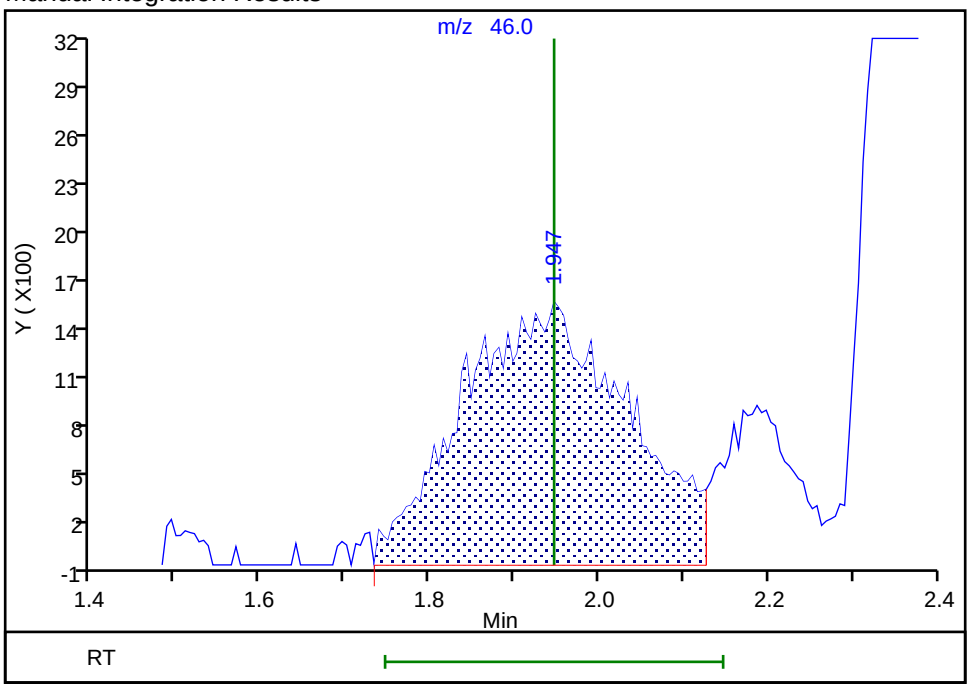
Not Detected
Expected RT: 1.95

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 21245
Amount: 731.7868
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:45:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

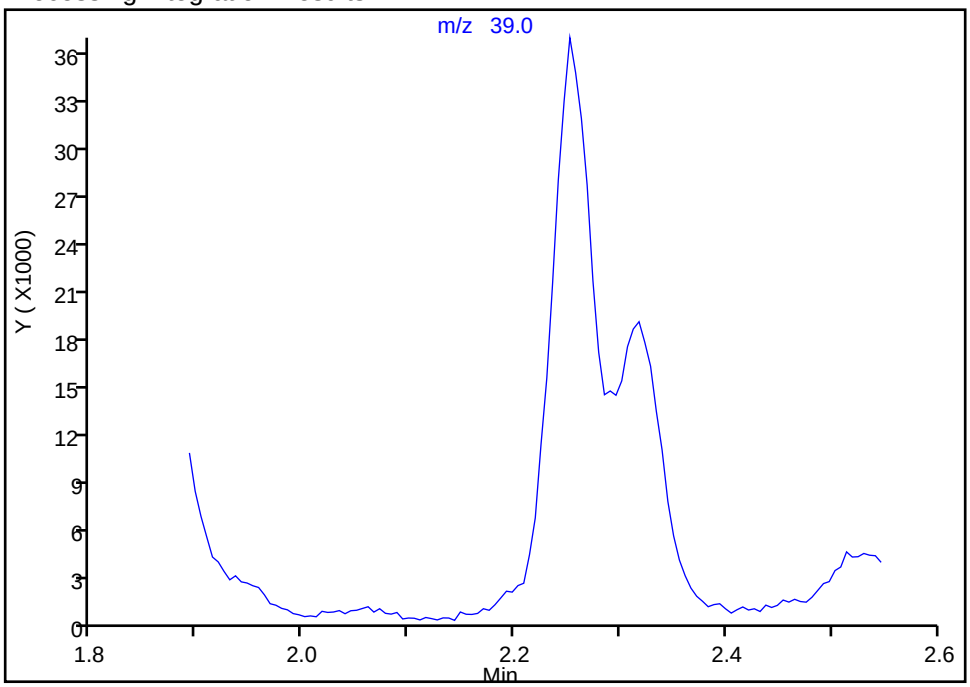
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

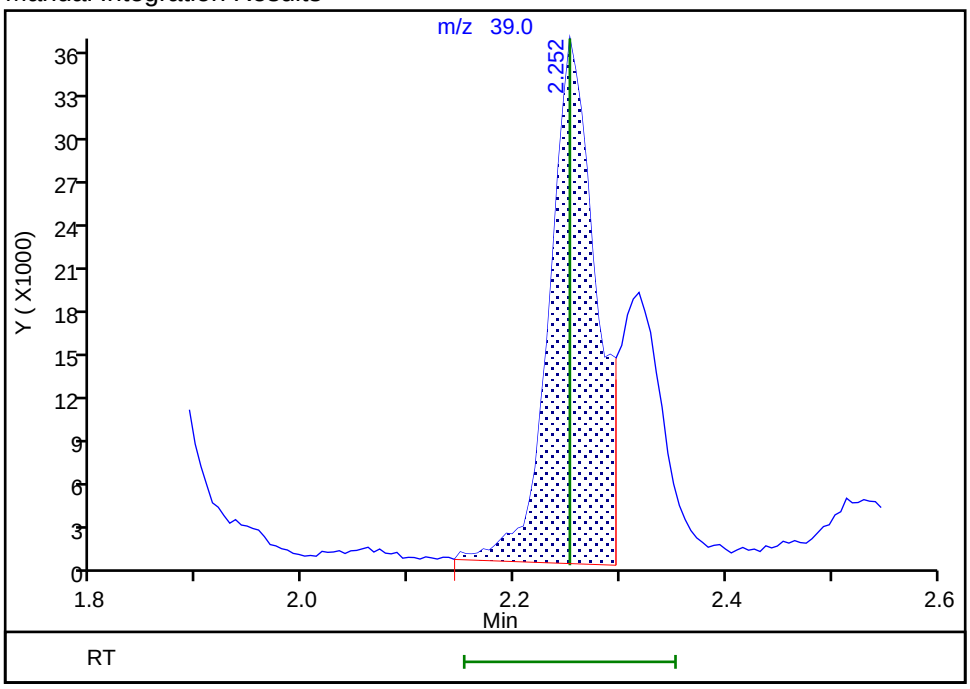
Not Detected
Expected RT: 2.25

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 110580
Amount: 22.466681
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:45:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

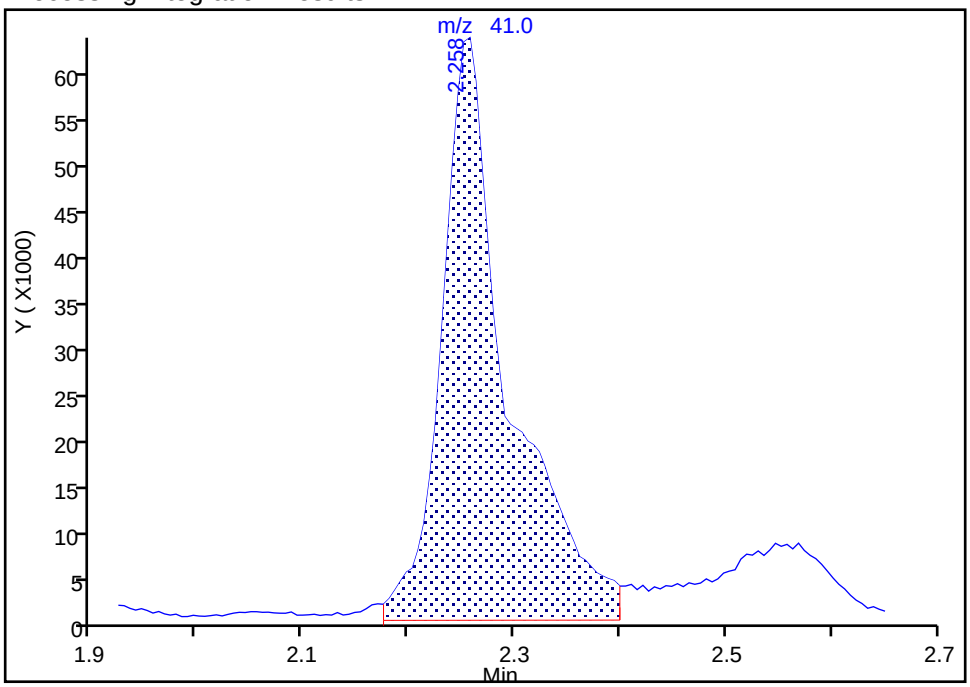
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

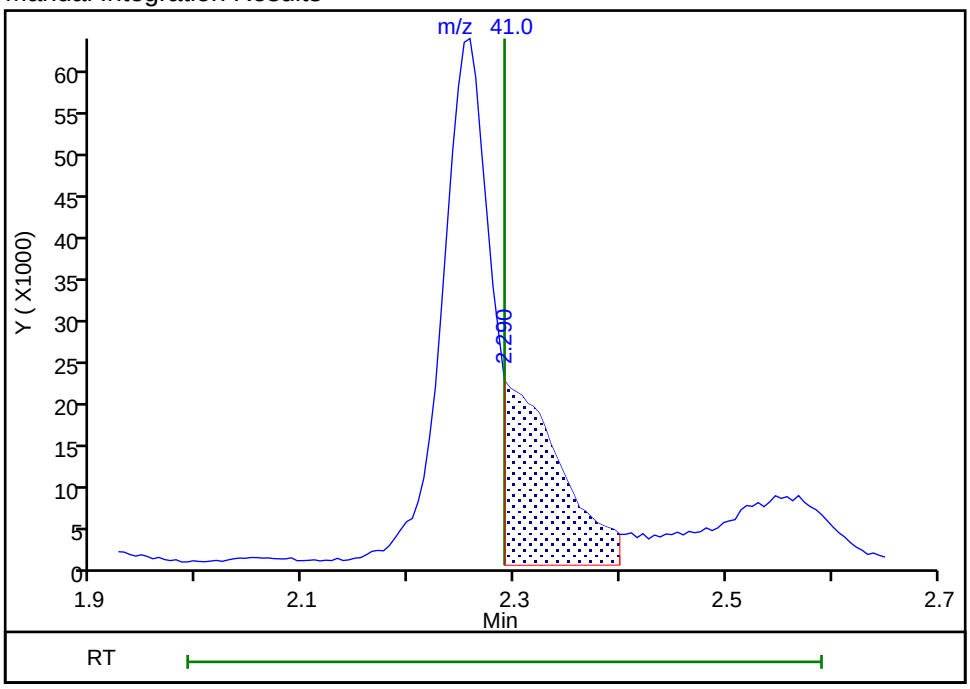
Processing Integration Results

RT: 2.26
Area: 276564
Amount: 718.6562
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 83674
Amount: 217.4283
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:45:56
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

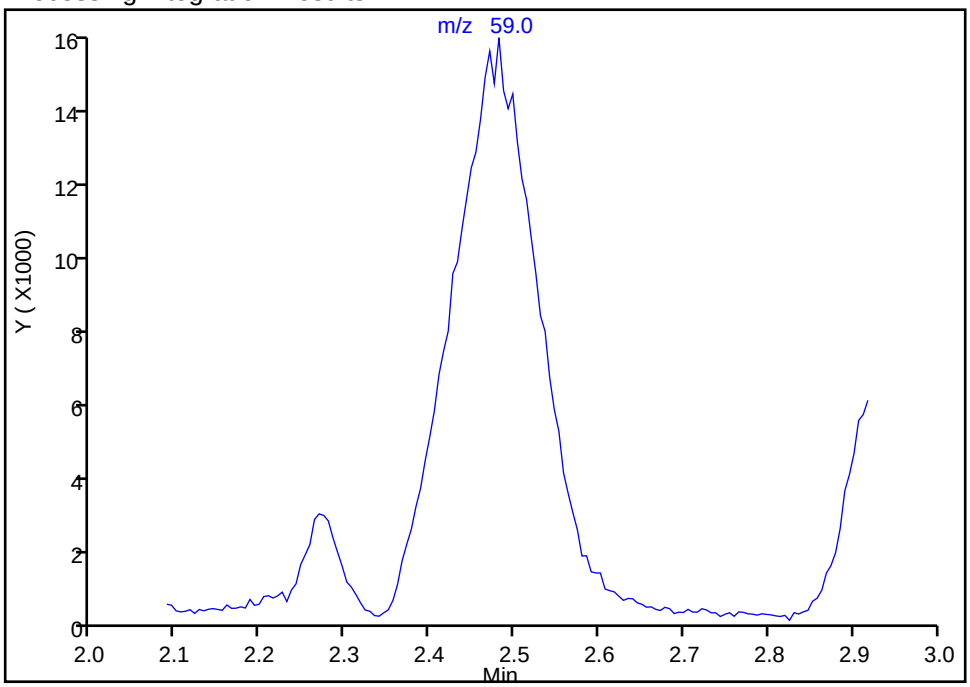
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

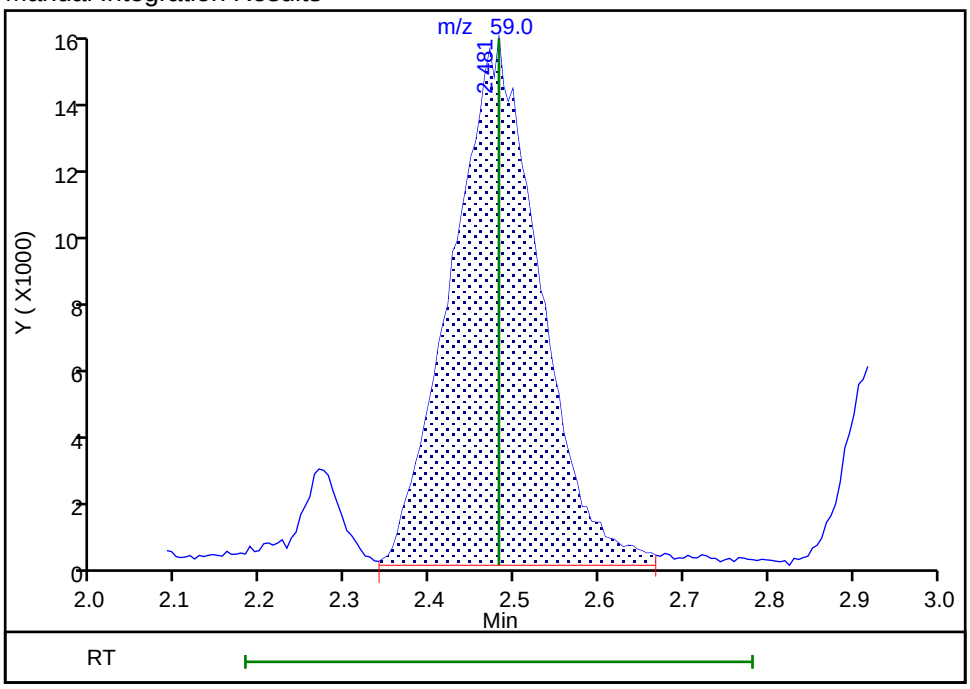
Not Detected
Expected RT: 2.48

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 109557
Amount: 169.1555
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:45:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

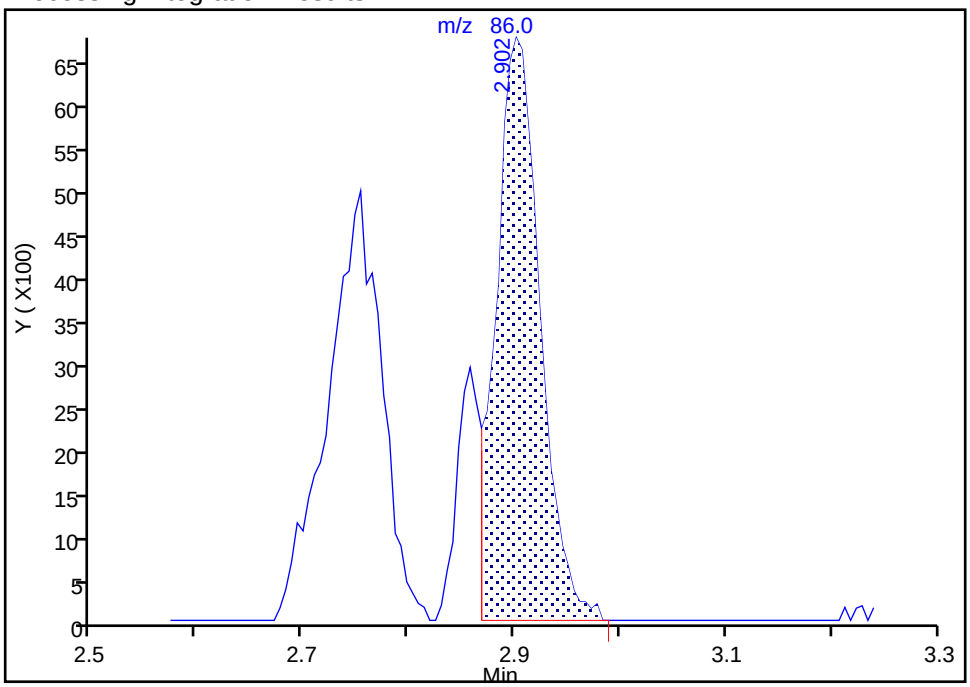
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

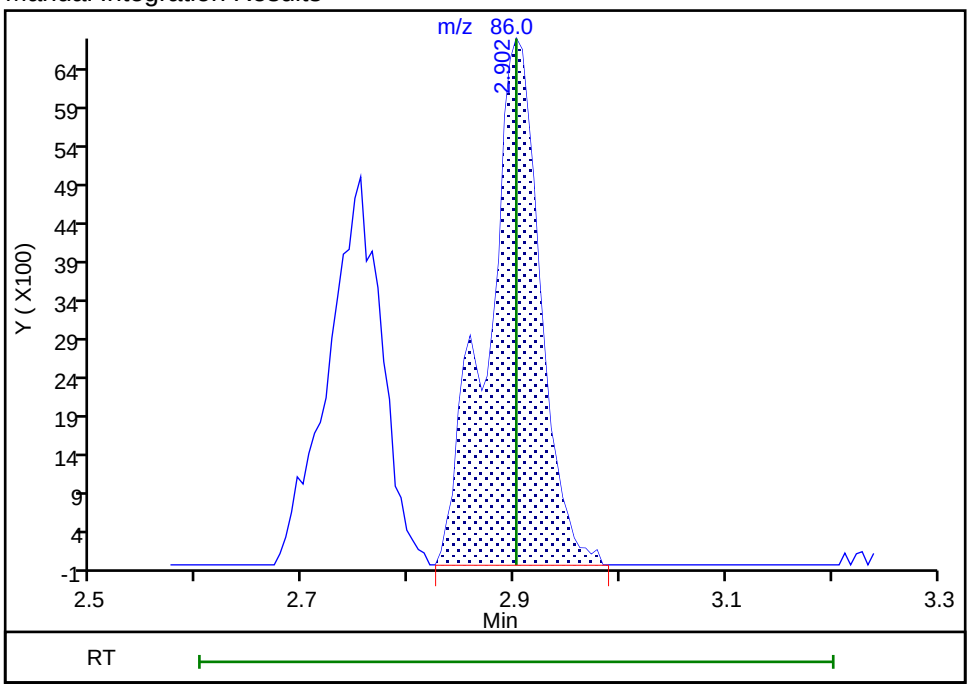
Processing Integration Results

RT: 2.90
Area: 19690
Amount: 20.514363
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 23604
Amount: 24.598302
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:46:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

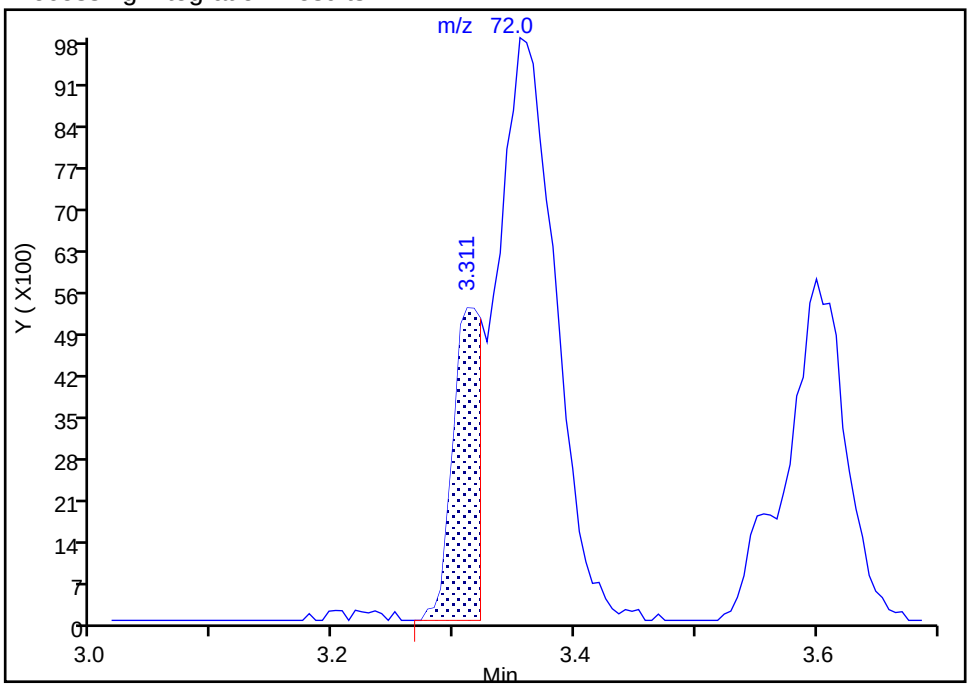
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

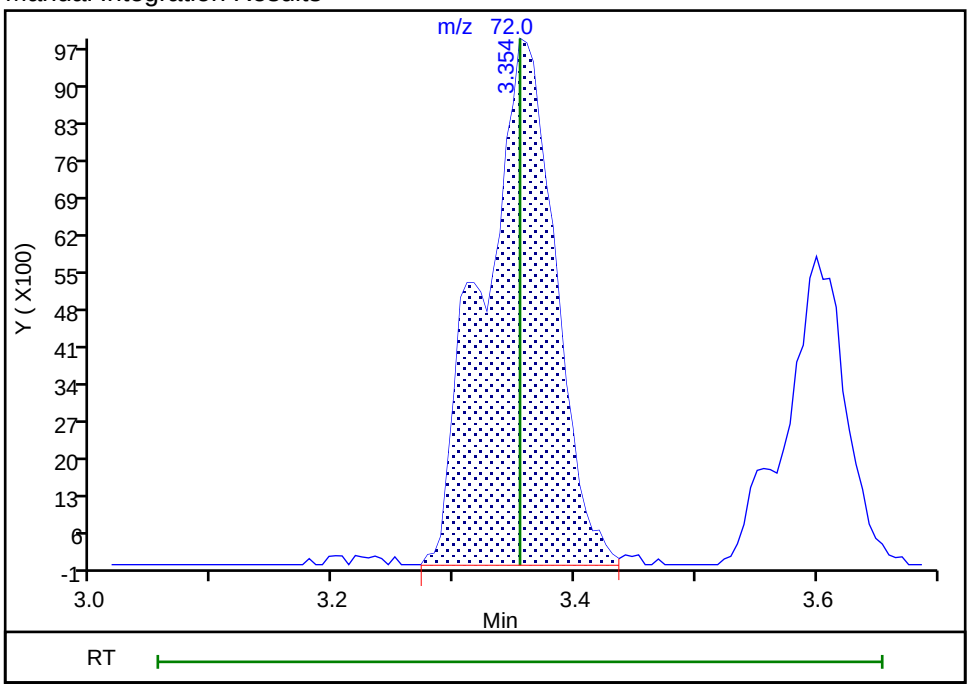
Processing Integration Results

RT: 3.31
Area: 8757
Amount: 23.169538
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 41384
Amount: 89.096851
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:46:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

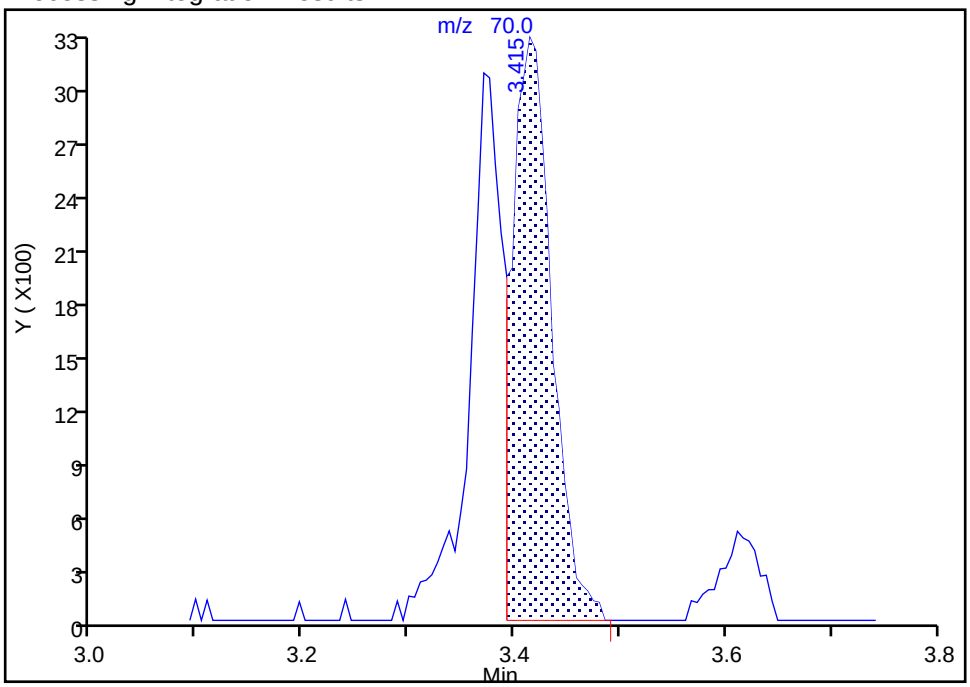
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

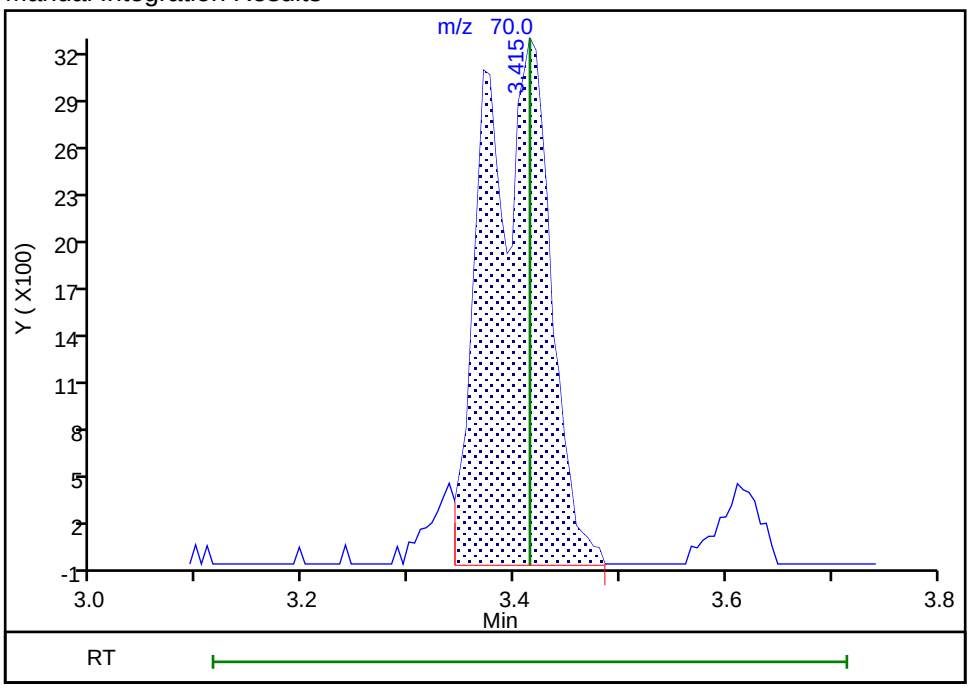
Processing Integration Results

RT: 3.41
Area: 8587
Amount: 21.355224
Amount Units: ug/l



Manual Integration Results

RT: 3.41
Area: 14132
Amount: 35.145222
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:46:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

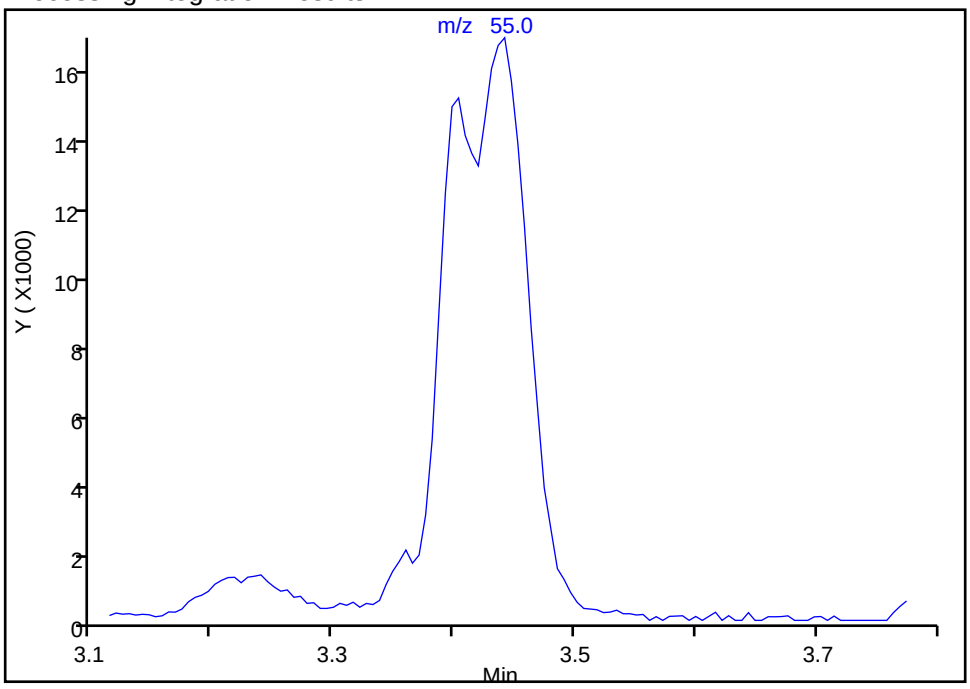
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

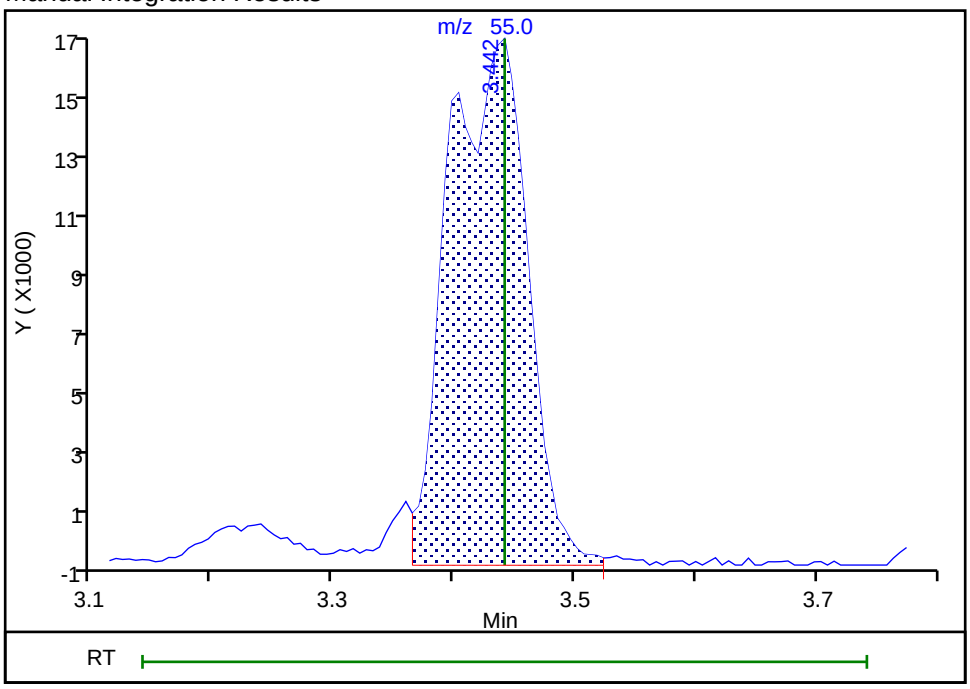
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.44
Area: 76319
Amount: 21.397393
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:47:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

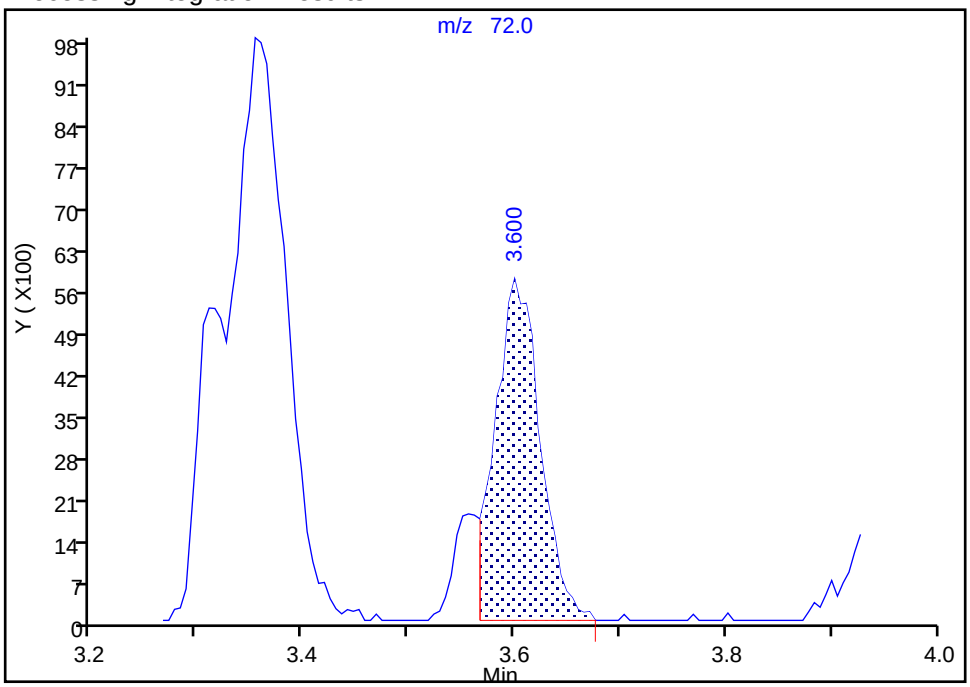
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

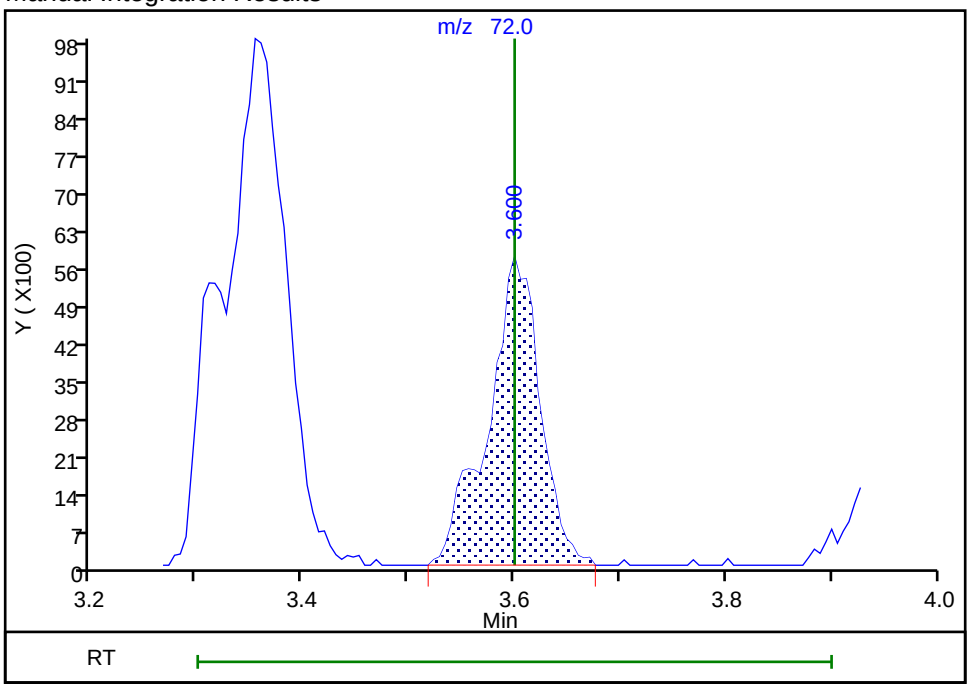
Processing Integration Results

RT: 3.60
Area: 17169
Amount: 33.318994
Amount Units: ug/l



Manual Integration Results

RT: 3.60
Area: 19833
Amount: 38.488881
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:47:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

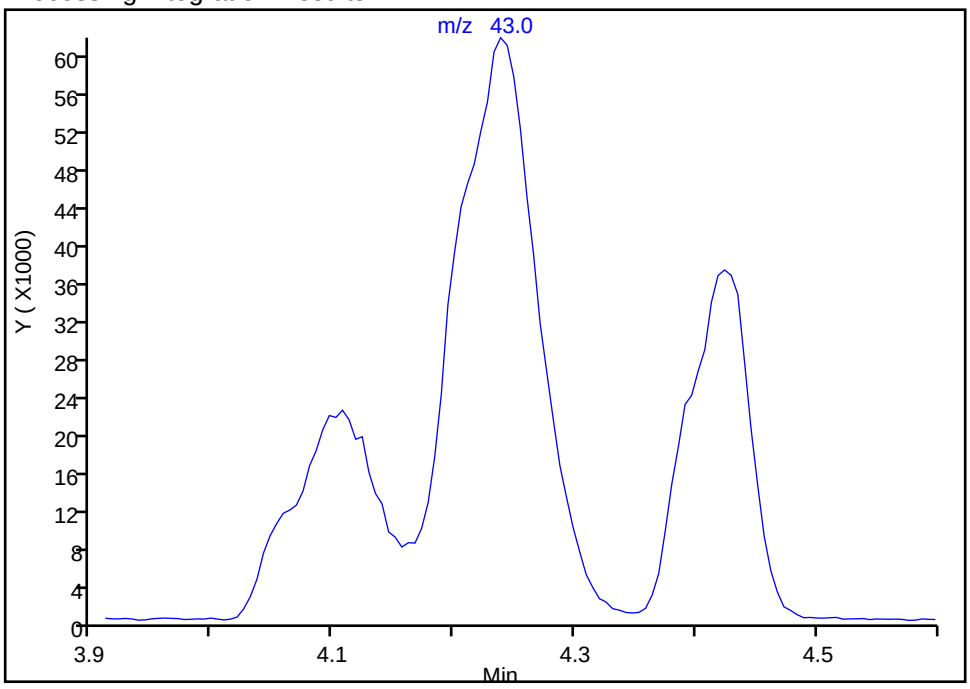
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

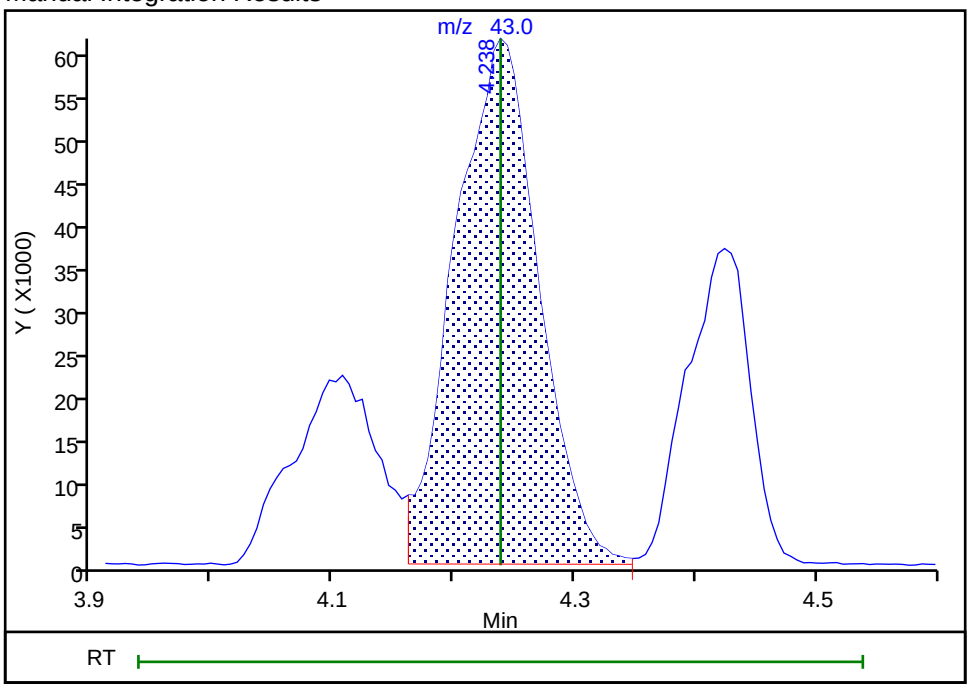
Not Detected
Expected RT: 4.24

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 296180
Amount: 21.938668
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:47:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

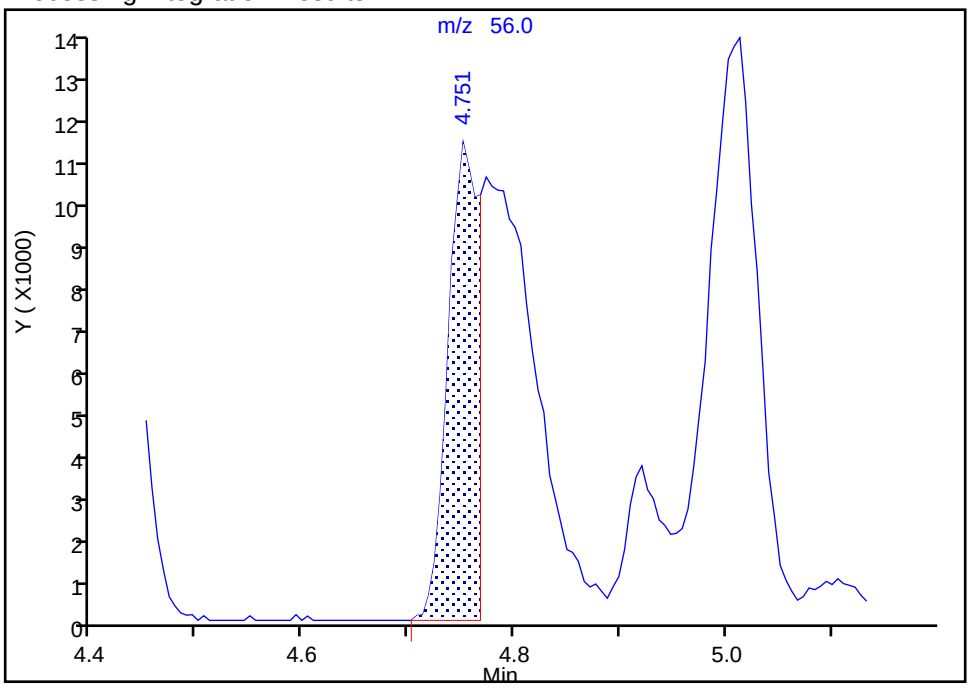
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

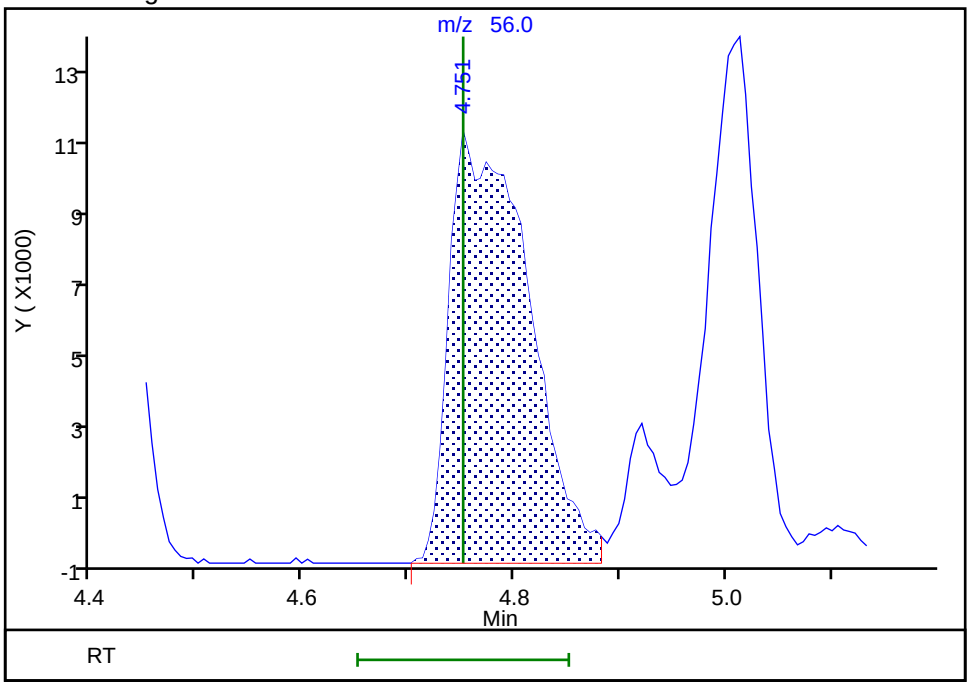
Processing Integration Results

RT: 4.75
Area: 22763
Amount: 135.1847
Amount Units: ug/l



Manual Integration Results

RT: 4.75
Area: 57955
Amount: 342.9385
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:47:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

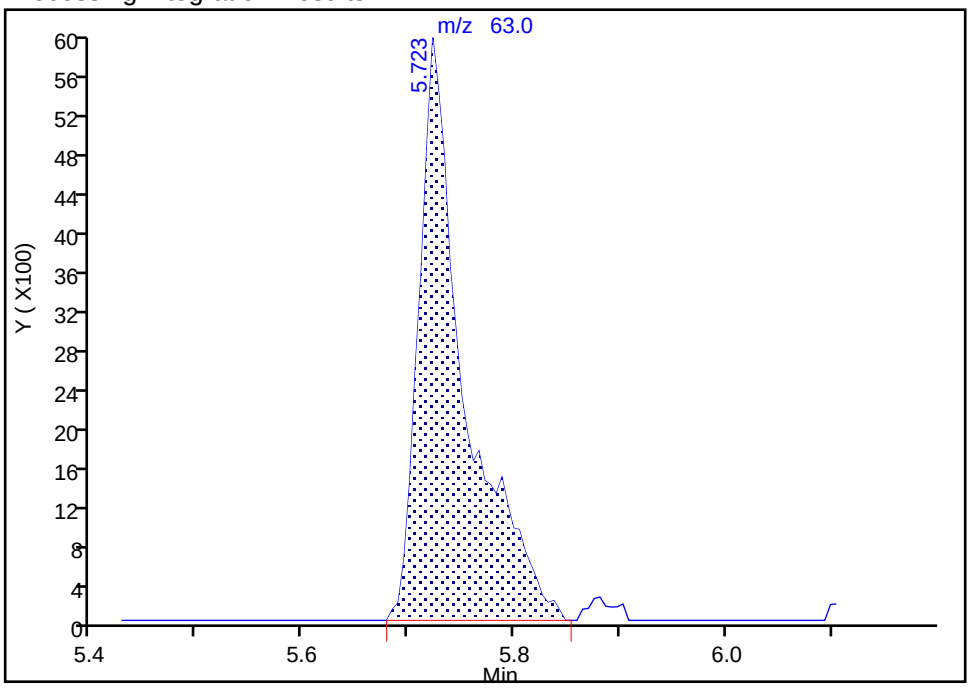
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

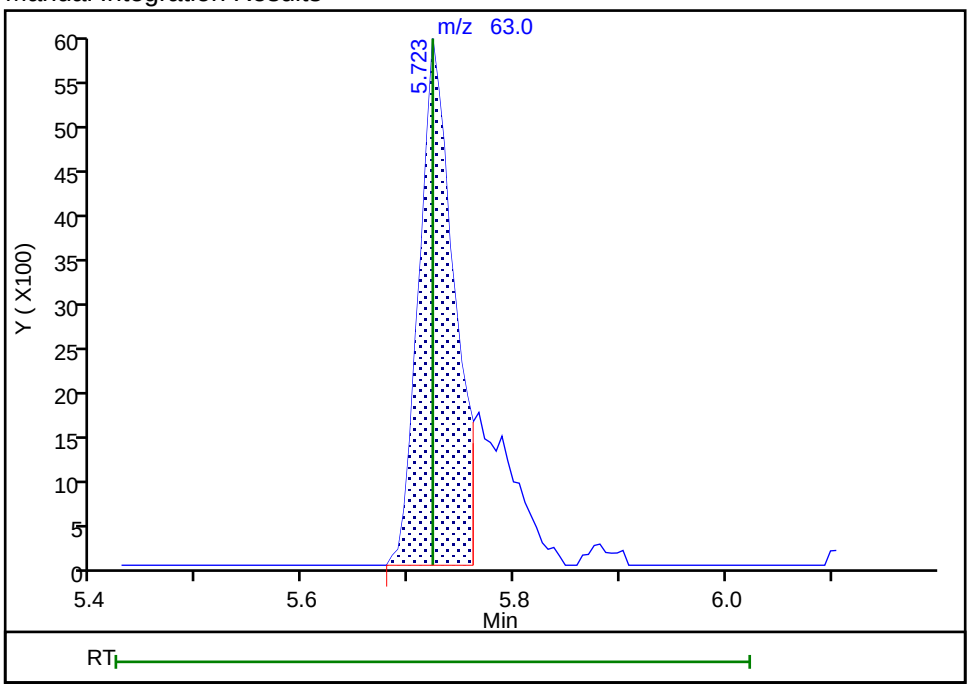
Processing Integration Results

RT: 5.72
Area: 17972
Amount: 31.558132
Amount Units: ug/l



Manual Integration Results

RT: 5.72
Area: 13769
Amount: 24.177828
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:47:57
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

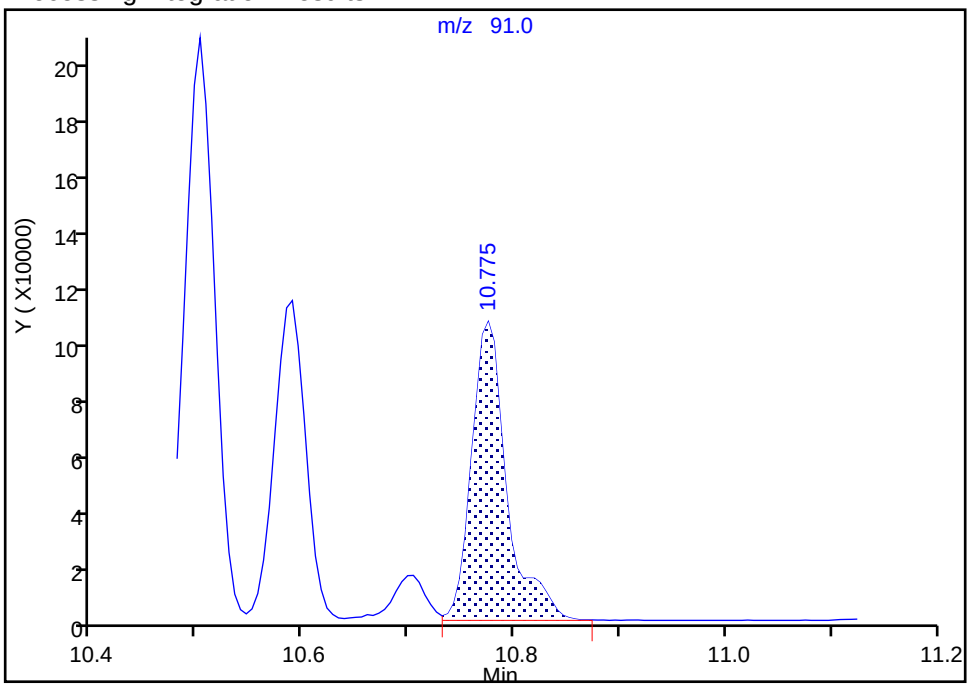
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

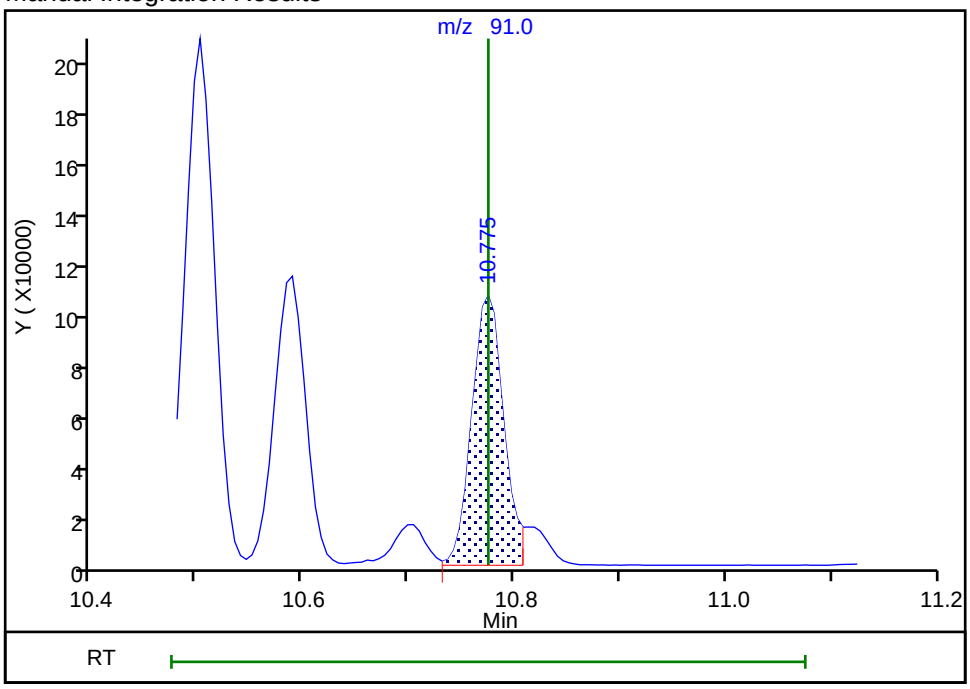
Processing Integration Results

RT: 10.78
Area: 242816
Amount: 22.958447
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 220870
Amount: 20.883435
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:47:46
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

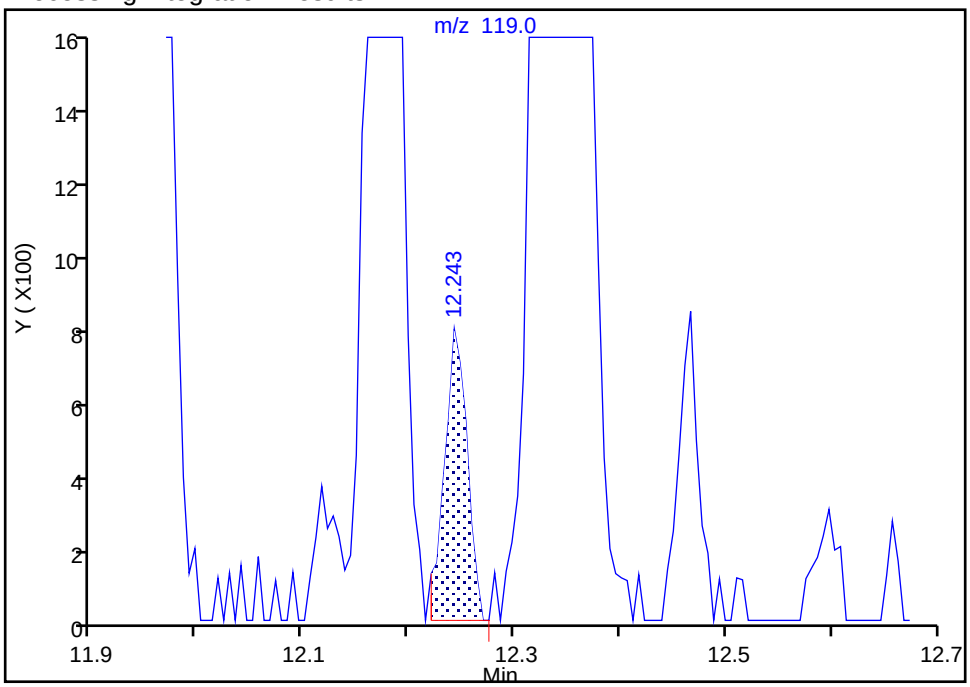
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18573.D
Injection Date: 29-Aug-2020 09:54:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

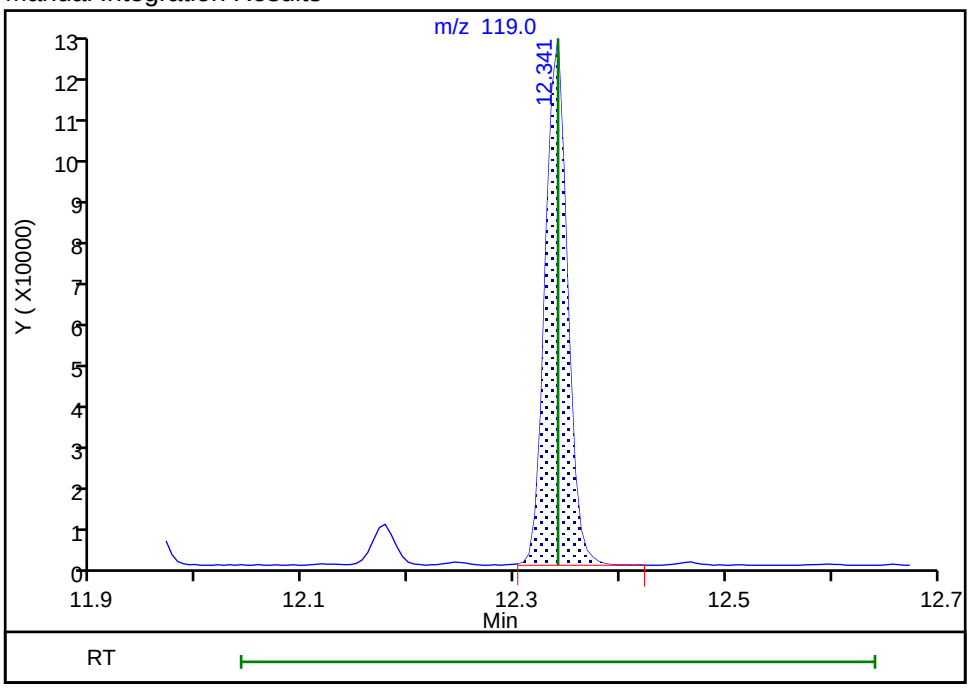
Processing Integration Results

RT: 12.24
Area: 1123
Amount: 0.155278
Amount Units: ug/l



Manual Integration Results

RT: 12.34
Area: 182987
Amount: 25.301786
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:48:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720746/2 Calibration Date: 08/31/2020 04:44

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18626.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5060	0.5990	0.1000	23.7	20.0	18.4	20.0
Chloromethane	Ave	0.7121	0.7420	0.1000	20.8	20.0	4.2	20.0
Butadiene	Ave	0.4429	0.4888		22.1	20.0	10.4	20.0
Vinyl chloride	Ave	0.4906	0.5406	0.1000	22.0	20.0	10.2	20.0
Bromomethane	Ave	0.3372	0.3266	0.1000	19.4	20.0	-3.2	50.0
Chloroethane	Ave	0.2524	0.2642	0.1000	20.9	20.0	4.7	50.0
Dichlorofluoromethane	Ave	0.6261	0.6735		21.5	20.0	7.6	20.0
Pentane	Ave	1.367	1.543		45.1	40.0	12.9	20.0
Trichlorofluoromethane	Ave	0.4734	0.5371	0.1000	22.7	20.0	13.4	20.0
Ethyl ether	Ave	0.2559	0.2712		21.2	20.0	6.0	20.0
2-Methyl-1,3-butadiene	Ave	0.3032	0.3577		23.6	20.0	18.0	20.0
Ethanol	Ave	0.0662	0.0627		758	800	-5.3	50.0
Acrolein	Ave	1.254	1.251		299	300	-0.3	50.0
1,1-Dichloroethene	Ave	0.2971	0.3379	0.1000	22.7	20.0	13.7	20.0
Acetone	Ave	1.064	0.999	0.0500	93.9	100	-6.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3016	0.3855	0.1000	25.6	20.0	27.8*	20.0
Iodomethane	Ave	0.6377	0.6592		20.7	20.0	3.4	20.0
Isopropyl alcohol	QuaF		0.8361		155	200	-22.7	50.0
Carbon disulfide	Ave	1.325	1.463	0.1000	22.1	20.0	10.4	50.0
Allyl chloride	Ave	0.4730	0.5243		22.2	20.0	10.9	20.0
Methyl acetate	Ave	7.454	5.859	0.1000	31.4	40.0	-21.4*	20.0
Acetonitrile	Ave	0.8780	0.7043		160	200	-19.8	20.0
Cyclopentene	Ave	0.8584	1.000		23.3	20.0	16.5	20.0
Methylene Chloride	Ave	0.4479	0.4174	0.1000	18.6	20.0	-6.8	20.0
2-Methyl-2-propanol	Ave	1.478	1.178		159	200	-20.3	50.0
Acrylonitrile	Ave	0.1351	0.1344		199	200	-0.5	20.0
trans-1,2-Dichloroethene	Ave	0.3365	0.3641	0.1000	21.6	20.0	8.2	20.0
Methyl tert-butyl ether	Ave	0.9018	0.9430	0.1000	20.9	20.0	4.6	20.0
Hexane	Ave	0.3091	0.3571		23.1	20.0	15.5	20.0
1,1-Dichloroethane	Ave	0.6582	0.7124	0.2000	21.6	20.0	8.2	20.0
Vinyl acetate	QuaF		1.286		23.5	40.0	-41.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.3083	0.3333		21.6	20.0	8.1	20.0
Isopropyl ether	Ave	1.204	1.297		21.5	20.0	7.7	20.0
Tert-butyl ethyl ether	Ave	1.074	1.223		22.8	20.0	13.8	20.0
cis-1,2-Dichloroethene	Ave	0.4011	0.4042	0.1000	20.2	20.0	0.8	20.0
2-Butanone (MEK)	Ave	0.3718	0.3285	0.0500	88.3	100	-11.7	50.0
2,2-Dichloropropane	Ave	0.1651	0.1777		21.5	20.0	7.7	20.0
Ethyl acetate	Ave	0.3219	0.2799		34.8	40.0	-13.0	20.0
Propionitrile	Ave	1.597	1.215		152	200	-23.9*	20.0
Methyl acrylate	QuaF		0.3460		20.2	20.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720746/2 Calibration Date: 08/31/2020 04:44

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18626.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methacrylonitrile	Ave	0.1347	0.1242		184	200	-7.8	20.0
Chlorobromomethane	Ave	0.1920	0.1879		19.6	20.0	-2.2	20.0
Tetrahydrofuran	Ave	0.4125	0.3810		36.9	40.0	-7.6	20.0
Chloroform	Ave	0.6260	0.6429	0.2000	20.5	20.0	2.7	20.0
1,1,1-Trichloroethane	Ave	0.5014	0.5543	0.1000	22.1	20.0	10.6	20.0
Cyclohexane	Ave	0.5042	0.6011	0.1000	23.8	20.0	19.2	50.0
1,1-Dichloropropene	Ave	0.4624	0.4641		20.1	20.0	0.4	20.0
Carbon tetrachloride	Ave	0.4273	0.4722	0.1000	22.1	20.0	10.5	20.0
Isobutyl alcohol	QuaF		0.1132		323	500	-35.4*	20.0
Benzene	Ave	2.007	1.970	0.5000	19.6	20.0	-1.8	20.0
1,2-Dichloroethane	Ave	0.4441	0.4195	0.1000	18.9	20.0	-5.5	20.0
2,2,4-Trimethylpentane	Ave	1.311	1.671		25.5	20.0	27.5*	20.0
Isopropyl acetate	Ave	1.297	1.339		20.6	20.0	3.2	20.0
Tert-amyl methyl ether	Ave	0.2882	0.2825		19.6	20.0	-2.0	20.0
n-Heptane	Ave	0.6301	0.3885		12.3	20.0	-38.3*	20.0
n-Butanol	QuaF		0.2284		296	500	-40.7	50.0
Trichloroethene	Ave	0.3197	0.3082	0.2000	19.3	20.0	-3.6	20.0
Ethyl acrylate	Ave	0.0494	0.0407		16.5	20.0	-17.6	20.0
Methylcyclohexane	Ave	0.5949	0.7003	0.1000	23.5	20.0	17.7	50.0
1,2-Dichloropropane	Ave	0.3436	0.3240	0.1000	18.9	20.0	-5.7	20.0
Dibromomethane	Ave	0.2008	0.1877		18.7	20.0	-6.5	20.0
Methyl methacrylate	Ave	0.1811	0.1680		37.1	40.0	-7.2	20.0
1,4-Dioxane	Lin2		1.314		383	400	-4.4	50.0
n-Propyl acetate	Ave	0.4173	0.3616		17.3	20.0	-13.3	20.0
Dichlorobromomethane	Ave	0.4197	0.3831	0.2000	18.3	20.0	-8.7	20.0
2-Nitropropane	Lin2		0.0545		29.6	40.0	-26.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.0547	0.0738		27.0	20.0	34.9*	20.0
Epichlorohydrin	Ave	0.2620	0.2419		369	400	-7.6	20.0
cis-1,3-Dichloropropene	Ave	0.6575	0.6126	0.2000	18.6	20.0	-6.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.897	2.734	0.0500	94.4	100	-5.6	50.0
Toluene	Ave	1.772	1.707	0.4000	19.3	20.0	-3.7	20.0
trans-1,3-Dichloropropene	Ave	0.5350	0.4887	0.1000	18.3	20.0	-8.7	50.0
Ethyl methacrylate	Ave	0.4918	0.4408		17.9	20.0	-10.4	20.0
1,1,2-Trichloroethane	Ave	0.2918	0.2745	0.1000	18.8	20.0	-5.9	20.0
Tetrachloroethene	Ave	0.4103	0.4205	0.2000	20.5	20.0	2.5	20.0
1,3-Dichloropropane	Ave	0.5550	0.5343		19.3	20.0	-3.7	20.0
2-Hexanone	Ave	1.669	1.587	0.0500	95.1	100	-4.9	50.0
Chlorodibromomethane	Ave	0.3974	0.3486	0.1000	17.5	20.0	-12.3	50.0
n-Butyl acetate	Ave	0.6361	0.5632		17.7	20.0	-11.5	20.0
Ethylene Dibromide	Ave	0.3332	0.3159	0.1000	19.0	20.0	-5.2	20.0
Chlorobenzene	Ave	1.071	1.020	0.5000	19.1	20.0	-4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720746/2 Calibration Date: 08/31/2020 04:44

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18626.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.4846	0.4446		18.3	20.0	-8.3	20.0
Ethylbenzene	Ave	0.5923	0.5687	0.1000	19.2	20.0	-4.0	20.0
m-Xylene & p-Xylene	Ave	0.7419	0.6988	0.1000	18.8	20.0	-5.8	20.0
o-Xylene	Ave	0.7915	0.7385	0.3000	18.7	20.0	-6.7	20.0
Styrene	Ave	1.148	1.096	0.3000	19.1	20.0	-4.5	20.0
n-Butyl acrylate	Ave	0.3084	0.2831		18.4	20.0	-8.2	20.0
Bromoform	Ave	0.2700	0.2300	0.1000	17.0	20.0	-14.8	20.0
Amyl acetate (mixed isomers)	Ave	1.375	1.175		17.1	20.0	-14.5	20.0
Isopropylbenzene	Ave	2.035	2.058	0.1000	20.2	20.0	1.2	20.0
Bromobenzene	Ave	0.8598	0.7818		18.2	20.0	-9.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9833	0.8592	0.3000	17.5	20.0	-12.6	20.0
1,2,3-Trichloropropane	Ave	0.2400	0.2103		17.5	20.0	-12.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.1990		18.4	20.0	-7.9	20.0
N-Propylbenzene	Ave	4.224	4.216		20.0	20.0	-0.2	20.0
2-Chlorotoluene	Ave	2.588	2.458		19.0	20.0	-5.0	20.0
4-Ethyltoluene	Ave	3.313	3.355		20.3	20.0	1.3	20.0
4-Chlorotoluene	Ave	2.483	2.523		20.3	20.0	1.6	20.0
1,3,5-Trimethylbenzene	Ave	3.189	3.074		19.3	20.0	-3.6	20.0
Butyl Methacrylate	Ave	1.012	0.8588		17.0	20.0	-15.1	20.0
tert-Butylbenzene	QuaF		2.391		15.4	20.0	-23.2*	20.0
1,2,4-Trimethylbenzene	Ave	3.262	3.112		19.1	20.0	-4.6	20.0
sec-Butylbenzene	Ave	4.000	4.047		20.2	20.0	1.2	20.0
1,3-Dichlorobenzene	Ave	1.601	1.566	0.6000	19.6	20.0	-2.2	20.0
1,4-Dichlorobenzene	Ave	1.588	1.562	0.5000	19.7	20.0	-1.7	20.0
4-Isopropyltoluene	Ave	3.376	3.378		20.0	20.0	0.0	20.0
1,2,3-Trimethylbenzene	Ave	3.387	3.264		19.3	20.0	-3.6	20.0
Benzyl chloride	Ave	1.398	1.277		18.3	20.0	-8.6	50.0
Indan	Ave	3.109	2.971		19.1	20.0	-4.4	20.0
1,2-Dichlorobenzene	Ave	1.743	1.643	0.4000	18.8	20.0	-5.8	20.0
p-Diethylbenzene	Ave	1.698	1.831		21.6	20.0	7.8	20.0
n-Butylbenzene	Ave	1.753	1.950		22.2	20.0	11.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2293	0.1984	0.0500	17.3	20.0	-13.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.440	3.496		20.3	20.0	1.6	20.0
1,3,5-Trichlorobenzene	Ave	1.480	1.613		21.8	20.0	9.0	20.0
1,2,4-Trichlorobenzene	Ave	1.520	1.536	0.2000	20.2	20.0	1.1	20.0
Hexachlorobutadiene	Ave	0.7620	0.7856		20.6	20.0	3.1	20.0
Naphthalene	Lin2		3.355		17.7	20.0	-11.5	50.0
1,2,3-Trichlorobenzene	Ave	1.637	1.570		19.2	20.0	-4.1	20.0
Dibromofluoromethane (Surr)	Ave	0.3403	0.3622		53.2	50.0	6.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3506	0.3712		52.9	50.0	5.9	20.0
Toluene-d8 (Surr)	Ave	1.579	1.597		50.5	50.0	1.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720746/2 Calibration Date: 08/31/2020 04:44

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18626.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.4722	0.5000		52.9	50.0	5.9	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 31-Aug-2020 04:44:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0116031-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub45

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:49:14 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:49:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.139	1.139	0.000	74	121937	20.0	23.7	
6 Chloromethane	50	1.254	1.254	0.000	99	151065	20.0	20.8	
7 Butadiene	54	1.287	1.287	0.000	94	99503	20.0	22.1	
8 Vinyl chloride	62	1.319	1.319	0.000	98	110060	20.0	22.0	
9 Bromomethane	94	1.494	1.494	0.000	99	66482	20.0	19.4	
10 Chloroethane	64	1.527	1.527	0.000	100	53782	20.0	20.9	
11 Dichlorofluoromethane	67	1.674	1.674	0.000	99	137108	20.0	21.5	
13 Pentane	72	1.707	1.707	0.000	96	26132	40.0	45.1	
12 Trichlorofluoromethane	101	1.723	1.723	0.000	46	109337	20.0	22.7	
15 Ethyl ether	59	1.843	1.843	0.000	93	55220	20.0	21.2	
16 2-Methyl-1,3-butadiene	53	1.860	1.860	0.000	91	72826	20.0	23.6	M
14 Ethanol	46	1.876	1.876	0.000	67	21252	800.0	757.7	a
19 Acrolein	56	1.930	1.930	0.000	95	158876	300.0	299.2	
21 1,1-Dichloroethene	96	2.007	2.007	0.000	97	68799	20.0	22.7	
22 Acetone	43	2.034	2.034	0.000	86	112230	100.0	93.9	
20 112TCTFE	101	2.045	2.045	0.000	88	78474	20.0	25.6	
23 Iodomethane	142	2.121	2.121	0.000	98	134197	20.0	20.7	
24 Isopropyl alcohol	45	2.149	2.149	0.000	94	70809	200.0	154.7	
25 Carbon disulfide	76	2.176	2.176	0.000	100	297848	20.0	22.1	M
26 3-Chloro-1-propene	39	2.247	2.247	0.000	86	106746	20.0	22.2	a
27 Methyl acetate	43	2.252	2.252	0.000	99	99243	40.0	31.4	
29 Acetonitrile	41	2.302	2.302	0.000	29	59650	200.0	160.4	Ma
28 Cyclopentene	67	2.307	2.307	0.000	93	203615	20.0	23.3	
31 Methylene Chloride	84	2.334	2.334	0.000	97	84981	20.0	18.6	
* 30 TBA-d9 (IS)	65	2.400	2.400	0.000	95	423449	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.449	2.449	0.000	91	99736	200.0	159.4	a
35 Acrylonitrile	53	2.503	2.503	0.000	94	273693	200.0	199.0	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	98	74116	20.0	21.6	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	97	191977	20.0	20.9	
36 Hexane	43	2.733	2.733	0.000	93	72706	20.0	23.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.847	2.847	0.000	99	145038	20.0	21.6	
39 Vinyl acetate	86	2.885	2.885	0.000	100	21788	40.0	23.5	
37 Isopropyl ether	45	2.924	2.924	0.000	92	264129	20.0	21.5	
40 2-Chloro-1,3-butadiene	88	2.924	2.924	0.000	87	67853	20.0	21.6	
41 Tert-butyl ethyl ether	59	3.218	3.218	0.000	95	248930	20.0	22.8	
* 42 2-Butanone-d5	46	3.284	3.284	0.000	91	280950	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.322	3.322	0.000	94	82285	20.0	20.2	
46 2-Butanone (MEK)	72	3.333	3.333	0.000	99	36912	100.0	88.3	
43 2,2-Dichloropropane	79	3.344	3.344	0.000	84	36180	20.0	21.5	
45 Ethyl acetate	70	3.382	3.382	0.000	98	12583	40.0	34.8	
48 Propionitrile	54	3.387	3.387	0.000	98	102911	200.0	152.1	a
47 Methyl acrylate	55	3.415	3.415	0.000	99	70437	20.0	20.2	a
51 Methacrylonitrile	67	3.513	3.513	0.000	94	252743	200.0	184.3	
50 Chlorobromomethane	128	3.529	3.529	0.000	95	38249	20.0	19.6	
49 Tetrahydrofuran	72	3.578	3.578	0.000	84	17125	40.0	36.9	
52 Chloroform	83	3.606	3.606	0.000	98	130879	20.0	20.5	
$ 55 Dibromofluoromethane (Surr)	113	3.747	3.747	0.000	97	184365	50.0	53.2	
54 1,1,1-Trichloroethane	97	3.780	3.780	0.000	99	112849	20.0	22.1	
53 Cyclohexane	84	3.846	3.846	0.000	93	122365	20.0	23.8	
57 1,1-Dichloropropene	75	3.922	3.922	0.000	96	94481	20.0	20.1	
56 Carbon tetrachloride	117	3.938	3.938	0.000	98	96127	20.0	22.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.058	4.058	0.000	0	188918	50.0	52.9	
58 Isobutyl alcohol	74	4.113	4.113	0.000	78	23975	500.0	322.9	a
60 Benzene	78	4.118	4.118	0.000	94	276602	20.0	19.6	
64 1,2-Dichloroethane	62	4.135	4.135	0.000	97	85395	20.0	18.9	
59 Isooctane	57	4.217	4.217	0.000	92	340174	20.0	25.5	
62 Isopropyl acetate	43	4.217	4.217	0.000	82	272584	20.0	20.6	a
63 Tert-amyl methyl ether	87	4.260	4.260	0.000	91	57501	20.0	19.6	
* 66 Fluorobenzene	96	4.397	4.397	0.000	99	508945	50.0	50.0	
65 n-Heptane	57	4.402	4.402	0.000	95	79093	20.0	12.3	
68 n-Butanol	56	4.757	4.757	0.000	91	48365	500.0	296.5	
69 Trichloroethene	95	4.779	4.779	0.000	98	62733	20.0	19.3	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	8284	20.0	16.5	
71 Methylcyclohexane	83	5.002	5.002	0.000	95	142566	20.0	23.5	
72 1,2-Dichloropropane	63	5.019	5.019	0.000	82	65962	20.0	18.9	
* 73 1,4-Dioxane-d8	96	5.133	5.133	0.000	49	34111	1000.0	1000.0	
77 Dibromomethane	93	5.150	5.150	0.000	97	38217	20.0	18.7	
74 Methyl methacrylate	69	5.182	5.182	0.000	92	68413	40.0	37.1	
75 1,4-Dioxane	88	5.193	5.193	0.000	31	17932	400.0	382.5	
76 n-Propyl acetate	43	5.270	5.270	0.000	98	73609	20.0	17.3	
78 Dichlorobromomethane	83	5.341	5.341	0.000	99	77984	20.0	18.3	
79 2-Nitropropane	41	5.614	5.614	0.000	98	22182	40.0	29.6	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	95	15061	20.0	27.0	
80 Epichlorohydrin	57	5.777	5.777	0.000	100	108759	400.0	369.4	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	86006	20.0	18.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.105	6.105	0.000	98	307256	100.0	94.4	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	560371	50.0	50.5	
84 Toluene	91	6.296	6.296	0.000	94	239671	20.0	19.3	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	68607	20.0	18.3	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	61884	20.0	17.9	
87 1,1,2-Trichloroethane	83	6.836	6.836	0.000	95	38533	20.0	18.8	
88 Tetrachloroethene	166	7.016	7.016	0.000	96	59044	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.059	7.059	0.000	95	75022	20.0	19.3	
90 2-Hexanone	43	7.229	7.229	0.000	98	178325	100.0	95.1	
92 Chlorodibromomethane	129	7.360	7.360	0.000	98	48947	20.0	17.5	
91 n-Butyl acetate	43	7.452	7.452	0.000	99	79075	20.0	17.7	
93 Ethylene Dibromide	107	7.496	7.496	0.000	98	44356	20.0	19.0	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	350997	50.0	50.0	
95 Chlorobenzene	112	8.227	8.227	0.000	94	143228	20.0	19.1	
97 1,1,1,2-Tetrachloroethane	131	8.374	8.374	0.000	93	62421	20.0	18.3	
96 Ethylbenzene	106	8.429	8.429	0.000	99	79843	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	98109	20.0	18.8	
100 o-Xylene	106	9.215	9.215	0.000	93	103682	20.0	18.7	
101 Styrene	104	9.242	9.242	0.000	94	153901	20.0	19.1	
99 n-Butyl acrylate	73	9.280	9.280	0.000	96	39741	20.0	18.4	
103 Bromoform	173	9.482	9.482	0.000	97	32292	20.0	17.0	
102 Amyl acetate (mixed isomers)	43	9.673	9.673	0.000	90	94695	20.0	17.1	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	288996	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	175508	50.0	52.9	
106 Bromobenzene	156	10.235	10.235	0.000	98	62982	20.0	18.2	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	98	69213	20.0	17.5	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	16944	20.0	17.5	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	87	16028	20.0	18.4	
108 N-Propylbenzene	91	10.497	10.497	0.000	99	339602	20.0	20.0	
111 2-Chlorotoluene	91	10.584	10.584	0.000	97	198005	20.0	19.0	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	270288	20.0	20.3	
114 4-Chlorotoluene	91	10.770	10.770	0.000	97	203247	20.0	20.3	
113 1,3,5-Trimethylbenzene	105	10.813	10.813	0.000	92	247610	20.0	19.3	
115 Butyl Methacrylate	87	11.081	11.081	0.000	93	69187	20.0	17.0	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	192618	20.0	15.4	
117 1,2,4-Trimethylbenzene	105	11.392	11.392	0.000	98	250662	20.0	19.1	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	326025	20.0	20.2	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	126161	20.0	19.6	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	95	201397	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.845	11.845	0.000	93	125828	20.0	19.7	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	272130	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	262949	20.0	19.3	
124 Benzyl chloride	91	12.036	12.036	0.000	98	102904	20.0	18.3	
125 2,3-Dihydroindene	117	12.156	12.156	0.000	95	239369	20.0	19.1	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	96	132320	20.0	18.8	
126 p-Diethylbenzene	119	12.314	12.314	0.000	92	147497	20.0	21.6	
127 n-Butylbenzene	92	12.341	12.341	0.000	98	157059	20.0	22.2	
130 1,2-Dibromo-3-Chloropropane	157	13.132	13.132	0.000	93	15981	20.0	17.3	
129 1,2,4,5-Tetramethylbenzene	119	13.143	13.143	0.000	98	281670	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	13.351	13.351	0.000	98	129974	20.0	21.8	
132 1,2,4-Trichlorobenzene	180	13.924	13.924	0.000	94	123734	20.0	20.2	
133 Hexachlorobutadiene	225	14.104	14.104	0.000	96	63291	20.0	20.6	
134 Naphthalene	128	14.131	14.131	0.000	99	270253	20.0	17.7	
135 1,2,3-Trichlorobenzene	180	14.349	14.349	0.000	96	126458	20.0	19.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 137 Xylenes, Total	100				0		40.0	37.5	
S 139 Total BTEX	1				0		100.0	95.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 16:49:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D

Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9 Operator ID:

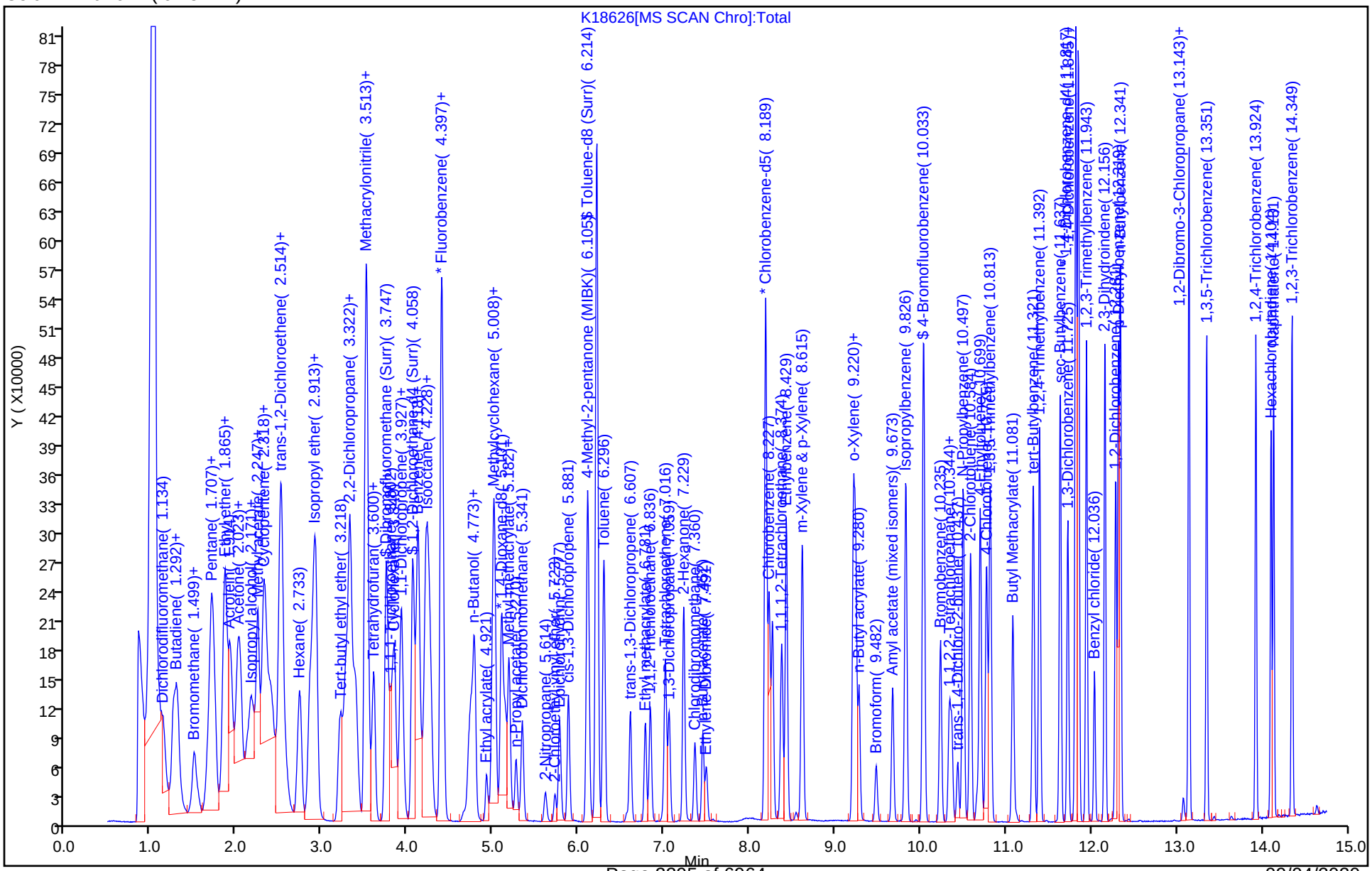
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

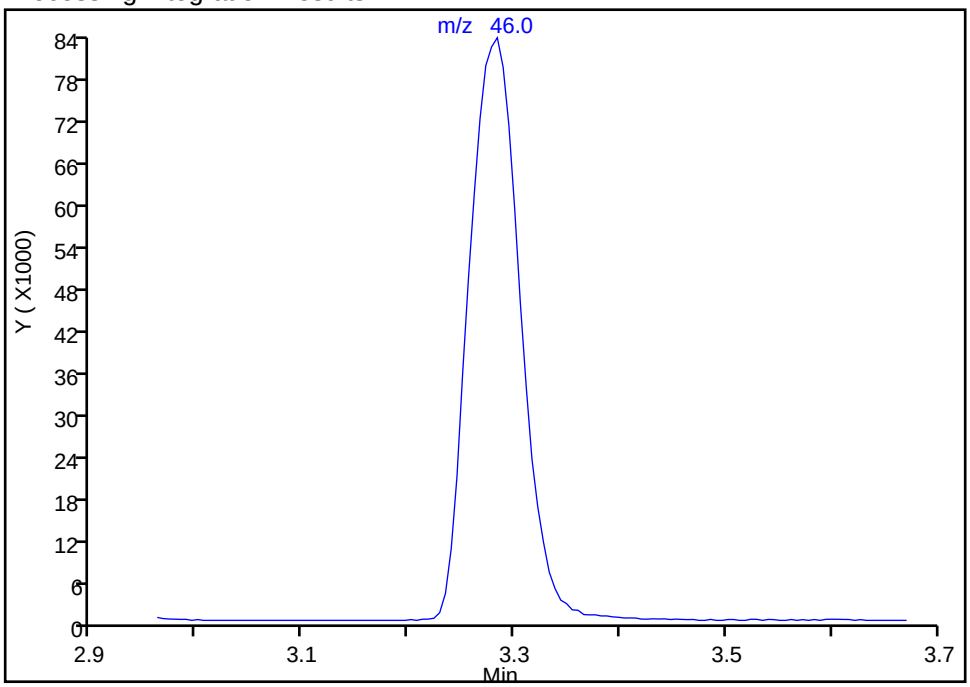
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

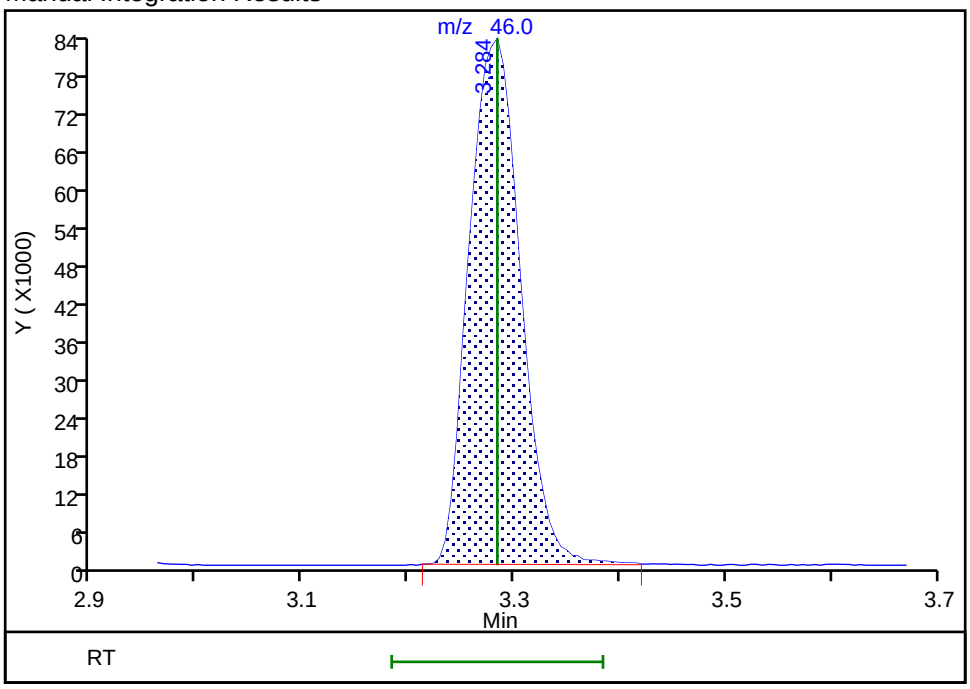
Not Detected
Expected RT: 3.28

Processing Integration Results



Manual Integration Results

RT: 3.28
Area: 280950
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:03:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

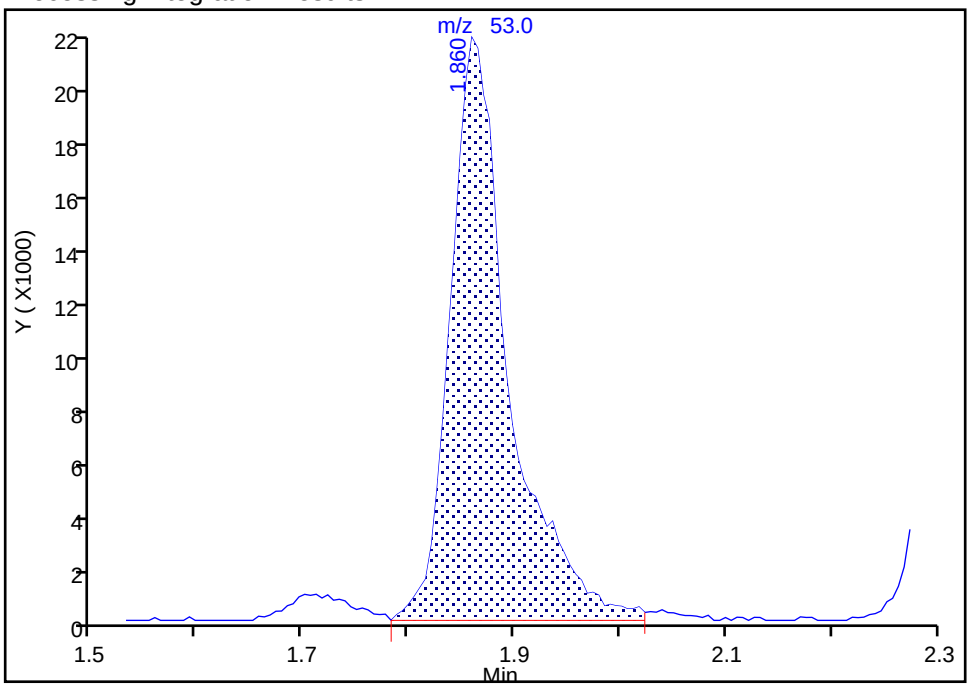
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

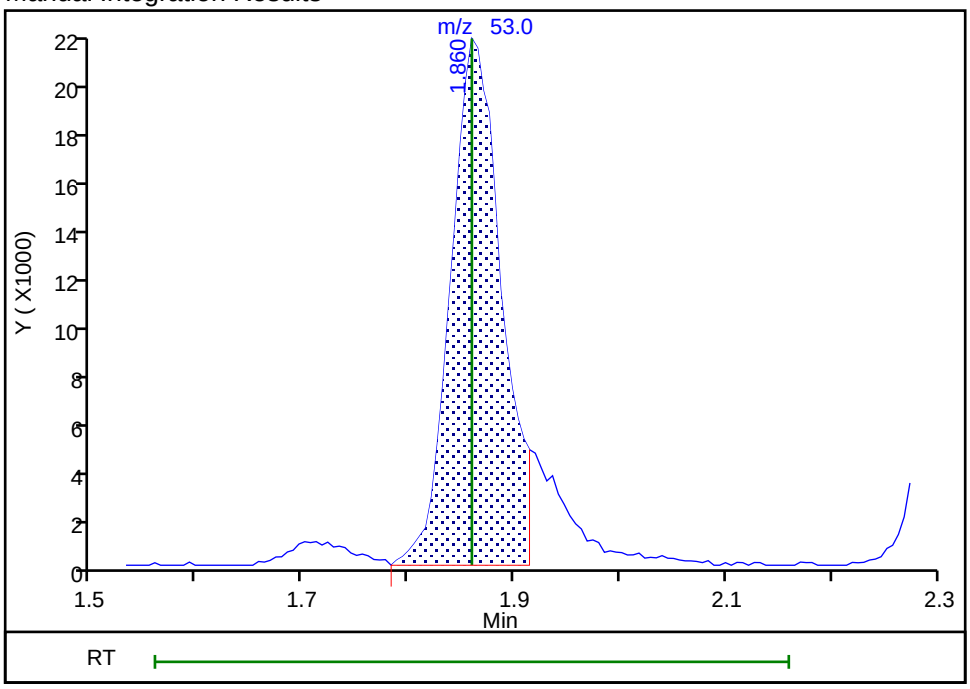
Processing Integration Results

RT: 1.86
Area: 83738
Amount: 27.135571
Amount Units: ug/l



Manual Integration Results

RT: 1.86
Area: 72826
Amount: 23.599502
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 16:48:26
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

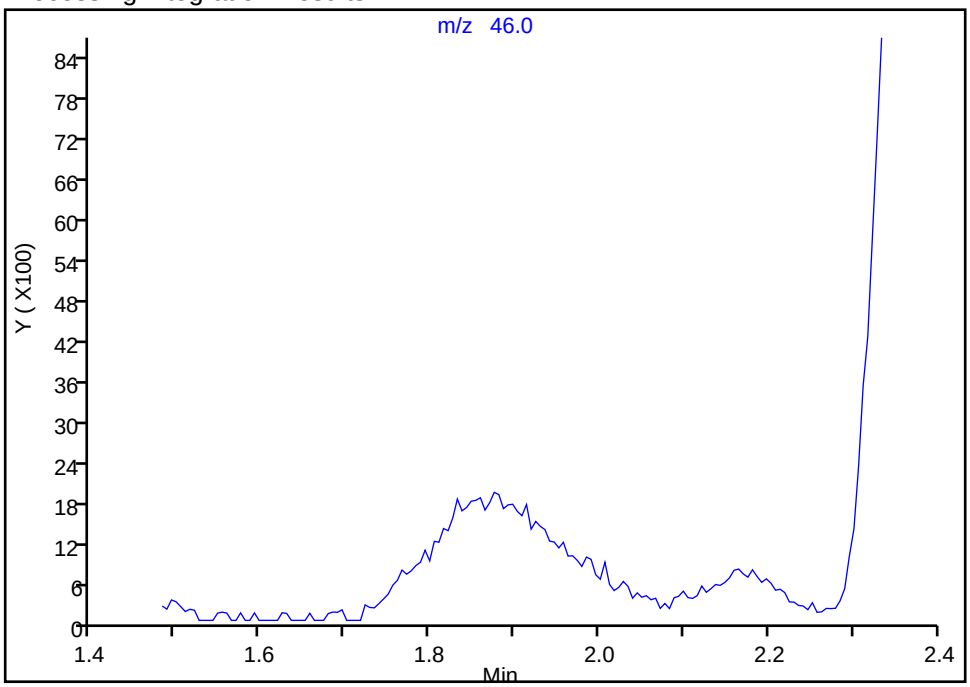
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

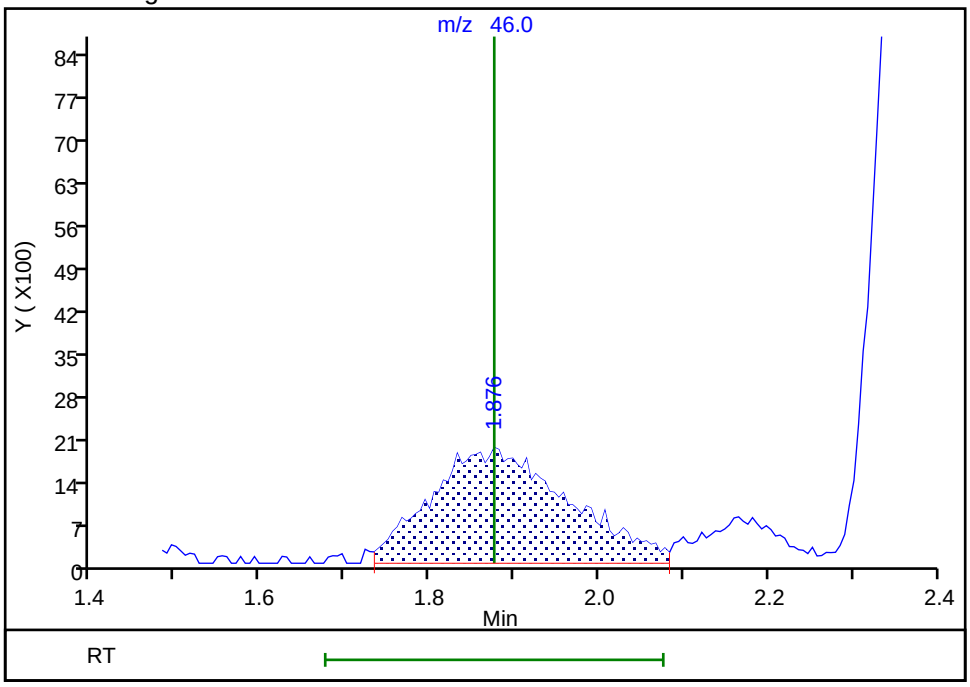
Not Detected
Expected RT: 1.88

Processing Integration Results



Manual Integration Results

RT: 1.88
Area: 21252
Amount: 757.7496
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:03:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

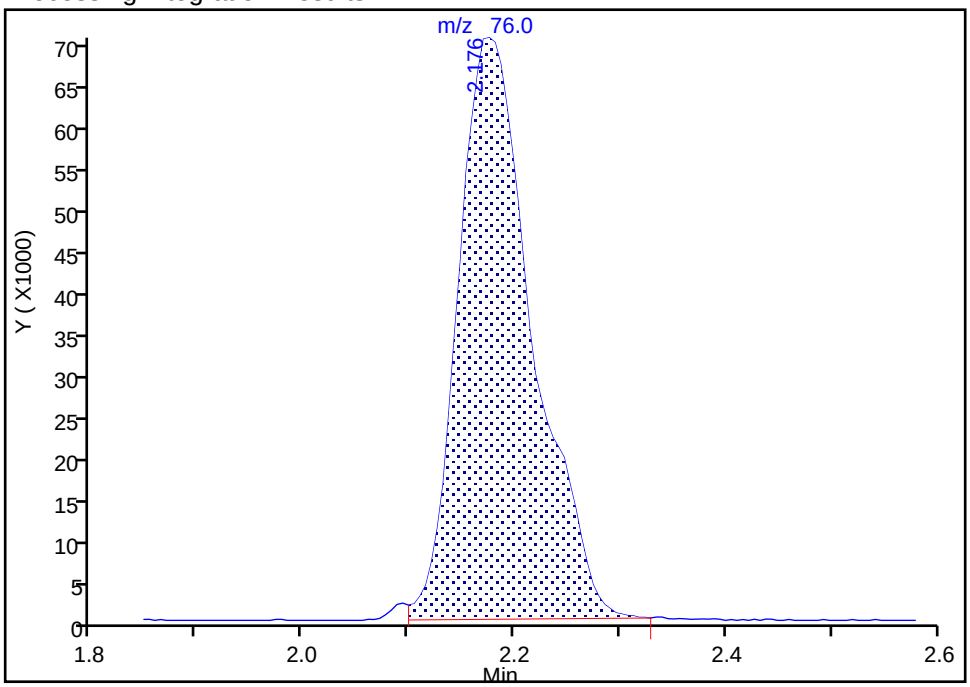
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

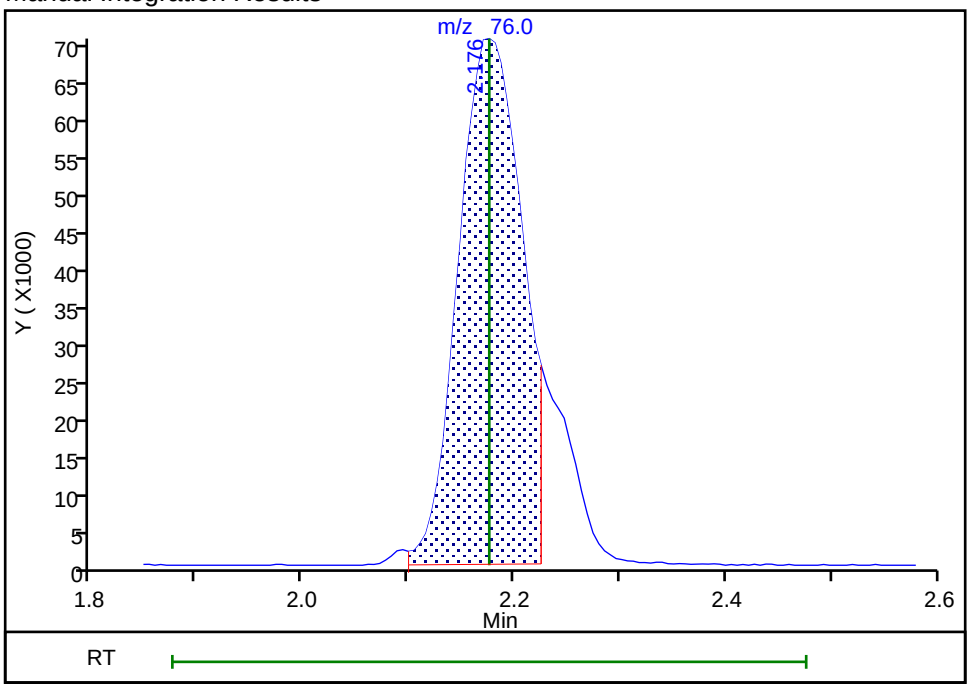
Processing Integration Results

RT: 2.18
Area: 344864
Amount: 25.570667
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 297848
Amount: 22.084567
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 16:48:37
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

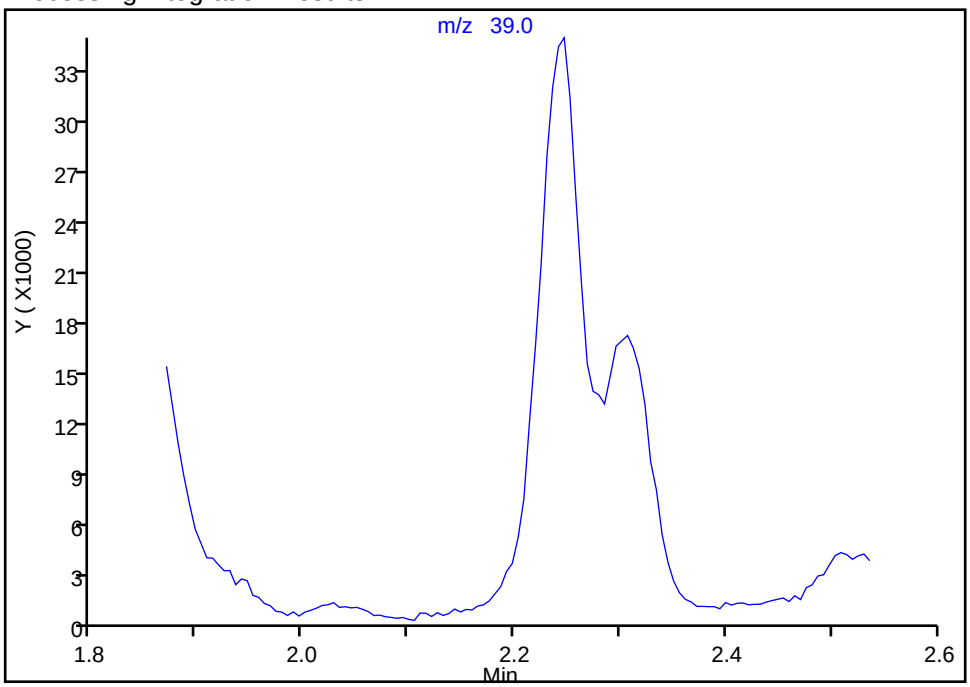
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D		
Injection Date:	31-Aug-2020 04:44:30	Instrument ID:	CVOAMS9
Lims ID:	CCVIS		
Client ID:			
Operator ID:		ALS Bottle#:	1 Worklist Smp#: 2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

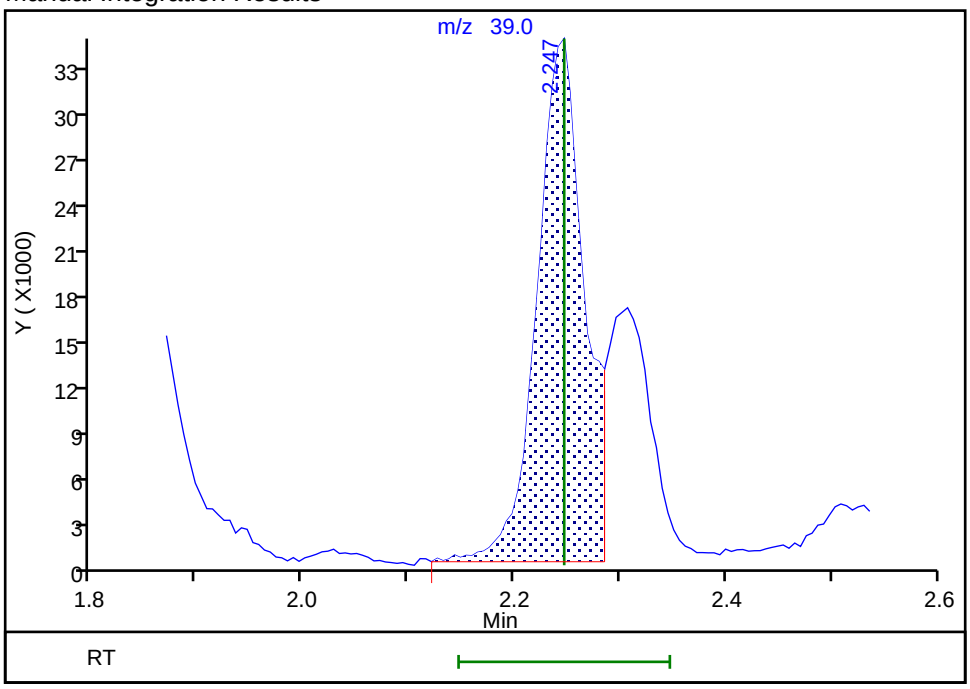
Not Detected
Expected RT: 2.25

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 106746
Amount: 22.172276
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:30:14
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

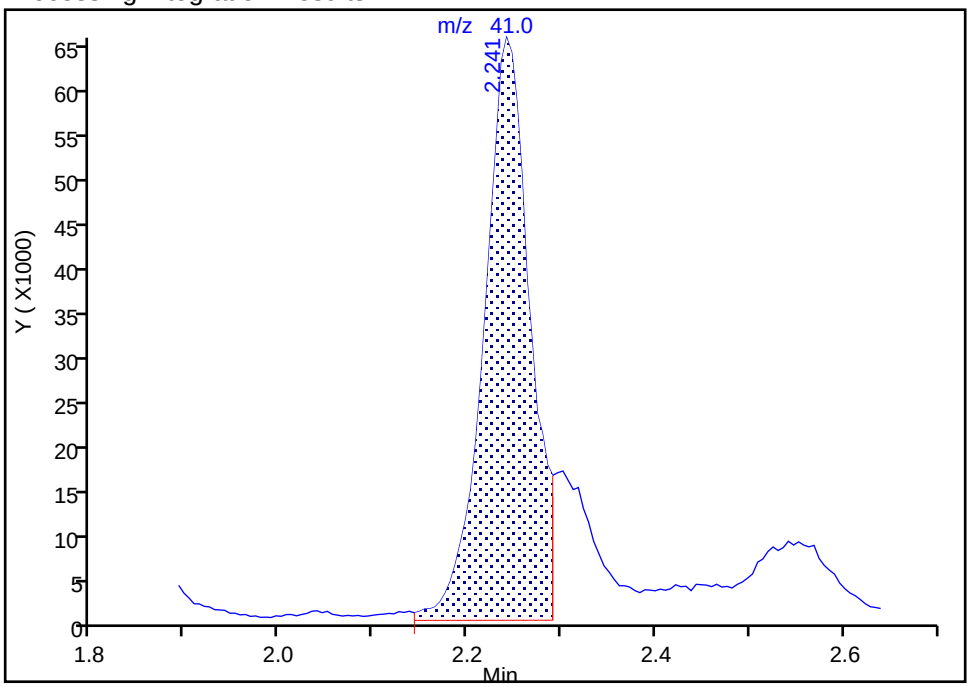
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

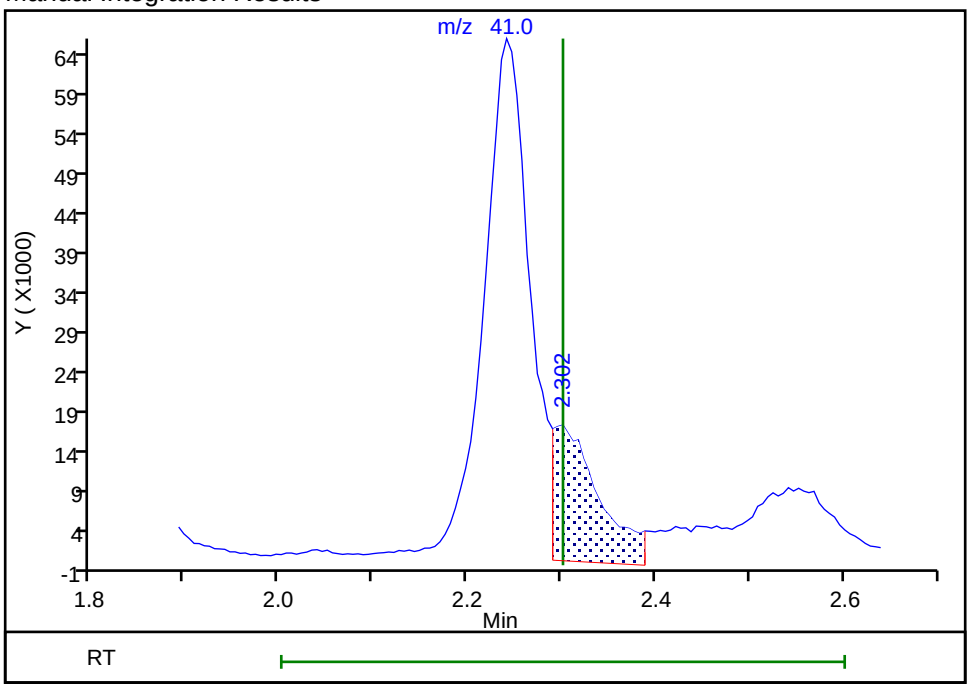
Processing Integration Results

RT: 2.24
Area: 223695
Amount: 601.6999
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 59650
Amount: 160.4479
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:29:59
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

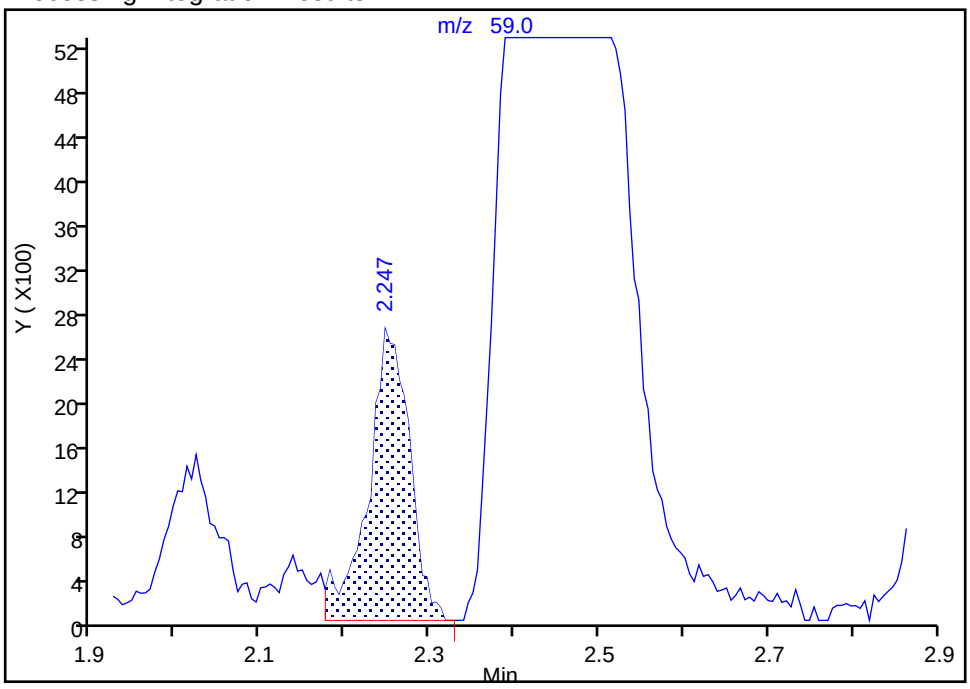
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

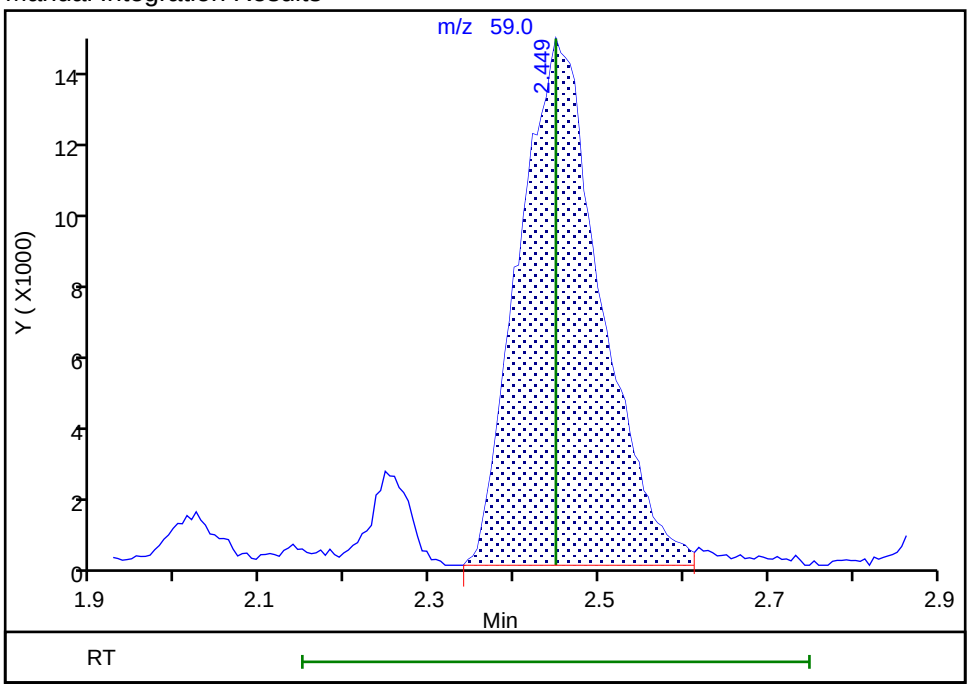
Processing Integration Results

RT: 2.25
Area: 8895
Amount: 14.216414
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 99736
Amount: 159.4028
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:30:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

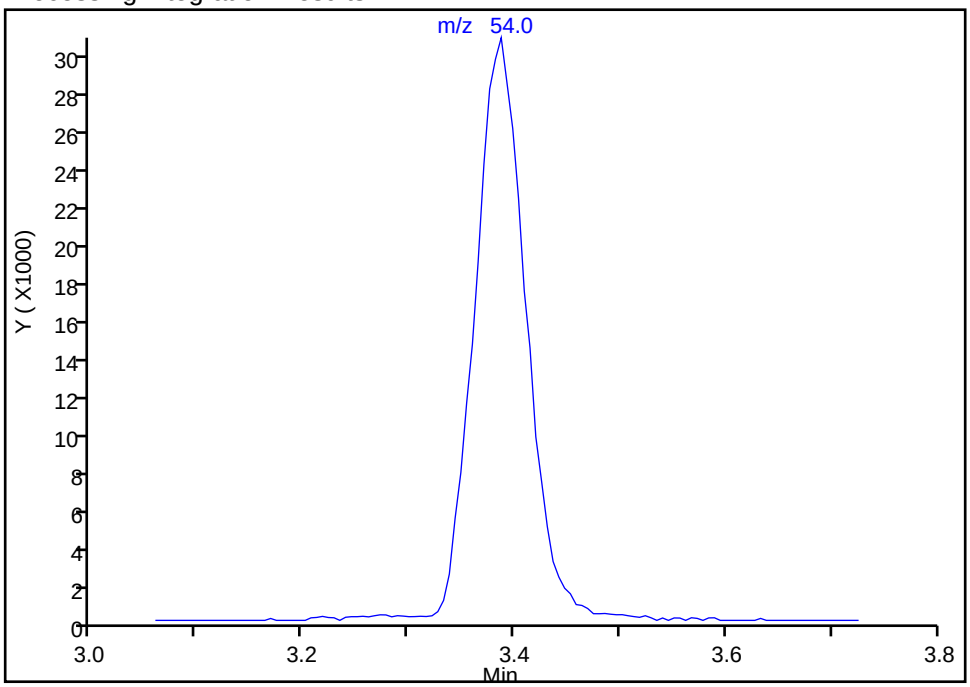
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

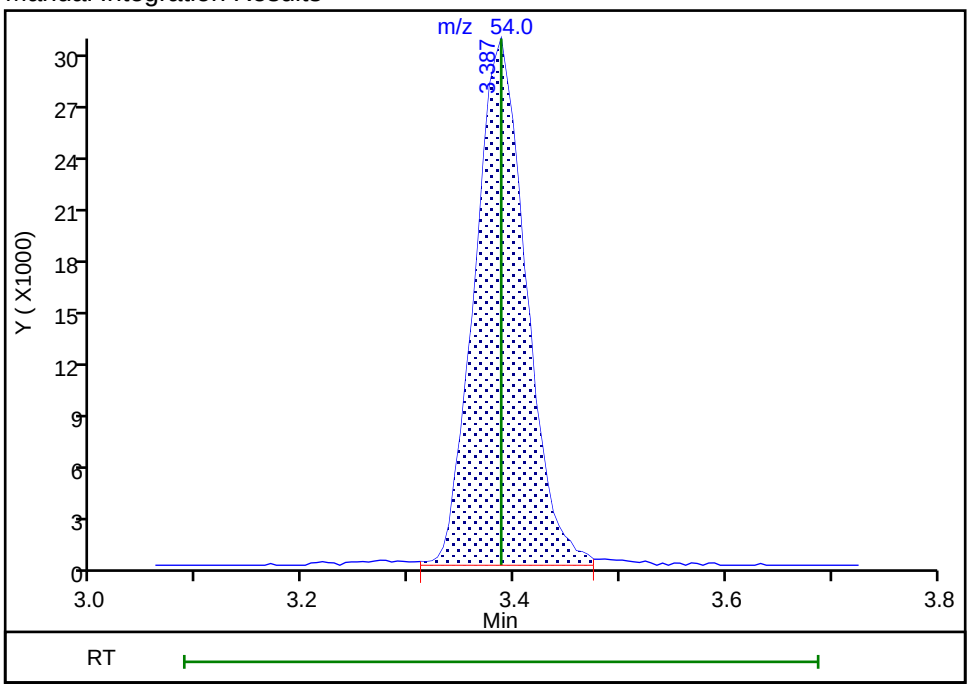
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 102911
Amount: 152.1389
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:30:39
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

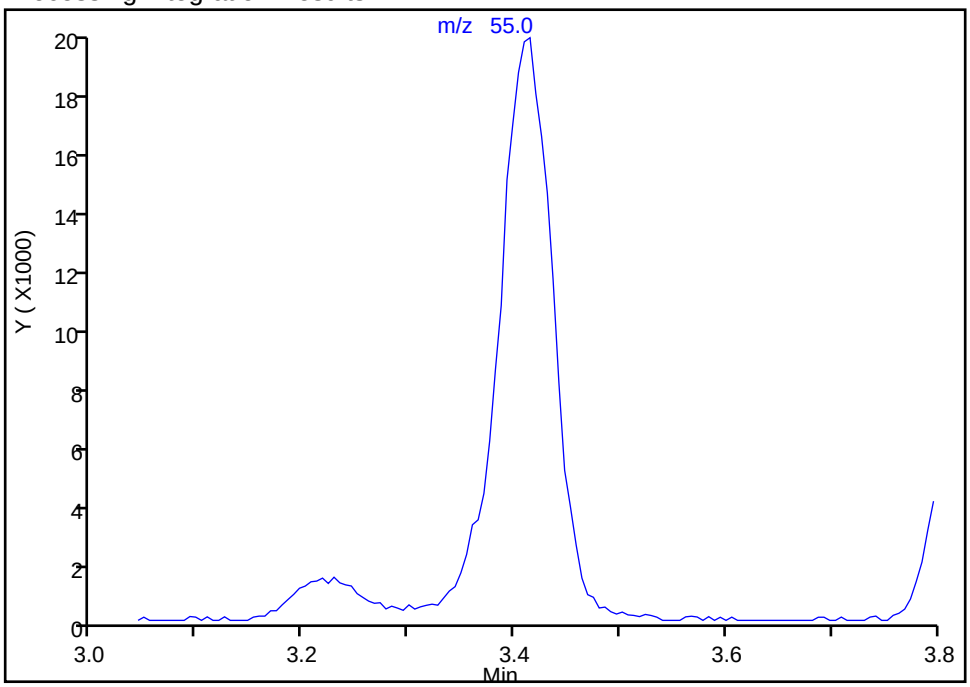
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

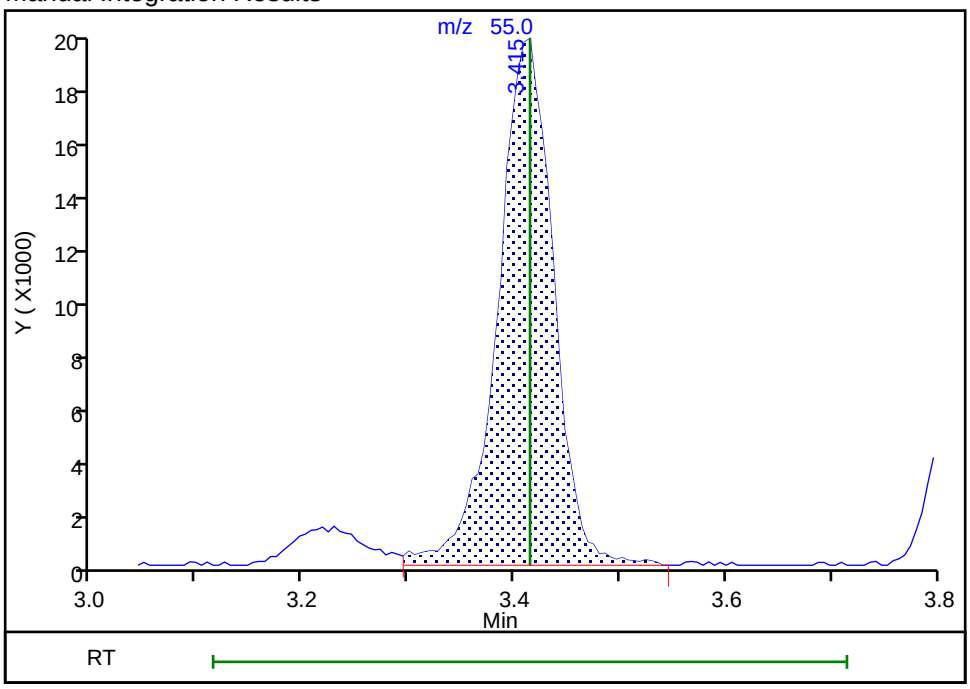
Not Detected
Expected RT: 3.41

Processing Integration Results



Manual Integration Results

RT: 3.41
Area: 70437
Amount: 20.191181
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:30:47
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

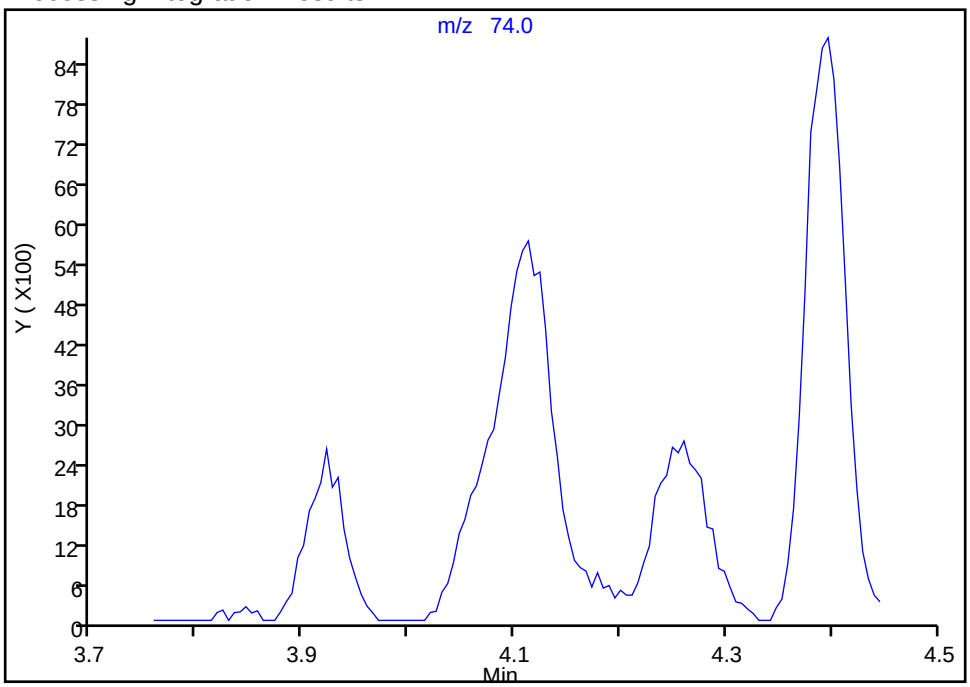
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

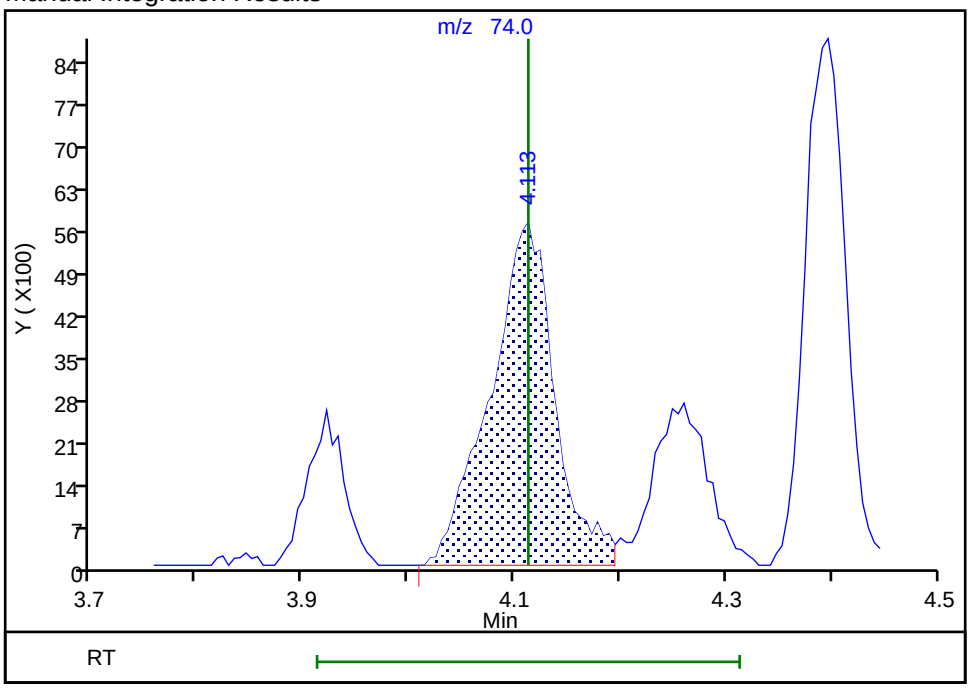
Not Detected
Expected RT: 4.11

Processing Integration Results



Manual Integration Results

RT: 4.11
Area: 23975
Amount: 322.8835
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:31:01
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

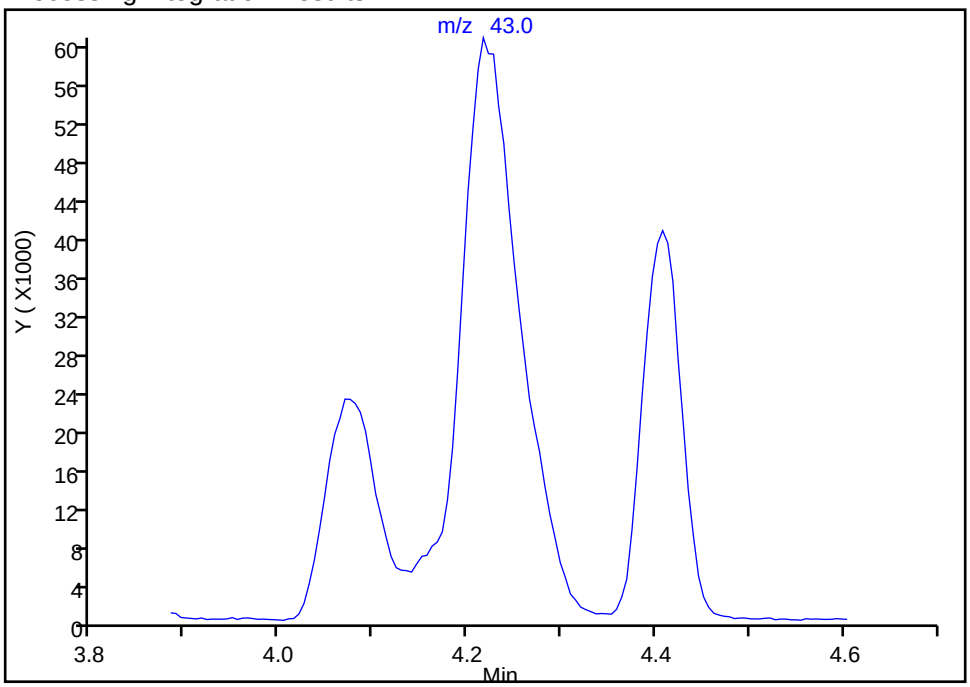
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18626.D
Injection Date: 31-Aug-2020 04:44:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

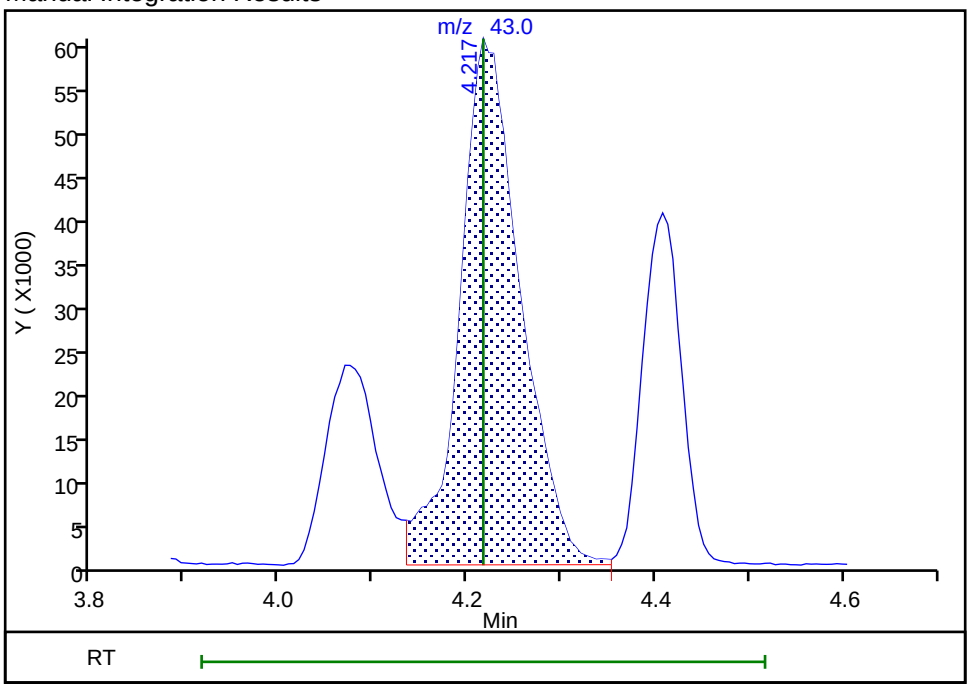
Not Detected
Expected RT: 4.22

Processing Integration Results



Manual Integration Results

RT: 4.22
Area: 272584
Amount: 20.641973
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:31:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721040/2 Calibration Date: 09/01/2020 08:37

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18653.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5060	0.6320	0.1000	25.0	20.0	24.9*	20.0
Chloromethane	Ave	0.7121	0.8280	0.1000	23.3	20.0	16.3	20.0
Butadiene	Ave	0.4429	0.5182		23.4	20.0	17.0	20.0
Vinyl chloride	Ave	0.4906	0.5767	0.1000	23.5	20.0	17.5	20.0
Bromomethane	Ave	0.3372	0.3711	0.1000	22.0	20.0	10.0	50.0
Chloroethane	Ave	0.2524	0.2895	0.1000	22.9	20.0	14.7	50.0
Dichlorofluoromethane	Ave	0.6261	0.7087		22.6	20.0	13.2	20.0
Pentane	Ave	1.367	1.338		39.2	40.0	-2.1	20.0
Trichlorofluoromethane	Ave	0.4734	0.5566	0.1000	23.5	20.0	17.6	20.0
Ethyl ether	Ave	0.2559	0.2507		19.6	20.0	-2.1	20.0
2-Methyl-1,3-butadiene	Ave	0.3032	0.3342		22.0	20.0	10.2	20.0
Ethanol	Ave	0.0662	0.0602		727	800	-9.1	50.0
Acrolein	Ave	1.254	1.045		250	300	-16.7	50.0
1,1-Dichloroethene	Ave	0.2971	0.3326	0.1000	22.4	20.0	11.9	20.0
Acetone	Ave	1.064	1.040	0.0500	97.8	100	-2.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3016	0.3651	0.1000	24.2	20.0	21.0*	20.0
Iodomethane	Ave	0.6377	0.6543		20.5	20.0	2.6	20.0
Isopropyl alcohol	QuaF		0.8563		158	200	-20.8	50.0
Carbon disulfide	Ave	1.325	1.399	0.1000	21.1	20.0	5.6	50.0
Allyl chloride	Ave	0.4730	0.5195		22.0	20.0	9.8	20.0
Methyl acetate	Ave	7.454	6.234	0.1000	33.5	40.0	-16.4	20.0
Acetonitrile	Ave	0.8780	0.8154		186	200	-7.1	20.0
Cyclopentene	Ave	0.8584	0.9574		22.3	20.0	11.5	20.0
Methylene Chloride	Ave	0.4479	0.4011	0.1000	17.9	20.0	-10.4	20.0
2-Methyl-2-propanol	Ave	1.478	1.212		164	200	-18.0	50.0
Acrylonitrile	Ave	0.1351	0.1306		193	200	-3.3	20.0
trans-1,2-Dichloroethene	Ave	0.3365	0.3788	0.1000	22.5	20.0	12.6	20.0
Methyl tert-butyl ether	Ave	0.9018	0.9033	0.1000	20.0	20.0	0.2	20.0
Hexane	Ave	0.3091	0.3493		22.6	20.0	13.0	20.0
1,1-Dichloroethane	Ave	0.6582	0.6957	0.2000	21.1	20.0	5.7	20.0
Vinyl acetate	QuaF		1.290		23.6	40.0	-41.1*	20.0
Isopropyl ether	Ave	1.204	1.238		20.6	20.0	2.8	20.0
2-Chloro-1,3-butadiene	Ave	0.3083	0.3454		22.4	20.0	12.0	20.0
Tert-butyl ethyl ether	Ave	1.074	1.218		22.7	20.0	13.4	20.0
cis-1,2-Dichloroethene	Ave	0.4011	0.4229	0.1000	21.1	20.0	5.4	20.0
2-Butanone (MEK)	Ave	0.3718	0.3407	0.0500	91.6	100	-8.4	50.0
2,2-Dichloropropane	Ave	0.1651	0.1863		22.6	20.0	12.9	20.0
Propionitrile	Ave	1.597	1.278		160	200	-20.0	20.0
Ethyl acetate	Ave	0.3219	0.2874		35.7	40.0	-10.7	20.0
Methyl acrylate	QuaF		0.3465		20.2	20.0	1.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721040/2 Calibration Date: 09/01/2020 08:37

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18653.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methacrylonitrile	Ave	0.1347	0.1314		195	200	-2.4	20.0
Chlorobromomethane	Ave	0.1920	0.1950		20.3	20.0	1.6	20.0
Tetrahydrofuran	Ave	0.4125	0.3911		37.9	40.0	-5.2	20.0
Chloroform	Ave	0.6260	0.6573	0.2000	21.0	20.0	5.0	20.0
1,1,1-Trichloroethane	Ave	0.5014	0.5714	0.1000	22.8	20.0	14.0	20.0
Cyclohexane	Ave	0.5042	0.6118	0.1000	24.3	20.0	21.4	50.0
1,1-Dichloropropene	Ave	0.4624	0.4930		21.3	20.0	6.6	20.0
Carbon tetrachloride	Ave	0.4273	0.4817	0.1000	22.5	20.0	12.7	20.0
Benzene	Ave	2.007	2.062	0.5000	20.6	20.0	2.8	20.0
Isobutyl alcohol	QuaF		0.1190		339	500	-32.1*	20.0
1,2-Dichloroethane	Ave	0.4441	0.4266	0.1000	19.2	20.0	-3.9	20.0
2,2,4-Trimethylpentane	Ave	1.311	1.678		25.6	20.0	28.0*	20.0
Isopropyl acetate	Ave	1.297	1.337		20.6	20.0	3.1	20.0
Tert-amyl methyl ether	Ave	0.2882	0.2890		20.1	20.0	0.3	20.0
n-Heptane	Ave	0.6301	0.4021		12.8	20.0	-36.2*	20.0
n-Butanol	QuaF		0.2527		328	500	-34.4	50.0
Trichloroethene	Ave	0.3197	0.3399	0.2000	21.3	20.0	6.3	20.0
Ethyl acrylate	Ave	0.0494	0.0411		16.7	20.0	-16.7	20.0
Methylcyclohexane	Ave	0.5949	0.7246	0.1000	24.4	20.0	21.8	50.0
1,2-Dichloropropane	Ave	0.3436	0.3470	0.1000	20.2	20.0	1.0	20.0
Dibromomethane	Ave	0.2008	0.1913		19.0	20.0	-4.8	20.0
Methyl methacrylate	Ave	0.1811	0.1703		37.6	40.0	-6.0	20.0
1,4-Dioxane	Lin2		1.254		365	400	-8.6	50.0
n-Propyl acetate	Ave	0.4173	0.3676		17.6	20.0	-11.9	20.0
Dichlorobromomethane	Ave	0.4197	0.3985	0.2000	19.0	20.0	-5.0	20.0
2-Nitropropane	Lin2		0.0602		32.8	40.0	-18.0	20.0
2-Chloroethyl vinyl ether	Ave	0.0547	0.0736		27.0	20.0	34.5*	20.0
Epichlorohydrin	Ave	0.2620	0.2495		381	400	-4.8	20.0
cis-1,3-Dichloropropene	Ave	0.6575	0.6274	0.2000	19.1	20.0	-4.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.897	2.969	0.0500	102	100	2.5	50.0
Toluene	Ave	1.772	1.855	0.4000	20.9	20.0	4.7	20.0
trans-1,3-Dichloropropene	Ave	0.5350	0.4974	0.1000	18.6	20.0	-7.0	50.0
Ethyl methacrylate	Ave	0.4918	0.4690		19.1	20.0	-4.6	20.0
1,1,2-Trichloroethane	Ave	0.2918	0.2795	0.1000	19.2	20.0	-4.2	20.0
Tetrachloroethene	Ave	0.4103	0.4457	0.2000	21.7	20.0	8.6	20.0
1,3-Dichloropropane	Ave	0.5550	0.5287		19.1	20.0	-4.7	20.0
2-Hexanone	Ave	1.669	1.645	0.0500	98.6	100	-1.4	50.0
Chlorodibromomethane	Ave	0.3974	0.3600	0.1000	18.1	20.0	-9.4	50.0
n-Butyl acetate	Ave	0.6361	0.5994		18.8	20.0	-5.8	20.0
Ethylene Dibromide	Ave	0.3332	0.3169	0.1000	19.0	20.0	-4.9	20.0
Chlorobenzene	Ave	1.071	1.090	0.5000	20.4	20.0	1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721040/2 Calibration Date: 09/01/2020 08:37

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18653.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.4846	0.4795		19.8	20.0	-1.0	20.0
Ethylbenzene	Ave	0.5923	0.6364	0.1000	21.5	20.0	7.4	20.0
m-Xylene & p-Xylene	Ave	0.7419	0.8021	0.1000	21.6	20.0	8.1	20.0
o-Xylene	Ave	0.7915	0.8560	0.3000	21.6	20.0	8.2	20.0
Styrene	Ave	1.148	1.197	0.3000	20.9	20.0	4.3	20.0
n-Butyl acrylate	Ave	0.3084	0.3217		20.9	20.0	4.3	20.0
Bromoform	Ave	0.2700	0.2431	0.1000	18.0	20.0	-10.0	20.0
Amyl acetate (mixed isomers)	Ave	1.375	1.251		18.2	20.0	-9.0	20.0
Isopropylbenzene	Ave	2.035	2.326	0.1000	22.9	20.0	14.3	20.0
Bromobenzene	Ave	0.8598	0.8256		19.2	20.0	-4.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9833	0.9053	0.3000	18.4	20.0	-7.9	20.0
1,2,3-Trichloropropane	Ave	0.2400	0.2215		18.5	20.0	-7.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2160	0.1965		18.2	20.0	-9.1	20.0
N-Propylbenzene	Ave	4.224	4.644		22.0	20.0	9.9	20.0
2-Chlorotoluene	Ave	2.588	2.711		20.9	20.0	4.7	20.0
4-Ethyltoluene	Ave	3.313	3.738		22.6	20.0	12.8	20.0
4-Chlorotoluene	Ave	2.483	2.626		21.2	20.0	5.8	20.0
1,3,5-Trimethylbenzene	Ave	3.189	3.387		21.2	20.0	6.2	20.0
Butyl Methacrylate	Ave	1.012	0.9650		19.1	20.0	-4.6	20.0
tert-Butylbenzene	QuaF		2.577		16.6	20.0	-17.2	20.0
1,2,4-Trimethylbenzene	Ave	3.262	3.418		21.0	20.0	4.8	20.0
sec-Butylbenzene	Ave	4.000	4.388		21.9	20.0	9.7	20.0
1,3-Dichlorobenzene	Ave	1.601	1.650	0.6000	20.6	20.0	3.1	20.0
1,4-Dichlorobenzene	Ave	1.588	1.619	0.5000	20.4	20.0	1.9	20.0
4-Isopropyltoluene	Ave	3.376	3.722		22.0	20.0	10.2	20.0
1,2,3-Trimethylbenzene	Ave	3.387	3.656		21.6	20.0	7.9	20.0
Benzyl chloride	Ave	1.398	1.428		20.4	20.0	2.1	50.0
Indan	Ave	3.109	3.295		21.2	20.0	6.0	20.0
1,2-Dichlorobenzene	Ave	1.743	1.768	0.4000	20.3	20.0	1.4	20.0
p-Diethylbenzene	Ave	1.698	2.039		24.0	20.0	20.1*	20.0
n-Butylbenzene	Ave	1.753	2.103		24.0	20.0	20.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2293	0.2202	0.0500	19.2	20.0	-4.0	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.440	3.971		23.1	20.0	15.4	20.0
1,3,5-Trichlorobenzene	Ave	1.480	1.783		24.1	20.0	20.5*	20.0
1,2,4-Trichlorobenzene	Ave	1.520	1.660	0.2000	21.8	20.0	9.2	20.0
Hexachlorobutadiene	Ave	0.7620	0.8436		22.1	20.0	10.7	20.0
Naphthalene	Lin2		3.863		20.5	20.0	2.3	50.0
1,2,3-Trichlorobenzene	Ave	1.637	1.706		20.9	20.0	4.3	20.0
Dibromofluoromethane (Surr)	Ave	0.3403	0.3521		51.7	50.0	3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3506	0.3643		51.9	50.0	3.9	20.0
Toluene-d8 (Surr)	Ave	1.579	1.609		50.9	50.0	1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721040/2 Calibration Date: 09/01/2020 08:37

Instrument ID: CVOAMS9 Calib Start Date: 08/26/2020 20:35

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/26/2020 22:33

Lab File ID: K18653.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.4722	0.4951		52.4	50.0	4.9	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Sep-2020 08:37:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0116107-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub45

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 12:54:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 12:12:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.139	1.139	0.000	95	133888	20.0	25.0	
6 Chloromethane	50	1.249	1.249	0.000	99	175414	20.0	23.3	
7 Butadiene	54	1.287	1.287	0.000	99	109780	20.0	23.4	
8 Vinyl chloride	62	1.314	1.314	0.000	97	122179	20.0	23.5	
9 Bromomethane	94	1.489	1.489	0.000	99	78627	20.0	22.0	
10 Chloroethane	64	1.532	1.532	0.000	100	61327	20.0	22.9	
11 Dichlorofluoromethane	67	1.669	1.669	0.000	99	150143	20.0	22.6	
13 Pentane	72	1.707	1.707	0.000	96	23559	40.0	39.2	
12 Trichlorofluoromethane	101	1.718	1.718	0.000	52	117928	20.0	23.5	a
15 Ethyl ether	59	1.843	1.843	0.000	97	53104	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	1.865	1.865	0.000	95	70804	20.0	22.0	M
14 Ethanol	46	1.925	1.925	0.000	64	21196	800.0	727.3	a
19 Acrolein	56	1.931	1.931	0.000	97	137888	300.0	249.9	
21 1,1-Dichloroethene	96	2.012	2.012	0.000	97	70463	20.0	22.4	
22 Acetone	43	2.040	2.040	0.000	86	122400	100.0	97.8	
20 112TCTFE	101	2.051	2.051	0.000	91	77351	20.0	24.2	
23 Iodomethane	142	2.116	2.116	0.000	98	138618	20.0	20.5	
24 Isopropyl alcohol	45	2.160	2.160	0.000	95	75359	200.0	158.4	
25 Carbon disulfide	76	2.165	2.165	0.000	99	296326	20.0	21.1	M
26 3-Chloro-1-propene	39	2.242	2.242	0.000	86	110057	20.0	22.0	a
27 Methyl acetate	43	2.258	2.258	0.000	100	109728	40.0	33.5	
29 Acetonitrile	41	2.280	2.280	0.000	26	71766	200.0	185.8	Ma
28 Cyclopentene	67	2.312	2.312	0.000	91	202839	20.0	22.3	
31 Methylene Chloride	84	2.334	2.334	0.000	96	84984	20.0	17.9	
* 30 TBA-d9 (IS)	65	2.400	2.400	0.000	95	440041	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.465	2.465	0.000	91	106634	200.0	164.0	a
35 Acrylonitrile	53	2.503	2.503	0.000	95	276750	200.0	193.3	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	97	80248	20.0	22.5	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	97	191376	20.0	20.0	
36 Hexane	43	2.744	2.744	0.000	94	73996	20.0	22.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.842	2.842	0.000	99	147388	20.0	21.1	
39 Vinyl acetate	86	2.891	2.891	0.000	100	22709	40.0	23.6	M
37 Isopropyl ether	45	2.918	2.918	0.000	86	262351	20.0	20.6	
40 2-Chloro-1,3-butadiene	88	2.924	2.924	0.000	90	73169	20.0	22.4	
41 Tert-butyl ethyl ether	59	3.207	3.207	0.000	88	258146	20.0	22.7	
* 42 2-Butanone-d5	46	3.289	3.289	0.000	91	294134	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.322	3.322	0.000	95	89588	20.0	21.1	
46 2-Butanone (MEK)	72	3.338	3.338	0.000	98	40084	100.0	91.6	a
43 2,2-Dichloropropane	79	3.349	3.349	0.000	75	39468	20.0	22.6	
48 Propionitrile	54	3.393	3.393	0.000	98	112511	200.0	160.1	
45 Ethyl acetate	70	3.404	3.404	0.000	98	13525	40.0	35.7	
47 Methyl acrylate	55	3.426	3.426	0.000	98	73399	20.0	20.2	M
51 Methacrylonitrile	67	3.524	3.524	0.000	93	278463	200.0	195.2	
50 Chlorobromomethane	128	3.529	3.529	0.000	93	41320	20.0	20.3	
49 Tetrahydrofuran	72	3.584	3.584	0.000	92	18405	40.0	37.9	
52 Chloroform	83	3.606	3.606	0.000	99	139260	20.0	21.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	97	186492	50.0	51.7	
54 1,1,1-Trichloroethane	97	3.786	3.786	0.000	98	121066	20.0	22.8	
53 Cyclohexane	84	3.846	3.846	0.000	92	129622	20.0	24.3	
57 1,1-Dichloropropene	75	3.922	3.922	0.000	97	104440	20.0	21.3	
56 Carbon tetrachloride	117	3.938	3.938	0.000	98	102060	20.0	22.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	192941	50.0	51.9	
58 Isobutyl alcohol	74	4.119	4.119	0.000	95	26192	500.0	339.5	a
60 Benzene	78	4.119	4.119	0.000	95	304496	20.0	20.6	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	97	90379	20.0	19.2	
59 Isooctane	57	4.211	4.211	0.000	95	355604	20.0	25.6	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	283288	20.0	20.6	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	94	61226	20.0	20.1	
* 66 Fluorobenzene	96	4.402	4.402	0.000	98	529649	50.0	50.0	
65 n-Heptane	57	4.413	4.413	0.000	95	85179	20.0	12.8	
68 n-Butanol	56	4.751	4.751	0.000	91	55595	500.0	327.8	Ma
69 Trichloroethene	95	4.790	4.790	0.000	99	72010	20.0	21.3	
70 Ethyl acrylate	56	4.915	4.915	0.000	98	8711	20.0	16.7	
71 Methylcyclohexane	83	5.002	5.002	0.000	95	153520	20.0	24.4	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	92	73512	20.0	20.2	
77 Dibromomethane	93	5.150	5.150	0.000	97	40519	20.0	19.0	
* 73 1,4-Dioxane-d8	96	5.155	5.155	0.000	95	38969	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.183	0.000	93	72157	40.0	37.6	
75 1,4-Dioxane	88	5.226	5.226	0.000	29	19546	400.0	365.4	a
76 n-Propyl acetate	43	5.264	5.264	0.000	99	77877	20.0	17.6	
78 Dichlorobromomethane	83	5.341	5.341	0.000	99	84431	20.0	19.0	
79 2-Nitropropane	41	5.614	5.614	0.000	98	25511	40.0	32.8	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	15637	20.0	27.0	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	117398	400.0	380.9	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	93	92635	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.110	0.000	97	349326	100.0	102.5	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	594012	50.0	50.9	
84 Toluene	91	6.296	6.296	0.000	94	273883	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	97	73442	20.0	18.6	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	69254	20.0	19.1	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	96	41271	20.0	19.2	
88 Tetrachloroethene	166	7.016	7.016	0.000	97	65812	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.060	7.060	0.000	95	78070	20.0	19.1	
90 2-Hexanone	43	7.229	7.229	0.000	97	193586	100.0	98.6	
92 Chlorodibromomethane	129	7.360	7.360	0.000	98	53151	20.0	18.1	
91 n-Butyl acetate	43	7.452	7.452	0.000	99	88509	20.0	18.8	
93 Ethylene Dibromide	107	7.496	7.496	0.000	99	46792	20.0	19.0	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	369140	50.0	50.0	
95 Chlorobenzene	112	8.227	8.227	0.000	94	160972	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	70806	20.0	19.8	
96 Ethylbenzene	106	8.435	8.435	0.000	98	93969	20.0	21.5	
98 m-Xylene & p-Xylene	106	8.615	8.615	0.000	0	118433	20.0	21.6	
100 o-Xylene	106	9.220	9.220	0.000	93	126400	20.0	21.6	
101 Styrene	104	9.242	9.242	0.000	95	176725	20.0	20.9	
99 n-Butyl acrylate	73	9.280	9.280	0.000	96	47495	20.0	20.9	
103 Bromoform	173	9.482	9.482	0.000	97	35892	20.0	18.0	
102 Amyl acetate (mixed isomers)	43	9.673	9.673	0.000	90	106825	20.0	18.2	
104 Isopropylbenzene	105	9.826	9.826	0.000	96	343458	20.0	22.9	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	92	182762	50.0	52.4	
106 Bromobenzene	156	10.235	10.235	0.000	97	70473	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	77279	20.0	18.4	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	18904	20.0	18.5	
110 trans-1,4-Dichloro-2-butene	53	10.432	10.432	0.000	90	16770	20.0	18.2	
108 N-Propylbenzene	91	10.503	10.503	0.000	99	396394	20.0	22.0	
111 2-Chlorotoluene	91	10.584	10.584	0.000	97	231419	20.0	20.9	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	319080	20.0	22.6	
114 4-Chlorotoluene	91	10.770	10.770	0.000	96	224190	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	289148	20.0	21.2	
115 Butyl Methacrylate	87	11.086	11.086	0.000	92	82375	20.0	19.1	
116 tert-Butylbenzene	119	11.321	11.321	0.000	94	219942	20.0	16.6	
117 1,2,4-Trimethylbenzene	105	11.392	11.392	0.000	98	291805	20.0	21.0	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	374536	20.0	21.9	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	140838	20.0	20.6	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	213402	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.845	11.845	0.000	93	138228	20.0	20.4	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	317717	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	312048	20.0	21.6	
124 Benzyl chloride	91	12.036	12.036	0.000	98	121892	20.0	20.4	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	94	281232	20.0	21.2	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	96	150903	20.0	20.3	
126 p-Diethylbenzene	119	12.319	12.319	0.000	93	174052	20.0	24.0	
127 n-Butylbenzene	92	12.341	12.341	0.000	98	179482	20.0	24.0	
130 1,2-Dibromo-3-Chloropropane	157	13.143	13.143	0.000	94	18794	20.0	19.2	
129 1,2,4,5-Tetramethylbenzene	119	13.149	13.149	0.000	98	338997	20.0	23.1	
131 1,3,5-Trichlorobenzene	180	13.362	13.362	0.000	97	152196	20.0	24.1	
132 1,2,4-Trichlorobenzene	180	13.940	13.940	0.000	94	141722	20.0	21.8	
133 Hexachlorobutadiene	225	14.115	14.115	0.000	96	72009	20.0	22.1	
134 Naphthalene	128	14.147	14.147	0.000	99	329760	20.0	20.5	
135 1,2,3-Trichlorobenzene	180	14.360	14.360	0.000	96	145665	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.6	
S 137 Xylenes, Total	100				0		40.0	43.3	
S 139 Total BTEX	1				0		100.0	106.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 12:54:08 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D

Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9 Operator ID:

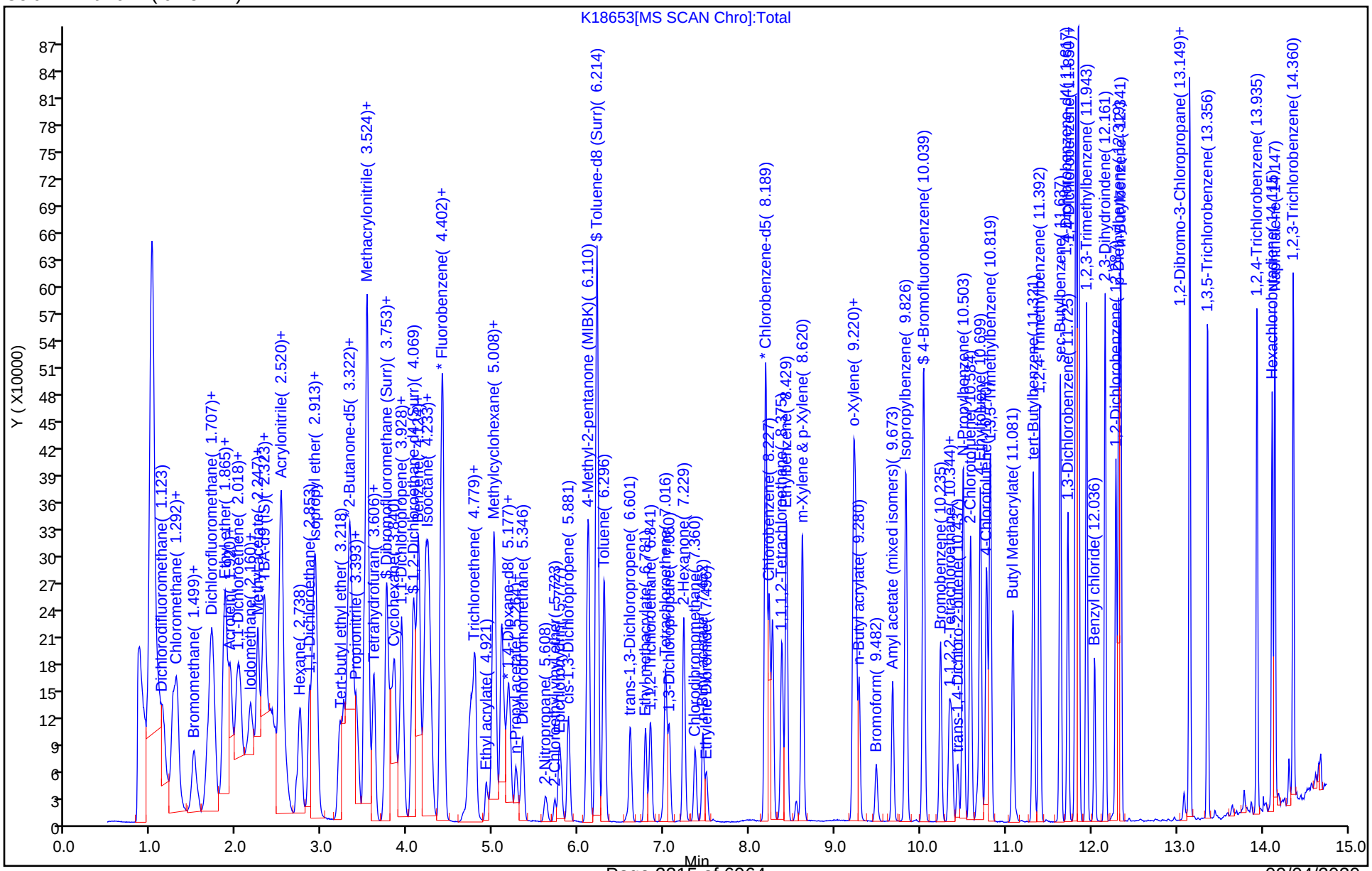
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

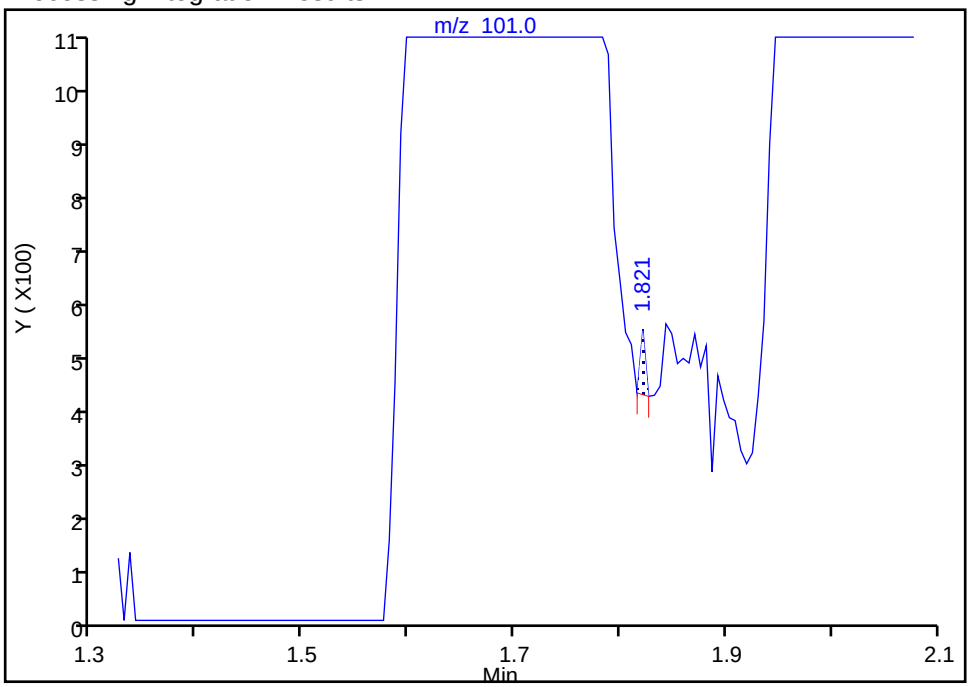
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

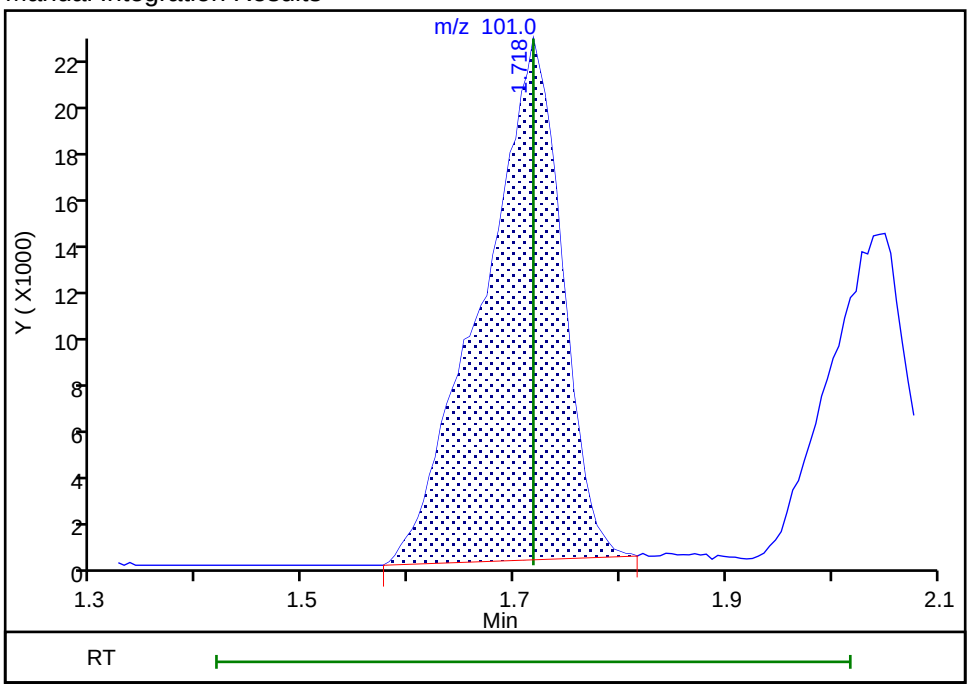
Processing Integration Results

RT: 1.82
Area: 37
Amount: 0.007378
Amount Units: ug/l



Manual Integration Results

RT: 1.72
Area: 117928
Amount: 23.514013
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:51:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

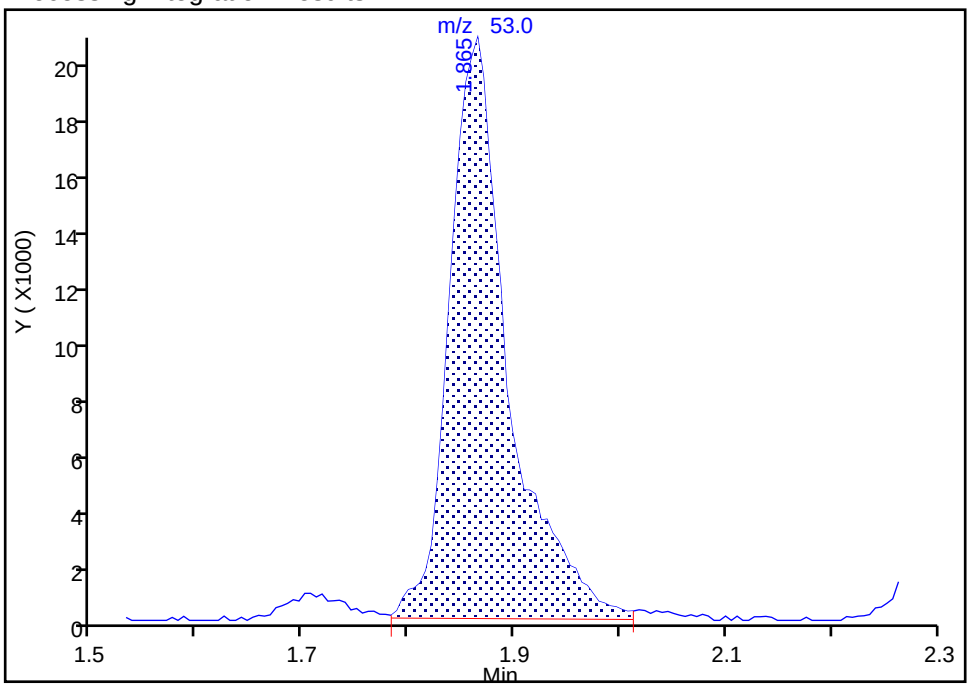
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

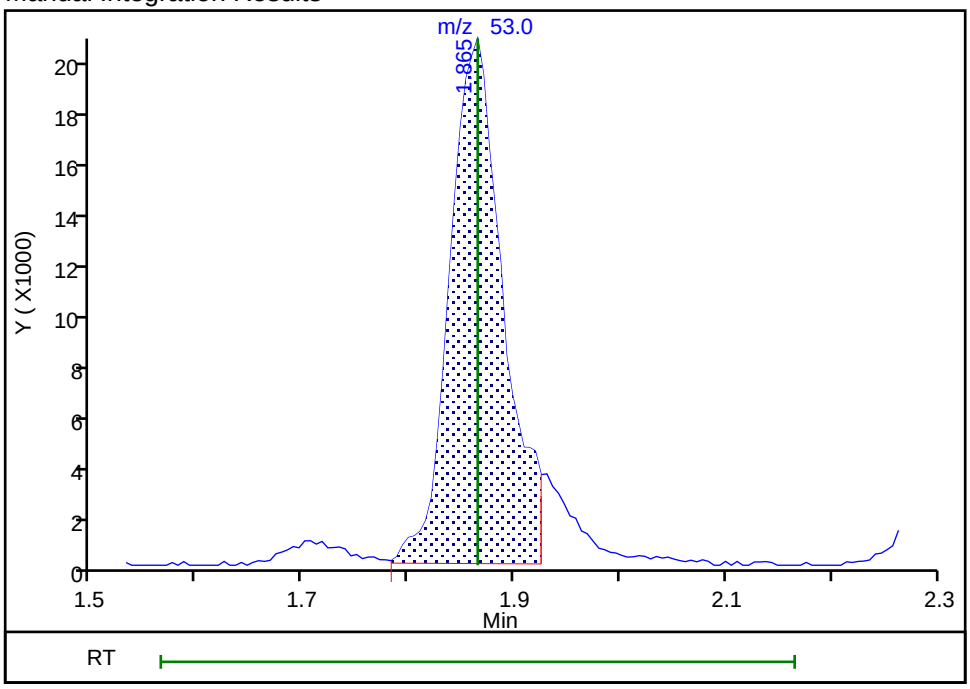
Processing Integration Results

RT: 1.87
Area: 77784
Amount: 24.220848
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 70804
Amount: 22.047374
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:51:59
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

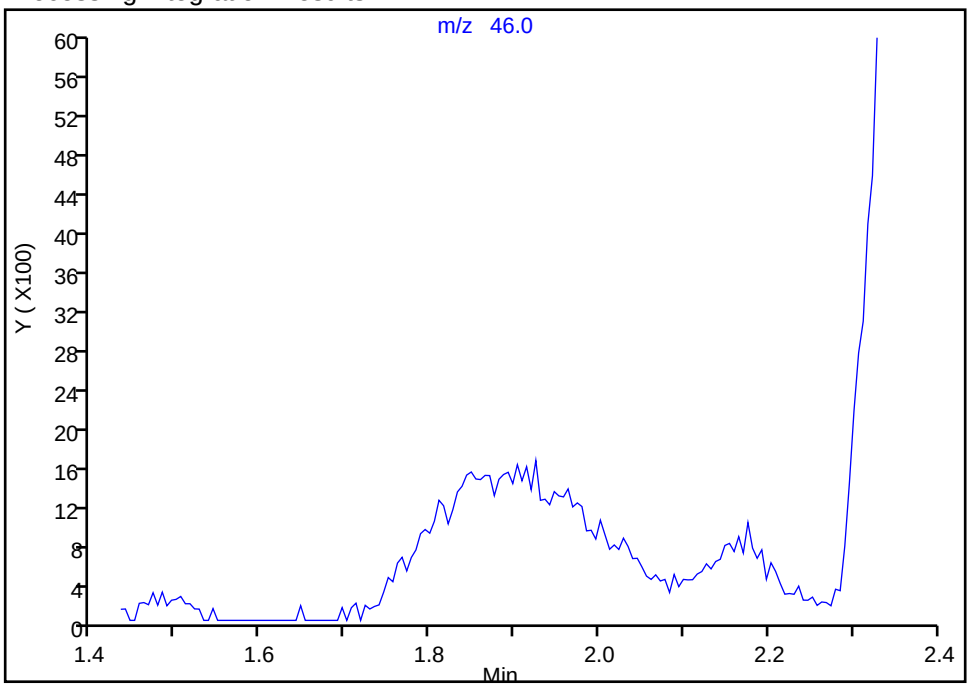
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

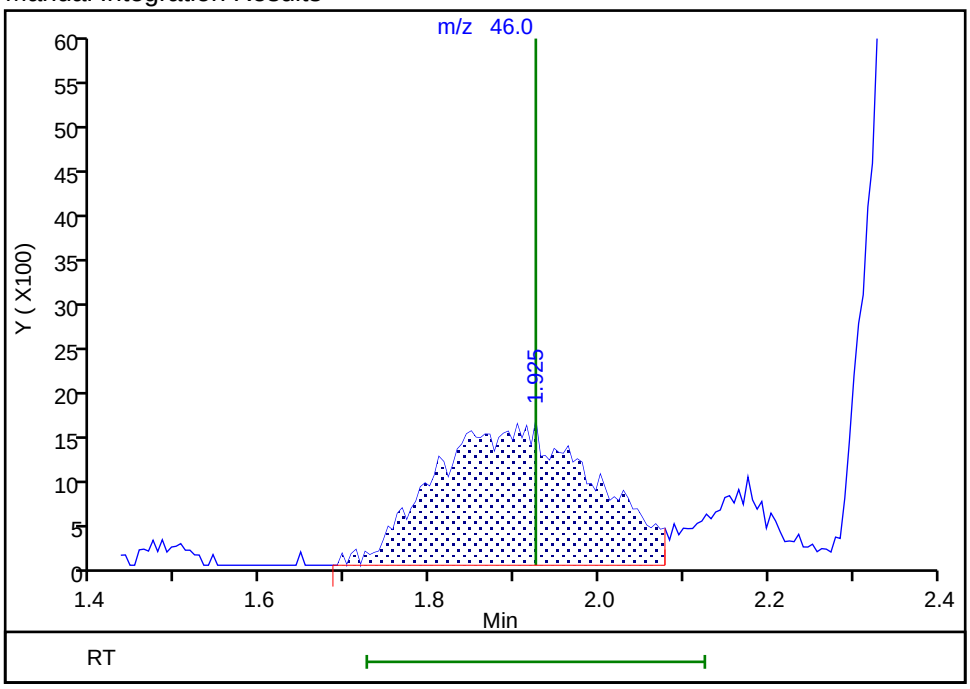
Not Detected
Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 21196
Amount: 727.2568
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:52:05
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

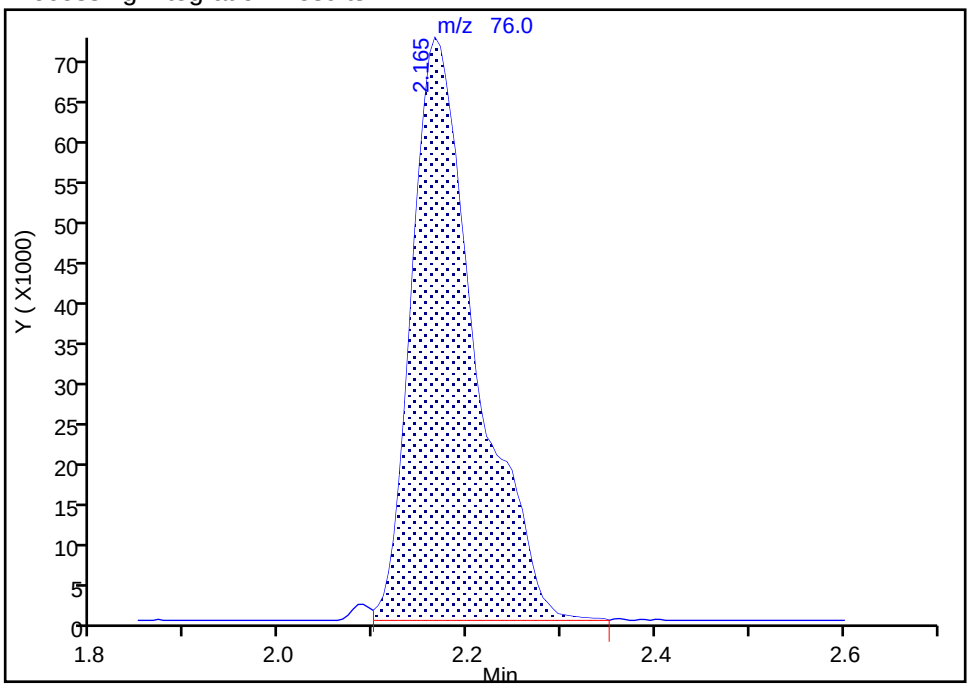
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

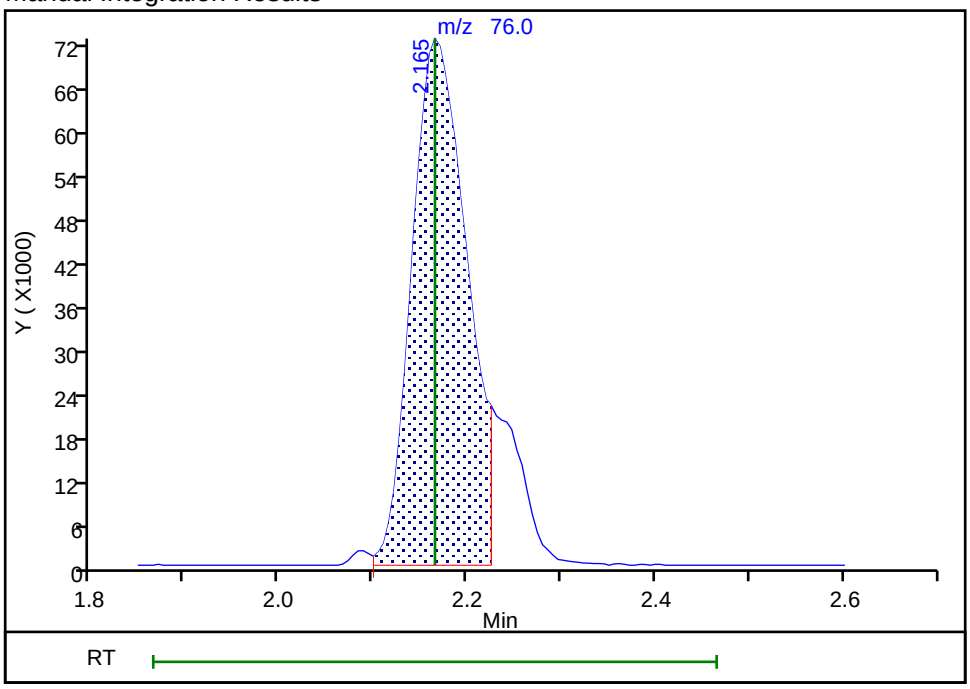
Processing Integration Results

RT: 2.17
Area: 342316
Amount: 24.389567
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 296326
Amount: 21.112840
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:52:12
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

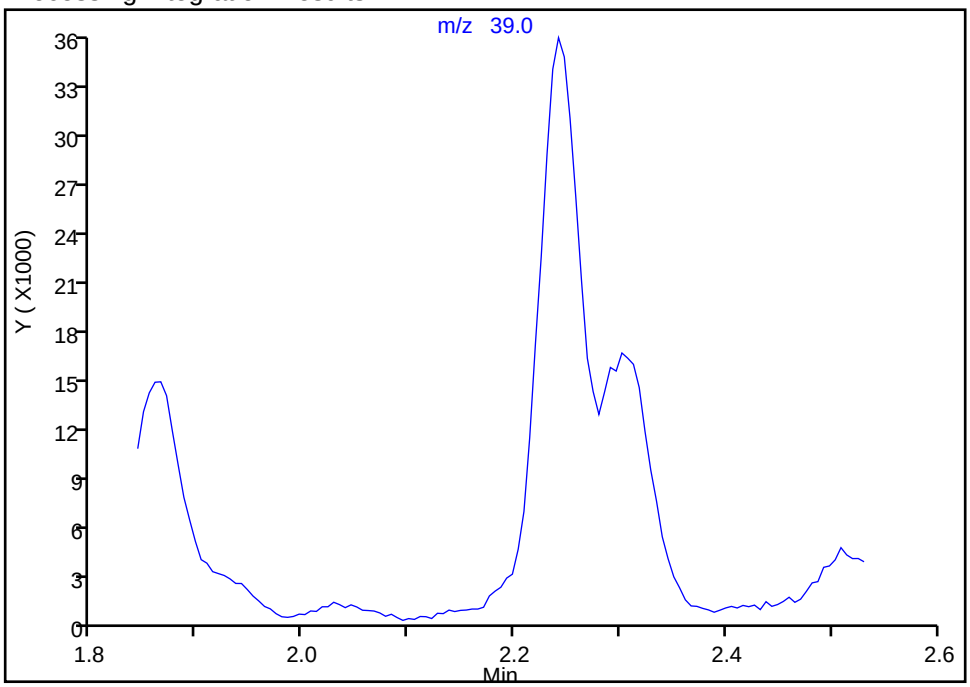
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

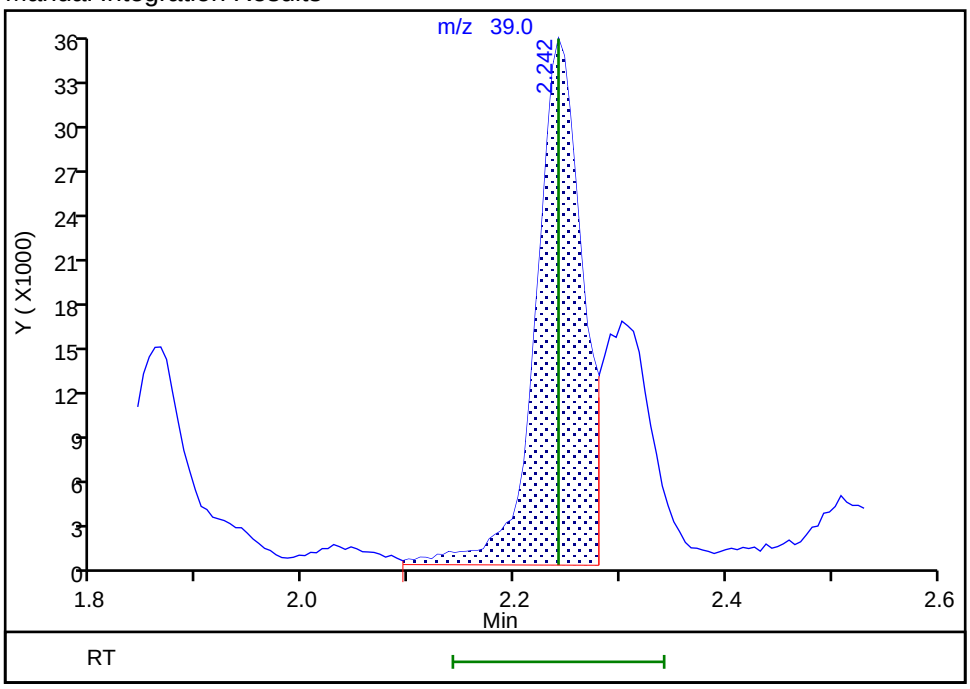
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 110057
Amount: 21.966407
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:52:18
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

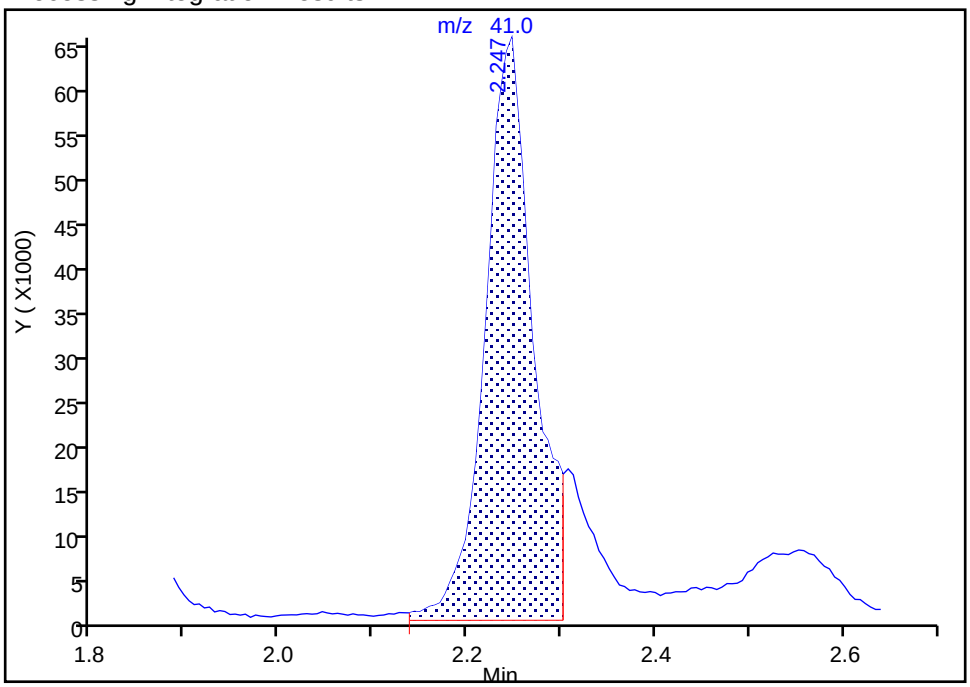
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

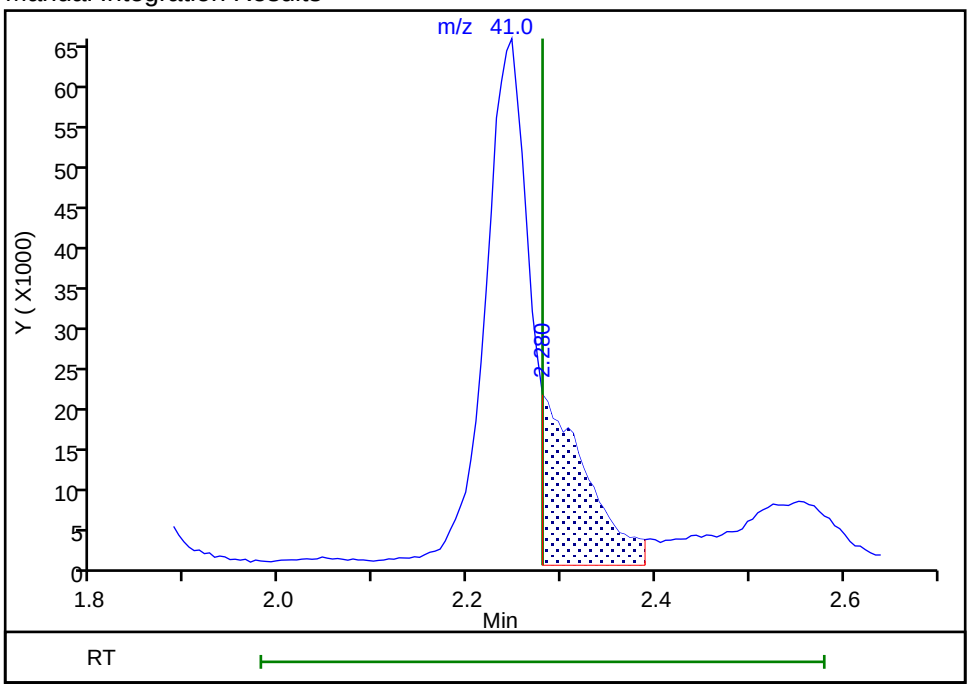
Processing Integration Results

RT: 2.25
Area: 234171
Amount: 606.1285
Amount Units: ug/l



Manual Integration Results

RT: 2.28
Area: 71766
Amount: 185.7592
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:52:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

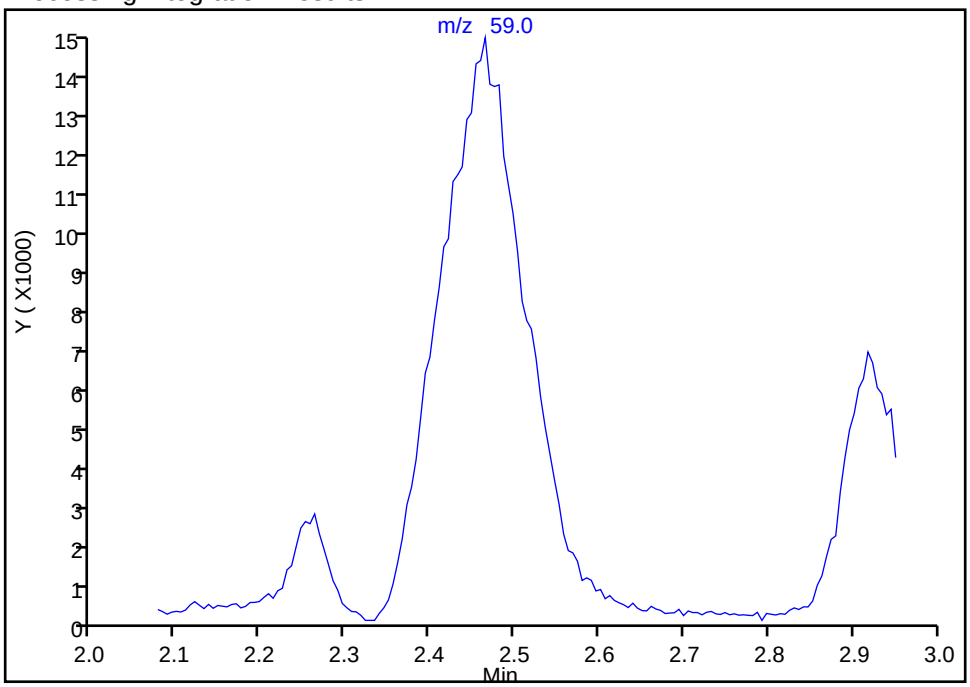
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

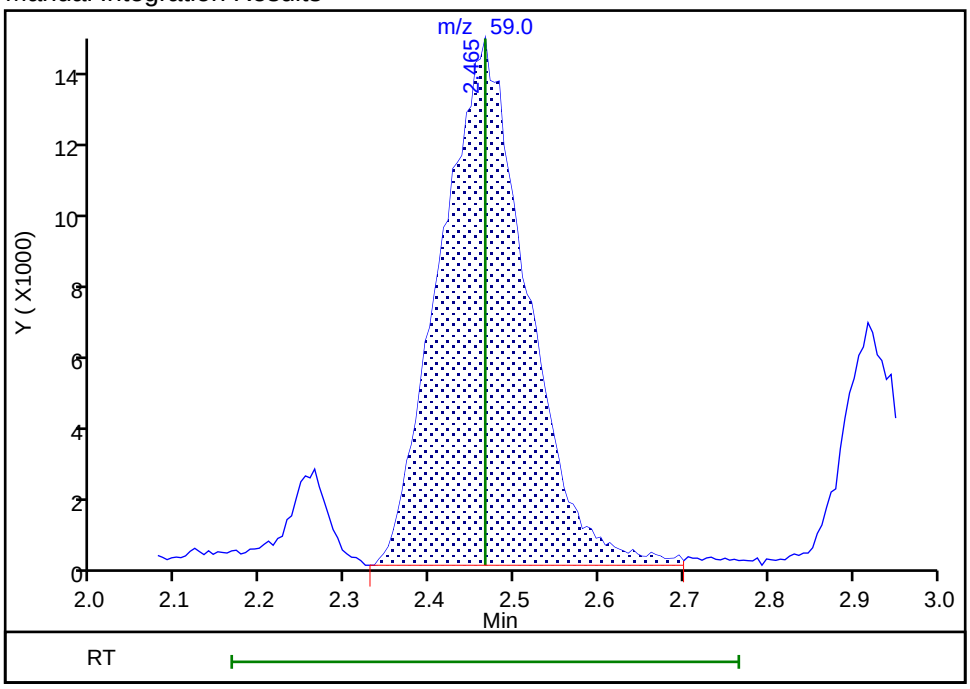
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 106634
Amount: 164.0015
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:52:42
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

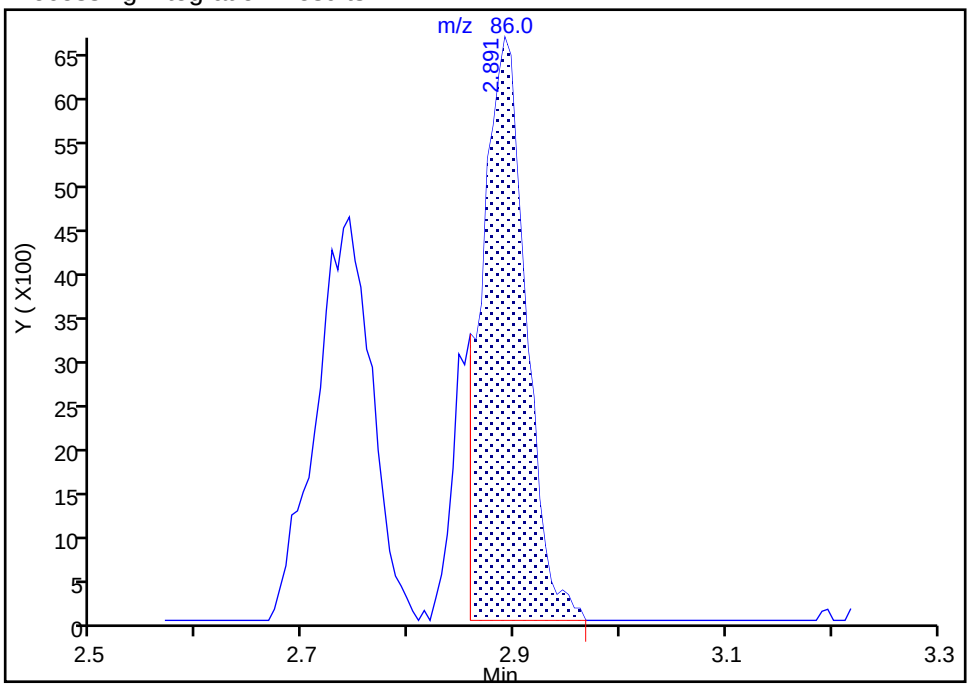
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

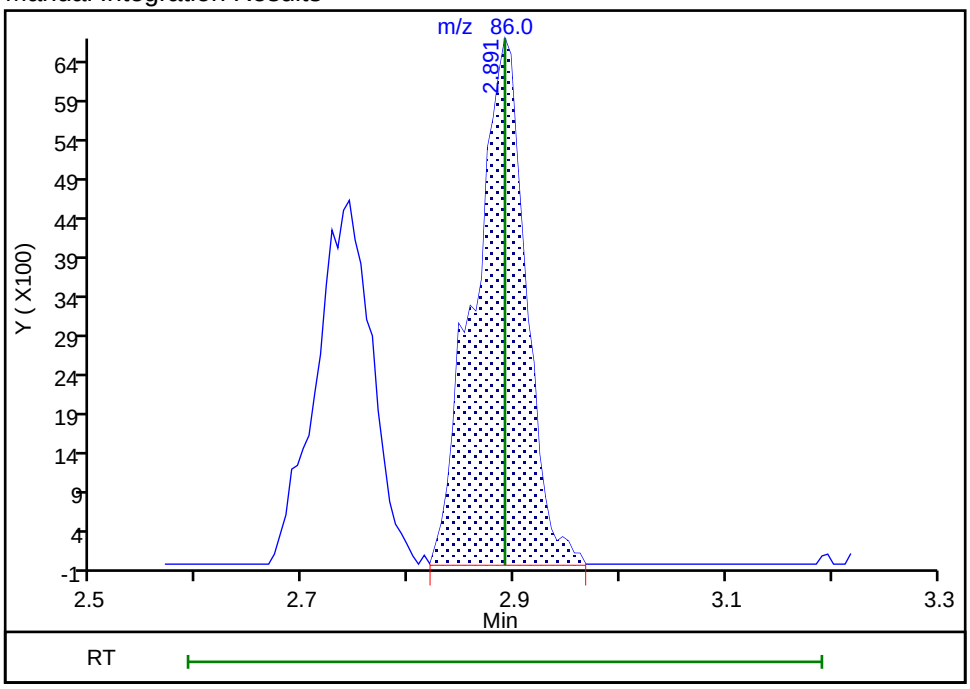
Processing Integration Results

RT: 2.89
Area: 19476
Amount: 20.212044
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 22709
Amount: 23.572012
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:52:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

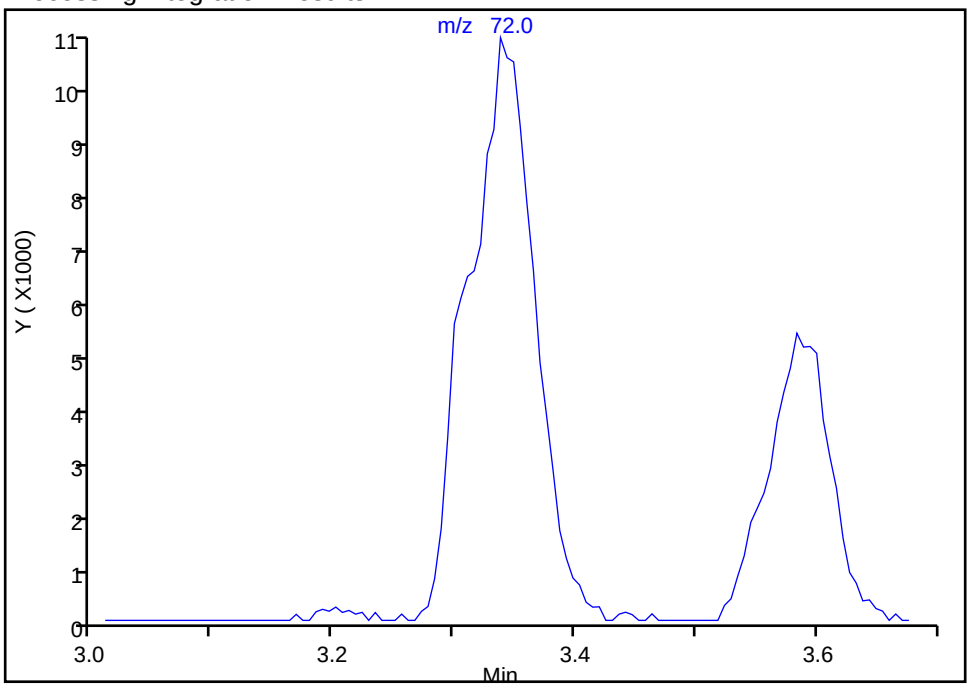
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

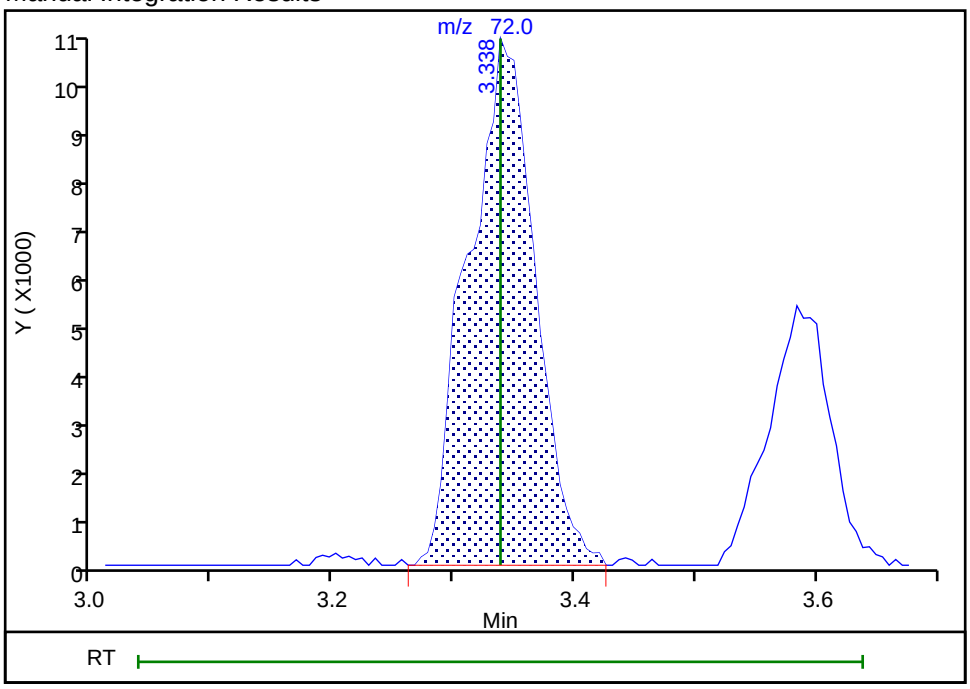
Not Detected
Expected RT: 3.34

Processing Integration Results



Manual Integration Results

RT: 3.34
Area: 40084
Amount: 91.636694
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:53:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

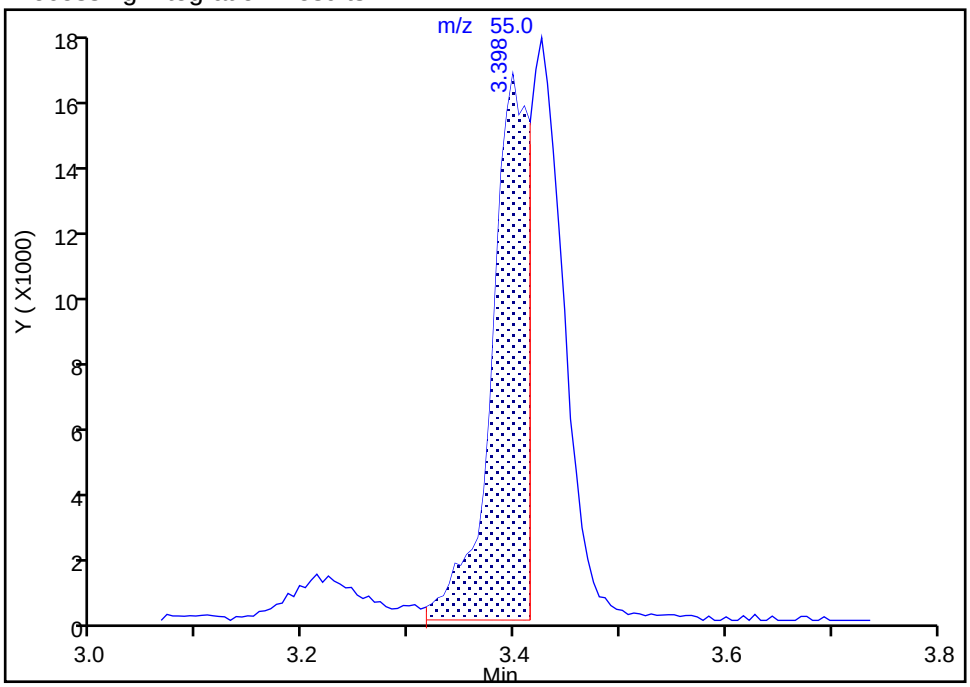
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

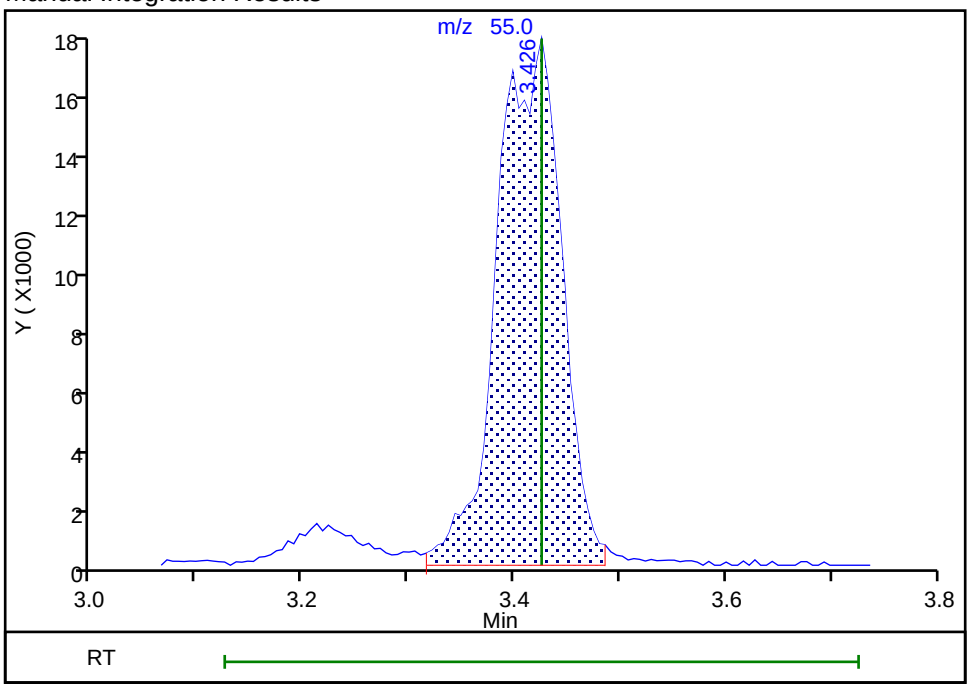
Processing Integration Results

RT: 3.40
Area: 40058
Amount: 11.041007
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 73399
Amount: 20.217754
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:53:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

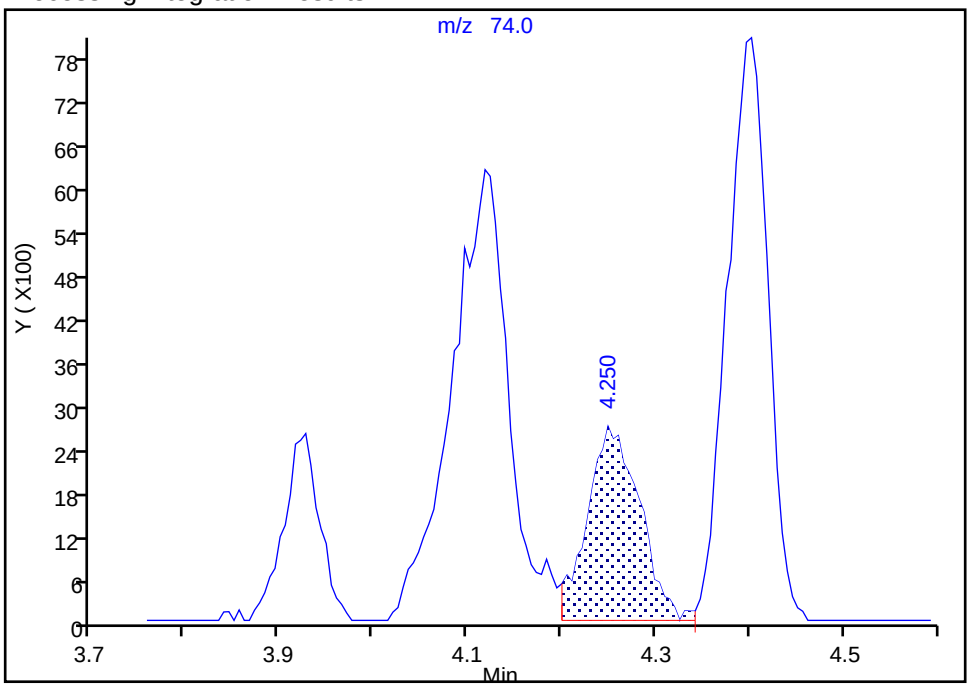
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

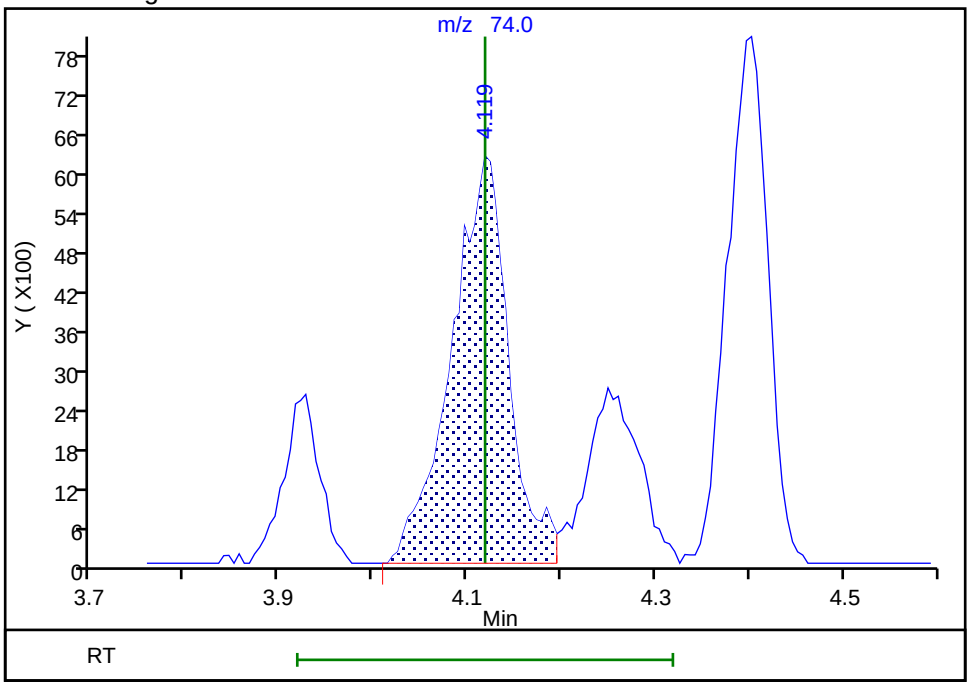
Processing Integration Results

RT: 4.25
Area: 10395
Amount: 134.6402
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 26192
Amount: 339.4575
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:53:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

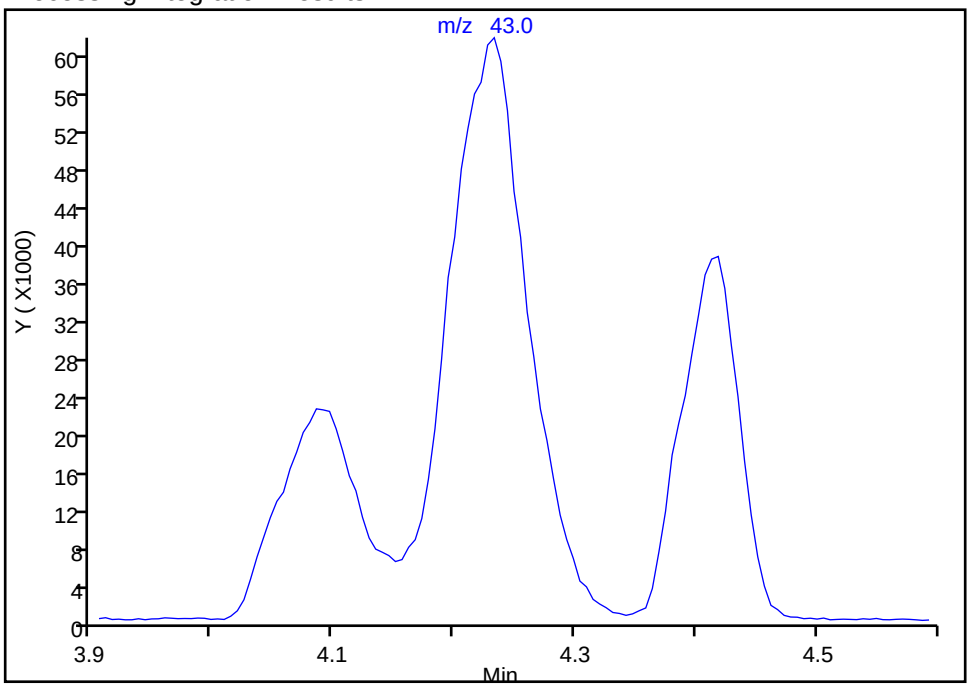
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

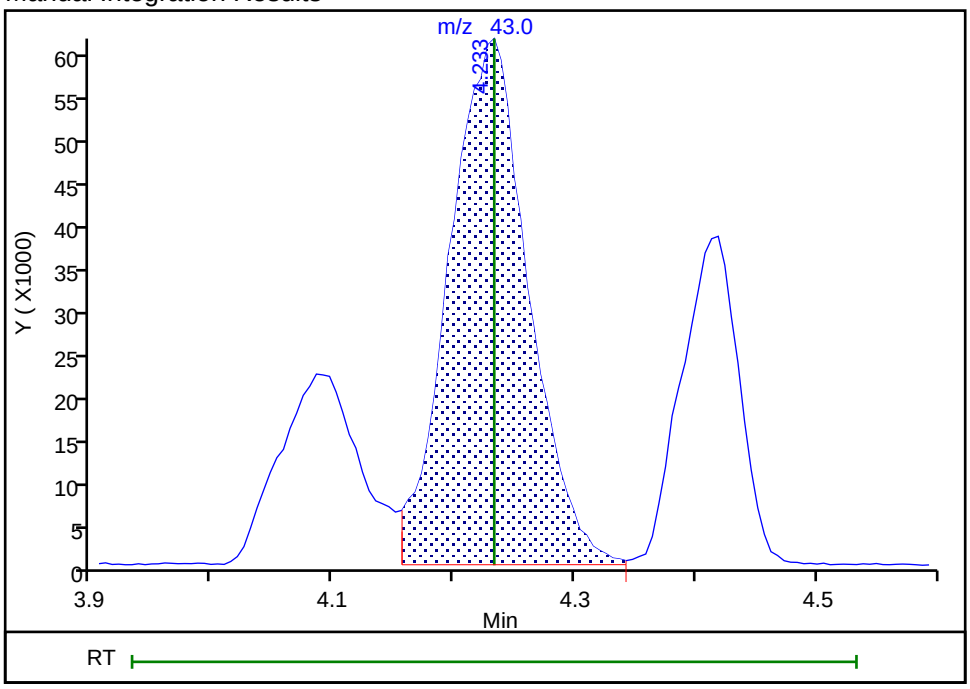
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.23
Area: 283288
Amount: 20.613974
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:53:27
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

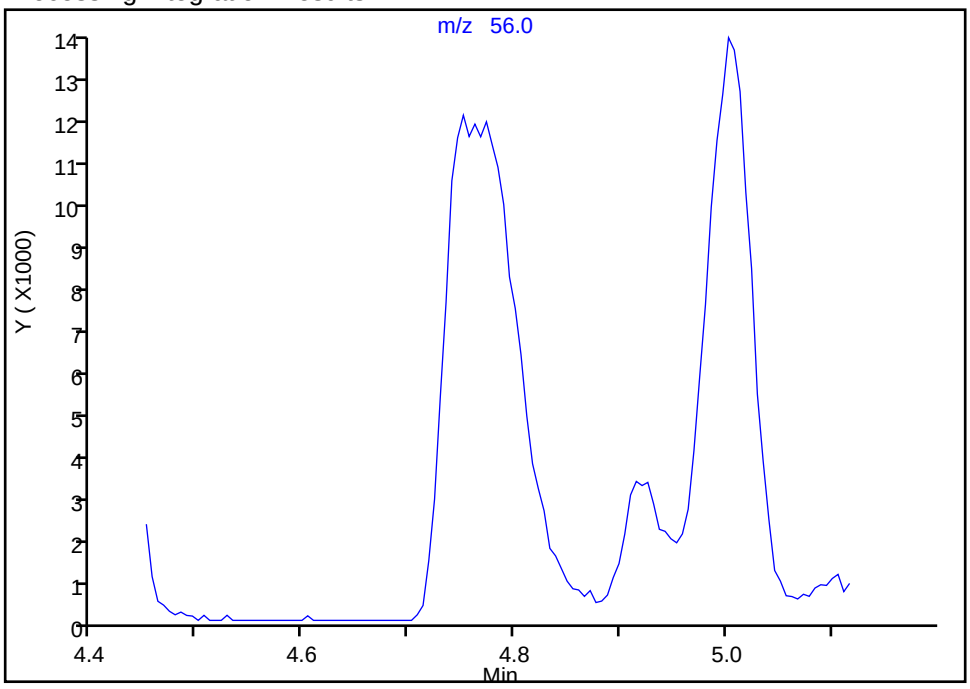
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

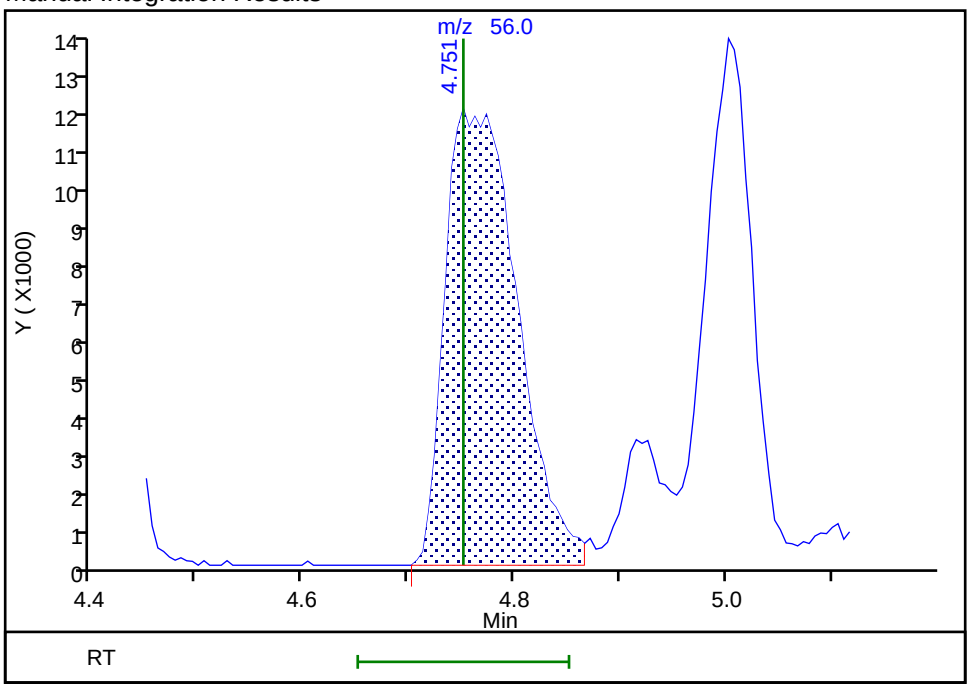
Not Detected
Expected RT: 4.75

Processing Integration Results



Manual Integration Results

RT: 4.75
Area: 55595
Amount: 327.7794
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:53:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

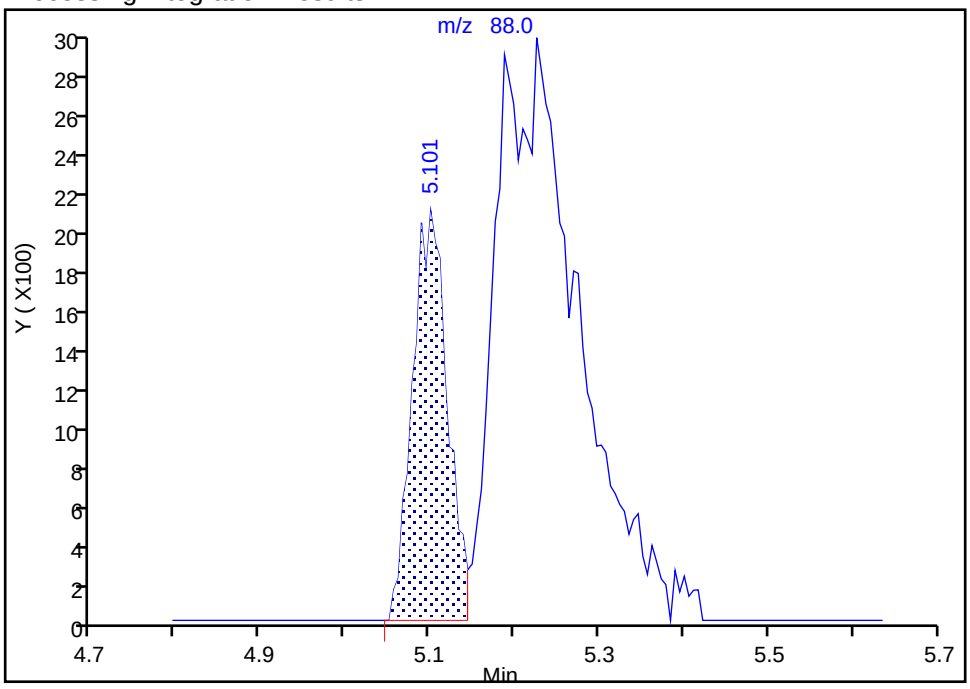
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18653.D
Injection Date: 01-Sep-2020 08:37:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

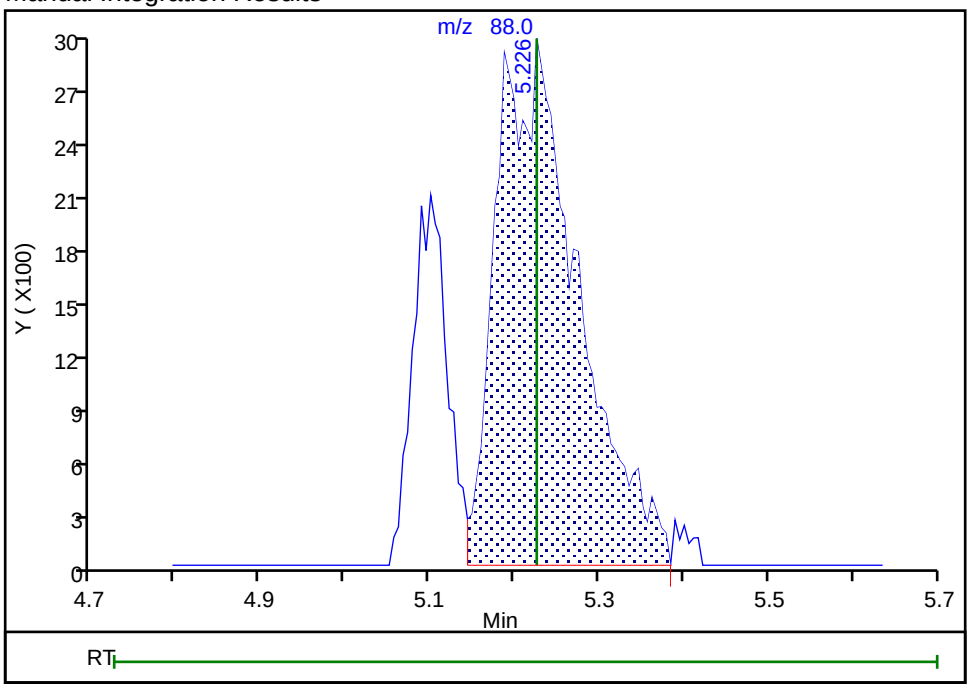
Processing Integration Results

RT: 5.10
Area: 5871
Amount: 116.4253
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 19546
Amount: 365.4349
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:53:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-Jul-2020 03:47:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0112940-001				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	09-Jul-2020 20:42:57	Calib Date:	09-Jul-2020 12:29:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1017				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.015	2.015	0.000	89	38708	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

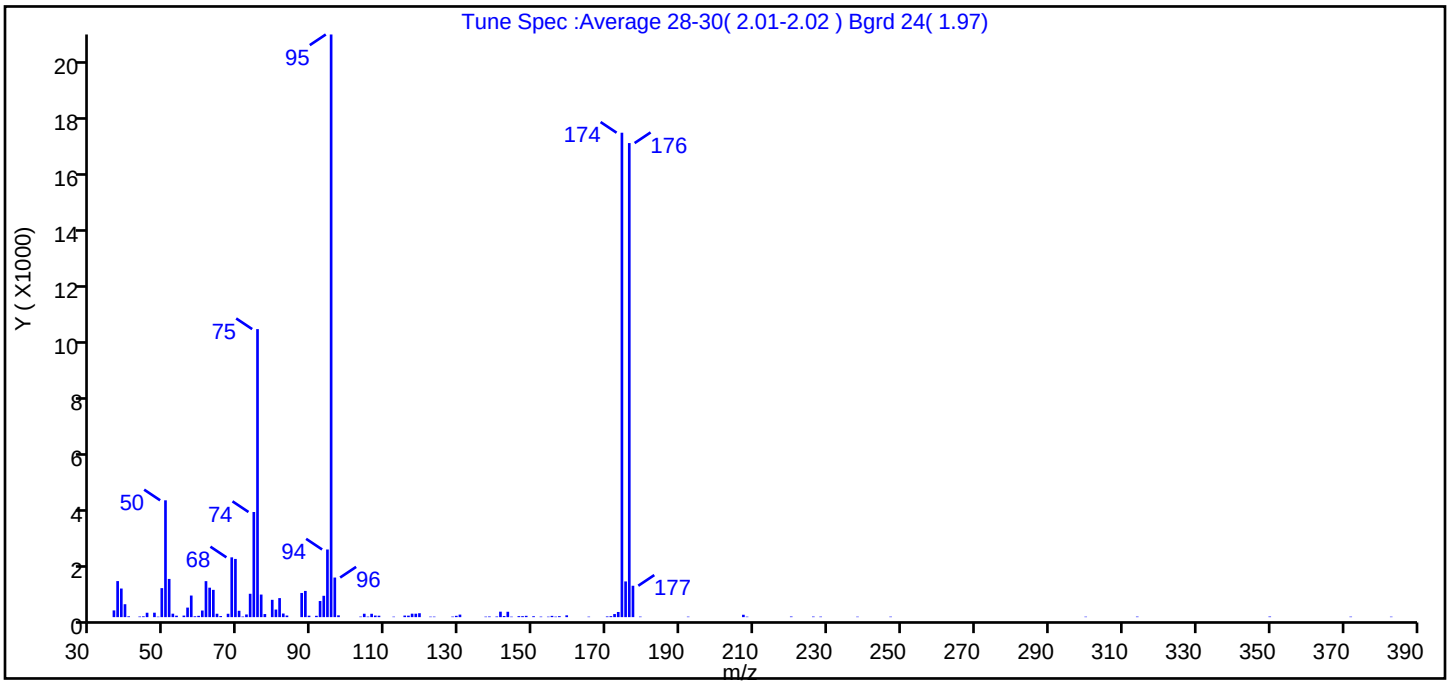
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D
Injection Date: 09-Jul-2020 03:47:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.1
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	83.1
175	5 to 9% of m/z 174	6.1 (7.4)
176	Greater than 95% but less than 101% of m/z 174	81.4 (97.9)
177	5 to 9% of m/z 176	5.4 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D\8260W_13.rslt\spectra.d
Injection Date: 09-Jul-2020 03:47:30
Spectrum: Tune Spec :Average 28-30(2.01-2.02) Bgrd 24(1.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	239	69.00	2067	106.00	120	156.00	18
37.00	1280	70.00	226	107.00	56	157.00	35
38.00	1016	71.00	22	108.00	51	159.00	64
39.00	459	72.00	95	112.00	17	165.00	17
40.00	29	73.00	830	115.00	56	170.00	25
43.00	22	74.00	3733	116.00	53	171.00	35
44.00	29	75.00	10227	117.00	123	172.00	110
45.00	156	76.00	802	118.00	122	173.00	183
47.00	158	77.00	110	119.00	139	174.00	17200
48.00	17	78.00	1	122.00	17	175.00	1268
49.00	1030	79.00	615	123.00	18	176.00	16832
50.00	4148	80.00	270	128.00	20	177.00	1115
51.00	1357	81.00	676	129.00	47	179.00	18
52.00	123	82.00	129	130.00	90	192.00	17
53.00	52	83.00	57	137.00	18	207.00	85
55.00	55	87.00	858	138.00	23	208.00	17
56.00	339	88.00	931	140.00	22	220.00	22
57.00	767	89.00	52	141.00	194	226.00	20
58.00	30	91.00	48	142.00	39	228.00	18
59.00	47	92.00	572	143.00	191	238.00	16
60.00	235	93.00	758	144.00	17	247.00	17
61.00	1278	94.00	2402	146.00	36	300.00	16
62.00	1046	95.00	20688	147.00	35	314.00	19
63.00	969	96.00	1406	148.00	47	350.00	21
64.00	121	97.00	64	150.00	32	372.00	17
65.00	39	103.00	19	152.00	19	383.00	16
67.00	120	104.00	121	154.00	17		
68.00	2123	105.00	19	155.00	45		

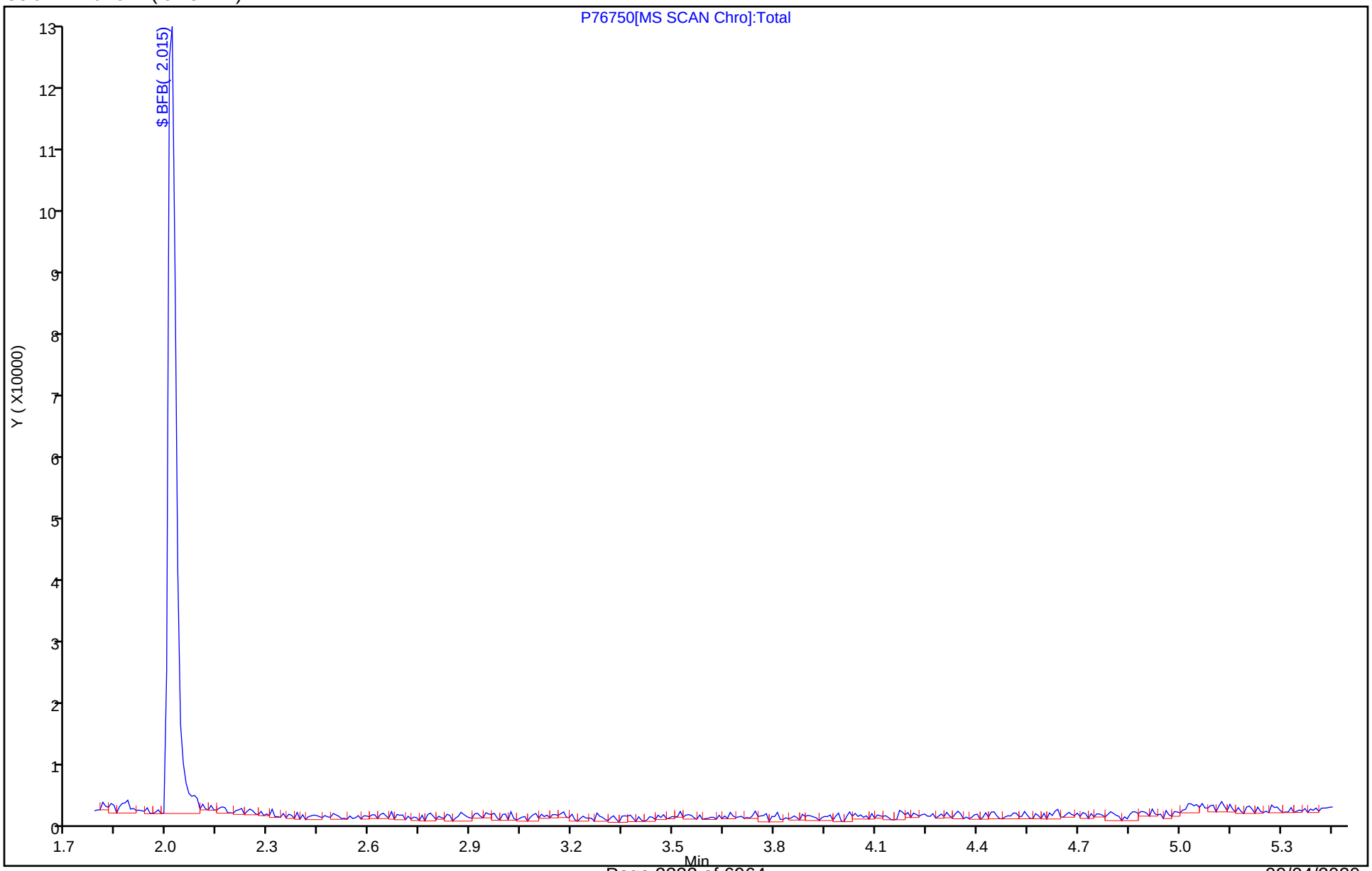
Report Date: 09-Jul-2020 20:42:58 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D

Injection Date:	09-Jul-2020 03:47:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79257.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	02-Sep-2020 07:17:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0116151-001				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	02-Sep-2020 09:54:45	Calib Date:	09-Jul-2020 12:29:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1067				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.007	2.007	0.000	94	25401	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

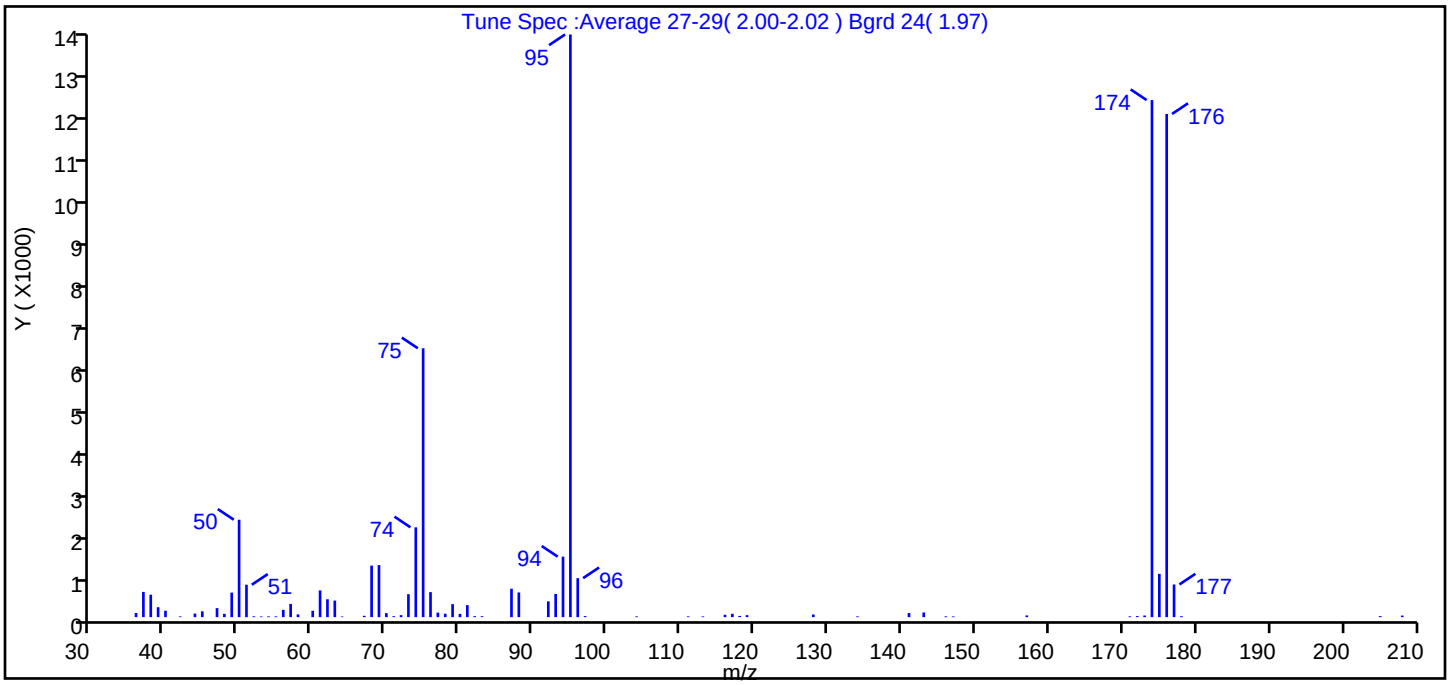
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79257.D				
Injection Date:	02-Sep-2020 07:17:30	Instrument ID:	CVOAMS13		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.7
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.3 (0.3)
174	50 to 120% of m/z 95	88.7
175	5 to 9% of m/z 174	7.4 (8.4)
176	Greater than 95% but less than 101% of m/z 174	86.4 (97.3)
177	5 to 9% of m/z 176	5.6 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79257.D\8260W_13.rslt\spectra.d
Injection Date: 02-Sep-2020 07:17:30
Spectrum: Tune Spec :Average 27-29(2.00-2.02) Bgrd 24(1.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	96	58.00	64	80.00	76	128.00	61
37.00	587	60.00	148	81.00	280	134.00	18
38.00	522	61.00	622	82.00	23	141.00	95
39.00	231	62.00	416	83.00	22	143.00	108
40.00	149	63.00	385	87.00	661	146.00	19
42.00	17	64.00	15	88.00	574	147.00	17
44.00	83	67.00	31	92.00	367	157.00	40
45.00	135	68.00	1199	93.00	538	171.00	19
47.00	210	69.00	1211	94.00	1407	172.00	25
48.00	76	70.00	93	95.00	13553	173.00	38
49.00	571	71.00	22	96.00	907	174.00	12027
50.00	2266	72.00	47	97.00	25	175.00	1007
51.00	754	73.00	534	104.00	18	176.00	11704
52.00	20	74.00	2089	111.00	18	177.00	760
53.00	16	75.00	6254	113.00	17	178.00	22
54.00	18	76.00	582	116.00	55	205.00	24
55.00	18	77.00	105	117.00	78	208.00	37
56.00	170	78.00	80	118.00	28		
57.00	308	79.00	303	119.00	46		

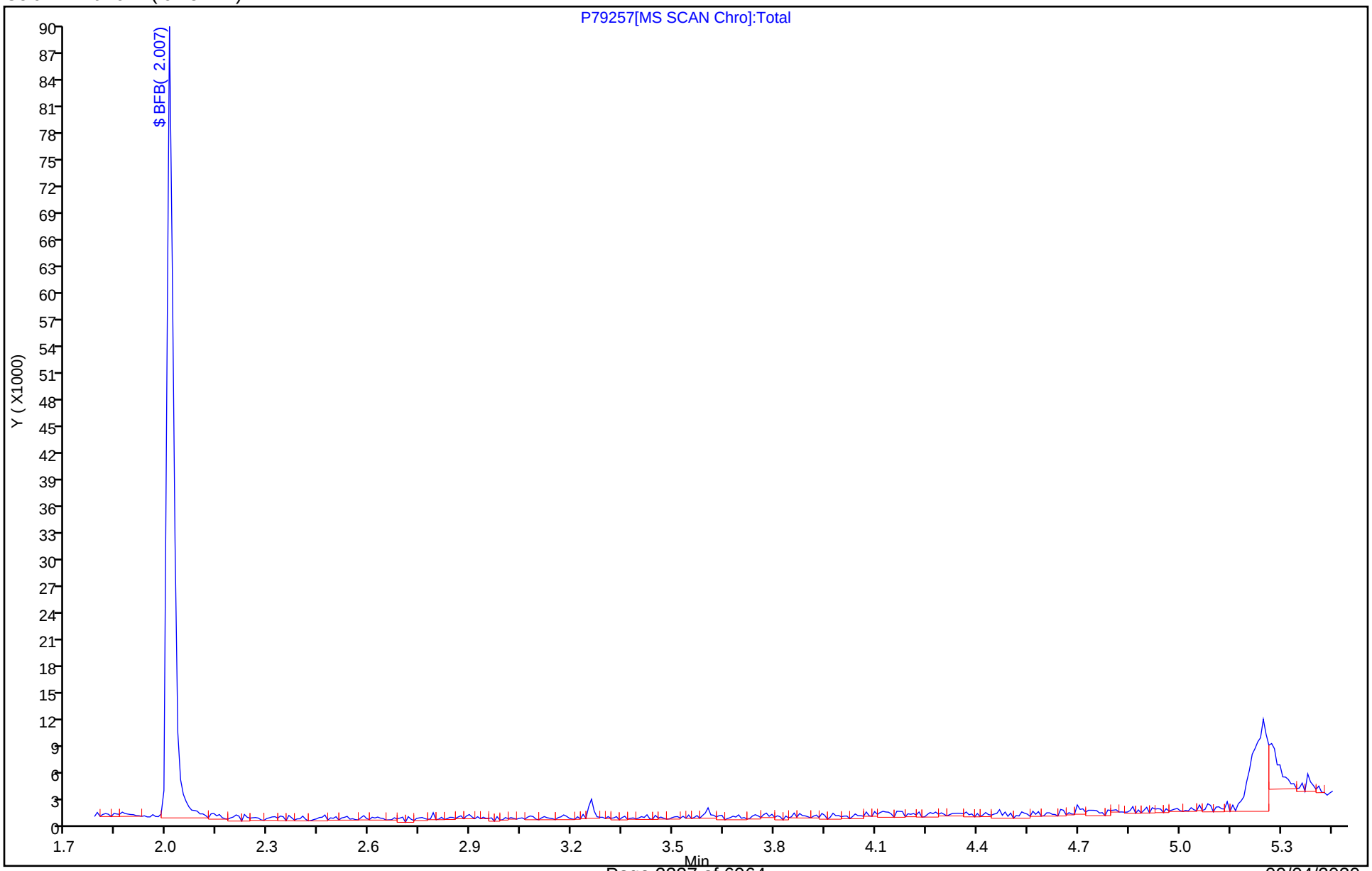
Report Date: 02-Sep-2020 09:54:45 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79257.D

Injection Date:	02-Sep-2020 07:17:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37104.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 02-Aug-2020 23:21:26 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0114382-001
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2020 20:29:05 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1051

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.265	2.265	0.000	77	84591	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

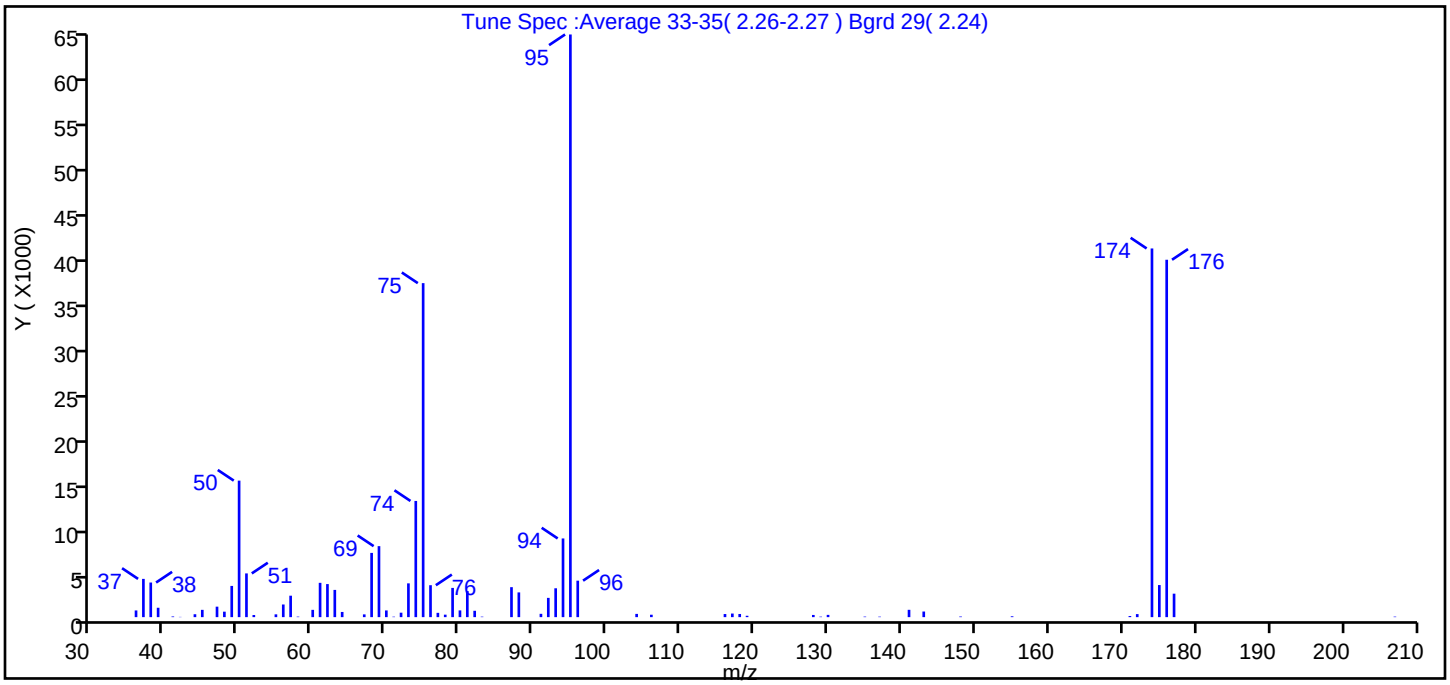
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37104.D
Injection Date: 02-Aug-2020 23:21:26 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.4
75	30 to 60% of m/z 95	57.3
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	63.3
175	5 to 9% of m/z 174	5.5 (8.7)
176	Greater than 95% but less than 101% of m/z 174	61.3 (96.9)
177	5 to 9% of m/z 176	4.0 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37104.D\8260W_15.rslt\spectra.d
Injection Date: 02-Aug-2020 23:21:26
Spectrum: Tune Spec :Average 33-35(2.26-2.27) Bgrd 29(2.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	740	60.00	806	80.00	746	128.00	242
37.00	4228	61.00	3792	81.00	2884	129.00	53
38.00	3826	62.00	3654	82.00	702	130.00	250
39.00	1037	63.00	3010	83.00	54	135.00	59
41.00	75	64.00	573	87.00	3313	137.00	54
42.00	27	67.00	306	88.00	2734	141.00	810
44.00	322	68.00	7100	91.00	367	143.00	621
45.00	806	69.00	7846	92.00	2130	148.00	68
47.00	1158	70.00	741	93.00	3190	155.00	92
48.00	605	71.00	51	94.00	8696	171.00	122
49.00	3450	72.00	492	95.00	64392	172.00	336
50.00	15087	73.00	3734	96.00	4030	174.00	40744
51.00	4833	74.00	12840	104.00	359	175.00	3546
52.00	234	75.00	36912	106.00	268	176.00	39496
55.00	310	76.00	3529	116.00	344	177.00	2594
56.00	1399	77.00	475	117.00	398	207.00	57
57.00	2370	78.00	274	118.00	349		
58.00	58	79.00	3230	119.00	151		

Report Date: 03-Aug-2020 20:29:05 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37104.D

Injection Date: 02-Aug-2020 23:21:26 Instrument ID: CVOAMS15

Lims ID: BFB

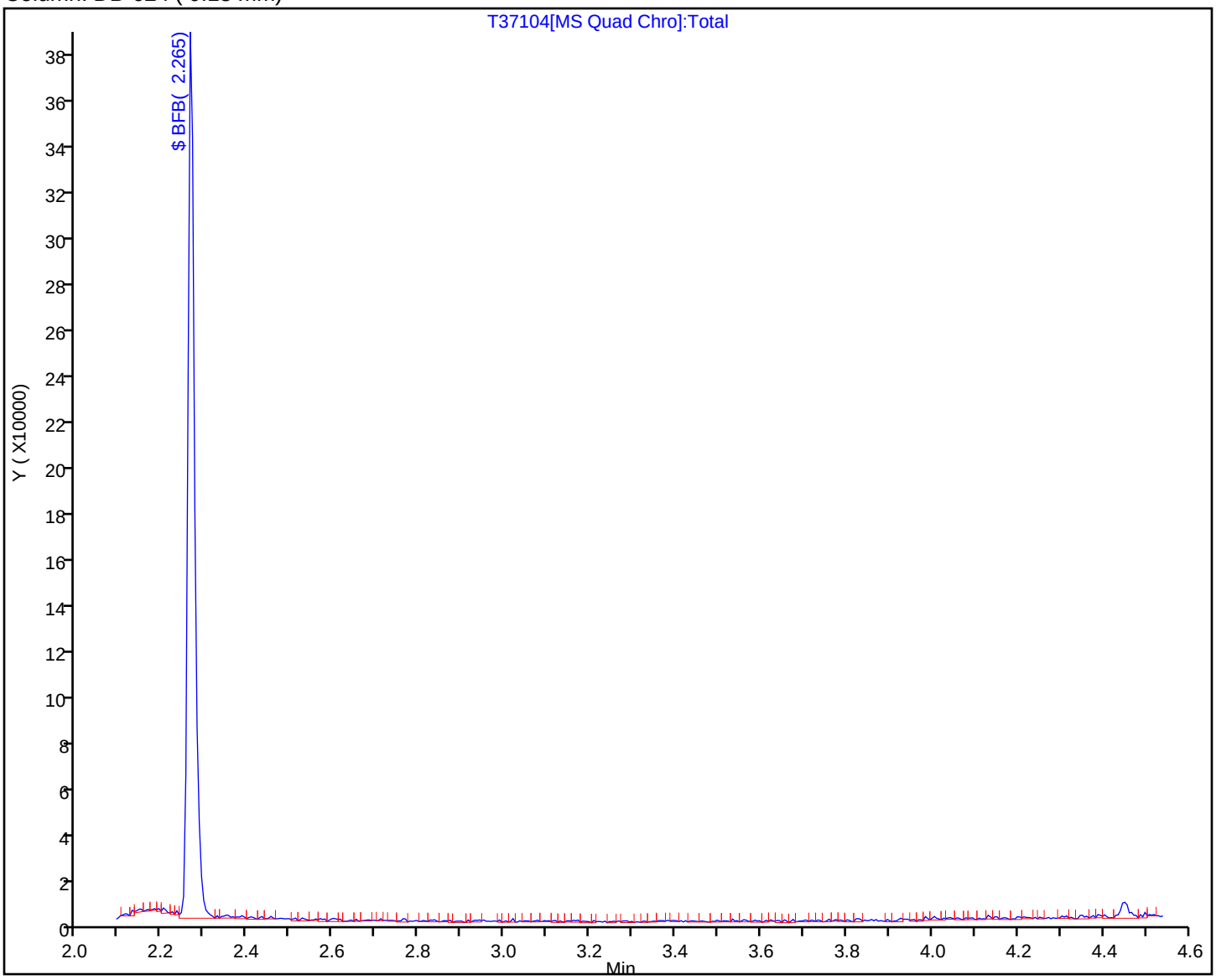
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38361.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	28-Aug-2020 07:14:38	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0115902-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\8260W_15.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	28-Aug-2020 10:35:19	Calib Date:	03-Aug-2020 06:35:14		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1008				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.265	2.265	0.000	82	112186	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

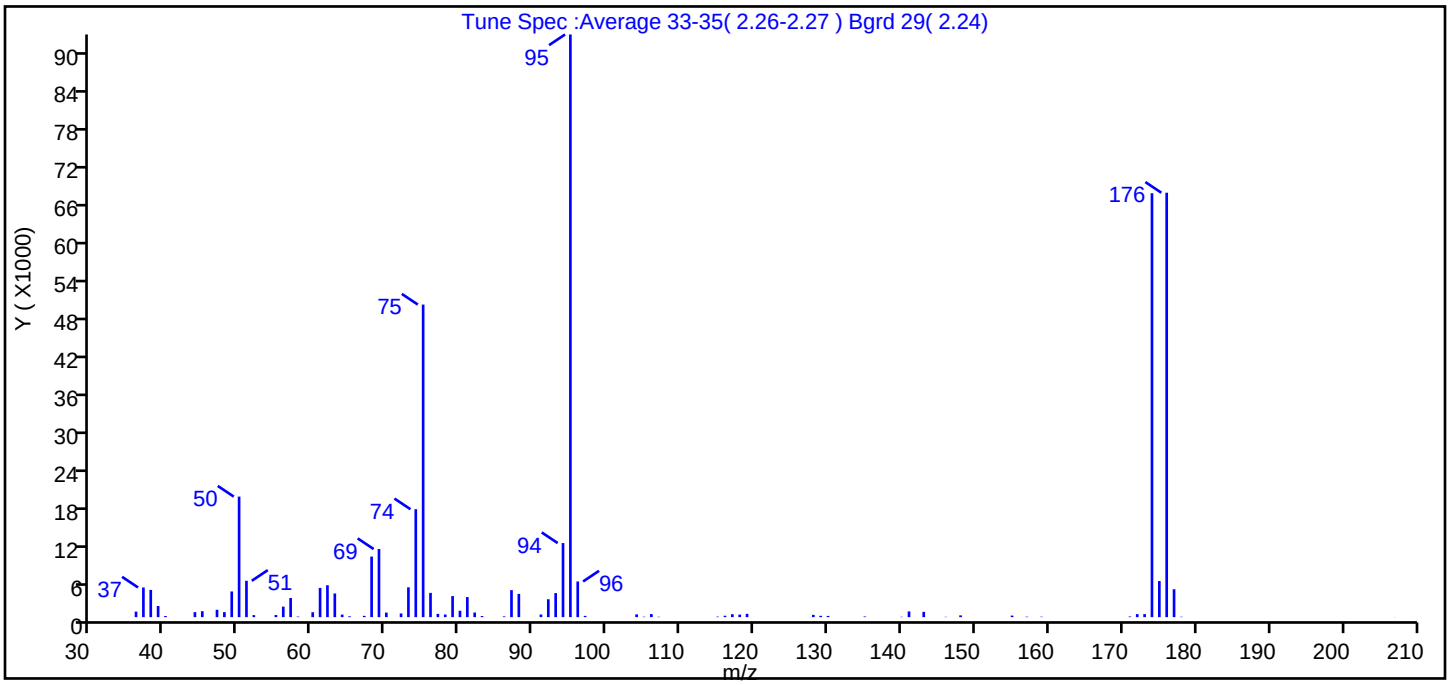
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38361.D
Injection Date: 28-Aug-2020 07:14:38 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.7
75	30 to 60% of m/z 95	53.6
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.5 (0.7)
174	50 to 120% of m/z 95	72.8
175	5 to 9% of m/z 174	6.2 (8.5)
176	Greater than 95% but less than 101% of m/z 174	72.8 (100.1)
177	5 to 9% of m/z 176	4.8 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38361.D\8260W_15.rslt\spectra.d
Injection Date: 28-Aug-2020 07:14:38
Spectrum: Tune Spec :Average 33-35(2.26-2.27) Bgrd 29(2.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	881	63.00	3767	87.00	4297	130.00	192
37.00	4716	64.00	406	88.00	3695	135.00	103
38.00	4332	65.00	130	91.00	424	140.00	53
39.00	1771	67.00	207	92.00	2848	141.00	906
40.00	186	68.00	9638	93.00	3827	143.00	842
44.00	798	69.00	10832	94.00	11784	146.00	51
45.00	945	70.00	724	95.00	92696	148.00	281
47.00	1173	72.00	586	96.00	5673	155.00	246
48.00	798	73.00	4741	97.00	202	157.00	73
49.00	4087	74.00	17168	104.00	441	159.00	66
50.00	19176	75.00	49728	105.00	70	171.00	101
51.00	5785	76.00	3859	106.00	488	172.00	483
52.00	323	77.00	520	107.00	58	173.00	483
55.00	339	78.00	415	115.00	82	174.00	67440
56.00	1674	79.00	3352	116.00	224	175.00	5741
57.00	3048	80.00	1019	117.00	465	176.00	67520
58.00	88	81.00	3195	118.00	410	177.00	4440
60.00	783	82.00	734	119.00	527	178.00	61
61.00	4652	83.00	175	128.00	364	207.00	13
62.00	5078	86.00	118	129.00	212		

Report Date: 28-Aug-2020 10:35:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38361.D

Injection Date: 28-Aug-2020 07:14:38 Instrument ID: CVOAMS15

Lims ID: BFB

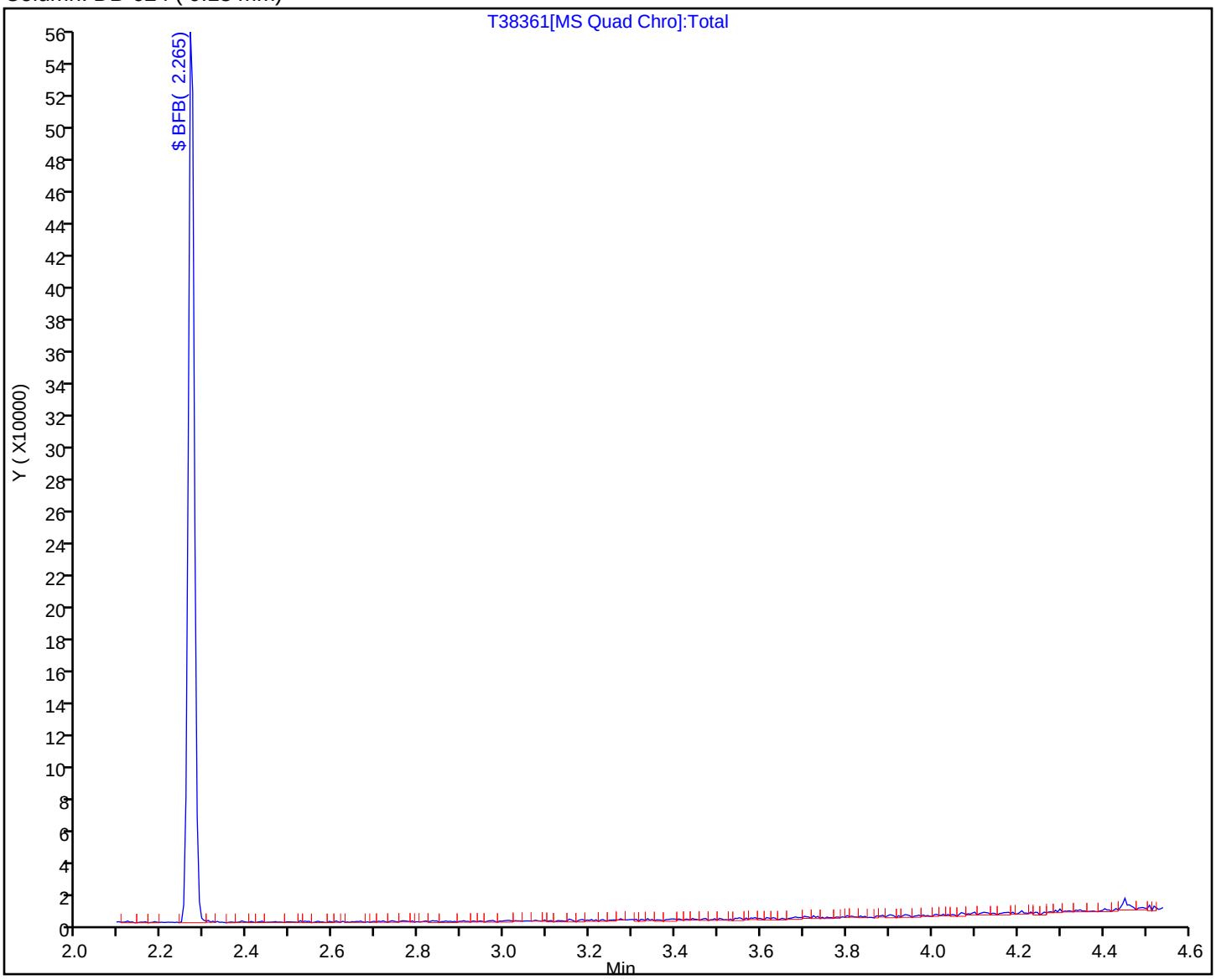
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127620.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	06-Aug-2020 09:00:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0114599-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\8260W_17.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	06-Aug-2020 20:04:59	Calib Date:	06-Aug-2020 11:38:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1055				
First Level Reviewer: martineze		Date:	06-Aug-2020 09:12:56		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.855	2.855	0.000	78	8933	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

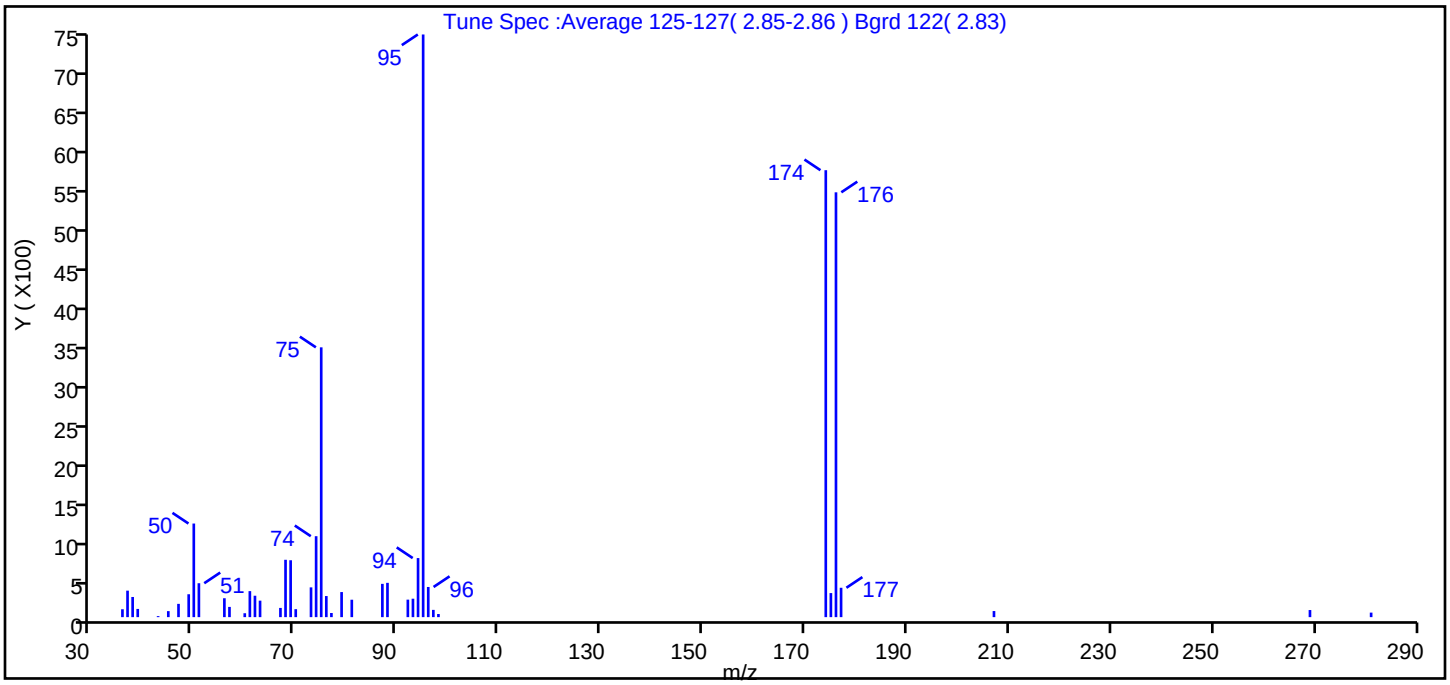
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127620.D
Injection Date: 06-Aug-2020 09:00:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.1
75	30 to 60% of m/z 95	46.3
96	5 to 9% of m/z 95	5.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	76.7
175	5 to 9% of m/z 174	4.1 (5.4)
176	Greater than 95% but less than 101% of m/z 174	72.9 (95.1)
177	5 to 9% of m/z 176	5.0 (6.9)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127620.D\8260W_17.rslt\spectra.d
Injection Date: 06-Aug-2020 09:00:30
Spectrum: Tune Spec :Average 125-127(2.85-2.86) Bgrd 122(2.83)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	101	57.00	131	75.00	3453	96.00	386
37.00	339	60.00	50	76.00	270	97.00	93
38.00	258	61.00	333	77.00	53	98.00	40
39.00	105	62.00	274	79.00	321	174.00	5720
43.00	13	63.00	211	81.00	223	175.00	308
45.00	77	67.00	118	87.00	426	176.00	5437
47.00	170	68.00	734	88.00	439	177.00	376
49.00	293	69.00	728	92.00	224	207.00	78
50.00	1198	70.00	102	93.00	236	269.00	91
51.00	434	73.00	381	94.00	756	281.00	58
56.00	242	74.00	1036	95.00	7457		

Report Date: 06-Aug-2020 20:04:59 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127620.D

Injection Date: 06-Aug-2020 09:00:30 Instrument ID: CVOAMS17

Lims ID: BFB

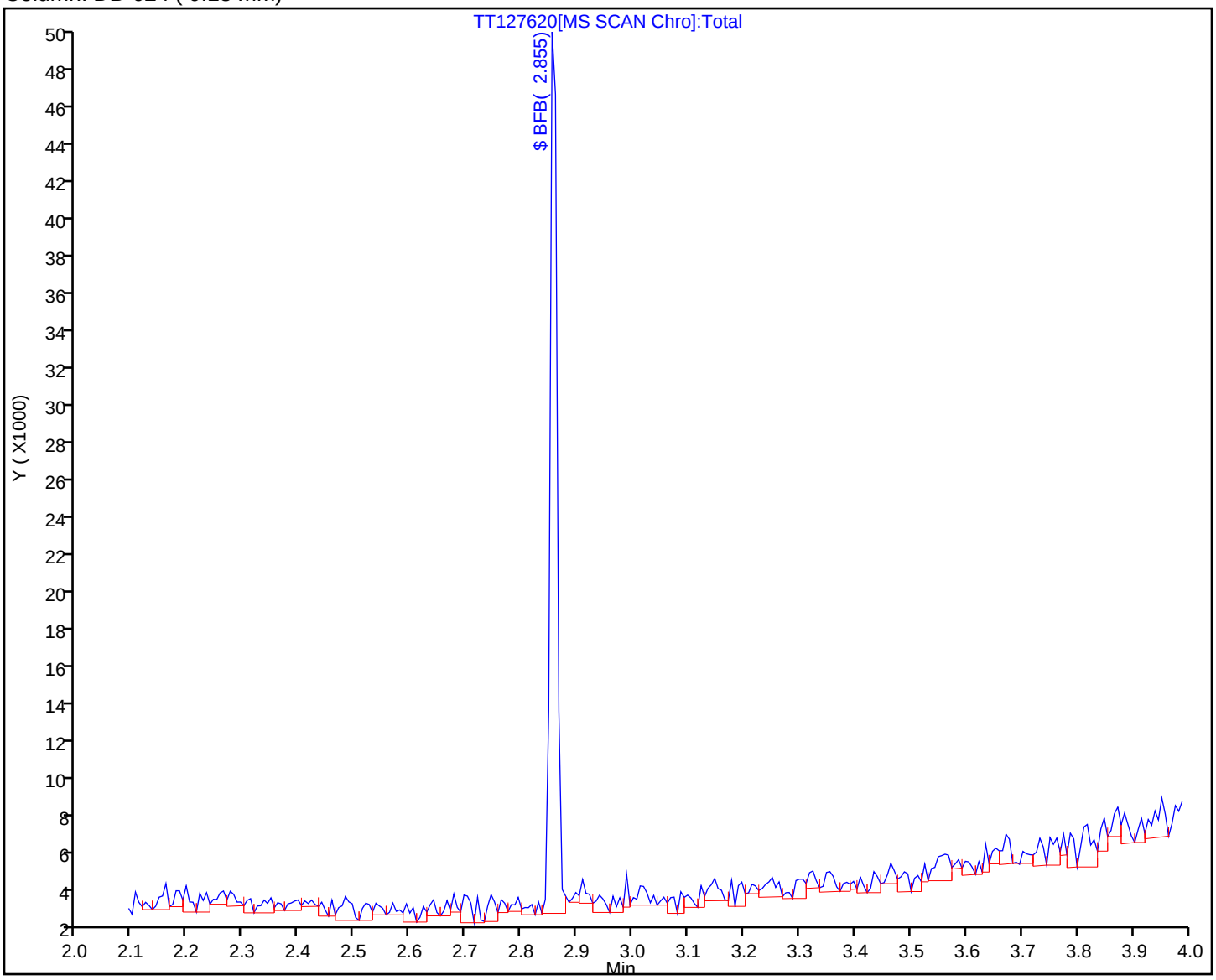
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129117.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	02-Sep-2020 06:20:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0116143-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	02-Sep-2020 09:59:10	Calib Date:	06-Aug-2020 11:38:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1070				
First Level Reviewer: desais		Date:	02-Sep-2020 06:28:26		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.867	2.867	0.000	88	64144	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

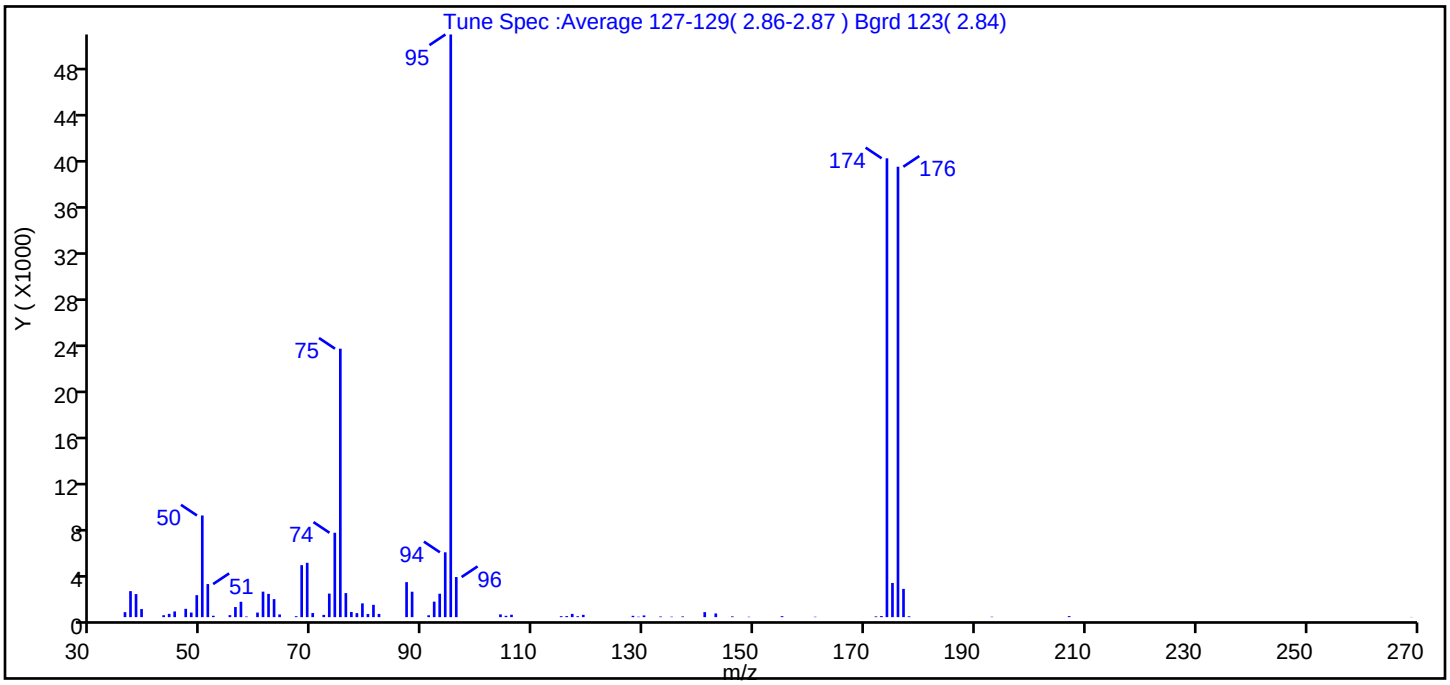
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129117.D
Injection Date: 02-Sep-2020 06:20:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.4
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	78.8
175	5 to 9% of m/z 174	5.9 (7.4)
176	Greater than 95% but less than 101% of m/z 174	77.3 (98.2)
177	5 to 9% of m/z 176	4.8 (6.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129117.D\8260W_17.rslt\spectra.d
Injection Date: 02-Sep-2020 06:20:30
Spectrum: Tune Spec :Average 127-129(2.86-2.87) Bgrd 123(2.84)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	434	62.00	2026	88.00	2214	135.00	40
37.00	2267	63.00	1570	91.00	162	137.00	61
38.00	2009	64.00	236	92.00	1351	141.00	438
39.00	705	67.00	84	93.00	2039	143.00	321
43.00	167	68.00	4528	94.00	5648	146.00	66
44.00	286	69.00	4732	95.00	50752	149.00	34
45.00	496	70.00	358	96.00	3493	155.00	86
47.00	724	72.00	197	104.00	241	161.00	35
48.00	400	73.00	2051	105.00	116	172.00	67
49.00	1915	74.00	7350	106.00	207	173.00	97
50.00	8855	75.00	23384	115.00	85	174.00	39968
51.00	2882	76.00	2095	116.00	93	175.00	2976
52.00	121	77.00	451	117.00	283	176.00	39232
55.00	175	78.00	350	118.00	79	177.00	2460
56.00	879	79.00	1200	119.00	202	178.00	74
57.00	1339	80.00	275	128.00	116	193.00	35
58.00	56	81.00	1071	129.00	38	207.00	89
60.00	398	82.00	282	130.00	148	269.00	16
61.00	2221	87.00	3050	133.00	57		

Report Date: 02-Sep-2020 09:59:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129117.D

Injection Date: 02-Sep-2020 06:20:30 Instrument ID: CVOAMS17

Lims ID: BFB

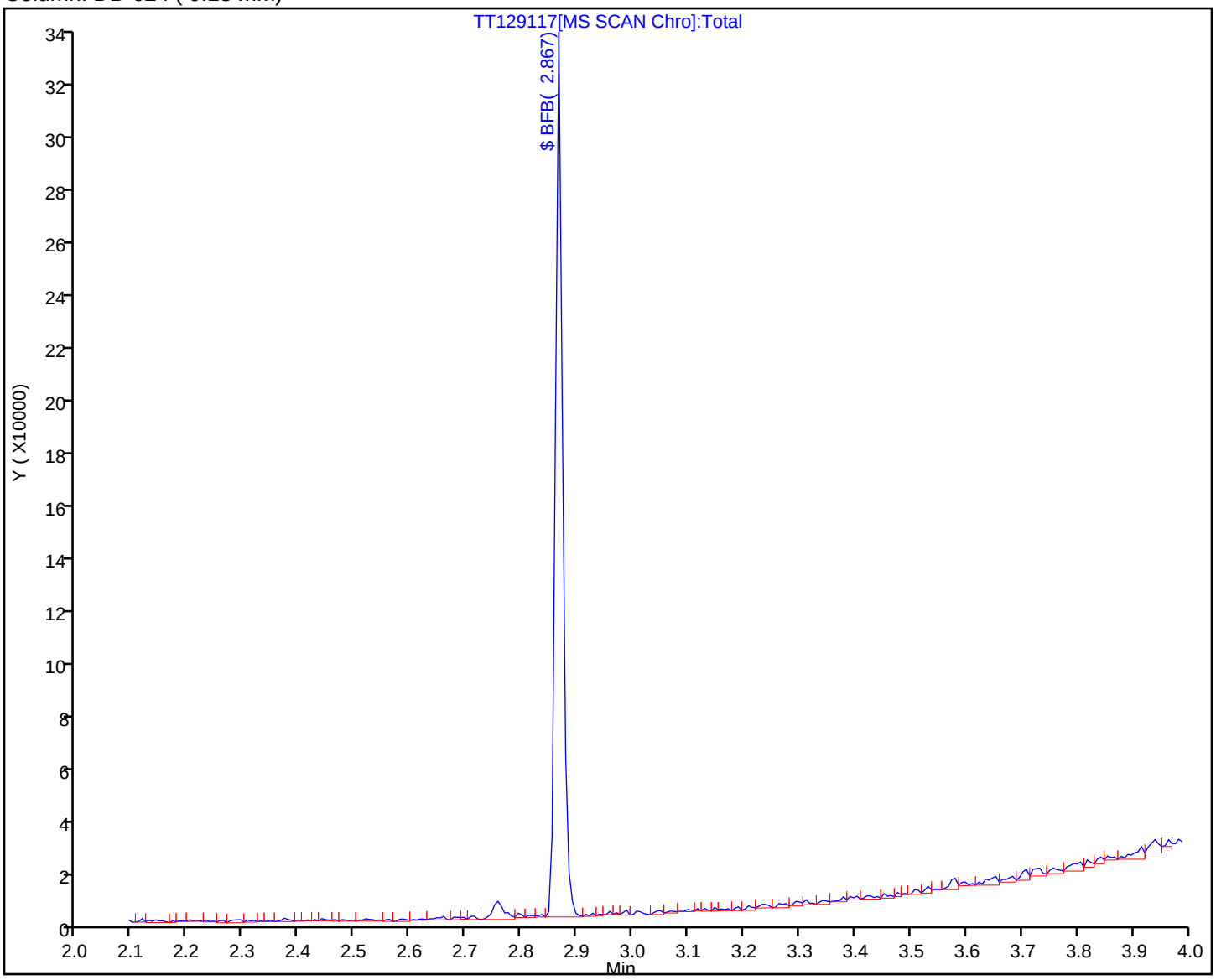
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129152.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	02-Sep-2020 19:22:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0116195-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\8260W_17.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	03-Sep-2020 08:30:18	Calib Date:	06-Aug-2020 11:38:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1040				
First Level Reviewer: parekhv		Date:	02-Sep-2020 19:28:06		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.861	2.861	0.000	89	54358	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

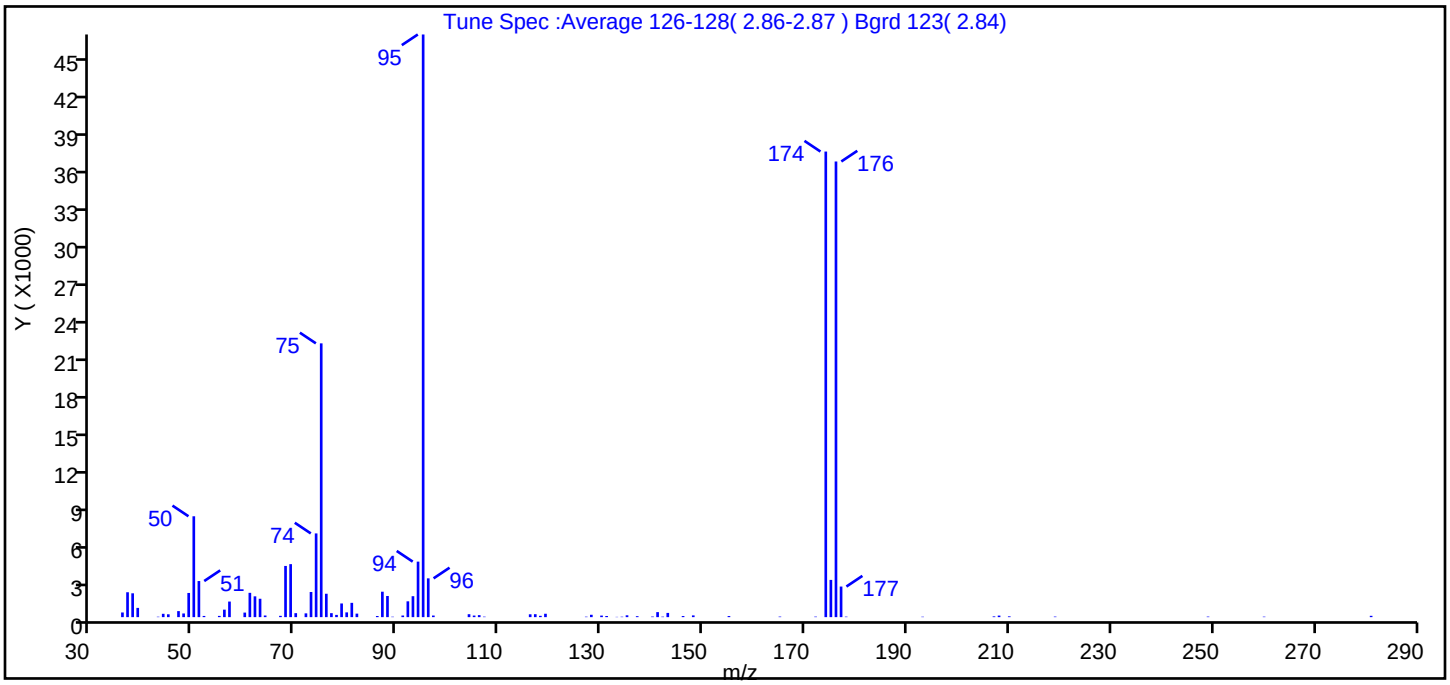
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129152.D
Injection Date: 02-Sep-2020 19:22:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.3
75	30 to 60% of m/z 95	47.0
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	79.9
175	5 to 9% of m/z 174	6.4 (8.0)
176	Greater than 95% but less than 101% of m/z 174	78.2 (97.9)
177	5 to 9% of m/z 176	5.3 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129152.D\8260W_17.rslt\spectra.d
Injection Date: 02-Sep-2020 19:22:30
Spectrum: Tune Spec :Average 126-128(2.86-2.87) Bgrd 123(2.84)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 85

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	376	68.00	4121	95.00	46904	143.00	340
37.00	2004	69.00	4267	96.00	3123	146.00	89
38.00	1919	70.00	321	97.00	129	148.00	140
39.00	744	72.00	305	104.00	236	155.00	87
43.00	34	73.00	2024	105.00	128	165.00	45
44.00	269	74.00	6740	106.00	162	172.00	42
45.00	230	75.00	22040	107.00	39	174.00	37480
47.00	486	76.00	1883	116.00	229	175.00	2998
48.00	296	77.00	321	117.00	238	176.00	36680
49.00	1947	78.00	181	118.00	106	177.00	2463
50.00	8120	79.00	1101	119.00	273	178.00	40
51.00	2906	80.00	383	127.00	38	193.00	34
52.00	96	81.00	1151	128.00	191	207.00	61
55.00	100	82.00	283	130.00	126	208.00	125
56.00	604	86.00	91	131.00	92	210.00	64
57.00	1255	87.00	2047	133.00	21	219.00	44
60.00	367	88.00	1703	134.00	35	249.00	44
61.00	1957	89.00	34	135.00	148	260.00	39
62.00	1675	91.00	130	137.00	78	281.00	107
63.00	1480	92.00	1274	140.00	48		
64.00	132	93.00	1686	141.00	404		
67.00	105	94.00	4469	142.00	40		

Report Date: 03-Sep-2020 08:30:19 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129152.D

Injection Date: 02-Sep-2020 19:22:30 Instrument ID: CVOAMS17

Lims ID: BFB

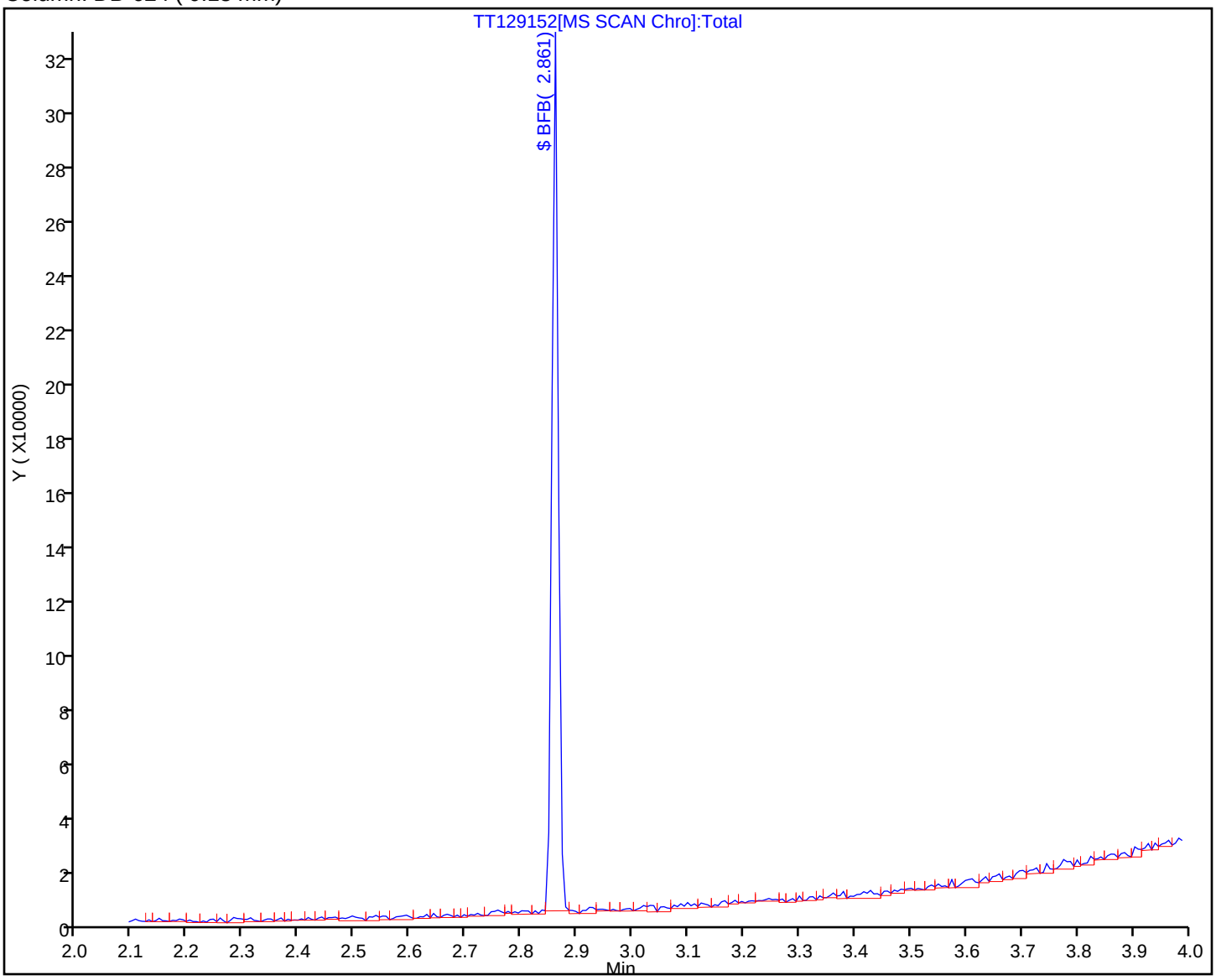
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62311.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	18-Aug-2020 09:12:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0115309-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\8260S_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	19-Aug-2020 10:56:50	Calib Date:	18-Aug-2020 12:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1033				
First Level Reviewer: tupayachia		Date:	18-Aug-2020 09:19:20		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 131 BFB	95	1.839	1.839	0.000	80	6550688	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

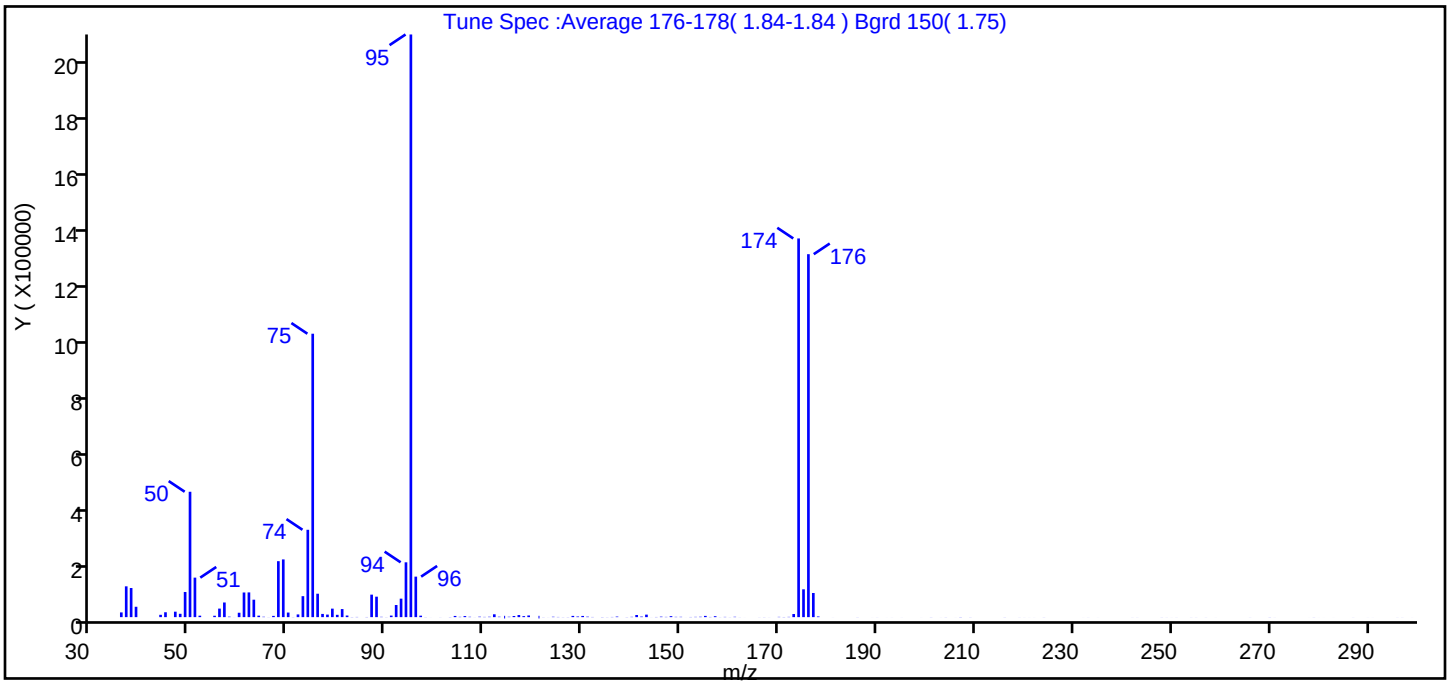
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62311.D
Injection Date: 18-Aug-2020 09:12:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 131 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.5
75	30 to 60% of m/z 95	48.6
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.5 (0.8)
174	50 to 120% of m/z 95	65.0
175	5 to 9% of m/z 174	4.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	62.3 (95.8)
177	5 to 9% of m/z 176	4.1 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62311.D\8260S_2.rslt\spectra.d
Injection Date: 18-Aug-2020 09:12:30
Spectrum: Tune Spec :Average 176-178(1.84-1.84) Bgrd 150(1.75)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	16314	88.00	70600	136.00	647	193.00	96
37.00	106280	89.00	1059	137.00	1972	195.00	83
38.00	100464	90.00	284	139.00	373	199.00	69
39.00	35768	91.00	5386	140.00	1082	201.00	263
44.00	8034	92.00	41816	141.00	7416	203.00	83
45.00	16848	93.00	63800	142.00	1931	204.00	243
47.00	18848	94.00	189120	143.00	8635	206.00	76
48.00	11555	95.00	2009600	144.00	117	207.00	511
49.00	86768	96.00	139712	145.00	593	209.00	253
50.00	432448	97.00	5085	146.00	1719	216.00	247
51.00	136256	98.00	335	147.00	844	219.00	156
52.00	5043	99.00	99	148.00	3423	220.00	102
55.00	4816	101.00	188	149.00	977	221.00	80
56.00	29488	103.00	455	150.00	1086	222.00	80
57.00	50544	104.00	4143	151.00	66	224.00	212
58.00	1648	105.00	1055	152.00	578	232.00	57
59.00	130	106.00	3687	153.00	951	233.00	116
60.00	15162	107.00	1246	154.00	1327	235.00	55
61.00	85032	108.00	137	155.00	4298	242.00	135
62.00	85312	109.00	1573	156.00	642	243.00	125
63.00	60192	110.00	796	157.00	3202	248.00	192
64.00	5149	111.00	1332	158.00	231	249.00	132
65.00	1318	112.00	9841	159.00	847	250.00	74
66.00	266	113.00	1469	160.00	229	251.00	136
67.00	4307	114.00	1	161.00	1221	254.00	142
68.00	193024	115.00	1317	162.00	173	255.00	142
69.00	199104	116.00	3883	163.00	69	257.00	144
70.00	15824	117.00	7209	166.00	174	259.00	65
71.00	363	118.00	3499	167.00	271	266.00	138
72.00	9359	119.00	5756	168.00	125	270.00	300
73.00	72352	121.00	2	170.00	911	271.00	103
74.00	301312	122.00	284	171.00	518	278.00	50
75.00	977536	123.00	118	172.00	896	279.00	205

Report Date: 19-Aug-2020 10:56:50 Chrom Revision: 2.3 17-Aug-2020 20:42:08
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62311.D\8260S_2.rslt\spectra.d
Injection Date: 18-Aug-2020 09:12:30
Spectrum: Tune Spec :Average 176-178(1.84-1.84) Bgrd 150(1.75)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	80792	124.00	1349	173.00	10773	280.00	53
77.00	11107	125.00	657	174.00	1306112	281.00	42
78.00	8835	126.00	306	175.00	95968	283.00	51
79.00	29336	127.00	356	176.00	1251840	287.00	128
80.00	8016	128.00	4291	177.00	83288	290.00	73
81.00	27840	129.00	2169	178.00	2192	291.00	70
82.00	5598	130.00	4164	181.00	94	296.00	131
83.00	449	131.00	1648	186.00	234	297.00	135
84.00	680	132.00	607	189.00	60	299.00	54
86.00	541	134.00	500	190.00	127		
87.00	77608	135.00	293	192.00	51		

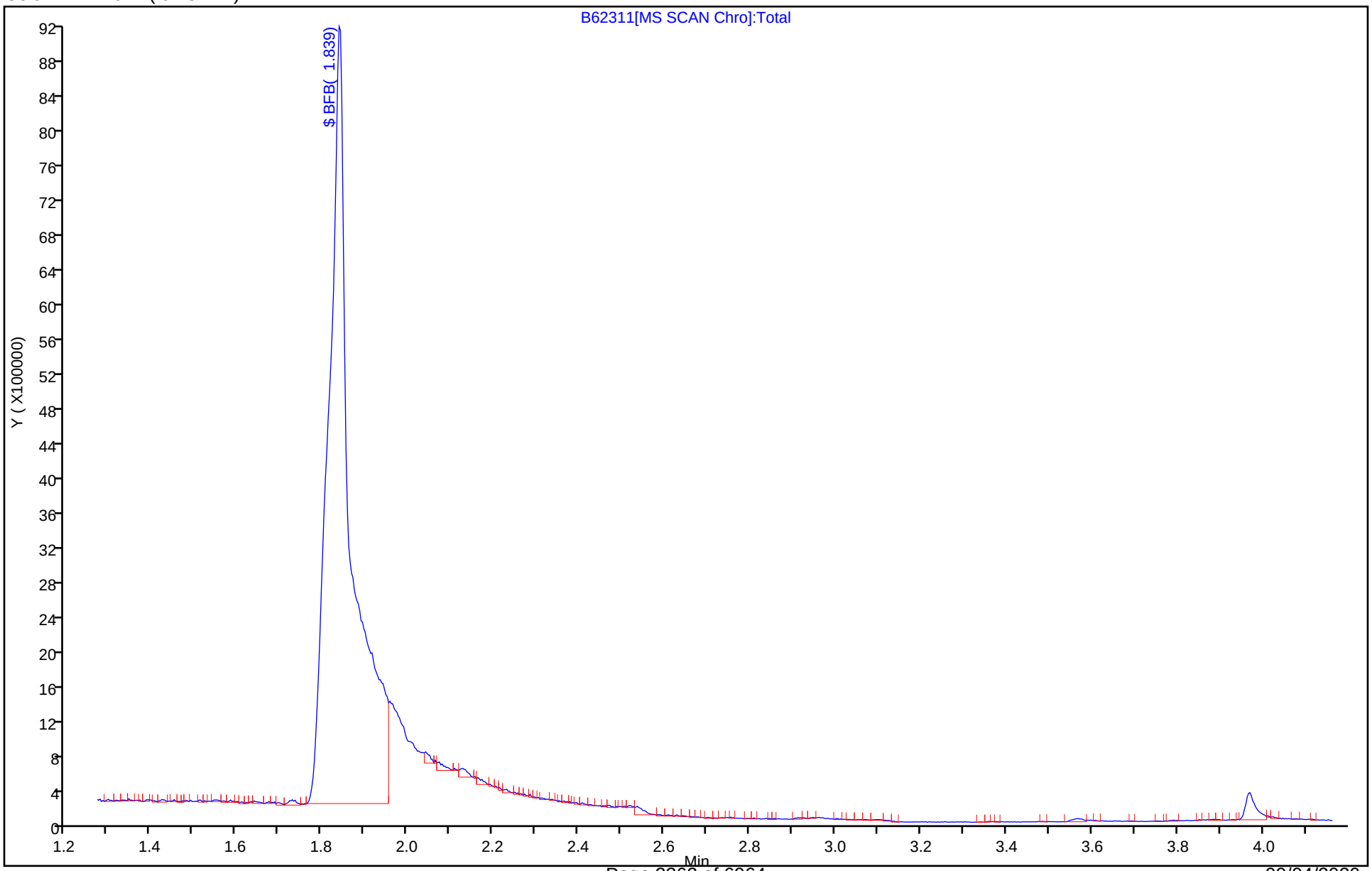
Report Date: 19-Aug-2020 10:56:50 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62311.D

Injection Date:	18-Aug-2020 09:12:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628601.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Aug-2020 16:26:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0115927-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 16:33:49 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1050

First Level Reviewer: parekhv Date: 28-Aug-2020 16:33:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 131 BFB	95	1.875	1.875	0.000	1	6419609	NR	NR	Ma

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

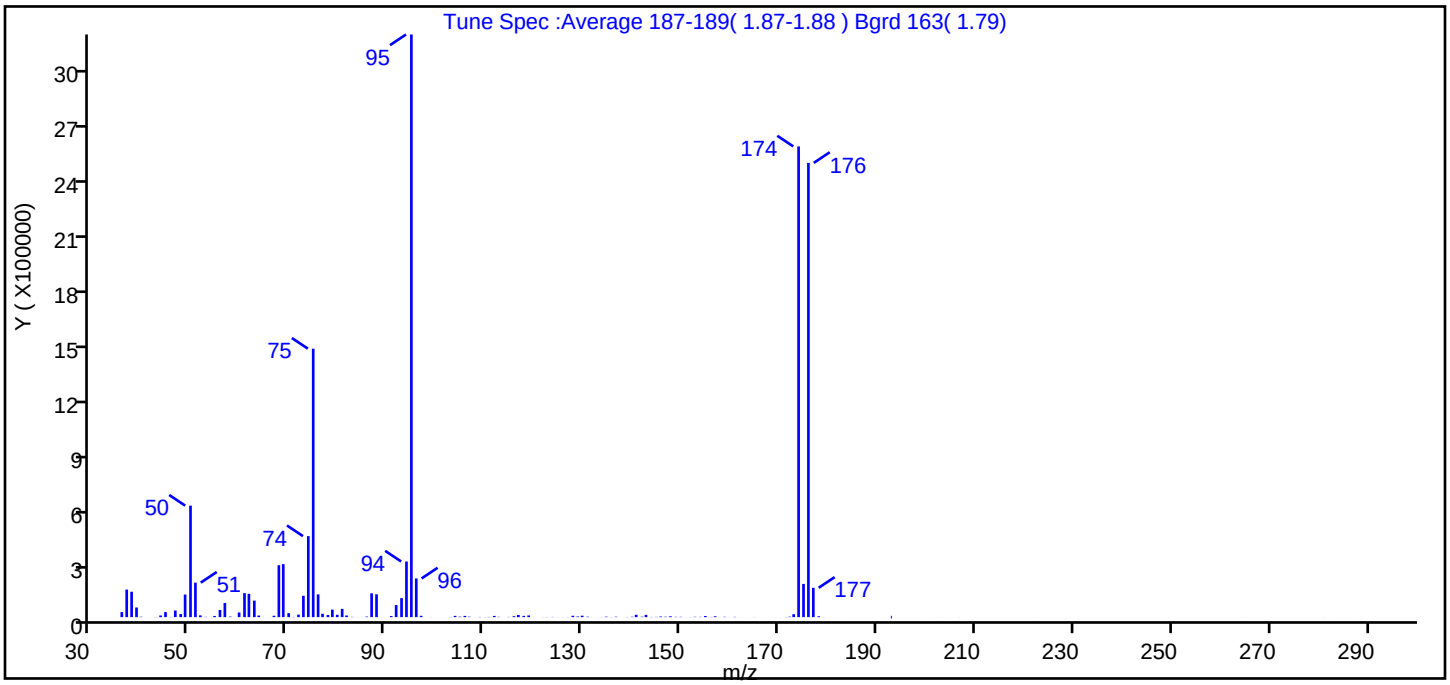
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628601.D
Injection Date: 28-Aug-2020 16:26:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 131 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.1
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.5 (0.6)
174	50 to 120% of m/z 95	80.8
175	5 to 9% of m/z 174	5.7 (7.1)
176	Greater than 95% but less than 101% of m/z 174	78.0 (96.5)
177	5 to 9% of m/z 176	5.0 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628601.D\8260S_2.rslt\spectra.d
Injection Date: 28-Aug-2020 16:26:30
Spectrum: Tune Spec :Average 187-189(1.87-1.88) Bgrd 163(1.79)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	26944	79.00	40704	124.00	1041	165.00	471
37.00	148160	80.00	12668	125.00	447	166.00	67
38.00	136576	81.00	44440	126.00	532	168.00	97
39.00	51912	82.00	8924	127.00	707	168.00	62
40.00	2105	83.00	1184	128.00	7398	169.00	310
43.00	749	84.00	273	129.00	3429	170.00	376
44.00	8979	85.00	303	130.00	7811	172.00	943
45.00	27320	86.00	2957	131.00	2376	172.00	2253
46.00	863	87.00	127896	132.00	279	173.00	15870
47.00	35600	88.00	122816	133.00	196	174.00	2529792
48.00	16624	89.00	164	134.00	529	175.00	178560
49.00	121656	91.00	5818	135.00	2549	176.00	2441216
50.00	599296	92.00	65160	136.00	637	177.00	157696
51.00	185408	93.00	102296	137.00	2287	178.00	4553
52.00	9349	94.00	299136	138.00	65	179.00	560
53.00	1440	95.00	3131392	139.00	813	184.00	123
54.00	79	96.00	208000	140.00	2024	187.00	90
55.00	6317	97.00	7288	141.00	12816	189.00	97
56.00	38632	99.00	415	142.00	2304	190.00	52
57.00	76224	102.00	72	143.00	12217	193.00	1
58.00	2829	103.00	996	144.00	961	200.00	118
60.00	24944	104.00	6890	145.00	1412	202.00	173
61.00	129152	105.00	2584	146.00	3386	207.00	270
62.00	125384	106.00	6641	147.00	2075	213.00	80
63.00	88744	107.00	2322	148.00	4655	223.00	149
64.00	8620	108.00	383	149.00	1643	229.00	126
65.00	367	109.00	1205	150.00	1692	243.00	73
66.00	72	110.00	730	151.00	223	248.00	134
67.00	7473	111.00	1138	152.00	757	249.00	54
68.00	279040	112.00	6535	153.00	1775	260.00	51
69.00	284928	113.00	1575	154.00	1403	265.00	170
70.00	21536	114.00	77	155.00	6016	272.00	93
71.00	1131	115.00	1225	156.00	892	276.00	62

Report Date: 28-Aug-2020 16:33:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628601.D\8260S_2.rslt\spectra.d
Injection Date: 28-Aug-2020 16:26:30
Spectrum: Tune Spec :Average 187-189(1.87-1.88) Bgrd 163(1.79)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	13631	116.00	5098	157.00	4664	281.00	215
73.00	114888	117.00	11859	158.00	484	282.00	65
74.00	435328	118.00	6775	159.00	1900	283.00	73
75.00	1442816	119.00	9083	160.00	238	287.00	151
76.00	122400	120.00	186	161.00	1475	292.00	52
77.00	18112	122.00	440	162.00	166	300.00	51
78.00	11754	123.00	869	163.00	65		

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

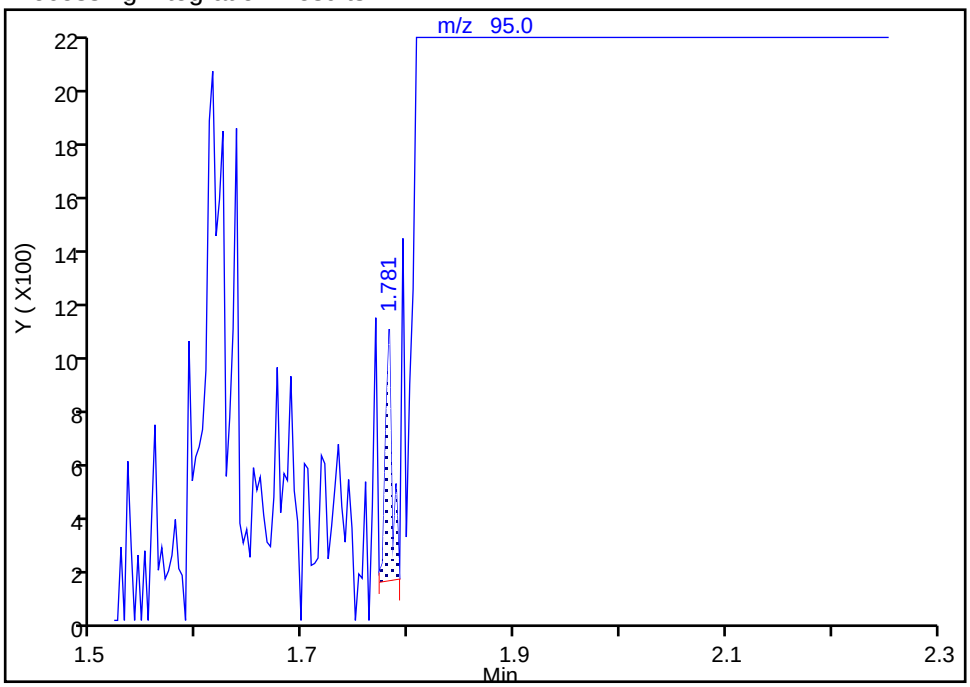
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628601.D
Injection Date: 28-Aug-2020 16:26:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 131 BFB, CAS: 460-00-4

Signal: 1

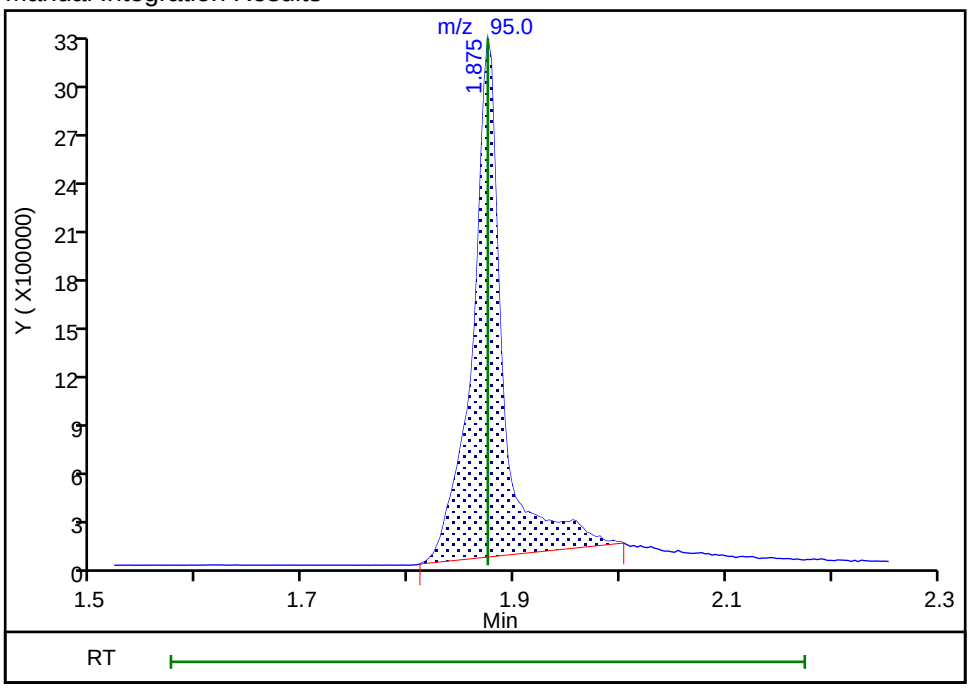
Processing Integration Results

RT: 1.78
Area: 399
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 6419609
Amount: 0
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 16:33:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

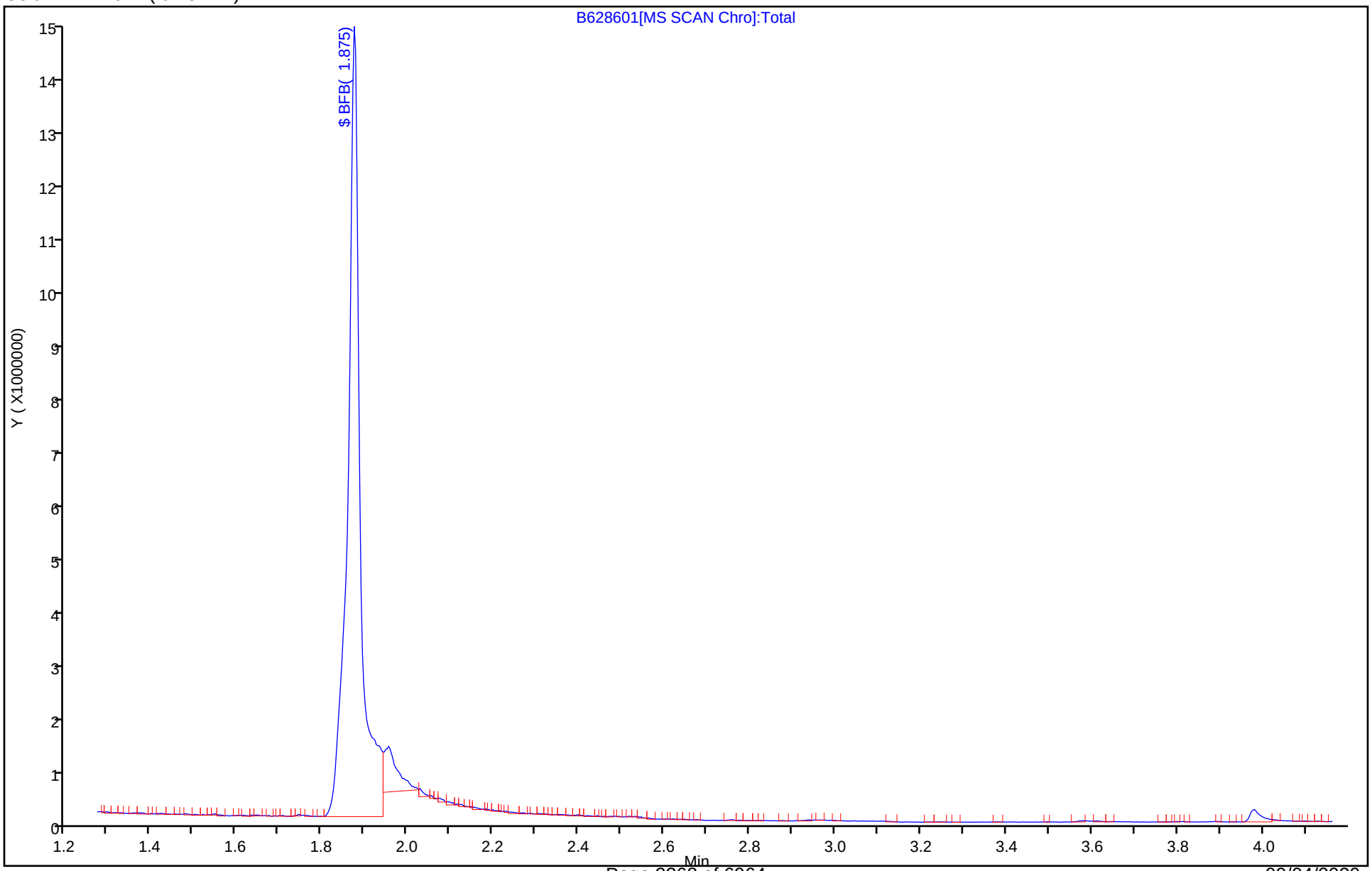
Report Date: 28-Aug-2020 16:33:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628601.D

Injection Date:	28-Aug-2020 16:26:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62630.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	29-Aug-2020 04:48:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0115948-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	29-Aug-2020 15:27:03	Calib Date:	18-Aug-2020 12:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1061				
First Level Reviewer: parekhv		Date:	29-Aug-2020 15:27:03		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 131 BFB	95	1.833	1.833	0.000	81	5670943	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

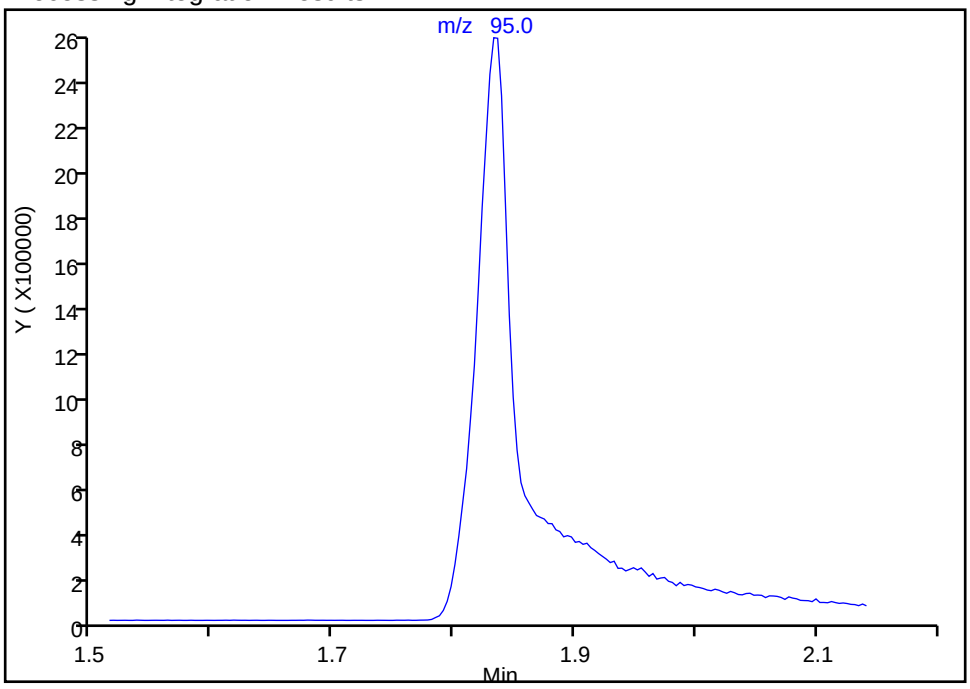
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62630.D		
Injection Date:	29-Aug-2020 04:48:30	Instrument ID:	CVOAMS2
Lims ID:	BFB		
Client ID:			
Operator ID:		ALS Bottle#:	99 Worklist Smp#: 1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

$ 131 BFB, CAS: 460-00-4

Signal: 1

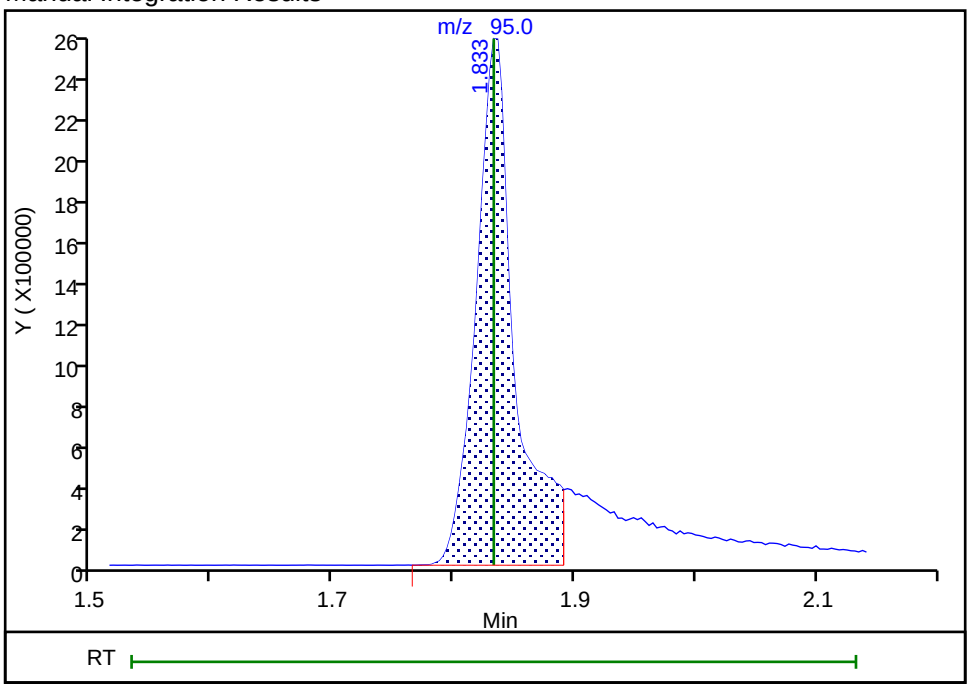
Not Detected
Expected RT: 1.83

Processing Integration Results



Manual Integration Results

RT: 1.83
Area: 5670943
Amount: 0
Amount Units: ug/l



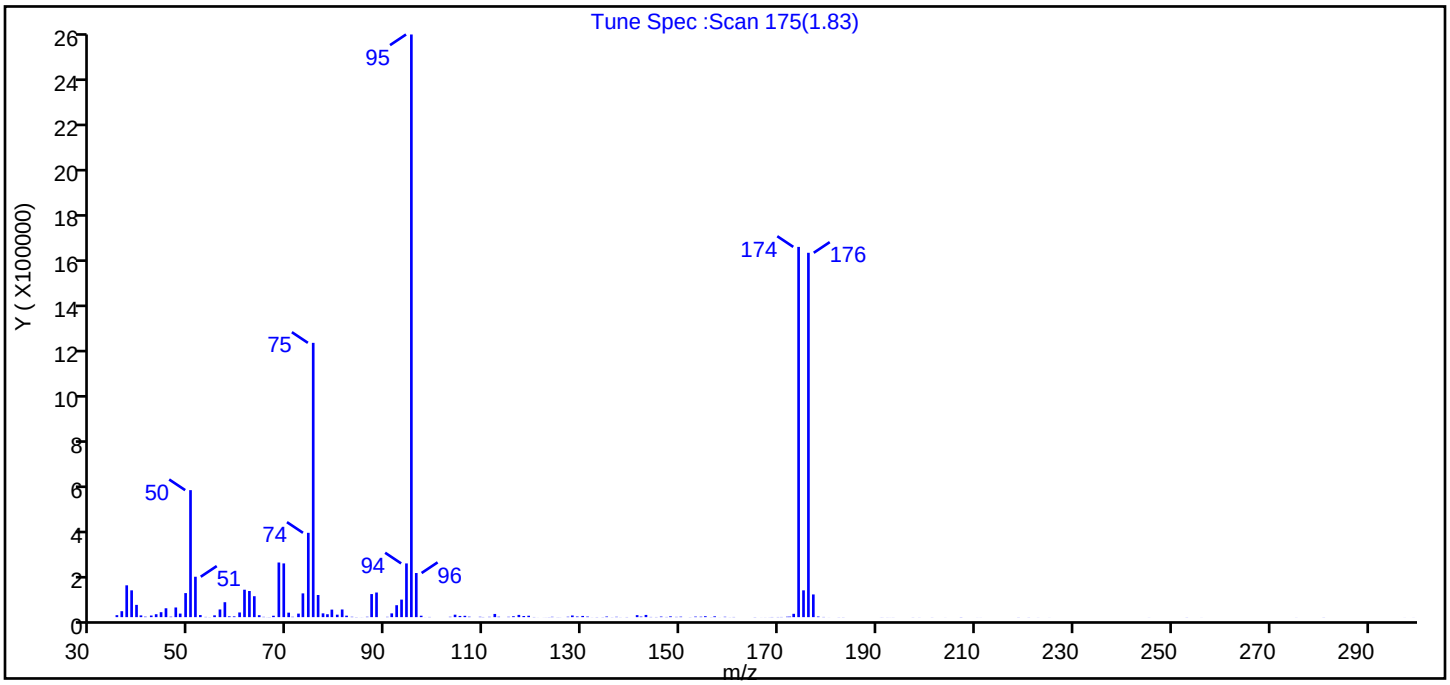
Reviewer: tupayachia, 29-Aug-2020 04:56:54
Audit Action: New Tune Spectrum Audit Reason:

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62630.D
Injection Date: 29-Aug-2020 04:48:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 131 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.8
75	30 to 60% of m/z 95	47.1
96	5 to 9% of m/z 95	7.6
173	Less than 2% of m/z 174	0.6 (0.9)
174	50 to 120% of m/z 95	63.5
175	5 to 9% of m/z 174	4.6 (7.2)
176	Greater than 95% but less than 101% of m/z 174	62.5 (98.4)
177	5 to 9% of m/z 176	3.9 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62630.D\8260S_2.rslt\spectra.d
Injection Date: 29-Aug-2020 04:48:30
Spectrum: Tune Spec :Scan 175(1.83)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	8594	75.00	1191424	121.00	152	166.00	150
36.00	25872	76.00	96176	122.00	177	167.00	265
37.00	138240	77.00	16512	123.00	247	168.00	277
38.00	116440	78.00	12570	123.00	492	169.00	710
39.00	53272	79.00	32728	124.00	1434	170.00	717
40.00	7609	80.00	10729	125.00	386	170.00	793
41.00	2090	81.00	33296	125.00	298	172.00	1895
42.00	7017	82.00	6436	127.00	1763	172.00	2275
43.00	12717	83.00	1559	128.00	7213	173.00	14486
44.00	21552	84.00	616	129.00	2721	174.00	1608192
45.00	38568	85.00	172	130.00	5286	175.00	116448
46.00	1984	85.00	187	131.00	2503	176.00	1582592
47.00	41976	86.00	1599	132.00	241	177.00	98616
48.00	15474	87.00	100264	133.00	653	178.00	2554
49.00	104440	88.00	106960	134.00	537	179.00	858
50.00	551616	90.00	1329	135.00	2749	180.00	180
51.00	175488	91.00	16384	136.00	420	182.00	398
52.00	9046	92.00	51832	137.00	1513	183.00	407
53.00	993	93.00	76264	138.00	316	191.00	234
54.00	460	94.00	233344	139.00	684	191.00	223
55.00	7869	95.00	2530816	141.00	8703	192.00	271
56.00	33440	96.00	191616	142.00	2340	193.00	167
57.00	64880	97.00	6195	143.00	9620	193.00	273
58.00	3492	98.00	176	144.00	875	197.00	365
59.00	3379	99.00	848	145.00	716	199.00	281
60.00	20296	103.00	1544	146.00	2538	201.00	341
61.00	119136	104.00	10654	147.00	832	204.00	181
62.00	113504	105.00	5191	148.00	3493	207.00	613
63.00	90904	106.00	5834	149.00	1147	210.00	165
64.00	8481	107.00	1993	150.00	2077	211.00	150
65.00	1270	109.00	1564	152.00	467	219.00	417
66.00	305	110.00	707	153.00	2428	221.00	367
66.00	557	111.00	1372	154.00	1937	223.00	217

Report Date: 29-Aug-2020 15:27:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62630.D\8260S_2.rslt\spectra.d
Injection Date: 29-Aug-2020 04:48:30
Spectrum: Tune Spec :Scan 175(1.83)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
67.00	6060	112.00	13942	155.00	4052	225.00	171
68.00	237312	113.00	1827	156.00	392	245.00	208
69.00	233408	115.00	1507	157.00	3537	253.00	380
70.00	19472	116.00	3940	158.00	198	256.00	161
71.00	1590	117.00	9732	159.00	1666	275.00	228
72.00	15353	118.00	4932	160.00	279	281.00	380
73.00	103232	119.00	6135	161.00	795	298.00	151
74.00	366272	120.00	697	165.00	623	299.00	176

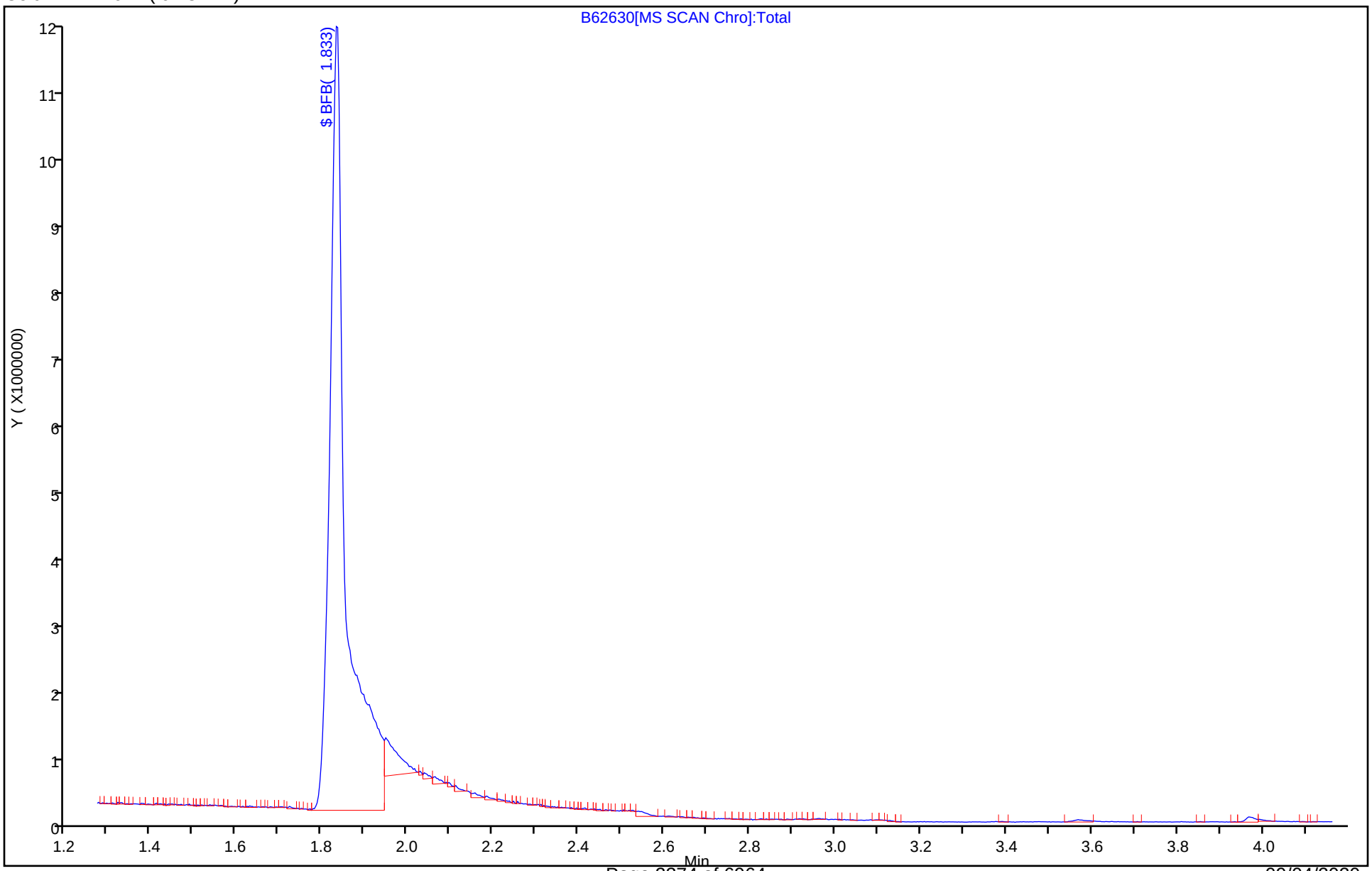
Report Date: 29-Aug-2020 15:27:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62630.D

Injection Date:	29-Aug-2020 04:48:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70133.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 25-Jul-2020 04:57:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0113878-001
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Jul-2020 10:18:41 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1069

First Level Reviewer: tupayachia Date: 25-Jul-2020 05:04:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	2.970	2.970	0.000	87	311506	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

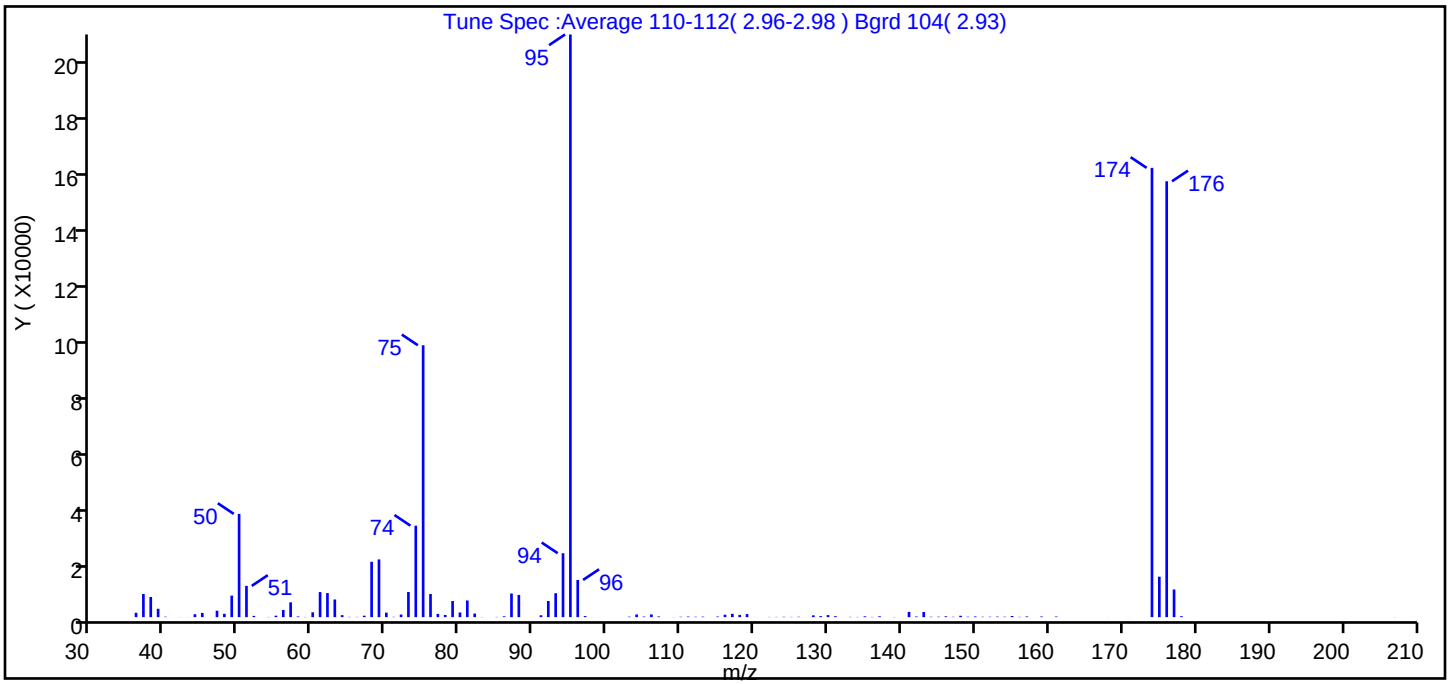
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70133.D
Injection Date: 25-Jul-2020 04:57:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.7
75	30 to 60% of m/z 95	46.7
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.1
175	5 to 9% of m/z 174	6.9 (9.0)
176	Greater than 95% but less than 101% of m/z 174	74.8 (97.0)
177	5 to 9% of m/z 176	4.7 (6.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70133.D\8260S_4.rslt\spectra.d
Injection Date: 25-Jul-2020 04:57:30
Spectrum: Tune Spec :Average 110-112(2.96-2.98) Bgrd 104(2.93)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1521	69.00	20080	105.00	199	141.00	1824
37.00	8060	70.00	1564	106.00	945	142.00	228
38.00	7018	71.00	108	107.00	238	143.00	1782
39.00	2914	72.00	913	109.00	37	144.00	134
40.00	151	73.00	8738	110.00	125	145.00	152
42.00	32	74.00	31816	111.00	207	146.00	295
43.00	30	75.00	94592	112.00	131	147.00	115
44.00	1014	76.00	8042	113.00	174	148.00	476
45.00	1465	77.00	1126	115.00	210	149.00	152
47.00	2246	78.00	754	116.00	842	150.00	237
48.00	1159	79.00	5604	117.00	1161	151.00	130
49.00	7497	80.00	1629	118.00	772	152.00	144
50.00	35920	81.00	5799	119.00	1065	153.00	191
51.00	10884	82.00	1239	120.00	18	154.00	142
52.00	441	83.00	52	122.00	71	155.00	407
54.00	65	85.00	78	123.00	83	156.00	104
55.00	502	86.00	290	124.00	120	157.00	242
56.00	2492	87.00	8231	125.00	85	159.00	224
57.00	5151	88.00	7729	126.00	128	161.00	208
58.00	234	91.00	658	127.00	27	168.00	20
59.00	69	92.00	5622	128.00	622	171.00	18
60.00	1683	93.00	8328	129.00	354	174.00	156288
61.00	8720	94.00	22240	130.00	717	175.00	14072
62.00	8383	95.00	202688	131.00	330	176.00	151616
63.00	6143	96.00	12940	133.00	106	177.00	9623
64.00	700	97.00	378	134.00	77	178.00	330
65.00	93	98.00	24	135.00	294	207.00	32
66.00	79	99.00	17	136.00	79		
67.00	501	103.00	168	137.00	290		
68.00	19272	104.00	930	139.00	57		

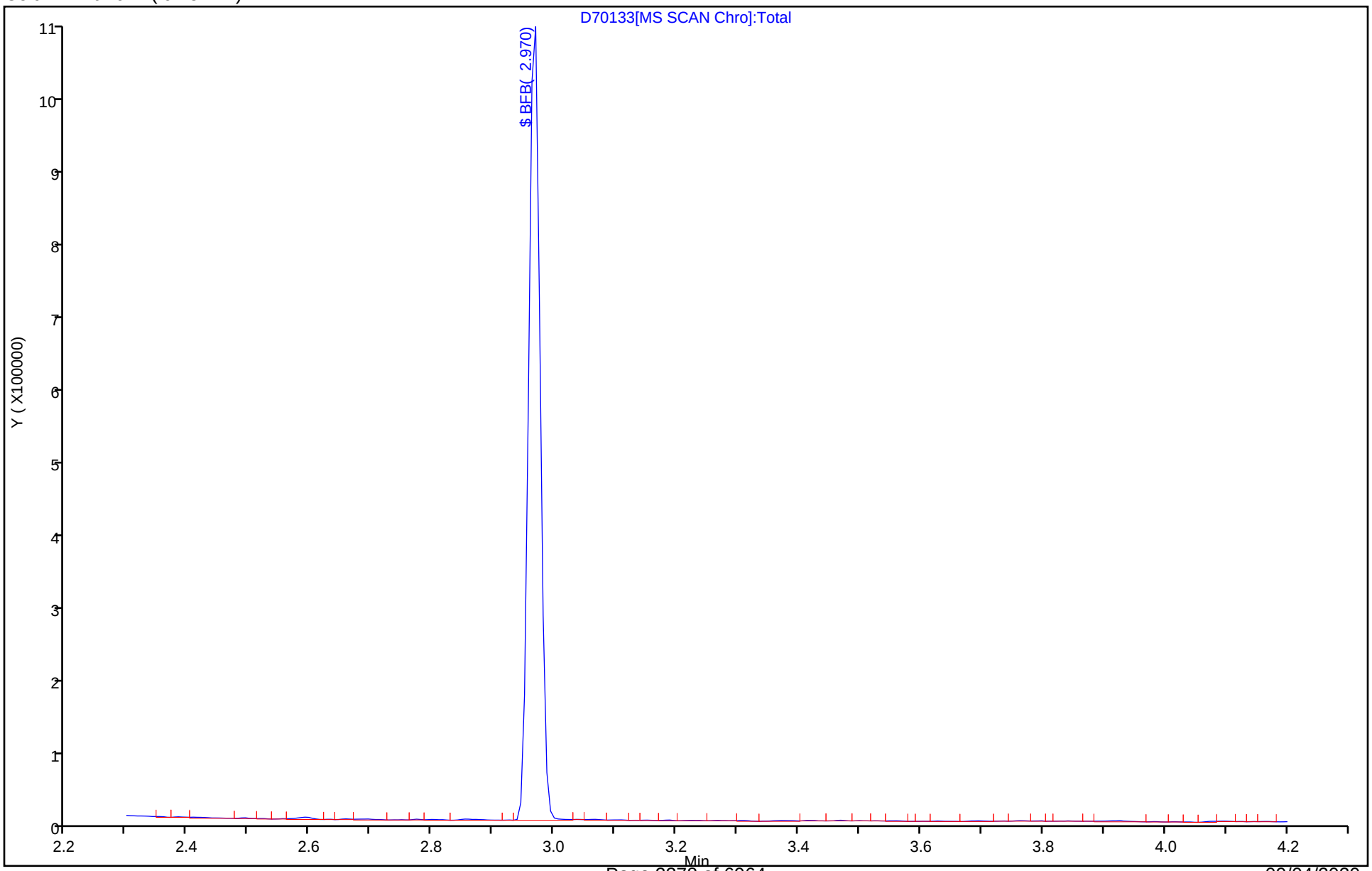
Report Date: 25-Jul-2020 10:18:41 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70133.D

Injection Date:	25-Jul-2020 04:57:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71880.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	31-Aug-2020 04:13:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0116029-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	31-Aug-2020 19:05:10	Calib Date:	25-Jul-2020 08:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1061				
First Level Reviewer: parekhv		Date:	31-Aug-2020 19:05:10		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	2.970	2.970	0.000	85	45072	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

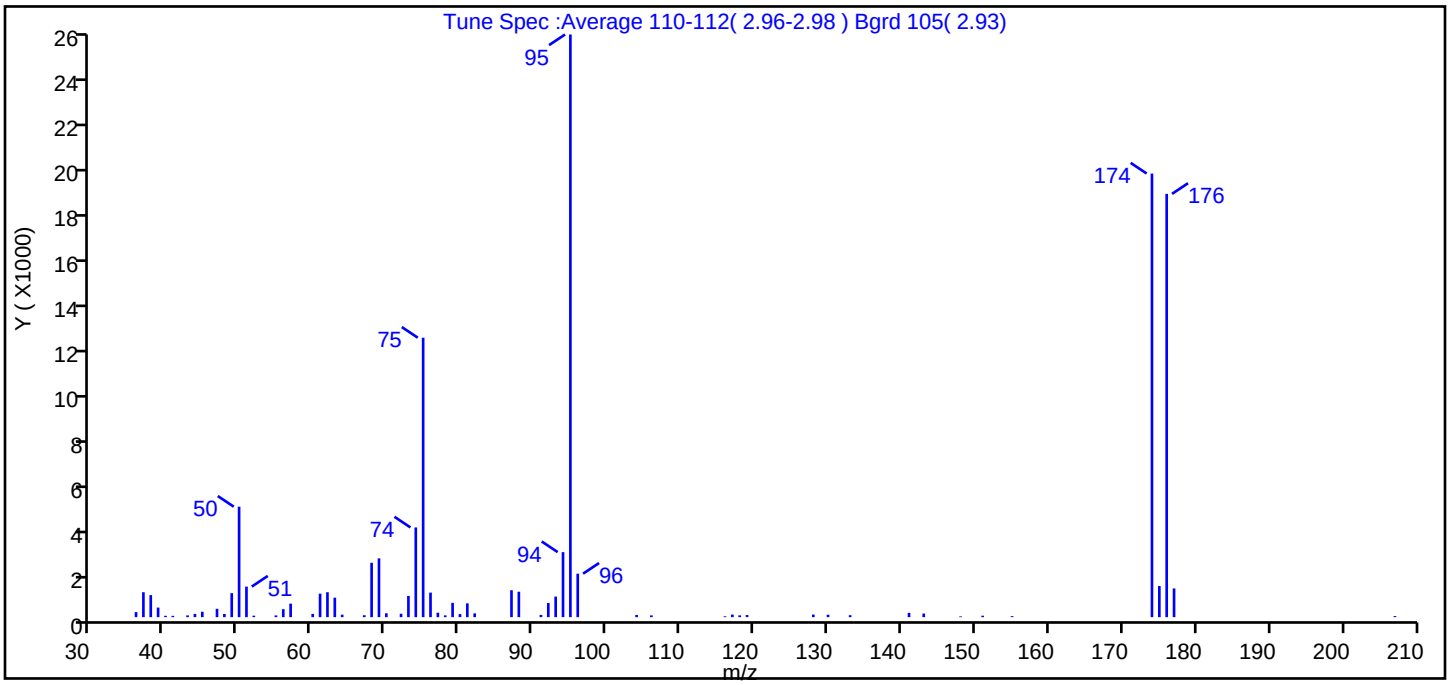
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71880.D				
Injection Date:	31-Aug-2020 04:13:30	Instrument ID:	CVOAMS4		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.0
75	30 to 60% of m/z 95	48.0
96	5 to 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	76.1
175	5 to 9% of m/z 174	5.3 (7.0)
176	Greater than 95% but less than 101% of m/z 174	72.6 (95.4)
177	5 to 9% of m/z 176	4.9 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71880.D\8260S_4.rslt\spectra.d
Injection Date: 31-Aug-2020 04:13:30
Spectrum: Tune Spec :Average 110-112(2.96-2.98) Bgrd 105(2.93)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	224	57.00	600	79.00	634	119.00	94
37.00	1108	60.00	145	80.00	137	128.00	115
38.00	979	61.00	1043	81.00	612	130.00	108
39.00	425	62.00	1106	82.00	167	133.00	86
40.00	60	63.00	864	87.00	1196	141.00	190
41.00	58	64.00	110	88.00	1129	143.00	160
43.00	78	67.00	85	91.00	99	148.00	34
44.00	144	68.00	2414	92.00	630	151.00	64
45.00	240	69.00	2611	93.00	913	155.00	44
47.00	370	70.00	171	94.00	2888	174.00	19704
48.00	141	72.00	152	95.00	25880	175.00	1382
49.00	1066	73.00	943	96.00	1930	176.00	18800
50.00	4906	74.00	3984	104.00	96	177.00	1275
51.00	1357	75.00	12411	106.00	78	207.00	48
52.00	65	76.00	1089	116.00	38		
55.00	77	77.00	197	117.00	115		
56.00	354	78.00	79	118.00	80		

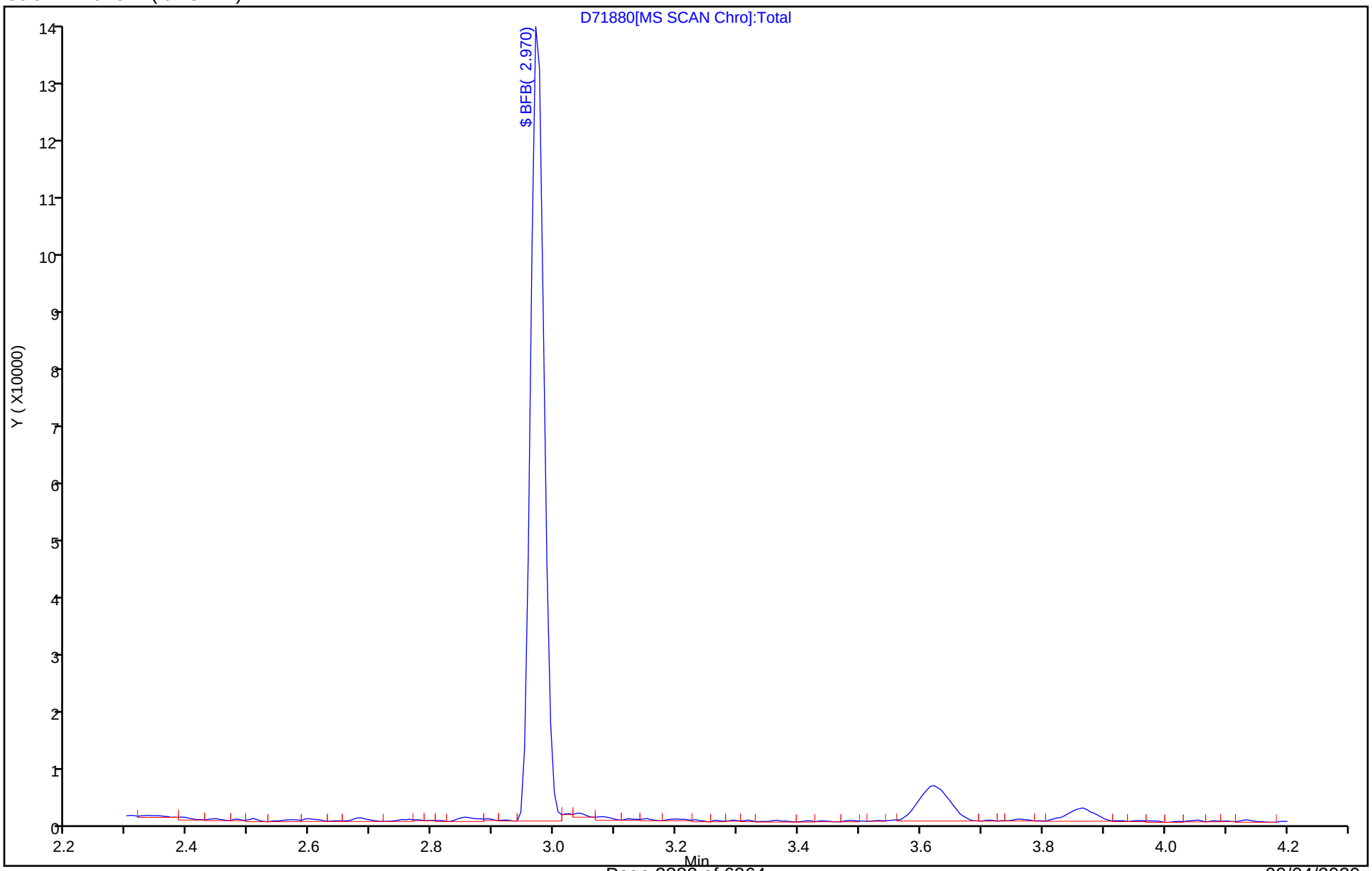
Report Date: 31-Aug-2020 19:05:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71880.D

Injection Date:	31-Aug-2020 04:13:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15843.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 13-Aug-2020 05:54:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0114977-001
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Aug-2020 02:33:14 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1008

First Level Reviewer: tupayachia Date: 13-Aug-2020 06:02:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.373	2.373	0.000	0	80482	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

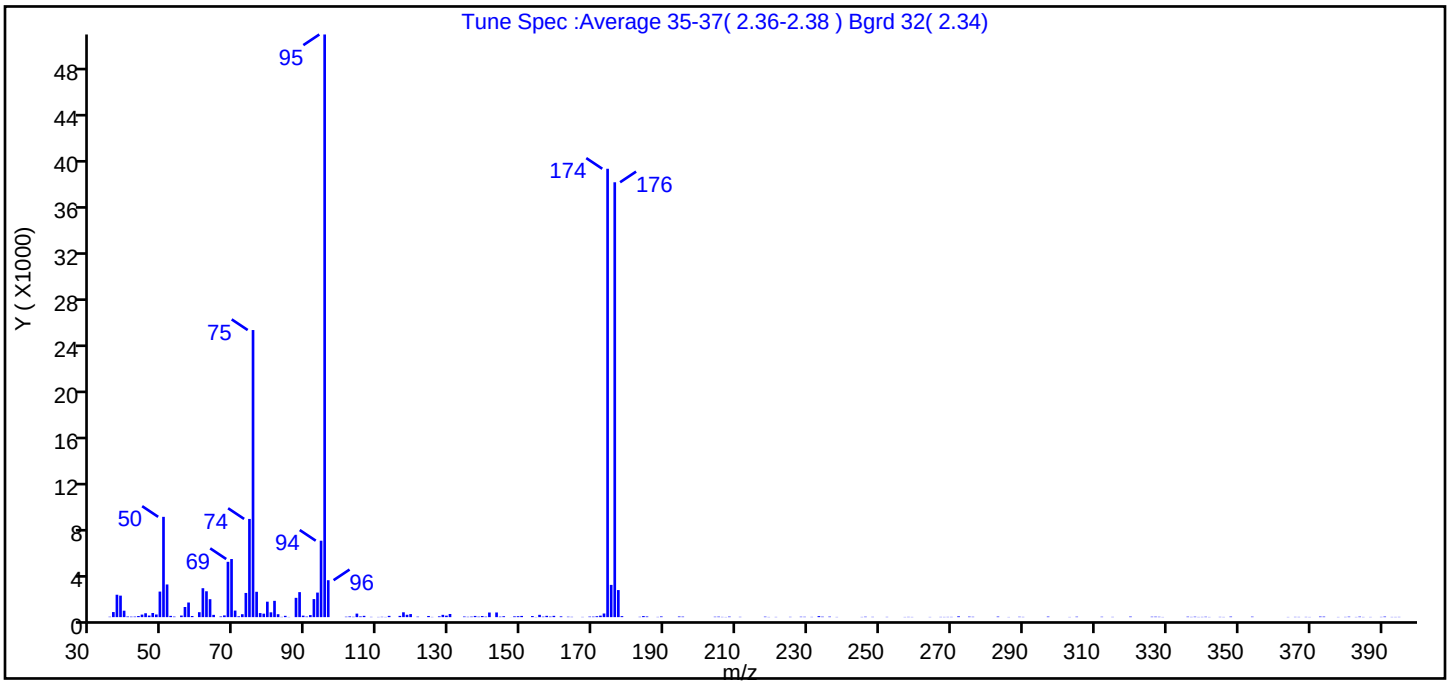
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15843.D				
Injection Date:	13-Aug-2020 05:54:30	Instrument ID:	CVOAMS5		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.2
75	30 to 60% of m/z 95	49.3
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.6 (0.8)
174	50 to 120% of m/z 95	77.0
175	5 to 9% of m/z 174	5.5 (7.2)
176	Greater than 95% but less than 101% of m/z 174	74.6 (97.0)
177	5 to 9% of m/z 176	4.6 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15843.D\8260W_5.rslt\spectra.d
Injection Date: 13-Aug-2020 05:54:30
Spectrum: Tune Spec :Average 35-37(2.36-2.38) Bgrd 32(2.34)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 199

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	34	89.00	130	158.00	47	269.00	22
36.00	437	90.00	49	159.00	112	270.00	22
37.00	1925	91.00	175	161.00	68	272.00	67
38.00	1848	92.00	1552	163.00	37	275.00	43
39.00	554	93.00	2110	164.00	26	276.00	31
40.00	55	94.00	6567	167.00	20	283.00	48
41.00	41	95.00	50056	169.00	46	286.00	16
42.00	47	96.00	3173	170.00	44	289.00	32
43.00	95	101.00	36	171.00	79	290.00	22
44.00	219	102.00	60	172.00	127	297.00	46
45.00	333	103.00	30	173.00	313	303.00	17
46.00	135	104.00	304	174.00	38520	305.00	38
47.00	357	105.00	61	175.00	2771	312.00	33
48.00	227	106.00	113	176.00	37360	315.00	22
49.00	2196	108.00	23	177.00	2325	320.00	46
50.00	8617	110.00	18	178.00	87	326.00	36
51.00	2807	111.00	29	183.00	28	327.00	39
52.00	110	112.00	17	184.00	90	328.00	30
53.00	47	113.00	109	185.00	57	329.00	16
55.00	137	116.00	108	188.00	21	336.00	40
56.00	871	117.00	418	189.00	59	337.00	21
57.00	1257	118.00	205	194.00	55	338.00	38
58.00	97	119.00	263	195.00	44	339.00	18
60.00	424	121.00	42	204.00	35	340.00	22
61.00	2486	124.00	100	205.00	42	341.00	34
62.00	2223	125.00	19	206.00	21	342.00	17
63.00	1542	127.00	69	207.00	15	345.00	23
64.00	196	128.00	198	208.00	45	346.00	18
66.00	59	129.00	129	211.00	25	348.00	45
67.00	148	130.00	271	218.00	41	354.00	40
68.00	4752	134.00	54	219.00	17	364.00	17
69.00	4992	135.00	30	221.00	20	366.00	23
70.00	565	136.00	44	225.00	25	367.00	21

Report Date: 14-Aug-2020 02:33:15 Chrom Revision: 2.3 30-Jun-2020 12:05:54
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15843.D\8260W_5.rslt\spectra.d
Injection Date: 13-Aug-2020 05:54:30
Spectrum: Tune Spec :Average 35-37(2.36-2.38) Bgrd 32(2.34)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 199

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	73	137.00	104	228.00	35	369.00	22
72.00	252	138.00	40	229.00	31	370.00	17
73.00	2079	139.00	95	231.00	22	373.00	48
74.00	8437	140.00	41	233.00	86	374.00	44
75.00	24664	141.00	397	234.00	40	378.00	17
76.00	2179	143.00	402	236.00	44	380.00	21
77.00	349	144.00	43	238.00	18	381.00	40
78.00	298	145.00	79	245.00	19	383.00	17
79.00	1328	147.00	4	246.00	36	384.00	42
80.00	414	148.00	68	248.00	25	385.00	18
81.00	1401	149.00	80	252.00	23	387.00	18
82.00	253	150.00	105	257.00	17	390.00	22
83.00	23	153.00	94	258.00	23	391.00	47
84.00	114	154.00	14	259.00	18	393.00	19
85.00	17	155.00	199	264.00	18	394.00	19
87.00	1659	156.00	44	267.00	21	395.00	22
88.00	2149	157.00	113	268.00	19		

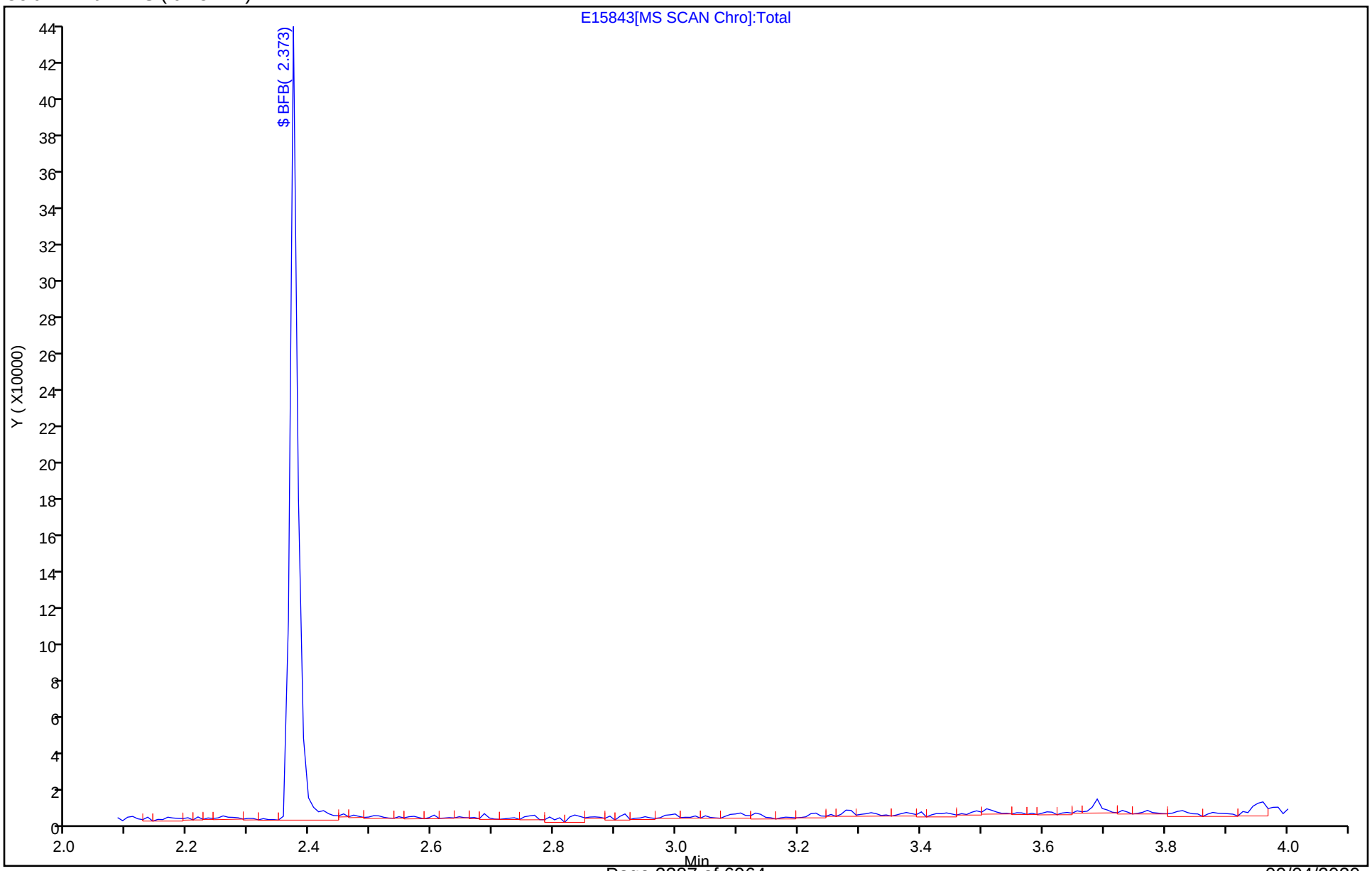
Report Date: 14-Aug-2020 02:33:15 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15843.D

Injection Date:	13-Aug-2020 05:54:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16584.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Aug-2020 10:32:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Operator ID:		Instrument ID:	CVOAMS5		
Method:	\\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\8260W_5.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	30-Aug-2020 12:34:03	Calib Date:	13-Aug-2020 11:52:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D				
Column 1 :	Rtx-VMS (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1007				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.348	2.348	0.000	0	341939	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

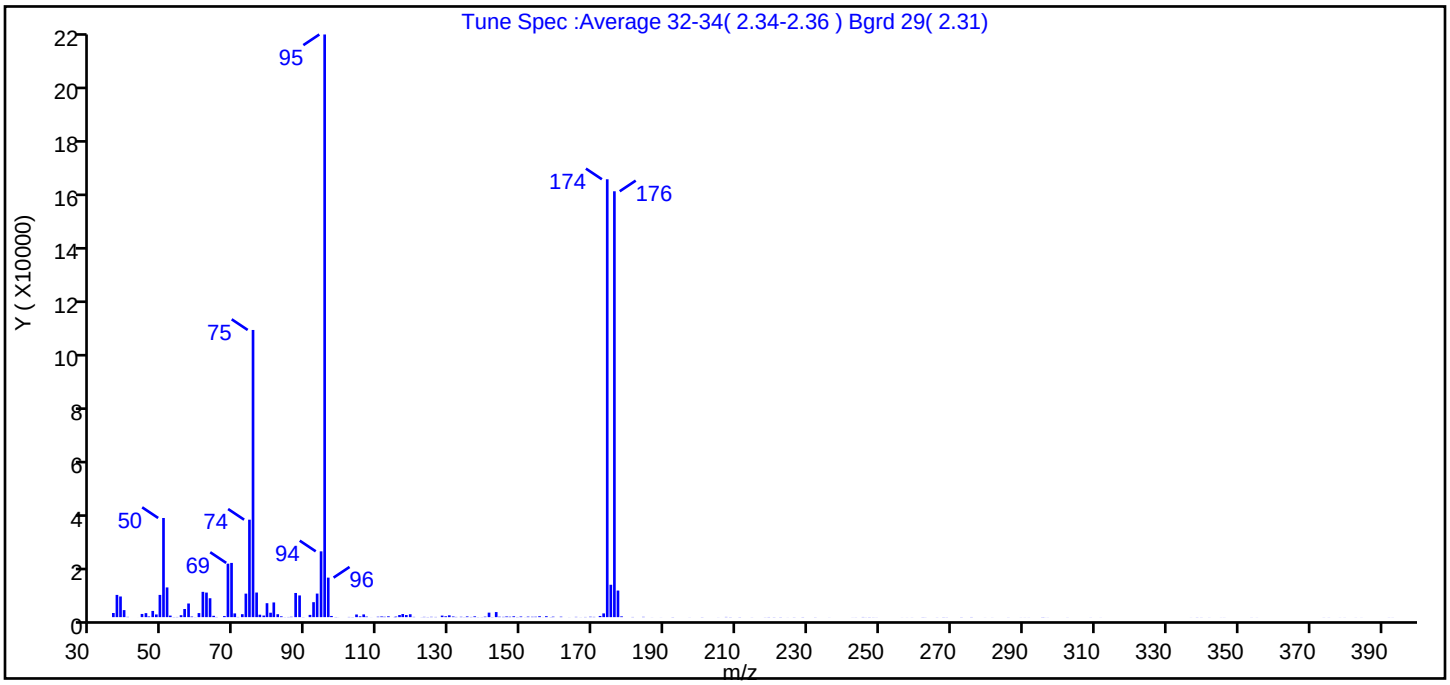
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16584.D
Injection Date: 30-Aug-2020 10:32:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.0
75	30 to 60% of m/z 95	49.3
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.6 (0.9)
174	50 to 120% of m/z 95	75.1
175	5 to 9% of m/z 174	5.6 (7.4)
176	Greater than 95% but less than 101% of m/z 174	73.1 (97.3)
177	5 to 9% of m/z 176	4.6 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16584.D\8260W_5.rslt\spectra.d
Injection Date: 30-Aug-2020 10:32:30
Spectrum: Tune Spec :Average 32-34(2.34-2.36) Bgrd 29(2.31)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 196

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1525	88.00	7988	142.00	45	226.00	41
37.00	8176	89.00	49	143.00	1868	228.00	54
38.00	7596	91.00	828	144.00	155	232.00	39
39.00	2586	92.00	5503	145.00	105	236.00	18
40.00	100	93.00	8667	146.00	248	242.00	19
43.00	5	94.00	24200	147.00	152	243.00	27
44.00	1174	95.00	214272	148.00	320	245.00	63
45.00	1471	96.00	14534	149.00	63	246.00	24
46.00	244	97.00	435	150.00	238	247.00	48
47.00	2283	98.00	57	151.00	23	248.00	31
48.00	990	99.00	20	152.00	194	249.00	22
49.00	8178	102.00	74	153.00	137	256.00	17
50.00	36464	103.00	50	154.00	153	258.00	17
51.00	10926	104.00	976	155.00	344	259.00	24
52.00	569	105.00	284	156.00	21	262.00	43
53.00	54	106.00	1006	157.00	347	263.00	29
54.00	68	107.00	202	158.00	49	266.00	29
55.00	707	108.00	15	159.00	177	268.00	47
56.00	2993	110.00	150	161.00	166	269.00	34
57.00	5019	111.00	252	163.00	23	273.00	45
58.00	218	112.00	144	165.00	99	276.00	57
59.00	27	113.00	305	166.00	23	279.00	17
60.00	1490	115.00	70	168.00	68	281.00	19
61.00	9304	115.00	198	169.00	146	286.00	25
62.00	9031	116.00	770	170.00	95	289.00	18
63.00	6950	117.00	1147	172.00	429	290.00	20
64.00	493	118.00	772	173.00	1376	292.00	18
65.00	70	119.00	1060	174.00	161024	295.00	43
67.00	391	120.00	92	175.00	11908	296.00	28
68.00	19664	122.00	32	176.00	156608	297.00	20
69.00	19944	123.00	98	177.00	9778	302.00	21
70.00	1373	124.00	57	178.00	282	309.00	23
71.00	70	125.00	115	181.00	67	312.00	17

Report Date: 30-Aug-2020 12:34:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16584.D\8260W_5.rslt\spectra.d
Injection Date: 30-Aug-2020 10:32:30
Spectrum: Tune Spec :Average 32-34(2.34-2.36) Bgrd 29(2.31)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 196

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	1091	126.00	78	184.00	105	337.00	17
73.00	8651	127.00	2	186.00	20	339.00	36
74.00	35840	128.00	571	189.00	18	340.00	29
75.00	105608	129.00	316	192.00	51	342.00	21
76.00	9051	130.00	673	197.00	21	345.00	16
77.00	897	131.00	243	200.00	43	346.00	19
78.00	581	132.00	82	205.00	20	354.00	22
79.00	5131	133.00	132	207.00	80	355.00	16
80.00	1621	134.00	37	208.00	48	374.00	24
81.00	5406	135.00	269	211.00	48	375.00	24
82.00	1077	136.00	74	214.00	27	378.00	17
83.00	294	137.00	299	218.00	32	380.00	19
84.00	33	138.00	45	219.00	57	383.00	18
85.00	65	139.00	39	220.00	47	384.00	17
86.00	133	140.00	176	222.00	51	392.00	22
87.00	8889	141.00	1657	224.00	17	393.00	21

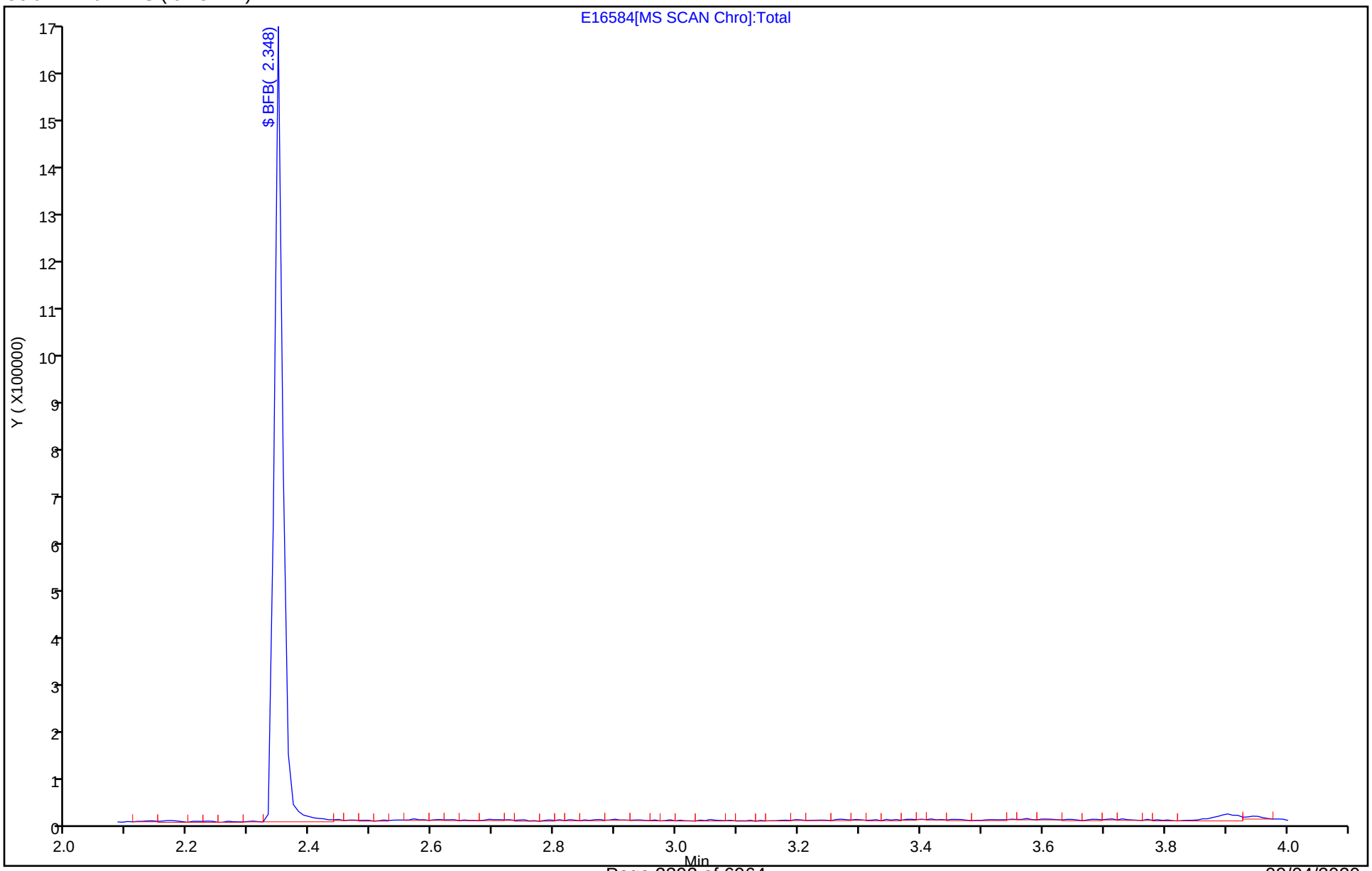
Report Date: 30-Aug-2020 12:34:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16584.D

Injection Date:	30-Aug-2020 10:32:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04650.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 15-Aug-2020 03:59:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0115118-001
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 16-Aug-2020 12:09:37 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1060

First Level Reviewer: boykink Date: 15-Aug-2020 04:09:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	4.072	4.072	0.000	79	26146	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

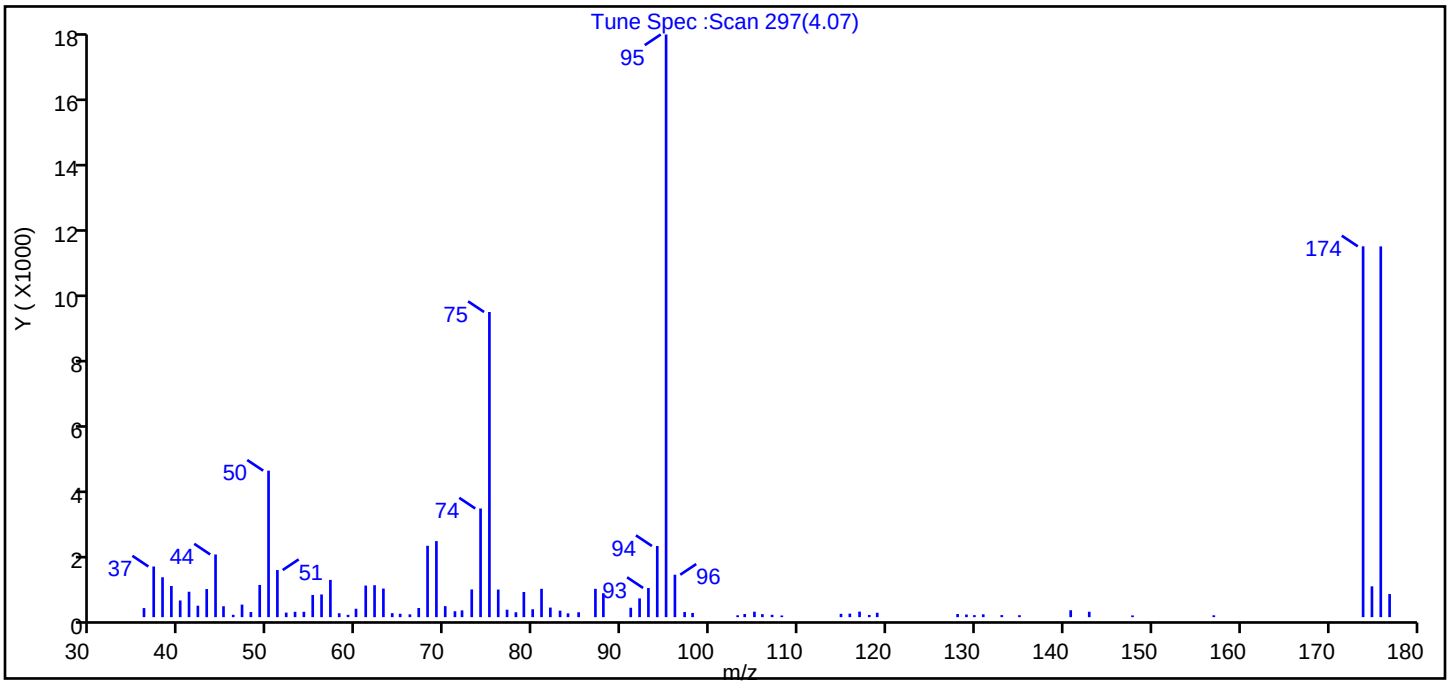
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04650.D
Injection Date: 15-Aug-2020 03:59:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.1
75	30 to 60% of m/z 95	52.4
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	63.6
175	5 to 9% of m/z 174	5.3 (8.3)
176	Greater than 95% but less than 101% of m/z 174	63.6 (100.0)
177	5 to 9% of m/z 176	4.0 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04650.D\8260_W8.rslt\spectra.d
Injection Date: 15-Aug-2020 03:59:30
Spectrum: Tune Spec :Scan 297(4.07)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 85

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	273	58.00	117	80.00	238	115.00	100
37.00	1526	59.00	70	81.00	854	116.00	106
38.00	1201	60.00	253	82.00	288	117.00	166
39.00	939	61.00	951	83.00	196	118.00	66
40.00	502	62.00	962	84.00	115	119.00	132
41.00	765	63.00	861	85.00	147	128.00	94
42.00	344	64.00	120	87.00	853	129.00	79
43.00	846	65.00	102	88.00	721	130.00	61
44.00	1888	66.00	85	91.00	283	131.00	85
45.00	328	67.00	276	92.00	565	133.00	62
46.00	70	68.00	2149	93.00	879	135.00	59
47.00	378	69.00	2291	94.00	2143	141.00	208
48.00	154	70.00	331	95.00	17552	143.00	162
49.00	970	71.00	178	96.00	1278	148.00	52
50.00	4412	72.00	204	97.00	155	157.00	56
51.00	1419	73.00	834	98.00	126	174.00	11170
52.00	137	74.00	3273	103.00	56	175.00	928
53.00	161	75.00	9192	104.00	95	176.00	11168
54.00	161	76.00	831	105.00	164	177.00	696
55.00	668	77.00	224	106.00	90		
56.00	683	78.00	148	107.00	71		
57.00	1123	79.00	757	108.00	50		

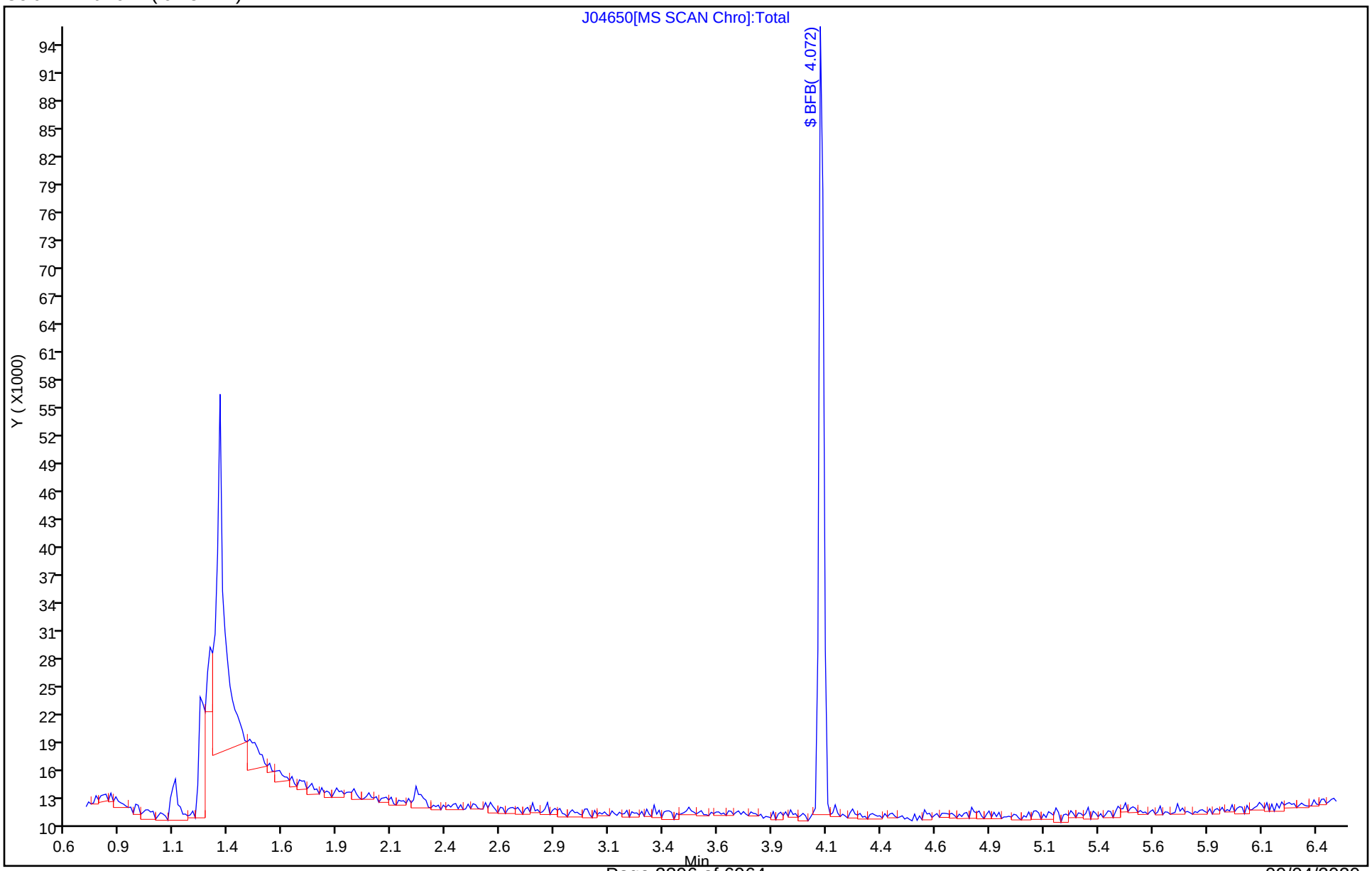
Report Date: 16-Aug-2020 12:09:38 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04650.D

Injection Date:	15-Aug-2020 03:59:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05411.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Aug-2020 08:56:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 08:15:10 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1055

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	4.085	4.085	0.000	87	19757	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

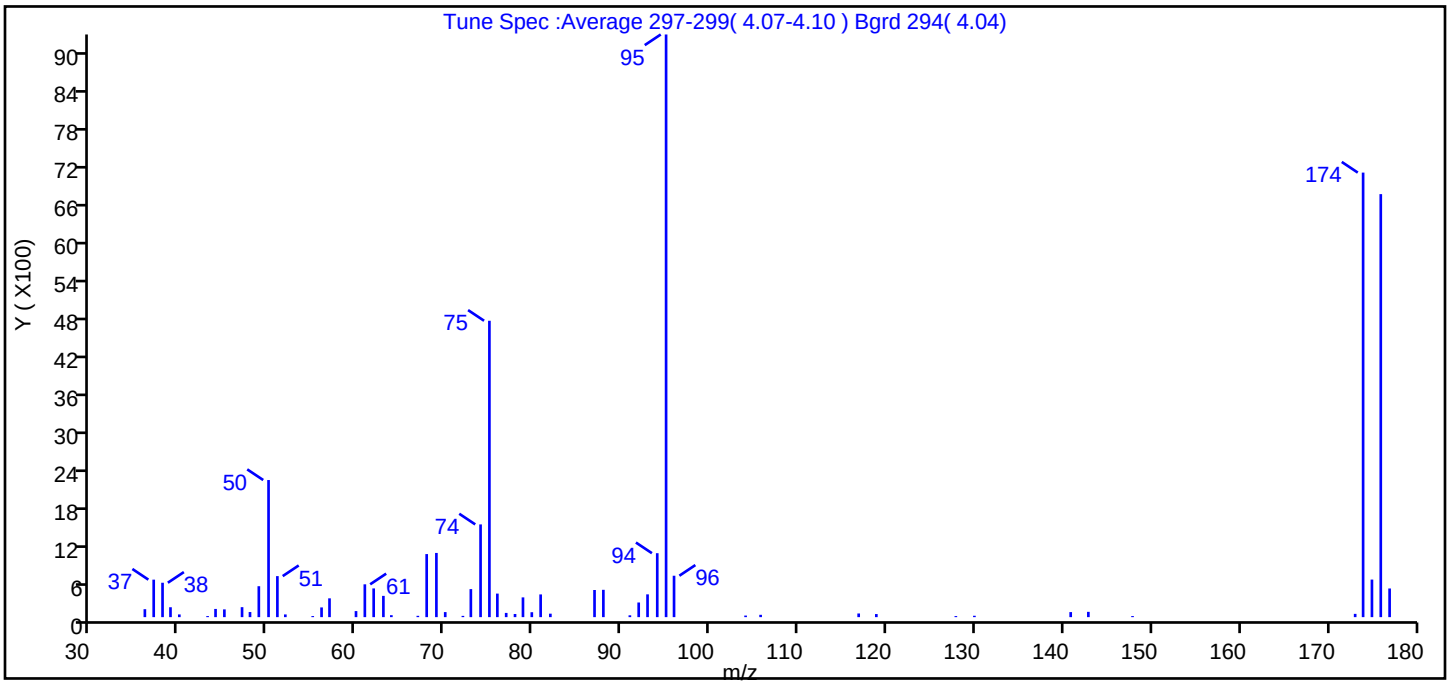
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05411.D				
Injection Date:	30-Aug-2020 08:56:30	Instrument ID:	CVOAMS8		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.5
75	30 to 60% of m/z 95	50.9
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.6 (0.7)
174	50 to 120% of m/z 95	76.3
175	5 to 9% of m/z 174	6.4 (8.4)
176	Greater than 95% but less than 101% of m/z 174	72.6 (95.2)
177	5 to 9% of m/z 176	4.9 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05411.D\8260_W8.rslt\spectra.d
Injection Date: 30-Aug-2020 08:56:30
Spectrum: Tune Spec :Average 297-299(4.07-4.10) Bgrd 294(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	126	56.00	154	76.00	373	104.00	25
37.00	594	57.00	298	77.00	67	106.00	37
38.00	545	60.00	96	78.00	50	117.00	58
39.00	157	61.00	520	79.00	313	119.00	49
40.00	43	62.00	455	80.00	78	128.00	17
43.00	17	63.00	337	81.00	360	130.00	22
44.00	130	64.00	31	82.00	55	141.00	80
45.00	123	67.00	21	87.00	430	143.00	84
47.00	158	68.00	999	88.00	433	148.00	17
48.00	81	69.00	1017	91.00	29	173.00	52
49.00	490	70.00	80	92.00	232	174.00	7042
50.00	2172	72.00	20	93.00	361	175.00	595
51.00	650	73.00	444	94.00	1013	176.00	6701
52.00	43	74.00	1469	95.00	9230	177.00	454
55.00	17	75.00	4695	96.00	656		

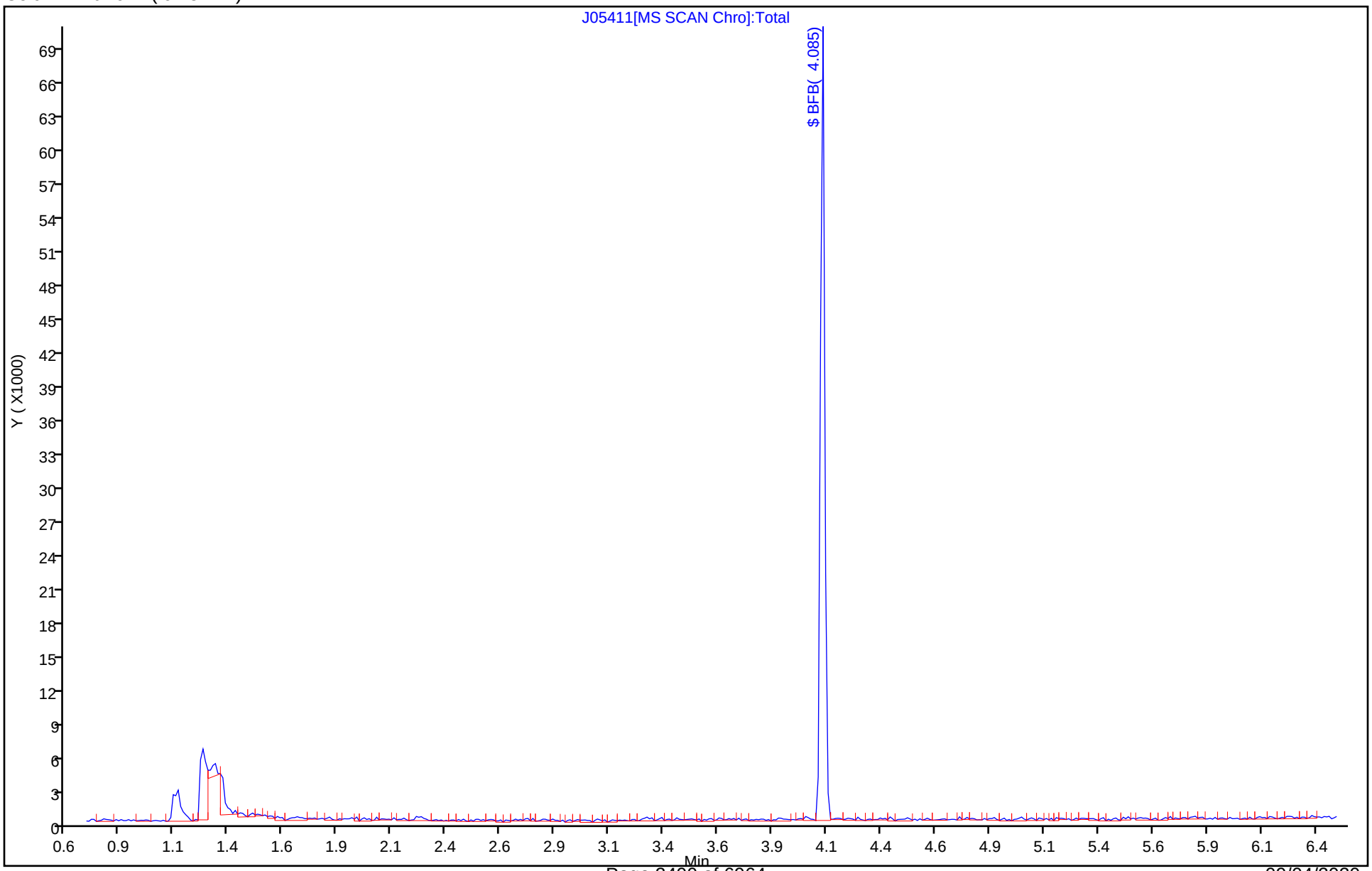
Report Date: 31-Aug-2020 08:15:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05411.D

Injection Date:	30-Aug-2020 08:56:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Aug-2020 19:54:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0115799-001
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Aug-2020 15:29:59 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 27-Aug-2020 12:38:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.263	3.263	0.000	92	428418	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

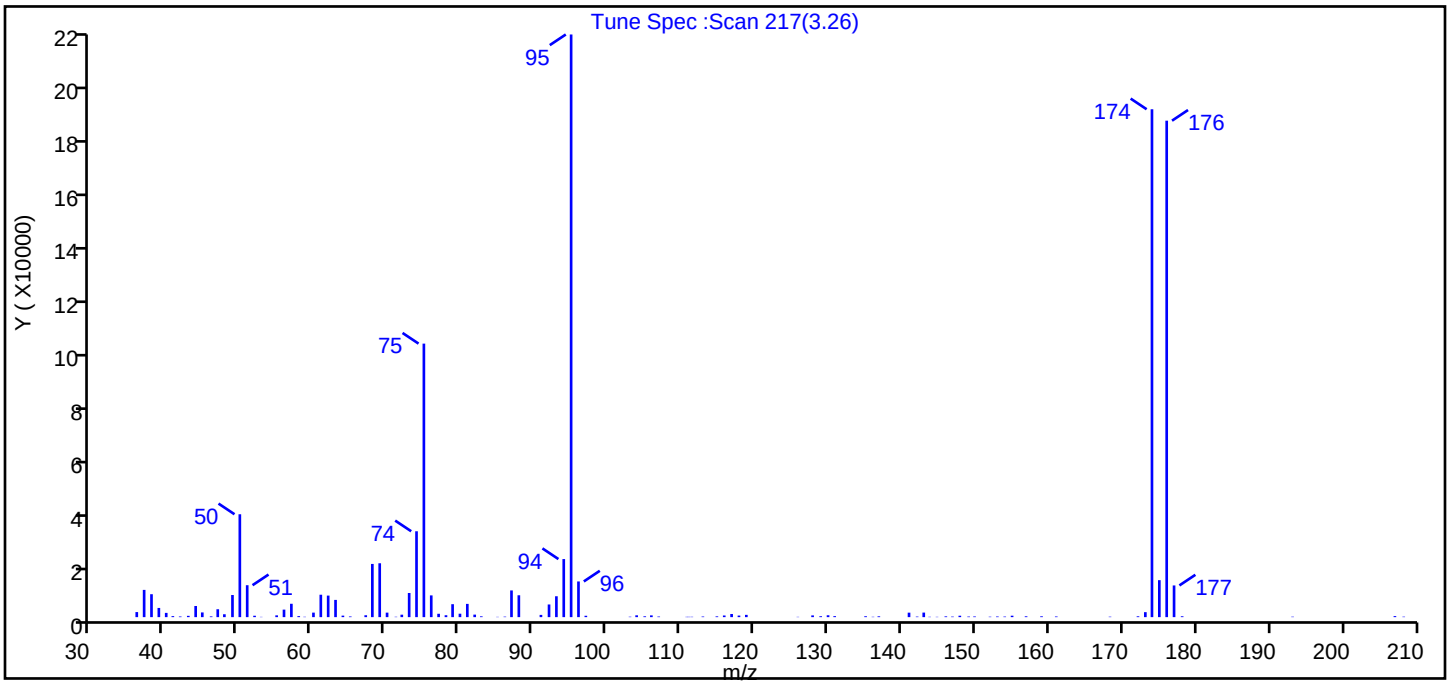
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D				
Injection Date:	26-Aug-2020 19:54:30	Instrument ID:	CVOAMS9		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.7
75	30 to 60% of m/z 95	46.9
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.9 (1.0)
174	50 to 120% of m/z 95	87.2
175	5 to 9% of m/z 174	6.3 (7.3)
176	Greater than 95% but less than 101% of m/z 174	85.2 (97.8)
177	5 to 9% of m/z 176	5.4 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D\8260S9.rslt\spectra.d
Injection Date: 26-Aug-2020 19:54:30
Spectrum: Tune Spec :Scan 217(3.26)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1874	64.00	556	95.00	215424	143.00	1685
37.00	10075	65.00	246	96.00	13195	144.00	128
38.00	8481	67.00	699	97.00	511	145.00	116
39.00	3399	68.00	19672	103.00	159	146.00	284
40.00	1575	69.00	19920	104.00	676	147.00	202
41.00	374	70.00	1665	105.00	309	148.00	526
42.00	242	71.00	141	106.00	651	149.00	216
43.00	485	72.00	909	107.00	219	150.00	249
44.00	4120	73.00	8928	111.00	115	152.00	166
45.00	1739	74.00	31752	111.00	123	153.00	239
46.00	277	75.00	101128	112.00	132	154.00	210
47.00	2920	76.00	8041	113.00	227	155.00	533
48.00	1071	77.00	1247	115.00	291	157.00	312
49.00	8182	78.00	706	116.00	610	159.00	302
50.00	38040	79.00	4788	117.00	1165	161.00	245
51.00	11808	80.00	1272	118.00	585	168.00	170
52.00	521	81.00	4901	119.00	843	172.00	312
53.00	101	82.00	934	126.00	108	173.00	1842
55.00	664	83.00	294	128.00	643	174.00	187776
56.00	2783	85.00	103	129.00	335	175.00	13671
57.00	4945	86.00	186	130.00	695	176.00	183552
58.00	377	87.00	9877	131.00	367	177.00	11719
59.00	132	88.00	8087	135.00	332	178.00	321
60.00	1673	91.00	833	136.00	131	193.00	165
61.00	8288	92.00	4683	137.00	301	207.00	384
62.00	7967	93.00	7725	141.00	1657	208.00	174
63.00	6374	94.00	21472	142.00	207		

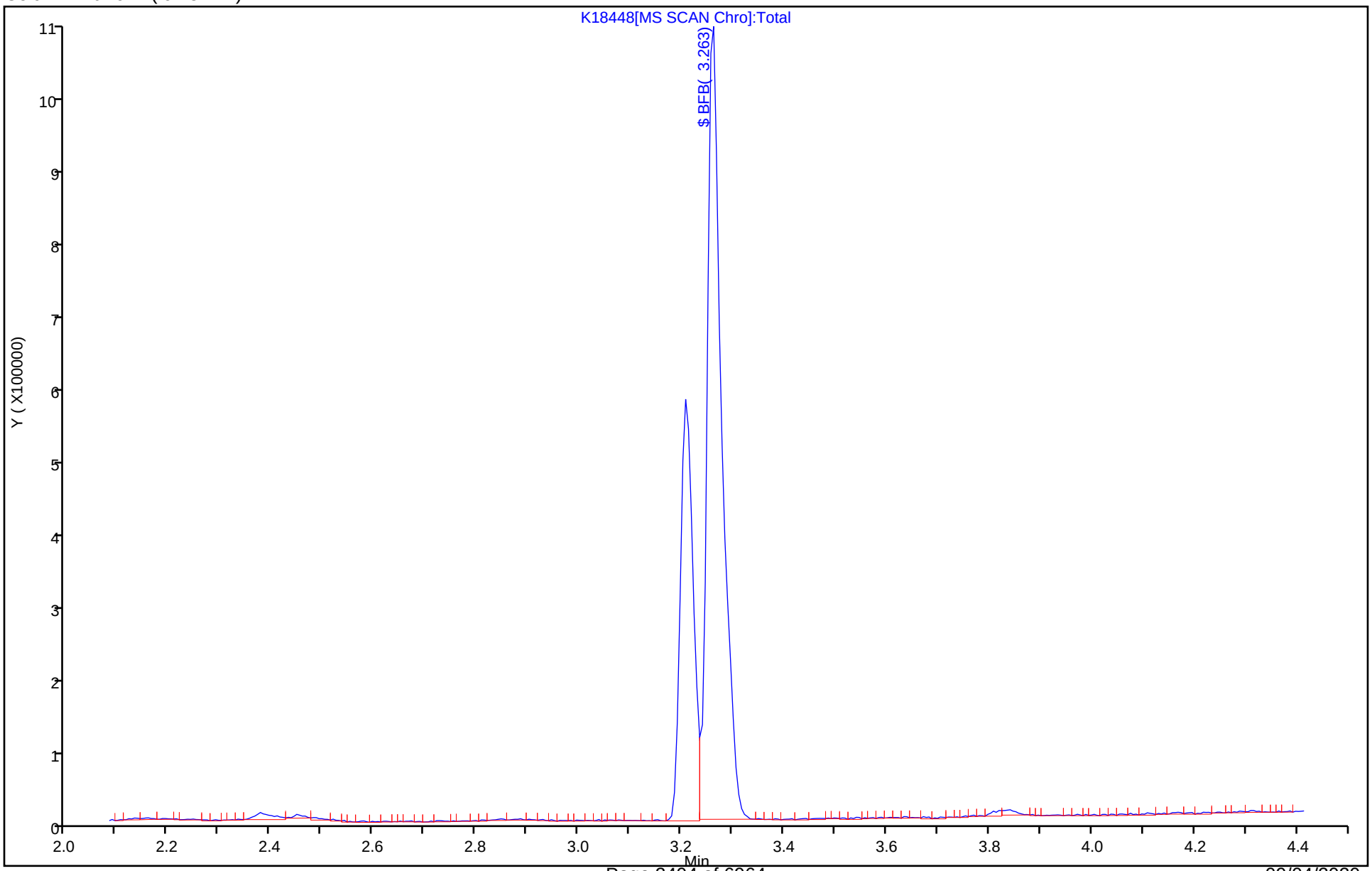
Report Date: 27-Aug-2020 15:30:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D

Injection Date:	26-Aug-2020 19:54:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Aug-2020 19:54:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0115799-001
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\8260S9.m
Limit Group: VOA - 8260C DKQP Water and Solid
Last Update: 27-Aug-2020 15:29:59 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: delpolitov Date: 27-Aug-2020 12:38:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.263	3.263	0.000	92	428418	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

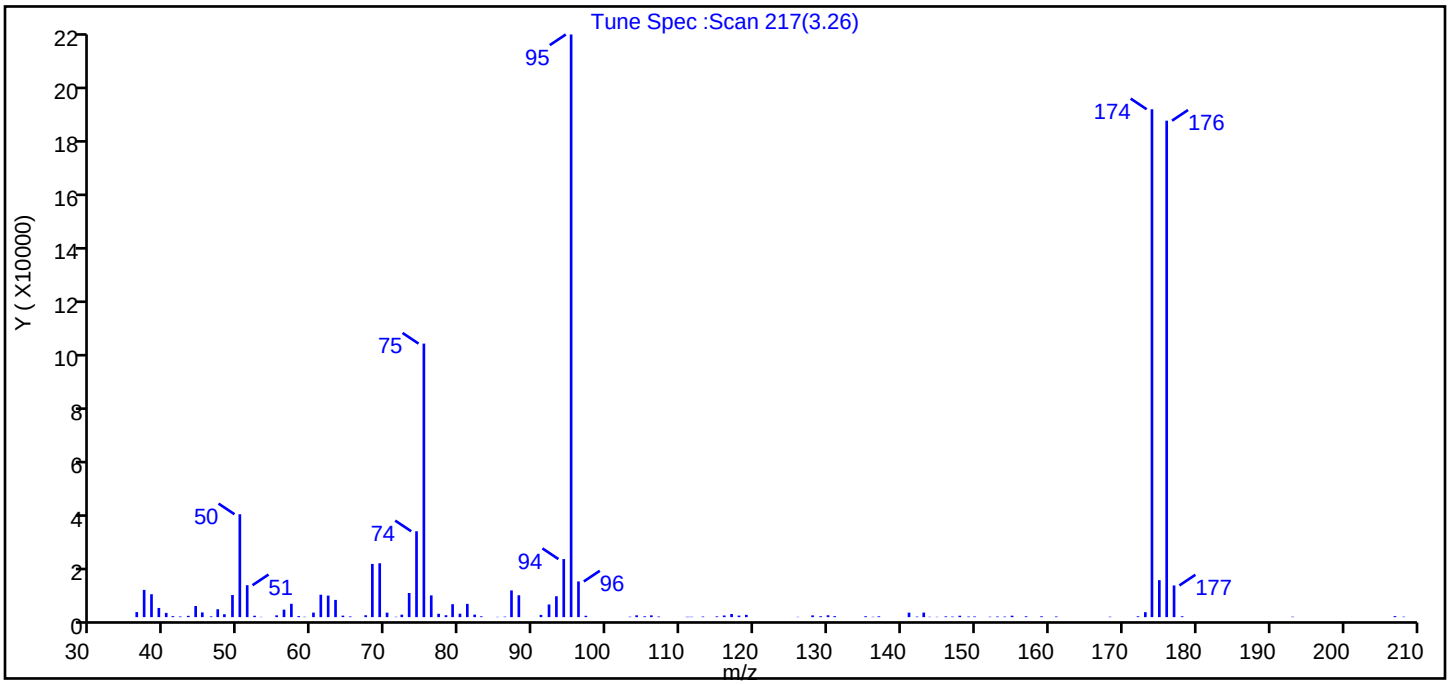
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D		
Injection Date:	26-Aug-2020 19:54:30	Instrument ID:	CVOAMS9
Lims ID:	BFB		
Client ID:			
Operator ID:		ALS Bottle#:	99 Worklist Smp#: 1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C DKQP Water and Solid
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.7
75	30 to 60% of m/z 95	46.9
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.9 (1.0)
174	50 to 120% of m/z 95	87.2
175	5 to 9% of m/z 174	6.3 (7.3)
176	Greater than 95% but less than 101% of m/z 174	85.2 (97.8)
177	5 to 9% of m/z 176	5.4 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D\8260S9.rslt\spectra.d
Injection Date: 26-Aug-2020 19:54:30
Spectrum: Tune Spec :Scan 217(3.26)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1874	64.00	556	95.00	215424	143.00	1685
37.00	10075	65.00	246	96.00	13195	144.00	128
38.00	8481	67.00	699	97.00	511	145.00	116
39.00	3399	68.00	19672	103.00	159	146.00	284
40.00	1575	69.00	19920	104.00	676	147.00	202
41.00	374	70.00	1665	105.00	309	148.00	526
42.00	242	71.00	141	106.00	651	149.00	216
43.00	485	72.00	909	107.00	219	150.00	249
44.00	4120	73.00	8928	111.00	115	152.00	166
45.00	1739	74.00	31752	111.00	123	153.00	239
46.00	277	75.00	101128	112.00	132	154.00	210
47.00	2920	76.00	8041	113.00	227	155.00	533
48.00	1071	77.00	1247	115.00	291	157.00	312
49.00	8182	78.00	706	116.00	610	159.00	302
50.00	38040	79.00	4788	117.00	1165	161.00	245
51.00	11808	80.00	1272	118.00	585	168.00	170
52.00	521	81.00	4901	119.00	843	172.00	312
53.00	101	82.00	934	126.00	108	173.00	1842
55.00	664	83.00	294	128.00	643	174.00	187776
56.00	2783	85.00	103	129.00	335	175.00	13671
57.00	4945	86.00	186	130.00	695	176.00	183552
58.00	377	87.00	9877	131.00	367	177.00	11719
59.00	132	88.00	8087	135.00	332	178.00	321
60.00	1673	91.00	833	136.00	131	193.00	165
61.00	8288	92.00	4683	137.00	301	207.00	384
62.00	7967	93.00	7725	141.00	1657	208.00	174
63.00	6374	94.00	21472	142.00	207		

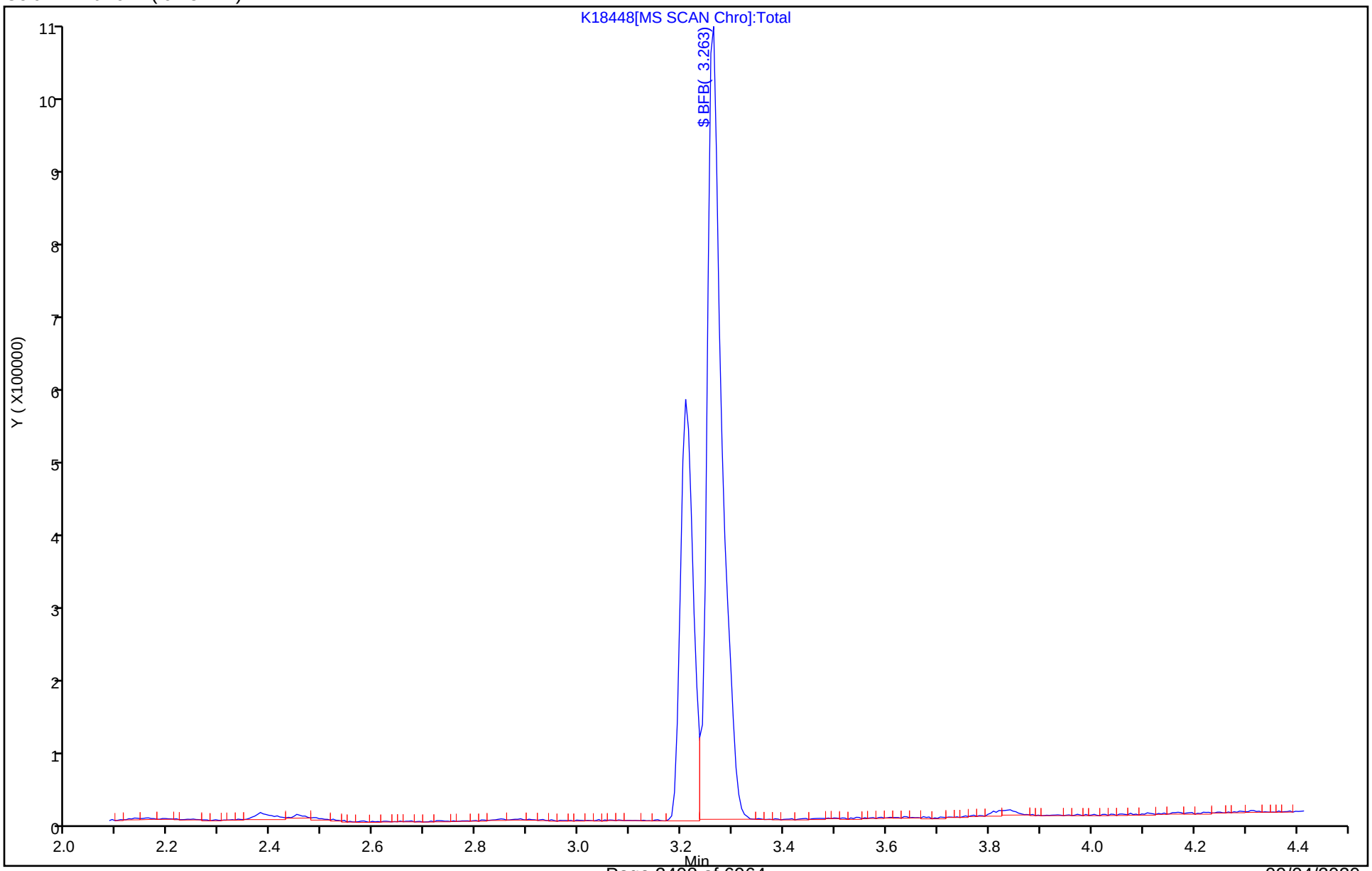
Report Date: 27-Aug-2020 15:30:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18448.D

Injection Date:	26-Aug-2020 19:54:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260C DKQP Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18520.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Aug-2020 09:30:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0115917-001
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 12:13:33 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1010

First Level Reviewer: starzecm Date: 28-Aug-2020 12:13:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.285	3.285	0.000	91	226722	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

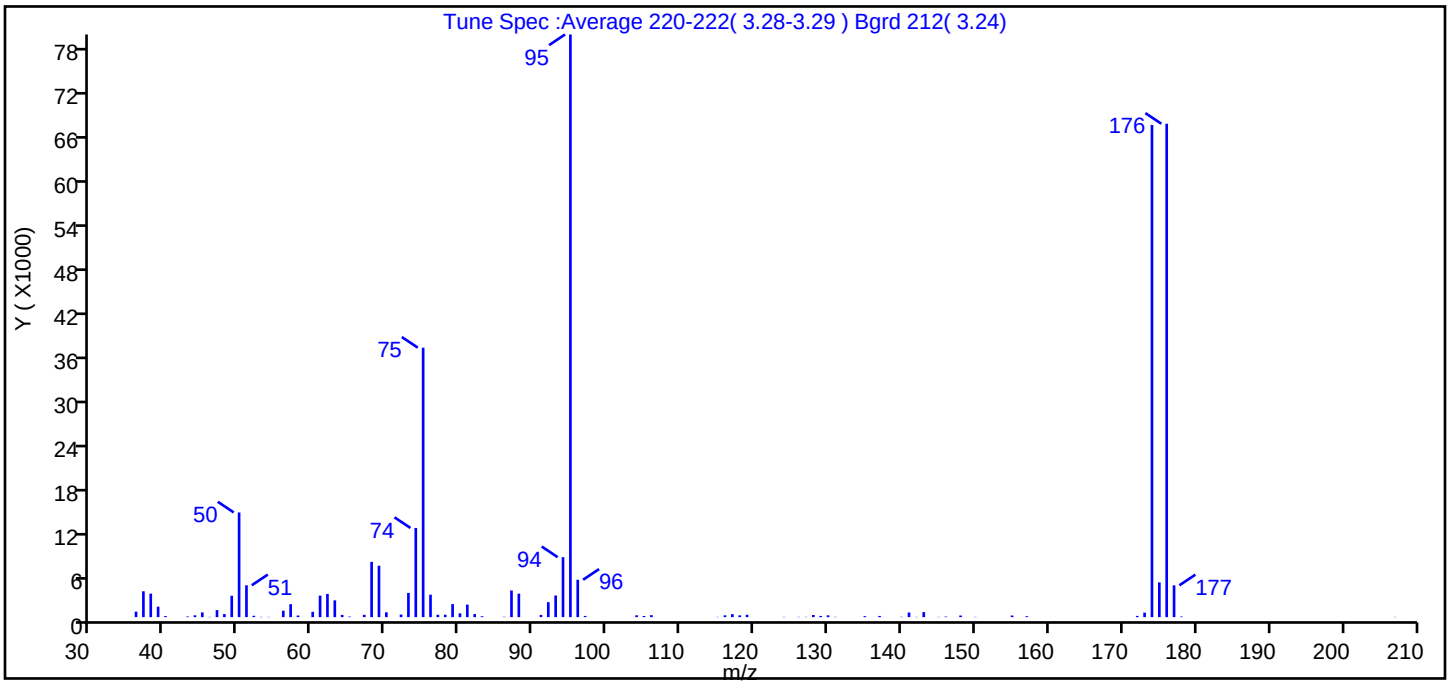
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18520.D				
Injection Date:	28-Aug-2020 09:30:30	Instrument ID:	CVOAMS9		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.0
75	30 to 60% of m/z 95	46.2
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.8 (0.9)
174	50 to 120% of m/z 95	84.5
175	5 to 9% of m/z 174	6.0 (7.1)
176	Greater than 95% but less than 101% of m/z 174	84.7 (100.2)
177	5 to 9% of m/z 176	5.5 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18520.D\8260S9.rslt\spectra.d
Injection Date: 28-Aug-2020 09:30:30
Spectrum: Tune Spec :Average 220-222(3.28-3.29) Bgrd 212(3.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	746	62.00	3154	88.00	3194	131.00	38
37.00	3518	63.00	2283	91.00	302	135.00	136
38.00	3194	64.00	303	92.00	2037	137.00	165
39.00	1425	65.00	75	93.00	2943	140.00	44
40.00	144	67.00	317	94.00	8151	141.00	632
43.00	93	68.00	7515	95.00	79208	142.00	33
44.00	252	69.00	6990	96.00	5083	143.00	686
45.00	642	70.00	656	97.00	165	145.00	34
46.00	34	72.00	353	104.00	253	146.00	76
47.00	959	73.00	3292	105.00	153	148.00	222
48.00	412	74.00	12124	106.00	269	150.00	36
49.00	2908	75.00	36632	115.00	36	155.00	222
50.00	14233	76.00	3052	116.00	245	157.00	127
51.00	4335	77.00	322	117.00	405	172.00	169
52.00	188	78.00	327	118.00	244	173.00	614
53.00	39	79.00	1777	119.00	323	174.00	66912
54.00	34	80.00	520	124.00	37	175.00	4726
56.00	874	81.00	1705	126.00	38	176.00	67072
57.00	1763	82.00	416	127.00	35	177.00	4325
58.00	221	83.00	122	128.00	291	178.00	85
60.00	726	86.00	49	129.00	165	207.00	31
61.00	2929	87.00	3622	130.00	245		

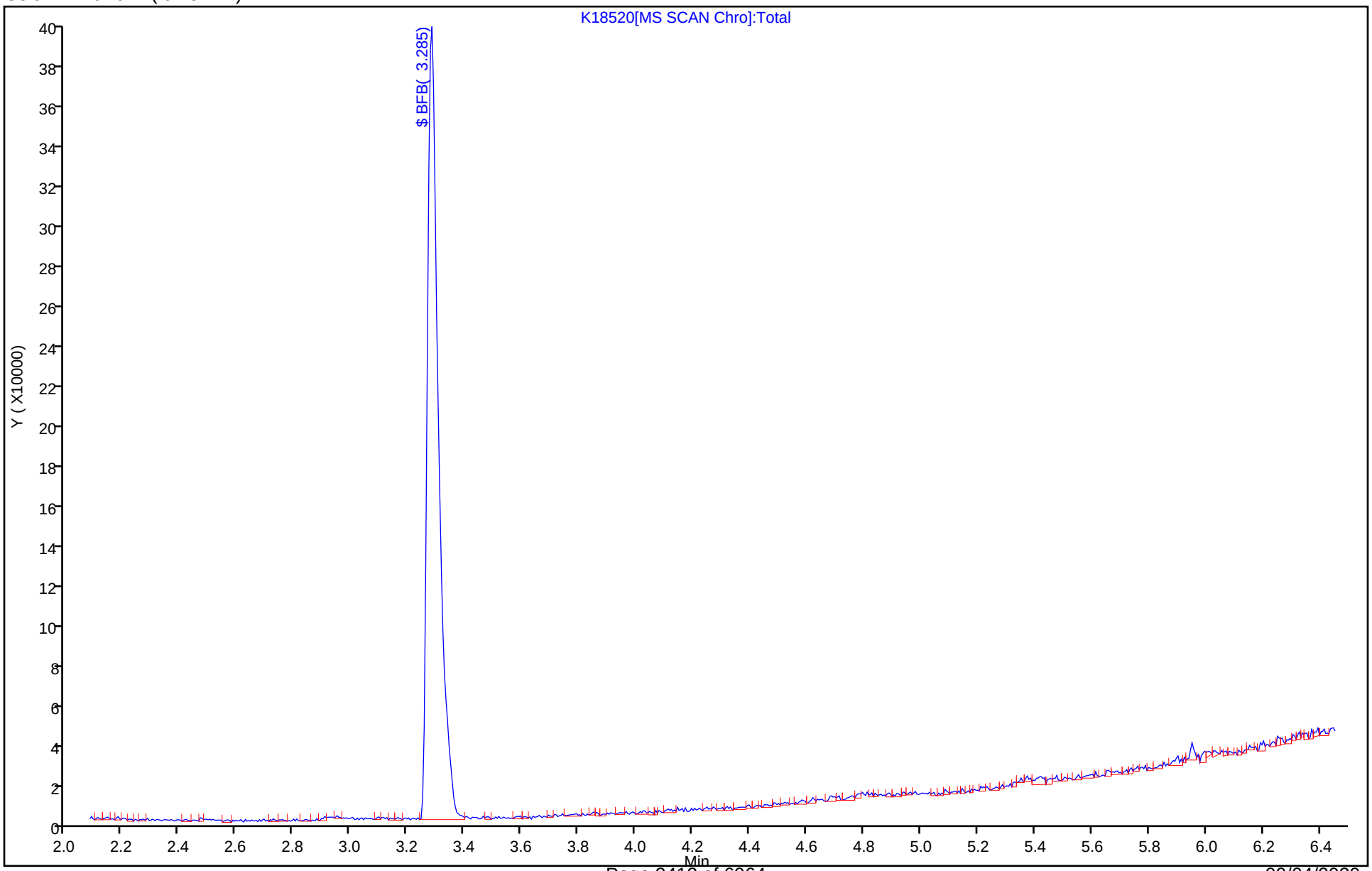
Report Date: 28-Aug-2020 12:13:33 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18520.D

Injection Date:	28-Aug-2020 09:30:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18572.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Aug-2020 09:29:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0115966-001
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Aug-2020 08:54:59 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: starzecm Date: 29-Aug-2020 09:39:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.301	3.301	0.000	91	276926	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

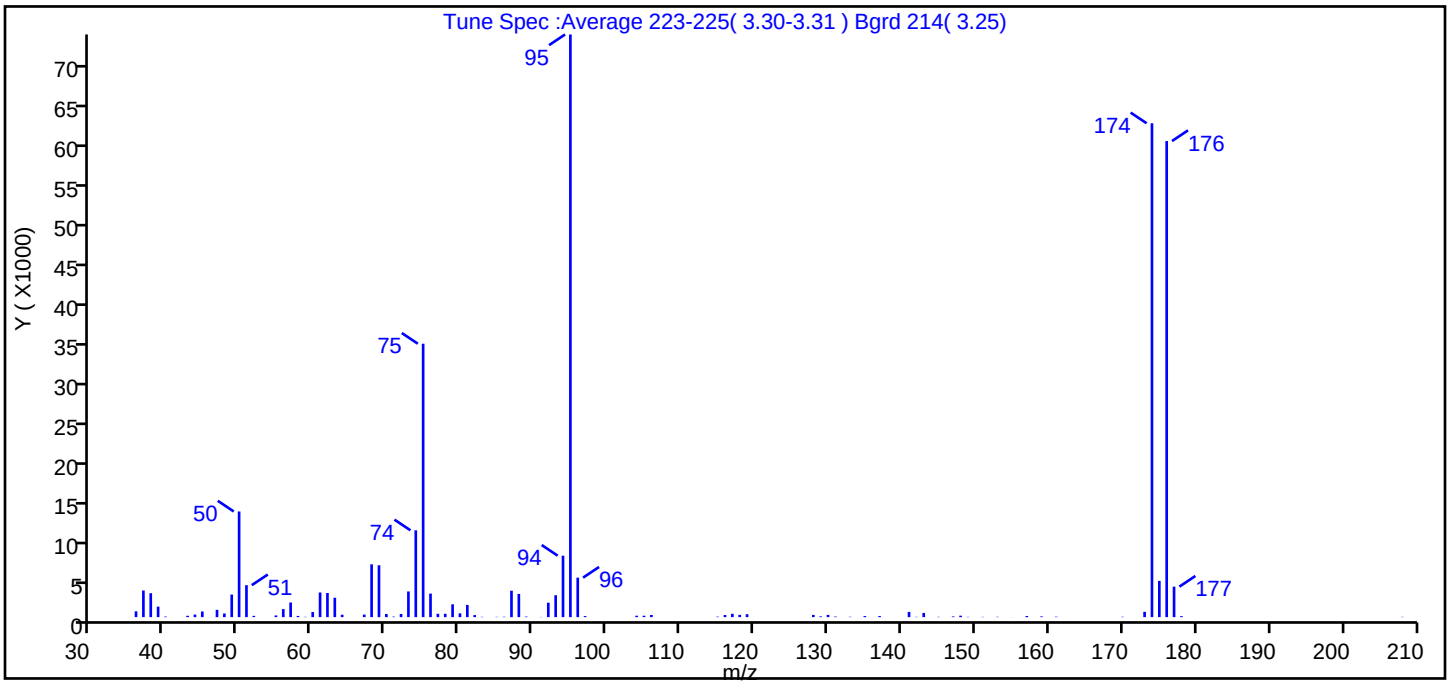
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18572.D
Injection Date: 29-Aug-2020 09:29:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.1
75	30 to 60% of m/z 95	46.9
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	84.8
175	5 to 9% of m/z 174	6.2 (7.3)
176	Greater than 95% but less than 101% of m/z 174	81.7 (96.4)
177	5 to 9% of m/z 176	5.2 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18572.D\8260S9.rslt\spectra.d
Injection Date: 29-Aug-2020 09:29:30
Spectrum: Tune Spec :Average 223-225(3.30-3.31) Bgrd 214(3.25)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	732	62.00	3036	88.00	2918	137.00	136
37.00	3347	63.00	2440	89.00	72	141.00	656
38.00	3010	64.00	302	91.00	24	142.00	38
39.00	1320	67.00	322	92.00	1816	143.00	528
40.00	73	68.00	6641	93.00	2754	145.00	40
41.00	5	69.00	6520	94.00	7725	147.00	89
43.00	170	70.00	393	95.00	73232	148.00	182
44.00	323	71.00	66	96.00	4964	149.00	37
45.00	711	72.00	395	97.00	135	151.00	34
46.00	8	73.00	3228	104.00	182	153.00	43
47.00	919	74.00	10915	105.00	178	155.00	9
48.00	458	75.00	34368	106.00	270	157.00	144
49.00	2839	76.00	2961	115.00	62	159.00	89
50.00	13280	77.00	422	116.00	266	161.00	56
51.00	4019	78.00	421	117.00	420	170.00	47
52.00	163	79.00	1611	118.00	289	173.00	671
55.00	215	80.00	477	119.00	370	174.00	62072
56.00	1010	81.00	1534	128.00	277	175.00	4560
57.00	1840	82.00	257	129.00	94	176.00	59840
58.00	152	83.00	40	130.00	282	177.00	3832
59.00	37	85.00	36	131.00	75	178.00	126
60.00	640	86.00	51	133.00	46	208.00	37
61.00	3099	87.00	3322	135.00	138		

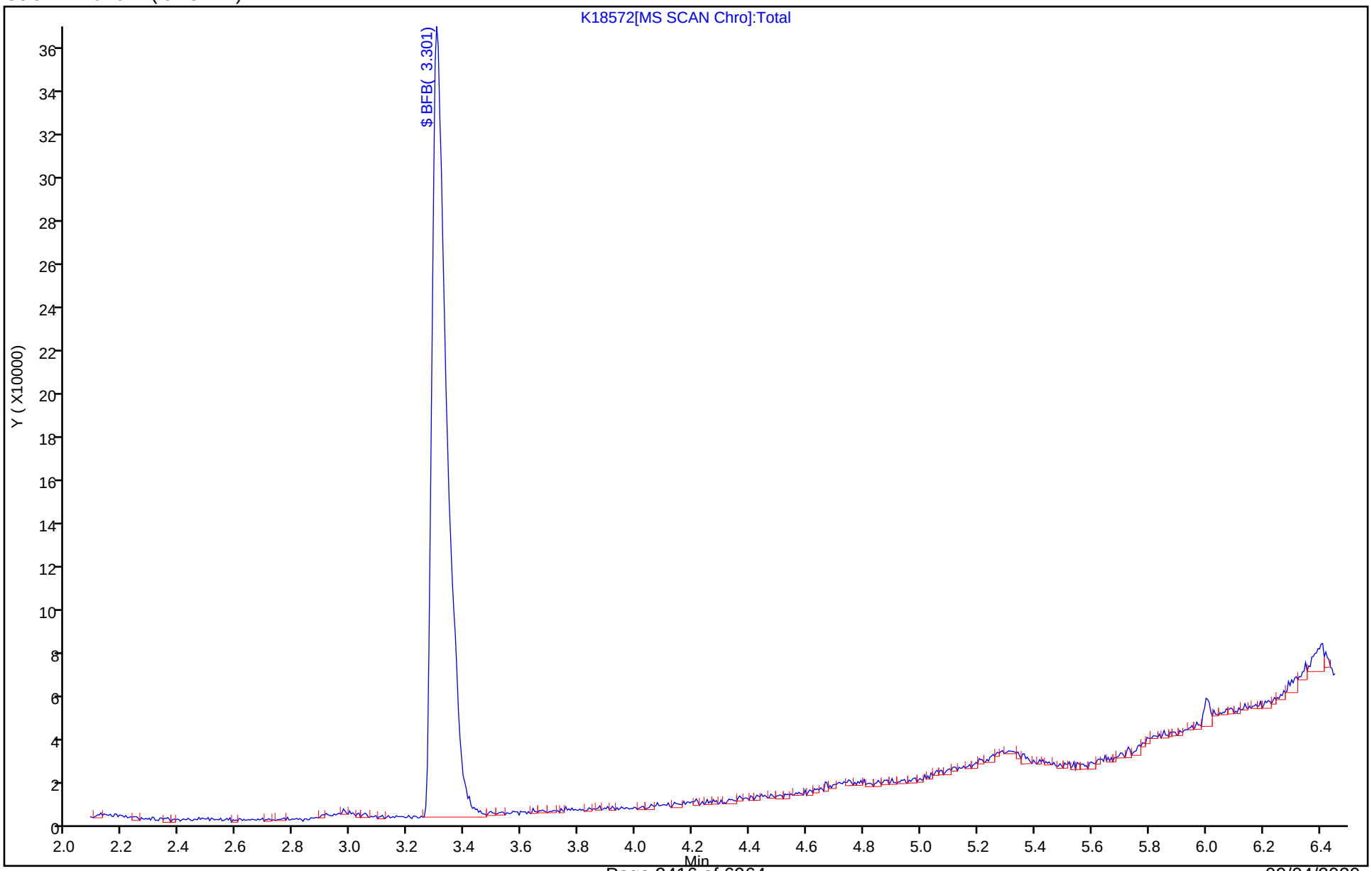
Report Date: 30-Aug-2020 08:55:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18572.D

Injection Date:	29-Aug-2020 09:29:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18625.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 31-Aug-2020 04:18:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0116031-001
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:47:58 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:47:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.296	3.296	0.000	15	226258	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

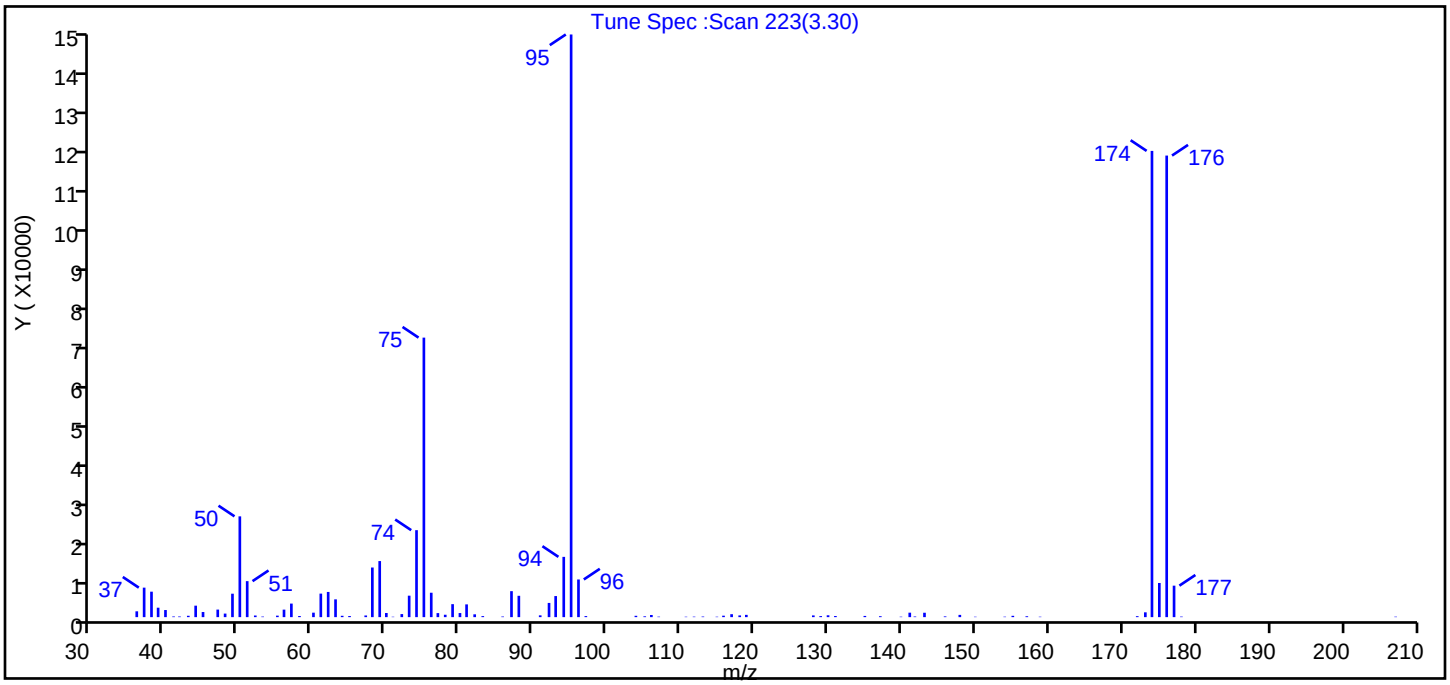
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18625.D
Injection Date: 31-Aug-2020 04:18:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.3
75	30 to 60% of m/z 95	48.0
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	80.0
175	5 to 9% of m/z 174	5.9 (7.3)
176	Greater than 95% but less than 101% of m/z 174	79.2 (99.0)
177	5 to 9% of m/z 176	5.4 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18625.D\8260S9.rslt\spectra.d
Injection Date: 31-Aug-2020 04:18:30
Spectrum: Tune Spec :Scan 223(3.30)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1464	62.00	6316	88.00	5348	131.00	282
37.00	7395	63.00	4461	91.00	448	135.00	305
38.00	6382	64.00	338	92.00	3562	137.00	231
39.00	2366	65.00	277	93.00	5285	140.00	112
40.00	1783	67.00	418	94.00	15109	141.00	1119
41.00	166	68.00	12440	95.00	146048	142.00	160
42.00	164	69.00	14055	96.00	9443	143.00	1103
43.00	344	70.00	1036	97.00	266	146.00	186
44.00	2876	71.00	101	104.00	338	148.00	566
45.00	1284	72.00	769	105.00	204	150.00	103
47.00	1894	73.00	5382	106.00	539	154.00	114
48.00	891	74.00	21800	107.00	120	155.00	332
49.00	5876	75.00	70064	111.00	107	157.00	223
50.00	25264	76.00	6119	112.00	124	159.00	109
51.00	9023	77.00	1013	113.00	149	172.00	244
52.00	409	78.00	602	115.00	110	173.00	1208
53.00	141	79.00	3255	116.00	364	174.00	116864
55.00	376	80.00	1026	117.00	741	175.00	8562
56.00	1883	81.00	3198	118.00	433	176.00	115696
57.00	3399	82.00	709	119.00	571	177.00	7891
58.00	279	83.00	260	128.00	431	178.00	137
60.00	1122	86.00	154	129.00	263	207.00	116
61.00	5899	87.00	6513	130.00	467		

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

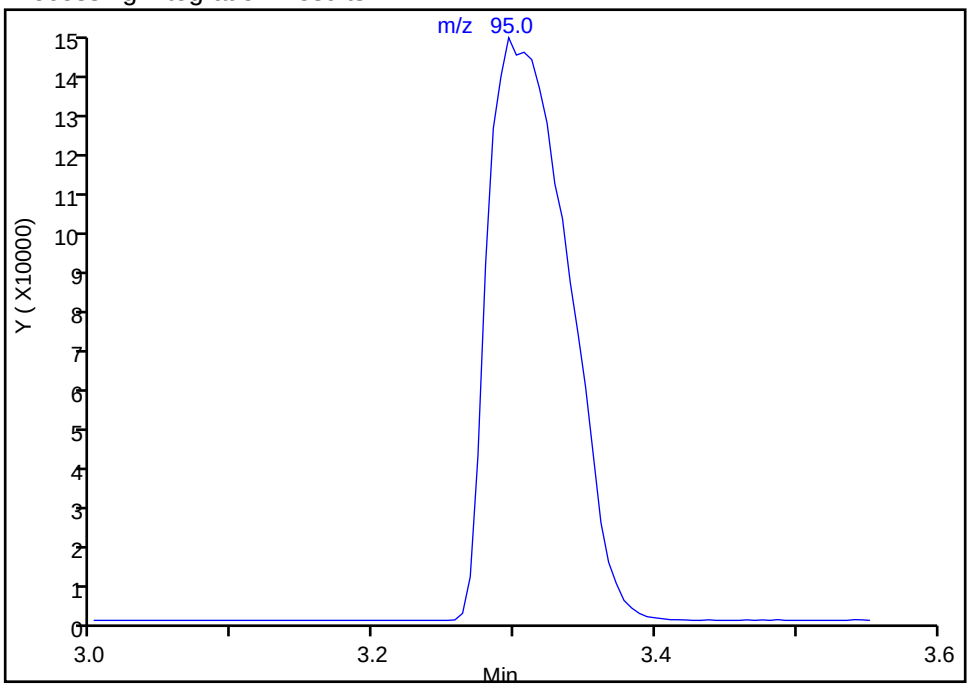
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18625.D				
Injection Date:	31-Aug-2020 04:18:30	Instrument ID:	CVOAMS9		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

$ 140 BFB, CAS: 460-00-4

Signal: 1

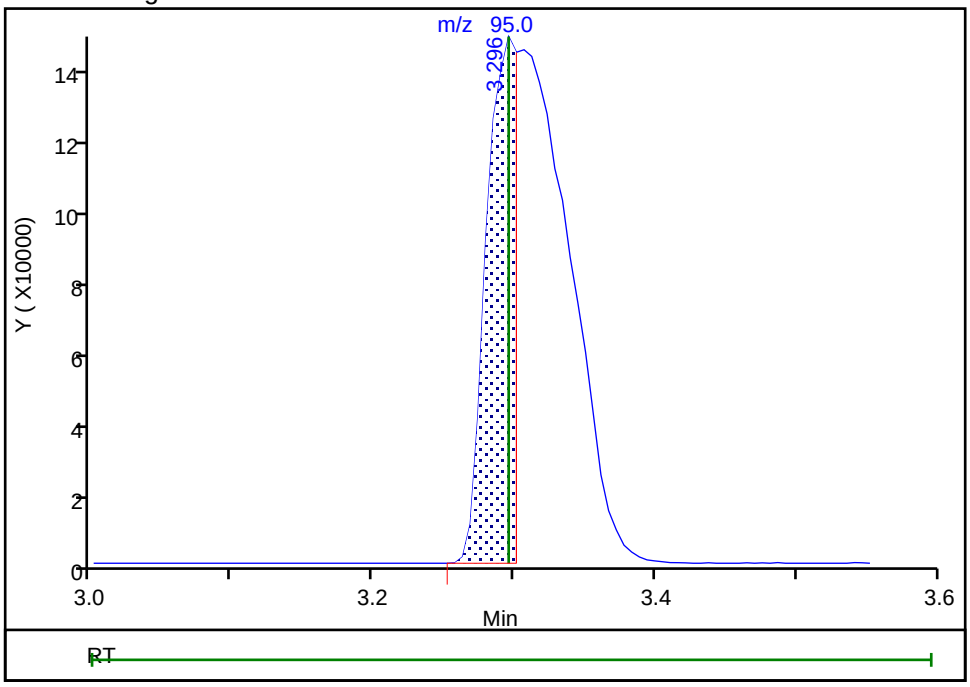
Processing Integration Results

Not Detected
Expected RT: 3.30



Manual Integration Results

RT: 3.30
Area: 226258
Amount: 0
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 04:28:24
Audit Action: New Tune Spectrum Audit Reason:

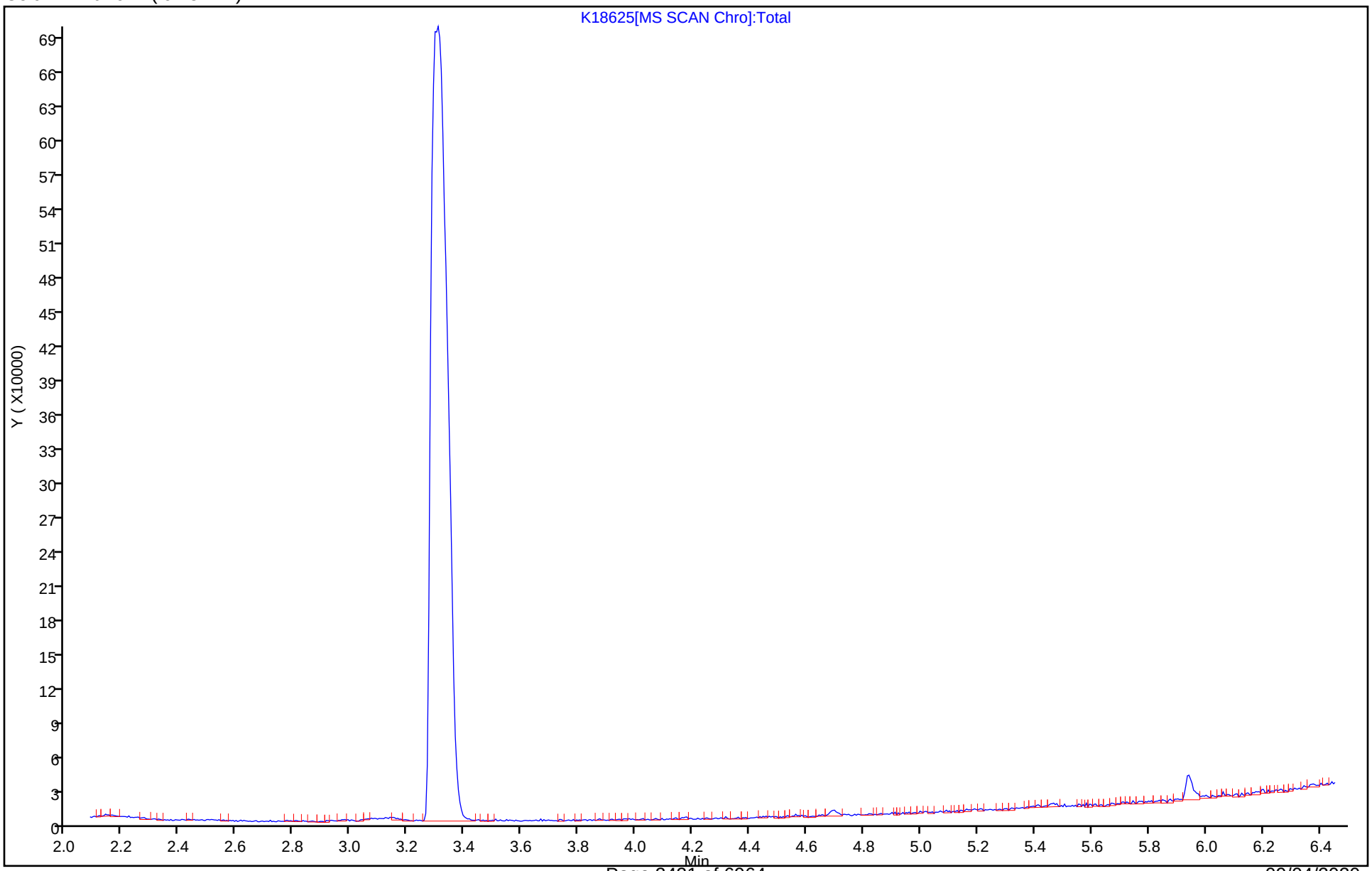
Report Date: 31-Aug-2020 16:47:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18625.D

Injection Date:	31-Aug-2020 04:18:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18652.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 01-Sep-2020 08:06:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0116107-001
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Sep-2020 12:12:36 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: starzecm Date: 01-Sep-2020 12:12:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	3.263	3.263	0.000	93	461352	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

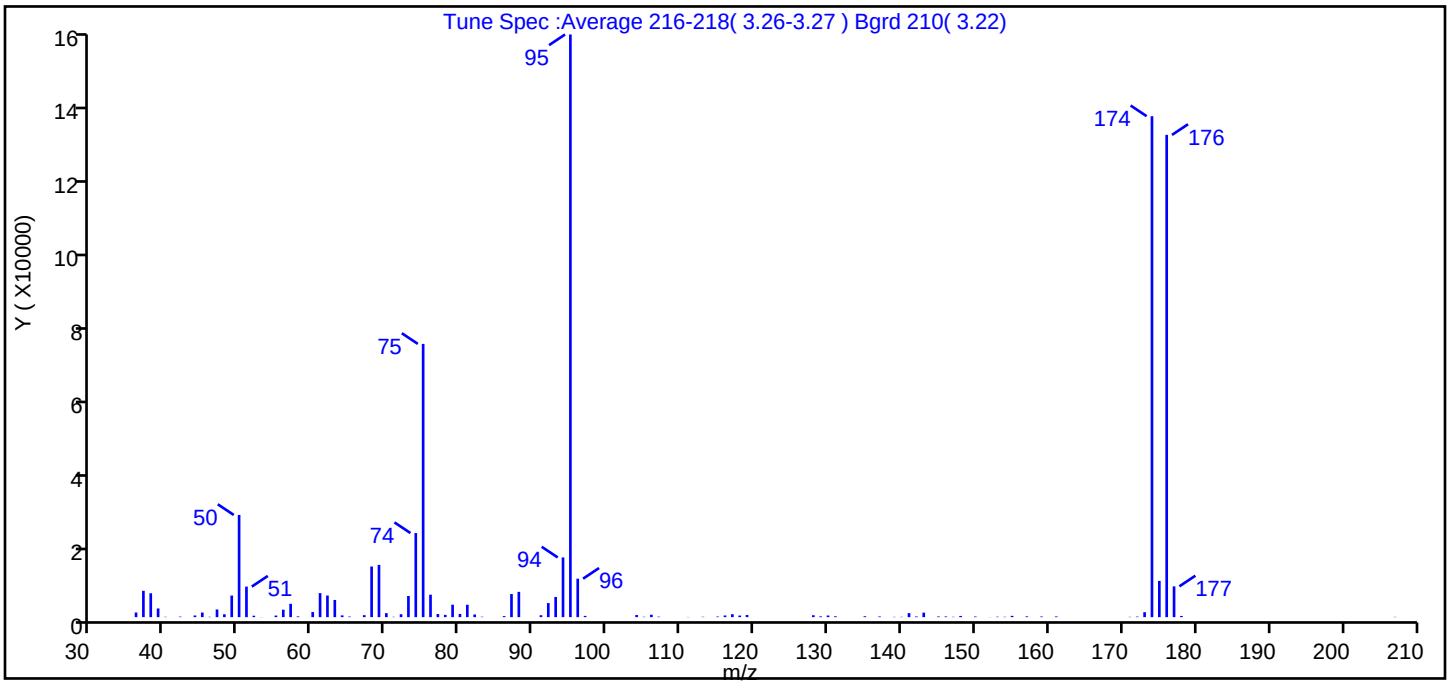
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18652.D
Injection Date: 01-Sep-2020 08:06:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	46.9
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	86.0
175	5 to 9% of m/z 174	6.2 (7.2)
176	Greater than 95% but less than 101% of m/z 174	82.8 (96.3)
177	5 to 9% of m/z 176	5.3 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18652.D\8260S9.rslt\spectra.d
Injection Date: 01-Sep-2020 08:06:30
Spectrum: Tune Spec :Average 216-218(3.26-3.27) Bgrd 210(3.22)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1221	64.00	461	93.00	5291	141.00	1053
37.00	6908	65.00	151	94.00	15670	142.00	177
38.00	6265	67.00	519	95.00	152896	143.00	1182
39.00	2281	68.00	13284	96.00	10092	145.00	178
40.00	91	69.00	13712	97.00	333	146.00	180
42.00	138	70.00	1045	104.00	558	147.00	87
44.00	435	71.00	89	105.00	98	148.00	315
45.00	1207	72.00	764	106.00	633	150.00	165
46.00	86	73.00	5551	107.00	122	152.00	34
47.00	2014	74.00	22064	111.00	49	153.00	117
48.00	755	75.00	71704	113.00	93	154.00	94
49.00	5669	76.00	5889	115.00	159	155.00	341
50.00	26816	77.00	815	116.00	440	157.00	207
51.00	8011	78.00	598	117.00	775	159.00	165
52.00	372	79.00	3264	118.00	420	161.00	189
53.00	38	80.00	844	119.00	560	171.00	77
55.00	418	81.00	3243	128.00	501	172.00	138
56.00	1953	82.00	695	129.00	203	173.00	1294
57.00	3499	83.00	104	130.00	428	174.00	131456
58.00	194	86.00	277	131.00	229	175.00	9516
60.00	1331	87.00	6057	135.00	234	176.00	126544
61.00	6308	88.00	6637	137.00	176	177.00	8079
62.00	5675	91.00	502	139.00	78	178.00	313
63.00	4503	92.00	3695	140.00	76	207.00	70

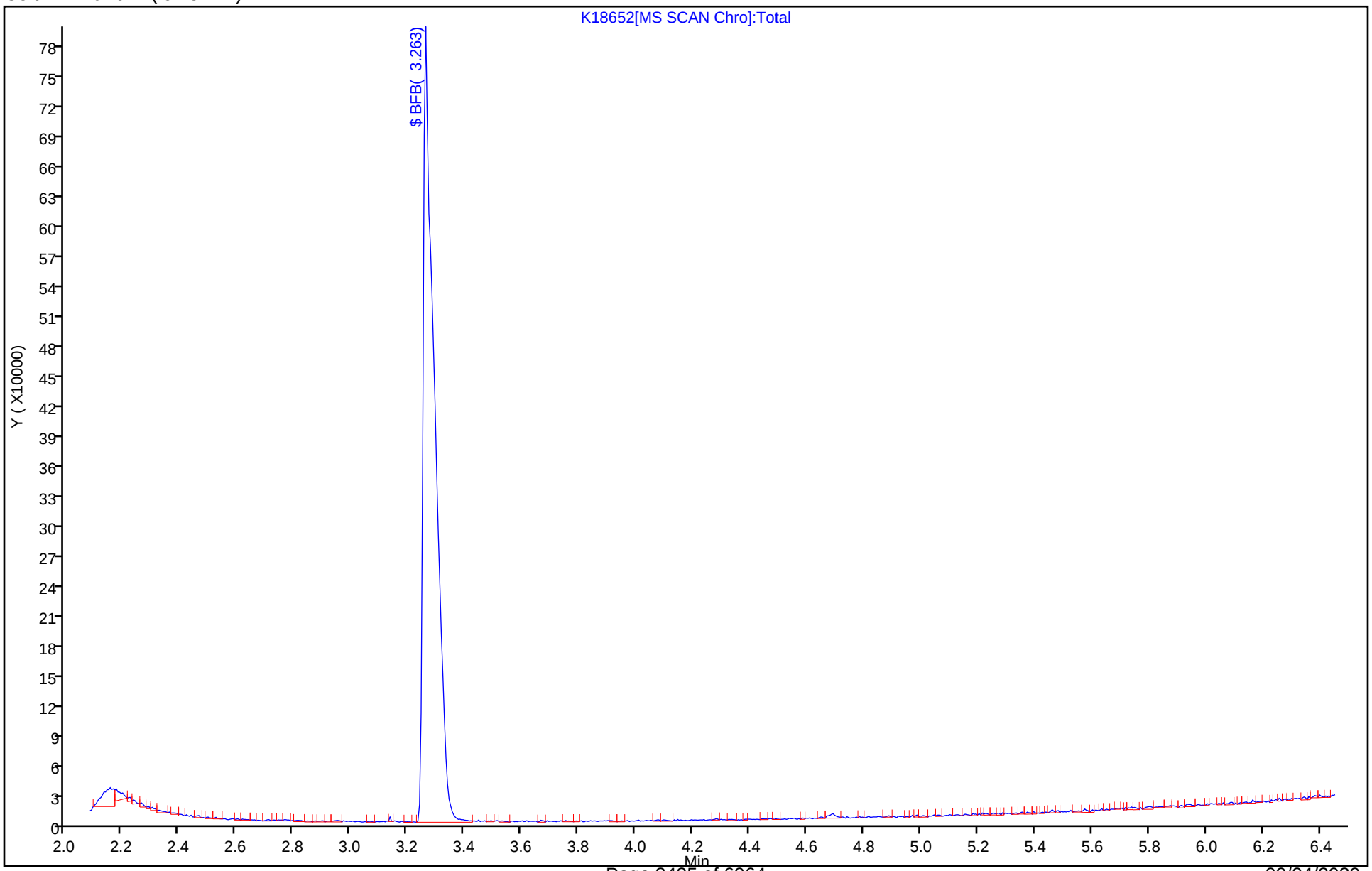
Report Date: 01-Sep-2020 12:12:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18652.D

Injection Date:	01-Sep-2020 08:06:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720210/7

Matrix: Water Lab File ID: T38367.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 09:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720210/7

Matrix: Water Lab File ID: T38367.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 09:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38367.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Aug-2020 09:36:04 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0115909-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 10:34:52 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: desais Date: 28-Aug-2020 10:25:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	95	32633	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	45	251106	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	94	123951	50.0	52.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	100	147531	50.0	57.9	
* 65 Fluorobenzene	96	3.275	3.275	0.000	98	424012	50.0	50.0	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	1	21556	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.908	4.902	0.006	98	418932	50.0	53.2	
* 94 Chlorobenzene-d5	117	6.749	6.750	-0.001	87	287359	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.536	8.530	0.006	82	106330	50.0	53.2	
* 120 1,4-Dichlorobenzene-d4	152	10.377	10.377	0.000	97	119548	50.0	50.0	

Reagents:

VOA6IS/SURR_00038 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 28-Aug-2020 10:35:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38367.D

Injection Date: 28-Aug-2020 09:36:04 Instrument ID: CVOAMS15

Lims ID: MB

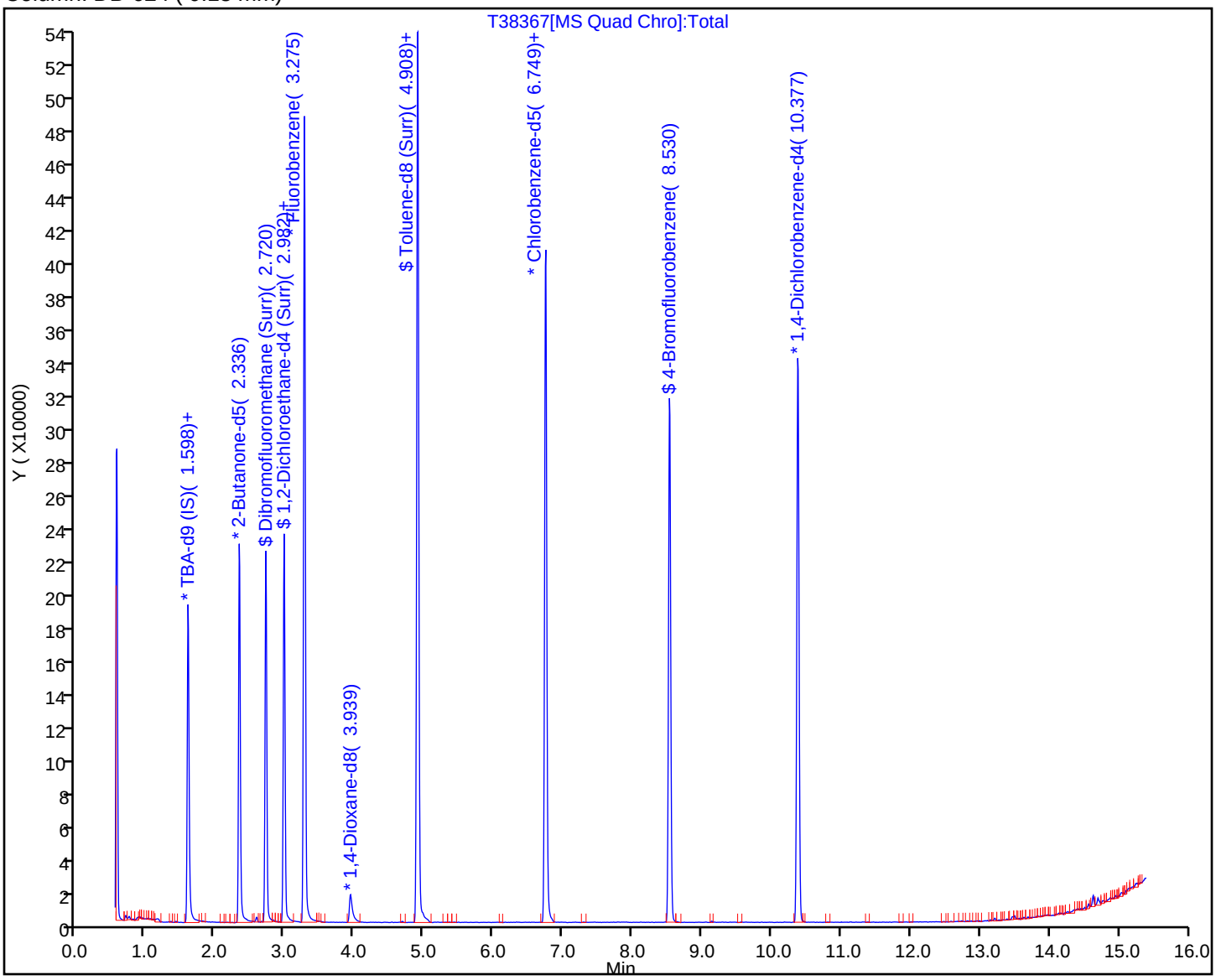
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720240/8

Matrix: Solid Lab File ID: K18527.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 12:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720240/8

Matrix: Solid Lab File ID: K18527.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 12:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	112		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720240/8

Matrix: Solid Lab File ID: K18527.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 12:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18527.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Aug-2020 12:18:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0115917-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 16:04:54 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1061

First Level Reviewer: delpolitov Date: 28-Aug-2020 16:06:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.411	2.422	-0.011	96	457640	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.306	3.306	0.000	95	336040	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.759	3.758	0.000	97	188856	50.0	56.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.075	0.000	0	200862	50.0	58.0	
* 66 Fluorobenzene	96	4.413	4.413	0.000	99	494137	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.183	5.183	0.000	99	38742	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	99	543242	50.0	51.0	
* 94 Chlorobenzene-d5	117	8.195	8.194	0.001	87	337018	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	173049	50.0	54.4	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.823	-0.005	97	202294	50.0	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

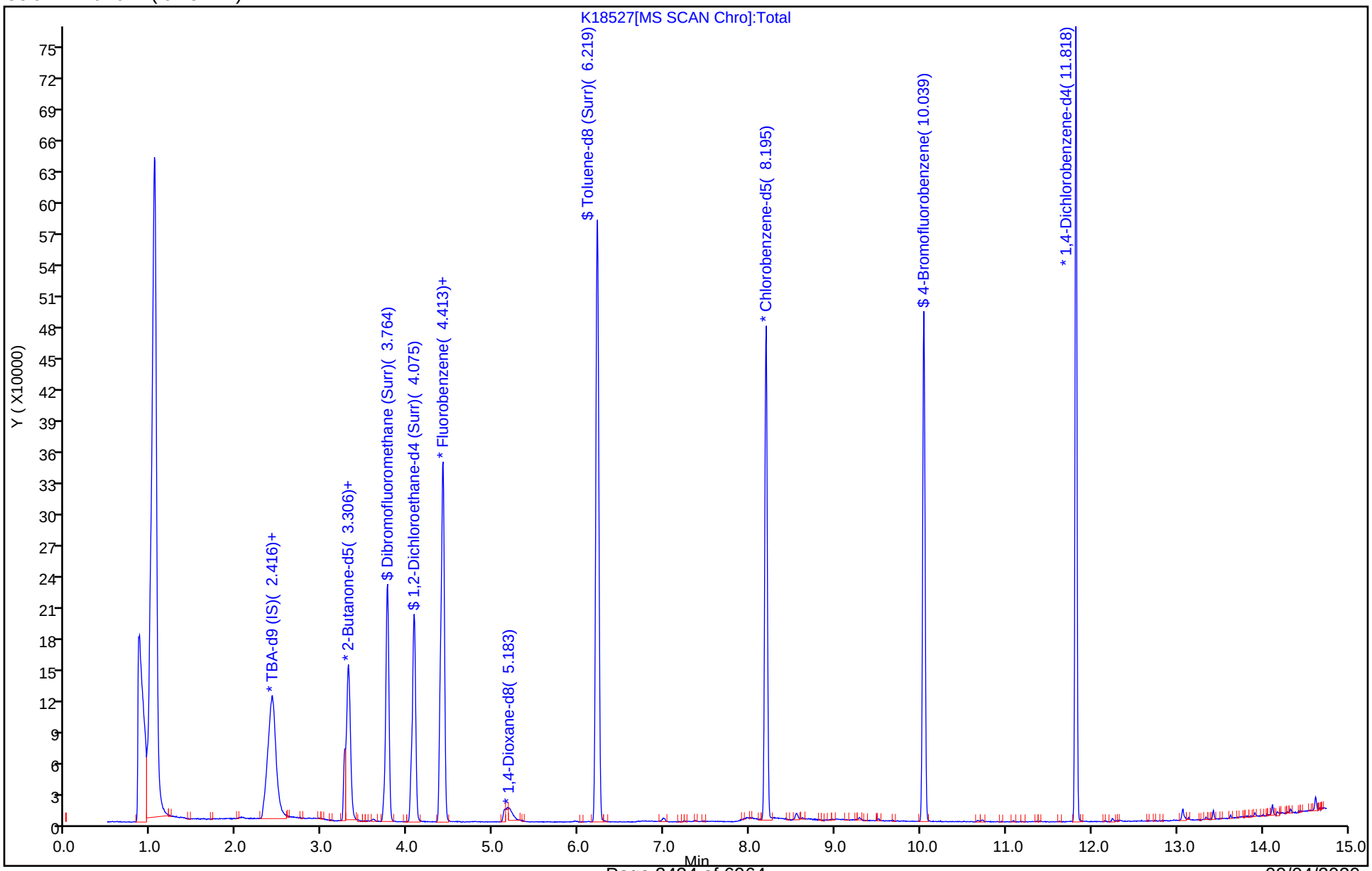
Report Date: 28-Aug-2020 16:06:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18527.D

Injection Date:	28-Aug-2020 12:18:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



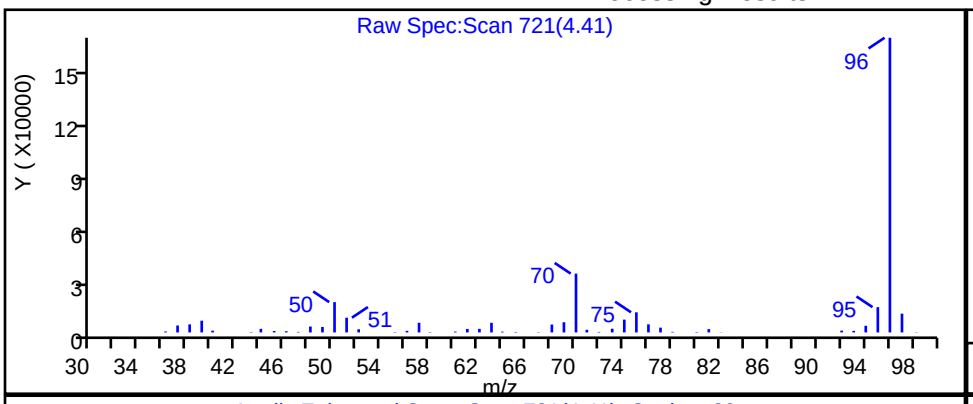
User Disabled Compound Report

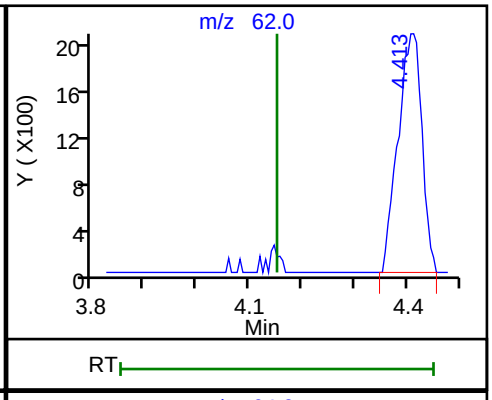
Eurofins TestAmerica, Edison

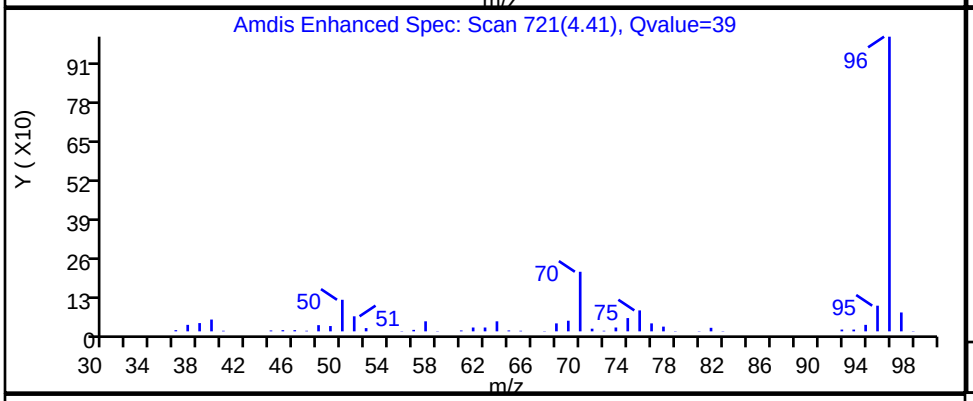
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18527.D		
Injection Date:	28-Aug-2020 12:18:30	Instrument ID:	CVOAMS9
Lims ID:	MB		
Client ID:			
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

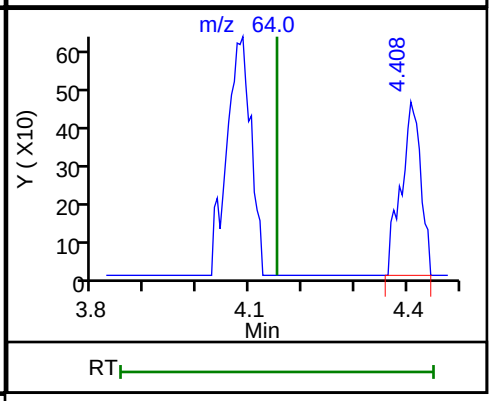
64 1,2-Dichloroethane, CAS: 107-06-2

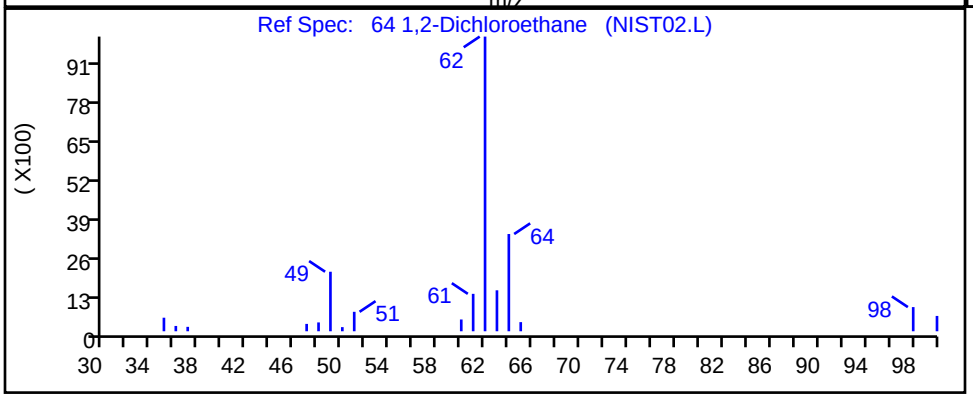
Processing Results











RT	Mass	Response	Amount
4.41	62.00	6485	1.477619
4.41	64.00	1206	

Reviewer: starzecm, 28-Aug-2020 13:00:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720347/7

Matrix: Solid Lab File ID: B628608.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 19:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720347/7

Matrix: Solid Lab File ID: B628608.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 19:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-145
460-00-4	4-Bromofluorobenzene	101		79-125
1868-53-7	Dibromofluoromethane (Surr)	100		48-150
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720347/7

Matrix: Solid Lab File ID: B628608.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 19:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628608.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Aug-2020 19:19:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0115927-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 12:42:46 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 12:42:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.752	1.758	-0.006	0	545950	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.599	2.593	0.006	0	467899	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.044	-0.006	95	213643	50.0	50.1	a
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	260865	50.0	50.5	
* 60 Fluorobenzene	96	3.715	3.715	0.000	98	646525	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.574	4.580	-0.006	0	37406	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.794	5.800	-0.006	97	840261	50.0	48.1	
* 86 Chlorobenzene-d5	117	8.250	8.244	0.006	89	468730	50.0	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	88	228756	50.0	50.6	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	98	251163	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

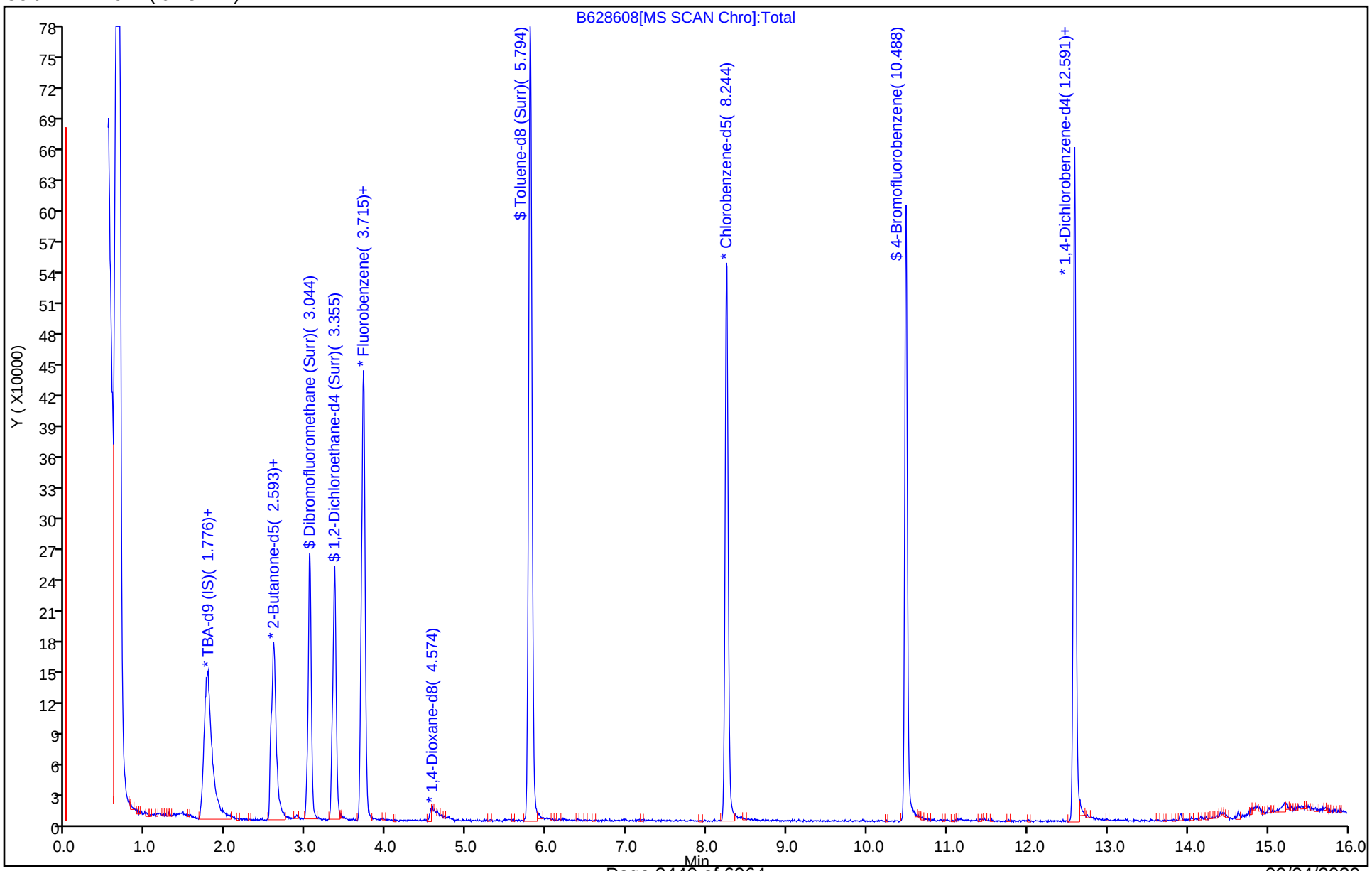
Report Date: 31-Aug-2020 12:42:47 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628608.D

Injection Date:	28-Aug-2020 19:19:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

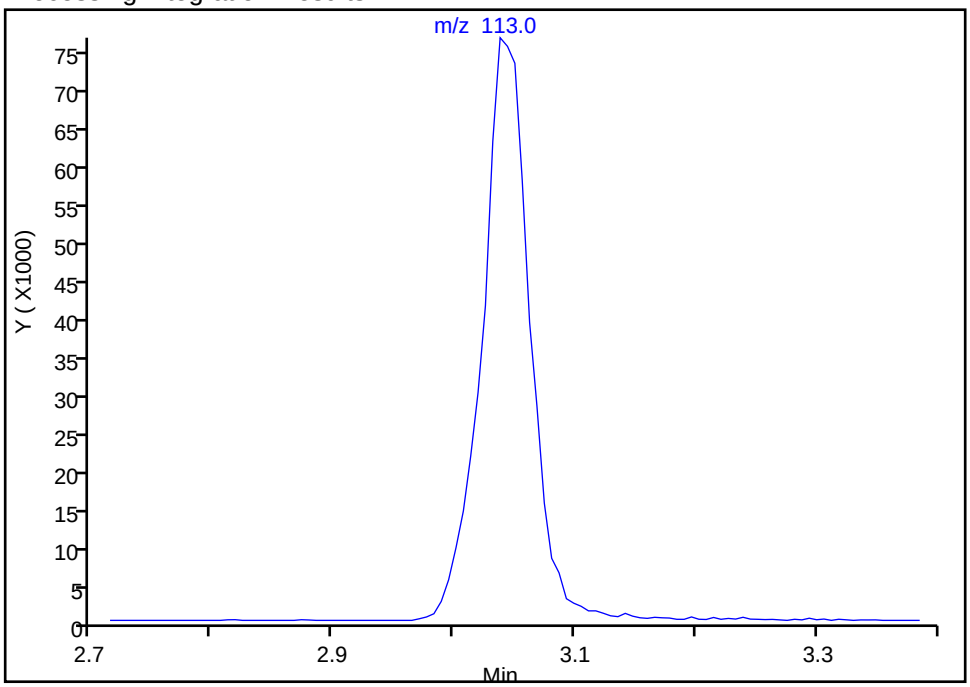
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628608.D
Injection Date: 28-Aug-2020 19:19:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 51 Dibromofluoromethane (Surr), CAS: 1868-53-7

Signal: 1

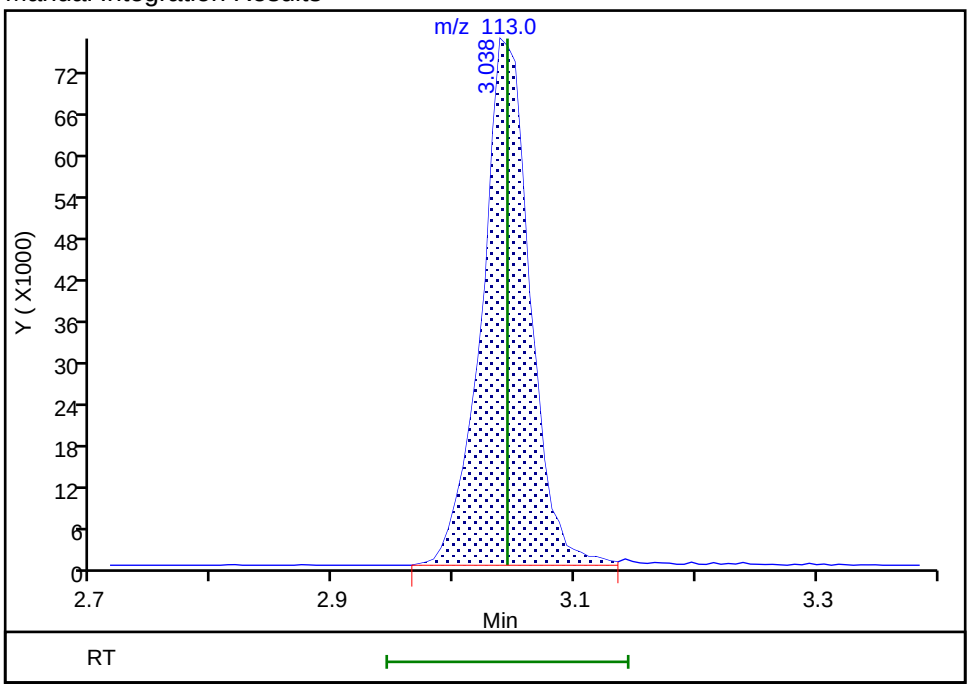
Not Detected
Expected RT: 3.04

Processing Integration Results



Manual Integration Results

RT: 3.04
Area: 213643
Amount: 50.066851
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 12:41:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720465/7

Matrix: Solid Lab File ID: B62636.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 07:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720465/7

Matrix: Solid Lab File ID: B62636.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 07:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		77-145
460-00-4	4-Bromofluorobenzene	90		79-125
1868-53-7	Dibromofluoromethane (Surr)	89		48-150
2037-26-5	Toluene-d8 (Surr)	84		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720465/7

Matrix: Solid Lab File ID: B62636.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 07:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62636.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 29-Aug-2020 07:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0115948-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:12:52 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 10:13:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.752	1.758	-0.006	0	462266	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.581	2.574	0.007	0	405249	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.032	0.006	96	194967	50.0	44.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.343	3.343	0.000	0	226855	50.0	42.7	
* 60 Fluorobenzene	96	3.709	3.702	0.007	98	664544	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.587	4.580	0.007	0	31397	1000.0	1000.0	a
$ 77 Toluene-d8 (Surr)	98	5.794	5.793	0.001	98	757979	50.0	42.0	
* 86 Chlorobenzene-d5	117	8.244	8.238	0.006	90	484262	50.0	50.0	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	87	209026	50.0	45.1	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	257585	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

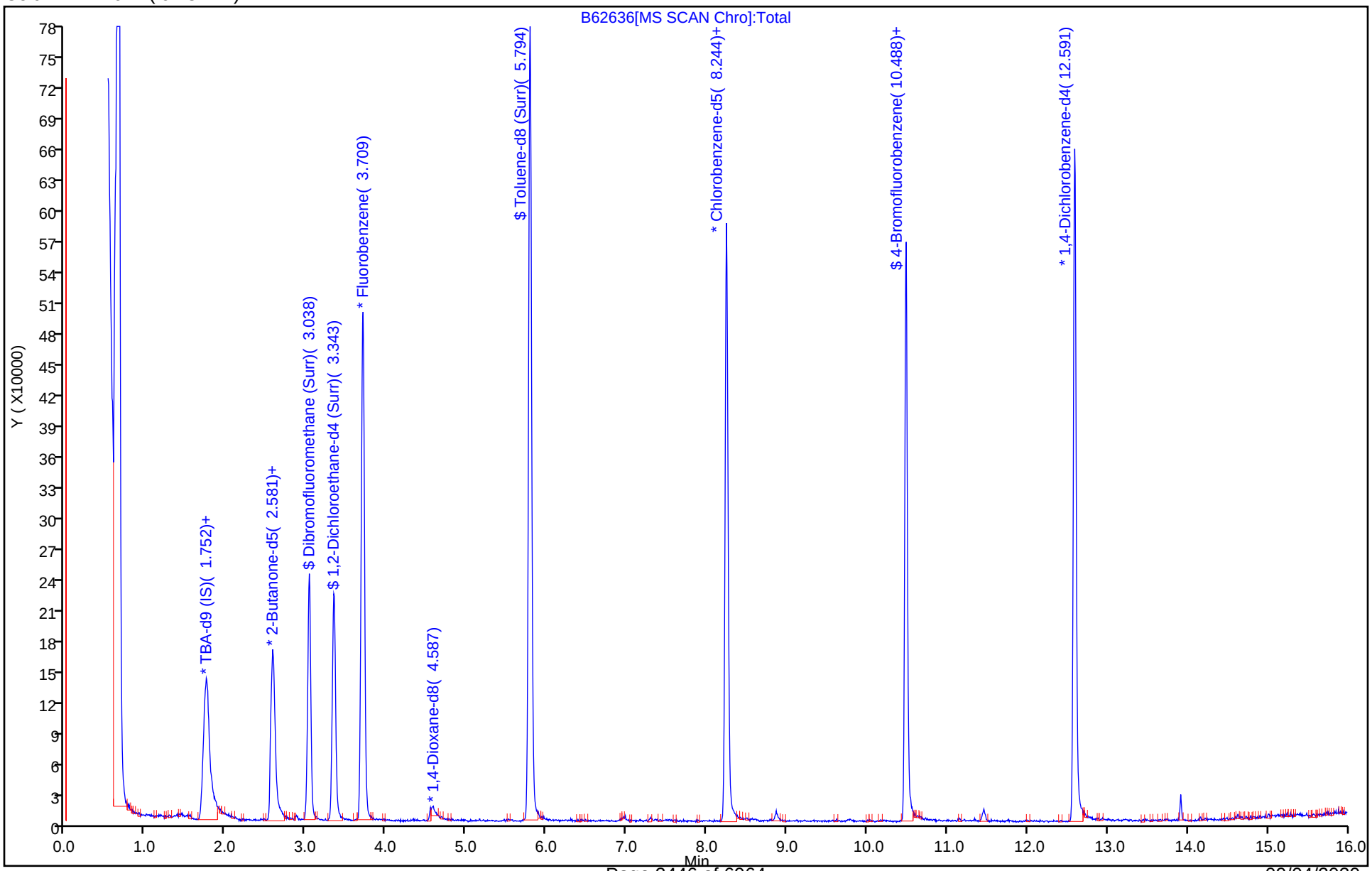
Report Date: 31-Aug-2020 10:13:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62636.D

Injection Date:	29-Aug-2020 07:27:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_2	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

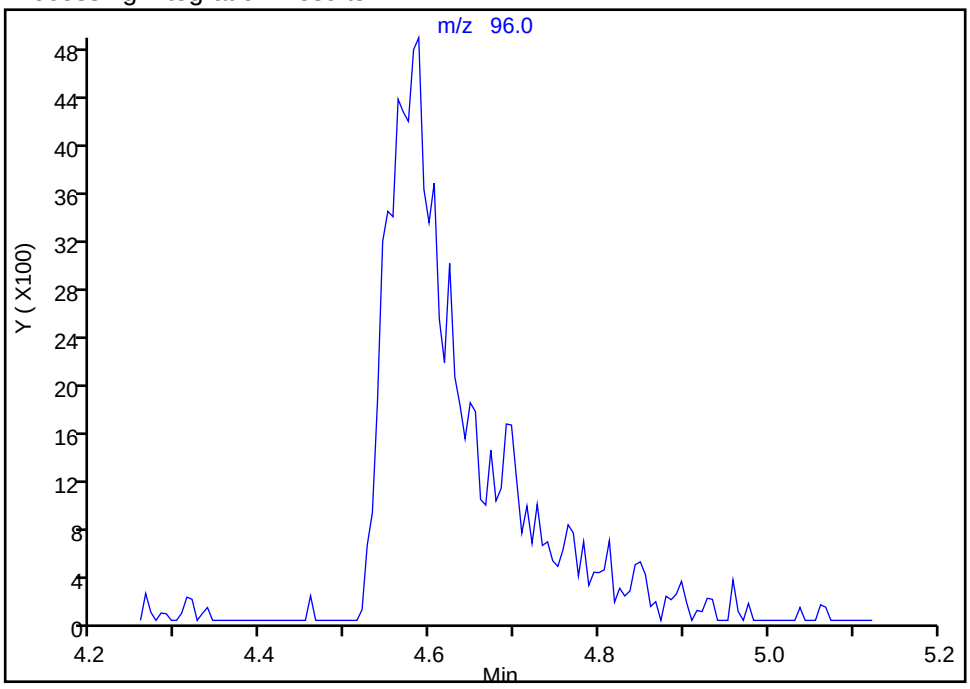
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62636.D
Injection Date: 29-Aug-2020 07:27:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

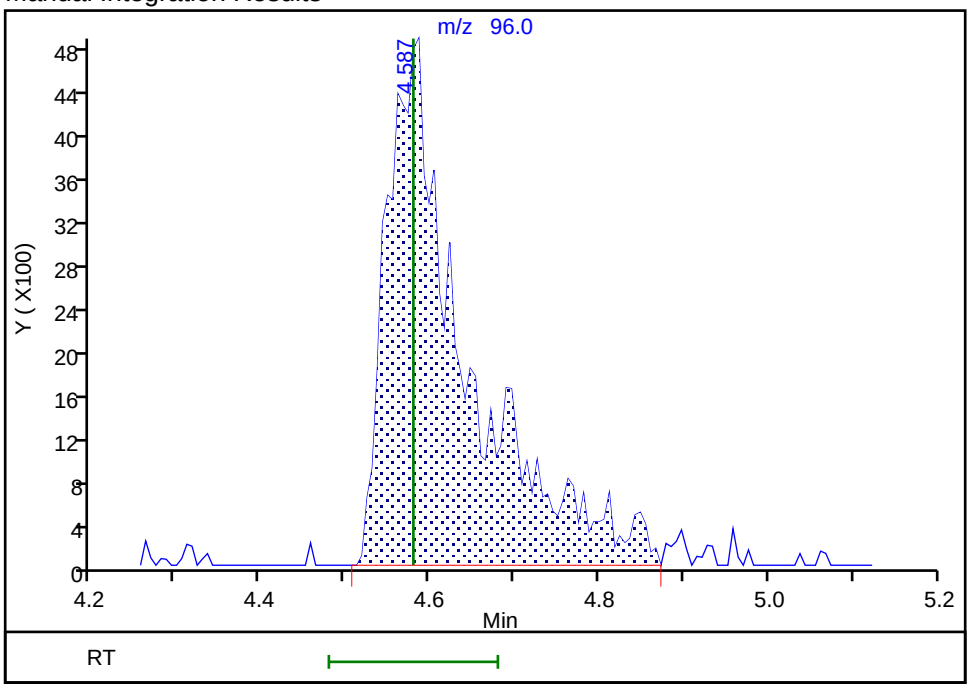
Not Detected
Expected RT: 4.58

Processing Integration Results



Manual Integration Results

RT: 4.59
Area: 31397
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 11:38:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720508/7

Matrix: Solid Lab File ID: K18578.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 11:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720508/7

Matrix: Solid Lab File ID: K18578.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 11:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720508/7

Matrix: Solid Lab File ID: K18578.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 11:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18578.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 29-Aug-2020 11:52:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0115966-007
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:53:18 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 11:53:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.394	2.421	-0.027	96	319652	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.284	3.311	-0.027	95	234770	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.758	-0.005	97	174744	50.0	55.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.058	4.075	-0.017	0	176455	50.0	54.2	
* 66 Fluorobenzene	96	4.397	4.413	-0.016	98	464244	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.144	5.210	-0.066	99	25902	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	549287	50.0	52.4	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	332010	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	89	170844	50.0	54.5	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.828	0.000	96	198038	50.0	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

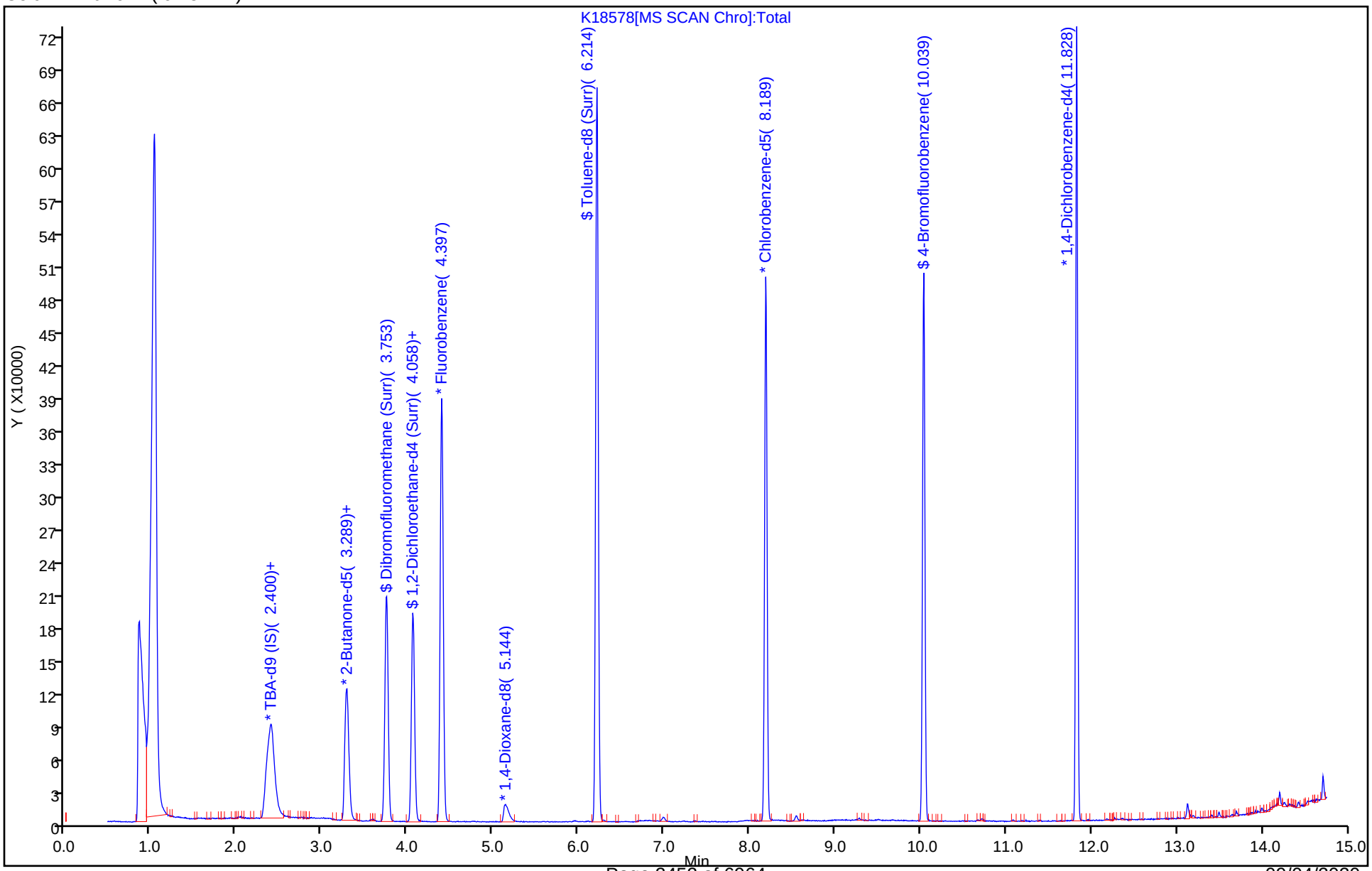
Report Date: 31-Aug-2020 11:53:19 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18578.D

Injection Date:	29-Aug-2020 11:52:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



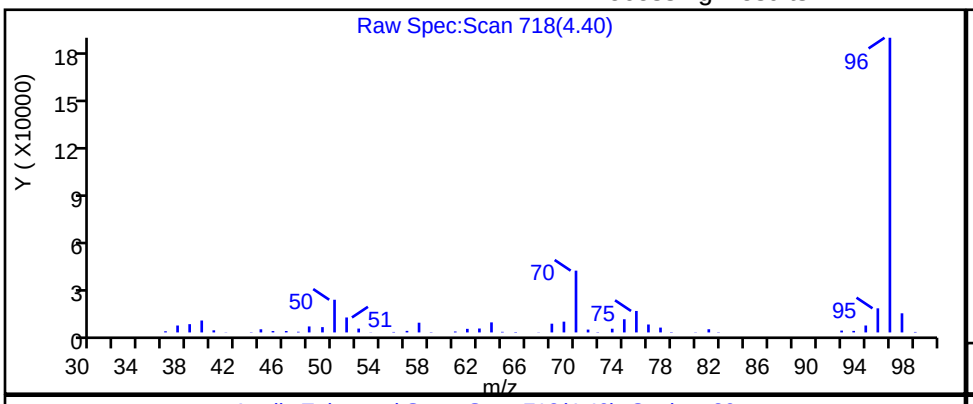
User Disabled Compound Report

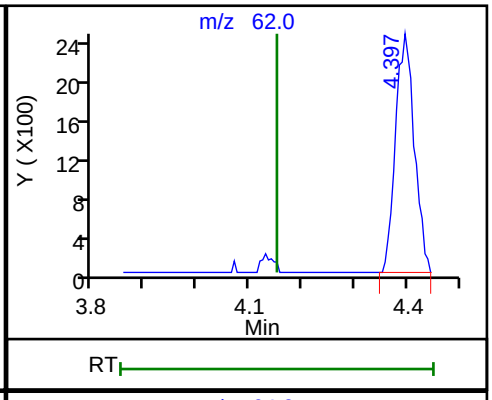
Eurofins TestAmerica, Edison

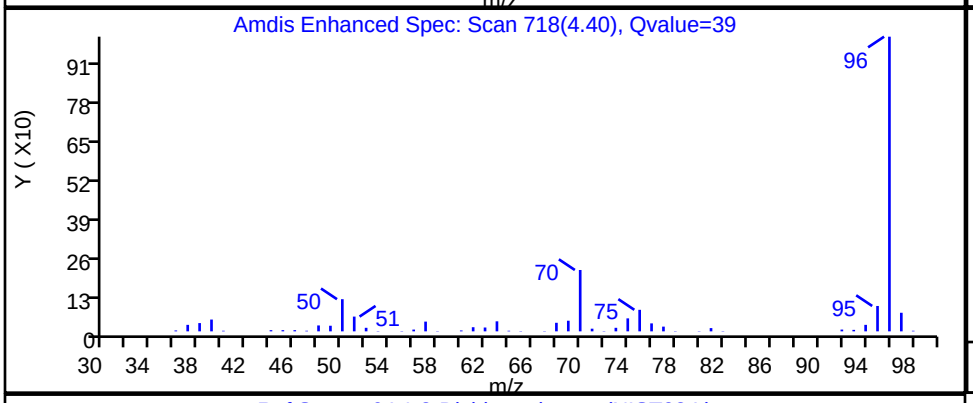
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18578.D
Injection Date: 29-Aug-2020 11:52:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

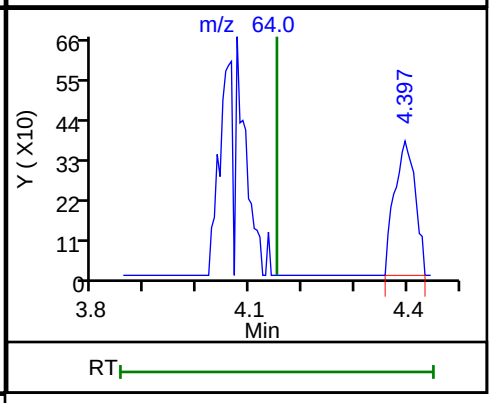
64 1,2-Dichloroethane, CAS: 107-06-2

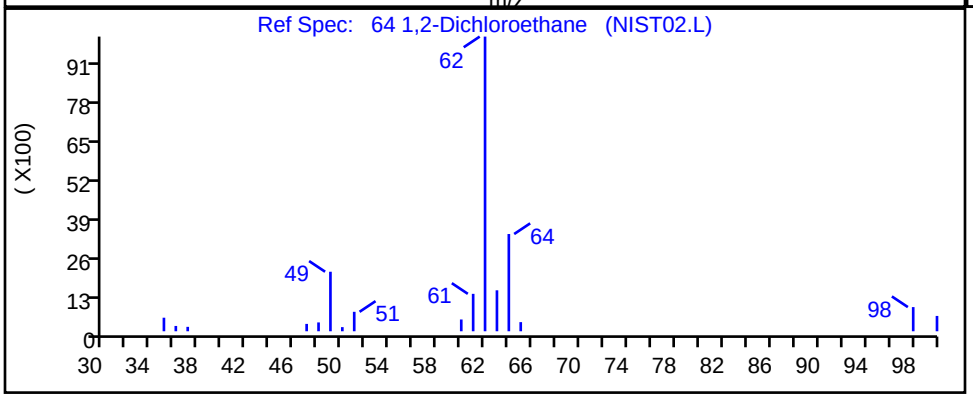
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6137	1.488366
4.40	64.00	1034	

Reviewer: tupayachia, 30-Aug-2020 08:56:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

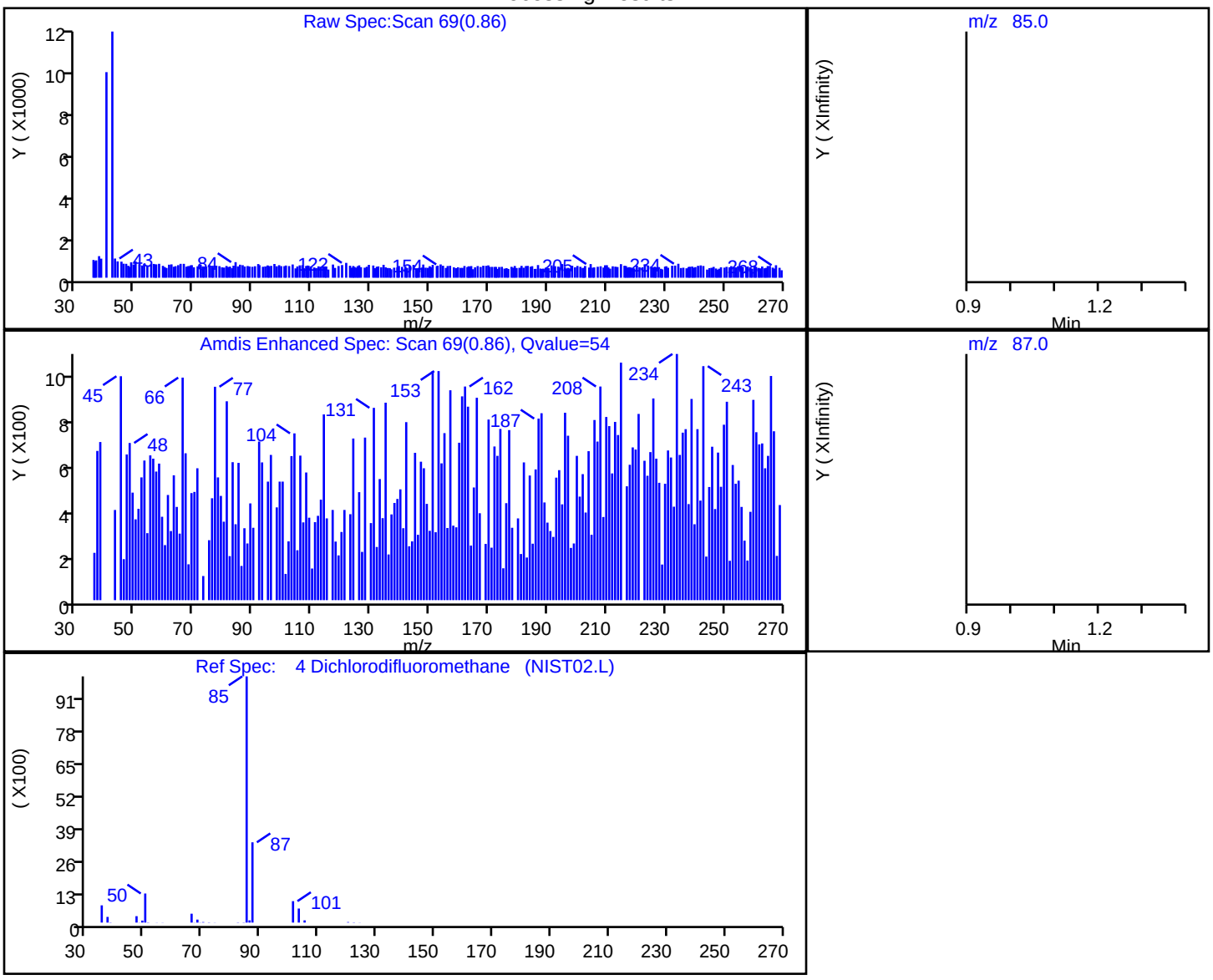
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18578.D
Injection Date: 29-Aug-2020 11:52:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.86	85.00	2896	0.616426
0.84	87.00	1270	

Reviewer: tupayachia, 30-Aug-2020 08:56:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720644/9

Matrix: Water Lab File ID: J05419.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720644/9

Matrix: Water Lab File ID: J05419.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05419.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2020 12:24:30 ALS Bottle#: 17 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116011-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 08:14:32 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1055

First Level Reviewer: boykink Date: 30-Aug-2020 22:47:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.986	2.986	0.000	75	151422	1000.0	1000.0	
* 43 2-Butanone-d5	46	4.059	4.059	0.000	86	227540	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.528	4.527	0.001	95	80153	50.0	48.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.882	4.881	0.001	0	113440	50.0	43.2	
* 66 Fluorobenzene	96	5.155	5.155	0.000	97	357713	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.863	5.874	-0.011	0	14579	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.834	6.833	0.001	97	264308	50.0	48.3	
* 94 Chlorobenzene-d5	117	8.638	8.648	-0.010	91	241606	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.985	9.984	0.001	88	70223	50.0	52.7	
* 121 1,4-Dichlorobenzene-d4	152	10.887	10.897	-0.010	98	92445	50.0	50.0	
133 Hexachlorobutadiene	225	12.211	12.210	0.001	86	421		0.9682	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 08:14:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05419.D

Injection Date: 30-Aug-2020 12:24:30 Instrument ID: CVOAMS8 Operator ID:

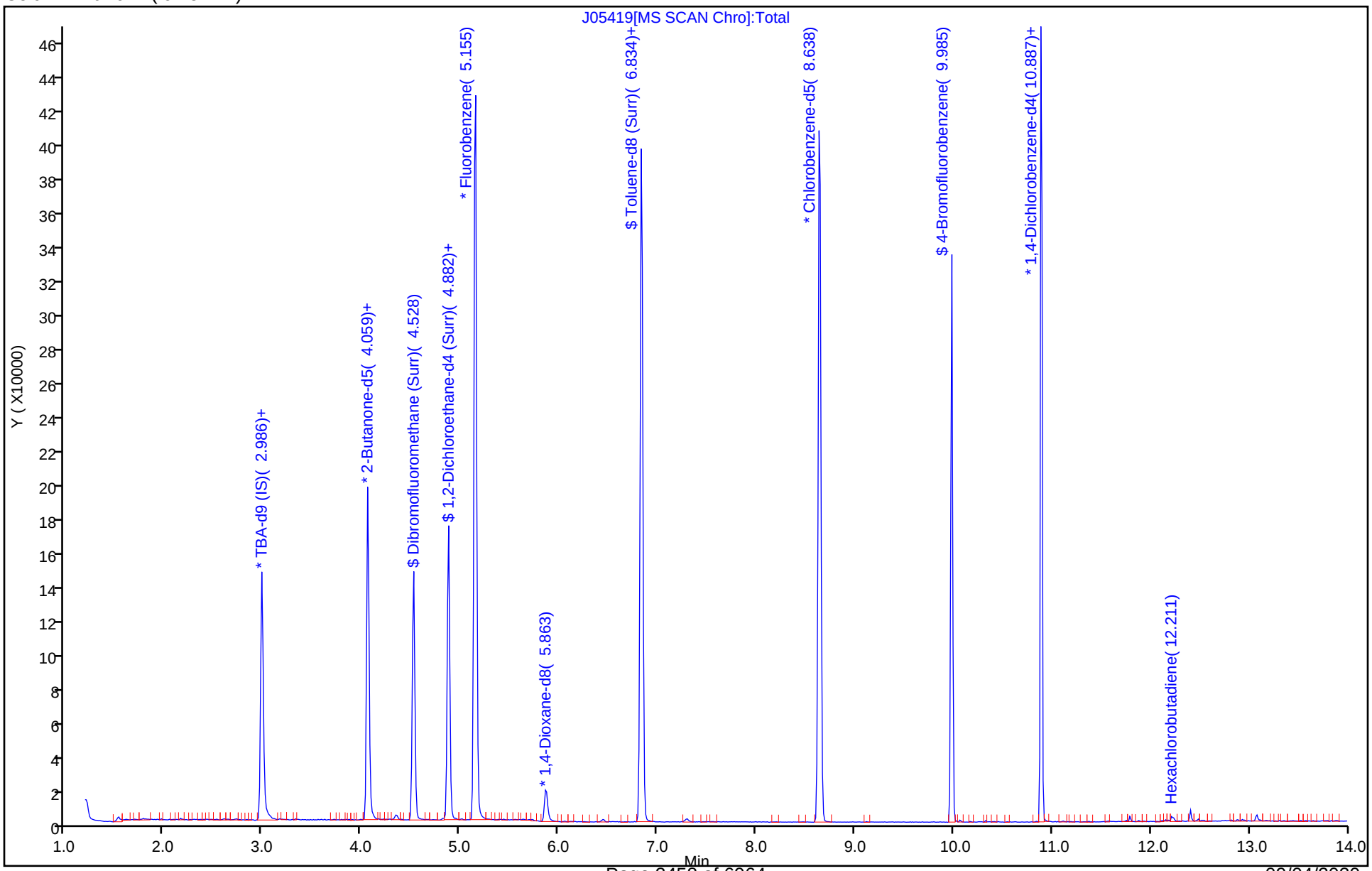
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720646/8

Matrix: Solid Lab File ID: E16591.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 13:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.014	U	0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	0.0095	U	0.050	0.0095
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.017	U	0.050	0.017
79-00-5	1,1,2-Trichloroethane	0.0040	U	0.050	0.0040
75-34-3	1,1-Dichloroethane	0.012	U	0.050	0.012
75-35-4	1,1-Dichloroethene	0.013	U	0.050	0.013
87-61-6	1,2,3-Trichlorobenzene	0.018	U	0.050	0.018
120-82-1	1,2,4-Trichlorobenzene	0.014	U	0.050	0.014
96-12-8	1,2-Dibromo-3-Chloropropane	0.012	U	0.050	0.012
95-50-1	1,2-Dichlorobenzene	0.011	U	0.050	0.011
107-06-2	1,2-Dichloroethane	0.013	U	0.050	0.013
78-87-5	1,2-Dichloropropane	0.0090	U	0.050	0.0090
541-73-1	1,3-Dichlorobenzene	0.017	U	0.050	0.017
106-46-7	1,4-Dichlorobenzene	0.017	U	0.050	0.017
78-93-3	2-Butanone (MEK)	0.11	U	0.25	0.11
591-78-6	2-Hexanone	0.057	U	0.25	0.057
108-10-1	4-Methyl-2-pentanone (MIBK)	0.065	U	0.25	0.065
67-64-1	Acetone	0.22	U	0.25	0.22
71-43-2	Benzene	0.010	U	0.050	0.010
75-25-2	Bromoform	0.0090	U	0.050	0.0090
74-83-9	Bromomethane	0.028	U	0.050	0.028
75-15-0	Carbon disulfide	0.034	U	0.050	0.034
56-23-5	Carbon tetrachloride	0.017	U	0.050	0.017
108-90-7	Chlorobenzene	0.012	U	0.050	0.012
74-97-5	Chlorobromomethane	0.015	U	0.050	0.015
124-48-1	Chlorodibromomethane	0.011	U	0.050	0.011
75-00-3	Chloroethane	0.019	U	0.050	0.019
67-66-3	Chloroform	0.011	U	0.050	0.011
74-87-3	Chloromethane	0.020	U	0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.013	U	0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.011	U	0.050	0.011
110-82-7	Cyclohexane	0.013	U	0.050	0.013
75-27-4	Dichlorobromomethane	0.0075	U	0.050	0.0075
75-71-8	Dichlorodifluoromethane	0.016	U	0.050	0.016
100-41-4	Ethylbenzene	0.015	U	0.050	0.015

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720646/8

Matrix: Solid Lab File ID: E16591.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 13:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0095	U	0.050	0.0095
98-82-8	Isopropylbenzene	0.016	U	0.050	0.016
79-20-9	Methyl acetate	0.039	U	0.25	0.039
1634-04-4	Methyl tert-butyl ether	0.0065	U	0.050	0.0065
108-87-2	Methylcyclohexane	0.011	U	0.050	0.011
75-09-2	Methylene Chloride	0.011	U	0.050	0.011
179601-23-1	m-Xylene & p-Xylene	0.014	U	0.050	0.014
95-47-6	o-Xylene	0.016	U	0.050	0.016
100-42-5	Styrene	0.0085	U	0.050	0.0085
127-18-4	Tetrachloroethene	0.018	U	0.050	0.018
108-88-3	Toluene	0.013	U	0.050	0.013
156-60-5	trans-1,2-Dichloroethene	0.0090	U	0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.0095	U	0.050	0.0095
79-01-6	Trichloroethene	0.011	U	0.050	0.011
75-69-4	Trichlorofluoromethane	0.016	U	0.050	0.016
75-01-4	Vinyl chloride	0.010	U	0.050	0.010
1330-20-7	Xylenes, Total	0.014	U	0.10	0.014

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-150
460-00-4	4-Bromofluorobenzene	99		62-150
1868-53-7	Dibromofluoromethane (Surr)	89		54-150
2037-26-5	Toluene-d8 (Surr)	96		68-148

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720646/8

Matrix: Solid Lab File ID: E16591.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 13:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16591.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2020 13:36:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0116012-008
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:43:32 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 15:43:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.933	1.925	0.008	99	266197	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.871	2.871	0.000	96	158472	50.0	44.6	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	240004	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	96	184550	50.0	44.0	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	627143	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.377	4.377	0.000	98	28685	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	596871	50.0	47.8	
* 96 Chlorobenzene-d5	117	6.879	6.871	0.008	86	502080	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	88	156799	50.0	49.4	
* 123 1,4-Dichlorobenzene-d4	152	10.393	10.385	0.008	96	174103	50.0	50.0	
131 1,2,4,5-Tetramethylbenzene	119	11.907	11.899	0.008	40	1565		0.2464	7a
135 Hexachlorobutadiene	225	12.574	12.566	0.008	74	760		0.7449	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00210 Amount Added: 1.00 Units: uL
8260ISNEW_00140 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 15:43:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16591.D

Injection Date: 30-Aug-2020 13:36:30 Instrument ID: CVOAMS5 Operator ID:

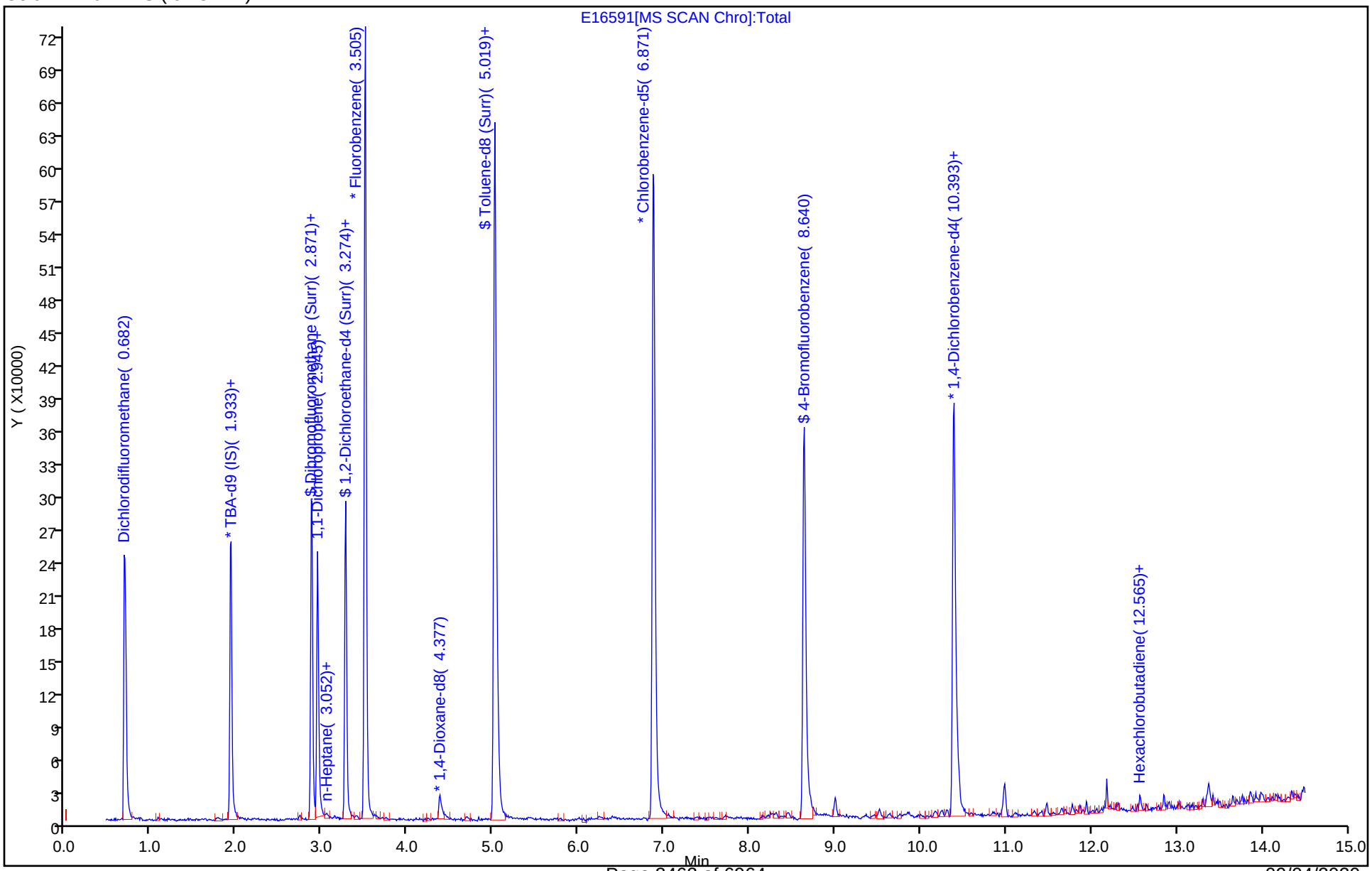
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 7

Method: 8260W_5 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720741/7

Matrix: Solid Lab File ID: D71886.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 06:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720741/7

Matrix: Solid Lab File ID: D71886.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 06:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		77-145
460-00-4	4-Bromofluorobenzene	108		79-125
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	112		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720741/7

Matrix: Solid Lab File ID: D71886.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 06:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71886.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 31-Aug-2020 06:57:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116029-007
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:56:54 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 13:56:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.375	3.376	-0.001	0	174474	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	61	170074	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	166637	50.0	52.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	96	141333	50.0	46.4	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	509459	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.856	6.857	-0.001	0	14964	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	540635	50.0	56.1	
* 93 Chlorobenzene-d5	117	9.179	9.185	-0.006	86	329939	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	10.142	10.149	-0.007	0	143354	50.0	53.9	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	96	153133	50.0	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 13:56:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71886.D

Injection Date: 31-Aug-2020 06:57:30 Instrument ID: CVOAMS4 Operator ID:

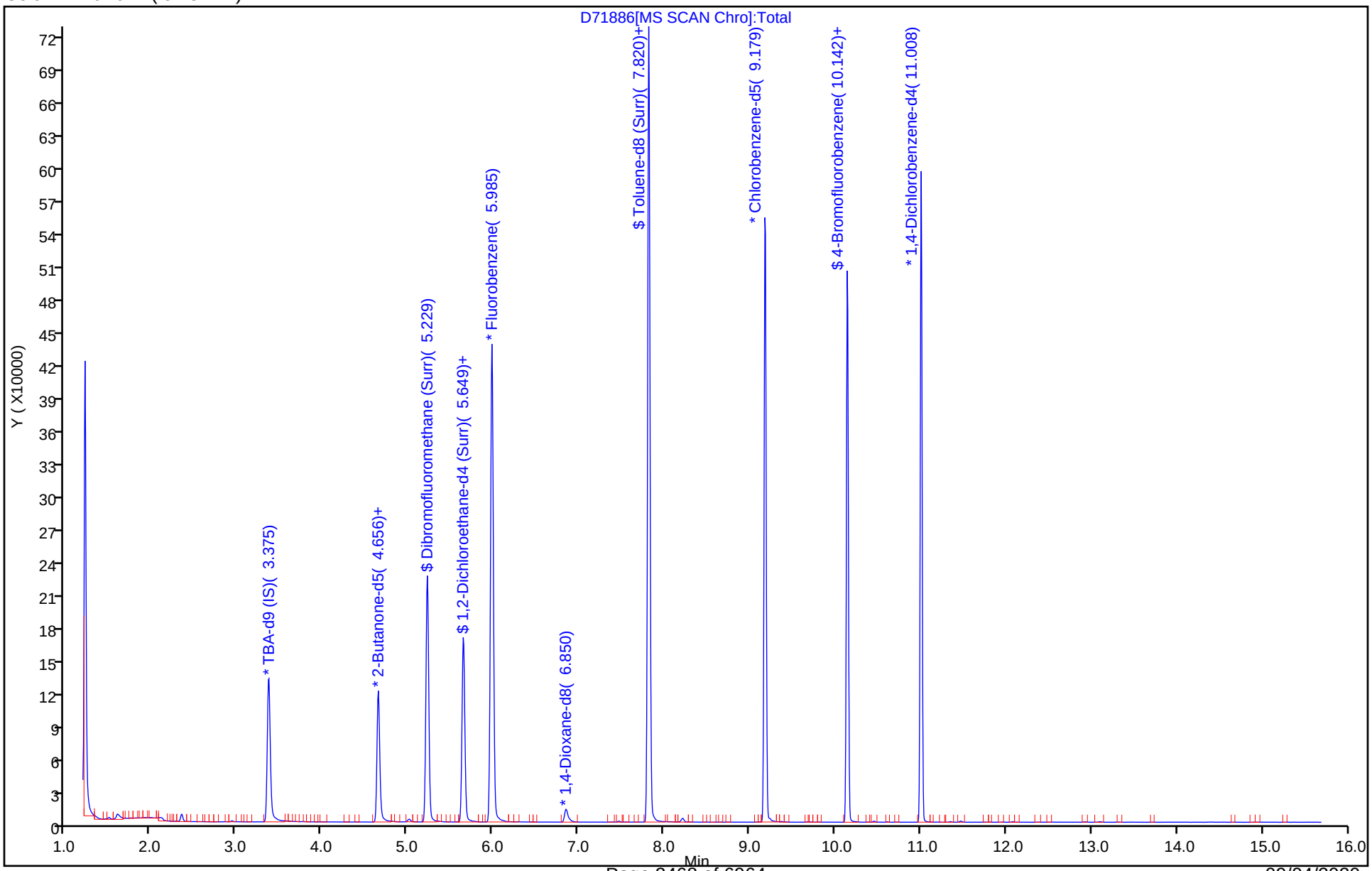
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



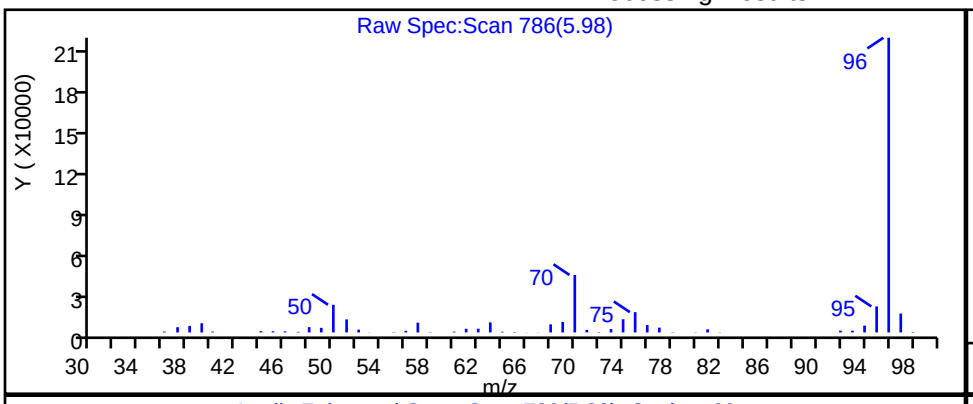
User Disabled Compound Report

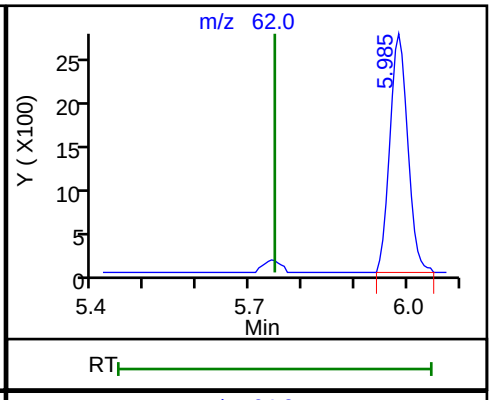
Eurofins TestAmerica, Edison

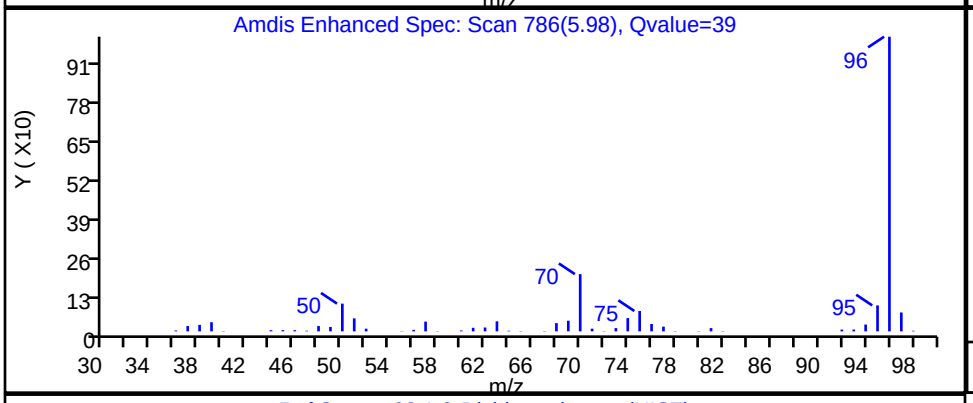
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71886.D
Injection Date: 31-Aug-2020 06:57:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

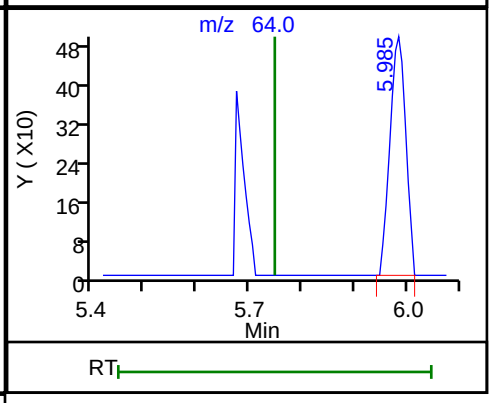
63 1,2-Dichloroethane, CAS: 107-06-2

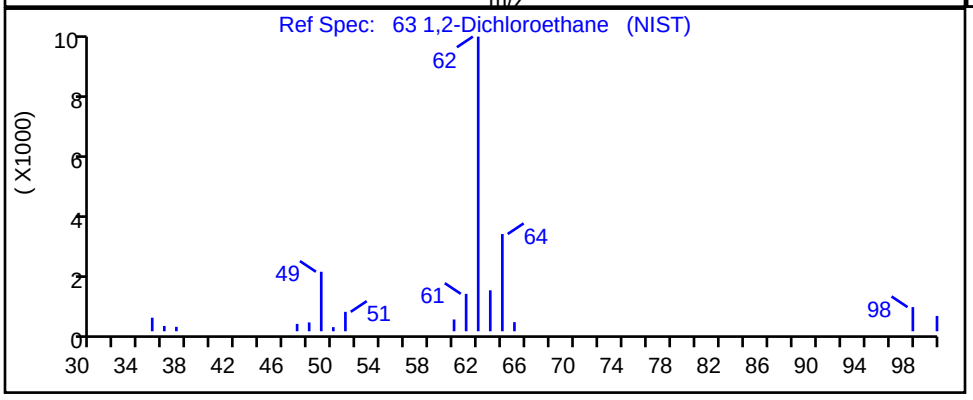
Processing Results











RT	Mass	Response	Amount
5.98	62.00	6549	1.585020
5.98	64.00	1034	

Reviewer: tupayachia, 31-Aug-2020 09:00:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720746/7

Matrix: Solid Lab File ID: K18631.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720746/7

Matrix: Solid Lab File ID: K18631.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720746/7

Matrix: Solid Lab File ID: K18631.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18631.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 31-Aug-2020 06:54:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116031-007
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:53:08 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:53:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.394	2.400	-0.006	96	377580	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.273	3.284	-0.011	95	253196	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.742	3.747	-0.005	97	172125	50.0	52.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.053	4.058	-0.005	0	178366	50.0	52.8	
* 66 Fluorobenzene	96	4.391	4.397	-0.006	98	482082	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.139	5.133	0.006	99	29515	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	100	541689	50.0	48.7	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	351991	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	94	174811	50.0	52.6	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	204970	50.0	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

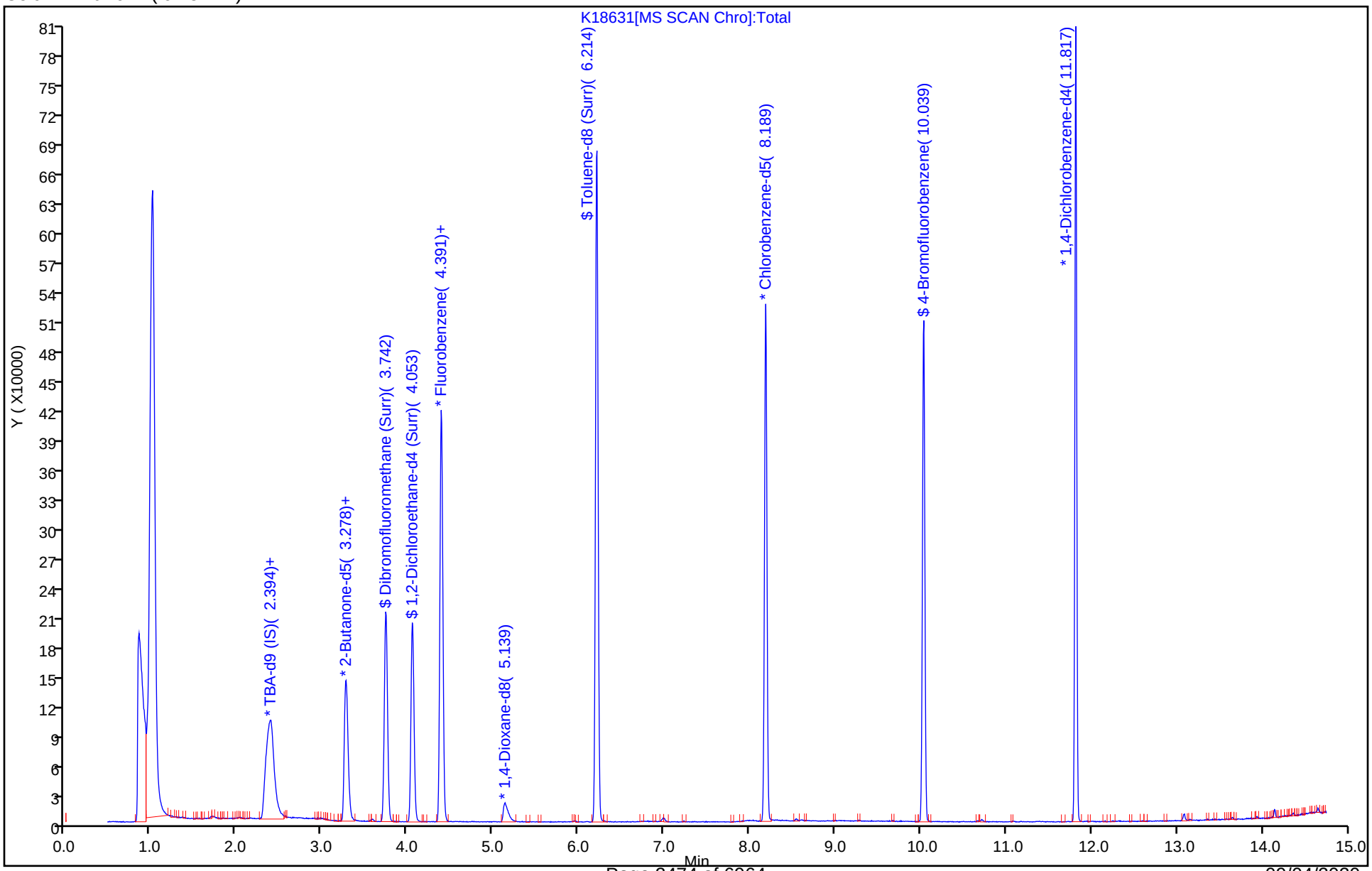
Report Date: 31-Aug-2020 16:53:08 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18631.D

Injection Date:	31-Aug-2020 06:54:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



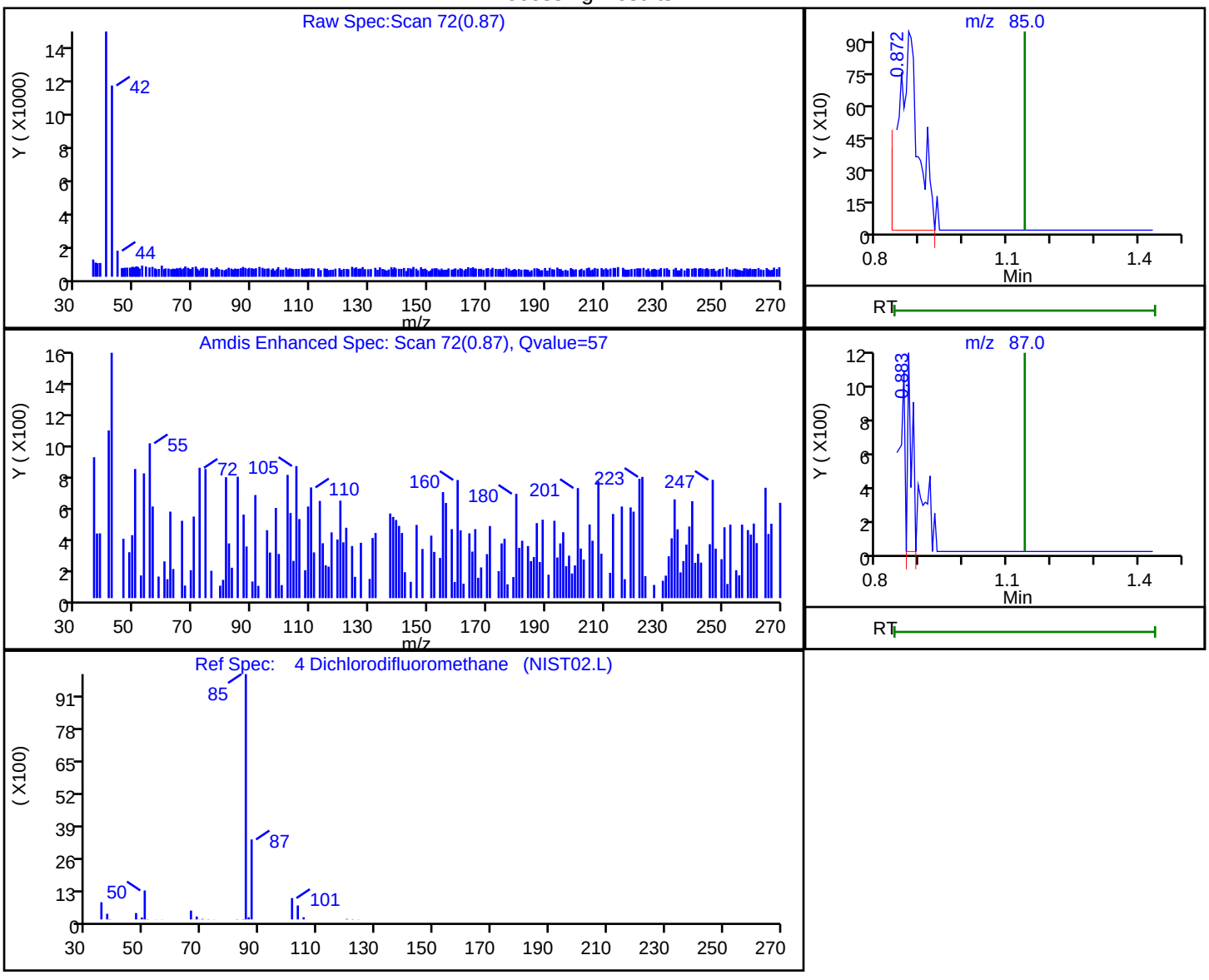
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18631.D
Injection Date: 31-Aug-2020 06:54:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.87	85.00	2759	0.565535
0.88	87.00	759	

Reviewer: tupayachia, 31-Aug-2020 09:01:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721040/9

Matrix: Solid Lab File ID: K18660.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.000242	J	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721040/9

Matrix: Solid Lab File ID: K18660.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721040/9

Matrix: Solid Lab File ID: K18660.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18660.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Sep-2020 11:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116107-009
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 12:54:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 12:46:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.405	2.400	0.005	96	440006	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.295	3.289	0.006	96	300441	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.753	0.000	97	184693	50.0	53.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	189830	50.0	53.1	
* 66 Fluorobenzene	96	4.402	4.402	0.000	98	509395	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.161	5.155	0.006	99	35513	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	553176	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	349736	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	90	176365	50.0	53.4	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.817	0.011	96	214954	50.0	50.0	
135 1,2,3-Trichlorobenzene	180	14.420	14.360	0.060	93	1700		0.2416	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

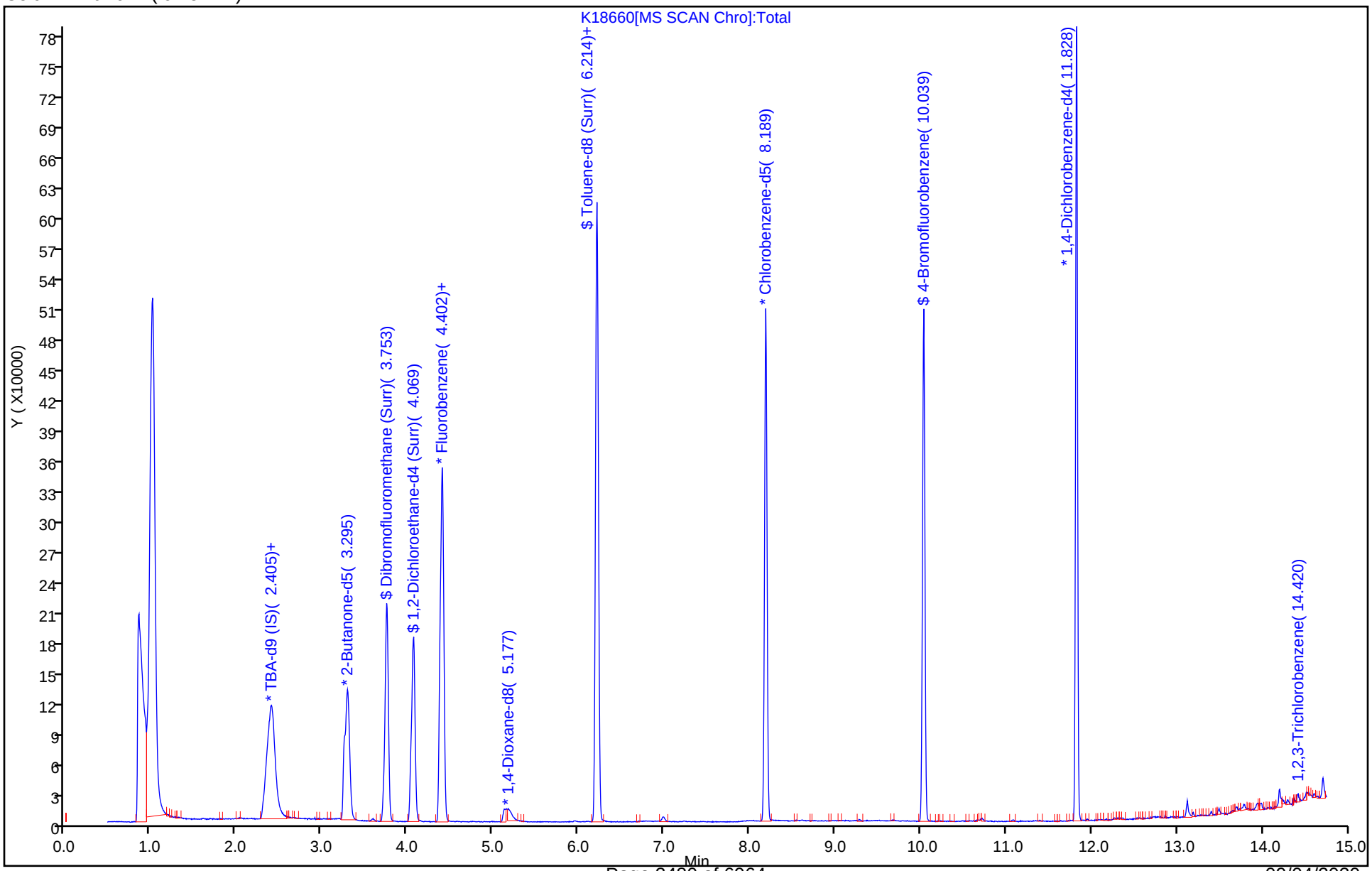
Report Date: 02-Sep-2020 12:54:52 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18660.D

Injection Date:	01-Sep-2020 11:20:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 02-Sep-2020 12:54:52 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18660.D

Injection Date: 01-Sep-2020 11:20:30 Instrument ID: CVOAMS9

Lims ID: MB

Client ID:

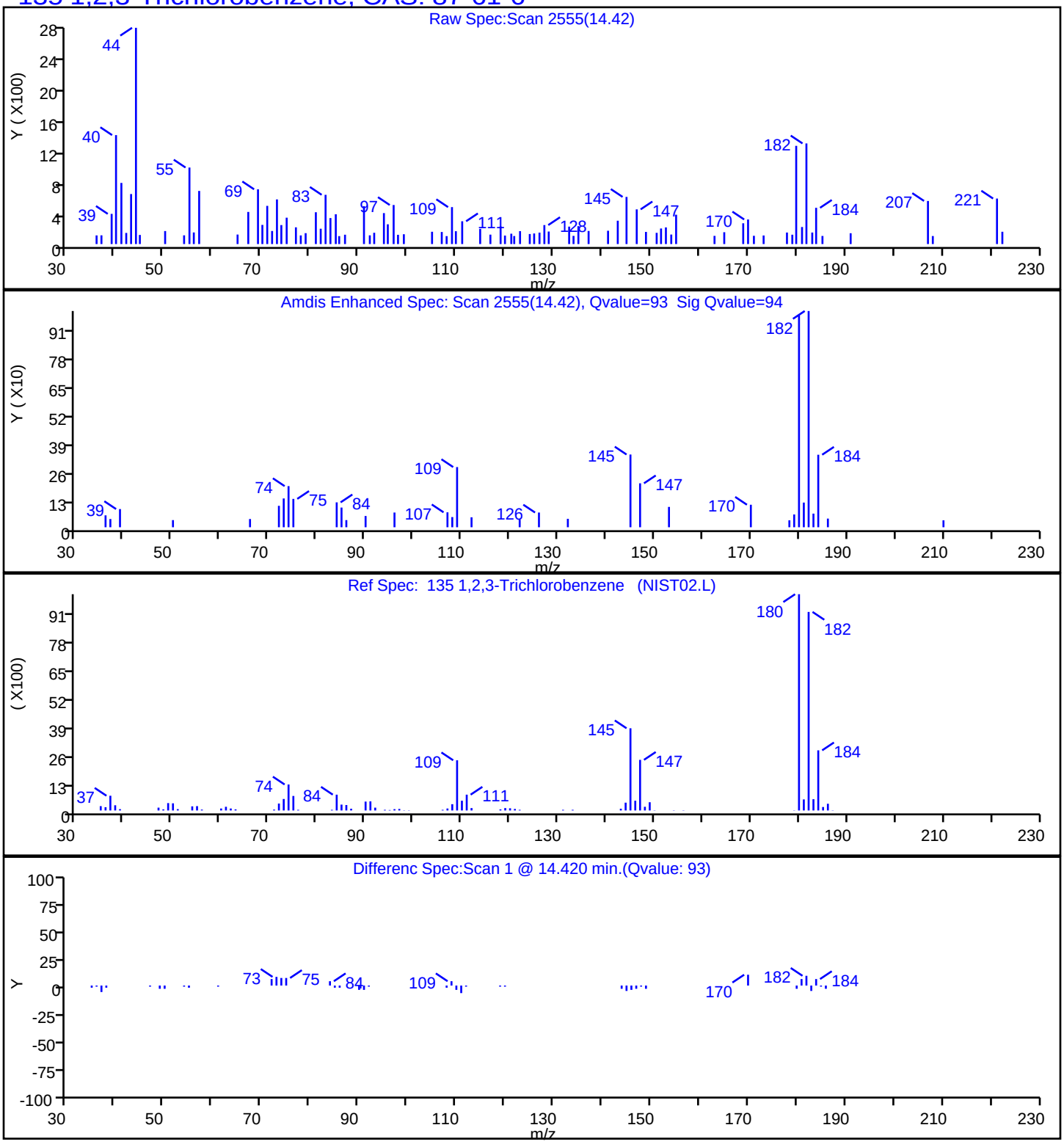
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6



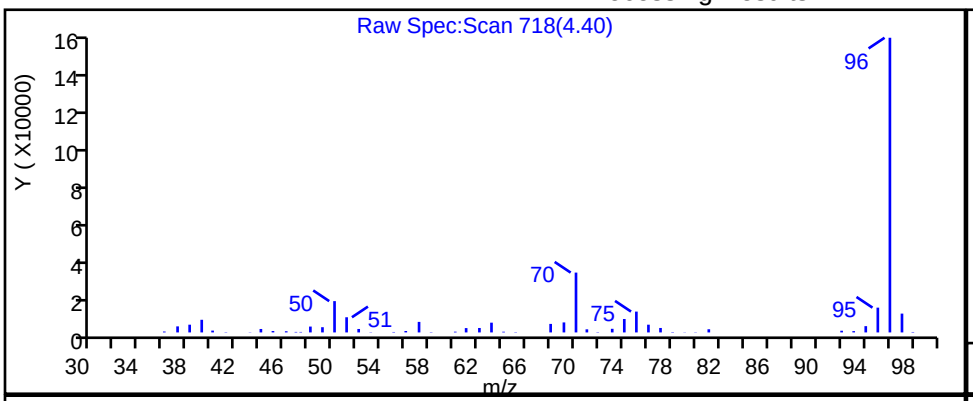
User Disabled Compound Report

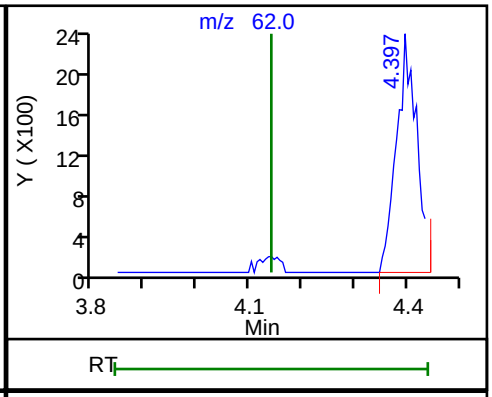
Eurofins TestAmerica, Edison

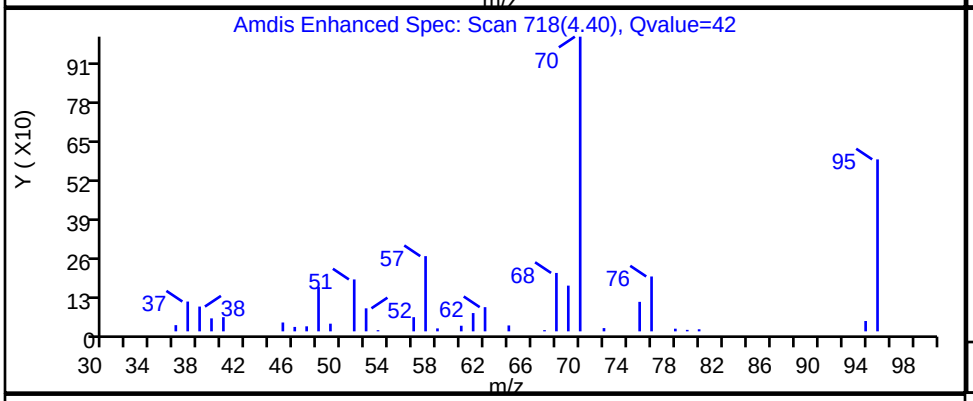
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18660.D
Injection Date: 01-Sep-2020 11:20:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

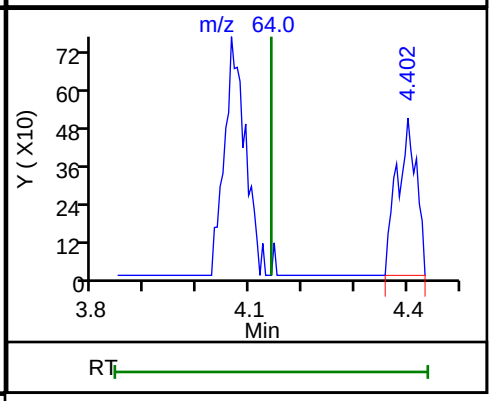
64 1,2-Dichloroethane, CAS: 107-06-2

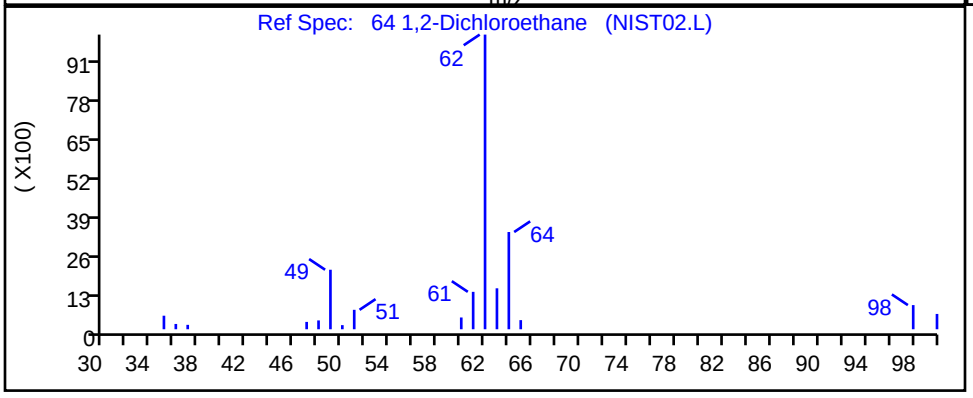
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6244	1.380092
4.40	64.00	1297	

Reviewer: starzecm, 01-Sep-2020 12:11:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721264/7

Matrix: Water Lab File ID: TT129123.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 08:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721264/7

Matrix: Water Lab File ID: TT129123.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 08:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129123.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Sep-2020 08:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116143-007
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 09:59:10 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1070

First Level Reviewer: desais Date: 02-Sep-2020 09:57:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.702	2.701	0.001	99	49319	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.653	3.659	-0.006	100	307927	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	96	144088	50.0	47.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.402	4.402	0.000	96	160616	50.0	48.9	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	592402	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.317	5.317	0.000	89	27953	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	473929	50.0	50.9	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	86	364071	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	125554	50.0	44.3	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	97	186718	50.0	50.0	

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 09:59:12 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129123.D

Injection Date: 02-Sep-2020 08:27:30 Instrument ID: CVOAMS17

Lims ID: MB

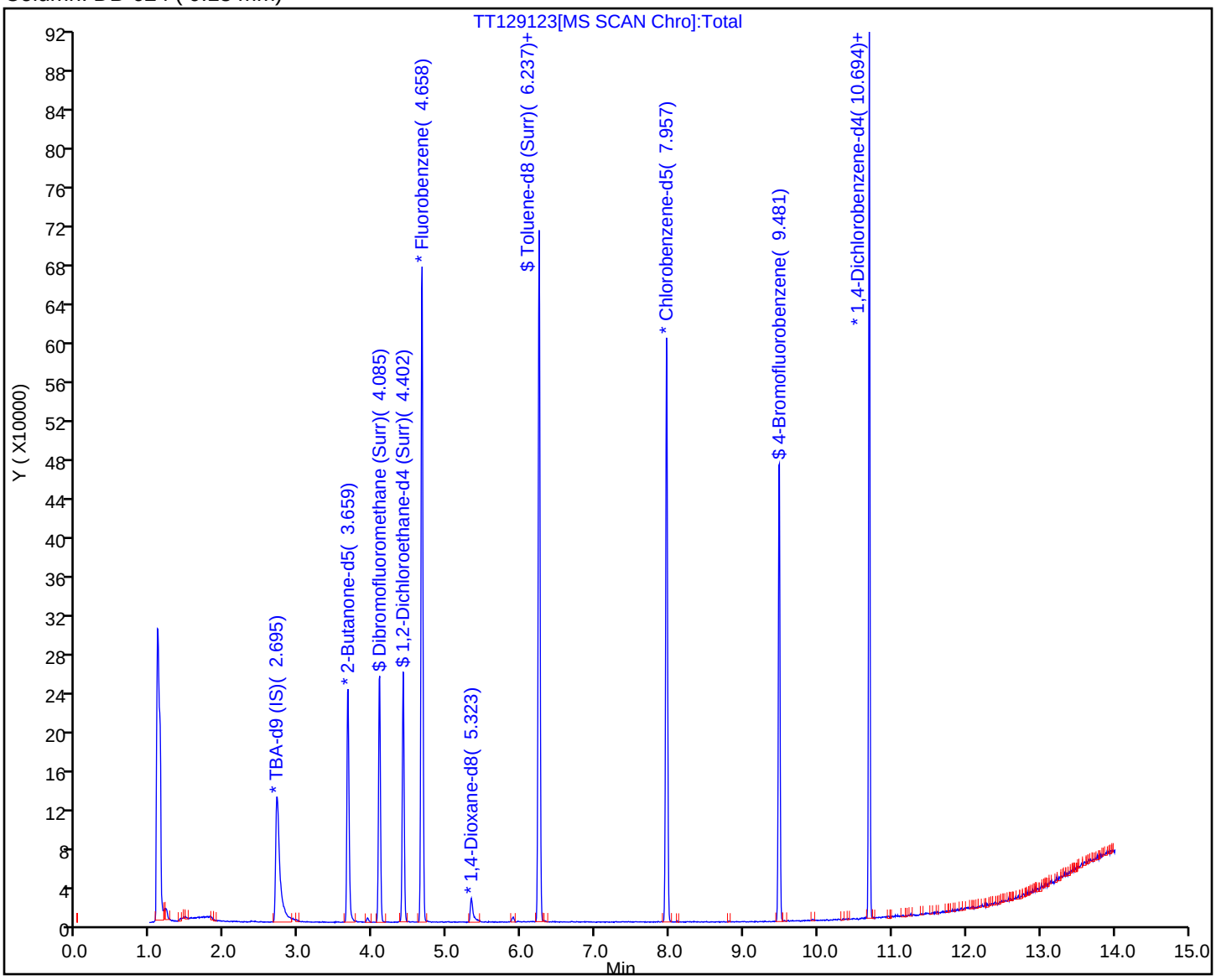
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



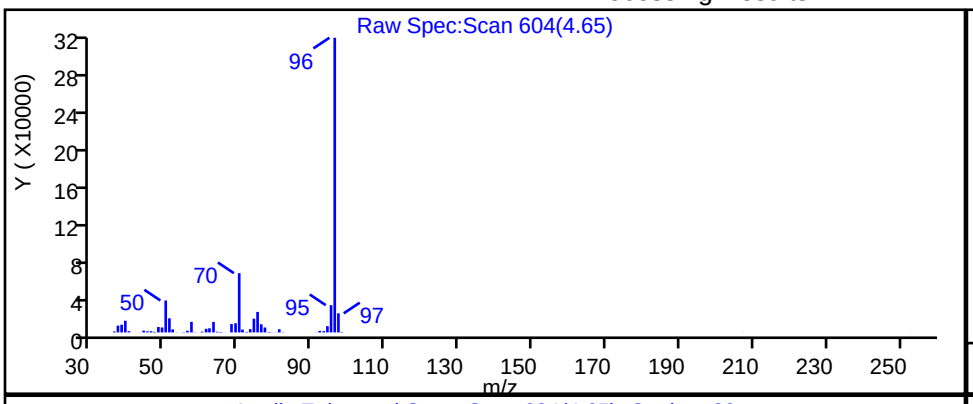
User Disabled Compound Report

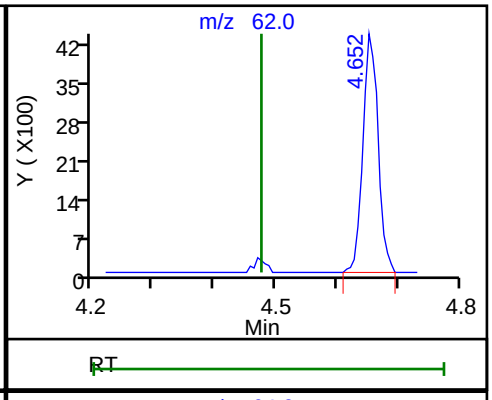
Eurofins TestAmerica, Edison

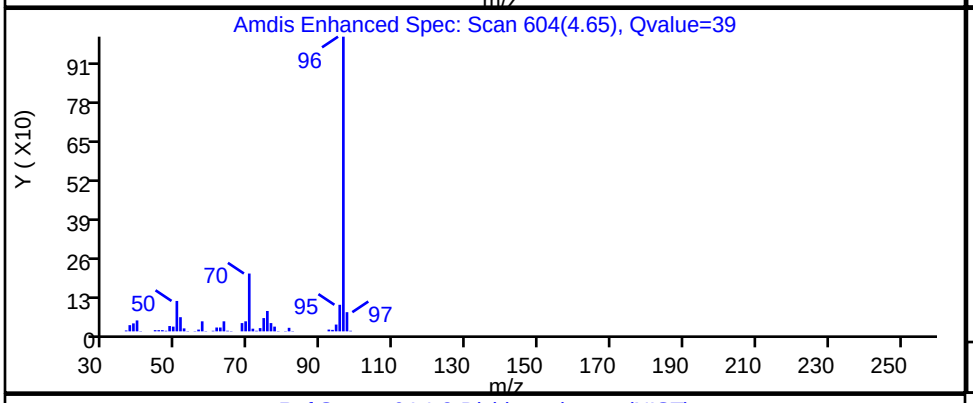
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129123.D
Injection Date: 02-Sep-2020 08:27:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

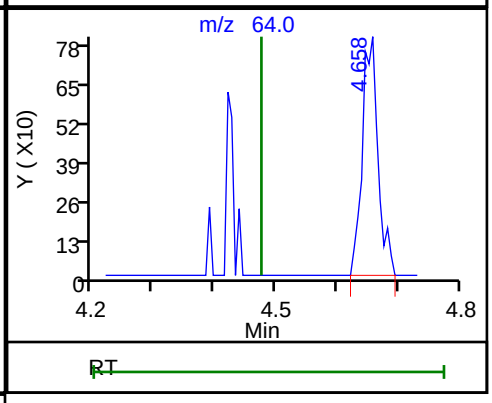
64 1,2-Dichloroethane, CAS: 107-06-2

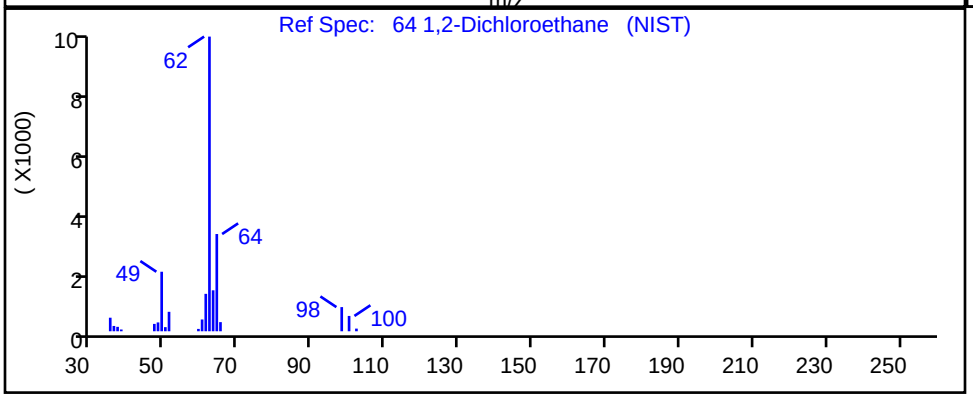
Processing Results











RT	Mass	Response	Amount
4.65	62.00	7620	1.825418
4.66	64.00	1459	

Reviewer: desais, 02-Sep-2020 09:56:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

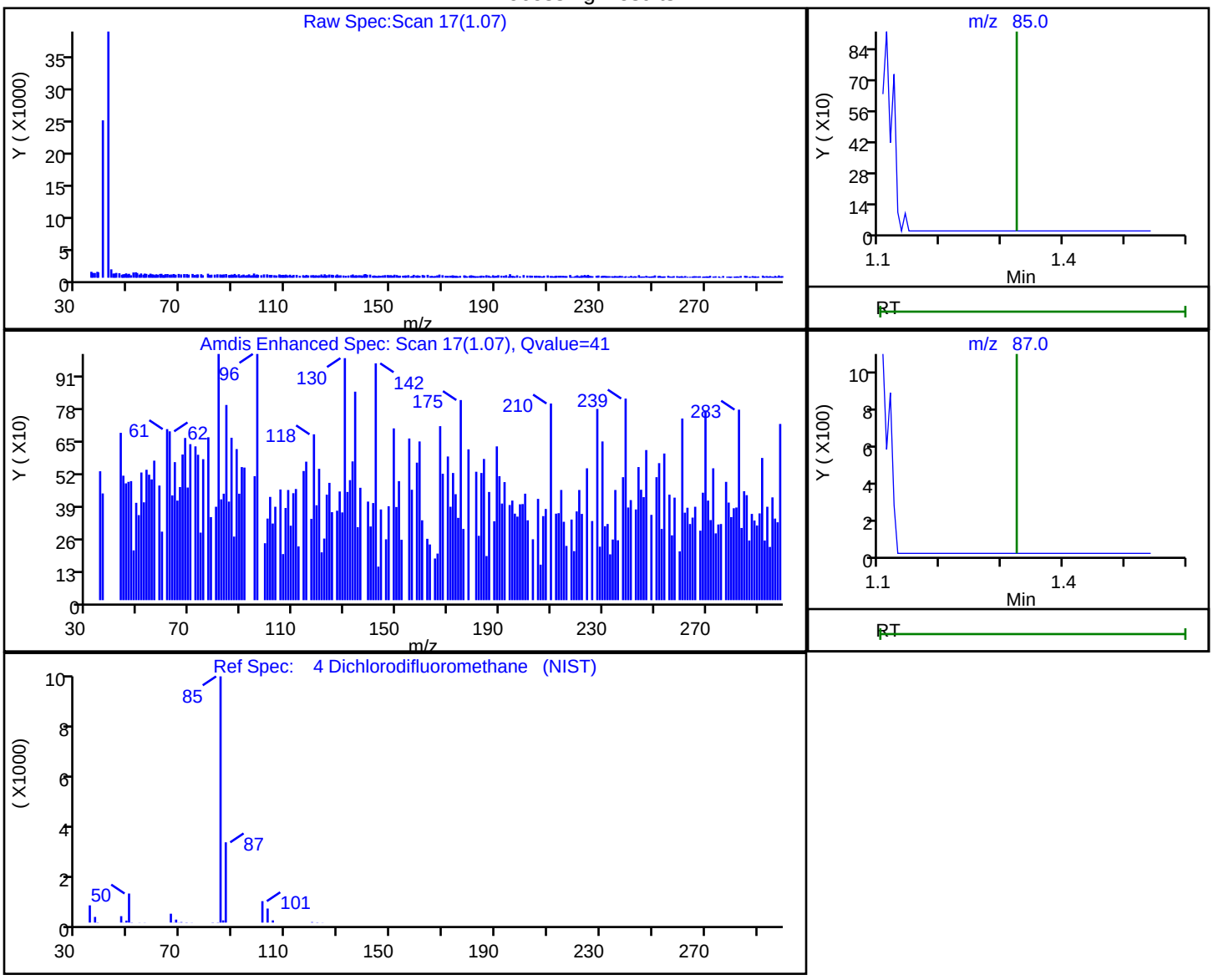
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129123.D
Injection Date: 02-Sep-2020 08:27:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	2590	0.428962
1.09	87.00	1560	

Reviewer: desais, 02-Sep-2020 09:56:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721282/9

Matrix: Water Lab File ID: P79265.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721282/9

Matrix: Water Lab File ID: P79265.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79265.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Sep-2020 10:47:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116151-009
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:26:39 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1016

First Level Reviewer: moroneyc Date: 02-Sep-2020 10:12:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.859	1.859	0.000	100	146390	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	129851	50.0	48.6	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	171873	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.156	0.007	0	126964	50.0	39.6	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	571939	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	63	19237	1000.0	1000.0	M
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	547276	50.0	51.7	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	436301	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	175919	50.0	50.4	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	244543	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 10:26:39 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79265.D

Injection Date: 02-Sep-2020 10:47:30 Instrument ID: CVOAMS13 Operator ID:

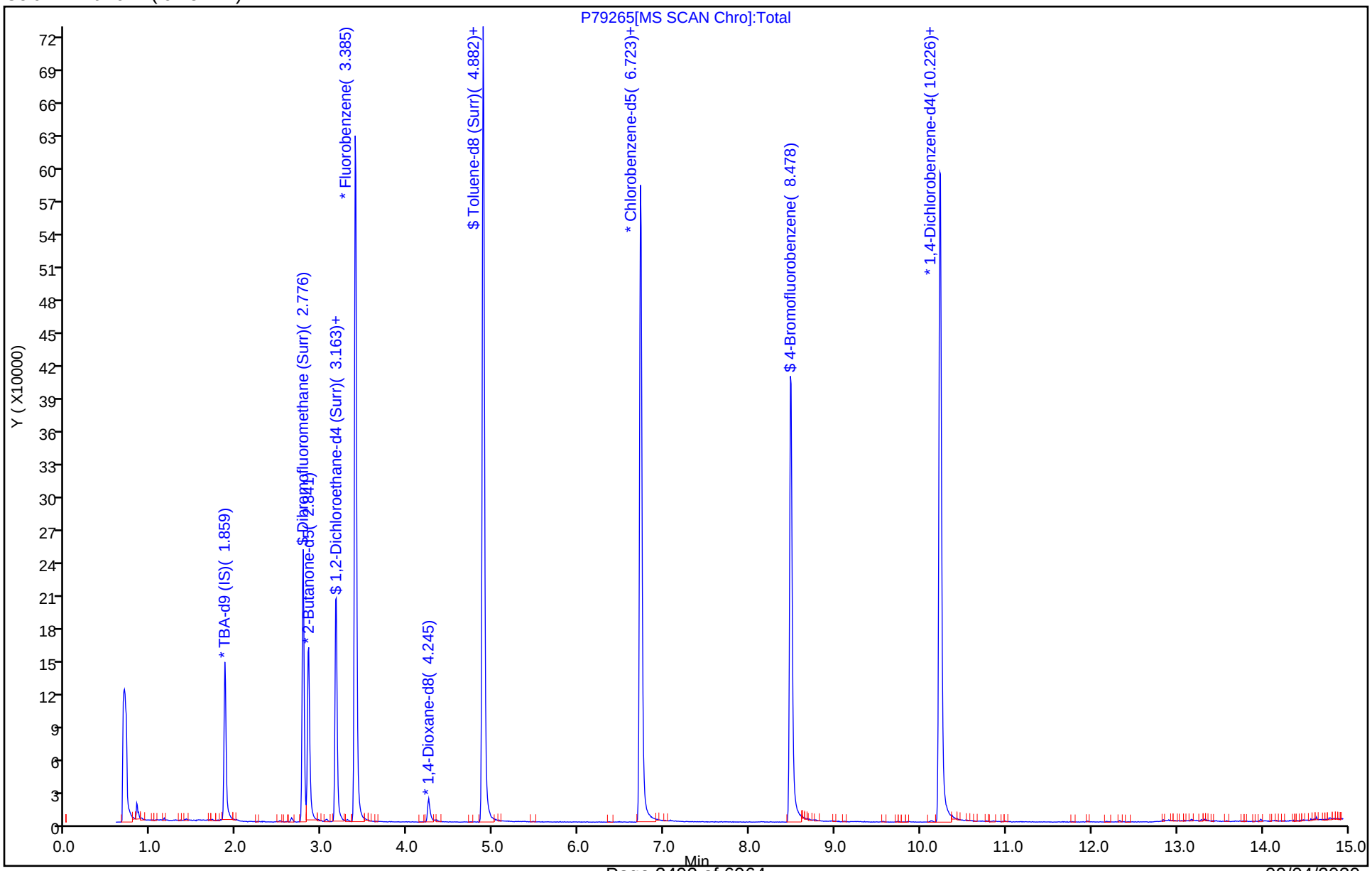
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



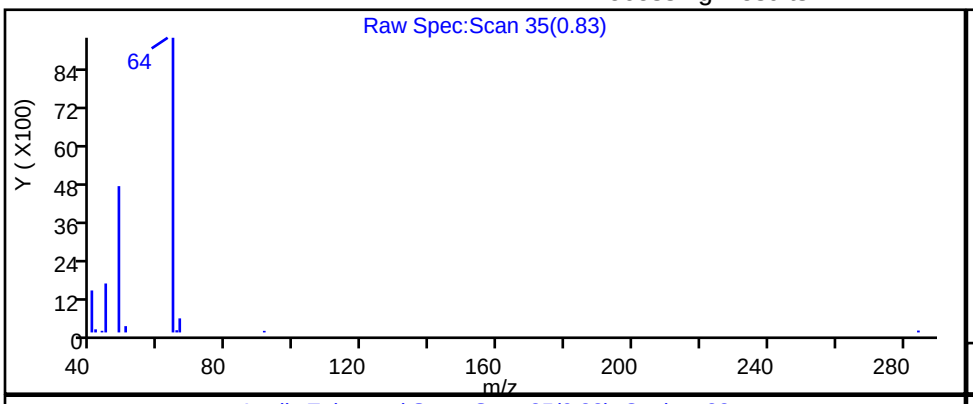
User Disabled Compound Report

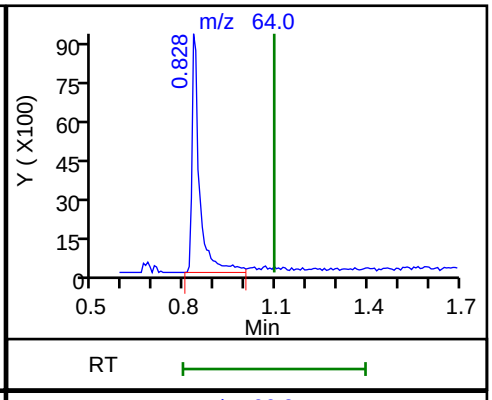
Eurofins TestAmerica, Edison

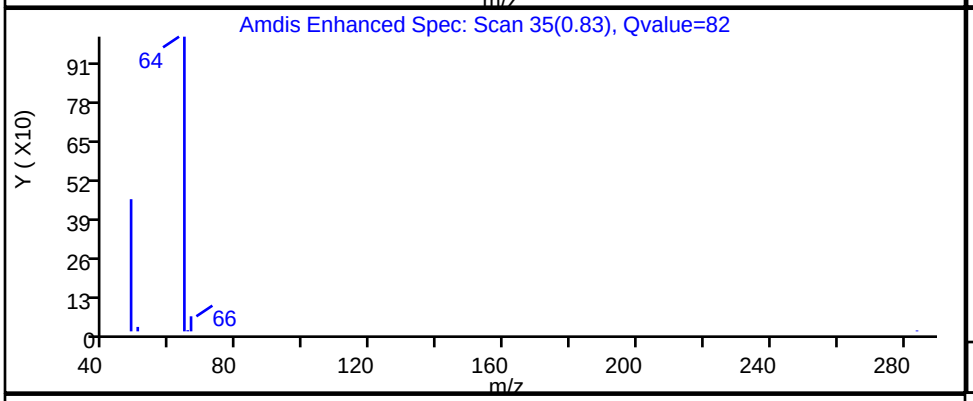
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79265.D
Injection Date: 02-Sep-2020 10:47:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

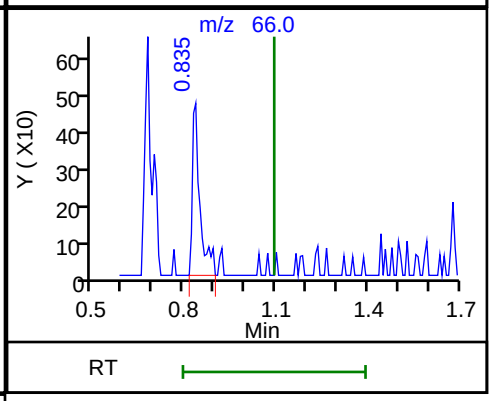
10 Chloroethane, CAS: 75-00-3

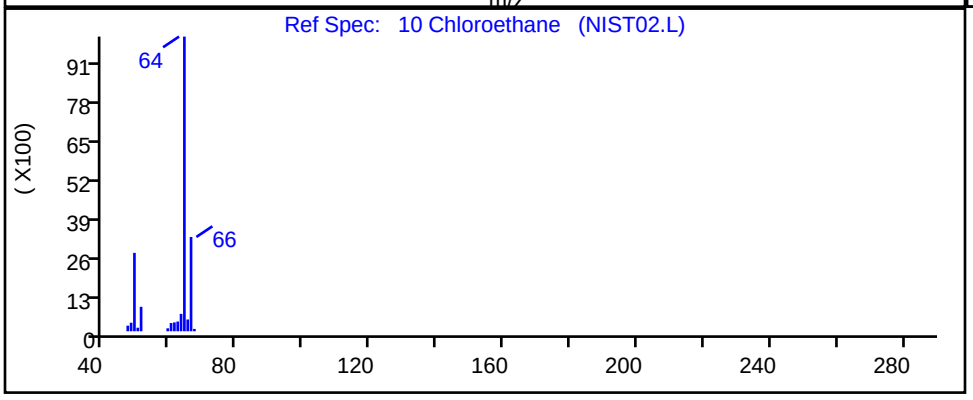
Processing Results











RT	Mass	Response	Amount
0.83	64.00	16092	5.071686
0.84	66.00	812	

Reviewer: moroneyc, 02-Sep-2020 10:11:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

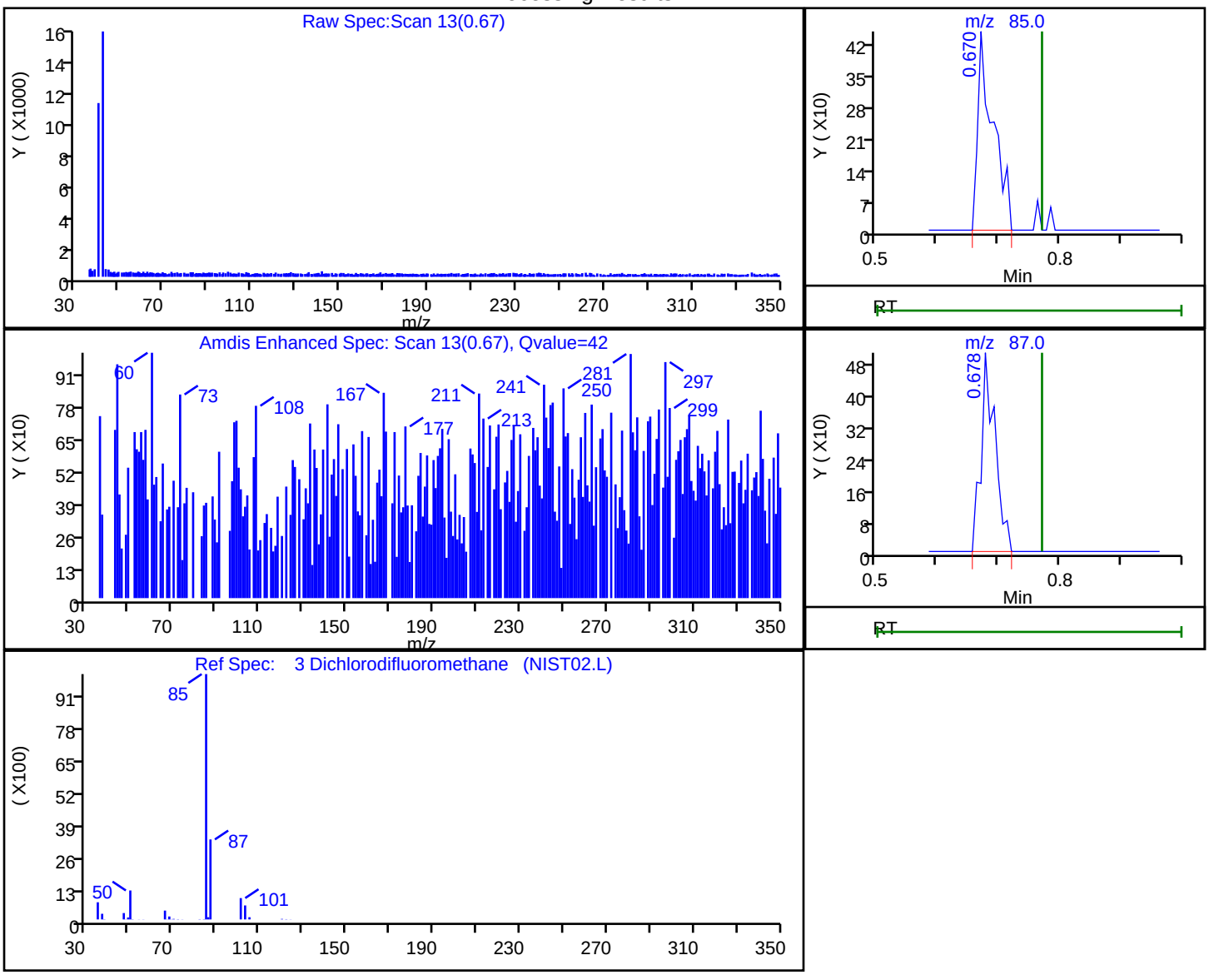
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79265.D
Injection Date: 02-Sep-2020 10:47:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.67	85.00	793	0.171476
0.68	87.00	815	

Reviewer: moroneyc, 02-Sep-2020 10:11:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

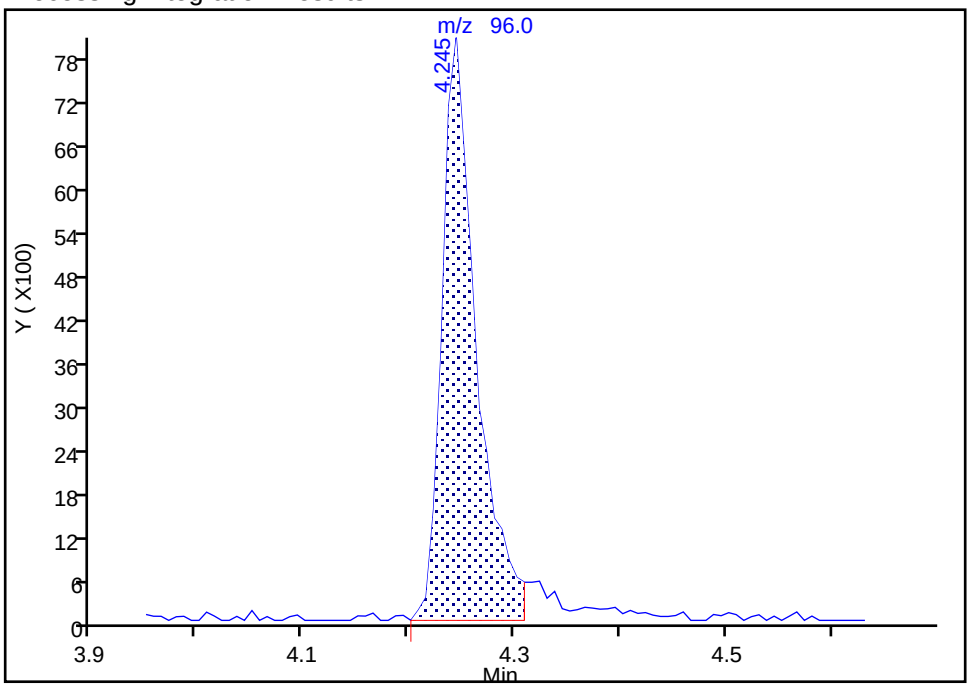
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79265.D
Injection Date: 02-Sep-2020 10:47:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

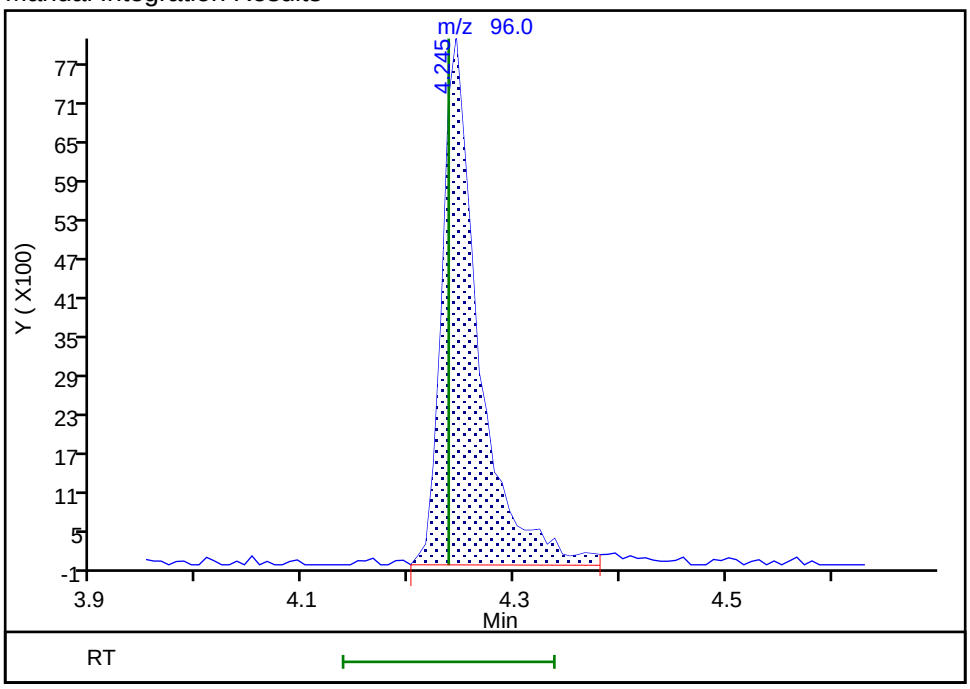
Processing Integration Results

RT: 4.24
Area: 18037
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 19237
Amount: 1000.0000
Amount Units: ug/l



Reviewer: asfawa, 03-Sep-2020 10:25:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721508/8

Matrix: Water Lab File ID: TT129159.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 22:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721508/8

Matrix: Water Lab File ID: TT129159.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 22:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129159.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Sep-2020 22:01:30 ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0116195-008
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 08:27:39 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1040

First Level Reviewer: desais Date: 03-Sep-2020 08:10:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.696	2.702	-0.006	100	45398	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.653	3.659	-0.006	99	298811	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.079	4.086	-0.006	96	143706	50.0	49.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.396	4.403	-0.007	97	158684	50.0	50.1	
* 66 Fluorobenzene	96	4.652	4.659	-0.007	99	570735	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.323	5.305	0.018	91	23229	1000.0	1000.0	s
$ 83 Toluene-d8 (Surr)	98	6.231	6.238	-0.007	99	471855	50.0	50.9	
* 94 Chlorobenzene-d5	117	7.957	7.957	0.000	86	362165	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.475	9.475	0.000	0	127363	50.0	45.1	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	96	189608	50.0	50.0	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Reagents:

VOA6IS/SURR_00040 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Sep-2020 08:30:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129159.D

Injection Date: 02-Sep-2020 22:01:30 Instrument ID: CVOAMS17

Lims ID: MB

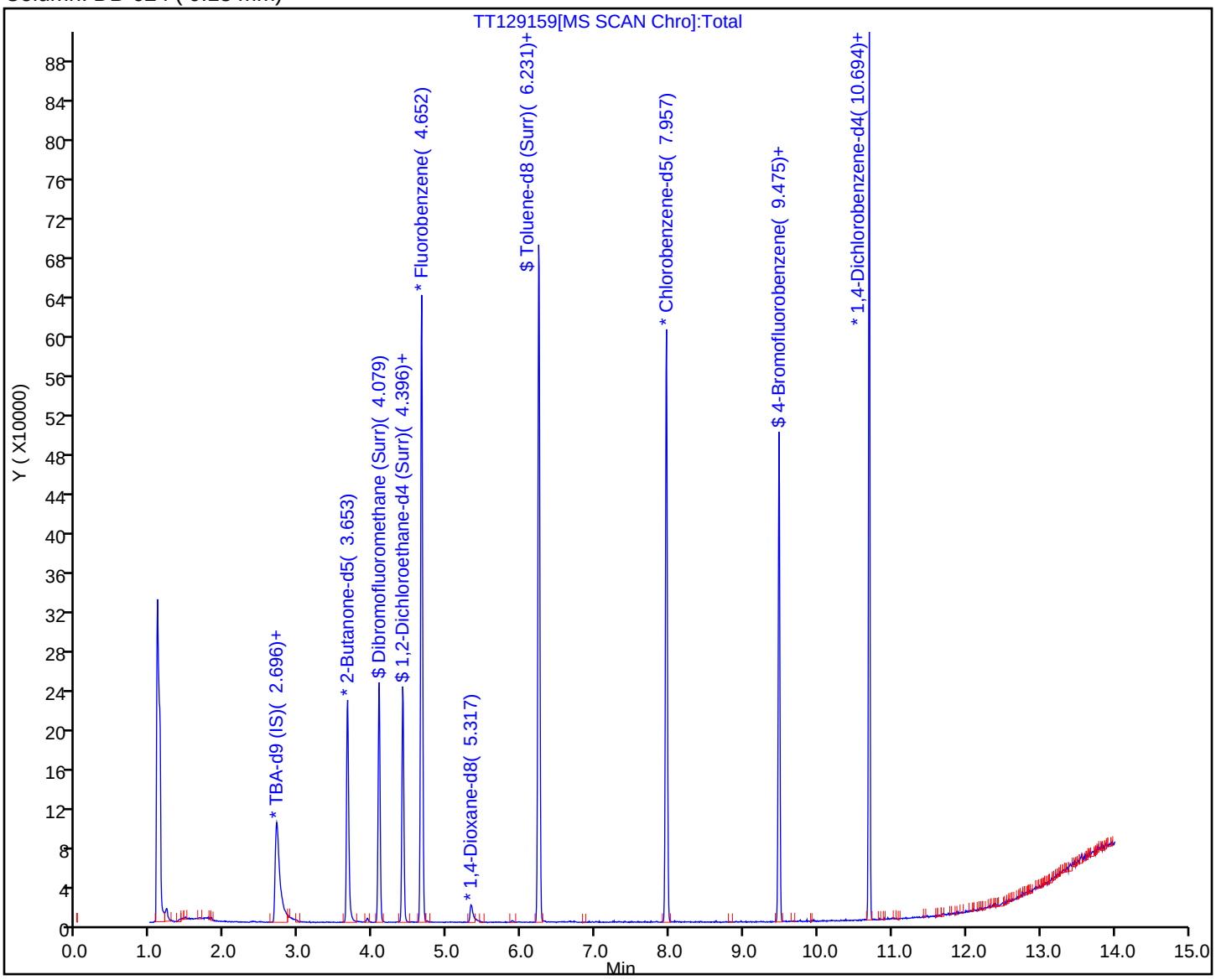
Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



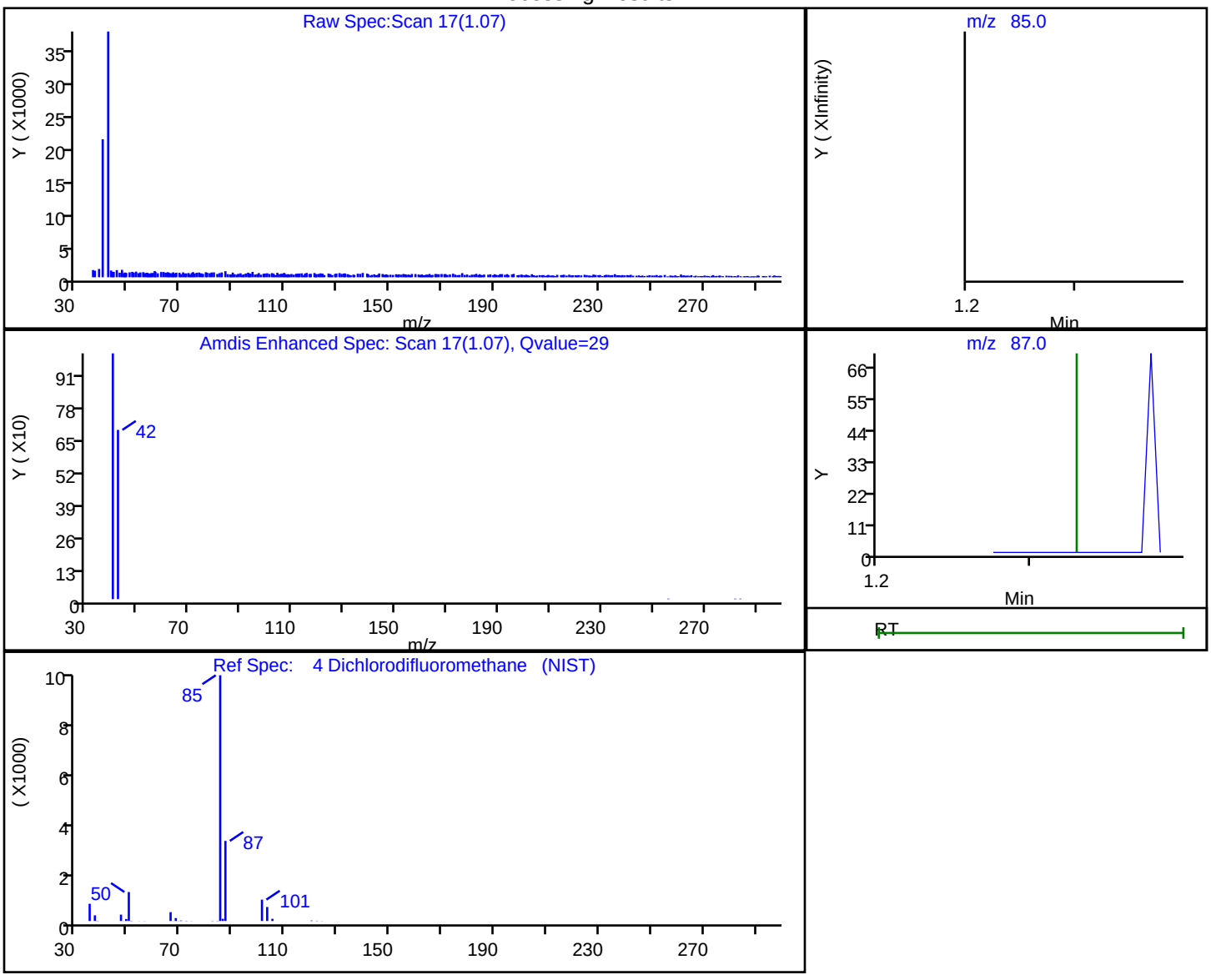
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129159.D
Injection Date: 02-Sep-2020 22:01:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	1070	0.183944
1.08	87.00	3246	

Reviewer: parekhv, 02-Sep-2020 22:29:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-719834/1-A

Matrix: Solid Lab File ID: K18538.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/28/2020 16:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-719834/1-A

Matrix: Solid Lab File ID: K18538.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/28/2020 16:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-145
460-00-4	4-Bromofluorobenzene	109		79-125
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-719834/1-A

Matrix: Solid Lab File ID: K18538.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/28/2020 16:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18538.D
Lims ID: LB3 460-719834/1-A
Client ID:
Sample Type: LB3
Inject. Date: 28-Aug-2020 16:36:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-719834/1-A
Misc. Info.: 460-0115917-019
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 16:58:53 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1061

First Level Reviewer: delpolitov Date: 28-Aug-2020 16:58:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.416	2.422	-0.006	95	404121	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.300	3.306	-0.006	95	290570	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	96	185991	50.0	55.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.075	-0.006	0	191143	50.0	54.8	
* 66 Fluorobenzene	96	4.408	4.413	-0.005	99	497294	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.166	5.183	-0.017	98	34819	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	99	546600	50.0	50.5	
* 94 Chlorobenzene-d5	117	8.194	8.194	0.000	87	342664	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	176001	50.0	54.4	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.823	-0.006	96	209541	50.0	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

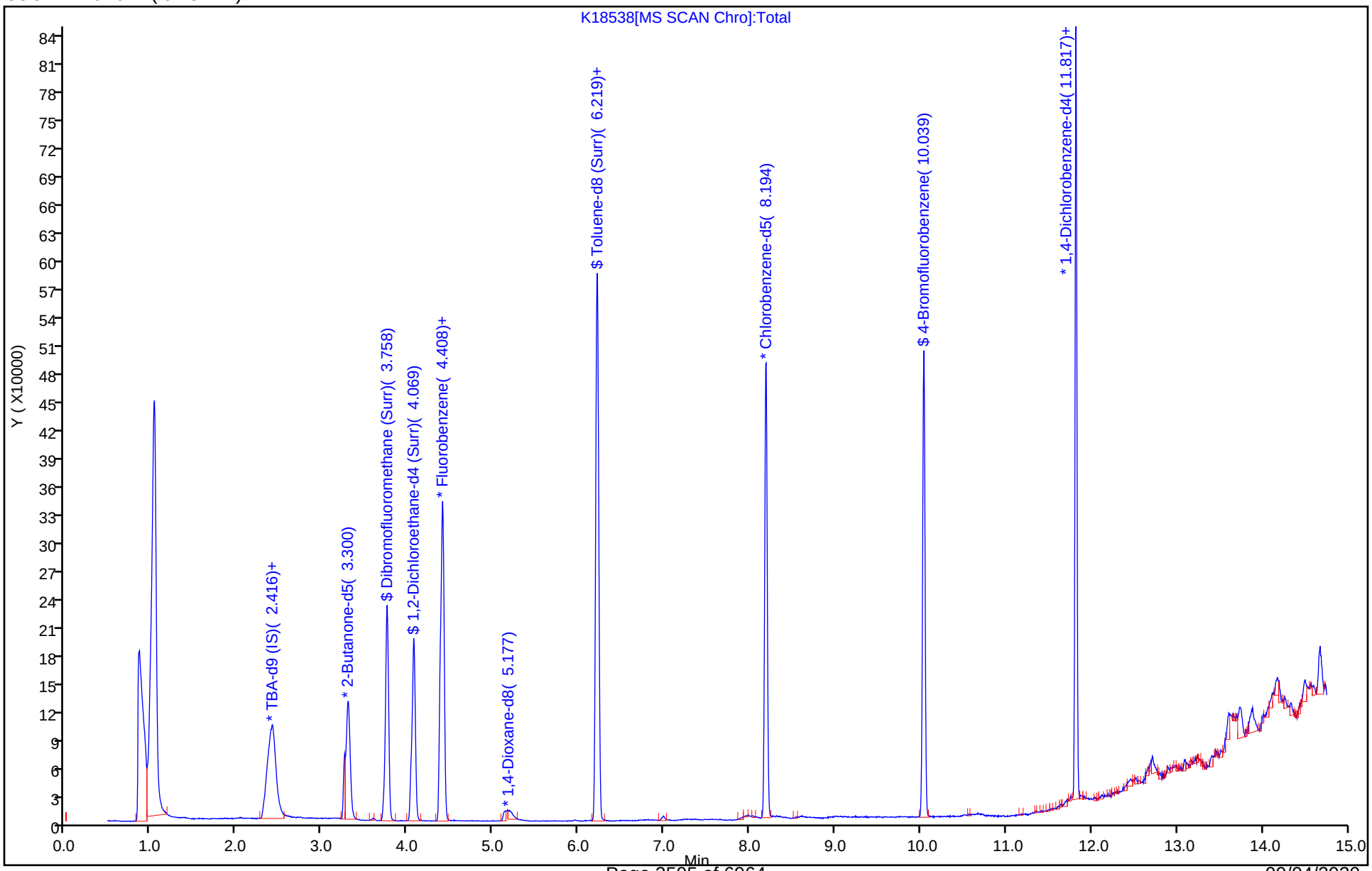
Report Date: 28-Aug-2020 16:58:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18538.D

Injection Date:	28-Aug-2020 16:36:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LB3 460-719834/1-A			Worklist Smp#:	19
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



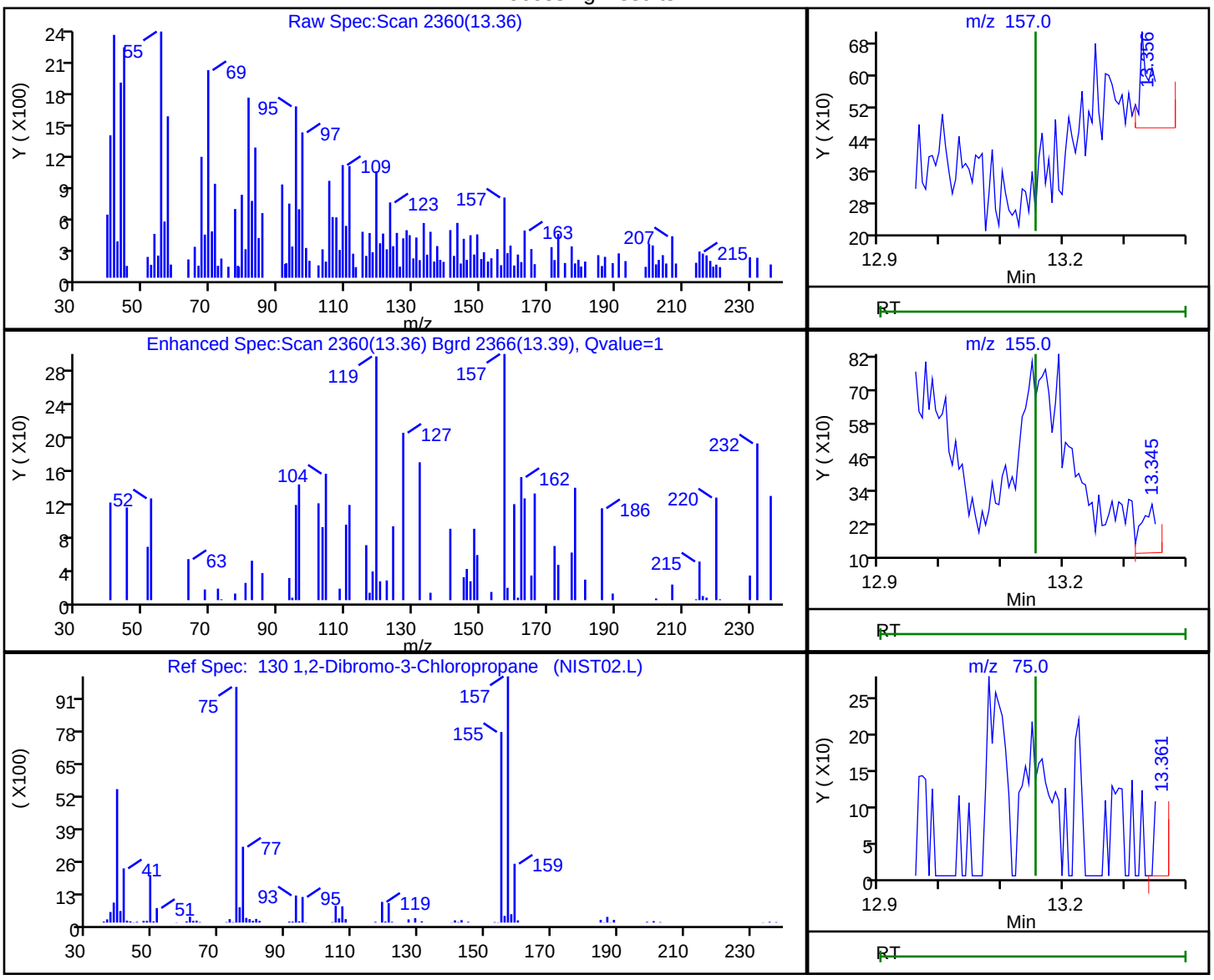
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18538.D
Injection Date: 28-Aug-2020 16:36:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-719834/1-A
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
13.36	157.00	469	0.488116
13.35	155.00	315	
13.36	75.00	159	

Reviewer: delpolitov, 28-Aug-2020 16:58:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

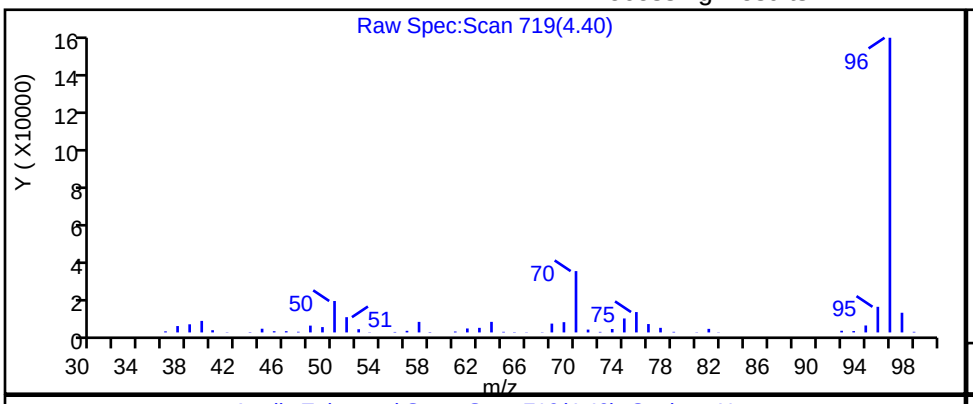
User Disabled Compound Report

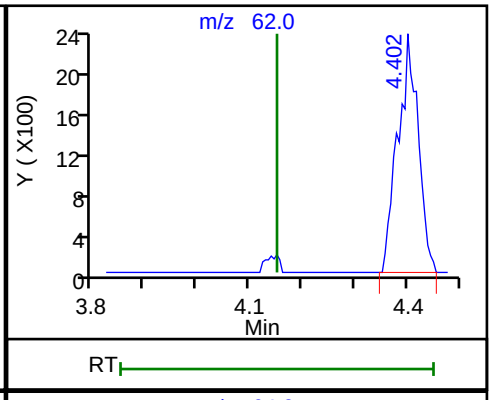
Eurofins TestAmerica, Edison

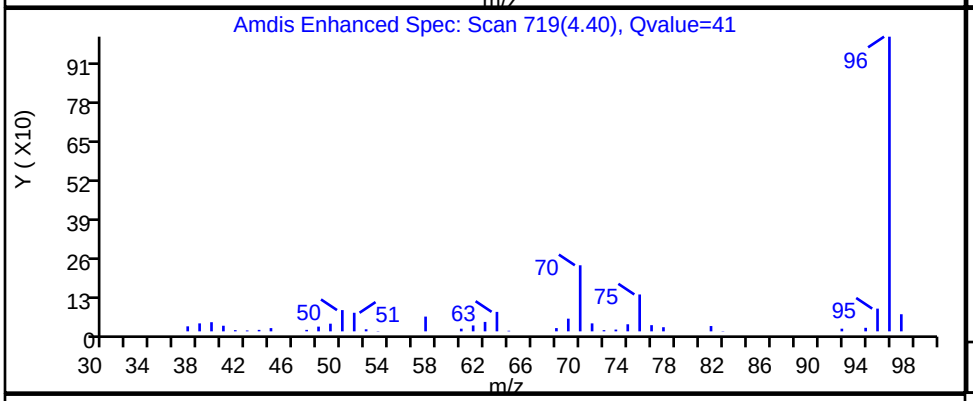
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18538.D
Injection Date: 28-Aug-2020 16:36:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-719834/1-A
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

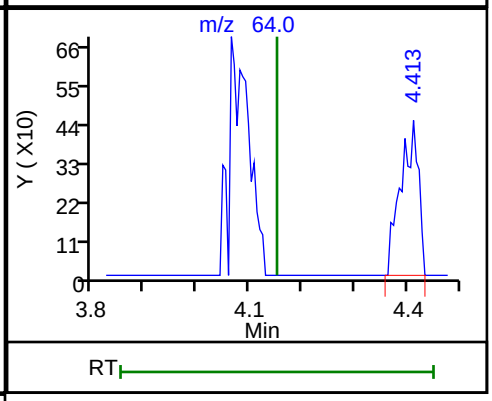
64 1,2-Dichloroethane, CAS: 107-06-2

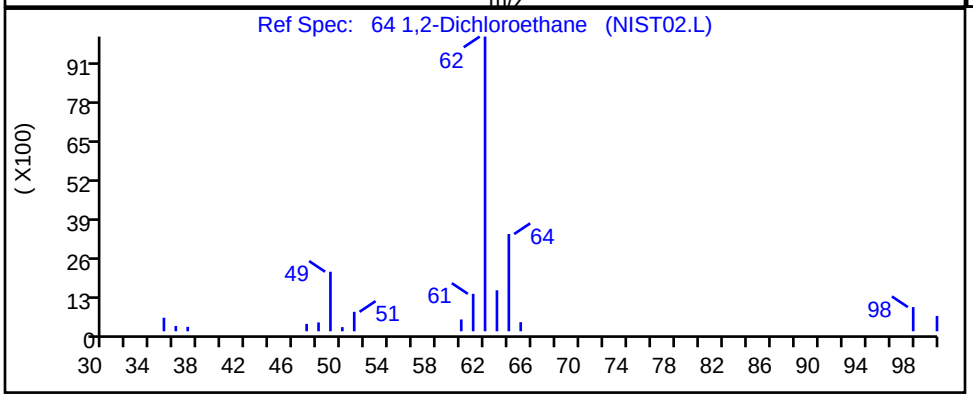
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6509	1.473672
4.41	64.00	1054	

Reviewer: delpolitov, 28-Aug-2020 16:58:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720136/1-A

Matrix: Solid Lab File ID: K18583.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/29/2020 14:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720136/1-A

Matrix: Solid Lab File ID: K18583.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/29/2020 14:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720136/1-A

Matrix: Solid Lab File ID: K18583.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/29/2020 14:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18583.D
Lims ID: LB3 460-720136/1-A
Client ID:
Sample Type: LB3
Inject. Date: 29-Aug-2020 14:41:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-720136/1-A
Misc. Info.: 460-0115966-012
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Aug-2020 08:59:33 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: tupayachia Date: 30-Aug-2020 08:59:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.400	2.421	-0.021	95	451053	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.289	3.311	-0.022	95	304753	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.758	-0.010	97	183868	50.0	54.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.075	-0.011	0	189754	50.0	54.9	
* 66 Fluorobenzene	96	4.397	4.413	-0.016	98	493193	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.128	5.210	-0.082	99	35332	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.208	6.219	-0.011	99	534493	50.0	50.5	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	334784	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	166387	50.0	52.6	
* 121 1,4-Dichlorobenzene-d4	152	11.839	11.828	0.011	96	207150	50.0	50.0	

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

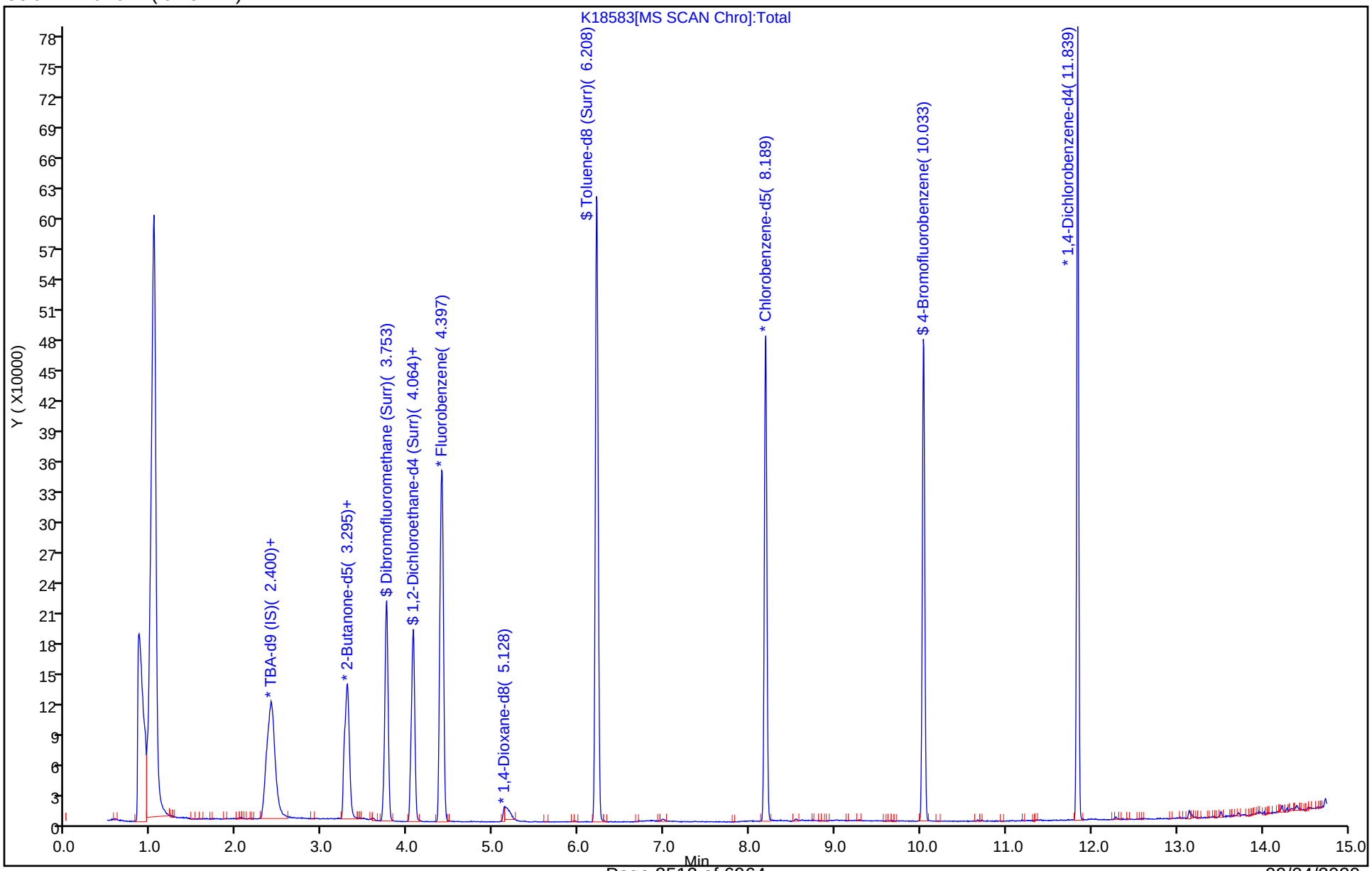
Report Date: 30-Aug-2020 08:59:33 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18583.D

Injection Date:	29-Aug-2020 14:41:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LB3 460-720136/1-A			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



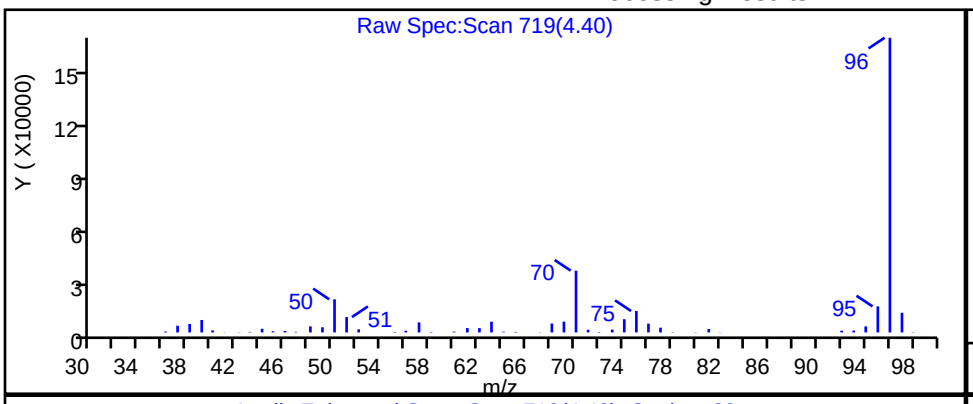
User Disabled Compound Report

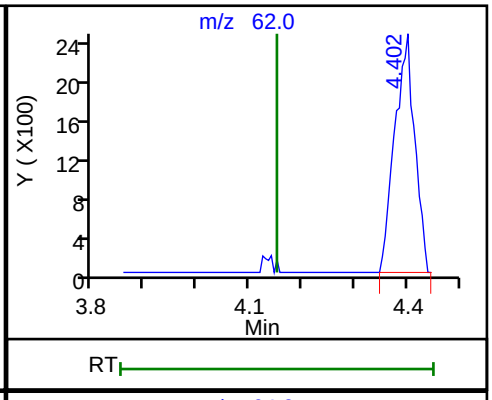
Eurofins TestAmerica, Edison

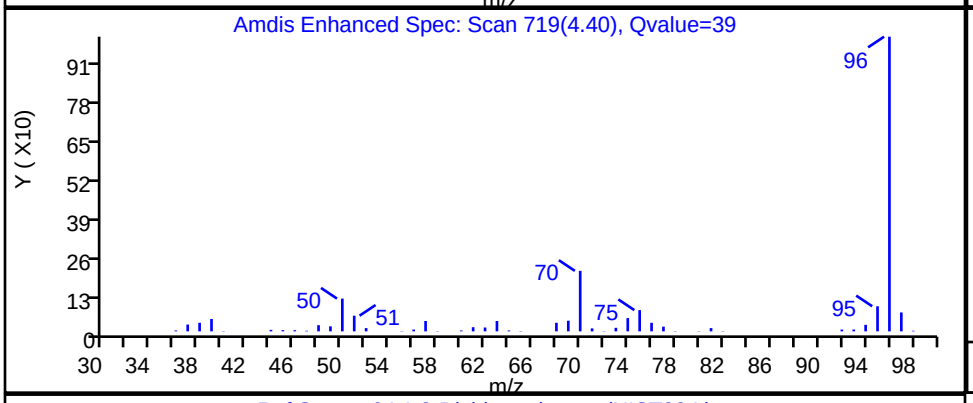
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18583.D
Injection Date: 29-Aug-2020 14:41:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-720136/1-A
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

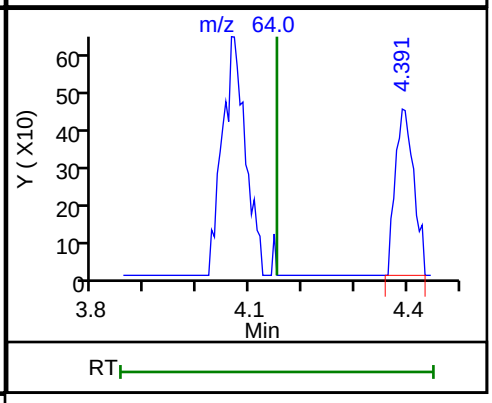
64 1,2-Dichloroethane, CAS: 107-06-2

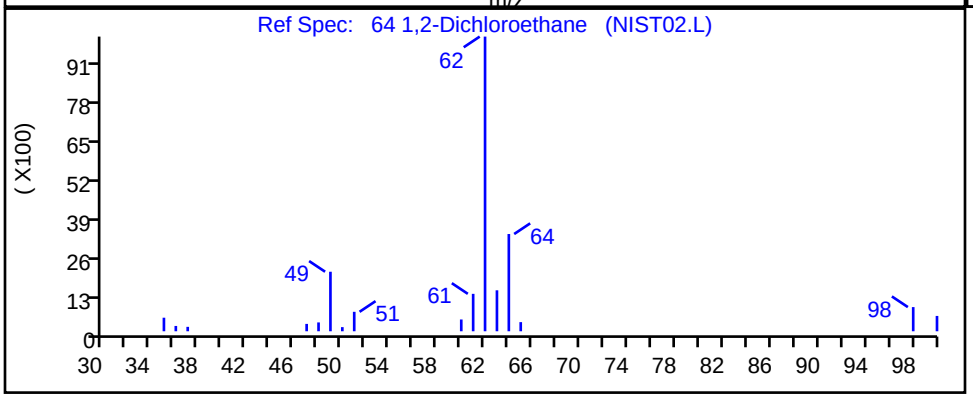
Processing Results











RT	Mass	Response	Amount
4.40	62.00	6380	1.456477
4.39	64.00	1107	

Reviewer: tupayachia, 30-Aug-2020 08:59:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

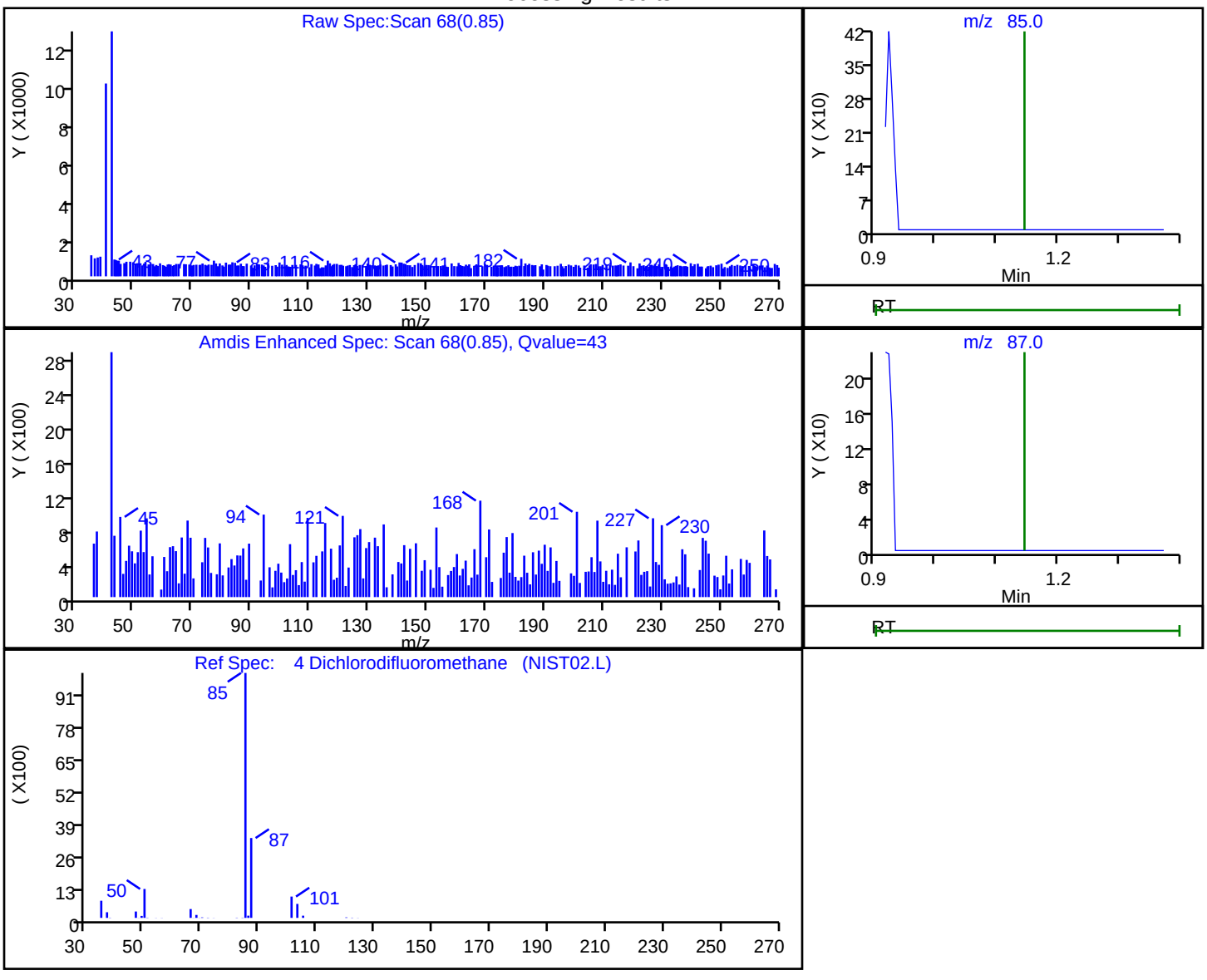
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18583.D		
Injection Date:	29-Aug-2020 14:41:30	Instrument ID:	CVOAMS9
Lims ID:	LB3 460-720136/1-A		
Client ID:			
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.85	85.00	2724	0.545782
0.85	87.00	1908	

Reviewer: tupayachia, 30-Aug-2020 08:59:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720439/1-A

Matrix: Solid Lab File ID: K18632.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/31/2020 07:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720439/1-A

Matrix: Solid Lab File ID: K18632.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/31/2020 07:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-145
460-00-4	4-Bromofluorobenzene	103		79-125
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720439/1-A

Matrix: Solid Lab File ID: K18632.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/31/2020 07:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18632.D
Lims ID: LB3 460-720439/1-A
Client ID:
Sample Type: LB3
Inject. Date: 31-Aug-2020 07:18:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-720439/1-A
Misc. Info.: 460-0116031-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:59:05 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: starzecm Date: 01-Sep-2020 09:05:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.394	2.400	-0.006	95	341982	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.284	3.284	0.000	95	249445	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.747	3.747	0.000	96	180558	50.0	51.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.058	4.058	0.000	0	185539	50.0	51.7	
* 66 Fluorobenzene	96	4.397	4.397	0.000	99	511851	50.0	50.0	a
* 73 1,4-Dioxane-d8	96	5.144	5.133	0.011	99	25596	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	575777	50.0	49.4	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	87	368803	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	94	179511	50.0	51.5	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	97	214071	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 01-Sep-2020 09:05:22 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18632.D

Injection Date: 31-Aug-2020 07:18:30 Instrument ID: CVOAMS9 Operator ID:

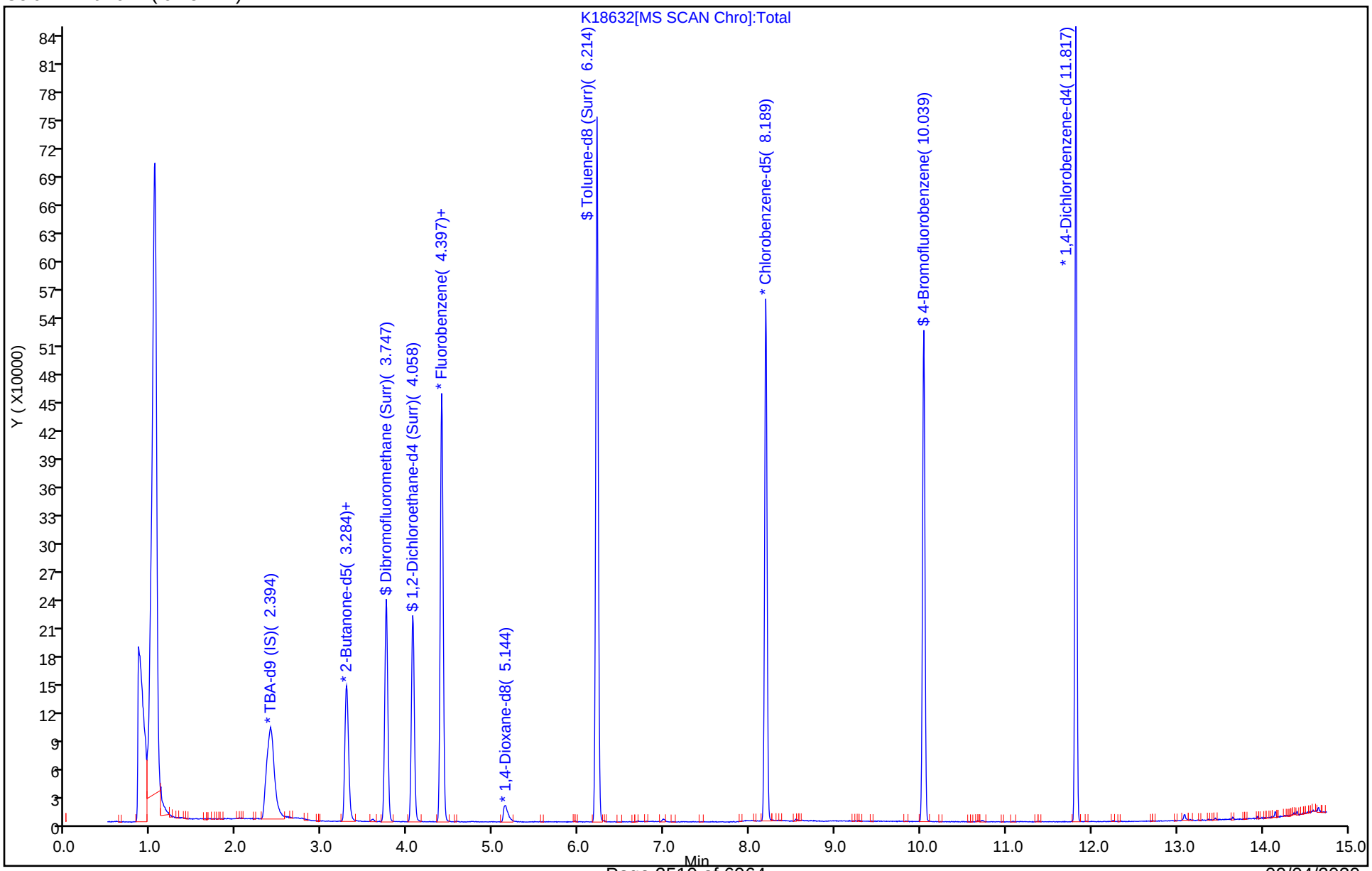
Lims ID: LB3 460-720439/1-A Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



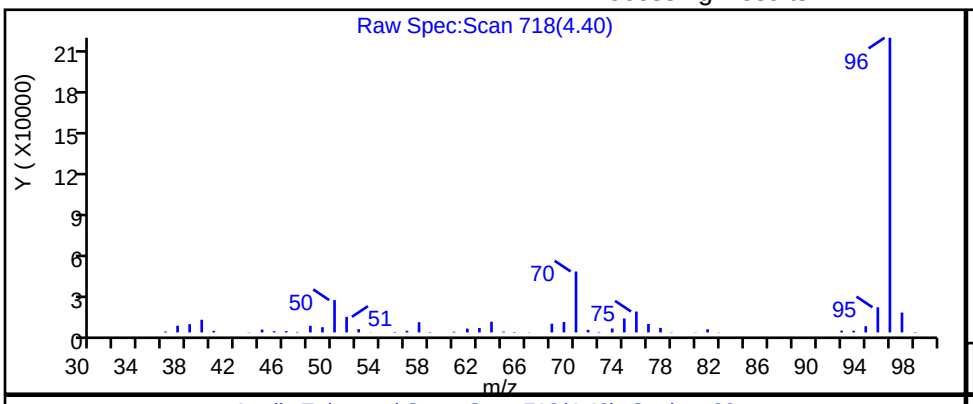
User Disabled Compound Report

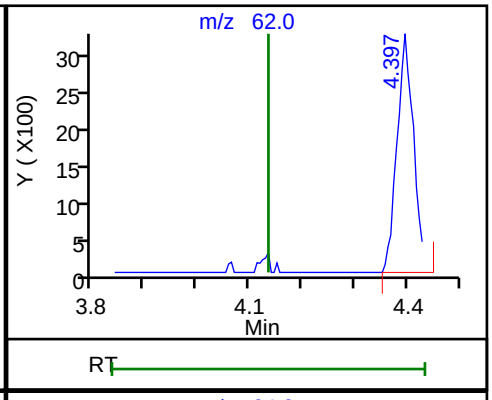
Eurofins TestAmerica, Edison

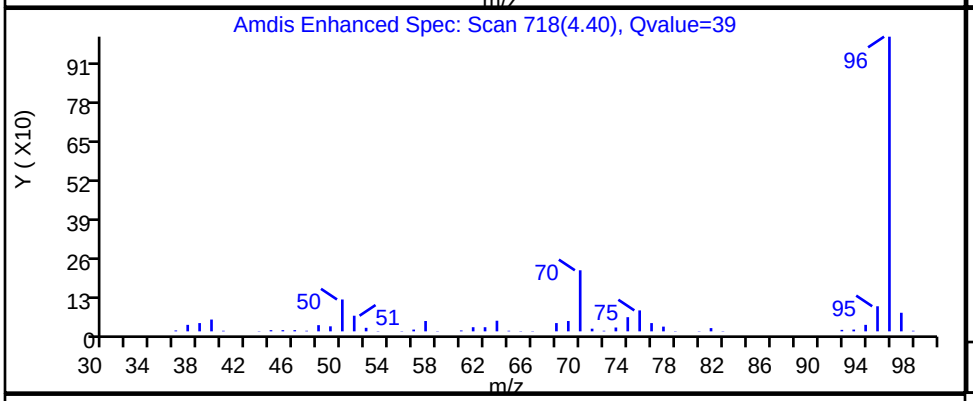
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18632.D
Injection Date: 31-Aug-2020 07:18:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-720439/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

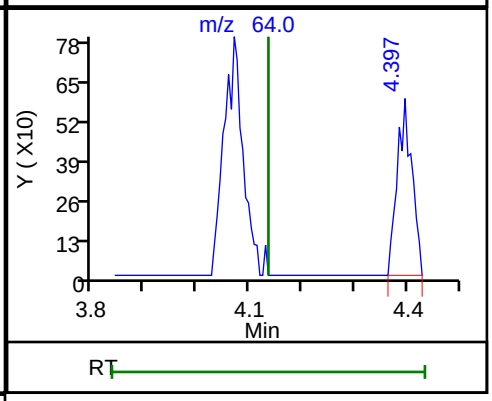
64 1,2-Dichloroethane, CAS: 107-06-2

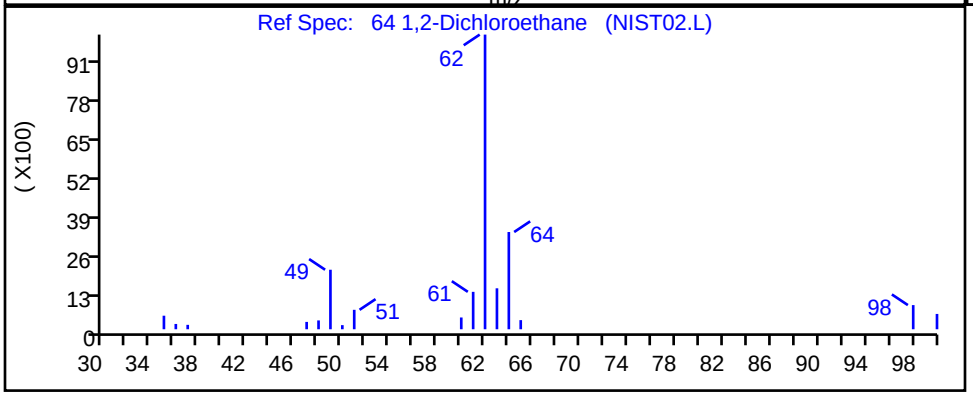
Processing Results











RT	Mass	Response	Amount
4.40	62.00	7062	1.553403
4.40	64.00	1153	

Reviewer: delpolitov, 31-Aug-2020 16:53:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

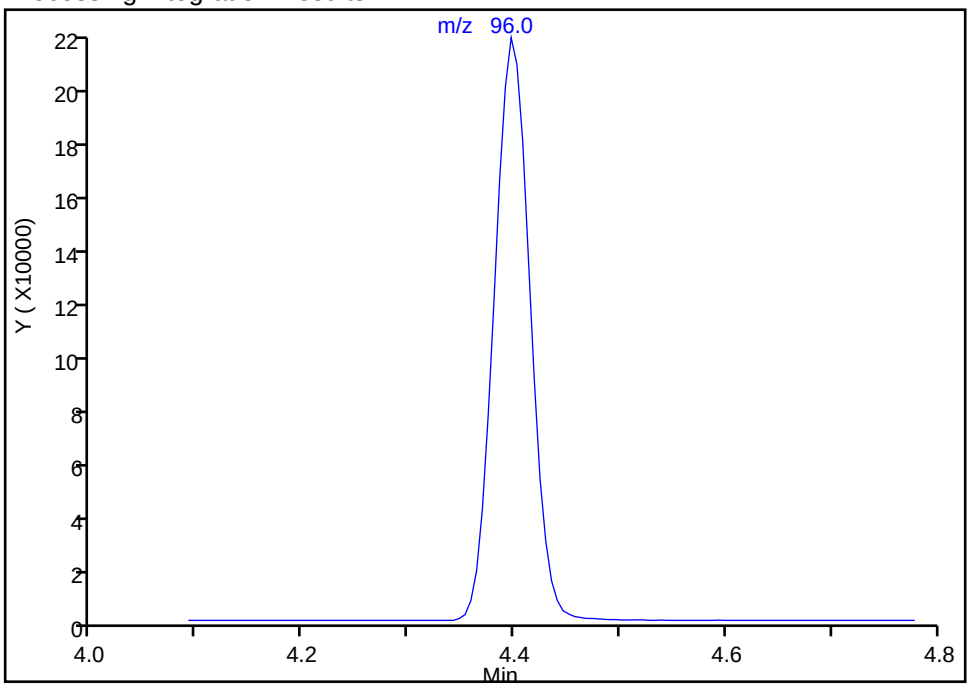
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18632.D
Injection Date: 31-Aug-2020 07:18:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-720439/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

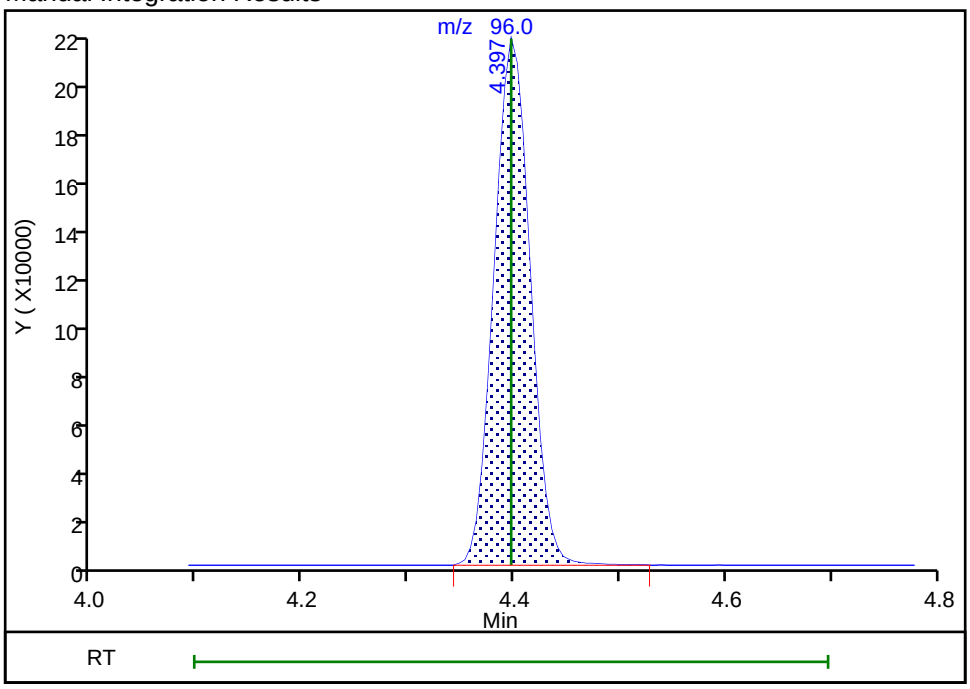
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 511851
Amount: 50.000000
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 09:01:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720511/1-A

Matrix: Solid Lab File ID: D71897.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/31/2020 12:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.00014	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.00016	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0027	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
67-64-1	Acetone	0.0057	U	0.0060	0.0057
71-43-2	Benzene	0.00026	U	0.0010	0.00026
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
74-83-9	Bromomethane	0.00047	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
67-66-3	Chloroform	0.00032	U	0.0010	0.00032
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.00015	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720511/1-A

Matrix: Solid Lab File ID: D71897.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/31/2020 12:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.00013	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.00013	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.00046	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00017	U	0.0010	0.00017
95-47-6	o-Xylene	0.00019	U	0.0010	0.00019
100-42-5	Styrene	0.00028	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.00014	U	0.0010	0.00014
108-88-3	Toluene	0.00023	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00014	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	110		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-720511/1-A

Matrix: Solid Lab File ID: D71897.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 08/31/2020 12:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71897.D
Lims ID: LB3 460-720511/1-A
Client ID:
Sample Type: LB3
Inject. Date: 31-Aug-2020 12:04:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-720511/1-A
Misc. Info.: 460-0116029-018
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 19:07:33 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1061

First Level Reviewer: parekhv Date: 31-Aug-2020 19:07:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.375	3.376	-0.001	0	178615	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	36	179348	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	157593	50.0	52.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	97	139408	50.0	48.1	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	484175	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.850	6.857	-0.007	0	16165	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	512401	50.0	55.0	
* 93 Chlorobenzene-d5	117	9.179	9.185	-0.006	85	318726	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	10.148	10.149	-0.001	0	136622	50.0	53.7	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	96	146335	50.0	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

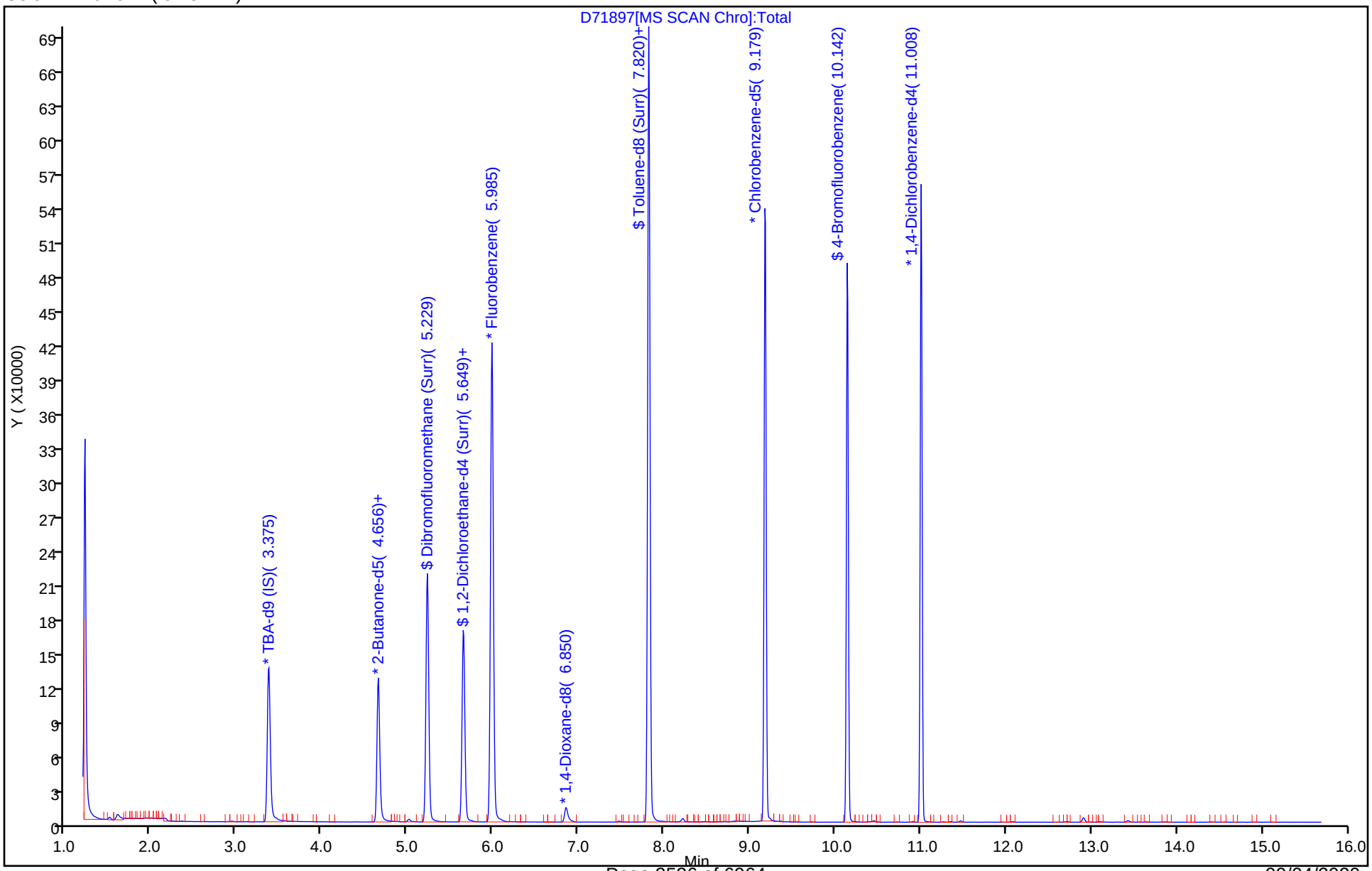
Report Date: 31-Aug-2020 19:07:33 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71897.D

Injection Date:	31-Aug-2020 12:04:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LB3 460-720511/1-A			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



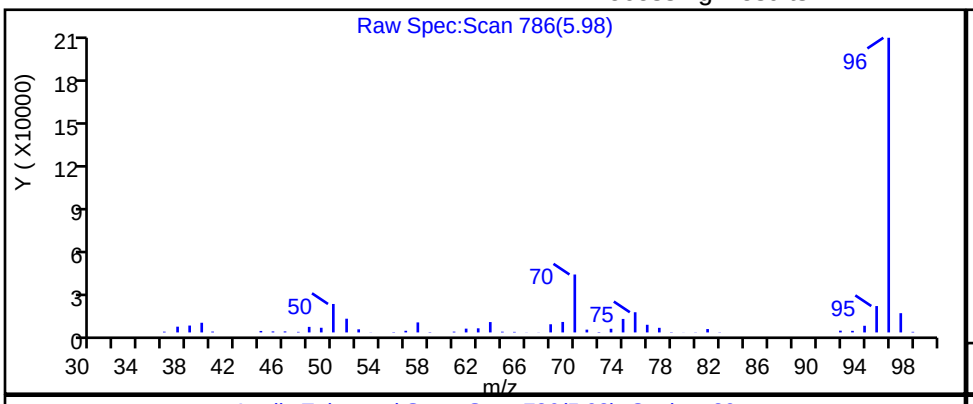
User Disabled Compound Report

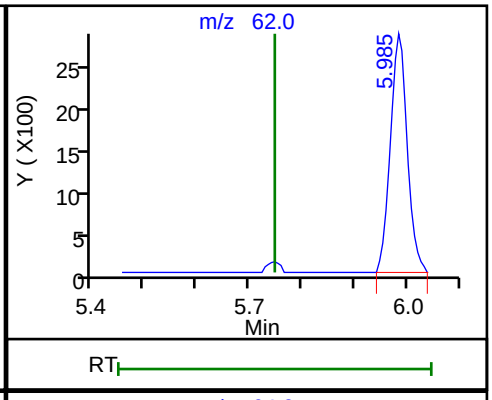
Eurofins TestAmerica, Edison

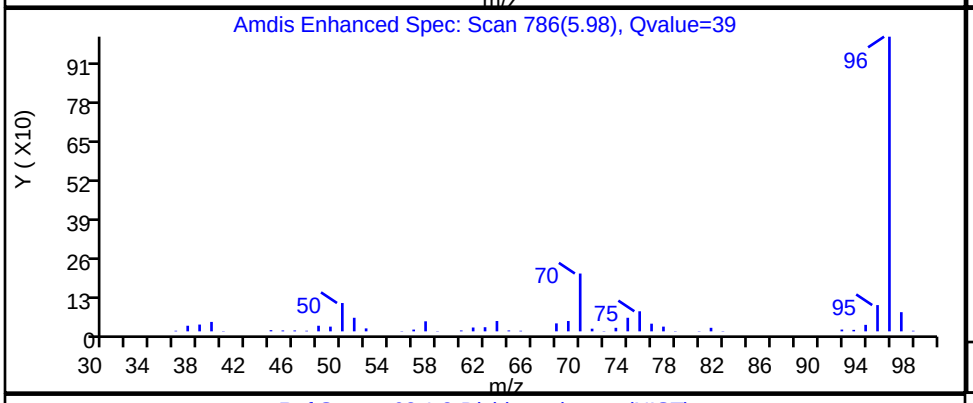
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71897.D
Injection Date: 31-Aug-2020 12:04:30 Instrument ID: CVOAMS4
Lims ID: LB3 460-720511/1-A
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

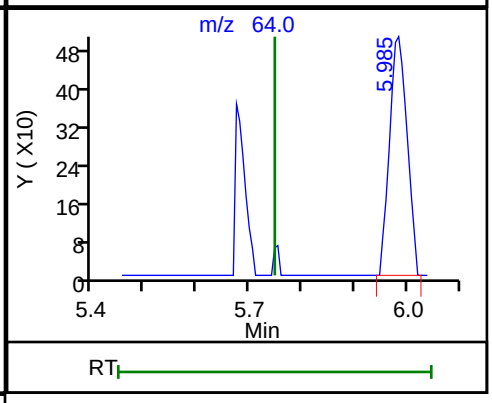
63 1,2-Dichloroethane, CAS: 107-06-2

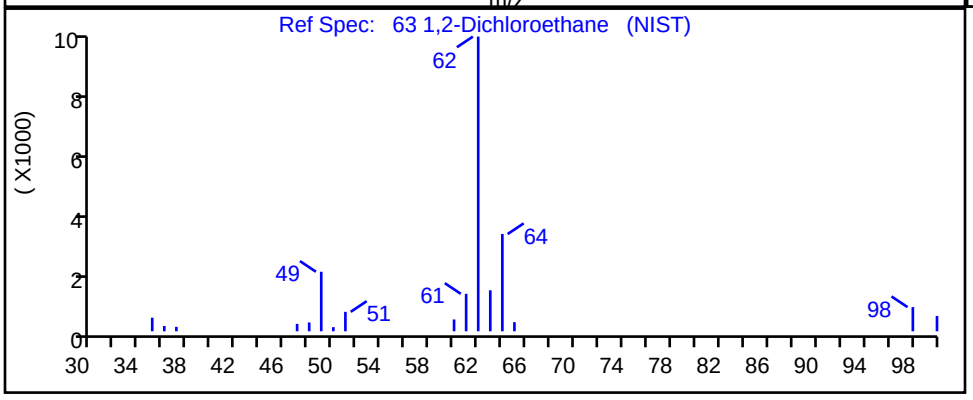
Processing Results











RT	Mass	Response	Amount
5.98	62.00	6381	1.625007
5.98	64.00	1180	

Reviewer: parekhv, 31-Aug-2020 19:07:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720210/3

Matrix: Water Lab File ID: T38363.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 08:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.43
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	20.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.43
107-06-2	1,2-Dichloroethane	19.7		1.0	0.43
78-87-5	1,2-Dichloropropane	20.6		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.3		1.0	0.33
78-93-3	2-Butanone (MEK)	91.9		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	1.3
67-64-1	Acetone	89.6		5.0	4.4
71-43-2	Benzene	20.8		1.0	0.20
75-25-2	Bromoform	20.8		1.0	0.54
74-83-9	Bromomethane	22.3		1.0	0.55
75-15-0	Carbon disulfide	21.1		1.0	0.82
56-23-5	Carbon tetrachloride	20.8		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
74-97-5	Chlorobromomethane	20.5		1.0	0.41
124-48-1	Chlorodibromomethane	21.4		1.0	0.28
75-00-3	Chloroethane	21.2		1.0	0.32
67-66-3	Chloroform	21.2		1.0	0.33
74-87-3	Chloromethane	19.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.22
110-82-7	Cyclohexane	20.9		1.0	0.32
75-27-4	Dichlorobromomethane	21.4		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.7		1.0	0.31
100-41-4	Ethylbenzene	20.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720210/3

Matrix: Water Lab File ID: T38363.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 08:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	20.3		1.0	0.50
98-82-8	Isopropylbenzene	20.3		1.0	0.34
79-20-9	Methyl acetate	43.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.6		1.0	0.47
108-87-2	Methylcyclohexane	21.2		1.0	0.26
75-09-2	Methylene Chloride	21.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.3		1.0	0.30
95-47-6	o-Xylene	19.4		1.0	0.36
100-42-5	Styrene	20.0		1.0	0.42
127-18-4	Tetrachloroethene	20.7		1.0	0.25
108-88-3	Toluene	20.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.49
79-01-6	Trichloroethene	20.8		1.0	0.31
75-69-4	Trichlorofluoromethane	22.8		1.0	0.32
75-01-4	Vinyl chloride	20.4		1.0	0.17
1330-20-7	Xylenes, Total	39.7		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		75-123
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38363.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Aug-2020 08:00:14 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0115902-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 10:35:22 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: desais Date: 28-Aug-2020 10:26:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	27	3790	20.0	13.6	
3 Chlorotrifluoroethene	116	0.635	0.635	0.000	52	7702	20.0	12.6	
2 1,1-Difluoroethane	65	0.641	0.635	0.006	98	20670	20.0	18.1	
4 Dichlorodifluoromethane	85	0.653	0.653	0.000	98	61426	20.0	18.7	
5 Chlorodifluoromethane	67	0.659	0.653	0.006	97	8434	20.0	19.8	
6 Chloromethane	50	0.726	0.726	0.000	89	48080	20.0	19.5	
7 Vinyl chloride	62	0.769	0.769	0.000	98	60874	20.0	20.4	
8 Butadiene	54	0.787	0.787	0.000	97	58668	20.0	21.5	
9 Bromomethane	94	0.909	0.909	0.000	99	22280	20.0	22.3	
10 Chloroethane	64	0.958	0.958	0.000	99	41427	20.0	21.2	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	98486	20.0	22.3	
12 Trichlorofluoromethane	101	1.074	1.074	0.000	99	87284	20.0	22.8	
13 Pentane	72	1.110	1.110	0.000	96	18797	40.0	48.6	
14 Ethanol	45	1.171	1.171	0.000	96	14851	800.0	1552.2	
15 Ethyl ether	59	1.208	1.208	0.000	57	37019	20.0	21.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	86	40780	20.0	20.2	
17 2-Methyl-1,3-butadiene	53	1.220	1.220	0.000	84	43967	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	97	72135	20.0	20.7	
19 Acrolein	56	1.269	1.269	0.000	95	10781	40.0	38.6	
20 1,1-Dichloroethene	96	1.318	1.318	0.000	98	42657	20.0	20.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.318	1.318	0.000	67	48548	20.0	21.1	
22 Acetone	43	1.348	1.348	0.000	87	57519	100.0	89.6	
23 Iodomethane	142	1.391	1.391	0.000	100	27586	20.0	36.8	
24 Carbon disulfide	76	1.421	1.421	0.000	99	154417	20.0	21.1	
25 Isopropyl alcohol	45	1.427	1.427	0.000	32	26940	200.0	228.8	
26 Acetonitrile	40	1.494	1.494	0.000	84	32255	200.0	219.6	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	93	30276	20.0	22.4	
28 Methyl acetate	43	1.519	1.519	0.000	98	62063	40.0	43.0	
29 Cyclopentene	67	1.543	1.543	0.000	96	118641	20.0	21.0	
30 Methylene Chloride	84	1.568	1.568	0.000	94	49178	20.0	21.0	
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	100	31224	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.647	1.647	0.000	99	38686	200.0	192.2	
33 Acrylonitrile	53	1.708	1.708	0.000	93	162058	200.0	195.9	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	96	48824	20.0	20.1	
35 Methyl tert-butyl ether	73	1.732	1.732	0.000	97	124461	20.0	20.6	
36 Hexane	57	1.891	1.891	0.000	93	62805	20.0	22.2	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	100	87660	20.0	20.7	
38 Vinyl acetate	86	2.019	2.019	0.000	100	18628	40.0	43.2	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	67	44815	20.0	19.6	
40 Isopropyl ether	45	2.031	2.031	0.000	77	155592	20.0	21.8	
41 Tert-butyl ethyl ether	59	2.275	2.275	0.000	88	131613	20.0	20.3	
* 42 2-Butanone-d5	46	2.336	2.336	0.000	80	247895	250.0	250.0	
44 2,2-Dichloropropane	97	2.360	2.354	0.006	79	15931	20.0	20.0	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	93	52723	20.0	20.5	
45 2-Butanone (MEK)	43	2.378	2.378	0.000	100	96550	100.0	91.9	
46 Propionitrile	54	2.421	2.421	0.000	98	59099	200.0	215.3	
47 Ethyl acetate	70	2.439	2.439	0.000	99	8076	40.0	37.1	
48 Methyl acrylate	55	2.458	2.458	0.000	96	42781	20.0	18.9	
50 Methacrylonitrile	67	2.531	2.531	0.000	91	187897	200.0	206.9	
49 Chlorobromomethane	128	2.531	2.531	0.000	47	22955	20.0	20.5	
51 Tetrahydrofuran	72	2.573	2.573	0.000	84	11360	40.0	40.5	
52 Chloroform	83	2.598	2.598	0.000	93	86429	20.0	21.2	
$ 53 Dibromofluoromethane (Surr)	113	2.720	2.720	0.000	94	123979	50.0	54.1	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	67	73260	20.0	20.9	
55 Cyclohexane	84	2.769	2.769	0.000	92	68397	20.0	20.9	
56 Carbon tetrachloride	117	2.860	2.860	0.000	77	61740	20.0	20.8	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	93	70531	20.0	20.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	99	138412	50.0	55.5	
59 Isobutyl alcohol	43	3.019	3.019	0.000	45	37889	500.0	537.2	
60 Benzene	78	3.025	3.025	0.000	97	191784	20.0	20.8	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	59	59065	20.0	19.7	
62 Isooctane	57	3.116	3.116	0.000	97	107488	20.0	21.6	a
63 Isopropyl acetate	61	3.147	3.147	0.000	92	17093	20.0	21.6	
64 Tert-amyl methyl ether	73	3.153	3.153	0.000	75	123953	20.0	20.3	
* 65 Fluorobenzene	96	3.275	3.275	0.000	98	414864	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	83	47727	20.0	22.3	
67 Trichloroethene	95	3.610	3.610	0.000	93	50516	20.0	20.8	
68 n-Butanol	56	3.634	3.634	0.000	76	23168	500.0	507.1	
69 Ethyl acrylate	55	3.781	3.774	0.007	95	107844	20.0	21.4	
70 Methylcyclohexane	83	3.787	3.787	0.000	81	69413	20.0	21.2	
71 1,2-Dichloropropane	63	3.817	3.817	0.000	85	49642	20.0	20.6	
72 Dibromomethane	93	3.933	3.933	0.000	58	28915	20.0	19.6	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	95	20901	1000.0	1000.0	
74 1,4-Dioxane	88	3.994	3.988	0.006	32	8832	400.0	452.5	
75 Methyl methacrylate	100	4.000	4.000	0.000	90	20731	40.0	38.4	
76 n-Propyl acetate	43	4.085	4.085	0.000	98	60891	20.0	21.8	
77 Dichlorobromomethane	83	4.116	4.116	0.000	98	63652	20.0	21.4	
78 2-Nitropropane	41	4.366	4.366	0.000	99	18284	40.0	47.4	
79 2-Chloroethyl vinyl ether	63	4.488	4.488	0.000	91	15183	20.0	15.7	
80 Epichlorohydrin	57	4.524	4.524	0.000	99	82532	400.0	403.0	
81 cis-1,3-Dichloropropene	75	4.610	4.610	0.000	94	76326	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	97	193759	100.0	100.8	
$ 83 Toluene-d8 (Surr)	98	4.908	4.902	0.006	98	418233	50.0	54.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.982	4.982	0.000	92	191155	20.0	20.3	
85 trans-1,3-Dichloropropene	75	5.292	5.286	0.006	94	69463	20.0	21.5	
86 Ethyl methacrylate	69	5.475	5.475	0.000	86	51427	20.0	20.0	
87 1,1,2-Trichloroethane	83	5.500	5.500	0.000	92	34224	20.0	20.6	
88 Tetrachloroethene	166	5.640	5.640	0.000	91	42283	20.0	20.7	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	92	69420	20.0	20.6	
90 2-Hexanone	43	5.890	5.890	0.000	96	133104	100.0	101.1	
91 Chlorodibromomethane	129	5.975	5.975	0.000	94	42772	20.0	21.4	
92 Ethylene Dibromide	107	6.085	6.085	0.000	96	41082	20.0	20.3	
93 n-Butyl acetate	43	6.122	6.122	0.000	98	64135	20.0	22.6	
* 94 Chlorobenzene-d5	117	6.750	6.750	0.000	86	281575	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	92	113358	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	6.932	6.932	0.000	94	39924	20.0	21.6	
97 Ethylbenzene	106	6.993	6.993	0.000	99	60682	20.0	20.4	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	72722	20.0	20.3	
99 o-Xylene	106	7.743	7.743	0.000	91	66890	20.0	19.4	
100 Styrene	104	7.774	7.774	0.000	89	111884	20.0	20.0	
101 n-Butyl acrylate	73	7.871	7.871	0.000	95	28370	20.0	20.5	
102 Bromoform	173	7.987	7.987	0.000	91	23474	20.0	20.8	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	89	69449	20.0	23.0	
104 Isopropylbenzene	105	8.341	8.341	0.000	96	174796	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	8.530	8.530	0.000	81	105765	50.0	54.0	
106 Bromobenzene	156	8.700	8.700	0.000	92	39812	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	8.859	8.859	0.000	89	50470	20.0	20.9	
108 1,2,3-Trichloropropane	110	8.865	8.865	0.000	82	12974	20.0	21.7	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	84	13838	20.0	22.7	
110 N-Propylbenzene	91	8.993	8.993	0.000	98	223550	20.0	20.6	
111 2-Chlorotoluene	91	9.054	9.054	0.000	96	120085	20.0	20.0	
112 4-Ethyltoluene	105	9.194	9.194	0.000	98	163929	20.0	20.6	
113 4-Chlorotoluene	91	9.243	9.243	0.000	99	117790	20.0	18.0	
114 1,3,5-Trimethylbenzene	105	9.310	9.310	0.000	91	125902	20.0	20.2	
115 Butyl Methacrylate	87	9.621	9.621	0.000	92	45976	20.0	20.6	
116 tert-Butylbenzene	119	9.810	9.810	0.000	91	104139	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	98	126500	20.0	20.1	
118 sec-Butylbenzene	105	10.176	10.176	0.000	99	156434	20.0	20.3	
119 1,3-Dichlorobenzene	146	10.255	10.255	0.000	93	67283	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.377	0.006	97	119417	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.413	10.420	-0.007	86	68985	20.0	20.3	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	87	120281	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	99	119926	20.0	19.6	
124 Benzyl chloride	91	10.688	10.688	0.000	98	72838	20.0	21.7	
125 2,3-Dihydroindene	117	10.834	10.834	0.000	90	117336	20.0	19.7	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	92	61749	20.0	20.5	
127 p-Diethylbenzene	119	11.108	11.108	0.000	88	58084	20.0	19.9	
128 n-Butylbenzene	92	11.139	11.139	0.000	97	65868	20.0	21.4	
129 1,2-Dibromo-3-Chloropropane	157	12.090	12.090	0.000	76	6634	20.0	18.8	
130 1,2,4,5-Tetramethylbenzene	119	12.139	12.133	0.006	96	84313	20.0	18.9	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	93	31920	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	12.950	12.950	0.000	92	25175	20.0	18.4	
133 Hexachlorobutadiene	225	13.151	13.151	0.000	54	9705	20.0	18.4	
134 Naphthalene	128	13.151	13.151	0.000	98	69648	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	13.370	13.370	0.000	89	19706	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	39.7	
S 140 Total BTEX	1				0		100.0	101.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
GASES Li_00383	Amount Added:	20.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Aug-2020 10:35:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38363.D

Injection Date: 28-Aug-2020 08:00:14 Instrument ID: CVOAMS15

Lims ID: LCS

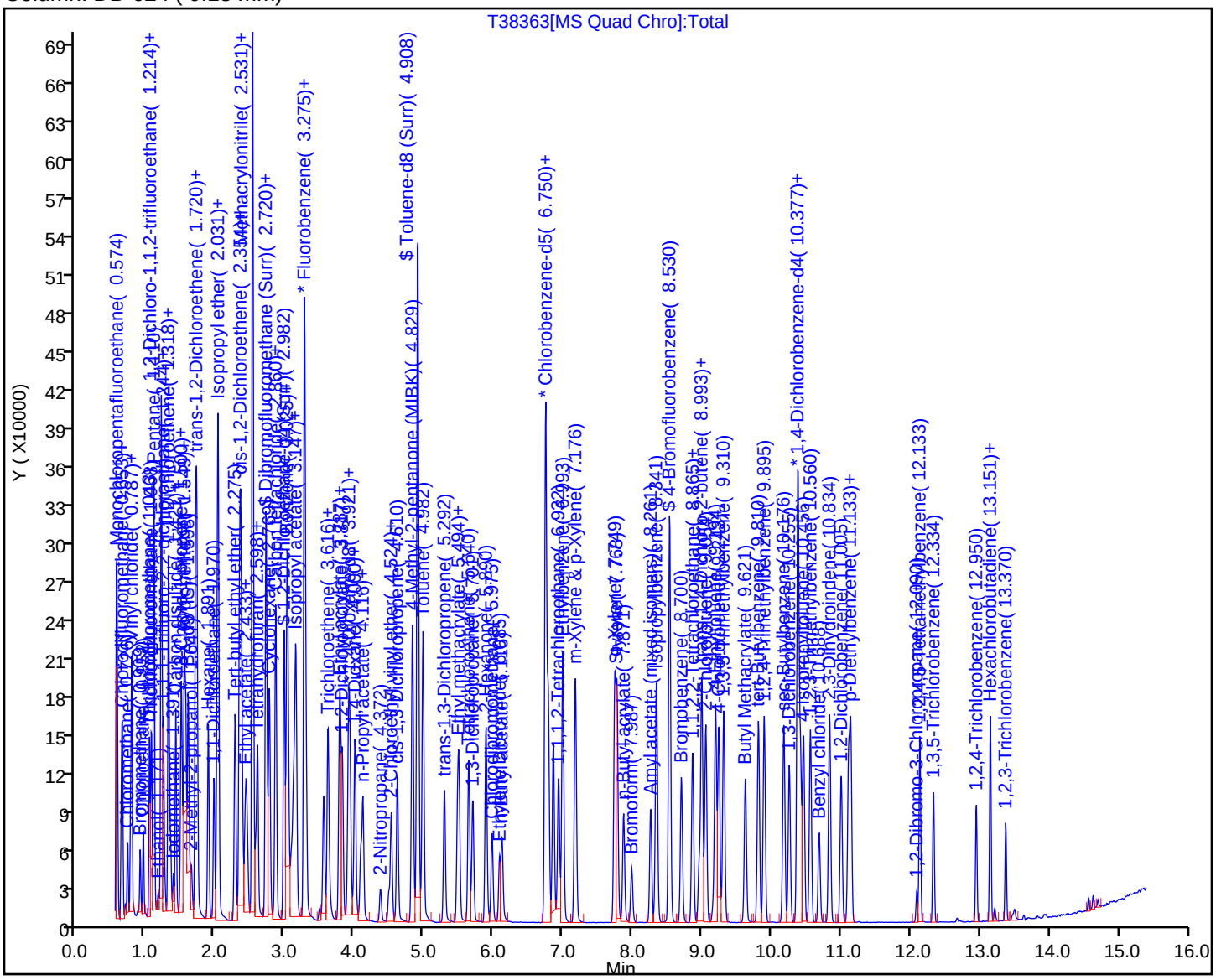
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720240/4

Matrix: Solid Lab File ID: K18523.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 10:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0206		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0192		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0224		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0202		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0212		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0208		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0211		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0216		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0198		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0204		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0200		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0197		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0202		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0203		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0907		0.0050	0.0027
591-78-6	2-Hexanone	0.0998		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.101		0.0050	0.0016
67-64-1	Acetone	0.0913		0.0060	0.0057
71-43-2	Benzene	0.0207		0.0010	0.00026
75-25-2	Bromoform	0.0190		0.0010	0.00043
74-83-9	Bromomethane	0.0199		0.0010	0.00047
75-15-0	Carbon disulfide	0.0200		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0207		0.0010	0.00039
108-90-7	Chlorobenzene	0.0200		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0204		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0190		0.0010	0.00019
75-00-3	Chloroethane	0.0206		0.0010	0.00052
67-66-3	Chloroform	0.0204		0.0010	0.00032
74-87-3	Chloromethane	0.0203		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0202		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0191		0.0010	0.00027
110-82-7	Cyclohexane	0.0224		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0190		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0232		0.0010	0.00034
100-41-4	Ethylbenzene	0.0207		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720240/4

Matrix: Solid Lab File ID: K18523.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 10:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0203		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0217		0.0010	0.00013
79-20-9	Methyl acetate	0.0363		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0197		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0227		0.0010	0.00050
75-09-2	Methylene Chloride	0.0175		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0202		0.0010	0.00017
95-47-6	o-Xylene	0.0205		0.0010	0.00019
100-42-5	Styrene	0.0207		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0212		0.0010	0.00014
108-88-3	Toluene	0.0201		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0205		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0188		0.0010	0.00027
79-01-6	Trichloroethene	0.0206		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0222		0.0010	0.00041
75-01-4	Vinyl chloride	0.0205		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0407		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	103		79-125
1868-53-7	Dibromofluoromethane (Surr)	103		48-150
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18523.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Aug-2020 10:44:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0115917-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 16:00:39 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1061

First Level Reviewer: starzecm Date: 28-Aug-2020 12:14:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.139	1.145	-0.006	78	123404	20.0	23.2	
6 Chloromethane	50	1.259	1.270	-0.011	99	151985	20.0	20.3	
7 Butadiene	54	1.297	1.303	-0.006	94	99309	20.0	21.3	
8 Vinyl chloride	62	1.325	1.330	-0.005	98	105781	20.0	20.5	
9 Bromomethane	94	1.505	1.510	-0.005	99	70464	20.0	19.9	
10 Chloroethane	64	1.537	1.538	-0.001	99	54714	20.0	20.6	
11 Dichlorofluoromethane	67	1.679	1.685	-0.006	97	132151	20.0	20.1	
13 Pentane	72	1.723	1.729	-0.006	96	22564	40.0	39.2	
12 Trichlorofluoromethane	101	1.728	1.734	-0.006	84	110435	20.0	22.2	
15 Ethyl ether	59	1.854	1.860	-0.006	95	53134	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	1.870	1.881	-0.011	86	75935	20.0	23.8	
14 Ethanol	46	1.930	1.914	0.016	67	19382	800.0	694.3	Ma
19 Acrolein	56	1.941	1.947	-0.006	94	142345	300.0	269.3	
21 1,1-Dichloroethene	96	2.023	2.029	-0.006	98	64823	20.0	20.8	
22 Acetone	43	2.045	2.056	-0.011	88	117994	100.0	91.3	
20 112TCTFE	101	2.056	2.061	-0.005	67	71105	20.0	22.4	
23 Iodomethane	142	2.132	2.132	0.000	98	128217	20.0	19.1	
24 Isopropyl alcohol	45	2.176	2.182	-0.006	98	80405	200.0	176.3	a
25 Carbon disulfide	76	2.181	2.187	-0.006	100	278800	20.0	20.0	M
26 3-Chloro-1-propene	39	2.252	2.258	-0.006	86	95639	20.0	19.2	a
27 Methyl acetate	43	2.263	2.269	-0.006	100	114065	40.0	36.3	
29 Acetonitrile	41	2.296	2.296	0.000	38	62081	200.0	167.8	M
28 Cyclopentene	67	2.312	2.323	-0.011	95	190205	20.0	21.1	
31 Methylene Chloride	84	2.345	2.351	-0.006	84	82311	20.0	17.5	
* 30 TBA-d9 (IS)	65	2.416	2.422	-0.006	98	421511	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.465	2.471	-0.006	91	109590	200.0	176.0	a
35 Acrylonitrile	53	2.514	2.520	-0.006	95	287842	200.0	202.7	
34 trans-1,2-Dichloroethene	96	2.536	2.547	-0.011	98	72482	20.0	20.5	
33 Methyl tert-butyl ether	73	2.569	2.563	0.006	97	187037	20.0	19.7	
36 Hexane	43	2.749	2.754	-0.005	93	71160	20.0	21.9	
38 1,1-Dichloroethane	63	2.852	2.864	-0.012	99	146294	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.902	2.902	0.000	100	23731	40.0	25.7	
37 Isopropyl ether	45	2.929	2.929	0.000	86	259509	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	2.929	2.935	-0.005	89	71853	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.223	3.229	-0.006	88	249072	20.0	22.1	
* 42 2-Butanone-d5	46	3.300	3.306	-0.006	93	303910	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.333	3.338	-0.005	95	85078	20.0	20.2	
43 2,2-Dichloropropane	79	3.354	3.349	0.005	61	33752	20.0	19.5	a
46 2-Butanone (MEK)	72	3.360	3.360	0.000	99	40974	100.0	90.7	
48 Propionitrile	54	3.404	3.409	-0.005	98	118656	200.0	176.2	
45 Ethyl acetate	70	3.398	3.415	-0.017	95	14972	40.0	38.3	M
47 Methyl acrylate	55	3.436	3.442	-0.006	98	76780	20.0	21.3	M
51 Methacrylonitrile	67	3.529	3.535	-0.006	93	294826	200.0	208.3	
50 Chlorobromomethane	128	3.540	3.546	-0.006	90	41095	20.0	20.4	
49 Tetrahydrofuran	72	3.595	3.606	-0.012	70	19723	40.0	39.3	
52 Chloroform	83	3.611	3.617	-0.006	99	134158	20.0	20.4	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	97	183581	50.0	51.3	
54 1,1,1-Trichloroethane	97	3.785	3.797	-0.012	99	108758	20.0	20.6	
53 Cyclohexane	84	3.851	3.846	0.005	93	118834	20.0	22.4	
57 1,1-Dichloropropene	75	3.933	3.938	-0.005	97	100554	20.0	20.7	
56 Carbon tetrachloride	117	3.949	3.949	0.000	98	92892	20.0	20.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.075	-0.006	0	191565	50.0	52.0	
58 Isobutyl alcohol	74	4.129	4.129	0.000	96	25552	500.0	345.7	a
60 Benzene	78	4.129	4.135	-0.006	93	294576	20.0	20.7	
64 1,2-Dichloroethane	62	4.146	4.151	-0.005	86	93528	20.0	20.0	
59 Isooctane	57	4.217	4.222	-0.005	96	330560	20.0	24.0	
62 Isopropyl acetate	43	4.238	4.239	-0.001	95	280846	20.0	20.6	
63 Tert-amyl methyl ether	87	4.249	4.255	-0.006	91	60628	20.0	20.0	a
* 66 Fluorobenzene	96	4.408	4.413	-0.005	98	525424	50.0	50.0	
65 n-Heptane	57	4.418	4.419	-0.001	95	78910	20.0	11.9	
68 n-Butanol	56	4.779	4.790	-0.011	63	58625	500.0	360.6	
69 Trichloroethene	95	4.795	4.795	0.000	98	69211	20.0	20.6	
70 Ethyl acrylate	56	4.920	4.921	-0.001	98	9053	20.0	17.5	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	142178	20.0	22.7	
72 1,2-Dichloropropane	63	5.035	5.035	0.000	91	71309	20.0	19.7	
77 Dibromomethane	93	5.160	5.161	-0.001	98	43113	20.0	20.4	
* 73 1,4-Dioxane-d8	96	5.193	5.183	0.010	48	36874	1000.0	1000.0	
74 Methyl methacrylate	69	5.182	5.188	-0.006	92	73596	40.0	38.7	
75 1,4-Dioxane	88	5.226	5.232	-0.006	74	20043	400.0	395.2	a
76 n-Propyl acetate	43	5.264	5.270	-0.006	98	81134	20.0	18.5	
78 Dichlorobromomethane	83	5.351	5.357	-0.006	100	84007	20.0	19.0	
79 2-Nitropropane	41	5.619	5.619	0.000	98	26007	40.0	33.7	
67 2-Chloroethyl vinyl ether	63	5.722	5.728	-0.006	94	16543	20.0	28.8	M
80 Epichlorohydrin	57	5.777	5.783	-0.006	100	119335	400.0	374.7	
81 cis-1,3-Dichloropropene	75	5.881	5.886	-0.005	94	89256	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.115	6.116	-0.001	97	356051	100.0	101.1	
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	99	561817	50.0	50.1	
84 Toluene	91	6.301	6.307	-0.006	93	253146	20.0	20.1	
85 trans-1,3-Dichloropropene	75	6.612	6.607	0.005	97	71246	20.0	18.8	
86 Ethyl methacrylate	69	6.781	6.787	-0.006	91	69701	20.0	20.0	
87 1,1,2-Trichloroethane	83	6.841	6.847	-0.006	96	41868	20.0	20.2	
88 Tetrachloroethene	166	7.021	7.021	0.000	98	61856	20.0	21.2	
89 1,3-Dichloropropane	76	7.059	7.065	-0.006	96	78590	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.234	7.234	0.000	97	202457	100.0	99.8	
92 Chlorodibromomethane	129	7.365	7.371	-0.006	99	53727	20.0	19.0	
91 n-Butyl acetate	43	7.458	7.458	0.000	98	90569	20.0	20.0	
93 Ethylene Dibromide	107	7.496	7.501	-0.005	98	48068	20.0	20.3	
* 94 Chlorobenzene-d5	117	8.194	8.194	0.000	86	355094	50.0	50.0	
95 Chlorobenzene	112	8.232	8.233	-0.001	94	151985	20.0	20.0	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.385	-0.005	94	66513	20.0	19.3	
96 Ethylbenzene	106	8.434	8.435	-0.001	98	86886	20.0	20.7	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	106498	20.0	20.2	
100 o-Xylene	106	9.220	9.220	0.000	94	115082	20.0	20.5	
101 Styrene	104	9.247	9.248	-0.001	96	168624	20.0	20.7	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	45894	20.0	21.0	
103 Bromoform	173	9.487	9.488	-0.001	97	36520	20.0	19.0	
102 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	89	113540	20.0	19.6	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	314185	20.0	21.7	
$ 105 4-Bromofluorobenzene	174	10.038	10.039	-0.001	90	172331	50.0	51.4	
106 Bromobenzene	156	10.235	10.241	-0.006	99	68864	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	79872	20.0	19.2	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	19636	20.0	19.4	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	88	17373	20.0	19.1	
108 N-Propylbenzene	91	10.502	10.502	0.000	99	364259	20.0	20.4	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	215962	20.0	19.8	
112 4-Ethyltoluene	105	10.699	10.704	-0.005	99	293842	20.0	21.0	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	206379	20.0	19.7	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	265276	20.0	19.7	
115 Butyl Methacrylate	87	11.081	11.086	-0.005	92	85051	20.0	19.9	
116 tert-Butylbenzene	119	11.321	11.326	-0.005	93	200190	20.0	15.2	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	271270	20.0	19.7	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	341844	20.0	20.2	
120 1,3-Dichlorobenzene	146	11.725	11.725	-0.001	96	136621	20.0	20.2	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.823	-0.006	95	211048	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	72	136429	20.0	20.3	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	289891	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	11.948	11.948	0.000	99	291943	20.0	20.4	
124 Benzyl chloride	91	12.036	12.041	-0.005	98	109968	20.0	18.6	
125 2,3-Dihydroindene	117	12.161	12.167	-0.006	95	271545	20.0	20.7	
128 1,2-Dichlorobenzene	146	12.292	12.292	0.000	96	149802	20.0	20.4	
126 p-Diethylbenzene	119	12.319	12.325	-0.006	92	160543	20.0	22.4	a
127 n-Butylbenzene	92	12.347	12.347	0.000	99	166031	20.0	22.4	
130 1,2-Dibromo-3-Chloropropane	157	13.149	13.154	-0.005	93	19206	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	13.160	13.160	0.000	97	313145	20.0	21.6	
131 1,3,5-Trichlorobenzene	180	13.367	13.373	-0.006	98	142916	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	13.945	13.951	-0.006	94	138359	20.0	21.6	
133 Hexachlorobutadiene	225	14.125	14.131	-0.006	97	65620	20.0	20.4	
134 Naphthalene	128	14.153	14.164	-0.011	99	341154	20.0	21.4	
135 1,2,3-Trichlorobenzene	180	14.371	14.377	-0.006	96	145509	20.0	21.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	40.7	
S 139 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Aug-2020 16:00:41 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18523.D

Injection Date: 28-Aug-2020 10:44:30 Instrument ID: CVOAMS9 Operator ID:

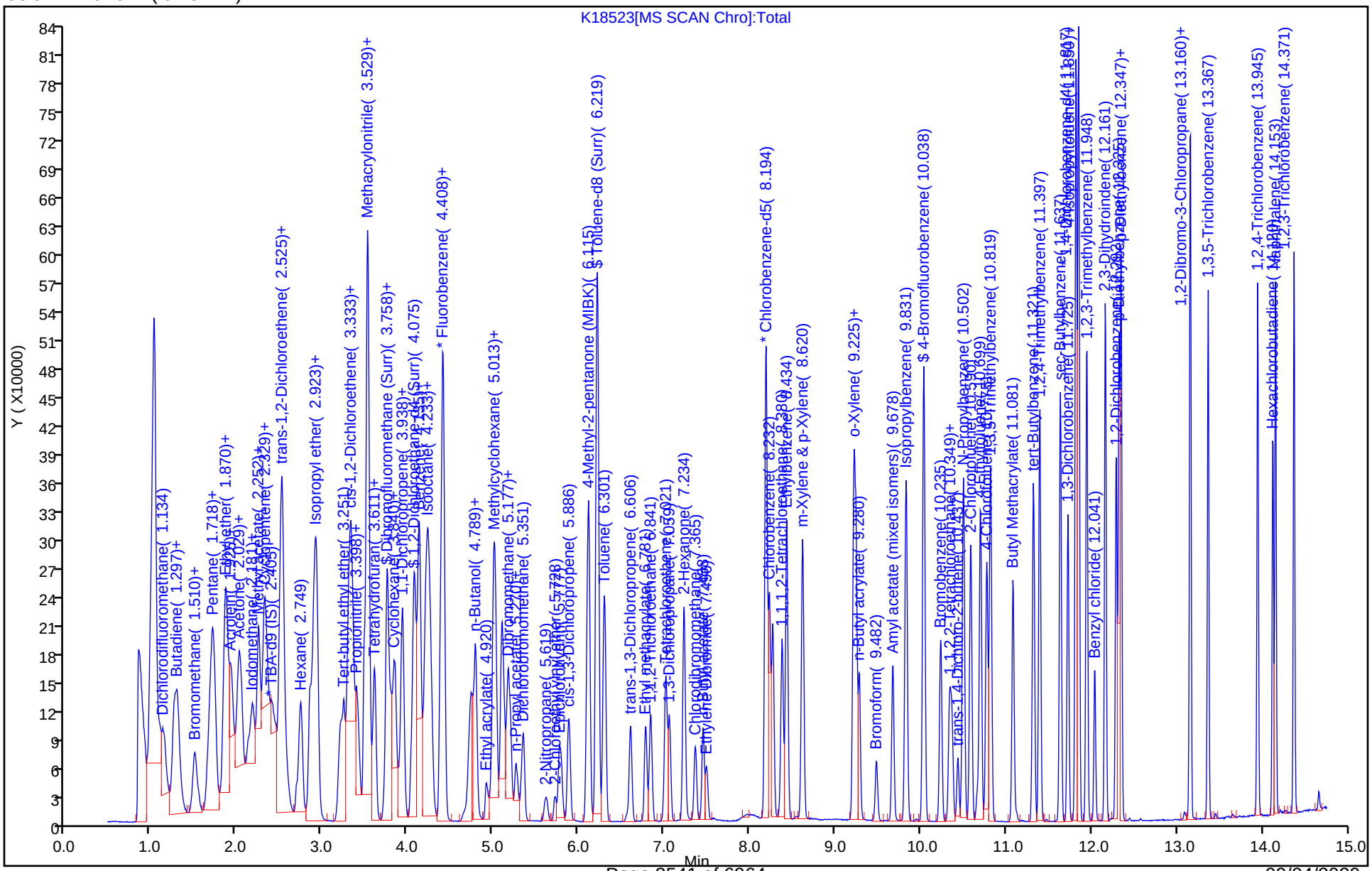
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

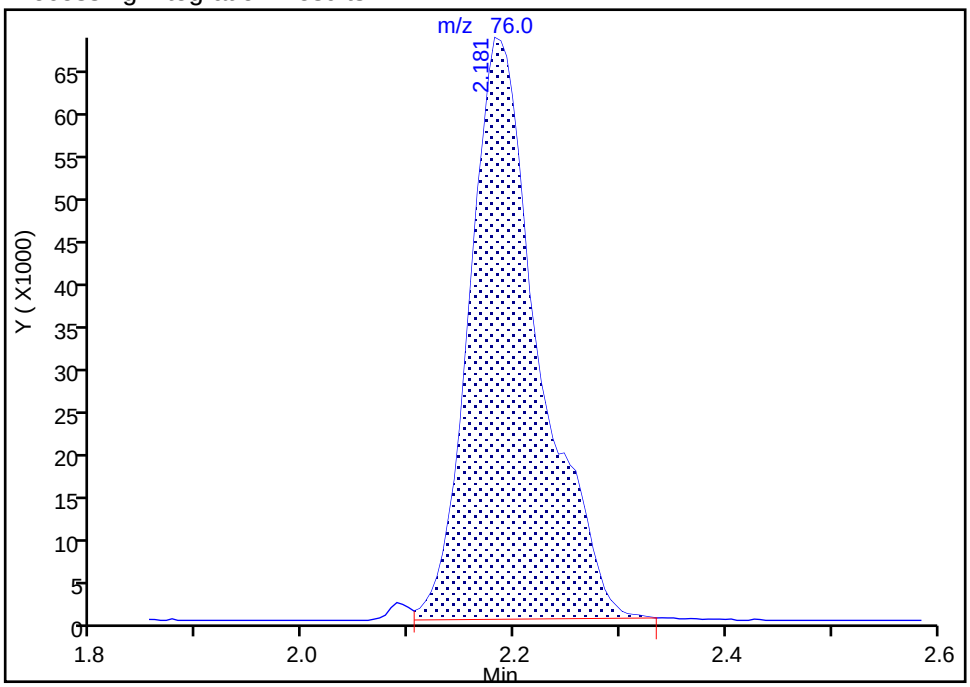
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18523.D
Injection Date: 28-Aug-2020 10:44:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

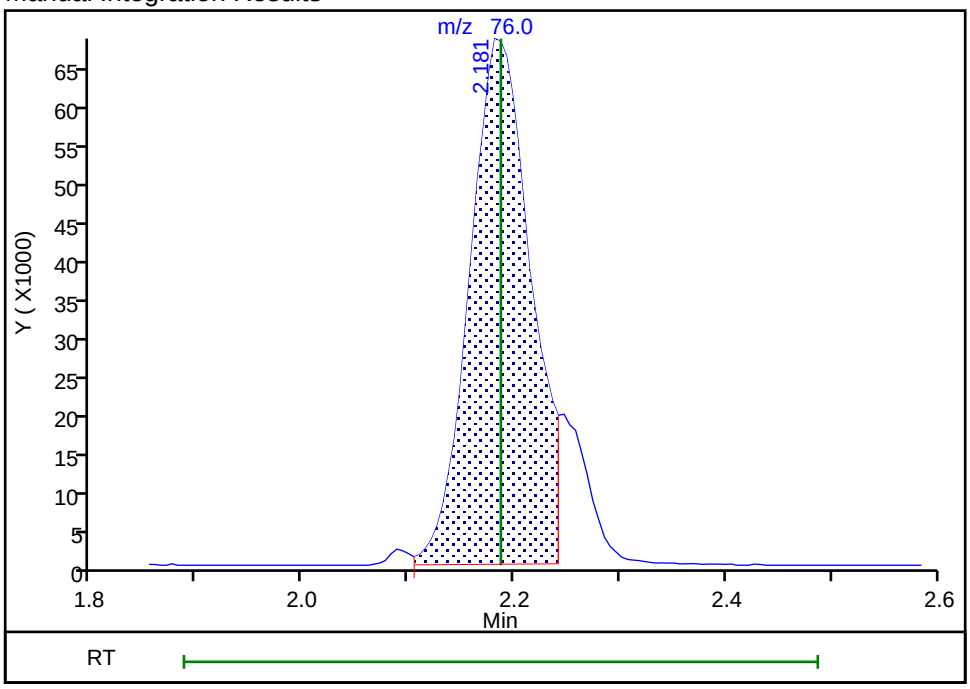
Processing Integration Results

RT: 2.18
Area: 313151
Amount: 22.491009
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 278800
Amount: 20.023865
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 15:59:22
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720347/10

Matrix: Solid Lab File ID: B628604.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 17:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0201		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0191		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0177		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0195		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0193		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0177		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0199		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0202		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0194		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0189		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0201		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0201		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0201		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0198		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.106		0.0050	0.0027
591-78-6	2-Hexanone	0.104		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.102		0.0050	0.0016
67-64-1	Acetone	0.0792		0.0060	0.0057
71-43-2	Benzene	0.0196		0.0010	0.00026
75-25-2	Bromoform	0.0199		0.0010	0.00043
74-83-9	Bromomethane	0.0169		0.0010	0.00047
75-15-0	Carbon disulfide	0.0184		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0203		0.0010	0.00039
108-90-7	Chlorobenzene	0.0195		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0203		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0190		0.0010	0.00019
75-00-3	Chloroethane	0.0174		0.0010	0.00052
67-66-3	Chloroform	0.0203		0.0010	0.00032
74-87-3	Chloromethane	0.0175		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0208		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0191		0.0010	0.00027
110-82-7	Cyclohexane	0.0221		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0193		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0171		0.0010	0.00034
100-41-4	Ethylbenzene	0.0206		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720347/10

Matrix: Solid Lab File ID: B628604.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 17:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0203		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0198		0.0010	0.00013
79-20-9	Methyl acetate	0.0396		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0197		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0216		0.0010	0.00050
75-09-2	Methylene Chloride	0.0199		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0203		0.0010	0.00017
95-47-6	o-Xylene	0.0207		0.0010	0.00019
100-42-5	Styrene	0.0202		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0199		0.0010	0.00014
108-88-3	Toluene	0.0201		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0209		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0186		0.0010	0.00027
79-01-6	Trichloroethene	0.0207		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0162		0.0010	0.00041
75-01-4	Vinyl chloride	0.0176		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0410		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628604.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Aug-2020 17:45:30 ALS Bottle#: 3 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0115927-010
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 12:37:55 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 28-Aug-2020 18:11:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.654	0.660	-0.006	67	10863	20.0	21.8	
2 1,1-Difluoroethane	51	0.691	0.685	0.006	66	146618	20.0	24.5	
3 Dichlorodifluoromethane	85	0.721	0.721	0.000	95	156378	20.0	17.1	
4 Chlorodifluoromethane	51	0.727	0.727	0.000	97	210923	20.0	20.7	
5 Chloromethane	50	0.807	0.795	0.012	100	274130	20.0	17.5	
6 Butadiene	54	0.843	0.837	0.006	94	175164	20.0	16.9	
7 Vinyl chloride	62	0.849	0.843	0.006	98	184912	20.0	17.6	
8 Bromomethane	94	0.983	0.984	-0.001	97	116693	20.0	16.9	
9 Chloroethane	64	1.014	1.014	0.000	99	100599	20.0	17.4	
10 Dichlorofluoromethane	67	1.136	1.130	0.006	99	232168	20.0	16.3	
11 Trichlorofluoromethane	101	1.148	1.154	-0.006	96	165337	20.0	16.2	
12 Pentane	72	1.166	1.166	0.000	98	46775	40.0	34.6	
14 Ethanol	46	1.331	1.270	0.061	65	24957	800.0	652.0	a
13 Ethyl ether	59	1.282	1.276	0.006	77	97647	20.0	16.9	
15 2-Methyl-1,3-butadiene	53	1.288	1.288	0.000	95	128213	20.0	16.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.300	1.307	-0.007	84	100822	20.0	17.9	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.337	1.337	0.000	60	178186	20.0	17.6	a
18 Acrolein	56	1.349	1.349	0.000	95	244051	300.0	283.1	
19 1,1-Dichloroethene	96	1.404	1.398	0.006	96	103135	20.0	17.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.441	1.429	0.012	63	112057	20.0	17.7	
21 Acetone	43	1.441	1.441	0.000	85	170113	100.0	79.2	
22 Iodomethane	142	1.477	1.477	0.000	97	182882	20.0	19.2	
23 Carbon disulfide	76	1.514	1.514	0.000	100	393930	20.0	18.4	
24 Isopropyl alcohol	45	1.550	1.563	-0.013	24	102235	200.0	179.3	a
25 3-Chloro-1-propene	39	1.605	1.605	0.000	93	166352	20.0	16.1	
26 Methyl acetate	43	1.630	1.636	-0.006	99	161743	40.0	39.6	
27 Acetonitrile	39	1.654	1.648	0.006	54	108601	200.0	211.2	a
28 Methylene Chloride	84	1.684	1.685	-0.001	98	122677	20.0	19.9	
* 29 TBA-d9 (IS)	65	1.764	1.758	0.006	0	514566	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.812	1.819	-0.007	91	159734	200.0	188.1	a
31 Acrylonitrile	53	1.843	1.843	0.000	98	425372	200.0	185.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.855	1.855	0.000	98	116261	20.0	20.9	
33 Methyl tert-butyl ether	73	1.880	1.874	0.006	98	296136	20.0	19.7	
34 Hexane	57	2.056	2.056	0.000	96	211233	20.0	20.0	
35 1,1-Dichloroethane	63	2.148	2.148	0.000	98	221995	20.0	19.3	
36 2-Chloro-1,3-butadiene	88	2.215	2.215	0.000	71	105424	20.0	21.2	
37 Vinyl acetate	86	2.215	2.215	0.000	100	36554	40.0	41.2	
38 Isopropyl ether	45	2.239	2.233	0.006	97	476088	20.0	20.2	
39 Tert-butyl ethyl ether	87	2.520	2.514	0.006	87	124987	20.0	21.0	
* 40 2-Butanone-d5	46	2.593	2.593	0.000	0	448682	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.605	2.605	0.000	90	120659	20.0	20.8	
42 2,2-Dichloropropane	79	2.605	2.605	0.000	62	56868	20.0	22.6	
43 2-Butanone (MEK)	72	2.642	2.648	-0.006	100	63051	100.0	105.6	
44 Propionitrile	54	2.690	2.684	0.006	96	166329	200.0	216.3	
45 Ethyl acetate	70	2.721	2.721	0.000	98	20491	40.0	46.3	a
46 Chlorobromomethane	128	2.800	2.800	0.000	51	53427	20.0	20.3	
47 Methacrylonitrile	67	2.818	2.812	0.006	94	423878	200.0	216.3	
48 Tetrahydrofuran	72	2.873	2.861	0.012	94	27211	40.0	48.0	
49 Chloroform	83	2.898	2.898	0.000	98	186386	20.0	20.3	
50 1,1,1-Trichloroethane	97	3.044	3.044	0.000	74	154604	20.0	20.1	
$ 51 Dibromofluoromethane (Surr)	113	3.044	3.044	0.000	97	228784	50.0	51.9	
52 Cyclohexane	84	3.099	3.099	0.000	96	188107	20.0	22.1	
53 Carbon tetrachloride	117	3.202	3.196	0.006	79	124554	20.0	20.3	
54 1,1-Dichloropropene	75	3.209	3.203	0.006	91	156753	20.0	20.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.355	3.355	0.000	0	276682	50.0	51.8	
56 Benzene	78	3.404	3.404	0.000	96	451482	20.0	19.6	
57 1,2-Dichloroethane	62	3.434	3.434	0.000	96	138734	20.0	20.1	
58 Isobutyl alcohol	42	3.483	3.489	-0.006	38	84092	500.0	444.9	a
59 Tert-amyl methyl ether	73	3.574	3.574	0.000	83	382981	20.0	21.2	
* 60 Fluorobenzene	96	3.715	3.715	0.000	98	668115	50.0	50.0	
61 n-Heptane	43	3.769	3.763	0.006	97	260058	20.0	22.7	
62 Trichloroethene	95	4.135	4.141	-0.006	95	105227	20.0	20.7	
63 n-Butanol	43	4.282	4.263	0.019	76	30612	500.0	436.9	
64 Methylcyclohexane	83	4.355	4.355	0.000	86	222067	20.0	21.6	
65 Ethyl acrylate	55	4.361	4.361	0.000	93	338310	20.0	21.8	
66 1,2-Dichloropropane	63	4.391	4.397	-0.006	94	121445	20.0	20.1	
67 Dibromomethane	93	4.544	4.544	0.000	35	54719	20.0	19.2	a
* 68 1,4-Dioxane-d8	96	4.586	4.580	0.006	0	35815	1000.0	1000.0	
69 1,4-Dioxane	88	4.641	4.647	-0.006	64	22997	400.0	426.8	M
70 Methyl methacrylate	100	4.666	4.660	0.006	91	41986	40.0	43.5	
71 Dichlorobromomethane	83	4.788	4.788	0.000	97	122673	20.0	19.3	
72 2-Nitropropane	41	5.117	5.111	0.006	98	42917	40.0	36.6	
73 2-Chloroethyl vinyl ether	63	5.287	5.294	-0.007	91	33626	20.0	19.1	
74 Epichlorohydrin	57	5.318	5.318	0.000	99	196944	400.0	409.2	
75 cis-1,3-Dichloropropene	75	5.434	5.428	0.006	96	153705	20.0	19.1	
76 4-Methyl-2-pentanone (MIBK)	43	5.732	5.739	-0.007	96	652452	100.0	101.5	a
$ 77 Toluene-d8 (Surr)	98	5.800	5.800	0.000	98	941104	50.0	50.9	
78 Toluene	91	5.903	5.897	0.006	92	443980	20.0	20.1	
79 trans-1,3-Dichloropropene	75	6.336	6.330	0.006	97	120765	20.0	18.6	
80 1,1,2-Trichloroethane	83	6.598	6.604	-0.006	89	69375	20.0	19.5	
81 Tetrachloroethene	166	6.763	6.763	0.000	97	97482	20.0	19.9	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	98	139679	20.0	19.7	
83 2-Hexanone	43	7.147	7.147	0.000	99	392898	100.0	103.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Chlorodibromomethane	129	7.220	7.226	-0.006	98	73185	20.0	19.0	
85 Ethylene Dibromide	107	7.342	7.342	0.000	97	72877	20.0	20.3	
* 86 Chlorobenzene-d5	117	8.250	8.244	0.006	89	496393	50.0	50.0	
87 Chlorobenzene	112	8.299	8.299	0.000	92	247533	20.0	19.5	
88 1,1,1,2-Tetrachloroethane	131	8.518	8.519	-0.001	94	89455	20.0	19.4	
89 Ethylbenzene	106	8.598	8.604	-0.006	99	151761	20.0	20.6	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	183673	20.0	20.3	
92 o-Xylene	106	9.561	9.555	0.006	94	192091	20.0	20.7	
93 Styrene	104	9.604	9.598	0.006	94	280746	20.0	20.2	
91 n-Butyl acrylate	73	9.768	9.768	0.000	0	65834	20.0	20.3	
94 Bromoform	173	9.847	9.848	-0.001	96	44398	20.0	19.9	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	87	212590	20.0	20.7	
96 Isopropylbenzene	105	10.280	10.280	0.000	97	481068	20.0	19.8	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	88	260973	50.0	52.3	
98 Bromobenzene	156	10.664	10.671	-0.007	94	104128	20.0	19.2	
99 1,2,3-Trichloropropane	110	10.866	10.872	-0.006	97	29571	20.0	19.2	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.884	0.000	98	118988	20.0	19.1	
101 trans-1,4-Dichloro-2-butene	53	10.981	10.988	-0.007	83	33587	20.0	19.0	
102 N-Propylbenzene	120	11.006	11.012	-0.006	99	133705	20.0	20.4	
103 2-Chlorotoluene	126	11.061	11.067	-0.006	98	110728	20.0	19.7	
104 4-Ethyltoluene	105	11.231	11.232	-0.001	98	485074	20.0	20.8	
105 4-Chlorotoluene	91	11.268	11.274	-0.006	99	397492	20.0	20.0	
106 1,3,5-Trimethylbenzene	105	11.359	11.360	-0.001	92	412064	20.0	19.6	
107 tert-Butylbenzene	119	11.902	11.908	-0.006	93	321925	20.0	19.2	
108 1,2,4-Trimethylbenzene	105	12.000	12.006	-0.006	98	431325	20.0	20.3	
109 sec-Butylbenzene	105	12.347	12.347	0.000	99	543935	20.0	20.0	
110 1,3-Dichlorobenzene	146	12.432	12.439	-0.007	95	212301	20.0	20.1	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	277031	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	94	211506	20.0	19.8	
113 4-Isopropyltoluene	119	12.688	12.695	-0.007	97	446570	20.0	19.9	
114 1,2,3-Trimethylbenzene	105	12.780	12.786	-0.006	100	439087	20.0	20.0	
115 Benzyl chloride	126	12.896	12.896	0.000	97	34611	20.0	20.5	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	418015	20.0	21.6	
117 1,2-Dichlorobenzene	146	13.133	13.134	-0.001	94	212495	20.0	18.9	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	239154	20.0	20.4	
119 n-Butylbenzene	92	13.231	13.231	0.000	97	262004	20.0	19.5	
120 1,2-Dibromo-3-Chloropropane	157	13.883	13.883	0.000	88	20925	20.0	19.4	
121 1,2,4,5-Tetramethylbenzene	119	13.902	13.908	-0.006	97	439999	20.0	20.3	
122 1,3,5-Trichlorobenzene	180	14.048	14.048	0.000	94	174830	20.0	19.3	
123 1,2,4-Trichlorobenzene	180	14.481	14.487	-0.006	94	156440	20.0	20.2	
124 Hexachlorobutadiene	225	14.615	14.621	-0.006	96	80030	20.0	18.0	
125 Naphthalene	128	14.627	14.633	-0.006	98	371812	20.0	20.5	
126 1,2,3-Trichlorobenzene	180	14.786	14.792	-0.006	96	154005	20.0	19.9	
S 127 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 128 1,3-Dichloropropene, Total	100				0		40.0	37.7	
S 129 Xylenes, Total	100				0		40.0	41.0	
S 130 Total BTEX	1				0		100.0	101.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 12:37:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628604.D

Injection Date: 28-Aug-2020 17:45:30 Instrument ID: CVOAMS2 Operator ID:

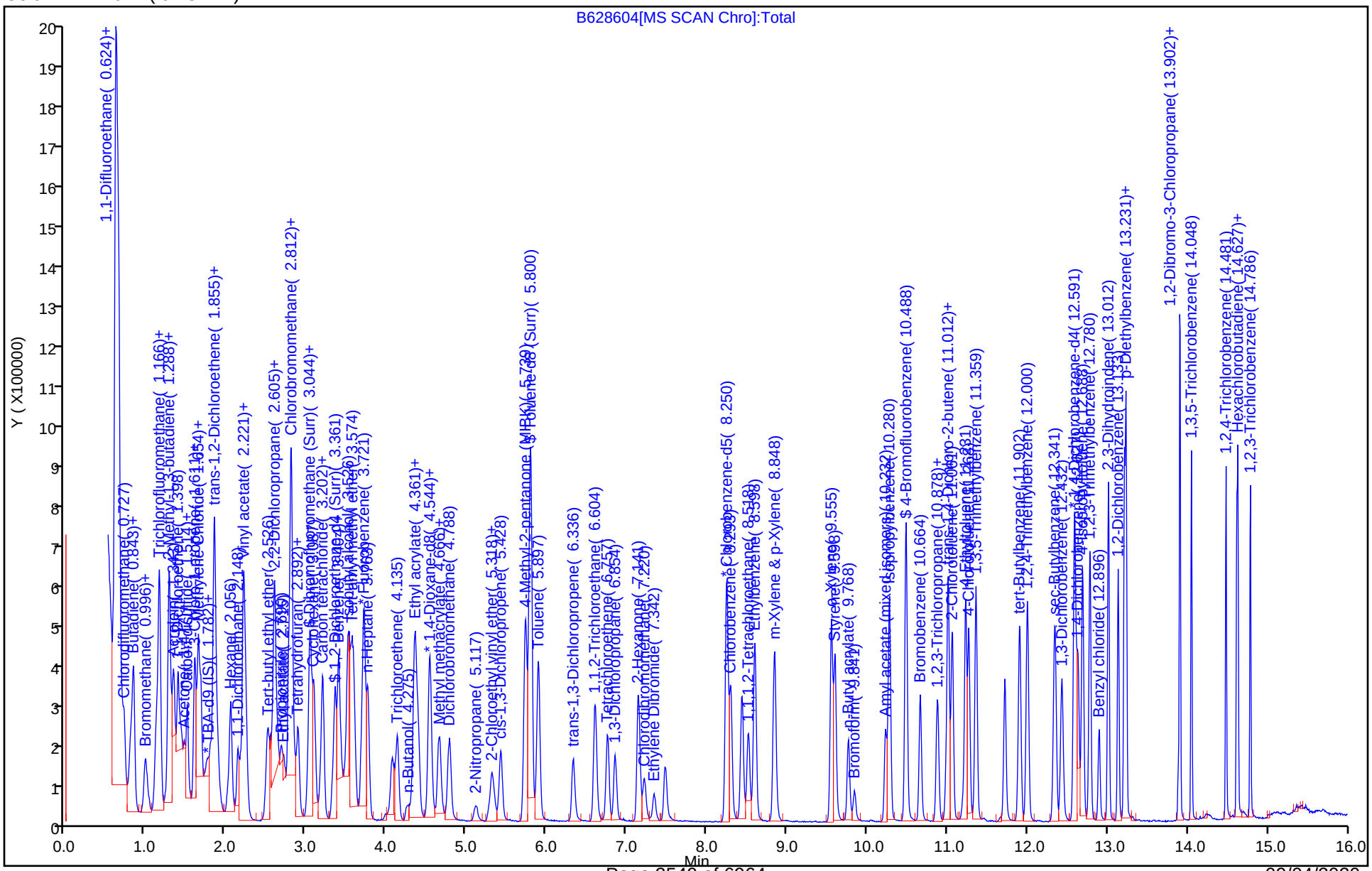
Lims ID: LCS Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

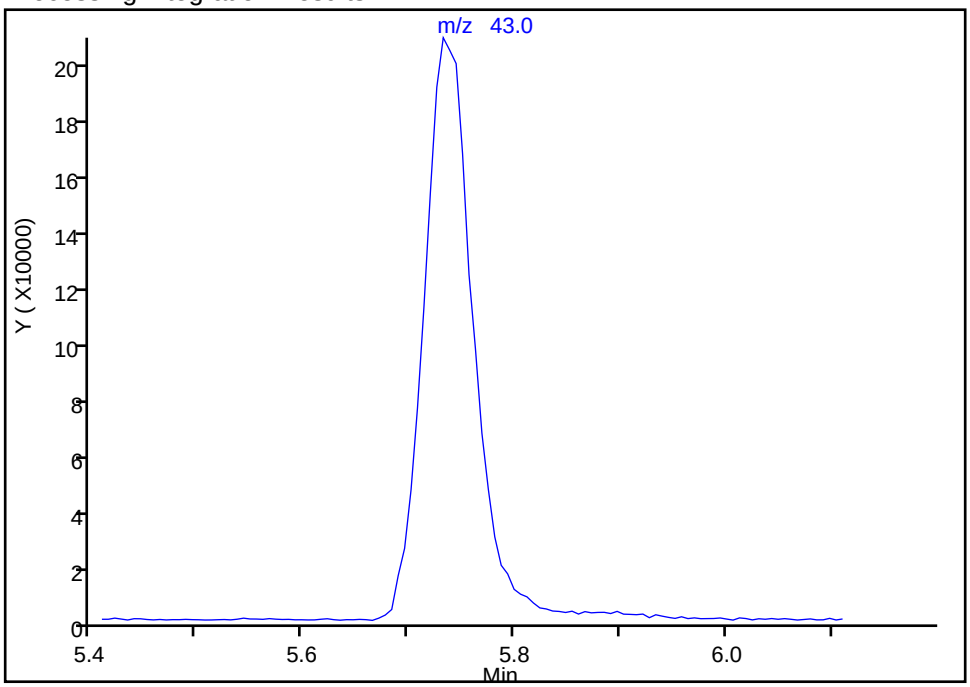
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628604.D
Injection Date: 28-Aug-2020 17:45:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

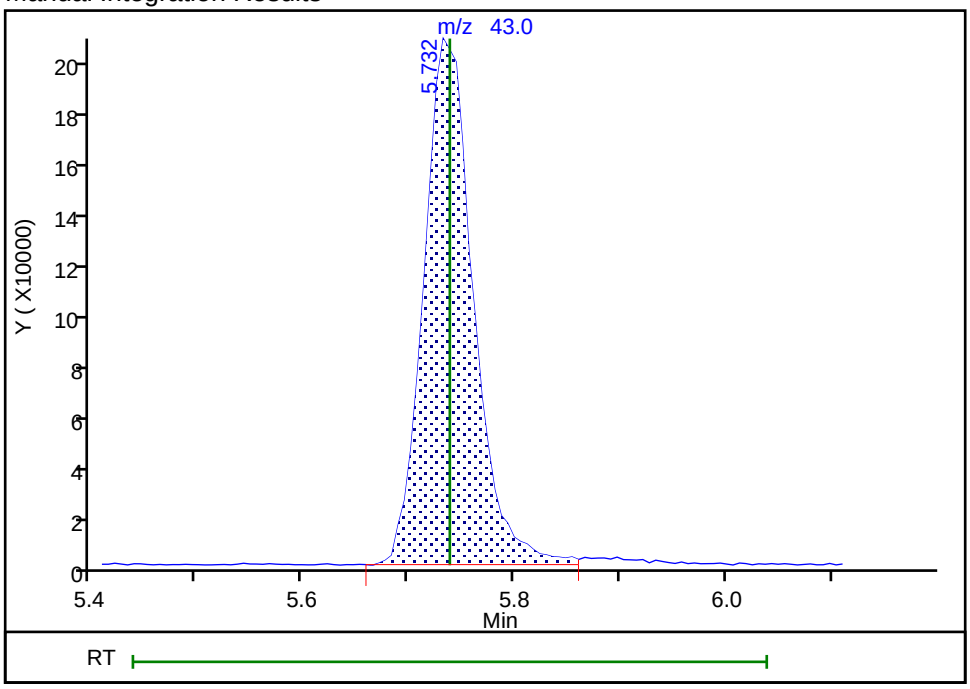
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 652452
Amount: 101.5268
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 18:10:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

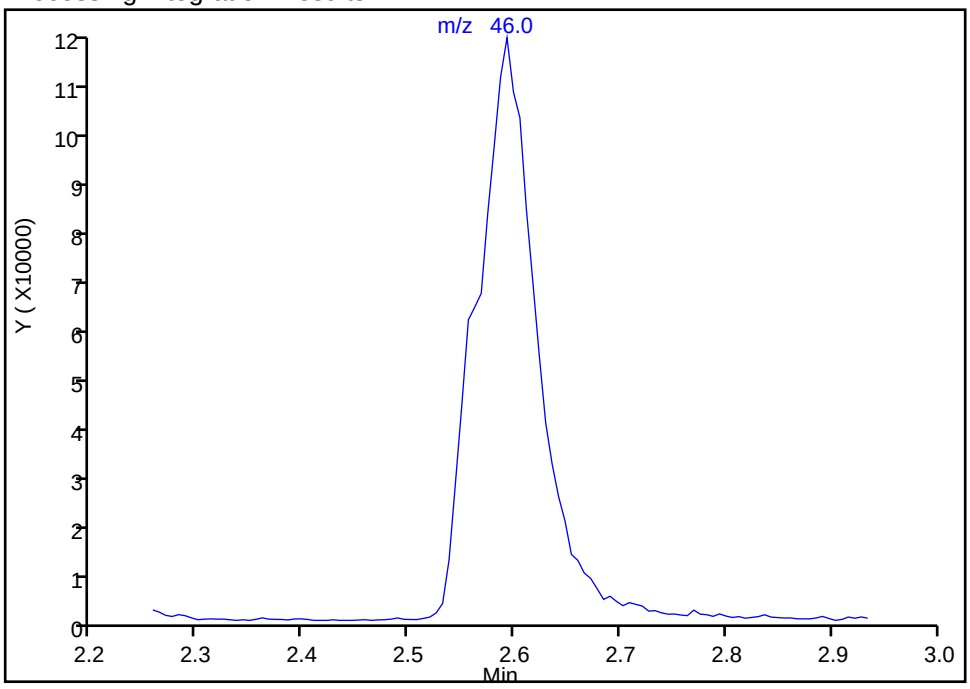
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628604.D
Injection Date: 28-Aug-2020 17:45:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

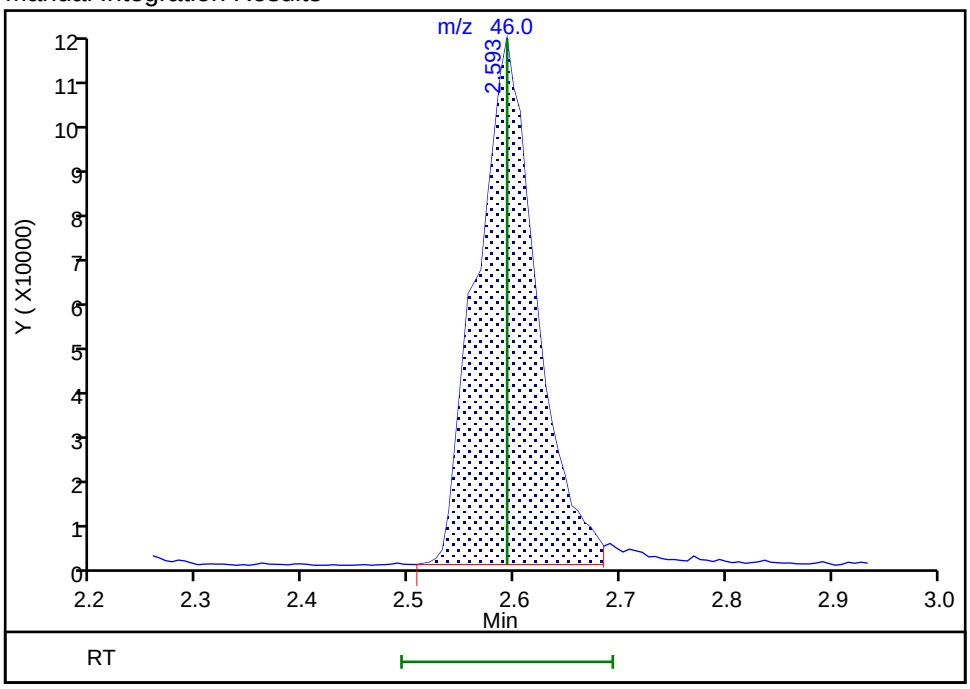
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 448682
Amount: 250.0000
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 18:10:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720465/3

Matrix: Solid Lab File ID: B62632.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0207		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0194		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0191		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0198		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0197		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0187		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0200		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0209		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0180		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0200		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0204		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0203		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0204		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0201		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.101		0.0050	0.0027
591-78-6	2-Hexanone	0.102		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0988		0.0050	0.0016
67-64-1	Acetone	0.0960		0.0060	0.0057
71-43-2	Benzene	0.0207		0.0010	0.00026
75-25-2	Bromoform	0.0179		0.0010	0.00043
74-83-9	Bromomethane	0.0191		0.0010	0.00047
75-15-0	Carbon disulfide	0.0192		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0213		0.0010	0.00039
108-90-7	Chlorobenzene	0.0203		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0210		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0180		0.0010	0.00019
75-00-3	Chloroethane	0.0202		0.0010	0.00052
67-66-3	Chloroform	0.0209		0.0010	0.00032
74-87-3	Chloromethane	0.0190		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0212		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0185		0.0010	0.00027
110-82-7	Cyclohexane	0.0228		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0191		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0201		0.0010	0.00034
100-41-4	Ethylbenzene	0.0210		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720465/3

Matrix: Solid Lab File ID: B62632.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 05:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0187		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0212		0.0010	0.00013
79-20-9	Methyl acetate	0.0446		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0203		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0227		0.0010	0.00050
75-09-2	Methylene Chloride	0.0204		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0199		0.0010	0.00017
95-47-6	o-Xylene	0.0196		0.0010	0.00019
100-42-5	Styrene	0.0202		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0209		0.0010	0.00014
108-88-3	Toluene	0.0201		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0205		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0187		0.0010	0.00027
79-01-6	Trichloroethene	0.0206		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0194		0.0010	0.00041
75-01-4	Vinyl chloride	0.0205		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0395		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		77-145
460-00-4	4-Bromofluorobenzene	92		79-125
1868-53-7	Dibromofluoromethane (Surr)	94		48-150
2037-26-5	Toluene-d8 (Surr)	88		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62632.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 29-Aug-2020 05:36:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0115948-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:10:02 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:27:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.636	0.636	0.000	39	12953	20.0	28.9	a
2 1,1-Difluoroethane	51	0.685	0.685	0.000	87	151817	20.0	28.1	
3 Dichlorodifluoromethane	85	0.709	0.709	0.000	63	164866	20.0	20.1	
4 Chlorodifluoromethane	51	0.715	0.715	0.000	63	179797	20.0	19.6	
5 Chloromethane	50	0.794	0.794	0.000	100	267076	20.0	19.0	
6 Butadiene	54	0.831	0.831	0.000	93	180571	20.0	19.3	
7 Vinyl chloride	62	0.837	0.837	0.000	98	194433	20.0	20.5	
8 Bromomethane	94	0.977	0.977	0.000	99	118810	20.0	19.1	
9 Chloroethane	64	1.008	1.008	0.000	100	105258	20.0	20.2	
10 Dichlorofluoromethane	67	1.111	1.111	0.000	98	248123	20.0	19.4	
11 Trichlorofluoromethane	101	1.142	1.142	0.000	54	178157	20.0	19.4	
12 Pentane	72	1.160	1.160	0.000	96	41561	40.0	34.1	
13 Ethyl ether	59	1.270	1.270	0.000	55	85096	20.0	16.4	
14 Ethanol	46	1.264	1.264	0.000	41	27119	800.0	806.4	
15 2-Methyl-1,3-butadiene	53	1.276	1.276	0.000	90	114463	20.0	16.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.294	1.294	0.000	76	96341	20.0	19.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.325	1.325	0.000	59	172979	20.0	18.9	a
18 Acrolein	56	1.331	1.331	0.000	95	211072	300.0	278.7	
19 1,1-Dichloroethene	96	1.386	1.386	0.000	95	98044	20.0	18.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.410	1.410	0.000	74	109097	20.0	19.1	
21 Acetone	43	1.422	1.422	0.000	67	186195	100.0	96.0	
22 Iodomethane	142	1.465	1.465	0.000	97	180490	20.0	21.0	
23 Carbon disulfide	76	1.502	1.502	0.000	99	369621	20.0	19.2	
24 Isopropyl alcohol	45	1.538	1.538	0.000	40	104823	200.0	209.3	
25 3-Chloro-1-propene	39	1.593	1.593	0.000	93	165634	20.0	17.8	
26 Methyl acetate	43	1.617	1.617	0.000	99	164478	40.0	44.6	
27 Acetonitrile	39	1.636	1.636	0.000	26	84301	200.0	186.6	a
28 Methylene Chloride	84	1.672	1.672	0.000	98	113178	20.0	20.4	
* 29 TBA-d9 (IS)	65	1.758	1.758	0.000	0	452052	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.812	1.812	0.000	31	143885	200.0	192.9	a
31 Acrylonitrile	53	1.831	1.831	0.000	95	387337	200.0	192.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.843	1.843	0.000	98	103107	20.0	20.5	
33 Methyl tert-butyl ether	73	1.867	1.867	0.000	58	274672	20.0	20.3	
34 Hexane	57	2.044	2.044	0.000	94	190708	20.0	20.0	
35 1,1-Dichloroethane	63	2.136	2.136	0.000	98	203954	20.0	19.7	
36 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	63	97243	20.0	21.7	
37 Vinyl acetate	86	2.203	2.203	0.000	100	31784	40.0	39.6	
38 Isopropyl ether	45	2.221	2.221	0.000	92	428103	20.0	20.1	
39 Tert-butyl ethyl ether	87	2.507	2.507	0.000	87	116431	20.0	21.7	
* 40 2-Butanone-d5	46	2.574	2.574	0.000	0	405557	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.593	2.593	0.000	91	110552	20.0	21.2	
42 2,2-Dichloropropane	79	2.599	2.599	0.000	64	49492	20.0	21.9	
43 2-Butanone (MEK)	72	2.623	2.623	0.000	98	54475	100.0	101.0	
44 Propionitrile	54	2.672	2.672	0.000	96	147459	200.0	212.2	
45 Ethyl acetate	70	2.709	2.709	0.000	98	18376	40.0	45.9	a
46 Chlorobromomethane	128	2.794	2.794	0.000	51	49873	20.0	21.0	
47 Methacrylonitrile	67	2.800	2.800	0.000	95	382089	200.0	216.5	
48 Tetrahydrofuran	72	2.855	2.855	0.000	82	24797	40.0	48.4	
49 Chloroform	83	2.885	2.885	0.000	97	172816	20.0	20.9	
$ 51 Dibromofluoromethane (Surr)	113	3.032	3.032	0.000	96	186721	50.0	47.0	
50 1,1,1-Trichloroethane	97	3.038	3.038	0.000	80	143827	20.0	20.7	
52 Cyclohexane	84	3.080	3.080	0.000	97	174883	20.0	22.8	
53 Carbon tetrachloride	117	3.190	3.190	0.000	77	117587	20.0	21.3	
54 1,1-Dichloropropene	75	3.190	3.190	0.000	91	147247	20.0	21.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.343	3.343	0.000	0	216490	50.0	45.0	
56 Benzene	78	3.391	3.391	0.000	97	425744	20.0	20.7	
57 1,2-Dichloroethane	62	3.422	3.422	0.000	97	126898	20.0	20.4	
58 Isobutyl alcohol	42	3.477	3.477	0.000	68	81856	500.0	492.9	a
59 Tert-amyl methyl ether	73	3.562	3.562	0.000	89	349926	20.0	21.5	a
* 60 Fluorobenzene	96	3.702	3.702	0.000	98	601929	50.0	50.0	
61 n-Heptane	43	3.751	3.751	0.000	97	236884	20.0	23.0	
62 Trichloroethene	95	4.129	4.129	0.000	96	94633	20.0	20.6	
63 n-Butanol	43	4.251	4.251	0.000	1	22678	500.0	369.7	Ma
64 Methylcyclohexane	83	4.342	4.342	0.000	90	210685	20.0	22.7	
65 Ethyl acrylate	55	4.355	4.355	0.000	93	305133	20.0	21.8	
66 1,2-Dichloropropane	63	4.385	4.385	0.000	92	110840	20.0	20.3	
67 Dibromomethane	93	4.531	4.531	0.000	37	51934	20.0	20.2	
* 68 1,4-Dioxane-d8	96	4.580	4.580	0.000	0	34567	1000.0	1000.0	
69 1,4-Dioxane	88	4.629	4.629	0.000	35	23424	400.0	450.5	
70 Methyl methacrylate	100	4.653	4.653	0.000	91	39192	40.0	45.1	
71 Dichlorobromomethane	83	4.781	4.781	0.000	97	109234	20.0	19.1	
72 2-Nitropropane	41	5.104	5.104	0.000	96	34288	40.0	32.4	
73 2-Chloroethyl vinyl ether	63	5.275	5.275	0.000	67	22115	20.0	14.0	
74 Epichlorohydrin	57	5.324	5.324	0.000	99	172116	400.0	395.6	
75 cis-1,3-Dichloropropene	75	5.415	5.415	0.000	97	132947	20.0	18.5	
76 4-Methyl-2-pentanone (MIBK)	43	5.732	5.732	0.000	97	573863	100.0	98.8	a
$ 77 Toluene-d8 (Surr)	98	5.793	5.793	0.000	97	724555	50.0	43.8	
78 Toluene	91	5.891	5.891	0.000	93	397195	20.0	20.1	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	97	108812	20.0	18.7	
80 1,1,2-Trichloroethane	83	6.592	6.592	0.000	93	63045	20.0	19.8	
81 Tetrachloroethene	166	6.763	6.763	0.000	97	91776	20.0	20.9	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	97	129420	20.0	20.4	
83 2-Hexanone	43	7.135	7.135	0.000	99	349516	100.0	102.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Chlorodibromomethane	129	7.220	7.220	0.000	96	62236	20.0	18.0	
85 Ethylene Dibromide	107	7.336	7.336	0.000	99	60216	20.0	18.7	
* 86 Chlorobenzene-d5	117	8.238	8.238	0.000	89	444184	50.0	50.0	
87 Chlorobenzene	112	8.293	8.293	0.000	92	230049	20.0	20.3	
88 1,1,1,2-Tetrachloroethane	131	8.518	8.518	0.000	93	80535	20.0	19.5	
89 Ethylbenzene	106	8.598	8.598	0.000	99	138395	20.0	21.0	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	160944	20.0	19.9	
92 o-Xylene	106	9.555	9.555	0.000	92	162986	20.0	19.6	
93 Styrene	104	9.598	9.598	0.000	96	250377	20.0	20.2	
91 n-Butyl acrylate	73	9.762	9.762	0.000	0	58819	20.0	20.2	
94 Bromoform	173	9.841	9.841	0.000	95	35640	20.0	17.9	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	87	177513	20.0	19.7	
96 Isopropylbenzene	105	10.280	10.280	0.000	96	461424	20.0	21.2	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	87	200831	50.0	45.9	
98 Bromobenzene	156	10.664	10.664	0.000	96	93921	20.0	19.7	
99 1,2,3-Trichloropropane	110	10.878	10.878	0.000	97	26854	20.0	19.9	
100 1,1,2,2-Tetrachloroethane	83	10.878	10.878	0.000	98	105997	20.0	19.4	
101 trans-1,4-Dichloro-2-butene	53	10.987	10.987	0.000	82	28426	20.0	18.3	
102 N-Propylbenzene	120	11.012	11.012	0.000	98	119904	20.0	20.8	
103 2-Chlorotoluene	126	11.061	11.061	0.000	98	102019	20.0	20.7	
104 4-Ethyltoluene	105	11.231	11.231	0.000	99	429498	20.0	21.0	
105 4-Chlorotoluene	91	11.268	11.268	0.000	98	354755	20.0	20.3	
106 1,3,5-Trimethylbenzene	105	11.359	11.359	0.000	92	377303	20.0	20.5	
107 tert-Butylbenzene	119	11.908	11.908	0.000	92	292844	20.0	20.0	
108 1,2,4-Trimethylbenzene	105	11.999	11.999	0.000	98	378728	20.0	20.3	
109 sec-Butylbenzene	105	12.347	12.347	0.000	99	498553	20.0	20.9	
110 1,3-Dichlorobenzene	146	12.432	12.432	0.000	94	188268	20.0	20.4	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	242931	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.634	12.634	0.000	93	187507	20.0	20.1	
113 4-Isopropyltoluene	119	12.688	12.688	0.000	97	406755	20.0	20.6	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	99	388480	20.0	20.2	
115 Benzyl chloride	126	12.896	12.896	0.000	97	28221	20.0	19.0	
116 2,3-Dihydroindene	117	13.011	13.011	0.000	94	368432	20.0	21.2	
117 1,2-Dichlorobenzene	146	13.140	13.140	0.000	95	196808	20.0	20.0	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	216242	20.0	21.1	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	237742	20.0	20.1	
120 1,2-Dibromo-3-Chloropropane	157	13.889	13.889	0.000	84	17094	20.0	18.0	
121 1,2,4,5-Tetramethylbenzene	119	13.902	13.902	0.000	97	389411	20.0	20.5	
122 1,3,5-Trichlorobenzene	180	14.048	14.048	0.000	95	156006	20.0	19.6	
123 1,2,4-Trichlorobenzene	180	14.481	14.481	0.000	93	142354	20.0	20.9	
124 Hexachlorobutadiene	225	14.615	14.615	0.000	95	71319	20.0	18.2	
125 Naphthalene	128	14.627	14.627	0.000	99	317634	20.0	19.9	
126 1,2,3-Trichlorobenzene	180	14.786	14.786	0.000	95	135447	20.0	20.0	
S 127 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 128 1,3-Dichloropropene, Total	100				0		40.0	37.2	
S 129 Xylenes, Total	100				0		40.0	39.5	
S 130 Total BTEX	1				0		100.0	101.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 10:10:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62632.D

Injection Date: 29-Aug-2020 05:36:30 Instrument ID: CVOAMS2 Operator ID:

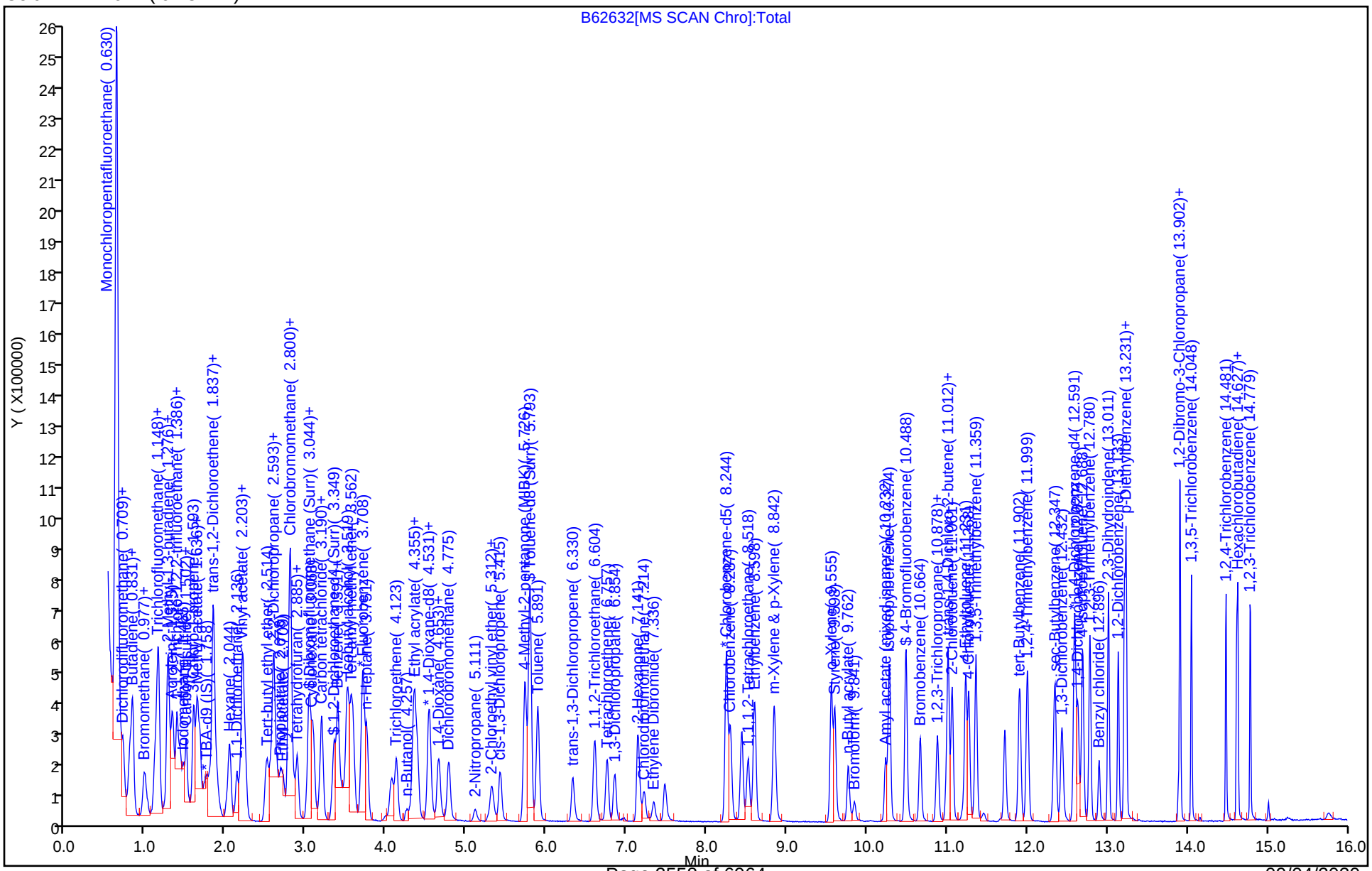
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

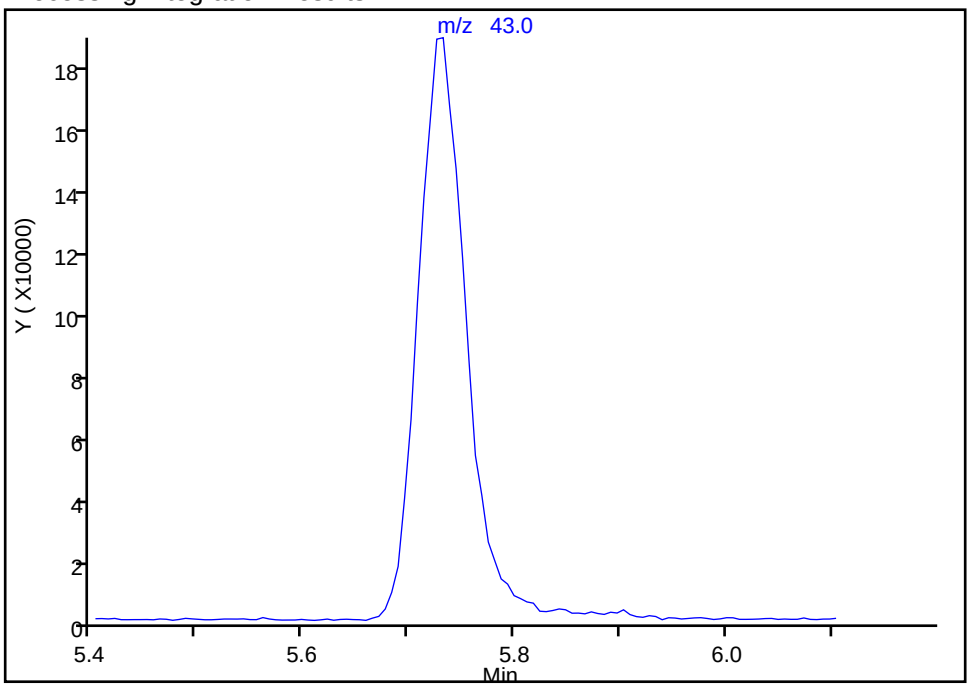
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62632.D
Injection Date: 29-Aug-2020 05:36:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

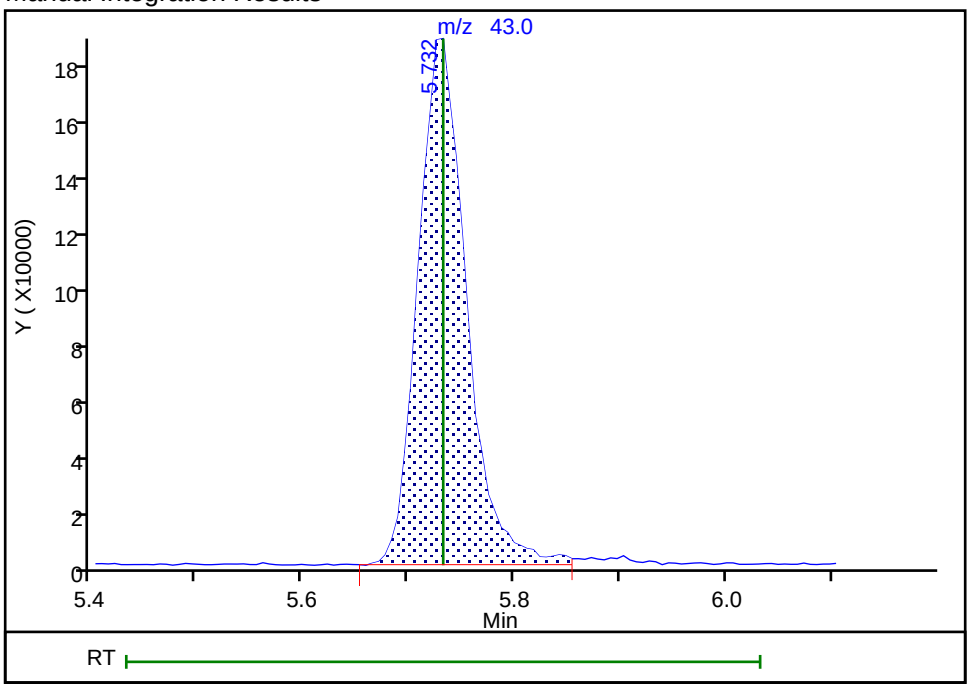
Not Detected
Expected RT: 5.73

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 573863
Amount: 98.793171
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:56:18
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

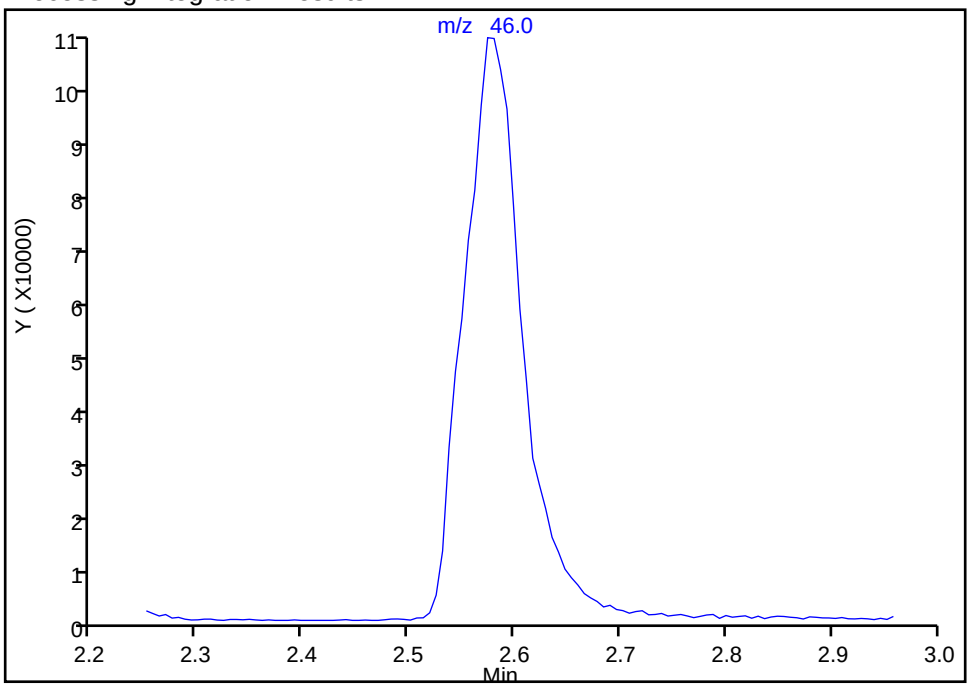
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62632.D
Injection Date: 29-Aug-2020 05:36:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

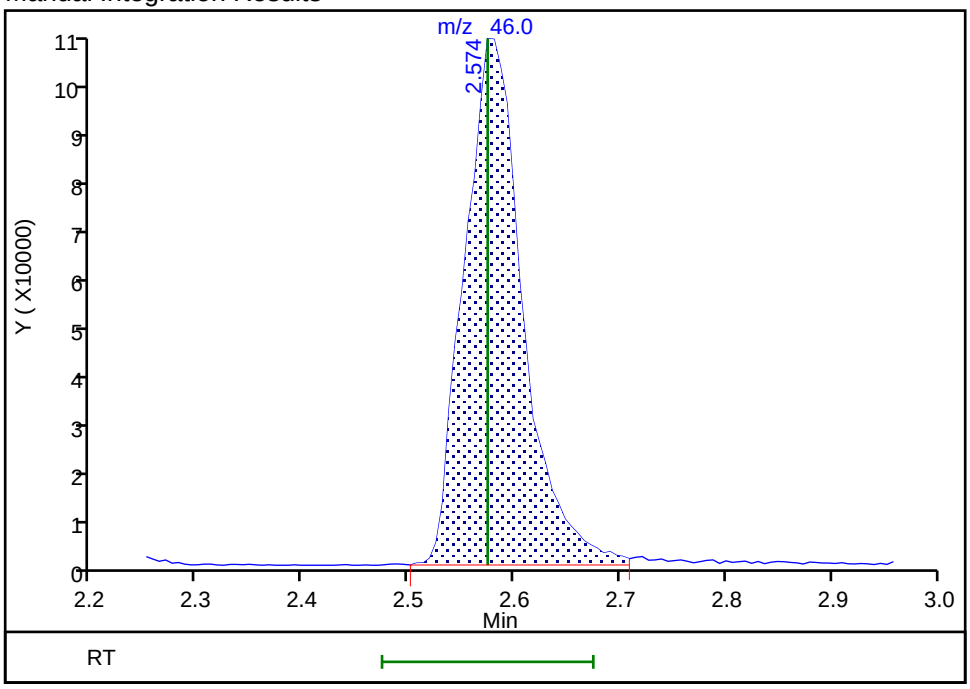
Not Detected
Expected RT: 2.57

Processing Integration Results



Manual Integration Results

RT: 2.57
Area: 405557
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 05:54:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720508/3

Matrix: Solid Lab File ID: K18574.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 10:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0240		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0196		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0269		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0205		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0222		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0243		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0218		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0230		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0210		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0214		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0202		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0207		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0222		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0221		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0962		0.0050	0.0027
591-78-6	2-Hexanone	0.105		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.104		0.0050	0.0016
67-64-1	Acetone	0.0939		0.0060	0.0057
71-43-2	Benzene	0.0226		0.0010	0.00026
75-25-2	Bromoform	0.0189		0.0010	0.00043
74-83-9	Bromomethane	0.0211		0.0010	0.00047
75-15-0	Carbon disulfide	0.0226		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0240		0.0010	0.00039
108-90-7	Chlorobenzene	0.0216		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0213		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0190		0.0010	0.00019
75-00-3	Chloroethane	0.0221		0.0010	0.00052
67-66-3	Chloroform	0.0219		0.0010	0.00032
74-87-3	Chloromethane	0.0231		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0216		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0207		0.0010	0.00027
110-82-7	Cyclohexane	0.0264		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0196		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0254		0.0010	0.00034
100-41-4	Ethylbenzene	0.0226		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720508/3

Matrix: Solid Lab File ID: K18574.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 10:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0208		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0235		0.0010	0.00013
79-20-9	Methyl acetate	0.0348		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0207		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0271		0.0010	0.00050
75-09-2	Methylene Chloride	0.0186		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0223		0.0010	0.00017
95-47-6	o-Xylene	0.0217		0.0010	0.00019
100-42-5	Styrene	0.0221		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0234		0.0010	0.00014
108-88-3	Toluene	0.0221		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0236		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0206		0.0010	0.00027
79-01-6	Trichloroethene	0.0225		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0250		0.0010	0.00041
75-01-4	Vinyl chloride	0.0241		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0440		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18574.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 29-Aug-2020 10:18:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0115966-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:49:48 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: starzecm Date: 29-Aug-2020 11:57:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.145	1.145	0.000	69	125527	20.0	25.4	
6 Chloromethane	50	1.259	1.259	0.000	99	160745	20.0	23.1	
7 Butadiene	54	1.298	1.292	0.006	98	106736	20.0	24.7	
8 Vinyl chloride	62	1.325	1.325	0.000	97	115214	20.0	24.1	
9 Bromomethane	94	1.505	1.505	0.000	98	69516	20.0	21.1	
10 Chloroethane	64	1.543	1.532	0.011	100	54504	20.0	22.1	
11 Dichlorofluoromethane	67	1.680	1.679	0.001	99	136393	20.0	22.3	
13 Pentane	72	1.729	1.728	0.001	96	25368	40.0	44.2	
12 Trichlorofluoromethane	101	1.723	1.734	-0.011	49	115524	20.0	25.0	a
15 Ethyl ether	59	1.849	1.854	-0.005	92	51313	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	1.871	1.870	0.001	91	83527	20.0	28.2	
19 Acrolein	56	1.942	1.947	-0.005	96	144602	300.0	274.9	
14 Ethanol	46	1.865	1.947	-0.082	69	21535	800.0	775.0	M
21 1,1-Dichloroethene	96	2.018	2.018	0.000	97	70284	20.0	24.3	
20 112TCTFE	101	2.051	2.050	0.001	95	79224	20.0	26.9	
22 Acetone	43	2.045	2.061	-0.016	87	115645	100.0	93.9	
23 Iodomethane	142	2.127	2.132	-0.005	98	132430	20.0	21.3	
24 Isopropyl alcohol	45	2.160	2.176	-0.016	94	77707	200.0	171.2	
25 Carbon disulfide	76	2.182	2.176	0.006	99	292676	20.0	22.6	M
26 3-Chloro-1-propene	39	2.253	2.252	0.001	86	107104	20.0	23.2	a
27 Methyl acetate	43	2.269	2.274	-0.005	100	108739	40.0	34.8	
29 Acetonitrile	41	2.296	2.290	0.006	40	59441	200.0	161.4	M
28 Cyclopentene	67	2.318	2.318	0.000	95	209755	20.0	25.0	
31 Methylene Chloride	84	2.345	2.345	0.000	96	81352	20.0	18.6	
* 30 TBA-d9 (IS)	65	2.405	2.421	-0.016	98	419557	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.465	2.481	-0.016	83	110916	200.0	178.9	
35 Acrylonitrile	53	2.514	2.520	-0.006	95	290956	200.0	220.7	
34 trans-1,2-Dichloroethene	96	2.542	2.541	0.001	97	77317	20.0	23.6	
33 Methyl tert-butyl ether	73	2.564	2.563	0.001	97	181721	20.0	20.7	
36 Hexane	43	2.749	2.749	0.000	93	76698	20.0	25.4	
38 1,1-Dichloroethane	63	2.853	2.858	-0.005	99	142819	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.891	2.902	-0.011	100	22877	40.0	24.9	
37 Isopropyl ether	45	2.924	2.929	-0.005	87	251464	20.0	21.4	
40 2-Chloro-1,3-butadiene	88	2.929	2.934	-0.005	88	73107	20.0	24.3	
41 Tert-butyl ethyl ether	59	3.224	3.224	0.000	88	240876	20.0	23.0	
* 42 2-Butanone-d5	46	3.295	3.311	-0.016	91	289356	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.333	3.338	-0.005	95	84531	20.0	21.6	
43 2,2-Dichloropropane	79	3.349	3.344	0.005	65	37893	20.0	23.5	
46 2-Butanone (MEK)	72	3.349	3.354	-0.005	99	41390	100.0	96.2	
48 Propionitrile	54	3.398	3.409	-0.011	96	119980	200.0	179.0	a
45 Ethyl acetate	70	3.409	3.415	-0.005	99	15035	40.0	40.4	
47 Methyl acrylate	55	3.426	3.442	-0.016	99	79227	20.0	23.7	
51 Methacrylonitrile	67	3.529	3.535	-0.006	93	295138	200.0	224.6	
50 Chlorobromomethane	128	3.540	3.540	0.000	93	39949	20.0	21.3	
49 Tetrahydrofuran	72	3.595	3.600	-0.005	81	19920	40.0	41.7	
52 Chloroform	83	3.611	3.616	-0.005	99	133646	20.0	21.9	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	97	175036	50.0	52.7	
54 1,1,1-Trichloroethane	97	3.791	3.791	0.000	98	117429	20.0	24.0	
53 Cyclohexane	84	3.851	3.846	0.005	93	129639	20.0	26.4	
57 1,1-Dichloropropene	75	3.928	3.938	-0.010	97	105811	20.0	23.5	
56 Carbon tetrachloride	117	3.944	3.949	-0.005	99	100078	20.0	24.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.070	4.075	-0.006	0	178730	50.0	52.3	
58 Isobutyl alcohol	74	4.113	4.129	-0.016	96	25999	500.0	353.4	
60 Benzene	78	4.130	4.135	-0.005	95	298544	20.0	22.6	
64 1,2-Dichloroethane	62	4.140	4.151	-0.011	97	87471	20.0	20.2	
59 Isooctane	57	4.222	4.222	0.000	96	367862	20.0	28.8	
62 Isopropyl acetate	43	4.233	4.238	-0.005	94	285514	20.0	22.6	a
63 Tert-amyl methyl ether	87	4.255	4.260	-0.005	94	59714	20.0	21.2	
* 66 Fluorobenzene	96	4.402	4.413	-0.011	98	487728	50.0	50.0	
65 n-Heptane	57	4.408	4.418	-0.010	95	83584	20.0	13.6	
68 n-Butanol	56	4.768	4.751	0.017	92	58712	500.0	362.8	
69 Trichloroethene	95	4.790	4.795	-0.005	99	70089	20.0	22.5	
70 Ethyl acrylate	56	4.926	4.920	0.006	98	9371	20.0	19.5	
71 Methylcyclohexane	83	5.013	5.008	0.005	95	156977	20.0	27.1	
72 1,2-Dichloropropane	63	5.024	5.035	-0.011	90	69290	20.0	20.7	
77 Dibromomethane	93	5.150	5.161	-0.011	97	39341	20.0	20.1	
74 Methyl methacrylate	69	5.188	5.182	0.006	94	72711	40.0	41.2	
75 1,4-Dioxane	88	5.199	5.199	0.000	81	19585	400.0	403.9	
* 73 1,4-Dioxane-d8	96	5.139	5.210	-0.071	99	35237	1000.0	1000.0	
76 n-Propyl acetate	43	5.270	5.270	0.000	99	82832	20.0	20.4	
78 Dichlorobromomethane	83	5.346	5.357	-0.011	99	80143	20.0	19.6	
79 2-Nitropropane	41	5.614	5.613	0.001	99	25008	40.0	35.0	
67 2-Chloroethyl vinyl ether	63	5.728	5.723	0.005	94	14687	20.0	27.5	
80 Epichlorohydrin	57	5.783	5.777	0.006	100	123176	400.0	406.2	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	89746	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.115	-0.005	97	347912	100.0	103.8	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	550091	50.0	52.8	
84 Toluene	91	6.301	6.301	0.000	94	257707	20.0	22.1	
85 trans-1,3-Dichloropropene	75	6.607	6.606	0.001	97	72646	20.0	20.6	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	66575	20.0	20.5	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	96	39491	20.0	20.5	
88 Tetrachloroethene	166	7.021	7.021	0.000	98	63408	20.0	23.4	
89 1,3-Dichloropropane	76	7.060	7.065	-0.005	95	76449	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.234	7.234	0.000	97	202394	100.0	104.8	
92 Chlorodibromomethane	129	7.365	7.370	-0.005	99	49882	20.0	19.0	
91 n-Butyl acetate	43	7.458	7.452	0.006	98	91541	20.0	21.8	
93 Ethylene Dibromide	107	7.496	7.496	0.000	99	45653	20.0	20.8	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	329691	50.0	50.0	
95 Chlorobenzene	112	8.233	8.232	0.001	94	152687	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	63595	20.0	19.9	
96 Ethylbenzene	106	8.435	8.434	0.001	99	88278	20.0	22.6	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	109083	20.0	22.3	
100 o-Xylene	106	9.220	9.220	0.000	93	113472	20.0	21.7	
101 Styrene	104	9.242	9.247	-0.005	95	167188	20.0	22.1	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	44771	20.0	22.0	
103 Bromoform	173	9.482	9.487	-0.005	97	33663	20.0	18.9	
102 Amyl acetate (mixed isomers)	43	9.673	9.678	-0.005	89	106317	20.0	20.4	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	315289	20.0	23.5	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	94	167229	50.0	53.7	
106 Bromobenzene	156	10.235	10.235	0.000	99	66130	20.0	20.3	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	72983	20.0	19.6	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	99	18058	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	89	17552	20.0	21.5	
108 N-Propylbenzene	91	10.497	10.502	-0.005	99	370888	20.0	23.2	
111 2-Chlorotoluene	91	10.584	10.590	-0.006	96	214232	20.0	21.9	
112 4-Ethyltoluene	105	10.699	10.704	-0.005	99	297179	20.0	23.7	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	202954	20.0	21.6	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	93	262423	20.0	21.7	
115 Butyl Methacrylate	87	11.081	11.086	-0.005	92	77314	20.0	20.2	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	202902	20.0	17.2	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	267117	20.0	21.6	
118 sec-Butylbenzene	105	11.637	11.643	-0.006	99	354009	20.0	23.4	
120 1,3-Dichlorobenzene	146	11.730	11.730	0.000	97	134715	20.0	22.2	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.828	-0.005	96	189317	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.850	11.856	-0.006	92	132877	20.0	22.1	
119 4-Isopropyltoluene	119	11.856	11.856	0.000	98	299364	20.0	23.4	
123 1,2,3-Trimethylbenzene	105	11.949	11.954	-0.006	99	286094	20.0	22.3	
124 Benzyl chloride	91	12.047	12.052	-0.005	98	118623	20.0	22.4	
125 2,3-Dihydroindene	117	12.172	12.177	-0.005	95	258282	20.0	21.9	
128 1,2-Dichlorobenzene	146	12.303	12.308	-0.005	96	141139	20.0	21.4	
126 p-Diethylbenzene	119	12.336	12.341	-0.005	91	165127	20.0	25.7	a
127 n-Butylbenzene	92	12.358	12.363	-0.005	98	171307	20.0	25.8	
130 1,2-Dibromo-3-Chloropropane	157	13.171	13.181	-0.010	92	18267	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	13.182	13.187	-0.005	98	314785	20.0	24.2	
131 1,3,5-Trichlorobenzene	180	13.389	13.400	-0.011	98	141543	20.0	25.3	
132 1,2,4-Trichlorobenzene	180	13.973	13.983	-0.010	94	132568	20.0	23.0	
133 Hexachlorobutadiene	225	14.153	14.164	-0.011	96	68095	20.0	23.6	
134 Naphthalene	128	14.186	14.196	-0.010	99	323810	20.0	22.7	
135 1,2,3-Trichlorobenzene	180	14.404	14.415	-0.011	95	134805	20.0	21.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.2	
S 137 Xylenes, Total	100				0		40.0	44.0	
S 139 Total BTEX	1				0		100.0	111.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 11:49:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18574.D

Injection Date: 29-Aug-2020 10:18:30 Instrument ID: CVOAMS9 Operator ID:

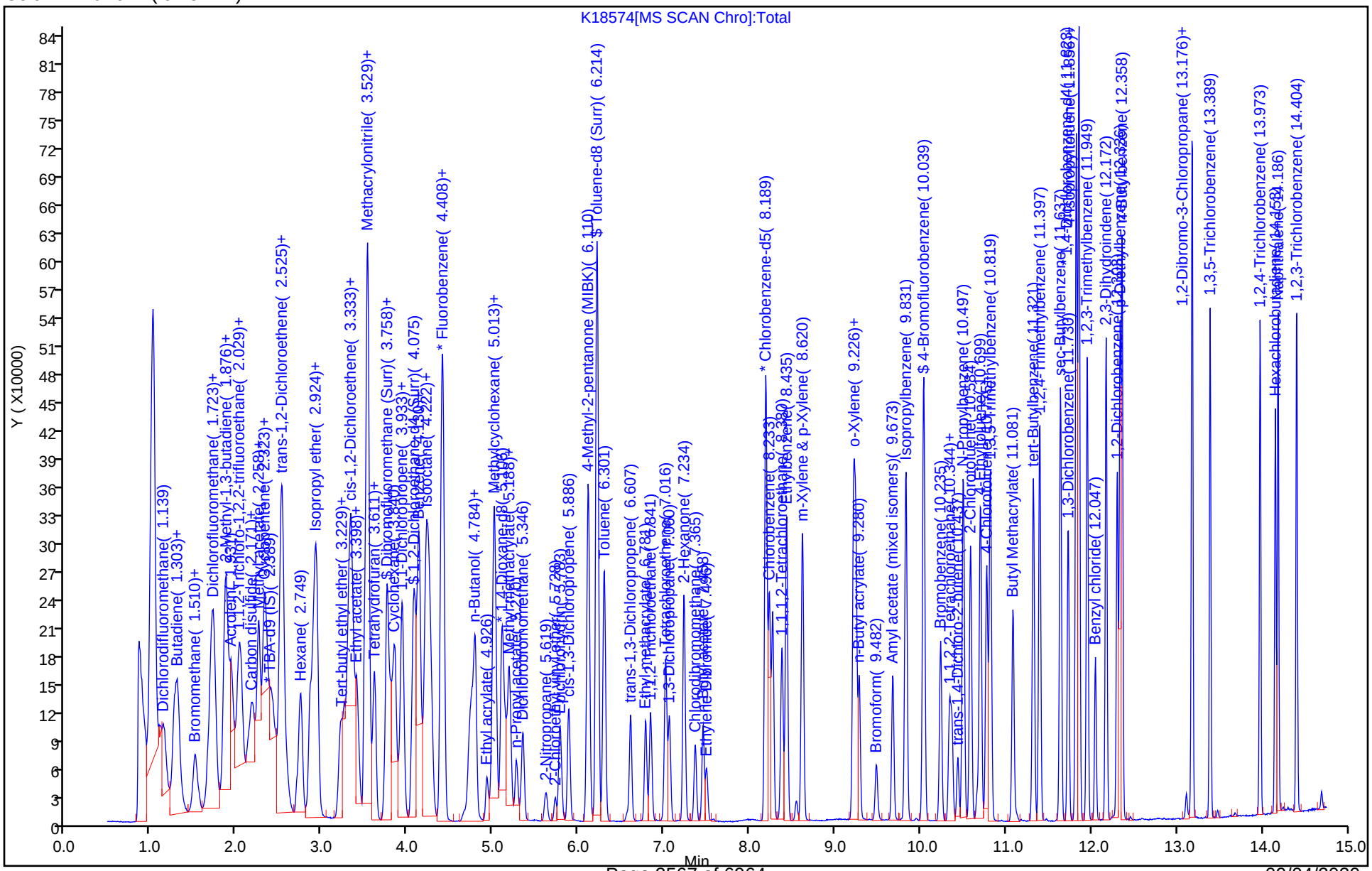
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

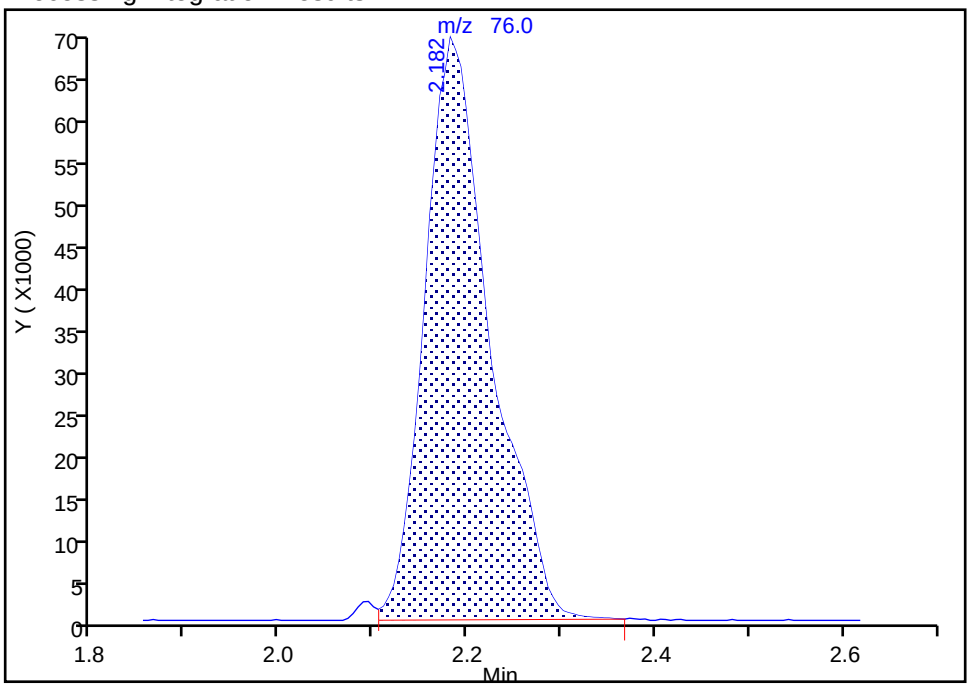
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18574.D
Injection Date: 29-Aug-2020 10:18:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

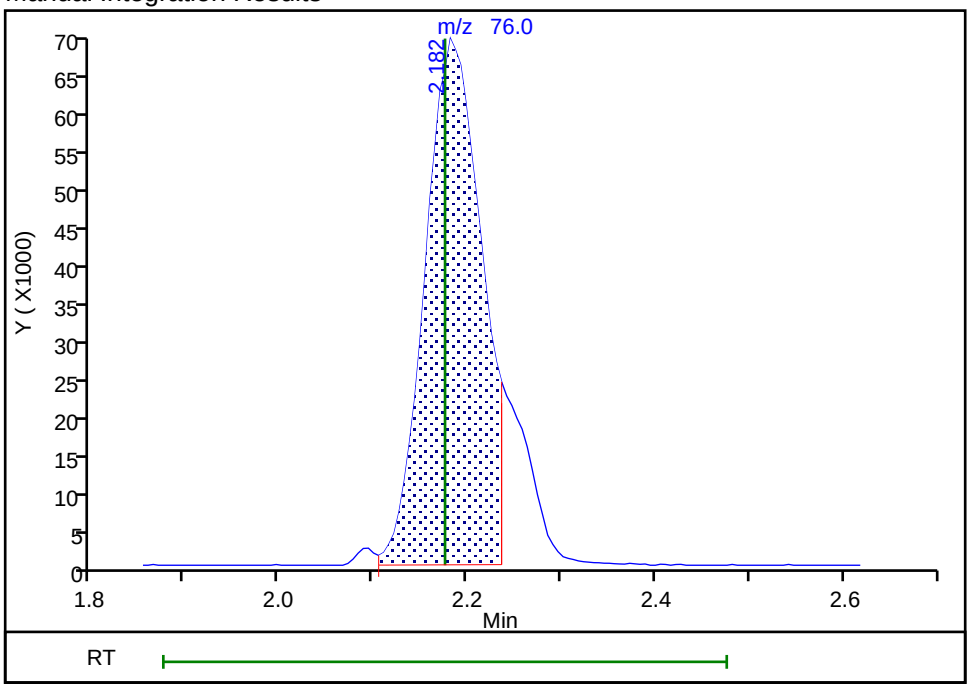
Processing Integration Results

RT: 2.18
Area: 337408
Amount: 26.106144
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 292676
Amount: 22.645112
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:49:02
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

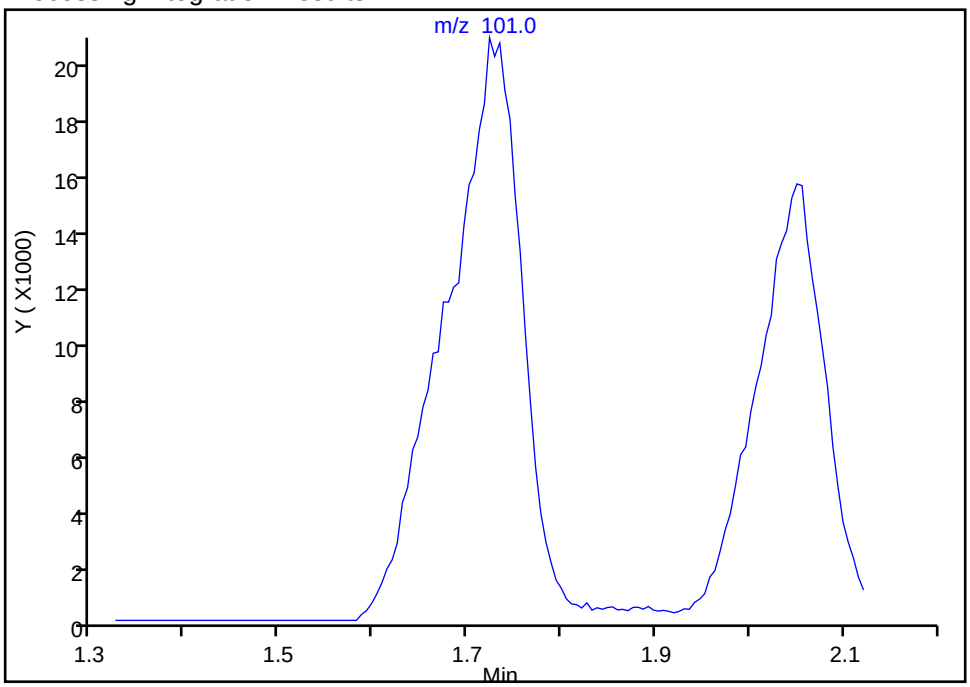
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18574.D				
Injection Date:	29-Aug-2020 10:18:30	Instrument ID:	CVOAMS9		
Lims ID:	LCS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

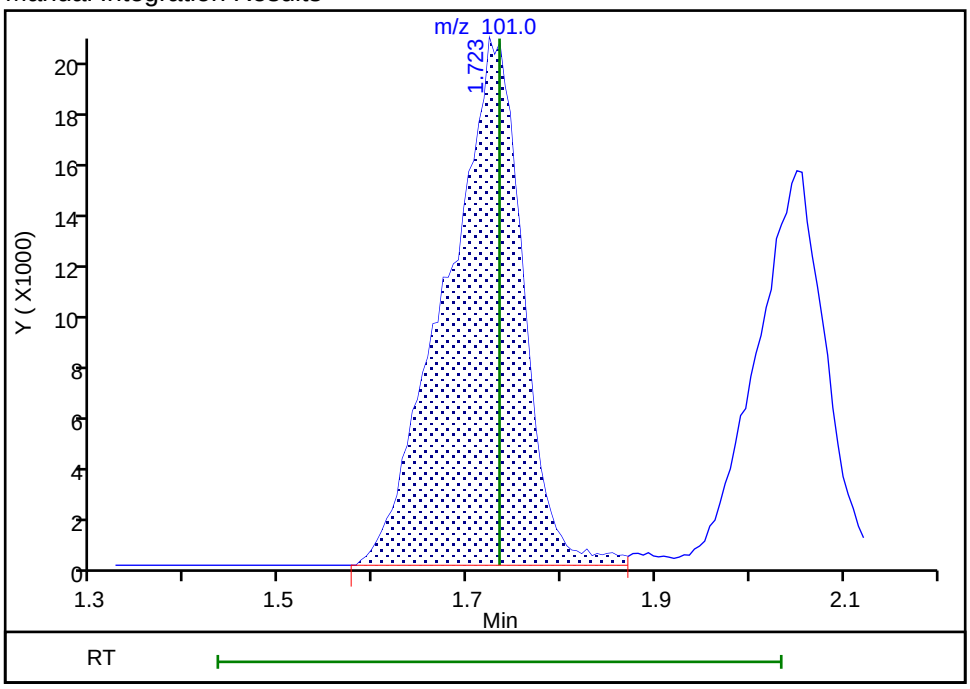
Not Detected
Expected RT: 1.73

Processing Integration Results



Manual Integration Results

RT: 1.72
Area: 115524
Amount: 25.014539
Amount Units: ug/l



Reviewer: starzecm, 29-Aug-2020 11:56:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

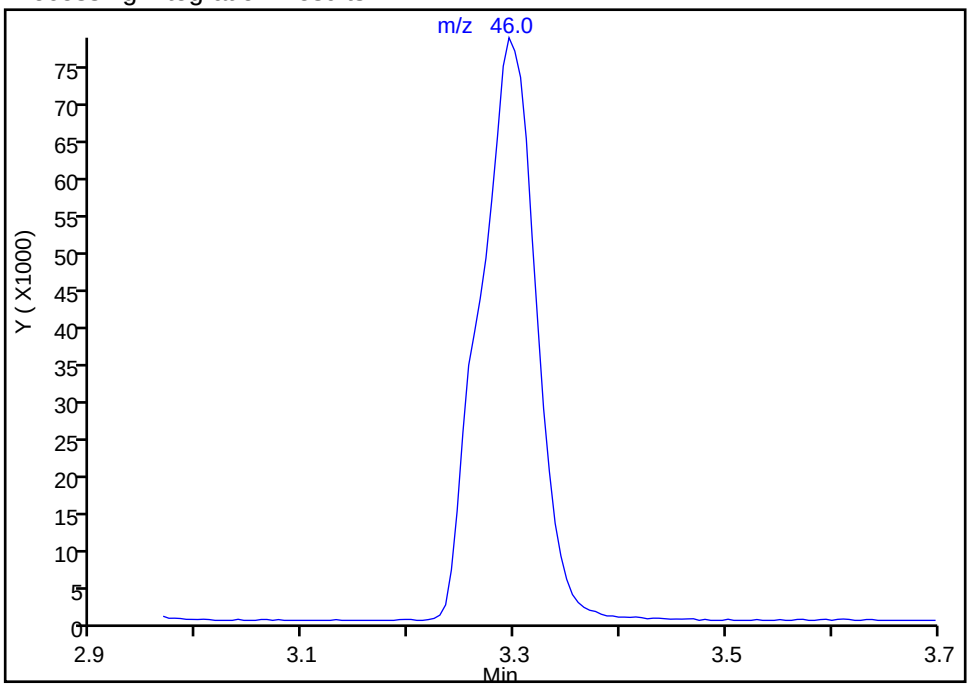
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18574.D
Injection Date: 29-Aug-2020 10:18:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

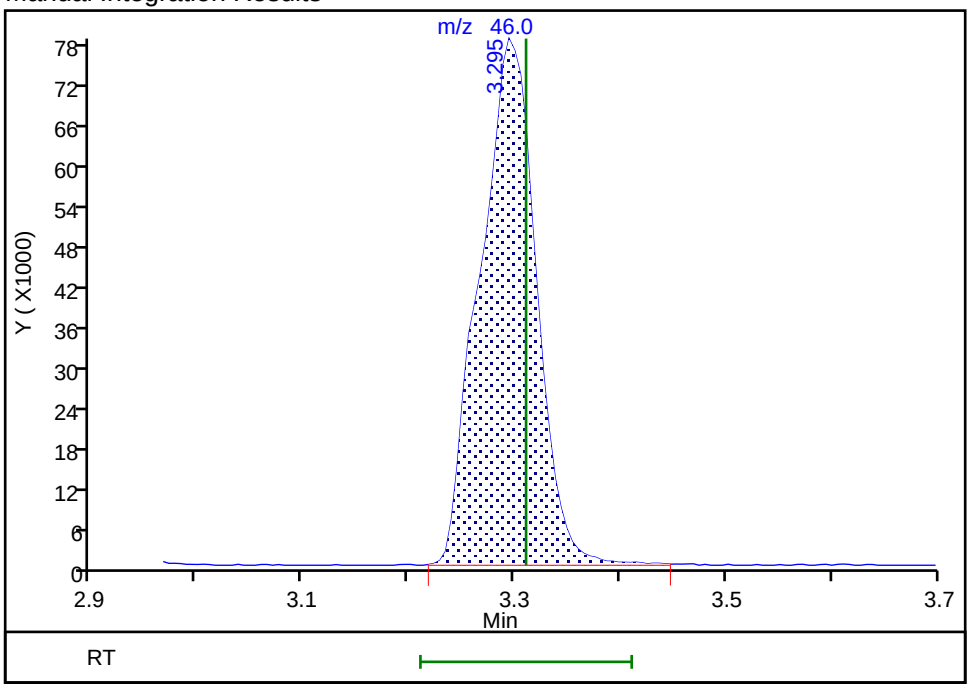
Not Detected
Expected RT: 3.31

Processing Integration Results



Manual Integration Results

RT: 3.29
Area: 289356
Amount: 250.0000
Amount Units: ug/l



Reviewer: starzecm, 29-Aug-2020 11:56:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720644/5

Matrix: Water Lab File ID: J05415.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.43
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
75-35-4	1,1-Dichloroethene	21.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	23.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	13.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.43
107-06-2	1,2-Dichloroethane	18.0		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.33
78-93-3	2-Butanone (MEK)	105		5.0	1.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	104		5.0	4.4
71-43-2	Benzene	19.0		1.0	0.20
75-25-2	Bromoform	13.3		1.0	0.54
74-83-9	Bromomethane	25.8		1.0	0.55
75-15-0	Carbon disulfide	19.8		1.0	0.82
56-23-5	Carbon tetrachloride	15.8		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
74-97-5	Chlorobromomethane	20.3		1.0	0.41
124-48-1	Chlorodibromomethane	15.2		1.0	0.28
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	20.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.22
110-82-7	Cyclohexane	18.4		1.0	0.32
75-27-4	Dichlorobromomethane	18.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	27.2		1.0	0.31
100-41-4	Ethylbenzene	19.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720644/5

Matrix: Water Lab File ID: J05415.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	18.6		1.0	0.50
98-82-8	Isopropylbenzene	20.4		1.0	0.34
79-20-9	Methyl acetate	30.8		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.9		1.0	0.47
108-87-2	Methylcyclohexane	22.2		1.0	0.26
75-09-2	Methylene Chloride	20.9		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.5		1.0	0.30
95-47-6	o-Xylene	19.4		1.0	0.36
100-42-5	Styrene	19.9		1.0	0.42
127-18-4	Tetrachloroethene	22.0		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.9		1.0	0.49
79-01-6	Trichloroethene	20.2		1.0	0.31
75-69-4	Trichlorofluoromethane	20.9		1.0	0.32
75-01-4	Vinyl chloride	20.9		1.0	0.17
1330-20-7	Xylenes, Total	38.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05415.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2020 10:47:30 ALS Bottle#: 13 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 08:14:55 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1055

First Level Reviewer: boykink Date: 30-Aug-2020 11:27:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.332	1.342	-0.010	99	46546	20.0	27.2	
6 Chloromethane	50	1.526	1.524	0.002	98	56642	20.0	20.7	
7 Vinyl chloride	62	1.583	1.581	0.002	98	49758	20.0	20.9	
8 Butadiene	54	1.606	1.604	0.002	94	48419	20.0	21.6	
9 Bromomethane	94	1.868	1.867	0.001	99	22002	20.0	25.8	
10 Chloroethane	64	1.948	1.947	0.001	98	26674	20.0	20.4	
12 Dichlorofluoromethane	67	2.119	2.118	0.001	95	71474	20.0	20.4	
11 Trichlorofluoromethane	101	2.119	2.118	0.001	81	53325	20.0	20.9	
13 Pentane	72	2.165	2.164	0.001	96	6433	40.0	72.6	
14 Ethanol	46	2.314	2.312	0.002	99	8195	800.0	944.2	
15 Ethyl ether	59	2.359	2.358	0.001	92	32033	20.0	18.0	
16 2-Methyl-1,3-butadiene	53	2.371	2.369	0.002	95	38444	20.0	20.0	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.519	2.517	0.002	93	25918	20.0	21.9	
20 Acrolein	56	2.519	2.529	-0.010	97	9994	40.0	48.3	
21 1,1-Dichloroethene	96	2.553	2.552	0.001	92	29239	20.0	21.4	
22 Acetone	43	2.645	2.643	0.002	85	61135	100.0	104.4	
23 Iodomethane	142	2.702	2.700	0.002	99	29415	20.0	17.1	
24 Carbon disulfide	76	2.725	2.723	0.002	100	116306	20.0	19.8	
25 Isopropyl alcohol	45	2.736	2.734	0.002	98	26506	200.0	207.3	
26 3-Chloro-1-propene	76	2.862	2.860	0.002	88	20946	20.0	20.0	
27 Cyclopentene	67	2.884	2.883	0.001	90	90076	20.0	21.1	
28 Methyl acetate	43	2.884	2.883	0.001	81	66257	40.0	30.8	
29 Acetonitrile	41	2.941	2.940	0.001	98	62602	200.0	256.4	
30 Methylene Chloride	84	2.987	2.986	0.001	89	37883	20.0	20.9	
* 31 TBA-d9 (IS)	65	2.987	2.986	0.001	94	163621	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.056	3.054	0.002	98	35135	200.0	191.2	
33 Methyl tert-butyl ether	73	3.147	3.145	0.002	96	101752	20.0	16.9	
34 trans-1,2-Dichloroethene	96	3.170	3.168	0.002	97	34284	20.0	21.1	
35 Acrylonitrile	53	3.250	3.260	-0.010	94	151730	200.0	264.8	
36 Hexane	57	3.330	3.328	0.002	92	26752	20.0	21.8	
37 Isopropyl ether	45	3.547	3.545	0.002	98	154364	20.0	18.1	
38 1,1-Dichloroethane	63	3.569	3.568	0.001	99	76327	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	43	3.592	3.591	0.001	100	207190	40.0	34.0	
40 2-Chloro-1,3-butadiene	88	3.615	3.613	0.002	94	31039	20.0	20.6	
41 Tert-butyl ethyl ether	59	3.855	3.865	-0.010	86	124044	20.0	17.2	
42 2,2-Dichloropropane	79	4.060	4.059	0.001	56	18074	20.0	18.4	a
* 43 2-Butanone-d5	46	4.060	4.059	0.001	95	247425	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.083	4.093	-0.010	91	38097	20.0	20.2	
46 2-Butanone (MEK)	72	4.117	4.116	0.001	95	19522	100.0	105.4	
45 Ethyl acetate	70	4.117	4.127	-0.010	94	8397	40.0	44.7	
47 Methyl acrylate	55	4.174	4.173	0.001	99	33877	20.0	14.3	
48 Propionitrile	54	4.254	4.253	0.001	97	57614	200.0	250.1	
49 Chlorobromomethane	128	4.312	4.310	0.002	95	17318	20.0	20.3	
50 Tetrahydrofuran	72	4.323	4.321	0.002	91	8681	40.0	38.8	
51 Methacrylonitrile	67	4.346	4.356	-0.010	97	162800	200.0	175.6	
52 Chloroform	83	4.369	4.367	0.002	97	68309	20.0	19.9	
53 Cyclohexane	84	4.494	4.493	0.001	97	28970	20.0	18.4	
54 1,1,1-Trichloroethane	97	4.506	4.504	0.002	96	50018	20.0	16.9	
$ 55 Dibromofluoromethane (Surr)	113	4.528	4.527	0.001	95	79262	50.0	47.4	
56 Carbon tetrachloride	117	4.620	4.630	-0.010	97	35134	20.0	15.8	
57 1,1-Dichloropropene	75	4.665	4.664	0.001	92	48395	20.0	18.7	
59 Isobutyl alcohol	43	4.802	4.801	0.001	95	60605	500.0	602.1	
58 Isooctane	57	4.825	4.824	0.001	97	85579	20.0	27.2	
60 Benzene	78	4.860	4.858	0.002	97	151729	20.0	19.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.882	4.881	0.001	0	113072	50.0	42.7	
63 Isopropyl acetate	43	4.928	4.926	0.002	93	128732	20.0	14.4	
62 Tert-amyl methyl ether	55	4.928	4.926	0.002	71	33055	20.0	18.9	
64 1,2-Dichloroethane	62	4.962	4.961	0.001	97	60811	20.0	18.0	
65 n-Heptane	57	5.019	5.018	0.001	96	15865	20.0	21.2	
* 66 Fluorobenzene	96	5.156	5.155	0.001	97	360540	50.0	50.0	
68 n-Butanol	56	5.476	5.474	0.002	97	24816	500.0	500.9	
67 Trichloroethene	95	5.499	5.509	-0.010	93	34947	20.0	20.2	
69 Methylcyclohexane	83	5.624	5.623	0.001	83	27615	20.0	22.2	
70 Ethyl acrylate	55	5.636	5.646	-0.010	99	77777	20.0	16.8	
71 1,2-Dichloropropane	63	5.796	5.805	-0.009	86	43359	20.0	19.7	
* 72 1,4-Dioxane-d8	96	5.876	5.874	0.002	0	16036	1000.0	1000.0	
73 Methyl methacrylate	100	5.887	5.885	0.002	94	15805	40.0	34.2	
75 1,4-Dioxane	88	5.921	5.931	-0.010	51	7144	400.0	403.1	
74 Dibromomethane	93	5.933	5.931	0.002	91	24674	20.0	18.7	
76 n-Propyl acetate	43	5.944	5.943	0.002	98	60638	20.0	15.0	
77 Dichlorobromomethane	83	6.081	6.080	0.001	97	46496	20.0	18.2	
78 2-Chloroethyl vinyl ether	63	6.435	6.433	0.002	83	24510	20.0	16.3	
79 2-Nitropropane	41	6.435	6.433	0.002	74	12860	40.0	24.0	
80 Epichlorohydrin	57	6.538	6.536	0.002	99	73811	400.0	446.2	
81 cis-1,3-Dichloropropene	75	6.595	6.593	0.002	97	60473	20.0	18.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.766	6.765	0.002	98	190576	100.0	103.6	
$ 83 Toluene-d8 (Surr)	98	6.835	6.833	0.002	97	272146	50.0	47.8	
84 Toluene	91	6.915	6.913	0.002	93	134197	20.0	19.2	
85 trans-1,3-Dichloropropene	75	7.268	7.267	0.001	96	53718	20.0	16.9	
86 Ethyl methacrylate	69	7.314	7.313	0.001	92	42080	20.0	15.7	
87 1,1,2-Trichloroethane	83	7.485	7.484	0.001	95	29271	20.0	18.7	
88 Tetrachloroethene	166	7.531	7.529	0.002	94	23717	20.0	22.0	
89 1,3-Dichloropropane	76	7.702	7.701	0.001	98	55282	20.0	18.6	
90 2-Hexanone	58	7.782	7.781	0.001	99	63306	100.0	102.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 n-Butyl acetate	43	7.896	7.895	0.001	97	59180	20.0	13.6	
92 Chlorodibromomethane	129	7.931	7.929	0.002	97	27678	20.0	15.2	
93 Ethylene Dibromide	107	8.090	8.089	0.001	98	32192	20.0	18.6	
* 94 Chlorobenzene-d5	117	8.638	8.648	-0.010	90	251331	50.0	50.0	
95 Chlorobenzene	112	8.684	8.683	0.001	91	79589	20.0	20.6	
96 Ethylbenzene	106	8.787	8.785	0.002	99	34850	20.0	19.2	
97 1,1,1,2-Tetrachloroethane	131	8.798	8.797	0.001	90	25424	20.0	16.9	
98 m-Xylene & p-Xylene	106	8.947	8.945	0.002	0	41320	20.0	19.5	
100 n-Butyl acrylate	73	9.426	9.425	0.001	95	24618	20.0	14.7	
99 o-Xylene	106	9.438	9.436	0.002	92	42999	20.0	19.4	
101 Styrene	104	9.460	9.470	-0.010	92	80543	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.666	9.664	0.002	88	65579	20.0	13.1	
102 Bromoform	173	9.677	9.676	0.001	95	15663	20.0	13.3	
104 Isopropylbenzene	105	9.803	9.801	0.002	97	86212	20.0	20.4	
$ 105 4-Bromofluorobenzene	174	9.986	9.984	0.002	88	72053	50.0	52.0	
106 Bromobenzene	156	10.100	10.110	-0.010	95	31173	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	10.145	10.144	0.001	99	41572	20.0	17.1	
108 N-Propylbenzene	91	10.168	10.167	0.001	98	105004	20.0	19.6	
109 1,2,3-Trichloropropane	110	10.191	10.190	0.001	96	9834	20.0	15.2	
110 trans-1,4-Dichloro-2-butene	53	10.203	10.212	-0.009	73	13425	20.0	14.8	
111 2-Chlorotoluene	91	10.260	10.258	0.002	97	84864	20.0	19.6	
112 4-Ethyltoluene	105	10.271	10.269	0.002	97	87954	20.0	20.4	
113 1,3,5-Trimethylbenzene	105	10.328	10.327	0.001	91	72485	20.0	20.1	
114 4-Chlorotoluene	91	10.362	10.361	0.001	98	80690	20.0	19.3	
115 Butyl Methacrylate	87	10.419	10.418	0.001	98	37002	20.0	16.1	
116 tert-Butylbenzene	119	10.568	10.566	0.002	90	52565	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.625	10.623	0.002	99	76871	20.0	20.0	
118 sec-Butylbenzene	105	10.739	10.738	0.001	98	78721	20.0	20.8	
120 1,3-Dichlorobenzene	146	10.842	10.840	0.002	80	46372	20.0	20.7	
119 4-Isopropyltoluene	119	10.842	10.840	0.002	97	67700	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	10.888	10.897	-0.009	98	100376	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.910	10.909	0.001	95	49511	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.922	10.920	0.002	99	84671	20.0	20.4	
124 Benzyl chloride	91	11.013	11.012	0.001	98	61413	20.0	14.7	
125 2,3-Dihydroindene	117	11.059	11.057	0.002	94	85351	20.0	19.6	
126 p-Diethylbenzene	119	11.104	11.103	0.001	92	34832	20.0	21.3	
127 n-Butylbenzene	92	11.116	11.114	0.002	96	38238	20.0	22.0	
128 1,2-Dichlorobenzene	146	11.162	11.160	0.002	94	50087	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	11.595	11.594	0.001	97	67651	20.0	20.9	
130 1,2-Dibromo-3-Chloropropane	157	11.664	11.662	0.002	91	5884	20.0	13.3	
131 1,3,5-Trichlorobenzene	180	11.744	11.742	0.002	96	29892	20.0	24.9	
132 1,2,4-Trichlorobenzene	180	12.143	12.142	0.001	93	27939	20.0	23.7	
133 Hexachlorobutadiene	225	12.212	12.210	0.002	94	12809	20.0	27.1	
134 Naphthalene	128	12.326	12.324	0.002	99	77919	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	12.486	12.484	0.002	95	26280	20.0	23.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.3	
S 137 Xylenes, Total	100				0		40.0	38.9	
S 138 Total BTEX	1				0		100.0	96.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00383	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 08:15:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05415.D

Injection Date: 30-Aug-2020 10:47:30 Instrument ID: CVOAMS8 Operator ID:

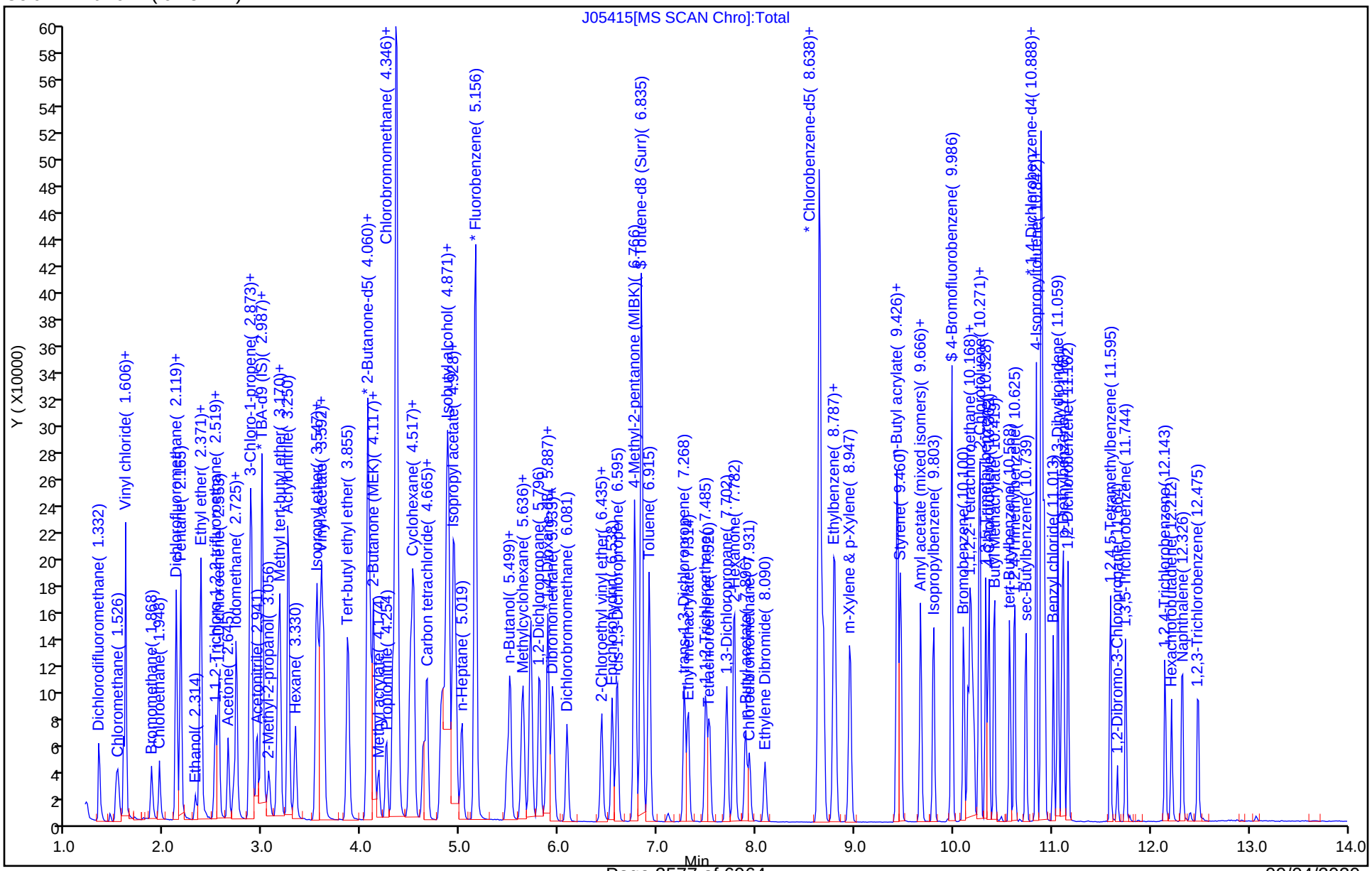
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720646/3

Matrix: Solid Lab File ID: E16586.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 11:28

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.904		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	0.973		0.050	0.0095
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.870		0.050	0.017
79-00-5	1,1,2-Trichloroethane	0.938		0.050	0.0040
75-34-3	1,1-Dichloroethane	0.933		0.050	0.012
75-35-4	1,1-Dichloroethene	0.857		0.050	0.013
87-61-6	1,2,3-Trichlorobenzene	0.959		0.050	0.018
120-82-1	1,2,4-Trichlorobenzene	1.06		0.050	0.014
96-12-8	1,2-Dibromo-3-Chloropropane	0.803		0.050	0.012
95-50-1	1,2-Dichlorobenzene	1.01		0.050	0.011
107-06-2	1,2-Dichloroethane	0.896		0.050	0.013
78-87-5	1,2-Dichloropropane	0.896		0.050	0.0090
541-73-1	1,3-Dichlorobenzene	0.988		0.050	0.017
106-46-7	1,4-Dichlorobenzene	1.01		0.050	0.017
78-93-3	2-Butanone (MEK)	4.70		0.25	0.11
591-78-6	2-Hexanone	4.68		0.25	0.057
108-10-1	4-Methyl-2-pentanone (MIBK)	4.94		0.25	0.065
67-64-1	Acetone	4.78		0.25	0.22
71-43-2	Benzene	0.956		0.050	0.010
75-25-2	Bromoform	0.911		0.050	0.0090
74-83-9	Bromomethane	1.03		0.050	0.028
75-15-0	Carbon disulfide	0.966		0.050	0.034
56-23-5	Carbon tetrachloride	0.870		0.050	0.017
108-90-7	Chlorobenzene	0.930		0.050	0.012
74-97-5	Chlorobromomethane	0.908		0.050	0.015
124-48-1	Chlorodibromomethane	0.921		0.050	0.011
75-00-3	Chloroethane	1.35		0.050	0.019
67-66-3	Chloroform	0.911		0.050	0.011
74-87-3	Chloromethane	0.977		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	0.928		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.954		0.050	0.011
110-82-7	Cyclohexane	0.915		0.050	0.013
75-27-4	Dichlorobromomethane	0.898		0.050	0.0075
75-71-8	Dichlorodifluoromethane	0.886		0.050	0.016
100-41-4	Ethylbenzene	0.976		0.050	0.015

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720646/3

Matrix: Solid Lab File ID: E16586.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 11:28

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.884		0.050	0.0095
98-82-8	Isopropylbenzene	0.974		0.050	0.016
79-20-9	Methyl acetate	2.38		0.25	0.039
1634-04-4	Methyl tert-butyl ether	0.870		0.050	0.0065
108-87-2	Methylcyclohexane	0.891		0.050	0.011
75-09-2	Methylene Chloride	0.913		0.050	0.011
179601-23-1	m-Xylene & p-Xylene	0.957		0.050	0.014
95-47-6	o-Xylene	0.959		0.050	0.016
100-42-5	Styrene	0.949		0.050	0.0085
127-18-4	Tetrachloroethene	0.955		0.050	0.018
108-88-3	Toluene	0.945		0.050	0.013
156-60-5	trans-1,2-Dichloroethene	0.901		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.954		0.050	0.0095
79-01-6	Trichloroethene	0.877		0.050	0.011
75-69-4	Trichlorofluoromethane	0.933		0.050	0.016
75-01-4	Vinyl chloride	0.957		0.050	0.010
1330-20-7	Xylenes, Total	1.92		0.10	0.014

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-150
460-00-4	4-Bromofluorobenzene	100		62-150
1868-53-7	Dibromofluoromethane (Surr)	90		54-150
2037-26-5	Toluene-d8 (Surr)	96		68-148

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16586.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2020 11:28:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:38:47 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 15:39:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.772	0.773	-0.001	99	92933	20.0	17.7	
7 Vinyl chloride	62	0.904	0.904	0.000	98	97092	20.0	19.1	
6 Chloromethane	50	0.904	0.904	0.000	98	122991	20.0	19.5	
8 Butadiene	54	0.912	0.912	0.000	93	83104	20.0	19.2	
9 Bromomethane	94	1.060	1.061	-0.001	98	65941	20.0	20.6	
10 Chloroethane	64	1.118	1.118	0.000	98	59811	20.0	26.9	
12 Pentane	72	1.184	1.184	0.000	96	16754	40.0	41.9	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	94	121074	20.0	18.7	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	139608	20.0	19.2	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	95	112683	20.0	18.0	
15 Ethyl ether	59	1.340	1.340	0.000	95	67050	20.0	18.3	
16 Ethanol	45	1.423	1.423	0.000	99	25208	800.0	936.8	
17 1,1-Dichloroethene	96	1.439	1.439	0.000	96	71883	20.0	17.1	
19 Carbon disulfide	76	1.455	1.456	-0.001	98	255040	20.0	19.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	96	60062	20.0	17.4	
22 Iodomethane	142	1.513	1.513	0.000	98	99975	20.0	17.4	
23 Cyclopentene	67	1.595	1.596	-0.001	94	189383	20.0	18.5	
24 Acrolein	56	1.620	1.620	0.000	91	6814	40.0	46.6	
25 3-Chloro-1-propene	76	1.686	1.694	-0.008	90	49293	20.0	18.3	
26 Isopropyl alcohol	45	1.719	1.719	0.000	97	32454	200.0	215.3	
27 Methylene Chloride	84	1.752	1.752	0.000	87	91838	20.0	18.3	
28 Acetone	58	1.785	1.785	0.000	89	29145	100.0	95.7	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	92	87566	20.0	18.0	
30 Methyl acetate	74	1.850	1.851	-0.001	98	24153	40.0	47.6	
31 Hexane	86	1.883	1.884	-0.001	78	8718	20.0	25.7	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	97	239995	20.0	17.4	
* 33 TBA-d9 (IS)	65	1.933	1.925	0.008	99	242879	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.974	1.974	0.000	99	59721	200.0	198.0	
35 Acetonitrile	41	2.056	2.056	0.000	100	72589	200.0	259.2	
36 Isopropyl ether	45	2.130	2.130	0.000	95	247055	20.0	20.3	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	89	74891	20.0	17.8	
38 1,1-Dichloroethane	63	2.204	2.205	-0.001	99	149221	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Acrylonitrile	53	2.246	2.237	0.009	95	244814	200.0	161.0	
40 Tert-butyl ethyl ether	59	2.361	2.361	0.000	89	255119	20.0	19.7	
41 Vinyl acetate	86	2.377	2.377	0.000	99	32252	40.0	42.0	
42 cis-1,2-Dichloroethene	96	2.550	2.550	0.000	98	89233	20.0	18.6	
43 2,2-Dichloropropane	77	2.616	2.616	0.000	96	112195	20.0	19.2	
44 Cyclohexane	56	2.673	2.674	-0.001	87	66369	20.0	18.3	
45 Chlorobromomethane	128	2.690	2.682	0.008	85	43260	20.0	18.2	
46 Chloroform	83	2.748	2.748	0.000	99	139582	20.0	18.2	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	81947	20.0	17.4	
49 Ethyl acetate	70	2.855	2.846	0.008	99	15918	40.0	41.2	
48 Methyl acrylate	55	2.855	2.855	-0.001	84	52331	20.0	16.5	
50 Tetrahydrofuran	42	2.863	2.855	0.008	95	44344	40.0	37.7	
$ 51 Dibromofluoromethane (Surr)	113	2.871	2.871	0.000	95	168840	50.0	44.9	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	97	110482	20.0	18.1	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	253436	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	98	97621	20.0	17.0	
55 2-Butanone (MEK)	72	2.978	2.978	0.000	98	42029	100.0	93.9	
56 Isooctane	57	3.052	3.052	0.000	100	112930	20.0	23.3	
57 n-Heptane	57	3.143	3.143	0.000	90	26422	20.0	20.6	
58 Benzene	78	3.159	3.159	0.000	95	306766	20.0	19.1	
59 Propionitrile	54	3.200	3.200	0.000	96	78887	200.0	232.0	
60 Methacrylonitrile	67	3.208	3.209	-0.001	89	295262	200.0	170.1	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	94	217626	20.0	17.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	200083	50.0	45.0	
63 1,2-Dichloroethane	62	3.324	3.324	0.000	98	103958	20.0	17.9	
64 Isobutyl alcohol	43	3.406	3.406	0.000	99	42755	500.0	488.9	
65 t-Amyl alcohol	59	3.472	3.472	0.000	96	36551	200.0	186.3	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	664547	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	110248	20.0	16.8	
68 Methylcyclohexane	83	3.620	3.620	0.000	94	55252	20.0	17.8	
69 Trichloroethene	95	3.645	3.645	0.000	99	73412	20.0	17.5	
70 2-ethoxy-2-methyl butane	59	3.883	3.883	0.000	98	176071	20.0	18.4	
71 Dibromomethane	93	4.015	4.015	0.000	97	47001	20.0	16.6	
72 n-Butanol	56	4.031	4.032	-0.001	76	28209	500.0	502.3	
73 1,2-Dichloropropane	63	4.105	4.106	-0.001	88	71541	20.0	17.9	
74 Dichlorobromomethane	83	4.188	4.188	0.000	99	99268	20.0	18.0	
75 Ethyl acrylate	55	4.188	4.188	0.000	98	73993	20.0	16.4	
* 76 1,4-Dioxane-d8	96	4.369	4.377	-0.008	61	27433	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	82	37605	40.0	31.6	
78 1,4-Dioxane	88	4.402	4.394	0.008	46	14074	400.0	425.5	
79 n-Propyl acetate	43	4.542	4.542	0.000	97	74994	20.0	16.0	
80 2-Chloroethyl vinyl ether	63	4.805	4.797	0.008	95	42821	20.0	17.2	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	117739	20.0	19.1	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	641778	50.0	48.0	
83 Toluene	91	5.068	5.068	0.000	93	318588	20.0	18.9	
84 Epichlorohydrin	57	5.109	5.110	-0.001	98	106489	400.0	395.4	
85 2-Nitropropane	41	5.340	5.340	0.000	98	25050	40.0	45.4	
86 Tetrachloroethene	166	5.496	5.488	0.008	95	52234	20.0	19.1	
87 4-Methyl-2-pentanone (MIBK)	43	5.546	5.546	0.000	95	268966	100.0	98.7	
88 trans-1,3-Dichloropropene	75	5.579	5.579	0.000	96	109095	20.0	19.1	
89 1,1,2-Trichloroethane	83	5.751	5.743	0.008	95	56434	20.0	18.8	
90 Ethyl methacrylate	69	5.834	5.826	0.008	86	80594	20.0	16.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 Chlorodibromomethane	129	5.941	5.941	0.000	98	70233	20.0	18.4	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	91	113138	20.0	18.5	
93 Ethylene Dibromide	107	6.188	6.188	0.000	95	67938	20.0	17.7	
94 n-Butyl acetate	43	6.541	6.533	0.008	98	73307	20.0	15.6	
95 2-Hexanone	43	6.607	6.607	0.000	94	177156	100.0	93.5	
* 96 Chlorobenzene-d5	117	6.871	6.871	0.000	86	537901	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	94	193987	20.0	18.6	
98 Ethylbenzene	106	6.978	6.978	0.000	98	91013	20.0	19.5	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	95	60114	20.0	18.5	
100 m-Xylene & p-Xylene	106	7.192	7.192	0.000	96	108195	20.0	19.1	
101 o-Xylene	106	7.776	7.776	0.000	94	110922	20.0	19.2	
102 Bromoform	173	7.842	7.842	0.000	93	38651	20.0	18.2	
103 Styrene	104	7.866	7.867	-0.001	96	194930	20.0	19.0	
104 n-Butyl acrylate	73	8.196	8.196	0.000	97	39110	20.0	18.3	
105 Isopropylbenzene	105	8.261	8.262	-0.001	95	219761	20.0	19.5	
106 Amyl acetate (mixed isomers)	43	8.607	8.607	0.000	91	84795	20.0	18.6	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	88	170771	50.0	50.2	
108 Bromobenzene	156	8.747	8.739	0.008	99	77665	20.0	19.7	
109 N-Propylbenzene	91	8.895	8.887	0.008	99	235712	20.0	20.5	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	82920	20.0	19.5	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	196579	20.0	20.7	
112 4-Ethyltoluene	105	9.084	9.076	0.008	99	196394	20.0	20.9	
113 1,2,3-Trichloropropane	110	9.175	9.175	0.000	97	24694	20.0	18.1	
114 1,3,5-Trimethylbenzene	105	9.233	9.233	0.000	93	152906	20.0	20.7	
115 trans-1,4-Dichloro-2-butene	75	9.307	9.315	-0.008	90	27965	20.0	16.7	
116 4-Chlorotoluene	91	9.331	9.331	0.000	98	185643	20.0	20.3	
117 tert-Butylbenzene	119	9.702	9.702	0.000	94	125411	20.0	19.8	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	97	157880	20.0	20.9	
118 Butyl Methacrylate	87	9.842	9.842	0.000	87	61488	20.0	20.9	
120 sec-Butylbenzene	105	9.990	9.990	0.000	99	175080	20.0	20.1	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	96	110134	20.0	19.8	
122 4-Isopropyltoluene	119	10.269	10.270	-0.001	97	140919	20.0	20.5	
* 123 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	96	190562	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.409	10.410	-0.001	95	119955	20.0	20.2	
125 1,2,3-Trimethylbenzene	105	10.508	10.508	0.000	99	173070	20.0	21.0	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	212949	20.0	20.3	
128 Benzyl chloride	126	10.870	10.870	0.000	98	22865	20.0	14.3	
127 p-Diethylbenzene	119	10.878	10.879	-0.001	91	67102	20.0	20.8	
129 n-Butylbenzene	92	10.961	10.961	0.000	97	60955	20.0	21.1	
130 1,2-Dichlorobenzene	146	11.076	11.076	0.000	95	118342	20.0	20.2	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	97	161264	20.0	23.2	
132 1,2-Dibromo-3-Chloropropane	157	12.022	12.023	-0.001	97	14702	20.0	16.1	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	96	55029	20.0	21.7	
134 1,2,4-Trichlorobenzene	180	12.566	12.566	0.000	95	52334	20.0	21.1	
135 Hexachlorobutadiene	225	12.566	12.566	0.000	91	22151	20.0	19.8	
136 Naphthalene	128	12.780	12.780	0.000	99	180688	20.0	18.6	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	95	47009	20.0	19.2	
S 138 1,2-Dichloroethene, Total	100				0		40.0	36.6	
S 139 1,3-Dichloropropene, Total	100				0		40.0	38.2	
S 140 Xylenes, Total	100				0		40.0	38.3	
S 141 Total BTEX	1				0		100.0	95.8	

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
GASES Li_00383	Amount Added:	20.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

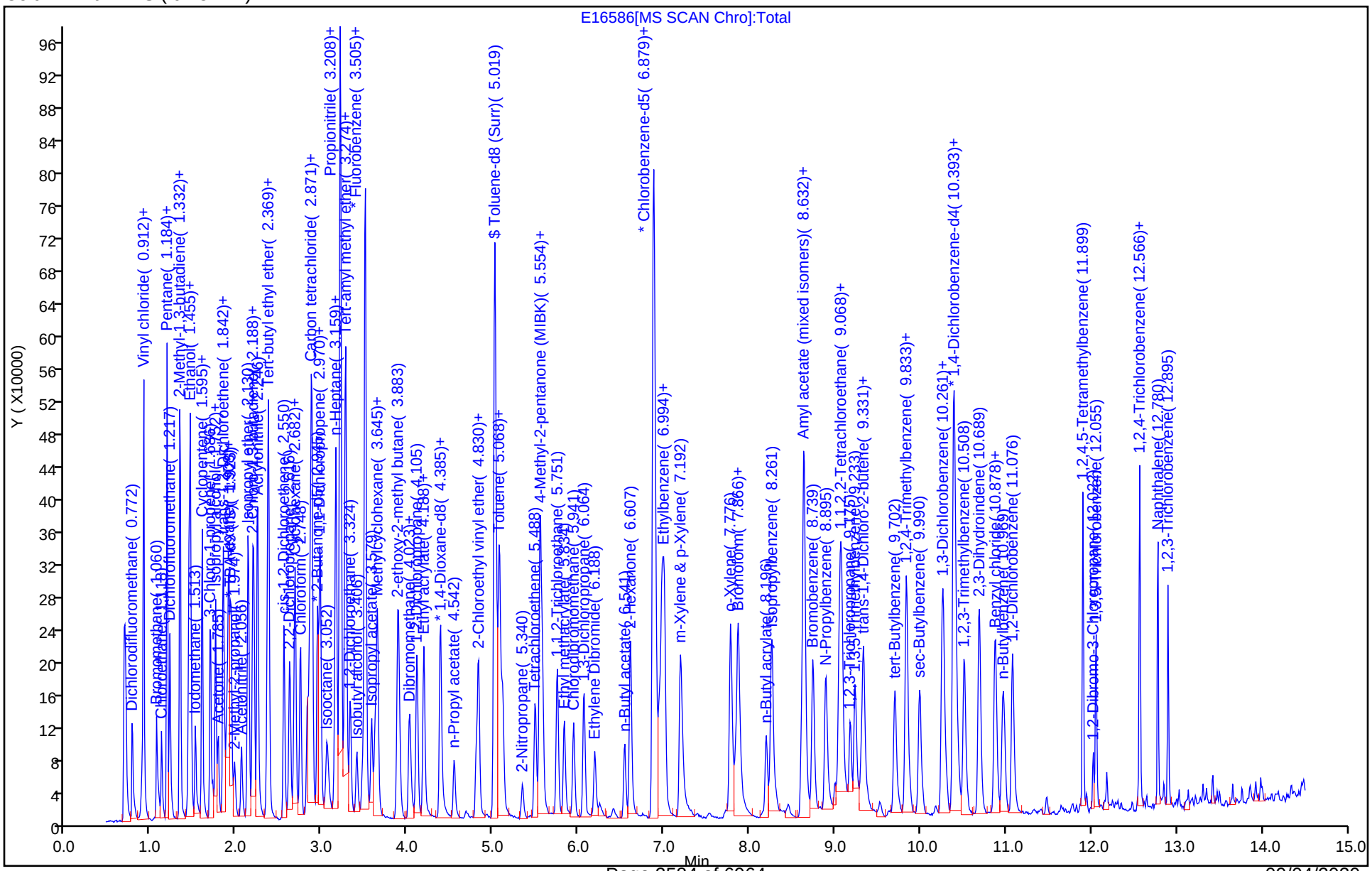
Report Date: 02-Sep-2020 15:39:45 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16586.D

Injection Date:	30-Aug-2020 11:28:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	2
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720741/3

Matrix: Solid Lab File ID: D71882.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0191		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0201		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0221		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0204		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0223		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0219		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0203		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0208		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0158		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0213		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0180		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0221		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0217		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0217		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0963		0.0050	0.0027
591-78-6	2-Hexanone	0.0994		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.104		0.0050	0.0016
67-64-1	Acetone	0.0967		0.0060	0.0057
71-43-2	Benzene	0.0230		0.0010	0.00026
75-25-2	Bromoform	0.0145		0.0010	0.00043
74-83-9	Bromomethane	0.0570		0.0010	0.00047
75-15-0	Carbon disulfide	0.0219		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0192		0.0010	0.00039
108-90-7	Chlorobenzene	0.0216		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0196		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0176		0.0010	0.00019
75-00-3	Chloroethane	0.0243		0.0010	0.00052
67-66-3	Chloroform	0.0202		0.0010	0.00032
74-87-3	Chloromethane	0.0223		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0210		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0213		0.0010	0.00027
110-82-7	Cyclohexane	0.0220		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0187		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0193		0.0010	0.00034
100-41-4	Ethylbenzene	0.0213		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720741/3

Matrix: Solid Lab File ID: D71882.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0192		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0228		0.0010	0.00013
79-20-9	Methyl acetate	0.0332		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0171		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0216		0.0010	0.00050
75-09-2	Methylene Chloride	0.0211		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0219		0.0010	0.00017
95-47-6	o-Xylene	0.0215		0.0010	0.00019
100-42-5	Styrene	0.0207		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0201		0.0010	0.00014
108-88-3	Toluene	0.0218		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0217		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0186		0.0010	0.00027
79-01-6	Trichloroethene	0.0210		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0232		0.0010	0.00041
75-01-4	Vinyl chloride	0.0215		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0434		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
460-00-4	4-Bromofluorobenzene	108		79-125
1868-53-7	Dibromofluoromethane (Surr)	103		48-150
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71882.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-Aug-2020 05:02:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116029-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:55:04 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 19:03:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	98	187886	20.0	19.3	
6 Chloromethane	50	1.565	1.565	0.000	99	177385	20.0	22.3	
8 Vinyl chloride	62	1.662	1.662	0.000	98	184395	20.0	21.5	
7 Butadiene	54	1.693	1.693	0.000	96	169171	20.0	21.2	
9 Bromomethane	94	1.986	1.986	0.000	99	80608	20.0	57.0	
10 Chloroethane	64	2.089	2.089	0.000	100	93335	20.0	24.3	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	99	196851	20.0	23.2	
11 Dichlorofluoromethane	67	2.303	2.303	0.000	99	220041	20.0	25.2	
12 Pentane	72	2.357	2.357	0.000	97	43685	40.0	42.6	
15 Ethanol	46	2.577	2.577	0.000	98	13144	800.0	1021.8	
14 Ethyl ether	59	2.595	2.595	0.000	97	67291	20.0	19.9	
16 2-Methyl-1,3-butadiene	53	2.607	2.607	0.000	95	97146	20.0	22.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	94	110046	20.0	22.1	
19 Acrolein	56	2.790	2.790	0.000	96	114245	300.0	412.0	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	95572	20.0	21.9	
22 Acetone	43	2.943	2.943	0.000	88	79625	100.0	96.7	
23 Iodomethane	142	2.985	2.985	0.000	98	132516	20.0	23.3	
24 Carbon disulfide	76	3.016	3.016	0.000	99	331728	20.0	21.9	
25 Isopropyl alcohol	45	3.071	3.071	0.000	97	35363	200.0	214.0	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	94	53355	20.0	20.6	
28 Cyclopentene	67	3.217	3.217	0.000	94	246909	20.0	23.0	
27 Methyl acetate	43	3.235	3.235	0.000	99	82810	40.0	33.2	
29 Acetonitrile	40	3.290	3.290	0.000	100	36277	200.0	276.0	
30 Methylene Chloride	84	3.357	3.357	0.000	91	95648	20.0	21.1	
* 31 TBA-d9 (IS)	65	3.376	3.376	0.000	0	219544	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.461	3.461	0.000	97	53840	200.0	189.5	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	97	187821	20.0	17.1	
34 trans-1,2-Dichloroethene	96	3.577	3.577	0.000	95	96841	20.0	21.7	
35 Acrylonitrile	53	3.674	3.674	0.000	94	202012	200.0	279.0	
36 Hexane	57	3.772	3.772	0.000	91	151697	20.0	22.9	
37 Isopropyl ether	45	4.034	4.034	0.000	98	235608	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	4.058	4.058	0.000	99	162367	20.0	22.3	
39 Vinyl acetate	86	4.095	4.095	0.000	99	25688	40.0	31.8	
40 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	88	86201	20.0	21.4	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	196016	20.0	18.4	
43 2,2-Dichloropropane	79	4.650	4.650	0.000	96	36646	20.0	18.3	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	94	215965	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.692	4.692	0.000	98	92885	20.0	21.0	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	100	32250	100.0	96.3	
46 Ethyl acetate	70	4.741	4.741	0.000	97	11280	40.0	39.4	
47 Methyl acrylate	55	4.796	4.796	0.000	100	46775	20.0	17.3	
48 Propionitrile	54	4.881	4.881	0.000	98	71853	200.0	217.5	
50 Tetrahydrofuran	72	4.961	4.961	0.000	53	13534	40.0	39.5	
49 Chlorobromomethane	128	4.967	4.967	0.000	85	39602	20.0	19.6	
51 Methacrylonitrile	67	5.003	5.003	0.000	90	227717	200.0	164.6	
52 Chloroform	83	5.040	5.040	0.000	99	138935	20.0	20.2	
53 Cyclohexane	84	5.168	5.168	0.000	89	138570	20.0	22.0	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	99	116106	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	183762	50.0	51.6	
56 Carbon tetrachloride	117	5.339	5.339	0.000	97	102783	20.0	19.2	
57 1,1-Dichloropropene	75	5.387	5.387	0.000	99	124064	20.0	22.5	
58 Isobutyl alcohol	43	5.589	5.589	0.000	93	100719	500.0	659.3	
59 Benzene	78	5.625	5.625	0.000	95	323781	20.0	23.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.649	0.000	96	162044	50.0	47.0	
61 Tert-amyl methyl ether	87	5.729	5.729	0.000	92	50945	20.0	15.8	
62 Isopropyl acetate	43	5.735	5.735	0.000	98	141805	20.0	14.9	
63 1,2-Dichloroethane	62	5.747	5.747	0.000	97	84154	20.0	18.0	
64 n-Heptane	43	5.838	5.838	0.000	90	128495	20.0	21.7	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	575771	50.0	50.0	
66 n-Butanol	56	6.412	6.412	0.000	87	28790	500.0	467.0	
67 Trichloroethene	95	6.424	6.424	0.000	99	82305	20.0	21.0	
68 Methylcyclohexane	83	6.564	6.564	0.000	93	150604	20.0	21.6	
69 Ethyl acrylate	55	6.607	6.607	0.000	98	66422	20.0	15.9	
70 1,2-Dichloropropane	63	6.777	6.777	0.000	94	76918	20.0	22.1	
* 71 1,4-Dioxane-d8	96	6.857	6.857	0.000	0	21065	1000.0	1000.0	
72 Methyl methacrylate	100	6.893	6.893	0.000	86	27240	40.0	30.1	
73 1,4-Dioxane	88	6.918	6.918	0.000	91	11639	400.0	436.2	
74 Dibromomethane	93	6.924	6.924	0.000	98	40434	20.0	18.6	
75 n-Propyl acetate	43	6.966	6.966	0.000	98	65084	20.0	16.1	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	86031	20.0	18.7	
77 2-Nitropropane	41	7.448	7.448	0.000	99	15636	40.0	20.2	
78 2-Chloroethyl vinyl ether	63	7.460	7.460	0.000	94	28060	20.0	15.8	
79 Epichlorohydrin	57	7.552	7.552	0.000	99	87963	400.0	411.8	
80 cis-1,3-Dichloropropene	75	7.606	7.606	0.000	89	107705	20.0	21.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	95	205673	100.0	104.0	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	600977	50.0	56.5	
83 Toluene	91	7.887	7.887	0.000	93	306422	20.0	21.8	
84 trans-1,3-Dichloropropene	75	8.198	8.198	0.000	98	83042	20.0	18.6	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	61316	20.0	16.3	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	97	45811	20.0	20.4	
87 Tetrachloroethene	166	8.393	8.393	0.000	96	75414	20.0	20.1	
88 1,3-Dichloropropane	76	8.527	8.527	0.000	89	90608	20.0	21.2	
89 2-Hexanone	43	8.570	8.570	0.000	95	136816	100.0	99.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 n-Butyl acetate	73	8.661	8.661	0.000	98	12082	20.0	16.9	
91 Chlorodibromomethane	129	8.698	8.698	0.000	97	55125	20.0	17.6	
92 Ethylene Dibromide	107	8.807	8.807	0.000	99	50030	20.0	19.2	
* 93 Chlorobenzene-d5	117	9.185	9.185	0.000	85	364209	50.0	50.0	
94 Chlorobenzene	112	9.210	9.210	0.000	97	184962	20.0	21.6	
95 Ethylbenzene	106	9.271	9.271	0.000	98	101250	20.0	21.3	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	96	58545	20.0	18.9	
97 m-Xylene & p-Xylene	106	9.374	9.374	0.000	100	124585	20.0	21.9	
98 n-Butyl acrylate	73	9.679	9.679	0.000	98	32726	20.0	16.4	
99 o-Xylene	106	9.704	9.704	0.000	94	115419	20.0	21.5	
100 Styrene	104	9.728	9.728	0.000	96	191785	20.0	20.7	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	92	68578	20.0	18.6	
102 Bromoform	173	9.899	9.899	0.000	95	30456	20.0	14.5	
103 Isopropylbenzene	105	9.984	9.984	0.000	95	316839	20.0	22.8	
$ 104 4-Bromofluorobenzene	174	10.149	10.149	0.000	0	167986	50.0	54.2	
105 Bromobenzene	156	10.258	10.258	0.000	97	70742	20.0	21.1	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.277	0.000	98	60143	20.0	20.1	
107 N-Propylbenzene	91	10.301	10.301	0.000	99	386659	20.0	25.0	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	96	16028	20.0	18.4	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	81	14586	20.0	16.7	
110 4-Ethyltoluene	105	10.386	10.386	0.000	99	308295	20.0	23.8	
111 2-Chlorotoluene	91	10.392	10.392	0.000	96	247863	20.0	23.8	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	254641	20.0	23.5	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	219996	20.0	23.6	
114 Butyl Methacrylate	87	10.496	10.496	0.000	89	65471	20.0	18.7	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	224329	20.0	24.0	
116 1,2,4-Trimethylbenzene	105	10.722	10.722	0.000	97	248014	20.0	23.2	
117 sec-Butylbenzene	105	10.838	10.838	0.000	99	344931	20.0	24.3	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	282013	20.0	23.5	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	96	137484	20.0	21.7	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	95	178422	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	95	138884	20.0	21.7	
122 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	98	250479	20.0	22.4	
123 Benzyl chloride	126	11.130	11.130	0.000	99	16075	20.0	13.9	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	256052	20.0	19.0	
125 p-Diethylbenzene	119	11.215	11.215	0.000	93	168103	20.0	23.8	
126 n-Butylbenzene	92	11.234	11.234	0.000	97	159478	20.0	24.4	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	97	129168	20.0	21.3	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	97	231582	20.0	22.0	
129 1,2-Dibromo-3-Chloropropane	157	11.929	11.929	0.000	93	10386	20.0	15.8	
130 1,3,5-Trichlorobenzene	180	12.051	12.051	0.000	97	104006	20.0	21.6	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	85876	20.0	20.8	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	91	46460	20.0	18.9	
133 Naphthalene	128	12.922	12.922	0.000	99	172731	20.0	18.7	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	78627	20.0	20.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	43.4	
S 138 Total BTEX	1				0		100.0	109.5	

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 13:55:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71882.D

Injection Date: 31-Aug-2020 05:02:30 Instrument ID: CVOAMS4 Operator ID:

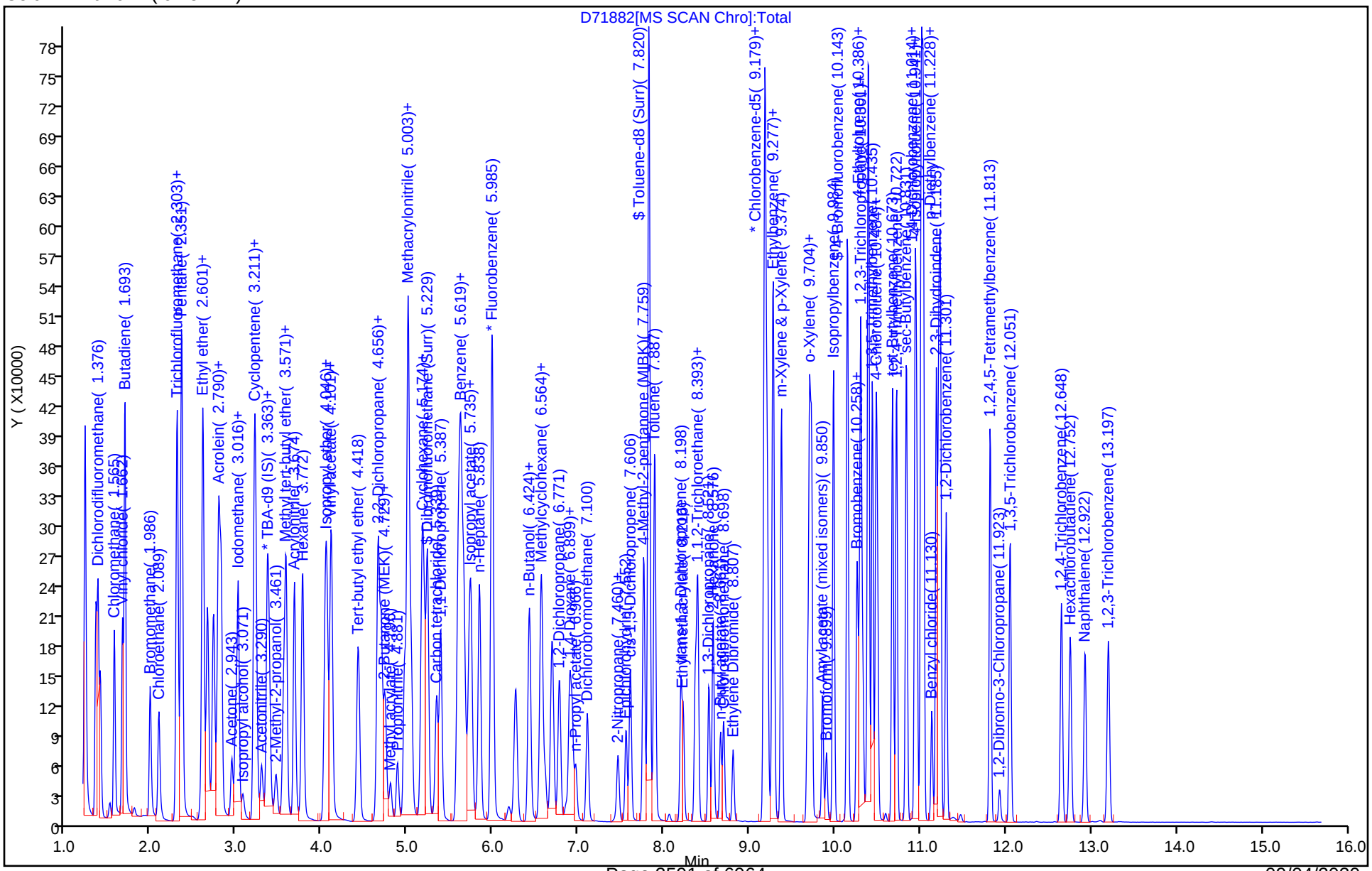
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720746/3

Matrix: Solid Lab File ID: K18627.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0230		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0193		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0270		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0202		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0223		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0243		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0210		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0219		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0191		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0200		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0198		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0197		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0207		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0207		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0931		0.0050	0.0027
591-78-6	2-Hexanone	0.105		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.100		0.0050	0.0016
67-64-1	Acetone	0.108		0.0060	0.0057
71-43-2	Benzene	0.0202		0.0010	0.00026
75-25-2	Bromoform	0.0182		0.0010	0.00043
74-83-9	Bromomethane	0.0192		0.0010	0.00047
75-15-0	Carbon disulfide	0.0236		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0228		0.0010	0.00039
108-90-7	Chlorobenzene	0.0197		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0206		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0184		0.0010	0.00019
75-00-3	Chloroethane	0.0203		0.0010	0.00052
67-66-3	Chloroform	0.0211		0.0010	0.00032
74-87-3	Chloromethane	0.0210		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0211		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0193		0.0010	0.00027
110-82-7	Cyclohexane	0.0247		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0192		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0233		0.0010	0.00034
100-41-4	Ethylbenzene	0.0199		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720746/3

Matrix: Solid Lab File ID: K18627.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0199		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0209		0.0010	0.00013
79-20-9	Methyl acetate	0.0366		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0219		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0244		0.0010	0.00050
75-09-2	Methylene Chloride	0.0195		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0195		0.0010	0.00017
95-47-6	o-Xylene	0.0194		0.0010	0.00019
100-42-5	Styrene	0.0198		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0208		0.0010	0.00014
108-88-3	Toluene	0.0196		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0224		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0193		0.0010	0.00027
79-01-6	Trichloroethene	0.0204		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0220		0.0010	0.00041
75-01-4	Vinyl chloride	0.0215		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0389		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-145
460-00-4	4-Bromofluorobenzene	104		79-125
1868-53-7	Dibromofluoromethane (Surr)	108		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18627.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-Aug-2020 05:08:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116031-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:50:50 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:50:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.128	1.139	-0.011	76	117812	20.0	23.3	a
6 Chloromethane	50	1.254	1.254	0.000	98	149395	20.0	21.0	
7 Butadiene	54	1.287	1.287	0.000	98	95038	20.0	21.5	
8 Vinyl chloride	62	1.314	1.319	-0.005	97	105039	20.0	21.5	
9 Bromomethane	94	1.488	1.494	-0.006	99	64664	20.0	19.2	
10 Chloroethane	64	1.527	1.527	0.000	100	51099	20.0	20.3	
11 Dichlorofluoromethane	67	1.669	1.674	-0.005	99	130624	20.0	20.9	
13 Pentane	72	1.701	1.707	-0.006	98	25574	40.0	42.5	
12 Trichlorofluoromethane	101	1.723	1.723	0.000	98	103973	20.0	22.0	
15 Ethyl ether	59	1.838	1.843	-0.005	96	55429	20.0	21.7	
16 2-Methyl-1,3-butadiene	53	1.860	1.860	0.000	91	73594	20.0	24.3	M
14 Ethanol	46	1.887	1.876	0.011	69	22273	800.0	763.2	Ma
19 Acrolein	56	1.930	1.930	0.000	96	151859	300.0	274.9	
21 1,1-Dichloroethene	96	2.012	2.007	0.005	97	71911	20.0	24.3	
22 Acetone	43	2.029	2.034	-0.005	87	132848	100.0	108.2	
20 112TCTFE	101	2.040	2.045	-0.005	66	81226	20.0	27.0	
23 Iodomethane	142	2.116	2.121	-0.005	99	139168	20.0	21.9	
24 Isopropyl alcohol	45	2.138	2.149	-0.011	93	79765	200.0	167.4	
25 Carbon disulfide	76	2.176	2.176	0.000	99	312422	20.0	23.6	M
26 3-Chloro-1-propene	39	2.241	2.247	-0.006	86	97975	20.0	20.8	a
27 Methyl acetate	43	2.252	2.252	0.000	99	120263	40.0	36.6	
29 Acetonitrile	41	2.296	2.302	-0.006	26	54374	200.0	140.6	a
28 Cyclopentene	67	2.301	2.307	-0.006	92	205816	20.0	24.0	
31 Methylene Chloride	84	2.334	2.334	0.000	97	87057	20.0	19.5	
* 30 TBA-d9 (IS)	65	2.394	2.400	-0.006	99	440629	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.443	2.449	-0.006	91	112972	200.0	173.5	a
35 Acrylonitrile	53	2.503	2.503	0.000	94	291081	200.0	215.8	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	98	75195	20.0	22.4	
33 Methyl tert-butyl ether	73	2.558	2.547	0.011	97	197332	20.0	21.9	
36 Hexane	43	2.733	2.733	0.000	94	82303	20.0	26.7	
38 1,1-Dichloroethane	63	2.847	2.847	0.000	99	146548	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.885	2.885	0.000	100	23375	40.0	24.2	
37 Isopropyl ether	45	2.913	2.924	-0.011	87	268777	20.0	22.4	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	85	69510	20.0	22.6	
41 Tert-butyl ethyl ether	59	3.218	3.218	0.000	88	253782	20.0	23.7	
* 42 2-Butanone-d5	46	3.278	3.284	-0.006	92	288592	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.322	3.322	0.000	95	84305	20.0	21.1	
46 2-Butanone (MEK)	72	3.327	3.333	-0.006	99	39961	100.0	93.1	
43 2,2-Dichloropropane	79	3.333	3.344	-0.011	91	37020	20.0	22.5	
45 Ethyl acetate	70	3.387	3.382	0.005	98	12887	40.0	34.7	
48 Propionitrile	54	3.382	3.387	-0.005	95	113587	200.0	161.4	a
47 Methyl acrylate	55	3.409	3.415	-0.006	99	74531	20.0	21.8	a
51 Methacrylonitrile	67	3.513	3.513	0.000	94	270088	200.0	200.9	
50 Chlorobromomethane	128	3.529	3.529	0.000	95	39450	20.0	20.6	
49 Tetrahydrofuran	72	3.578	3.578	0.000	89	18931	40.0	39.8	
52 Chloroform	83	3.600	3.606	-0.006	99	131675	20.0	21.1	
$ 55 Dibromofluoromethane (Surr)	113	3.747	3.747	0.000	97	183487	50.0	54.0	
54 1,1,1-Trichloroethane	97	3.786	3.780	0.006	99	115199	20.0	23.0	
53 Cyclohexane	84	3.840	3.846	-0.006	94	124175	20.0	24.7	
57 1,1-Dichloropropene	75	3.917	3.922	-0.005	95	96733	20.0	21.0	
56 Carbon tetrachloride	117	3.938	3.938	0.000	98	97029	20.0	22.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.053	4.058	-0.005	0	189301	50.0	54.1	
58 Isobutyl alcohol	74	4.118	4.113	0.005	96	25377	500.0	328.4	a
60 Benzene	78	4.113	4.118	-0.005	95	283280	20.0	20.2	
64 1,2-Dichloroethane	62	4.129	4.135	-0.006	97	87950	20.0	19.8	
59 Isooctane	57	4.217	4.217	0.000	94	344436	20.0	26.3	
62 Isopropyl acetate	43	4.217	4.217	0.000	76	278434	20.0	21.5	a
63 Tert-amyl methyl ether	87	4.244	4.260	-0.016	92	59955	20.0	20.8	a
* 66 Fluorobenzene	96	4.391	4.397	-0.006	98	498998	50.0	50.0	
65 n-Heptane	57	4.402	4.402	0.000	95	78077	20.0	12.4	
68 n-Butanol	56	4.757	4.757	0.000	91	55461	500.0	326.6	
69 Trichloroethene	95	4.779	4.779	0.000	98	65000	20.0	20.4	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	9655	20.0	19.6	
71 Methylcyclohexane	83	5.002	5.002	0.000	95	144699	20.0	24.4	
72 1,2-Dichloropropane	63	5.019	5.019	0.000	91	67725	20.0	19.7	
* 73 1,4-Dioxane-d8	96	5.133	5.133	0.000	98	35970	1000.0	1000.0	
77 Dibromomethane	93	5.144	5.150	-0.006	97	39253	20.0	19.6	
74 Methyl methacrylate	69	5.182	5.182	0.000	94	71911	40.0	39.8	
75 1,4-Dioxane	88	5.199	5.193	0.006	88	19392	400.0	392.1	a
76 n-Propyl acetate	43	5.270	5.270	0.000	99	81825	20.0	19.6	
78 Dichlorobromomethane	83	5.341	5.341	0.000	99	80280	20.0	19.2	
79 2-Nitropropane	41	5.608	5.614	-0.006	99	25092	40.0	34.3	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	95	15470	20.0	28.3	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	118130	400.0	390.6	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	88739	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.105	6.105	0.000	97	336015	100.0	100.5	
$ 83 Toluene-d8 (Surr)	98	6.208	6.214	-0.006	99	555398	50.0	50.3	
84 Toluene	91	6.296	6.296	0.000	94	243252	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.601	6.607	-0.006	97	72317	20.0	19.3	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	66017	20.0	19.2	
87 1,1,2-Trichloroethane	83	6.836	6.836	0.000	96	41119	20.0	20.2	
88 Tetrachloroethene	166	7.016	7.016	0.000	98	59547	20.0	20.8	
89 1,3-Dichloropropane	76	7.059	7.059	0.000	95	78362	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.229	7.229	0.000	98	201607	100.0	104.6	
92 Chlorodibromomethane	129	7.360	7.360	0.000	98	51070	20.0	18.4	
91 n-Butyl acetate	43	7.452	7.452	0.000	99	88266	20.0	19.8	
93 Ethylene Dibromide	107	7.490	7.496	-0.006	98	46444	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	349672	50.0	50.0	
95 Chlorobenzene	112	8.227	8.227	0.000	94	147528	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.374	8.374	0.000	94	63993	20.0	18.9	
96 Ethylbenzene	106	8.429	8.429	0.000	99	82525	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	101176	20.0	19.5	
100 o-Xylene	106	9.215	9.215	0.000	93	107516	20.0	19.4	
101 Styrene	104	9.242	9.242	0.000	95	159194	20.0	19.8	
99 n-Butyl acrylate	73	9.280	9.280	0.000	96	43444	20.0	20.1	
103 Bromoform	173	9.482	9.482	0.000	96	34451	20.0	18.2	
102 Amyl acetate (mixed isomers)	43	9.673	9.673	0.000	90	106166	20.0	19.3	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	297226	20.0	20.9	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	96	172106	50.0	52.1	
106 Bromobenzene	156	10.235	10.235	0.000	98	65801	20.0	19.1	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	76040	20.0	19.3	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	18906	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	87	17558	20.0	20.3	
108 N-Propylbenzene	91	10.497	10.497	0.000	99	346205	20.0	20.5	
111 2-Chlorotoluene	91	10.584	10.584	0.000	97	206094	20.0	19.9	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	278137	20.0	21.0	
114 4-Chlorotoluene	91	10.775	10.770	0.005	97	205386	20.0	20.7	M
113 1,3,5-Trimethylbenzene	105	10.813	10.813	0.000	92	253574	20.0	19.9	
115 Butyl Methacrylate	87	11.081	11.081	0.000	93	77562	20.0	19.2	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	197284	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	11.392	11.392	0.000	98	258005	20.0	19.8	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	336104	20.0	21.0	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	132499	20.0	20.7	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	199836	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.845	11.845	0.000	73	131673	20.0	20.7	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	280975	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	274687	20.0	20.3	
124 Benzyl chloride	91	12.036	12.036	0.000	98	108801	20.0	19.5	
125 2,3-Dihydroindene	117	12.161	12.156	0.005	95	246607	20.0	19.8	
128 1,2-Dichlorobenzene	146	12.281	12.287	-0.006	96	139293	20.0	20.0	
126 p-Diethylbenzene	119	12.314	12.314	0.000	90	151791	20.0	22.4	a
127 n-Butylbenzene	92	12.336	12.341	-0.005	99	160055	20.0	22.9	
130 1,2-Dibromo-3-Chloropropane	157	13.127	13.132	-0.005	93	17497	20.0	19.1	
129 1,2,4,5-Tetramethylbenzene	119	13.138	13.143	-0.005	97	298433	20.0	21.7	
131 1,3,5-Trichlorobenzene	180	13.340	13.351	-0.011	98	135014	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	13.913	13.924	-0.011	93	132819	20.0	21.9	
133 Hexachlorobutadiene	225	14.093	14.104	-0.011	97	65175	20.0	21.4	
134 Naphthalene	128	14.120	14.131	-0.011	99	311780	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	14.338	14.349	-0.011	96	137164	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.5	
S 137 Xylenes, Total	100				0		40.0	38.9	
S 139 Total BTEX	1				0		100.0	98.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 16:50:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18627.D

Injection Date: 31-Aug-2020 05:08:30 Instrument ID: CVOAMS9 Operator ID:

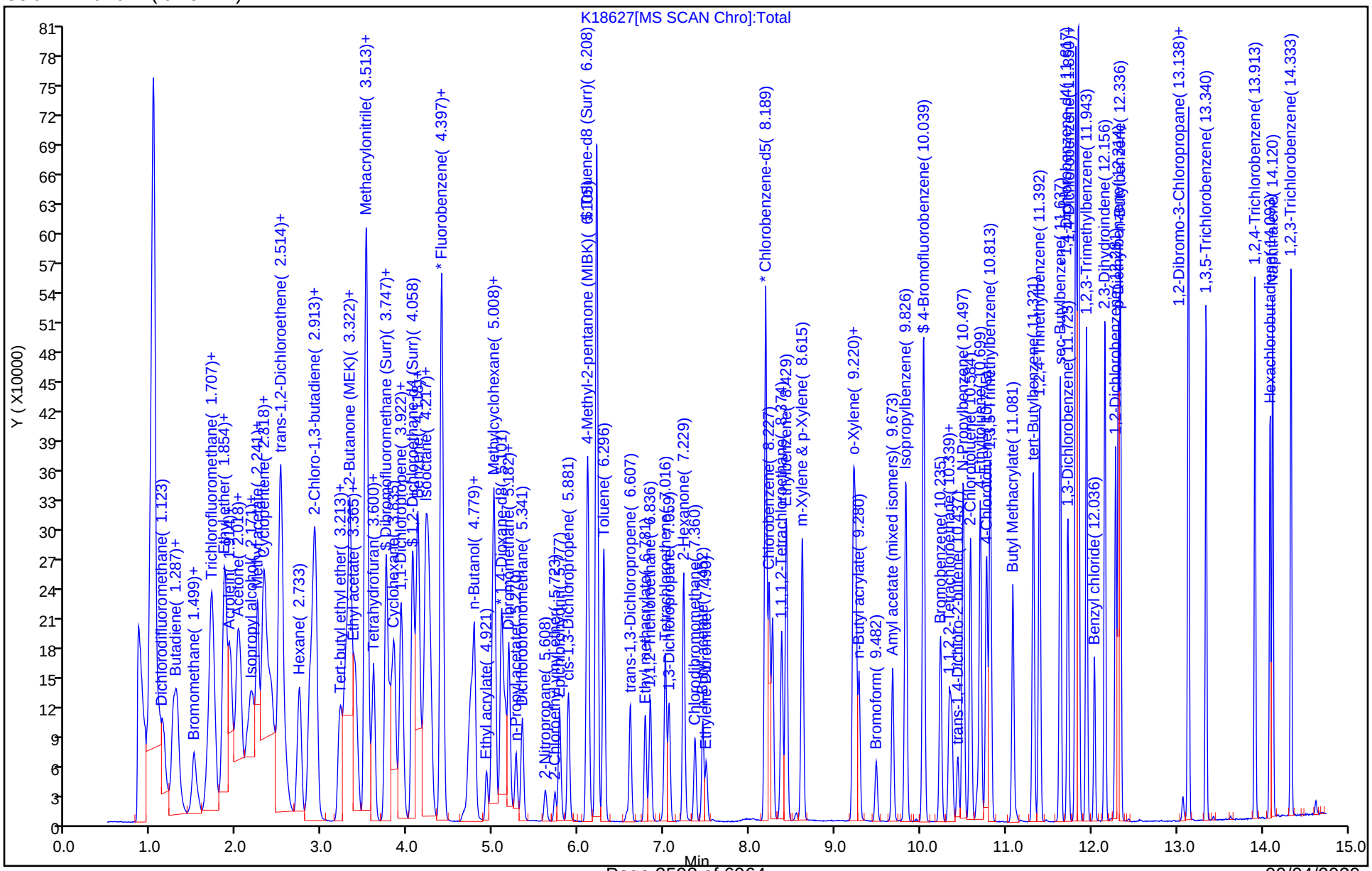
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

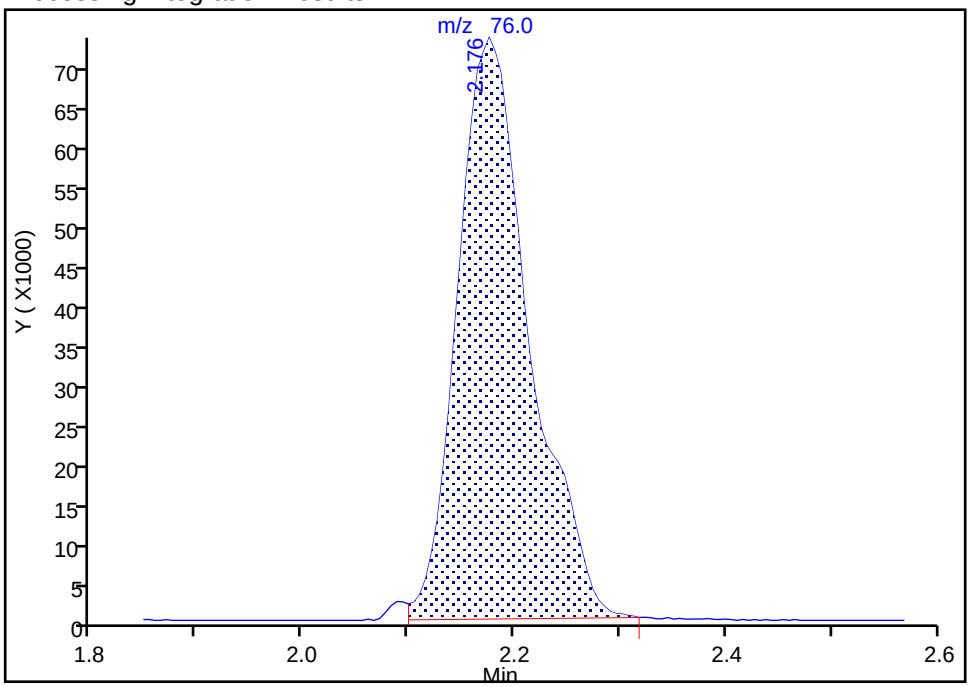
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18627.D
Injection Date: 31-Aug-2020 05:08:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

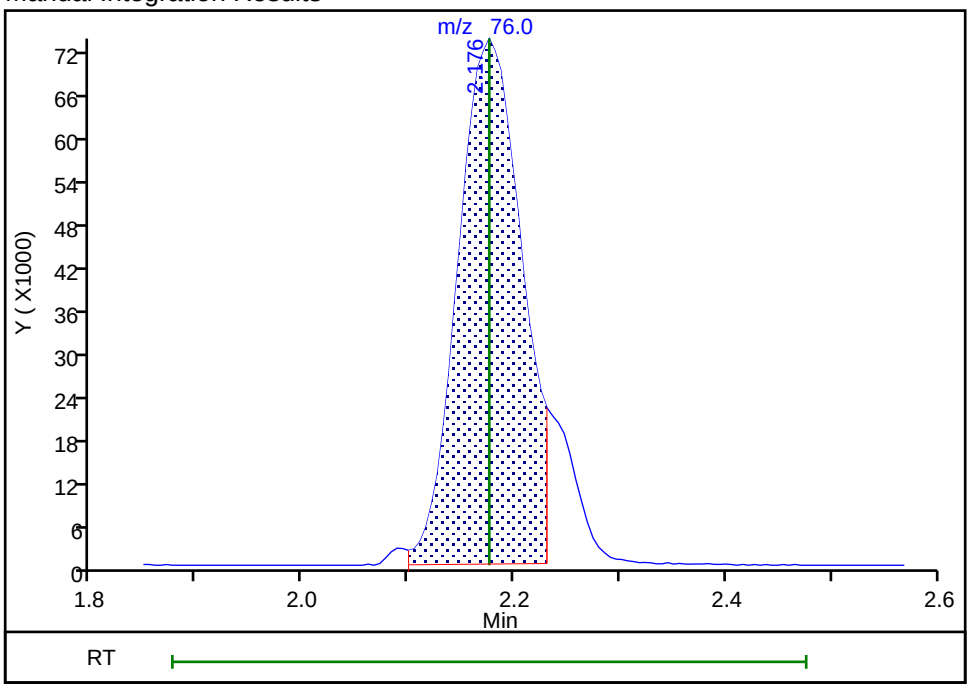
Processing Integration Results

RT: 2.18
Area: 348286
Amount: 26.339181
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 312422
Amount: 23.626960
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 16:50:08
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

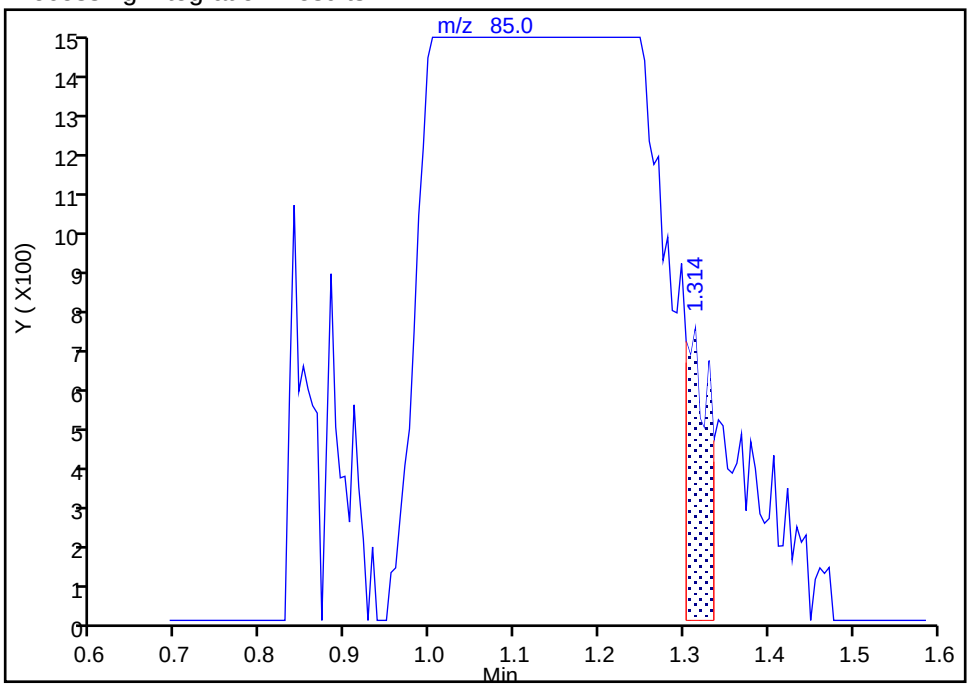
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18627.D
Injection Date: 31-Aug-2020 05:08:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

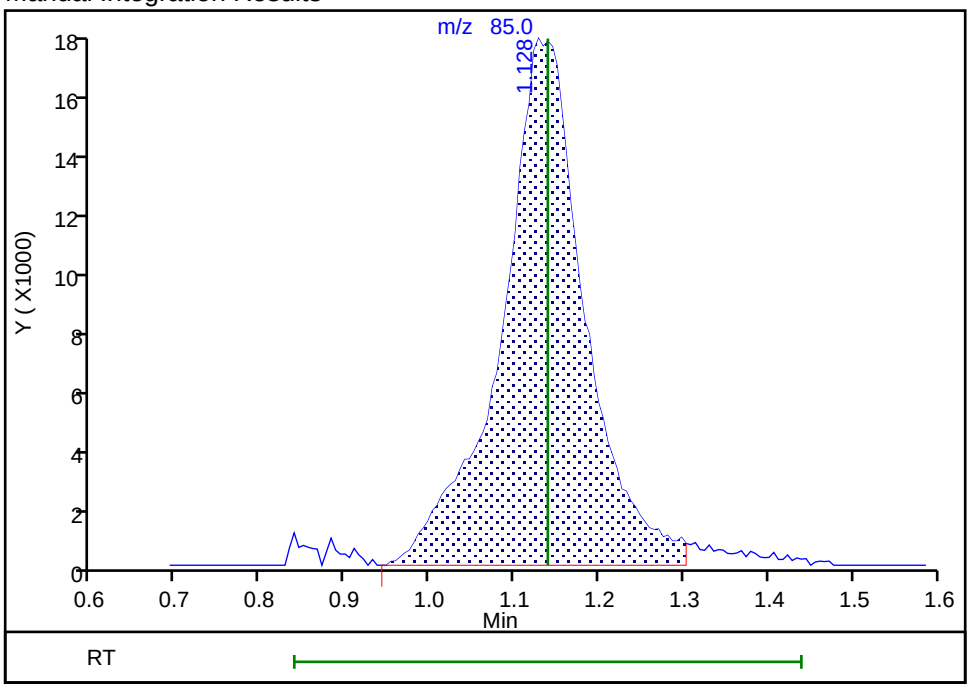
Processing Integration Results

RT: 1.31
Area: 1383
Amount: 0.273875
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 117812
Amount: 23.330263
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:32:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

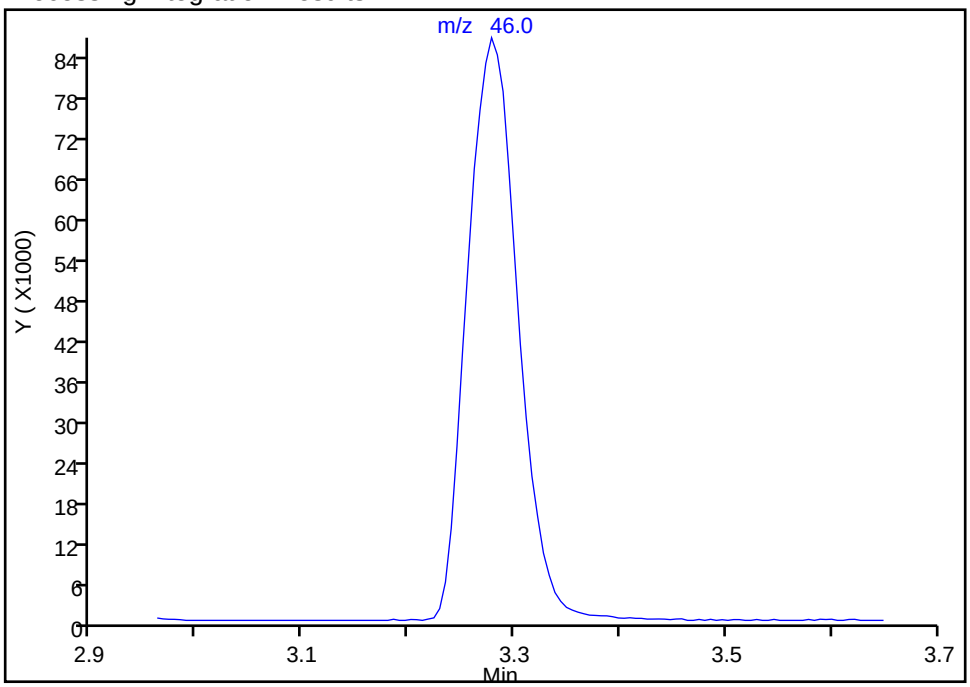
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18627.D
Injection Date: 31-Aug-2020 05:08:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

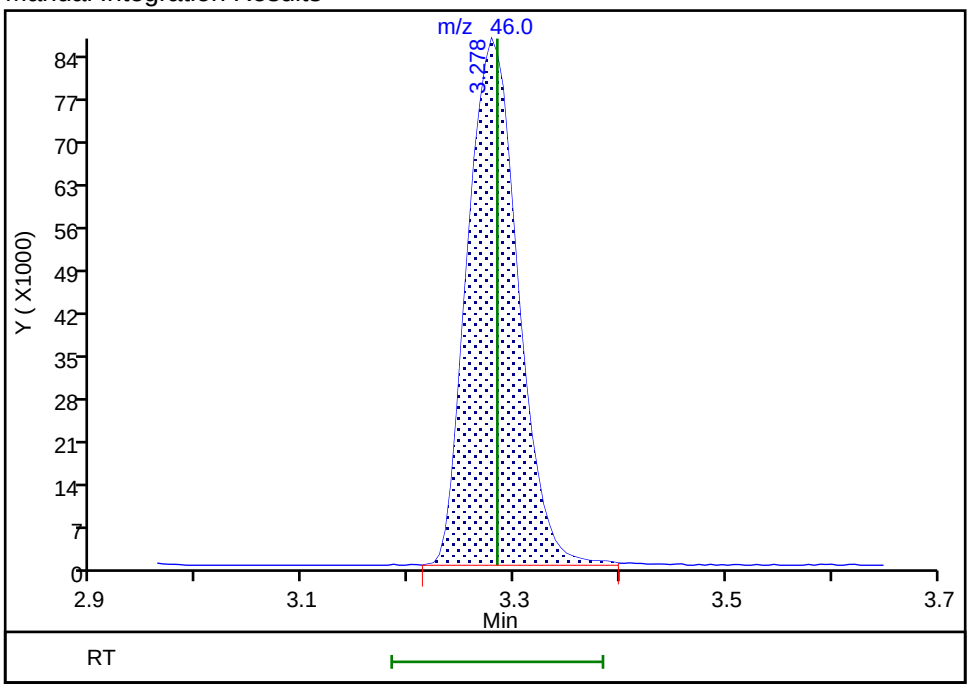
Not Detected
Expected RT: 3.28

Processing Integration Results



Manual Integration Results

RT: 3.28
Area: 288592
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:32:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721040/6

Matrix: Solid Lab File ID: K18657.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0218		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0178		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0247		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0185		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0208		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0226		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0202		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0218		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0177		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0199		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0183		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0191		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0203		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0200		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0897		0.0050	0.0027
591-78-6	2-Hexanone	0.0970		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0990		0.0050	0.0016
67-64-1	Acetone	0.0987		0.0060	0.0057
71-43-2	Benzene	0.0198		0.0010	0.00026
75-25-2	Bromoform	0.0171		0.0010	0.00043
74-83-9	Bromomethane	0.0220		0.0010	0.00047
75-15-0	Carbon disulfide	0.0208		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0219		0.0010	0.00039
108-90-7	Chlorobenzene	0.0196		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0200		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0173		0.0010	0.00019
75-00-3	Chloroethane	0.0234		0.0010	0.00052
67-66-3	Chloroform	0.0204		0.0010	0.00032
74-87-3	Chloromethane	0.0236		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0207		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0178		0.0010	0.00027
110-82-7	Cyclohexane	0.0242		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0180		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0268		0.0010	0.00034
100-41-4	Ethylbenzene	0.0209		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721040/6

Matrix: Solid Lab File ID: K18657.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0181		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0222		0.0010	0.00013
79-20-9	Methyl acetate	0.0339		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0194		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0244		0.0010	0.00050
75-09-2	Methylene Chloride	0.0176		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0203		0.0010	0.00017
95-47-6	o-Xylene	0.0203		0.0010	0.00019
100-42-5	Styrene	0.0201		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0214		0.0010	0.00014
108-88-3	Toluene	0.0198		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0220		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0170		0.0010	0.00027
79-01-6	Trichloroethene	0.0204		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0253		0.0010	0.00041
75-01-4	Vinyl chloride	0.0246		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0406		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18657.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Sep-2020 10:10:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116107-006
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 12:54:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 12:41:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.150	1.139	0.011	89	143031	20.0	26.8	
6 Chloromethane	50	1.259	1.249	0.011	99	177288	20.0	23.6	
7 Butadiene	54	1.292	1.287	0.005	98	114263	20.0	24.5	
8 Vinyl chloride	62	1.325	1.314	0.011	98	127064	20.0	24.6	
9 Bromomethane	94	1.505	1.489	0.016	99	78197	20.0	22.0	
10 Chloroethane	64	1.538	1.532	0.006	100	62345	20.0	23.4	
11 Dichlorofluoromethane	67	1.674	1.669	0.005	99	149225	20.0	22.6	
13 Pentane	72	1.723	1.707	0.016	95	24925	40.0	45.0	
12 Trichlorofluoromethane	101	1.723	1.718	0.005	54	126447	20.0	25.3	
15 Ethyl ether	59	1.849	1.843	0.006	97	54348	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	1.876	1.865	0.011	94	82737	20.0	25.9	
14 Ethanol	46	1.909	1.925	-0.016	69	16113	800.0	600.5	Ma
19 Acrolein	56	1.942	1.931	0.011	95	152374	300.0	300.0	
21 1,1-Dichloroethene	96	2.012	2.012	0.000	96	70882	20.0	22.6	
22 Acetone	43	2.045	2.040	0.005	86	118262	100.0	98.7	
20 112TCTFE	101	2.045	2.051	-0.006	69	78653	20.0	24.7	
23 Iodomethane	142	2.127	2.116	0.011	98	134474	20.0	20.0	
24 Isopropyl alcohol	45	2.182	2.160	0.022	27	52784	200.0	120.6	
25 Carbon disulfide	76	2.182	2.165	0.017	99	290165	20.0	20.8	M
26 3-Chloro-1-propene	39	2.247	2.242	0.005	88	103884	20.0	20.8	a
27 Methyl acetate	43	2.269	2.258	0.011	100	102497	40.0	33.9	
29 Acetonitrile	41	2.307	2.280	0.027	30	53770	200.0	151.2	a
28 Cyclopentene	67	2.318	2.312	0.006	94	207864	20.0	23.0	
31 Methylene Chloride	84	2.345	2.334	0.011	95	83080	20.0	17.6	
* 30 TBA-d9 (IS)	65	2.411	2.400	0.011	95	405112	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.476	2.465	0.011	91	97075	200.0	162.2	a
35 Acrylonitrile	53	2.514	2.503	0.011	94	276473	200.0	194.1	
34 trans-1,2-Dichloroethene	96	2.542	2.531	0.011	97	78121	20.0	22.0	
33 Methyl tert-butyl ether	73	2.569	2.547	0.022	96	183937	20.0	19.4	
36 Hexane	43	2.744	2.744	0.000	94	77368	20.0	23.8	
38 1,1-Dichloroethane	63	2.858	2.842	0.016	99	144272	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.896	2.891	0.005	100	22819	40.0	25.7	M
37 Isopropyl ether	45	2.929	2.918	0.011	87	259638	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	2.929	2.924	0.005	91	74382	20.0	22.9	
41 Tert-butyl ethyl ether	59	3.218	3.207	0.011	89	244180	20.0	21.6	
* 42 2-Butanone-d5	46	3.306	3.289	0.017	92	281761	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	3.333	3.322	0.011	95	87559	20.0	20.7	
46 2-Butanone (MEK)	72	3.349	3.338	0.011	97	37566	100.0	89.7	M
43 2,2-Dichloropropane	79	3.349	3.349	0.000	77	36608	20.0	21.0	
48 Propionitrile	54	3.404	3.393	0.011	95	108079	200.0	167.0	
45 Ethyl acetate	70	3.371	3.404	-0.033	93	13177	40.0	36.3	M
47 Methyl acrylate	55	3.437	3.426	0.011	99	70695	20.0	19.6	Ma
51 Methacrylonitrile	67	3.529	3.524	0.005	93	264134	200.0	186.1	
50 Chlorobromomethane	128	3.540	3.529	0.011	94	40518	20.0	20.0	
49 Tetrahydrofuran	72	3.595	3.584	0.011	82	18039	40.0	38.8	
52 Chloroform	83	3.617	3.606	0.011	98	134400	20.0	20.4	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	189920	50.0	53.0	
54 1,1,1-Trichloroethane	97	3.791	3.786	0.005	99	115280	20.0	21.8	
53 Cyclohexane	84	3.851	3.846	0.005	92	128384	20.0	24.2	
57 1,1-Dichloropropene	75	3.933	3.922	0.011	97	102977	20.0	21.1	
56 Carbon tetrachloride	117	3.944	3.938	0.006	98	98735	20.0	21.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.070	4.064	0.005	0	191015	50.0	51.7	
58 Isobutyl alcohol	74	4.124	4.119	0.005	97	23459	500.0	330.2	a
60 Benzene	78	4.130	4.119	0.011	95	292599	20.0	19.8	
64 1,2-Dichloroethane	62	4.146	4.140	0.006	96	85469	20.0	18.3	
59 Isooctane	57	4.217	4.211	0.006	97	346074	20.0	25.0	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	269692	20.0	19.7	a
63 Tert-amyl methyl ether	87	4.255	4.255	0.000	91	57665	20.0	19.0	
* 66 Fluorobenzene	96	4.408	4.402	0.006	98	526895	50.0	50.0	
65 n-Heptane	57	4.424	4.413	0.011	94	83204	20.0	12.5	
68 n-Butanol	56	4.752	4.751	0.001	91	46672	500.0	299.0	M
69 Trichloroethene	95	4.790	4.790	0.000	99	68668	20.0	20.4	
70 Ethyl acrylate	56	4.921	4.915	0.006	99	7788	20.0	15.0	
71 Methylcyclohexane	83	5.008	5.002	0.006	97	152733	20.0	24.4	
72 1,2-Dichloropropane	63	5.035	5.030	0.005	91	69077	20.0	19.1	
77 Dibromomethane	93	5.161	5.150	0.011	97	39416	20.0	18.6	
* 73 1,4-Dioxane-d8	96	5.166	5.155	0.011	48	36207	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.183	0.000	92	67044	40.0	35.1	
75 1,4-Dioxane	88	5.243	5.226	0.017	40	18026	400.0	362.8	a
76 n-Propyl acetate	43	5.264	5.264	0.000	99	73774	20.0	16.8	
78 Dichlorobromomethane	83	5.352	5.341	0.011	99	79745	20.0	18.0	
79 2-Nitropropane	41	5.614	5.614	0.000	99	22796	40.0	29.3	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	96	12864	20.0	22.3	M
80 Epichlorohydrin	57	5.772	5.777	-0.005	99	107972	400.0	365.7	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	93	86009	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.110	0.006	97	323081	100.0	99.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.214	0.005	99	591626	50.0	51.0	
84 Toluene	91	6.301	6.296	0.005	94	257670	20.0	19.8	
85 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	98	66774	20.0	17.0	
86 Ethyl methacrylate	69	6.781	6.781	0.000	90	65616	20.0	18.2	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	95	39587	20.0	18.5	
88 Tetrachloroethene	166	7.021	7.016	0.005	99	64408	20.0	21.4	
89 1,3-Dichloropropane	76	7.060	7.060	0.000	95	74298	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.234	7.229	0.005	97	182441	100.0	97.0	
92 Chlorodibromomethane	129	7.365	7.360	0.005	98	50359	20.0	17.3	
91 n-Butyl acetate	43	7.452	7.452	0.000	99	83166	20.0	17.8	
93 Ethylene Dibromide	107	7.496	7.496	0.000	99	44348	20.0	18.1	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	367273	50.0	50.0	
95 Chlorobenzene	112	8.233	8.227	0.006	94	154228	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	65490	20.0	18.4	
96 Ethylbenzene	106	8.435	8.435	0.000	98	90738	20.0	20.9	
98 m-Xylene & p-Xylene	106	8.620	8.615	0.005	0	110449	20.0	20.3	
100 o-Xylene	106	9.220	9.220	0.000	94	118166	20.0	20.3	
101 Styrene	104	9.242	9.242	0.000	95	169707	20.0	20.1	
99 n-Butyl acrylate	73	9.280	9.280	0.000	96	43489	20.0	19.2	
103 Bromoform	173	9.482	9.482	0.000	96	33953	20.0	17.1	
102 Amyl acetate (mixed isomers)	43	9.673	9.673	0.000	89	101111	20.0	17.2	
104 Isopropylbenzene	105	9.831	9.826	0.005	96	331657	20.0	22.2	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	182216	50.0	52.5	
106 Bromobenzene	156	10.235	10.235	0.000	99	67726	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	98	74776	20.0	17.8	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	18785	20.0	18.3	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.432	0.005	89	15753	20.0	17.1	
108 N-Propylbenzene	91	10.503	10.503	0.001	99	388406	20.0	21.5	
111 2-Chlorotoluene	91	10.584	10.584	0.000	97	222787	20.0	20.1	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	308675	20.0	21.8	
114 4-Chlorotoluene	91	10.775	10.770	0.005	96	217640	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	278545	20.0	20.4	
115 Butyl Methacrylate	87	11.081	11.086	-0.005	92	78469	20.0	18.2	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	211787	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	11.392	11.392	0.000	98	281874	20.0	20.2	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	368761	20.0	21.6	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	138897	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	11.818	11.817	0.001	96	213620	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.845	11.845	0.000	95	136029	20.0	20.0	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	314523	20.0	21.8	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	290203	20.0	20.1	
124 Benzyl chloride	91	12.036	12.036	0.000	98	109417	20.0	18.3	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	94	268245	20.0	20.2	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	96	147984	20.0	19.9	
126 p-Diethylbenzene	119	12.320	12.319	0.001	92	174714	20.0	24.1	
127 n-Butylbenzene	92	12.341	12.341	0.000	98	179433	20.0	24.0	
130 1,2-Dibromo-3-Chloropropane	157	13.143	13.143	0.000	90	17352	20.0	17.7	
129 1,2,4,5-Tetramethylbenzene	119	13.154	13.149	0.005	97	324430	20.0	22.1	
131 1,3,5-Trichlorobenzene	180	13.362	13.362	0.000	98	148051	20.0	23.4	
132 1,2,4-Trichlorobenzene	180	13.940	13.940	0.000	94	141420	20.0	21.8	
133 Hexachlorobutadiene	225	14.115	14.115	0.000	96	71400	20.0	21.9	
134 Naphthalene	128	14.147	14.147	0.000	99	317868	20.0	19.7	
135 1,2,3-Trichlorobenzene	180	14.366	14.360	0.006	96	140964	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 137 Xylenes, Total	100				0		40.0	40.6	
S 139 Total BTEX	1				0		100.0	101.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 12:54:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18657.D

Injection Date: 01-Sep-2020 10:10:30 Instrument ID: CVOAMS9 Operator ID:

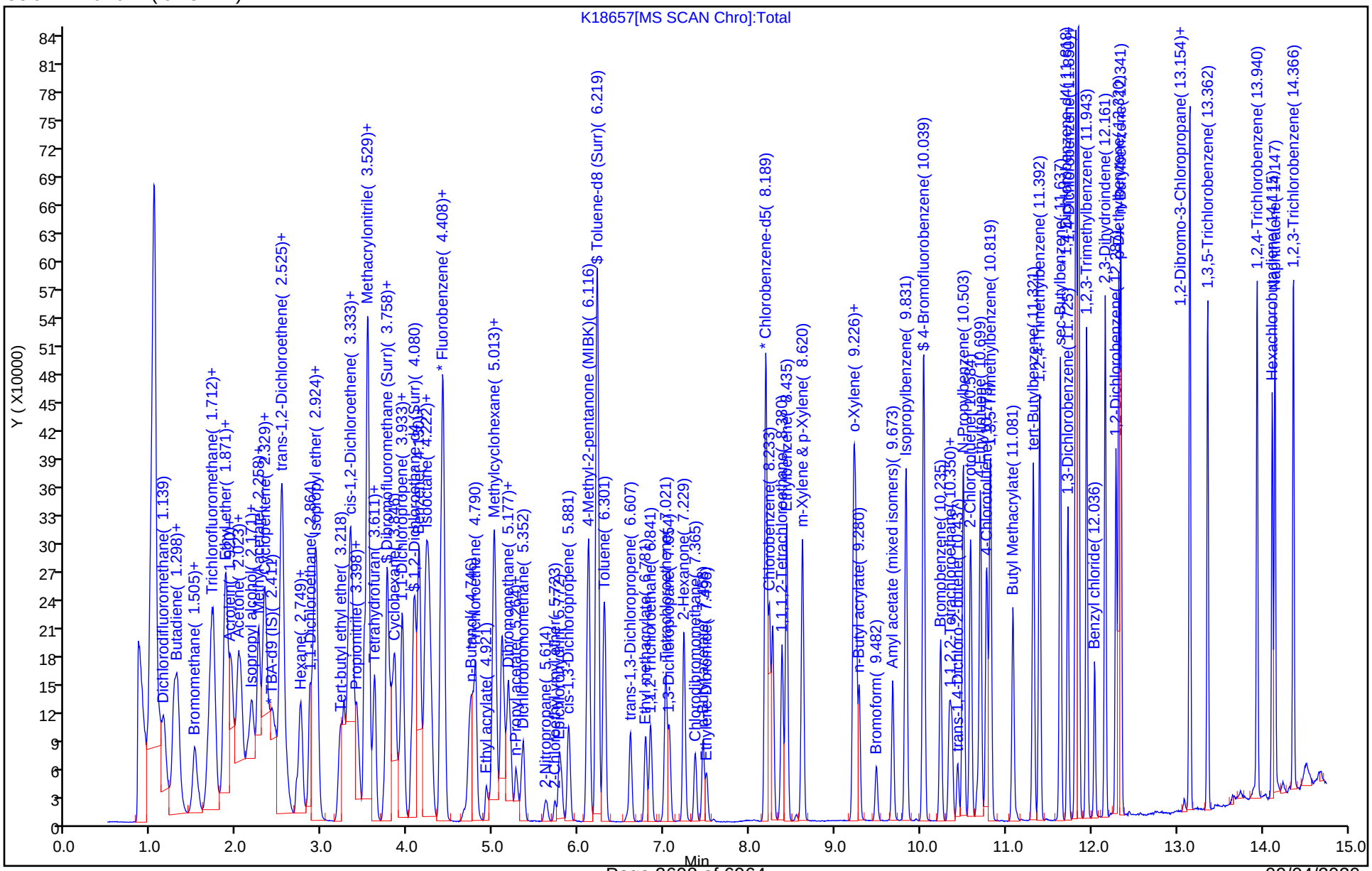
Lims ID: LCS Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

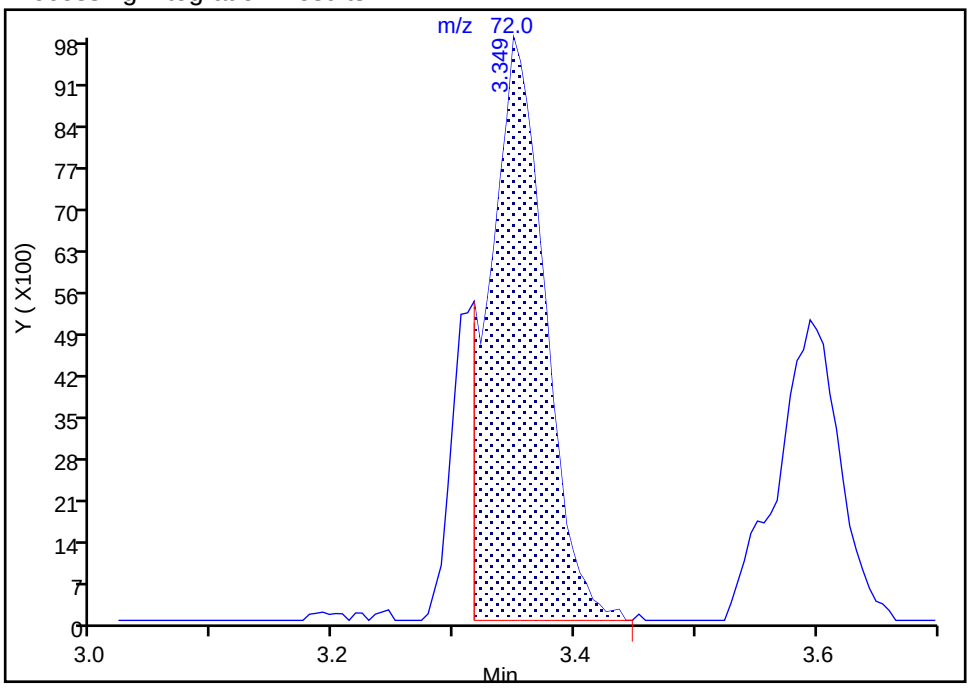
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18657.D
Injection Date: 01-Sep-2020 10:10:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

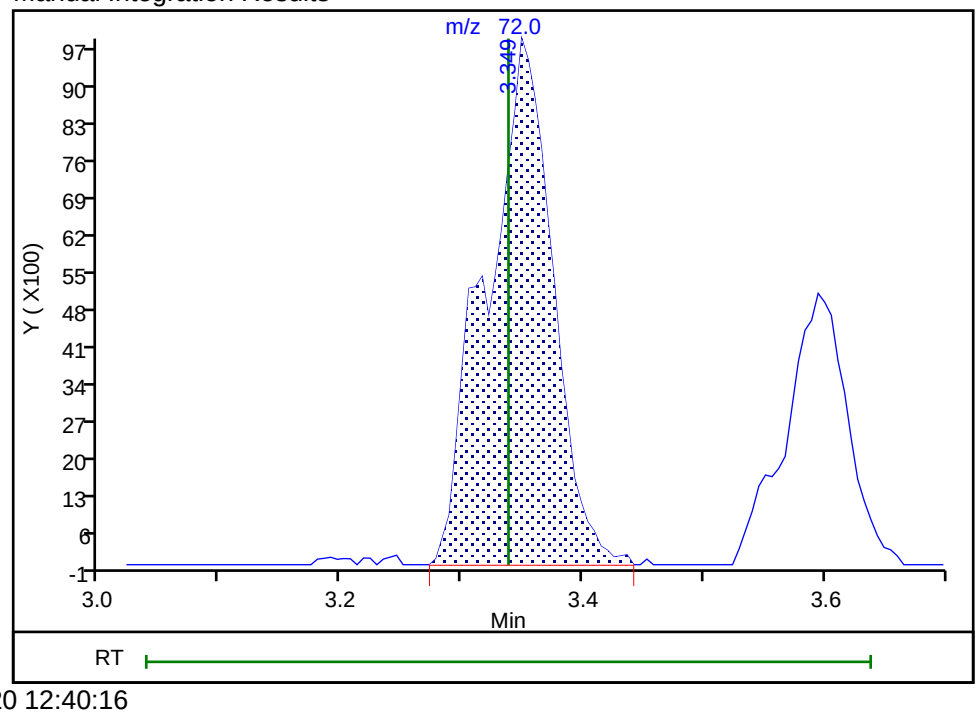
Processing Integration Results

RT: 3.35
Area: 31617
Amount: 75.454191
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 37566
Amount: 89.651522
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:40:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

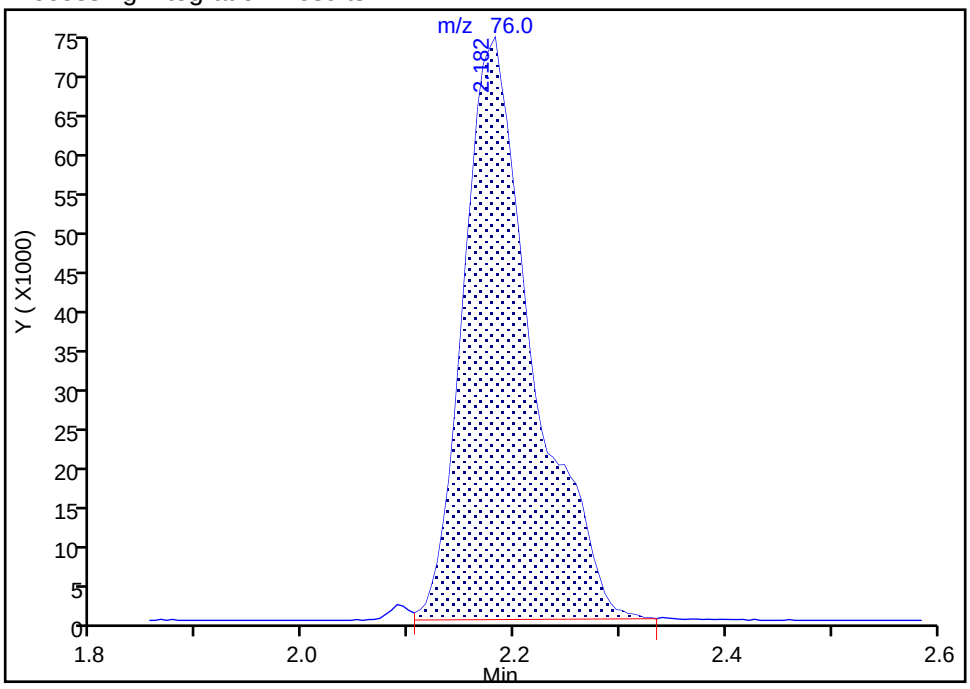
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18657.D
Injection Date: 01-Sep-2020 10:10:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

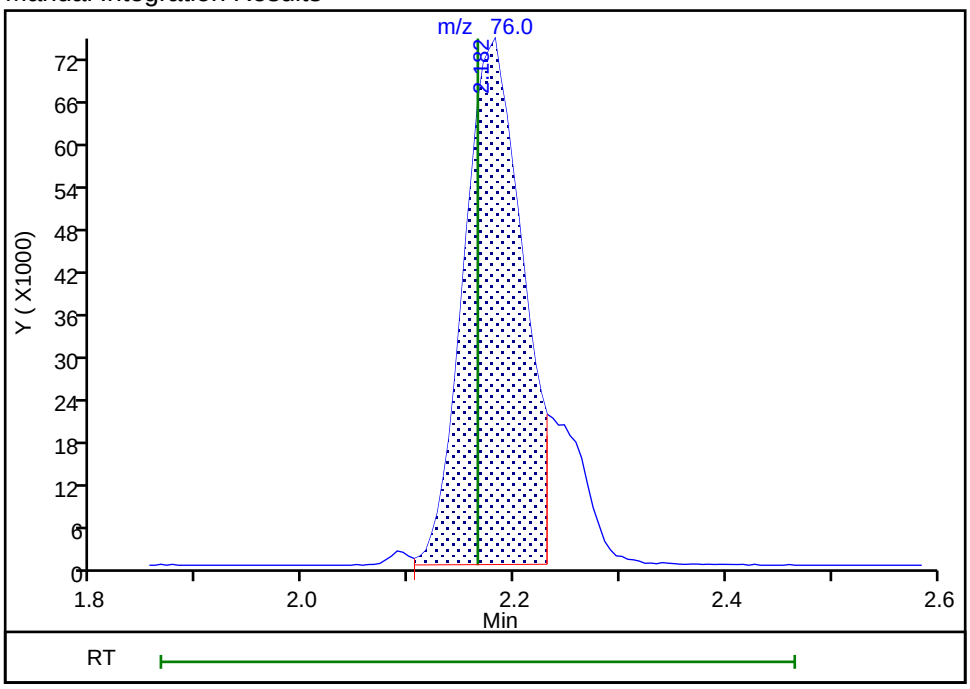
Processing Integration Results

RT: 2.18
Area: 337594
Amount: 24.178853
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 290165
Amount: 20.781936
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:39:28
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

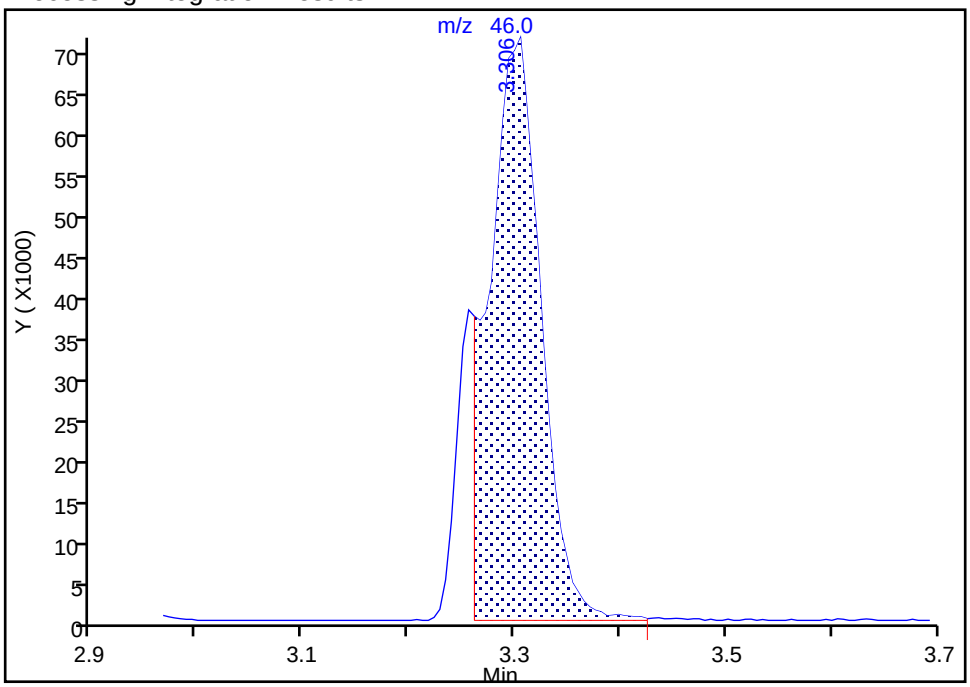
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18657.D
Injection Date: 01-Sep-2020 10:10:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

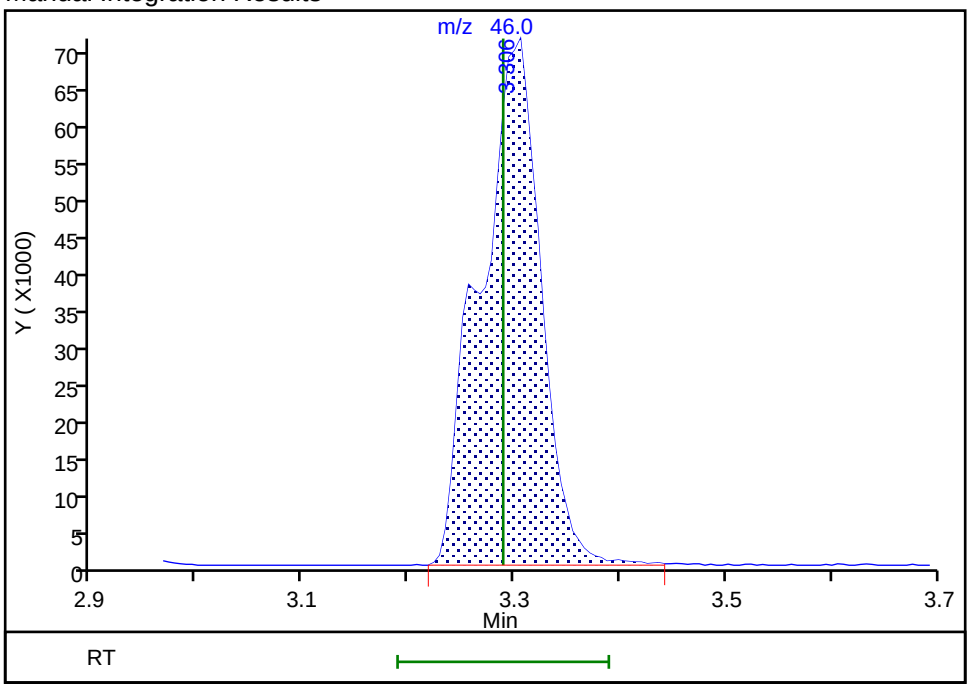
Processing Integration Results

RT: 3.31
Area: 244859
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 281761
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:39:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721264/3

Matrix: Water Lab File ID: TT129119.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 07:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.43
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.43
107-06-2	1,2-Dichloroethane	19.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
78-93-3	2-Butanone (MEK)	96.6		5.0	1.9
591-78-6	2-Hexanone	89.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	98.4		5.0	1.3
67-64-1	Acetone	89.8		5.0	4.4
71-43-2	Benzene	22.4		1.0	0.20
75-25-2	Bromoform	18.5		1.0	0.54
74-83-9	Bromomethane	22.2		1.0	0.55
75-15-0	Carbon disulfide	20.4		1.0	0.82
56-23-5	Carbon tetrachloride	17.5		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
74-97-5	Chlorobromomethane	19.0		1.0	0.41
124-48-1	Chlorodibromomethane	19.1		1.0	0.28
75-00-3	Chloroethane	21.8		1.0	0.32
67-66-3	Chloroform	21.3		1.0	0.33
74-87-3	Chloromethane	20.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.22
110-82-7	Cyclohexane	18.9		1.0	0.32
75-27-4	Dichlorobromomethane	18.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.7		1.0	0.31
100-41-4	Ethylbenzene	19.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721264/3

Matrix: Water Lab File ID: TT129119.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 07:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	20.0		1.0	0.50
98-82-8	Isopropylbenzene	21.0		1.0	0.34
79-20-9	Methyl acetate	46.6		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.4		1.0	0.47
108-87-2	Methylcyclohexane	18.0		1.0	0.26
75-09-2	Methylene Chloride	19.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.1		1.0	0.30
95-47-6	o-Xylene	20.6		1.0	0.36
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	18.5		1.0	0.25
108-88-3	Toluene	20.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.49
79-01-6	Trichloroethene	18.5		1.0	0.31
75-69-4	Trichlorofluoromethane	19.8		1.0	0.32
75-01-4	Vinyl chloride	19.6		1.0	0.17
1330-20-7	Xylenes, Total	40.7		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129119.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Sep-2020 07:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116143-003
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:50:47 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1025

First Level Reviewer: desais Date: 02-Sep-2020 09:54:14

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.214	1.214	0.000	73	7007	20.0	19.5	a
3	Chlorotrifluoroethene	116	1.305	1.293	0.012	63	29005	20.0	18.7	
2	1,1-Difluoroethane	51	1.305	1.293	0.012	97	86691	20.0	21.3	
4	Dichlorodifluoromethane	85	1.324	1.324	0.000	99	104555	20.0	17.7	
5	Chlorodifluoromethane	51	1.348	1.336	0.012	99	103793	20.0	18.9	
6	Chloromethane	50	1.476	1.458	0.018	98	116548	20.0	20.1	
8	Butadiene	54	1.537	1.525	0.012	94	100913	20.0	20.1	
7	Vinyl chloride	62	1.549	1.531	0.018	98	108924	20.0	19.6	
9	Bromomethane	94	1.769	1.756	0.013	99	80623	20.0	22.2	
10	Chloroethane	64	1.824	1.811	0.013	99	63939	20.0	21.8	
11	Dichlorofluoromethane	67	1.976	1.964	0.012	98	149347	20.0	21.9	
12	Trichlorofluoromethane	101	1.988	1.976	0.012	56	111860	20.0	19.8	
13	Pentane	72	1.994	1.976	0.018	96	26743	40.0	38.4	
14	Ethanol	46	2.141	2.134	0.007	80	16420	800.0	957.1	
15	Ethyl ether	74	2.147	2.141	0.006	95	40052	20.0	20.7	
16	2-Methyl-1,3-butadiene	53	2.171	2.159	0.012	96	65860	20.0	19.3	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.208	2.195	0.013	93	63390	20.0	19.4	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.256	2.244	0.012	95	106227	20.0	19.4	a
19	Acrolein	56	2.299	2.293	0.006	94	18736	40.0	41.0	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.317	2.305	0.012	50	69824	20.0	19.3	a
21	1,1-Dichloroethene	96	2.336	2.317	0.019	98	70598	20.0	18.9	
22	Acetone	43	2.403	2.397	0.006	87	91216	100.0	89.8	
23	Iodomethane	142	2.464	2.451	0.013	97	124991	20.0	18.6	
25	Isopropyl alcohol	45	2.482	2.476	0.006	96	45018	200.0	196.3	
24	Carbon disulfide	76	2.494	2.482	0.012	99	293025	20.0	20.4	
26	3-Chloro-1-propene	76	2.598	2.592	0.006	92	45790	20.0	20.4	
27	Methyl acetate	43	2.610	2.604	0.006	98	102461	40.0	46.6	
28	Cyclopentene	67	2.616	2.604	0.012	93	175723	20.0	19.7	
29	Acetonitrile	40	2.653	2.653	0.000	95	54048	200.0	214.7	a
* 31	TBA-d9 (IS)	66	2.708	2.701	0.007	99	48620	1000.0	1000.0	
30	Methylene Chloride	84	2.720	2.701	0.019	91	85387	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.775	2.762	0.013	97	74826	200.0	208.4	a
33 Methyl tert-butyl ether	73	2.860	2.848	0.012	98	176749	20.0	20.4	
34 trans-1,2-Dichloroethene	96	2.872	2.866	0.006	95	74642	20.0	20.2	
35 Acrylonitrile	53	2.939	2.933	0.006	94	273711	200.0	216.4	
36 Hexane	57	3.006	3.006	0.000	93	95701	20.0	20.4	
37 Isopropyl ether	45	3.207	3.201	0.006	97	217008	20.0	20.4	
38 1,1-Dichloroethane	63	3.226	3.220	0.006	99	124364	20.0	20.6	
39 Vinyl acetate	86	3.238	3.238	0.000	100	27495	40.0	42.1	
40 2-Chloro-1,3-butadiene	88	3.262	3.256	0.006	90	60468	20.0	20.6	
41 Tert-butyl ethyl ether	59	3.488	3.482	0.006	88	191176	20.0	19.9	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	95	319182	250.0	250.0	
43 2,2-Dichloropropane	97	3.677	3.665	0.012	64	23882	20.0	17.8	
44 cis-1,2-Dichloroethene	96	3.689	3.683	0.006	97	77420	20.0	19.6	
45 2-Butanone (MEK)	72	3.713	3.713	0.000	96	36368	100.0	96.6	
46 Ethyl acetate	70	3.720	3.713	0.007	95	13015	40.0	39.5	
47 Methyl acrylate	55	3.762	3.756	0.006	100	48923	20.0	17.8	
48 Propionitrile	54	3.829	3.829	0.000	99	98990	200.0	216.0	
49 Chlorobromomethane	128	3.890	3.890	0.000	91	36761	20.0	19.0	
50 Tetrahydrofuran	72	3.896	3.896	0.000	77	18339	40.0	46.0	
51 Methacrylonitrile	67	3.921	3.915	0.006	91	271607	200.0	205.5	
52 Chloroform	83	3.945	3.939	0.006	99	117441	20.0	21.3	
53 Cyclohexane	84	4.061	4.055	0.006	91	106418	20.0	18.9	
54 1,1,1-Trichloroethane	97	4.073	4.073	0.000	98	99158	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.085	0.000	97	143395	50.0	48.6	
56 Carbon tetrachloride	117	4.183	4.177	0.006	98	76892	20.0	17.5	
57 1,1-Dichloropropene	75	4.207	4.201	0.006	97	84542	20.0	19.5	
58 Isobutyl alcohol	43	4.347	4.347	0.000	90	124426	500.0	496.5	
59 Isooctane	57	4.372	4.366	0.006	99	267482	20.0	19.8	a
60 Benzene	78	4.390	4.384	0.006	97	261518	20.0	22.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.408	4.402	0.006	96	155858	50.0	48.5	
62 Tert-amyl methyl ether	73	4.463	4.457	0.006	76	218529	20.0	20.4	
63 Isopropyl acetate	61	4.463	4.463	0.000	93	32876	20.0	19.6	
64 1,2-Dichloroethane	62	4.476	4.475	0.001	97	79527	20.0	19.5	
65 n-Heptane	100	4.543	4.543	0.001	93	17496	20.0	19.4	
* 66 Fluorobenzene	96	4.658	4.658	0.000	99	579101	50.0	50.0	
67 n-Butanol	56	4.969	4.963	0.006	87	42022	500.0	441.7	
68 Trichloroethene	95	4.988	4.981	0.007	98	61701	20.0	18.5	
69 Methylcyclohexane	83	5.103	5.103	0.000	95	118276	20.0	18.0	
70 Ethyl acrylate	99	5.122	5.122	0.000	97	9216	20.0	16.8	
71 1,2-Dichloropropane	63	5.256	5.256	0.000	92	62751	20.0	19.7	
* 72 1,4-Dioxane-d8	96	5.323	5.317	0.006	88	29194	1000.0	1000.0	
73 Methyl methacrylate	100	5.353	5.347	0.006	90	28013	40.0	34.6	
75 1,4-Dioxane	88	5.372	5.378	-0.006	44	14574	400.0	435.6	
74 Dibromomethane	93	5.378	5.378	0.000	97	39394	20.0	19.4	
76 n-Propyl acetate	43	5.414	5.408	0.006	99	74431	20.0	18.8	
77 Dichlorobromomethane	83	5.530	5.524	0.006	99	78817	20.0	18.5	
78 2-Nitropropane	41	5.859	5.859	0.000	80	25896	40.0	31.4	
79 2-Chloroethyl vinyl ether	63	5.865	5.865	0.000	86	32470	20.0	16.2	
80 Epichlorohydrin	57	5.957	5.957	0.000	98	126092	400.0	408.1	
81 cis-1,3-Dichloropropene	75	6.006	6.006	0.000	91	95389	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.182	6.176	0.006	97	285469	100.0	98.4	
$ 83 Toluene-d8 (Surr)	98	6.237	6.237	0.000	99	489172	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.311	6.310	0.000	94	249870	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.658	6.658	0.000	97	80746	20.0	18.8	
86 Ethyl methacrylate	69	6.707	6.707	0.000	90	67811	20.0	18.8	
87 1,1,2-Trichloroethane	83	6.859	6.859	0.000	97	44712	20.0	20.0	
88 Tetrachloroethene	166	6.890	6.890	0.000	95	55345	20.0	18.5	
89 1,3-Dichloropropane	76	7.060	7.066	-0.006	94	83048	20.0	20.3	
90 2-Hexanone	43	7.146	7.146	0.000	95	162380	100.0	89.8	
91 n-Butyl acetate	43	7.268	7.268	0.000	99	77732	20.0	19.3	
92 Chlorodibromomethane	129	7.280	7.280	0.000	98	51539	20.0	19.1	
93 Ethylene Dibromide	107	7.420	7.420	0.000	98	50211	20.0	20.0	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	87	385410	50.0	50.0	
95 Chlorobenzene	112	7.993	7.993	0.000	94	150074	20.0	20.1	
96 Ethylbenzene	106	8.109	8.109	0.000	99	81981	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.121	8.121	0.000	94	59593	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.267	8.261	0.006	96	102497	20.0	20.1	
99 o-Xylene	106	8.780	8.773	0.007	93	108426	20.0	20.6	
100 n-Butyl acrylate	73	8.798	8.798	0.000	97	41001	20.0	18.2	
101 Styrene	104	8.816	8.816	0.000	95	162248	20.0	19.8	
102 Bromoform	173	9.066	9.066	0.000	95	32438	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	9.103	9.109	-0.006	91	95810	20.0	20.8	
104 Isopropylbenzene	105	9.249	9.249	0.000	96	294523	20.0	21.0	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	137774	50.0	45.9	
106 Bromobenzene	156	9.627	9.627	0.000	97	61536	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	99	77242	20.0	22.8	
108 N-Propylbenzene	91	9.737	9.737	0.000	99	343878	20.0	21.9	
109 1,2,3-Trichloropropane	110	9.755	9.755	0.000	97	20357	20.0	22.2	
110 trans-1,4-Dichloro-2-butene	53	9.792	9.791	0.001	86	14341	20.0	21.3	
111 2-Chlorotoluene	91	9.840	9.840	0.000	95	230769	20.0	22.4	
112 4-Ethyltoluene	105	9.871	9.871	0.000	98	268775	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	9.950	9.950	0.000	93	242396	20.0	21.4	
114 4-Chlorotoluene	91	9.974	9.974	0.000	98	220150	20.0	22.4	
115 Butyl Methacrylate	87	10.096	10.090	0.006	90	74104	20.0	19.4	
116 tert-Butylbenzene	119	10.273	10.273	0.000	93	193837	20.0	20.6	
117 1,2,4-Trimethylbenzene	105	10.334	10.340	-0.006	98	251850	20.0	21.8	
118 sec-Butylbenzene	105	10.493	10.493	0.000	99	324980	20.0	21.6	
119 1,3-Dichlorobenzene	146	10.621	10.621	0.000	96	127184	20.0	20.7	
120 4-Isopropyltoluene	119	10.645	10.645	0.000	98	270308	20.0	21.5	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	96	194384	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.718	10.718	0.000	96	126578	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	10.749	10.749	0.000	99	260955	20.0	21.8	
124 Benzyl chloride	91	10.871	10.864	0.007	98	137999	20.0	20.1	
125 2,3-Dihydroindene	117	10.925	10.925	0.000	94	243543	20.0	21.1	
126 p-Diethylbenzene	119	11.005	11.005	0.000	93	140659	20.0	20.5	
127 n-Butylbenzene	92	11.029	11.029	0.000	97	156152	20.0	23.4	
128 1,2-Dichlorobenzene	146	11.060	11.060	0.000	96	130802	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	11.694	11.694	0.000	97	268793	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.767	11.761	0.006	96	16632	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	11.883	11.883	0.000	97	120726	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	113881	20.0	20.0	
133 Hexachlorobutadiene	225	12.486	12.486	0.000	91	44940	20.0	19.1	
134 Naphthalene	128	12.584	12.584	0.000	99	282247	20.0	20.6	
135 1,2,3-Trichlorobenzene	180	12.760	12.760	0.000	96	103751	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 137 Xylenes, Total	100				0		40.0	40.7	
S 140 Total BTEX	1				0		100.0	103.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 15:50:48 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129119.D

Injection Date: 02-Sep-2020 07:04:30 Instrument ID: CVOAMS17

Lims ID: LCS

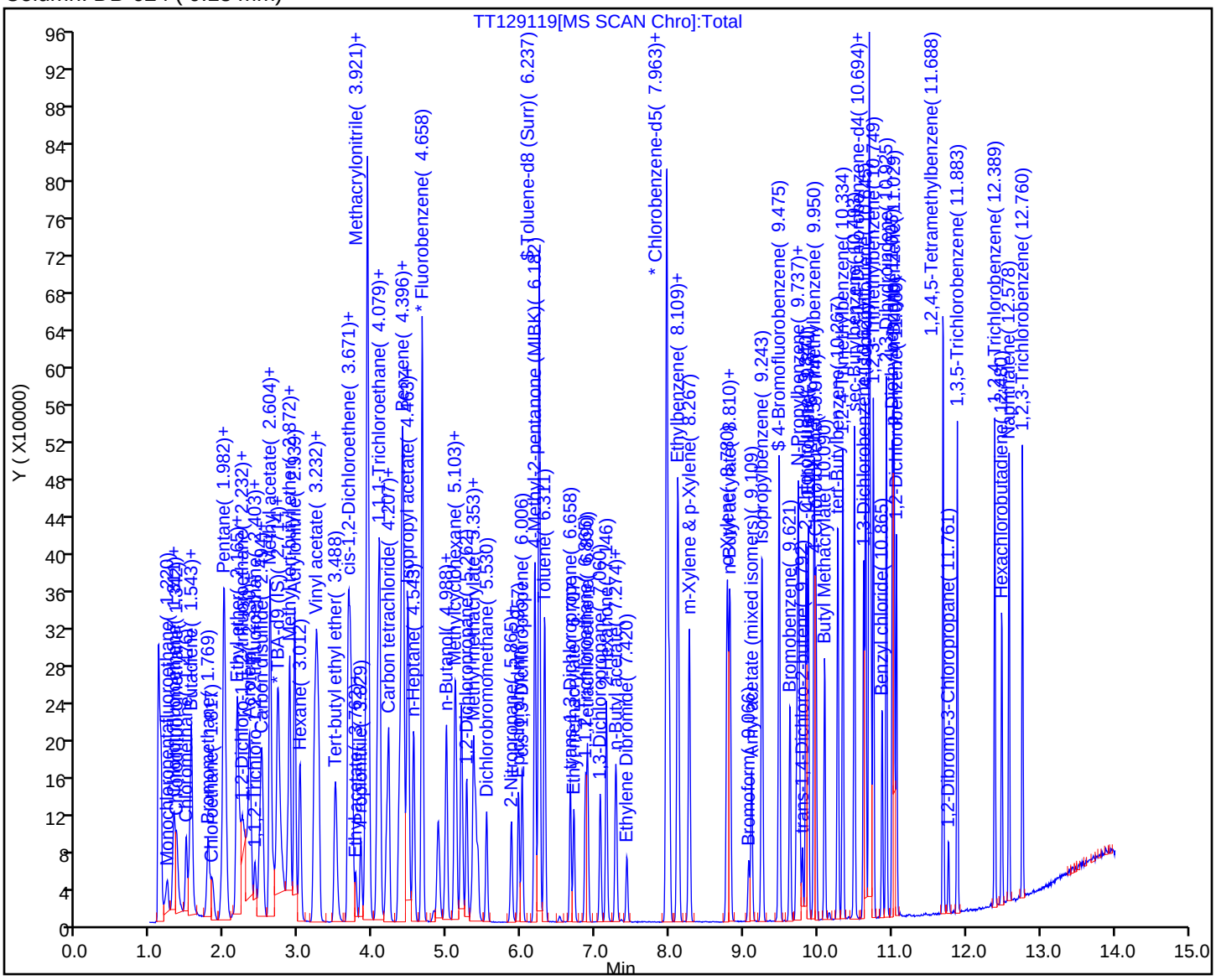
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

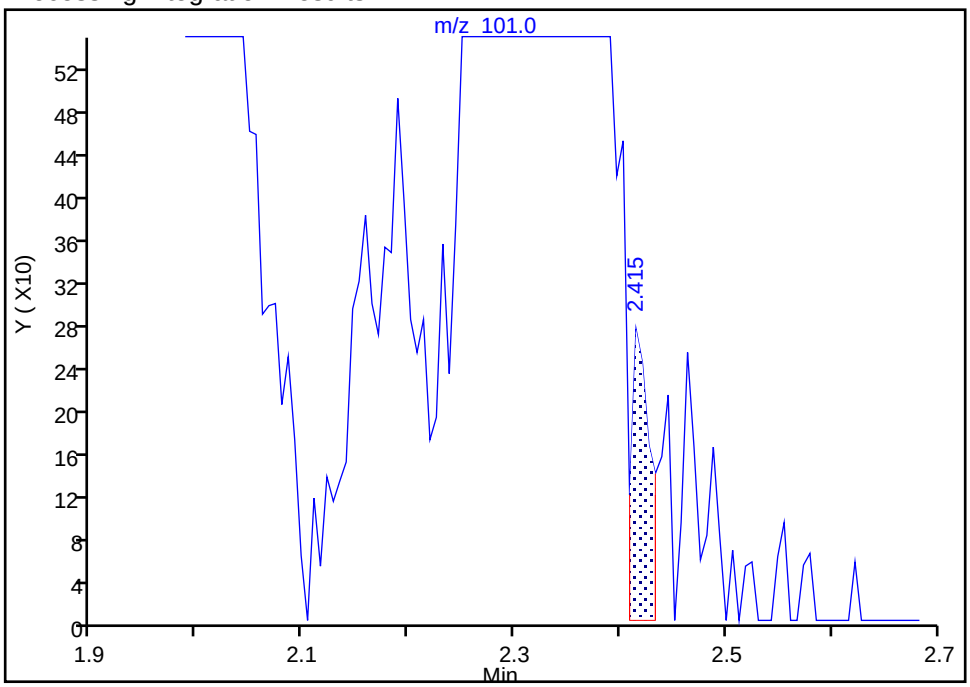
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129119.D
Injection Date: 02-Sep-2020 07:04:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

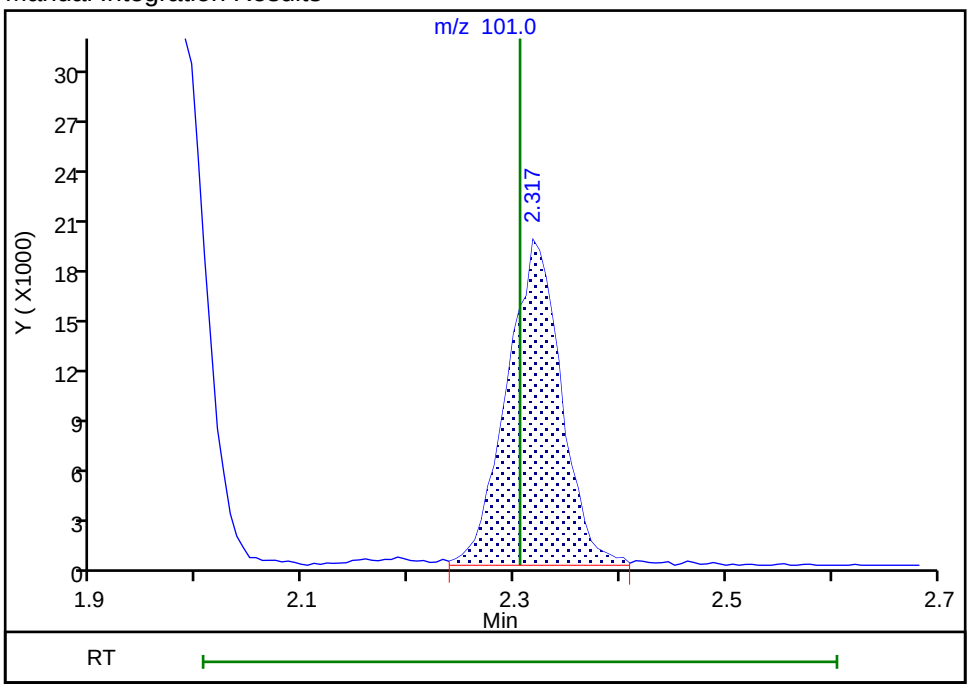
Processing Integration Results

RT: 2.41
Area: 343
Amount: 0.094685
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 69824
Amount: 19.274900
Amount Units: ug/l



Reviewer: desais, 02-Sep-2020 09:53:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721282/5

Matrix: Water Lab File ID: P79261.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 09:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.2		1.0	0.43
75-34-3	1,1-Dichloroethane	21.5		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.2		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.43
107-06-2	1,2-Dichloroethane	17.5		1.0	0.43
78-87-5	1,2-Dichloropropane	22.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.33
78-93-3	2-Butanone (MEK)	116		5.0	1.9
591-78-6	2-Hexanone	113		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	123		5.0	1.3
67-64-1	Acetone	79.6		5.0	4.4
71-43-2	Benzene	21.1		1.0	0.20
75-25-2	Bromoform	17.7		1.0	0.54
74-83-9	Bromomethane	20.3		1.0	0.55
75-15-0	Carbon disulfide	17.9		1.0	0.82
56-23-5	Carbon tetrachloride	21.8		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
74-97-5	Chlorobromomethane	21.8		1.0	0.41
124-48-1	Chlorodibromomethane	18.9		1.0	0.28
75-00-3	Chloroethane	15.2		1.0	0.32
67-66-3	Chloroform	20.8		1.0	0.33
74-87-3	Chloromethane	21.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.22
110-82-7	Cyclohexane	25.7		1.0	0.32
75-27-4	Dichlorobromomethane	20.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.2		1.0	0.31
100-41-4	Ethylbenzene	21.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721282/5

Matrix: Water Lab File ID: P79261.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 09:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	18.7		1.0	0.50
98-82-8	Isopropylbenzene	22.6		1.0	0.34
79-20-9	Methyl acetate	42.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	15.1		1.0	0.47
108-87-2	Methylcyclohexane	27.1		1.0	0.26
75-09-2	Methylene Chloride	17.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.4		1.0	0.30
95-47-6	o-Xylene	22.9		1.0	0.36
100-42-5	Styrene	22.8		1.0	0.42
127-18-4	Tetrachloroethene	23.4		1.0	0.25
108-88-3	Toluene	21.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.49
79-01-6	Trichloroethene	24.1		1.0	0.31
75-69-4	Trichlorofluoromethane	16.9		1.0	0.32
75-01-4	Vinyl chloride	21.2		1.0	0.17
1330-20-7	Xylenes, Total	45.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79261.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Sep-2020 09:14:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116151-005
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 10:15:33 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1016

First Level Reviewer: moroneyc Date: 02-Sep-2020 09:53:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	100056	20.0	21.2	
8 Butadiene	54	0.892	0.892	0.000	93	92132	20.0	23.2	
6 Chloromethane	50	0.892	0.892	0.000	77	126518	20.0	21.4	
7 Vinyl chloride	62	0.892	0.892	0.000	62	93854	20.0	21.2	
9 Bromomethane	94	1.036	1.036	0.000	99	34192	20.0	20.3	
10 Chloroethane	64	1.093	1.093	0.000	99	49100	20.0	15.2	
11 Pentane	72	1.150	1.150	0.000	96	25237	40.0	57.4	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	61	95958	20.0	16.9	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	112102	20.0	16.3	
14 2-Methyl-1,3-butadiene	67	1.286	1.286	0.000	96	99589	20.0	17.2	
15 Ethyl ether	59	1.294	1.294	0.000	95	42944	20.0	13.8	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	97	62434	20.0	18.9	
16 Ethanol	46	1.401	1.401	0.000	24	9407	800.0	810.7	
19 Carbon disulfide	76	1.408	1.408	0.000	99	219007	20.0	17.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	95	63517	20.0	19.2	
22 Iodomethane	142	1.466	1.466	0.000	95	54845	20.0	13.8	
23 Cyclopentene	67	1.537	1.537	0.000	95	172674	20.0	18.8	
24 Acrolein	56	1.559	1.559	0.000	93	8615	40.0	40.7	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	37045	20.0	18.0	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	21179	200.0	192.5	
27 Methylene Chloride	84	1.695	1.695	0.000	90	70334	20.0	17.6	
28 Acetone	43	1.716	1.716	0.000	89	49462	100.0	79.6	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	92	70448	20.0	19.2	
30 Methyl acetate	43	1.781	1.781	0.000	99	49882	40.0	42.5	
31 Hexane	86	1.817	1.817	-0.001	90	19767	20.0	23.3	
32 Methyl tert-butyl ether	73	1.838	1.831	0.007	88	139243	20.0	15.1	
* 33 TBA-d9 (IS)	65	1.859	1.859	0.000	100	144464	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.902	1.902	0.000	99	34148	200.0	208.9	
35 Acetonitrile	41	1.981	1.981	0.000	100	45504	200.0	208.9	
36 Isopropyl ether	45	2.053	2.053	0.000	98	212969	20.0	21.7	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	89	65271	20.0	23.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	122588	20.0	21.5	
39 Acrylonitrile	53	2.153	2.153	0.000	95	165571	200.0	177.7	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	90	174817	20.0	19.4	
41 Vinyl acetate	43	2.282	2.282	0.000	100	219323	40.0	37.3	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	99	75669	20.0	22.6	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	90236	20.0	22.8	
44 Cyclohexane	56	2.583	2.583	0.000	90	130479	20.0	25.7	
45 Chlorobromomethane	128	2.590	2.590	0.000	91	33465	20.0	21.8	
46 Chloroform	83	2.647	2.647	0.000	99	112238	20.0	20.8	
47 Carbon tetrachloride	117	2.733	2.733	0.000	97	73293	20.0	21.8	
48 Ethyl acetate	70	2.748	2.748	0.000	98	9525	40.0	44.2	
49 Methyl acrylate	55	2.748	2.755	-0.007	55	37063	20.0	17.8	
50 Tetrahydrofuran	42	2.755	2.755	0.000	96	33199	40.0	45.2	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	135614	50.0	49.7	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	97	94606	20.0	21.8	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	174933	250.0	250.0	
54 2-Butanone (MEK)	72	2.869	2.869	0.000	88	26716	100.0	115.6	
55 1,1-Dichloropropene	75	2.869	2.869	0.000	96	96540	20.0	22.0	
56 Isooctane	57	2.955	2.955	0.000	99	221623	20.0	29.7	
57 n-Heptane	57	3.049	3.049	0.000	92	56434	20.0	30.1	
58 Benzene	78	3.056	3.056	0.000	95	290488	20.0	21.1	
59 Propionitrile	54	3.077	3.077	0.000	97	57365	200.0	249.6	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	185204	200.0	174.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	136169	50.0	41.6	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	150278	20.0	20.0	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	97	70782	20.0	17.5	
64 Isobutyl alcohol	43	3.299	3.292	0.007	96	37486	500.0	697.9	
65 t-Amyl alcohol	59	3.364	3.364	0.000	96	25886	200.0	293.5	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	583263	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	100	86269	20.0	18.7	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	128816	20.0	27.1	
69 Trichloroethene	130	3.536	3.536	0.000	96	75032	20.0	24.1	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	140764	20.0	21.3	
71 Dibromomethane	93	3.894	3.894	0.000	94	32084	20.0	18.2	
72 n-Butanol	56	3.915	3.915	0.000	91	21996	500.0	614.7	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	93	69324	20.0	22.5	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	77149	20.0	20.1	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	51290	20.0	19.7	
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	74	19267	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	90	23382	40.0	38.9	
78 1,4-Dioxane	88	4.266	4.266	0.000	93	9589	400.0	374.0	
79 n-Propyl acetate	43	4.417	4.417	0.000	98	52944	20.0	18.1	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	93	2968	20.0	8.16	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	95663	20.0	20.1	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	575404	50.0	52.4	
83 Toluene	91	4.940	4.940	0.000	93	301875	20.0	21.4	
84 Epichlorohydrin	57	4.983	4.983	0.000	94	14286	400.0	151.9	a
85 2-Nitropropane	41	5.190	5.190	0.000	97	15371	40.0	28.3	
86 Tetrachloroethene	166	5.355	5.362	-0.007	97	77097	20.0	23.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	187835	100.0	123.4	
88 trans-1,3-Dichloropropene	75	5.434	5.441	-0.007	94	77549	20.0	18.4	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	40747	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	57491	20.0	19.5	
91 Chlorodibromomethane	129	5.806	5.806	0.000	98	51070	20.0	18.9	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	84583	20.0	18.5	
93 Ethylene Dibromide	107	6.043	6.043	0.000	98	46016	20.0	18.7	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	57529	20.0	16.6	
95 2-Hexanone	43	6.458	6.458	0.000	95	128315	100.0	113.4	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	452683	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	187702	20.0	21.2	
98 Ethylbenzene	106	6.831	6.831	0.000	98	105387	20.0	21.5	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	57395	20.0	20.9	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	131724	20.0	22.4	
101 o-Xylene	106	7.626	7.626	0.000	95	125042	20.0	22.9	
102 Bromoform	173	7.697	7.697	0.000	96	26607	20.0	17.7	
103 Styrene	104	7.712	7.712	0.000	97	202870	20.0	22.8	
104 n-Butyl acrylate	73	8.056	8.048	0.008	97	32134	20.0	17.9	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	332882	20.0	22.6	
106 Amyl acetate (mixed isomers)	43	8.464	8.464	0.000	90	71241	20.0	15.9	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	95	188243	50.0	52.0	
108 Bromobenzene	156	8.586	8.586	0.000	96	81878	20.0	20.5	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	400607	20.0	21.5	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	53962	20.0	16.6	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	262206	20.0	20.1	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	330669	20.0	21.3	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	14874	20.0	16.2	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	270687	20.0	20.9	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	77	5994	20.0	6.96	
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	237003	20.0	20.4	
117 tert-Butylbenzene	119	9.545	9.545	0.000	96	239875	20.0	22.4	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	282161	20.0	21.5	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	72756	20.0	19.7	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	365474	20.0	21.9	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	159898	20.0	21.1	
122 4-Isopropyltoluene	119	10.118	10.118	0.000	98	312644	20.0	22.9	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	260670	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.247	0.000	96	166692	20.0	20.1	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	282106	20.0	20.5	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	95	270989	20.0	19.8	
127 Benzyl chloride	126	10.713	10.713	0.000	98	18863	20.0	21.0	
128 p-Diethylbenzene	119	10.727	10.727	0.000	95	155275	20.0	22.3	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	286761	20.0	22.0	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	147039	20.0	19.4	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	273238	20.0	21.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	93	9739	20.0	16.2	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	97	123186	20.0	21.2	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	93	103400	20.0	20.4	
135 Hexachlorobutadiene	225	12.840	12.840	0.000	97	46458	20.0	24.7	
136 Naphthalene	128	13.120	13.120	0.000	100	181701	20.0	17.8	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	87789	20.0	18.5	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	38.5	
S 140 Xylenes, Total	100				0		40.0	45.3	
S 142 Total BTEX	1				0		100.0	109.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Sep-2020 10:16:53 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79261.D

Injection Date: 02-Sep-2020 09:14:30 Instrument ID: CVOAMS13 Operator ID:

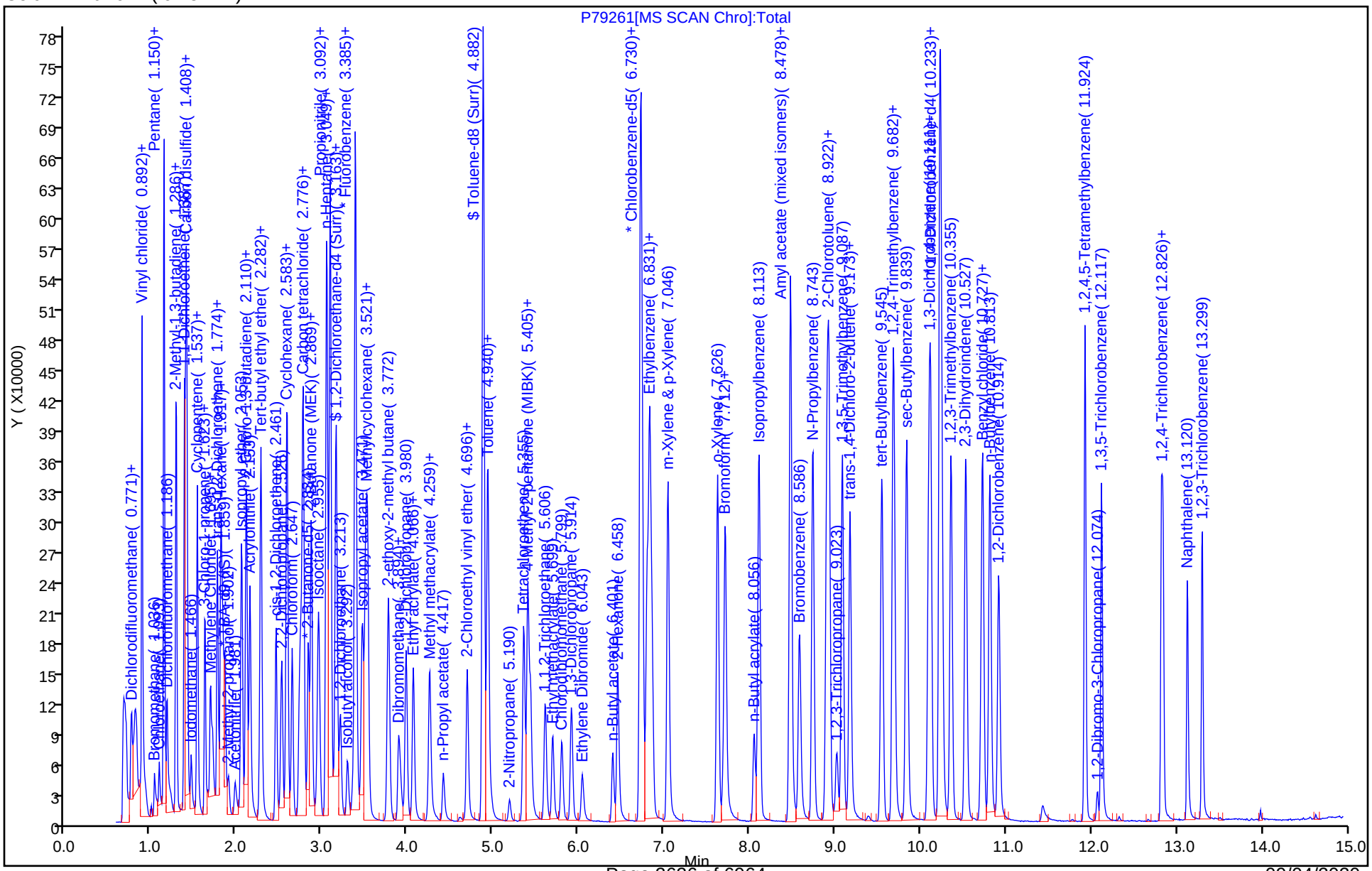
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721508/3

Matrix: Water Lab File ID: TT129154.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 19:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.43
75-34-3	1,1-Dichloroethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	16.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.3		1.0	0.43
107-06-2	1,2-Dichloroethane	18.6		1.0	0.43
78-87-5	1,2-Dichloropropane	18.1		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.33
78-93-3	2-Butanone (MEK)	93.9		5.0	1.9
591-78-6	2-Hexanone	88.6		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	95.0		5.0	1.3
67-64-1	Acetone	91.1		5.0	4.4
71-43-2	Benzene	21.1		1.0	0.20
75-25-2	Bromoform	18.5		1.0	0.54
74-83-9	Bromomethane	22.5		1.0	0.55
75-15-0	Carbon disulfide	17.3		1.0	0.82
56-23-5	Carbon tetrachloride	16.7		1.0	0.21
108-90-7	Chlorobenzene	19.0		1.0	0.38
74-97-5	Chlorobromomethane	17.9		1.0	0.41
124-48-1	Chlorodibromomethane	18.4		1.0	0.28
75-00-3	Chloroethane	20.7		1.0	0.32
67-66-3	Chloroform	20.0		1.0	0.33
74-87-3	Chloromethane	17.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
110-82-7	Cyclohexane	16.1		1.0	0.32
75-27-4	Dichlorobromomethane	17.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.2		1.0	0.31
100-41-4	Ethylbenzene	18.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721508/3

Matrix: Water Lab File ID: TT129154.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 19:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	18.7		1.0	0.50
98-82-8	Isopropylbenzene	19.8		1.0	0.34
79-20-9	Methyl acetate	38.2		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.8		1.0	0.47
108-87-2	Methylcyclohexane	15.5		1.0	0.26
75-09-2	Methylene Chloride	17.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.0		1.0	0.30
95-47-6	o-Xylene	19.7		1.0	0.36
100-42-5	Styrene	18.9		1.0	0.42
127-18-4	Tetrachloroethene	17.5		1.0	0.25
108-88-3	Toluene	19.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.49
79-01-6	Trichloroethene	17.7		1.0	0.31
75-69-4	Trichlorofluoromethane	19.3		1.0	0.32
75-01-4	Vinyl chloride	17.4		1.0	0.17
1330-20-7	Xylenes, Total	38.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129154.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Sep-2020 19:51:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116195-003
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 11:22:42 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 21:45:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	1.305	1.306	-0.001	92	40116	20.0	10.5	
3 Chlorotrifluoroethene	116	1.305	1.318	-0.013	52	9462	20.0	6.53	a
4 Dichlorodifluoromethane	85	1.330	1.330	0.000	99	83760	20.0	15.2	
5 Chlorodifluoromethane	51	1.348	1.348	0.000	99	60862	20.0	11.9	
6 Chloromethane	50	1.470	1.470	0.000	99	92683	20.0	17.1	
8 Butadiene	54	1.537	1.537	0.000	94	80941	20.0	17.3	
7 Vinyl chloride	62	1.549	1.543	0.006	98	90310	20.0	17.4	
9 Bromomethane	94	1.769	1.763	0.006	98	69648	20.0	22.5	
10 Chloroethane	64	1.824	1.818	0.006	99	51700	20.0	20.7	
11 Dichlorofluoromethane	67	1.970	1.970	0.000	99	127029	20.0	20.0	
13 Pentane	72	1.982	1.982	0.000	96	19496	40.0	30.0	
12 Trichlorofluoromethane	101	1.988	1.982	0.006	68	101543	20.0	19.3	
14 Ethanol	46	2.141	2.147	-0.006	81	14367	800.0	920.3	
15 Ethyl ether	74	2.147	2.147	0.000	94	33936	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.159	2.165	-0.006	97	50363	20.0	15.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.202	2.202	0.000	82	56475	20.0	18.5	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.244	2.251	-0.006	94	92617	20.0	18.1	a
19 Acrolein	56	2.293	2.293	0.000	94	12825	40.0	30.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.317	2.318	-0.001	92	56431	20.0	16.7	a
21 1,1-Dichloroethene	96	2.330	2.330	0.000	98	57138	20.0	16.4	
22 Acetone	43	2.397	2.397	0.000	87	78853	100.0	91.1	
23 Iodomethane	142	2.458	2.458	0.000	97	107784	20.0	17.1	
25 Isopropyl alcohol	45	2.482	2.482	0.000	38	36380	200.0	174.3	
24 Carbon disulfide	76	2.494	2.494	0.000	99	232423	20.0	17.3	
26 3-Chloro-1-propene	76	2.592	2.592	0.000	94	38084	20.0	18.1	
27 Methyl acetate	43	2.604	2.604	0.000	99	78449	40.0	38.2	
28 Cyclopentene	67	2.610	2.610	0.000	93	141134	20.0	16.9	
29 Acetonitrile	40	2.653	2.653	0.000	97	48148	200.0	224.3	a
* 31 TBA-d9 (IS)	66	2.708	2.702	0.006	98	44240	1000.0	1000.0	
30 Methylene Chloride	84	2.708	2.708	0.000	90	72730	20.0	17.6	
32 2-Methyl-2-propanol	59	2.768	2.769	-0.001	96	64203	200.0	196.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.854	2.854	0.000	97	151980	20.0	18.8	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	95	63985	20.0	18.5	
35 Acrylonitrile	53	2.933	2.933	0.000	95	225899	200.0	191.2	
36 Hexane	57	3.006	3.006	0.000	93	71563	20.0	16.3	
37 Isopropyl ether	45	3.201	3.202	-0.001	96	182721	20.0	18.4	
38 1,1-Dichloroethane	63	3.220	3.220	0.000	100	105113	20.0	18.6	
39 Vinyl acetate	86	3.238	3.238	0.000	100	22170	40.0	39.8	
40 2-Chloro-1,3-butadiene	88	3.262	3.256	0.006	91	49180	20.0	17.9	
41 Tert-butyl ethyl ether	59	3.482	3.482	0.000	89	163325	20.0	18.2	
* 42 2-Butanone-d5	46	3.659	3.659	0.000	95	272085	250.0	250.0	
43 2,2-Dichloropropane	97	3.671	3.671	0.000	64	19918	20.0	15.9	
44 cis-1,2-Dichloroethene	96	3.683	3.683	0.000	98	68103	20.0	18.5	
45 2-Butanone (MEK)	72	3.707	3.708	-0.001	96	30129	100.0	93.9	
46 Ethyl acetate	70	3.720	3.708	0.012	96	10997	40.0	39.2	
47 Methyl acrylate	55	3.756	3.762	-0.006	100	42649	20.0	16.6	
48 Propionitrile	54	3.829	3.829	0.000	99	82869	200.0	198.8	
49 Chlorobromomethane	128	3.890	3.890	0.000	87	32478	20.0	17.9	
50 Tetrahydrofuran	72	3.890	3.897	-0.007	65	13838	40.0	40.7	
51 Methacrylonitrile	67	3.921	3.921	0.000	91	226311	200.0	183.2	
52 Chloroform	83	3.939	3.939	0.000	98	102868	20.0	20.0	
53 Cyclohexane	84	4.055	4.055	0.000	91	84632	20.0	16.1	
54 1,1,1-Trichloroethane	97	4.073	4.067	0.006	98	85633	20.0	17.6	
$ 55 Dibromofluoromethane (Surr)	113	4.085	4.086	0.000	97	135386	50.0	49.1	
56 Carbon tetrachloride	117	4.177	4.183	-0.006	97	68640	20.0	16.7	
57 1,1-Dichloropropene	75	4.207	4.207	0.000	97	72047	20.0	17.8	
58 Isobutyl alcohol	43	4.347	4.348	-0.001	92	99615	500.0	436.8	
60 Benzene	78	4.384	4.384	0.000	97	226212	20.0	21.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.402	4.403	-0.001	96	148982	50.0	49.7	
62 Tert-amyl methyl ether	73	4.457	4.457	0.000	80	178639	20.0	17.9	
63 Isopropyl acetate	61	4.463	4.470	-0.007	94	26875	20.0	17.1	
64 1,2-Dichloroethane	62	4.475	4.476	-0.001	96	70975	20.0	18.6	
59 Isooctane	57	4.543	4.543	0.000	63	39499	20.0	3.13	
65 n-Heptane	100	4.543	4.543	0.000	90	13773	20.0	16.3	
* 66 Fluorobenzene	96	4.658	4.659	-0.001	99	541126	50.0	50.0	
67 n-Butanol	56	4.969	4.969	0.000	89	34167	500.0	394.7	
68 Trichloroethene	95	4.988	4.988	0.000	98	55267	20.0	17.7	
69 Methylcyclohexane	83	5.097	5.104	-0.007	96	95237	20.0	15.5	a
70 Ethyl acrylate	99	5.116	5.122	-0.006	97	7460	20.0	14.5	
71 1,2-Dichloropropane	63	5.262	5.256	0.006	91	53924	20.0	18.1	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	80	182115	1000.0	1000.0	
73 Methyl methacrylate	100	5.353	5.347	0.006	90	25530	40.0	33.7	
74 Dibromomethane	93	5.378	5.378	0.000	98	34267	20.0	18.1	
75 1,4-Dioxane	88	5.378	5.384	-0.006	35	12498	400.0	59.9	a
76 n-Propyl acetate	43	5.408	5.408	0.000	99	59259	20.0	16.0	
77 Dichlorobromomethane	83	5.524	5.524	0.000	99	70150	20.0	17.6	
78 2-Nitropropane	41	5.853	5.853	0.000	84	21667	40.0	28.2	
79 2-Chloroethyl vinyl ether	63	5.859	5.866	-0.007	97	28603	20.0	15.3	
80 Epichlorohydrin	57	5.957	5.957	0.000	99	99542	400.0	377.9	
81 cis-1,3-Dichloropropene	75	6.006	6.006	0.000	91	82677	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.176	6.177	-0.001	96	235036	100.0	95.0	
$ 83 Toluene-d8 (Surr)	98	6.237	6.238	-0.001	99	457031	50.0	50.3	
84 Toluene	91	6.310	6.311	-0.001	93	216502	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.658	6.658	0.000	97	69992	20.0	17.7	
86 Ethyl methacrylate	69	6.707	6.707	0.000	90	57175	20.0	17.2	
87 1,1,2-Trichloroethane	83	6.859	6.859	0.000	96	38596	20.0	18.7	
88 Tetrachloroethene	166	6.890	6.890	0.000	95	48329	20.0	17.5	
89 1,3-Dichloropropane	76	7.060	7.061	-0.001	94	72004	20.0	19.1	
90 2-Hexanone	43	7.146	7.146	0.000	95	136532	100.0	88.6	
91 n-Butyl acetate	43	7.268	7.268	0.000	99	65064	20.0	17.6	
92 Chlorodibromomethane	129	7.280	7.274	0.006	97	45603	20.0	18.4	
93 Ethylene Dibromide	107	7.420	7.420	0.000	100	43166	20.0	18.7	
* 94 Chlorobenzene-d5	117	7.957	7.957	-0.001	86	355103	50.0	50.0	
95 Chlorobenzene	112	7.993	7.993	0.000	94	131068	20.0	19.0	
96 Ethylbenzene	106	8.109	8.103	0.006	99	71749	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	8.121	8.115	0.006	94	54346	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.261	8.262	-0.001	96	89389	20.0	19.0	
99 o-Xylene	106	8.773	8.774	-0.001	94	95713	20.0	19.7	
100 n-Butyl acrylate	73	8.798	8.798	0.000	98	36251	20.0	17.4	
101 Styrene	104	8.816	8.816	0.000	95	142555	20.0	18.9	
102 Bromoform	173	9.066	9.066	0.000	94	29909	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	9.103	9.103	0.000	91	83408	20.0	19.6	
104 Isopropylbenzene	105	9.243	9.243	0.000	96	254783	20.0	19.8	
$ 105 4-Bromofluorobenzene	174	9.481	9.475	0.006	0	128307	50.0	46.4	
106 Bromobenzene	156	9.627	9.621	0.006	98	56740	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	99	65850	20.0	21.1	
108 N-Propylbenzene	91	9.737	9.731	0.006	99	296182	20.0	20.4	
109 1,2,3-Trichloropropane	110	9.755	9.755	0.000	97	18014	20.0	21.3	
110 trans-1,4-Dichloro-2-butene	53	9.792	9.792	0.000	90	13471	20.0	21.6	
111 2-Chlorotoluene	91	9.840	9.840	0.000	96	204869	20.0	21.6	
112 4-Ethyltoluene	105	9.871	9.871	0.000	99	237784	20.0	20.2	
113 1,3,5-Trimethylbenzene	105	9.950	9.950	0.000	92	214670	20.0	20.5	
114 4-Chlorotoluene	91	9.974	9.975	-0.001	98	195150	20.0	21.5	
115 Butyl Methacrylate	87	10.090	10.090	0.000	91	65053	20.0	18.4	
116 tert-Butylbenzene	119	10.267	10.267	0.000	91	171679	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	98	220627	20.0	20.7	
118 sec-Butylbenzene	105	10.493	10.493	0.000	99	285183	20.0	20.5	
119 1,3-Dichlorobenzene	146	10.621	10.615	0.006	96	114366	20.0	20.1	
120 4-Isopropyltoluene	119	10.645	10.645	0.000	98	234238	20.0	20.2	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	96	179684	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.718	10.718	0.000	95	114880	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	10.749	10.749	0.000	99	231954	20.0	21.0	
124 Benzyl chloride	91	10.864	10.865	-0.001	98	116039	20.0	18.2	
125 2,3-Dihydroindene	117	10.925	10.926	-0.001	94	219695	20.0	20.6	
126 p-Diethylbenzene	119	11.005	11.005	0.000	91	125755	20.0	19.8	
127 n-Butylbenzene	92	11.029	11.023	0.006	97	134437	20.0	21.8	
128 1,2-Dichlorobenzene	146	11.060	11.060	0.000	96	121458	20.0	21.3	
129 1,2,4,5-Tetramethylbenzene	119	11.687	11.688	-0.001	97	242588	20.0	19.3	
130 1,2-Dibromo-3-Chloropropane	157	11.767	11.761	0.006	97	14289	20.0	18.9	
131 1,3,5-Trichlorobenzene	180	11.883	11.883	0.000	96	106540	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	101961	20.0	19.3	
133 Hexachlorobutadiene	225	12.486	12.486	0.000	92	39204	20.0	18.0	
134 Naphthalene	128	12.584	12.578	0.006	99	251650	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	12.767	12.761	0.006	95	95269	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.8	
S 140 Total BTEX	1				0		100.0	98.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Sep-2020 11:23:07 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129154.D

Injection Date: 02-Sep-2020 19:51:30 Instrument ID: CVOAMS17

Lims ID: LCS

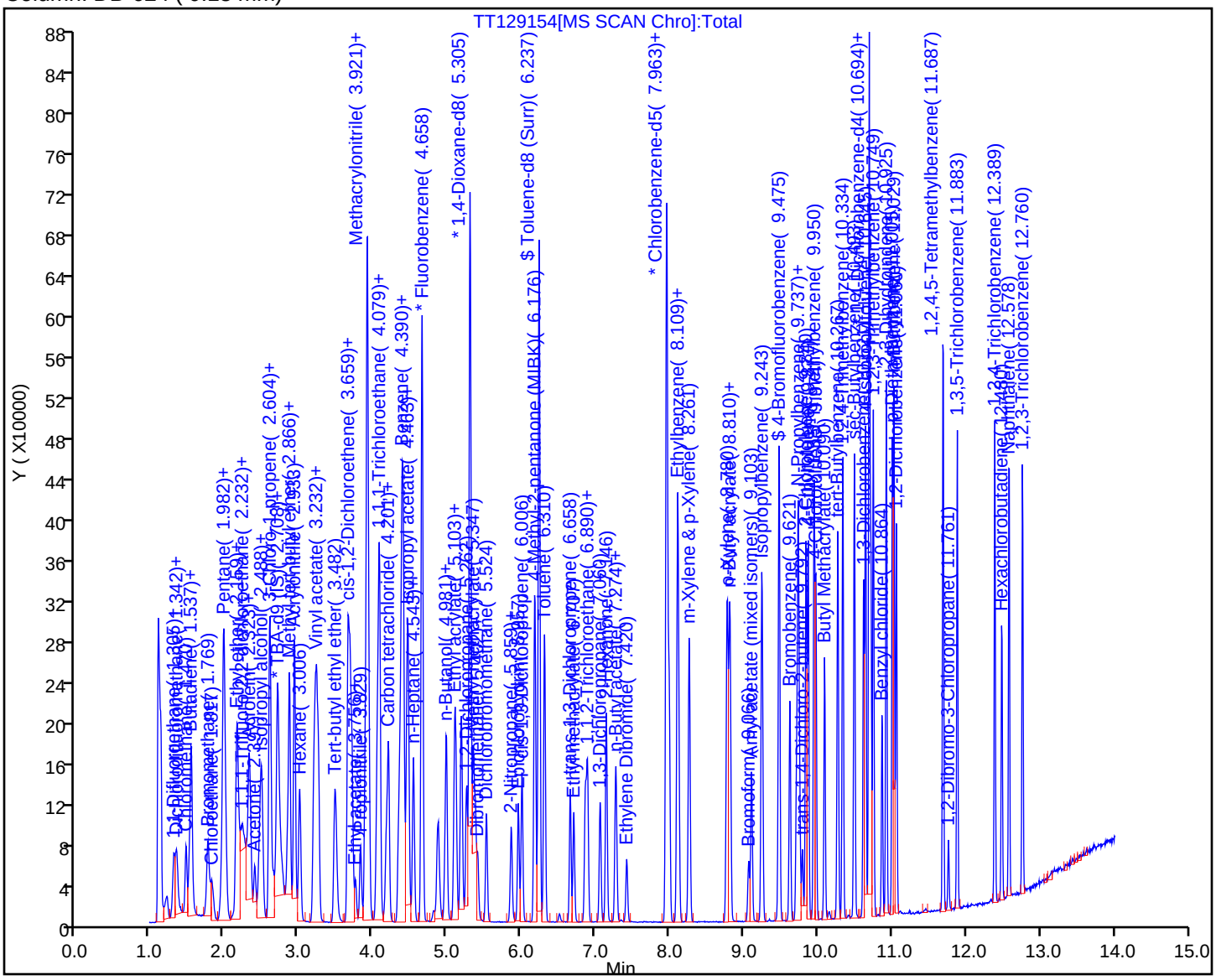
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

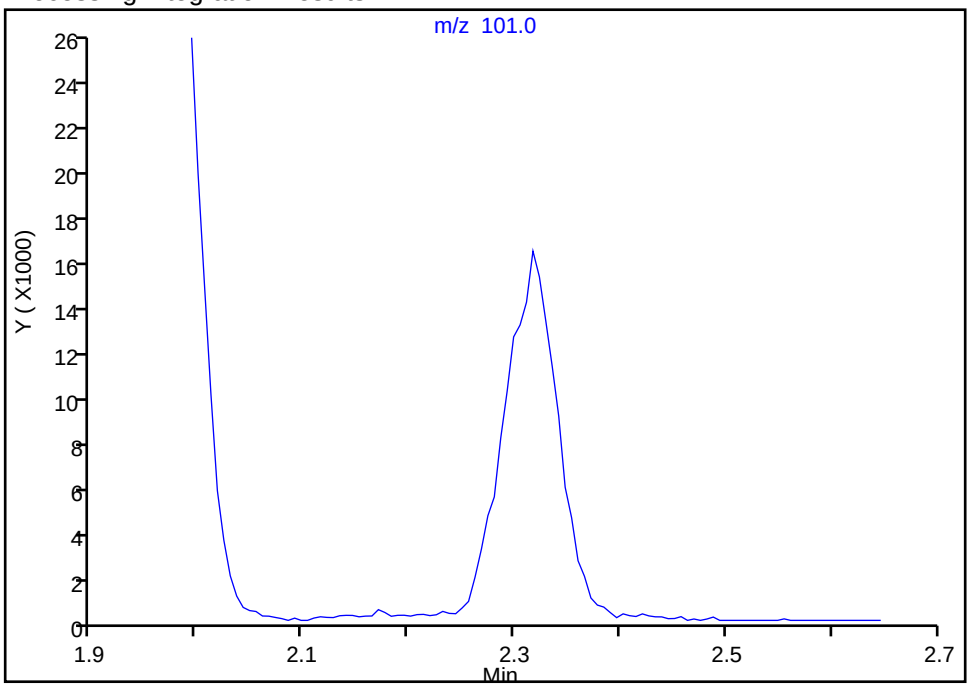
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129154.D
Injection Date: 02-Sep-2020 19:51:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

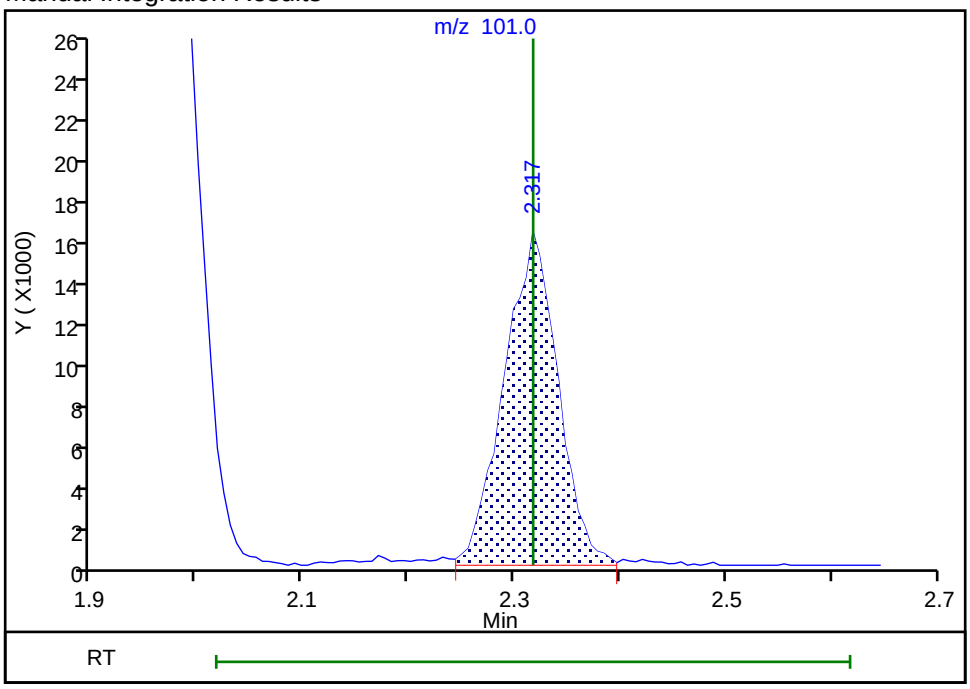
Not Detected
Expected RT: 2.32

Processing Integration Results



Manual Integration Results

RT: 2.32
Area: 56431
Amount: 16.670978
Amount Units: ug/l



Reviewer: parekhv, 02-Sep-2020 21:44:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

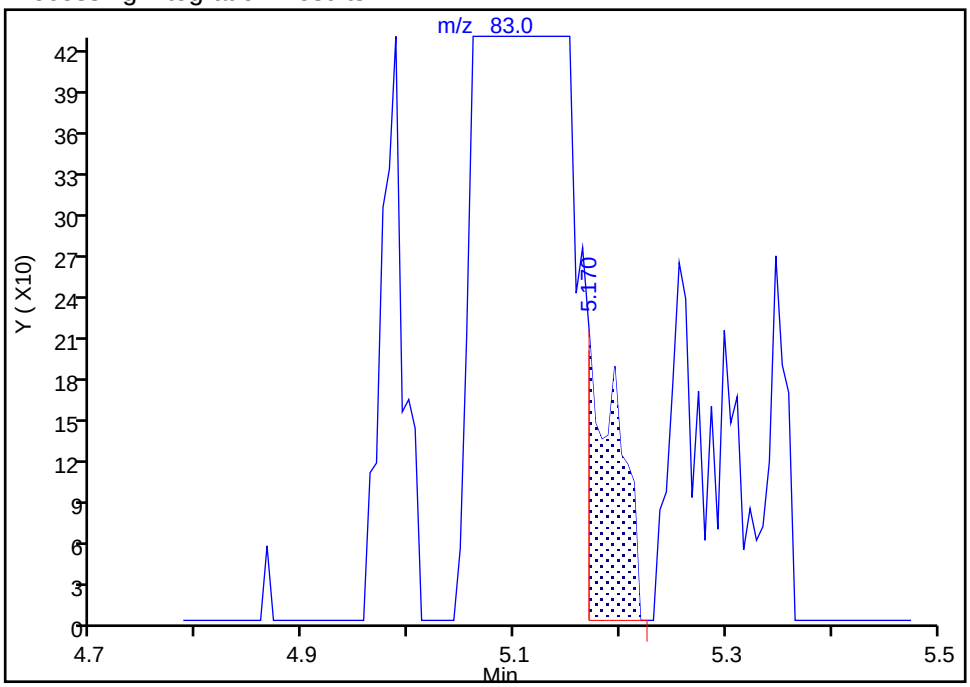
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129154.D
Injection Date: 02-Sep-2020 19:51:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

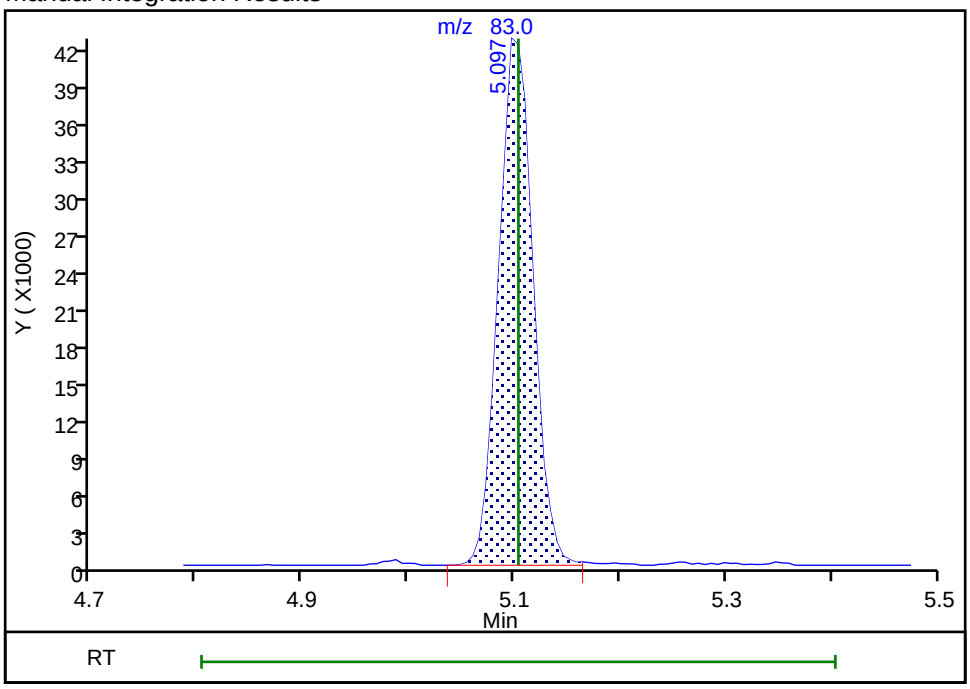
Processing Integration Results

RT: 5.17
Area: 416
Amount: 0.067813
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 95237
Amount: 15.524760
Amount Units: ug/l



Reviewer: parekhv, 02-Sep-2020 21:43:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720210/4

Matrix: Water Lab File ID: T38364.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 08:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.2		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.43
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	20.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.43
107-06-2	1,2-Dichloroethane	20.6		1.0	0.43
78-87-5	1,2-Dichloropropane	20.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.33
78-93-3	2-Butanone (MEK)	91.4		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	90.2		5.0	4.4
71-43-2	Benzene	20.2		1.0	0.20
75-25-2	Bromoform	20.8		1.0	0.54
74-83-9	Bromomethane	23.6		1.0	0.55
75-15-0	Carbon disulfide	20.6		1.0	0.82
56-23-5	Carbon tetrachloride	20.1		1.0	0.21
108-90-7	Chlorobenzene	20.7		1.0	0.38
74-97-5	Chlorobromomethane	20.6		1.0	0.41
124-48-1	Chlorodibromomethane	21.2		1.0	0.28
75-00-3	Chloroethane	21.6		1.0	0.32
67-66-3	Chloroform	21.4		1.0	0.33
74-87-3	Chloromethane	18.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.4		1.0	0.22
110-82-7	Cyclohexane	19.9		1.0	0.32
75-27-4	Dichlorobromomethane	21.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.4		1.0	0.31
100-41-4	Ethylbenzene	20.0		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720210/4

Matrix: Water Lab File ID: T38364.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 08:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720210 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	20.0		1.0	0.50
98-82-8	Isopropylbenzene	19.7		1.0	0.34
79-20-9	Methyl acetate	42.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.3		1.0	0.47
108-87-2	Methylcyclohexane	20.6		1.0	0.26
75-09-2	Methylene Chloride	20.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.1		1.0	0.30
95-47-6	o-Xylene	19.4		1.0	0.36
100-42-5	Styrene	20.2		1.0	0.42
127-18-4	Tetrachloroethene	20.0		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.49
79-01-6	Trichloroethene	20.5		1.0	0.31
75-69-4	Trichlorofluoromethane	22.3		1.0	0.32
75-01-4	Vinyl chloride	20.5		1.0	0.17
1330-20-7	Xylenes, Total	39.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		75-123
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38364.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 28-Aug-2020 08:23:56 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0115909-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 10:35:22 Calib Date: 03-Aug-2020 06:35:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20200802-114382.b\T37121.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: desais Date: 28-Aug-2020 10:34:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.586	0.586	0.000	27	3451	20.0	12.1	
3 Chlorotrifluoroethene	116	0.635	0.635	-0.001	49	8083	20.0	12.9	
2 1,1-Difluoroethane	65	0.641	0.635	0.006	98	21410	20.0	18.3	
4 Dichlorodifluoromethane	85	0.653	0.653	0.000	98	61764	20.0	18.4	
5 Chlorodifluoromethane	67	0.659	0.653	0.006	97	8196	20.0	18.8	
6 Chloromethane	50	0.726	0.726	0.000	99	47342	20.0	18.7	
7 Vinyl chloride	62	0.769	0.769	0.000	99	62779	20.0	20.5	
8 Butadiene	54	0.787	0.787	0.000	96	60654	20.0	21.7	
9 Bromomethane	94	0.909	0.909	0.000	98	23837	20.0	23.6	
10 Chloroethane	64	0.952	0.958	-0.006	100	42495	20.0	21.6	
11 Dichlorofluoromethane	67	1.043	1.043	0.000	91	101527	20.0	22.4	
12 Trichlorofluoromethane	101	1.073	1.074	-0.001	100	87668	20.0	22.3	
13 Pentane	72	1.110	1.110	0.000	96	18868	40.0	47.6	
14 Ethanol	45	1.165	1.171	-0.006	94	13760	800.0	1384.7	
15 Ethyl ether	59	1.208	1.208	0.000	57	35761	20.0	20.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.214	1.214	0.000	78	41635	20.0	20.1	
17 2-Methyl-1,3-butadiene	53	1.220	1.220	0.000	84	44019	20.0	20.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.244	1.244	0.000	97	73182	20.0	20.5	
19 Acrolein	56	1.269	1.269	0.000	96	11436	40.0	39.5	
20 1,1-Dichloroethene	96	1.317	1.318	-0.001	98	43073	20.0	20.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.317	1.318	-0.001	68	49633	20.0	21.1	
22 Acetone	43	1.348	1.348	0.000	87	58370	100.0	90.2	
23 Iodomethane	142	1.390	1.391	-0.001	99	28288	20.0	36.8	
24 Carbon disulfide	76	1.421	1.421	0.000	99	154789	20.0	20.6	
25 Isopropyl alcohol	45	1.427	1.427	0.000	32	26233	200.0	215.0	
26 Acetonitrile	40	1.494	1.494	0.000	83	31553	200.0	213.1	
27 3-Chloro-1-propene	76	1.500	1.500	0.000	91	28313	20.0	20.5	
28 Methyl acetate	43	1.518	1.519	-0.001	98	63130	40.0	42.7	
29 Cyclopentene	67	1.543	1.543	0.000	96	116104	20.0	20.1	
30 Methylene Chloride	84	1.567	1.568	-0.001	93	48308	20.0	20.2	
* 31 TBA-d9 (IS)	66	1.598	1.598	0.000	100	32356	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.647	1.647	-0.001	99	39138	200.0	187.7	
33 Acrylonitrile	53	1.707	1.708	-0.001	93	160954	200.0	189.9	
34 trans-1,2-Dichloroethene	96	1.720	1.720	0.000	96	47967	20.0	19.3	
35 Methyl tert-butyl ether	73	1.732	1.732	0.000	97	125726	20.0	20.3	
36 Hexane	57	1.890	1.891	-0.001	94	61834	20.0	21.3	
37 1,1-Dichloroethane	63	1.970	1.970	0.000	100	87482	20.0	20.1	
38 Vinyl acetate	86	2.018	2.019	-0.001	100	18103	40.0	41.7	
39 2-Chloro-1,3-butadiene	88	2.031	2.031	0.000	70	46497	20.0	19.8	
40 Isopropyl ether	45	2.031	2.031	0.000	76	155291	20.0	21.3	
41 Tert-butyl ethyl ether	59	2.274	2.275	-0.001	89	133189	20.0	20.0	
* 42 2-Butanone-d5	46	2.335	2.336	-0.001	78	249862	250.0	250.0	
44 2,2-Dichloropropane	97	2.360	2.354	0.006	77	16728	20.0	20.5	
43 cis-1,2-Dichloroethene	96	2.360	2.360	0.000	86	50768	20.0	19.3	
45 2-Butanone (MEK)	43	2.378	2.378	0.000	99	96797	100.0	91.4	
46 Propionitrile	54	2.421	2.421	0.000	98	59346	200.0	208.6	
47 Ethyl acetate	70	2.439	2.439	0.000	99	8180	40.0	37.3	
48 Methyl acrylate	55	2.457	2.458	-0.001	95	43041	20.0	18.6	
50 Methacrylonitrile	67	2.530	2.531	-0.001	91	185933	200.0	199.9	
49 Chlorobromomethane	128	2.530	2.531	-0.001	47	23625	20.0	20.6	
51 Tetrahydrofuran	72	2.573	2.573	0.000	83	11684	40.0	41.3	
52 Chloroform	83	2.598	2.598	0.000	98	89380	20.0	21.4	
$ 53 Dibromofluoromethane (Surr)	113	2.719	2.720	-0.001	94	126023	50.0	53.7	
54 1,1,1-Trichloroethane	97	2.726	2.726	0.000	72	73673	20.0	20.5	
55 Cyclohexane	84	2.768	2.769	-0.001	92	66468	20.0	19.9	
56 Carbon tetrachloride	117	2.860	2.860	0.000	76	60987	20.0	20.1	
57 1,1-Dichloropropene	75	2.860	2.860	0.000	93	69132	20.0	19.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.982	2.982	0.000	99	140912	50.0	55.1	
59 Isobutyl alcohol	43	3.018	3.019	0.000	53	37854	500.0	518.0	
60 Benzene	78	3.024	3.025	-0.001	97	191707	20.0	20.2	
61 1,2-Dichloroethane	62	3.043	3.043	0.000	54	63362	20.0	20.6	
62 Isooctane	57	3.116	3.116	0.000	97	107698	20.0	21.2	a
63 Isopropyl acetate	61	3.146	3.147	-0.001	92	17289	20.0	21.3	
64 Tert-amyl methyl ether	73	3.152	3.153	-0.001	73	126438	20.0	20.2	
* 65 Fluorobenzene	96	3.274	3.275	-0.001	98	425014	50.0	50.0	
66 n-Heptane	43	3.299	3.299	0.000	83	46617	20.0	21.3	
67 Trichloroethene	95	3.610	3.610	0.000	93	50798	20.0	20.5	
68 n-Butanol	56	3.634	3.634	0.000	78	22204	500.0	469.0	
69 Ethyl acrylate	55	3.780	3.774	0.006	96	108946	20.0	21.1	
70 Methylcyclohexane	83	3.786	3.787	-0.001	79	69132	20.0	20.6	
71 1,2-Dichloropropane	63	3.823	3.817	0.006	88	51294	20.0	20.8	
72 Dibromomethane	93	3.933	3.933	0.000	58	30078	20.0	19.9	
* 73 1,4-Dioxane-d8	96	3.939	3.939	0.000	86	21954	1000.0	1000.0	
74 1,4-Dioxane	88	3.988	3.988	0.000	35	9289	400.0	453.1	
75 Methyl methacrylate	100	4.000	4.000	0.000	90	20751	40.0	37.5	
76 n-Propyl acetate	43	4.085	4.085	0.000	98	61968	20.0	21.6	
77 Dichlorobromomethane	83	4.116	4.116	0.000	95	65414	20.0	21.5	
78 2-Nitropropane	41	4.372	4.366	0.006	98	19235	40.0	48.7	
79 2-Chloroethyl vinyl ether	63	4.487	4.488	-0.001	91	16016	20.0	16.1	
80 Epichlorohydrin	57	4.524	4.524	0.000	99	84520	400.0	409.4	
81 cis-1,3-Dichloropropene	75	4.615	4.610	0.005	88	77542	20.0	20.4	
82 4-Methyl-2-pentanone (MIBK)	43	4.829	4.829	0.000	97	205891	100.0	106.3	
$ 83 Toluene-d8 (Surr)	98	4.908	4.902	0.006	98	430744	50.0	54.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.981	4.982	-0.001	93	192932	20.0	19.8	
85 trans-1,3-Dichloropropene	75	5.292	5.286	0.006	93	69719	20.0	21.0	
86 Ethyl methacrylate	69	5.481	5.475	0.006	88	51685	20.0	19.5	
87 1,1,2-Trichloroethane	83	5.499	5.500	-0.001	92	35177	20.0	20.6	
88 Tetrachloroethene	166	5.640	5.640	0.000	91	42056	20.0	20.0	
89 1,3-Dichloropropane	76	5.701	5.701	0.000	93	67935	20.0	19.5	
90 2-Hexanone	43	5.890	5.890	0.000	97	133774	100.0	100.8	
91 Chlorodibromomethane	129	5.975	5.975	0.000	95	43775	20.0	21.2	
92 Ethylene Dibromide	107	6.085	6.085	0.000	98	41796	20.0	20.0	
93 n-Butyl acetate	43	6.121	6.122	-0.001	98	64211	20.0	21.9	
* 94 Chlorobenzene-d5	117	6.749	6.750	-0.001	87	290385	50.0	50.0	
95 Chlorobenzene	112	6.786	6.786	0.000	92	117551	20.0	20.7	
96 1,1,1,2-Tetrachloroethane	131	6.932	6.932	0.000	91	41235	20.0	21.6	
97 Ethylbenzene	106	6.993	6.993	0.000	99	61125	20.0	20.0	
98 m-Xylene & p-Xylene	106	7.176	7.176	0.000	0	74355	20.0	20.1	
99 o-Xylene	106	7.743	7.743	0.000	92	69127	20.0	19.4	
100 Styrene	104	7.773	7.774	-0.001	90	116403	20.0	20.2	
101 n-Butyl acrylate	73	7.871	7.871	0.000	97	29887	20.0	20.9	
102 Bromoform	173	7.987	7.987	0.000	91	24175	20.0	20.8	
103 Amyl acetate (mixed isomers)	43	8.261	8.261	0.000	89	69918	20.0	22.5	
104 Isopropylbenzene	105	8.347	8.341	0.005	97	174309	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	8.535	8.530	0.005	83	109964	50.0	54.4	
106 Bromobenzene	156	8.706	8.700	0.006	94	40225	20.0	20.3	
107 1,1,2,2-Tetrachloroethane	83	8.859	8.859	0.000	88	50074	20.0	20.2	
108 1,2,3-Trichloropropane	110	8.865	8.865	0.000	81	13617	20.0	22.2	
109 trans-1,4-Dichloro-2-butene	53	8.956	8.956	0.000	86	13674	20.0	21.9	
110 N-Propylbenzene	91	8.993	8.993	0.000	98	225003	20.0	20.2	
111 2-Chlorotoluene	91	9.054	9.054	0.000	95	123471	20.0	20.0	
112 4-Ethyltoluene	105	9.194	9.194	0.000	98	165082	20.0	20.2	
113 4-Chlorotoluene	91	9.243	9.243	0.000	99	131779	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	9.310	9.310	0.000	91	127757	20.0	19.9	
115 Butyl Methacrylate	87	9.621	9.621	0.000	91	48620	20.0	21.2	
116 tert-Butylbenzene	119	9.810	9.810	0.000	88	107252	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	9.895	9.895	0.000	98	127223	20.0	19.7	
118 sec-Butylbenzene	105	10.175	10.176	-0.001	98	157843	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.255	10.255	0.000	92	67424	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	10.383	10.377	0.006	96	122697	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.419	10.420	-0.001	89	69289	20.0	19.8	
122 4-Isopropyltoluene	119	10.462	10.462	0.000	87	123668	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	10.560	10.560	0.000	99	123604	20.0	19.6	
124 Benzyl chloride	91	10.688	10.688	0.000	98	72639	20.0	21.0	
125 2,3-Dihydroindene	117	10.834	10.834	0.000	89	122566	20.0	20.0	
126 1,2-Dichlorobenzene	146	11.005	11.005	0.000	92	63594	20.0	20.5	
127 p-Diethylbenzene	119	11.108	11.108	0.000	89	58424	20.0	19.5	
128 n-Butylbenzene	92	11.139	11.139	0.000	97	65658	20.0	20.8	
129 1,2-Dibromo-3-Chloropropane	157	12.090	12.090	0.000	77	6720	20.0	18.5	
130 1,2,4,5-Tetramethylbenzene	119	12.138	12.133	0.005	96	85317	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	12.334	12.334	0.000	93	31078	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	12.949	12.950	-0.001	92	25759	20.0	18.3	
133 Hexachlorobutadiene	225	13.150	13.151	-0.001	54	10173	20.0	18.7	
134 Naphthalene	128	13.150	13.151	-0.001	98	71495	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	13.376	13.370	0.006	91	20277	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.6	
S 137 Xylenes, Total	100				0		40.0	39.5	
S 140 Total BTEX	1				0		100.0	99.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
GASES Li_00383	Amount Added:	20.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Aug-2020 10:35:50 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20200828-115902.b\T38364.D

Injection Date: 28-Aug-2020 08:23:56 Instrument ID: CVOAMS15

Lims ID: LCSD

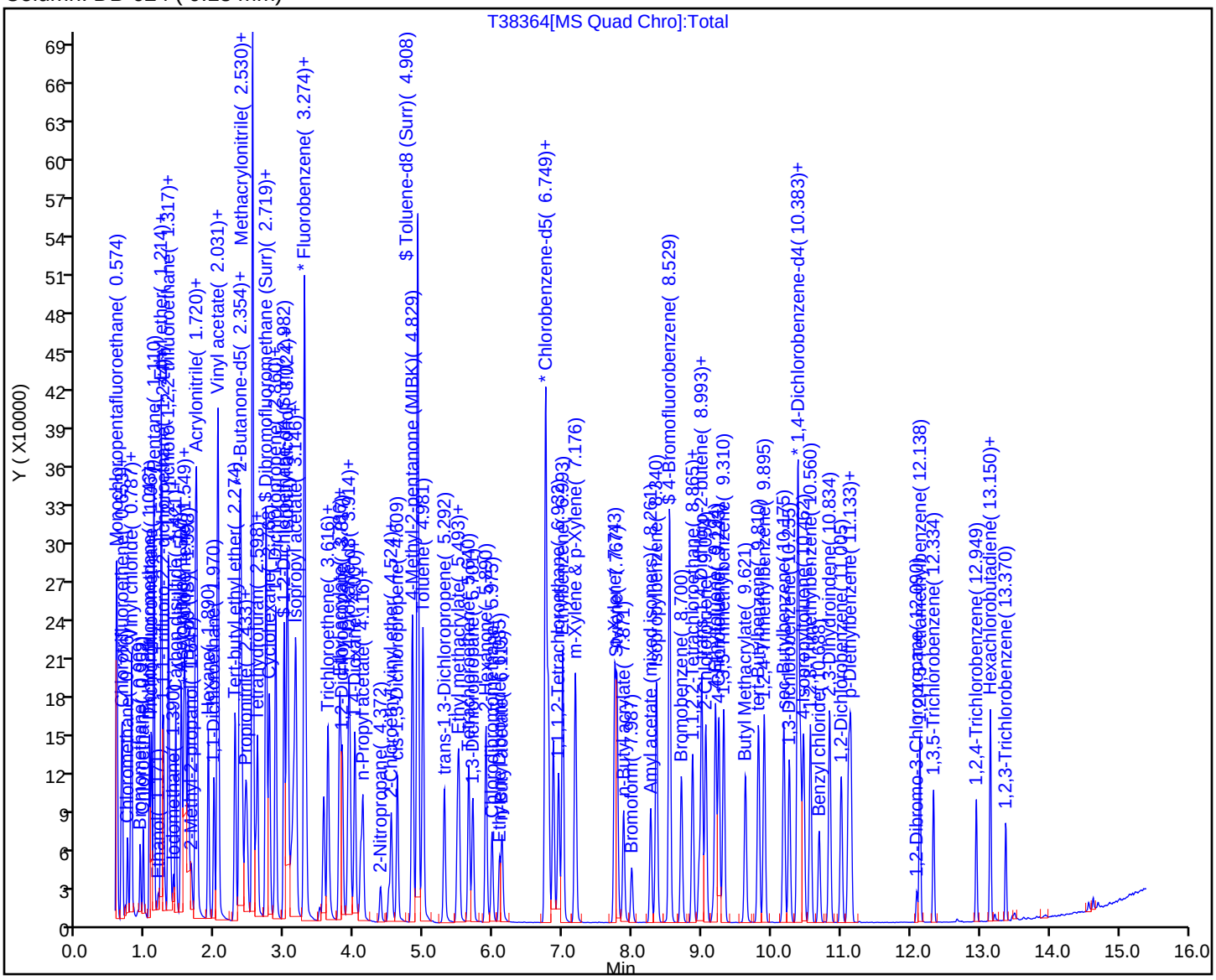
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720240/5

Matrix: Solid Lab File ID: K18524.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 11:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0225		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0211		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0244		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0217		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0216		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0219		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0227		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0240		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0213		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0222		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0211		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0212		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0222		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0224		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.103		0.0050	0.0027
591-78-6	2-Hexanone	0.119		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.121		0.0050	0.0016
67-64-1	Acetone	0.105		0.0060	0.0057
71-43-2	Benzene	0.0216		0.0010	0.00026
75-25-2	Bromoform	0.0206		0.0010	0.00043
74-83-9	Bromomethane	0.0201		0.0010	0.00047
75-15-0	Carbon disulfide	0.0203		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0226		0.0010	0.00039
108-90-7	Chlorobenzene	0.0219		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0215		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0203		0.0010	0.00019
75-00-3	Chloroethane	0.0206		0.0010	0.00052
67-66-3	Chloroform	0.0223		0.0010	0.00032
74-87-3	Chloromethane	0.0213		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0208		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0201		0.0010	0.00027
110-82-7	Cyclohexane	0.0244		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0206		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0237		0.0010	0.00034
100-41-4	Ethylbenzene	0.0225		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720240/5

Matrix: Solid Lab File ID: K18524.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 11:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720240 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0217		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0238		0.0010	0.00013
79-20-9	Methyl acetate	0.0386		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0207		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0248		0.0010	0.00050
75-09-2	Methylene Chloride	0.0179		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0227		0.0010	0.00017
95-47-6	o-Xylene	0.0227		0.0010	0.00019
100-42-5	Styrene	0.0226		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0227		0.0010	0.00014
108-88-3	Toluene	0.0217		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0218		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0201		0.0010	0.00027
79-01-6	Trichloroethene	0.0220		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0227		0.0010	0.00041
75-01-4	Vinyl chloride	0.0219		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0454		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18524.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 28-Aug-2020 11:07:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0115917-005
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Aug-2020 16:03:14 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1061

First Level Reviewer: starzecm Date: 28-Aug-2020 12:14:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.134	1.145	-0.011	96	122958	20.0	23.7	a
6 Chloromethane	50	1.254	1.270	-0.016	99	155635	20.0	21.3	
7 Butadiene	54	1.292	1.303	-0.011	98	100648	20.0	22.1	
8 Vinyl chloride	62	1.319	1.330	-0.011	98	110316	20.0	21.9	
9 Bromomethane	94	1.500	1.510	-0.010	99	69726	20.0	20.1	
10 Chloroethane	64	1.538	1.538	0.000	100	53454	20.0	20.6	
11 Dichlorofluoromethane	67	1.680	1.685	-0.005	99	131103	20.0	20.4	
13 Pentane	72	1.718	1.729	-0.011	96	23205	40.0	42.0	
12 Trichlorofluoromethane	101	1.729	1.734	-0.005	58	110413	20.0	22.7	
15 Ethyl ether	59	1.849	1.860	-0.011	96	53908	20.0	20.5	a
16 2-Methyl-1,3-butadiene	53	1.876	1.881	-0.005	88	78336	20.0	25.2	
14 Ethanol	46	1.909	1.914	-0.005	68	23071	800.0	862.1	Ma
19 Acrolein	56	1.936	1.947	-0.011	95	134661	300.0	265.8	
21 1,1-Dichloroethene	96	2.018	2.029	-0.011	98	66677	20.0	21.9	
22 Acetone	43	2.045	2.056	-0.011	88	122845	100.0	104.6	
20 112TCTFE	101	2.045	2.061	-0.016	66	75572	20.0	24.4	
23 Iodomethane	142	2.127	2.132	-0.005	98	131063	20.0	20.0	
24 Isopropyl alcohol	45	2.176	2.182	-0.006	95	66158	200.0	151.4	a
25 Carbon disulfide	76	2.176	2.187	-0.011	99	276212	20.0	20.3	
26 3-Chloro-1-propene	39	2.253	2.258	-0.005	90	107965	20.0	22.2	a
27 Methyl acetate	43	2.263	2.269	-0.006	100	116181	40.0	38.6	
29 Acetonitrile	41	2.307	2.296	0.011	33	56931	200.0	160.5	a
28 Cyclopentene	67	2.313	2.323	-0.010	97	198695	20.0	22.6	
31 Methylene Chloride	84	2.340	2.351	-0.011	96	82252	20.0	17.9	
* 30 TBA-d9 (IS)	65	2.416	2.422	-0.006	97	404062	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.471	2.471	0.000	91	113789	200.0	190.6	a
35 Acrylonitrile	53	2.514	2.520	-0.006	94	295455	200.0	213.0	
34 trans-1,2-Dichloroethene	96	2.542	2.547	-0.005	98	75333	20.0	21.8	
33 Methyl tert-butyl ether	73	2.558	2.563	-0.005	96	191729	20.0	20.7	
36 Hexane	43	2.749	2.754	-0.005	94	73805	20.0	23.3	
38 1,1-Dichloroethane	63	2.858	2.864	-0.006	99	145860	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.896	2.902	-0.006	100	23849	40.0	27.0	
37 Isopropyl ether	45	2.929	2.929	0.000	85	262271	20.0	21.2	
40 2-Chloro-1,3-butadiene	88	2.929	2.935	-0.005	92	72445	20.0	22.9	
41 Tert-butyl ethyl ether	59	3.224	3.229	-0.005	92	254884	20.0	23.1	
* 42 2-Butanone-d5	46	3.306	3.306	0.000	94	275944	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	3.333	3.338	-0.005	94	85538	20.0	20.8	
43 2,2-Dichloropropane	79	3.349	3.349	0.000	75	37116	20.0	21.9	
46 2-Butanone (MEK)	72	3.355	3.360	-0.005	98	42105	100.0	102.6	M
48 Propionitrile	54	3.404	3.409	-0.005	95	122590	200.0	189.9	
45 Ethyl acetate	70	3.409	3.415	-0.006	99	14188	40.0	39.9	M
47 Methyl acrylate	55	3.431	3.442	-0.011	99	77476	20.0	22.0	M
51 Methacrylonitrile	67	3.529	3.535	-0.006	94	306459	200.0	221.7	
50 Chlorobromomethane	128	3.535	3.546	-0.011	96	42282	20.0	21.5	
49 Tetrahydrofuran	72	3.595	3.606	-0.011	93	20506	40.0	45.0	
52 Chloroform	83	3.617	3.617	0.000	98	143395	20.0	22.3	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.758	0.000	96	183855	50.0	52.6	
54 1,1,1-Trichloroethane	97	3.791	3.797	-0.006	98	116011	20.0	22.5	
53 Cyclohexane	84	3.846	3.846	0.000	93	126398	20.0	24.4	
57 1,1-Dichloropropene	75	3.933	3.938	-0.005	96	106450	20.0	22.4	
56 Carbon tetrachloride	117	3.949	3.949	0.000	97	99044	20.0	22.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.075	-0.006	0	186892	50.0	51.9	
58 Isobutyl alcohol	74	4.130	4.129	0.001	97	26643	500.0	376.1	a
60 Benzene	78	4.130	4.135	-0.005	95	306817	20.0	21.6	
64 1,2-Dichloroethane	62	4.146	4.151	-0.005	96	96140	20.0	21.1	
59 Isooctane	57	4.217	4.222	-0.005	96	351605	20.0	26.1	
62 Isopropyl acetate	43	4.239	4.239	0.000	95	297672	20.0	22.4	a
63 Tert-amyl methyl ether	87	4.260	4.255	0.005	91	65580	20.0	22.2	
* 66 Fluorobenzene	96	4.408	4.413	-0.005	98	513213	50.0	50.0	
65 n-Heptane	57	4.419	4.419	0.000	96	82674	20.0	12.8	
68 n-Butanol	56	4.757	4.790	-0.033	92	61785	500.0	396.2	M
69 Trichloroethene	95	4.795	4.795	0.000	99	72091	20.0	22.0	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	9324	20.0	18.4	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	151343	20.0	24.8	
72 1,2-Dichloropropane	63	5.035	5.035	0.000	91	74750	20.0	21.2	
77 Dibromomethane	93	5.161	5.161	0.000	98	43464	20.0	21.1	
* 73 1,4-Dioxane-d8	96	5.199	5.183	0.016	96	36484	1000.0	1000.0	
74 Methyl methacrylate	69	5.183	5.188	-0.005	92	77593	40.0	41.7	
75 1,4-Dioxane	88	5.226	5.232	-0.006	59	22678	400.0	450.6	
76 n-Propyl acetate	43	5.270	5.270	0.000	98	86226	20.0	20.1	
78 Dichlorobromomethane	83	5.352	5.357	-0.005	99	88896	20.0	20.6	
79 2-Nitropropane	41	5.625	5.619	0.006	98	26317	40.0	35.0	
67 2-Chloroethyl vinyl ether	63	5.723	5.728	-0.005	94	18512	20.0	33.0	
80 Epichlorohydrin	57	5.777	5.783	-0.006	99	128008	400.0	442.7	
81 cis-1,3-Dichloropropene	75	5.881	5.886	-0.005	94	93482	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.116	0.005	97	386996	100.0	121.0	
$ 83 Toluene-d8 (Surr)	98	6.219	6.219	0.000	100	561536	50.0	50.3	
84 Toluene	91	6.301	6.307	-0.006	93	271865	20.0	21.7	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	98	75928	20.0	20.1	
86 Ethyl methacrylate	69	6.787	6.787	0.000	91	76165	20.0	21.9	
87 1,1,2-Trichloroethane	83	6.841	6.847	-0.006	96	44667	20.0	21.7	
88 Tetrachloroethene	166	7.021	7.021	0.000	97	65759	20.0	22.7	
89 1,3-Dichloropropane	76	7.065	7.065	0.000	95	85635	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.234	7.234	0.000	97	218831	100.0	118.8	
92 Chlorodibromomethane	129	7.371	7.371	0.000	98	57052	20.0	20.3	
91 n-Butyl acetate	43	7.458	7.458	0.000	99	98298	20.0	21.9	
93 Ethylene Dibromide	107	7.496	7.501	-0.005	97	51146	20.0	21.7	
* 94 Chlorobenzene-d5	117	8.195	8.194	0.000	86	353104	50.0	50.0	
95 Chlorobenzene	112	8.233	8.233	0.000	94	165391	20.0	21.9	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.385	-0.005	94	73635	20.0	21.5	
96 Ethylbenzene	106	8.435	8.435	0.000	99	94231	20.0	22.5	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	118788	20.0	22.7	
100 o-Xylene	106	9.220	9.220	0.000	93	126933	20.0	22.7	
101 Styrene	104	9.248	9.248	0.000	95	183250	20.0	22.6	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	50762	20.0	23.3	
103 Bromoform	173	9.482	9.488	-0.006	97	39255	20.0	20.6	
102 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	89	123714	20.0	21.5	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	342423	20.0	23.8	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	174707	50.0	52.4	
106 Bromobenzene	156	10.235	10.241	-0.006	98	74129	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	86912	20.0	21.1	
109 1,2,3-Trichloropropane	110	10.372	10.366	0.006	98	21048	20.0	20.9	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	88	18650	20.0	20.6	
108 N-Propylbenzene	91	10.503	10.502	0.001	99	405129	20.0	22.9	
111 2-Chlorotoluene	91	10.590	10.590	0.000	97	235819	20.0	21.7	
112 4-Ethyltoluene	105	10.704	10.704	0.000	99	324723	20.0	23.4	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	225522	20.0	21.7	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	291094	20.0	21.8	
115 Butyl Methacrylate	87	11.081	11.086	-0.005	92	92896	20.0	21.9	
116 tert-Butylbenzene	119	11.321	11.326	-0.005	94	214367	20.0	16.4	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	298258	20.0	21.8	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	373974	20.0	22.3	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	148968	20.0	22.2	
* 121 1,4-Dichlorobenzene-d4	152	11.823	11.823	0.000	96	209587	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.850	11.850	0.000	95	149432	20.0	22.4	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	320200	20.0	22.6	
123 1,2,3-Trimethylbenzene	105	11.948	11.948	0.000	99	317449	20.0	22.4	
124 Benzyl chloride	91	12.041	12.041	0.000	98	130788	20.0	22.3	
125 2,3-Dihydroindene	117	12.161	12.167	-0.006	95	295432	20.0	22.7	
128 1,2-Dichlorobenzene	146	12.292	12.292	0.000	96	161949	20.0	22.2	
126 p-Diethylbenzene	119	12.325	12.325	0.000	91	177350	20.0	24.9	a
127 n-Butylbenzene	92	12.347	12.347	0.000	98	184711	20.0	25.1	
130 1,2-Dibromo-3-Chloropropane	157	13.154	13.154	0.000	93	20512	20.0	21.3	
129 1,2,4,5-Tetramethylbenzene	119	13.160	13.160	0.000	97	341752	20.0	23.7	
131 1,3,5-Trichlorobenzene	180	13.367	13.373	-0.006	97	157797	20.0	25.4	
132 1,2,4-Trichlorobenzene	180	13.951	13.951	0.000	94	153140	20.0	24.0	
133 Hexachlorobutadiene	225	14.126	14.131	-0.005	96	72736	20.0	22.8	
134 Naphthalene	128	14.158	14.164	-0.006	99	363285	20.0	23.0	
135 1,2,3-Trichlorobenzene	180	14.371	14.377	-0.006	95	155808	20.0	22.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 137 Xylenes, Total	100				0		40.0	45.4	
S 139 Total BTEX	1				0		100.0	111.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Aug-2020 16:03:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18524.D

Injection Date: 28-Aug-2020 11:07:30 Instrument ID: CVOAMS9 Operator ID:

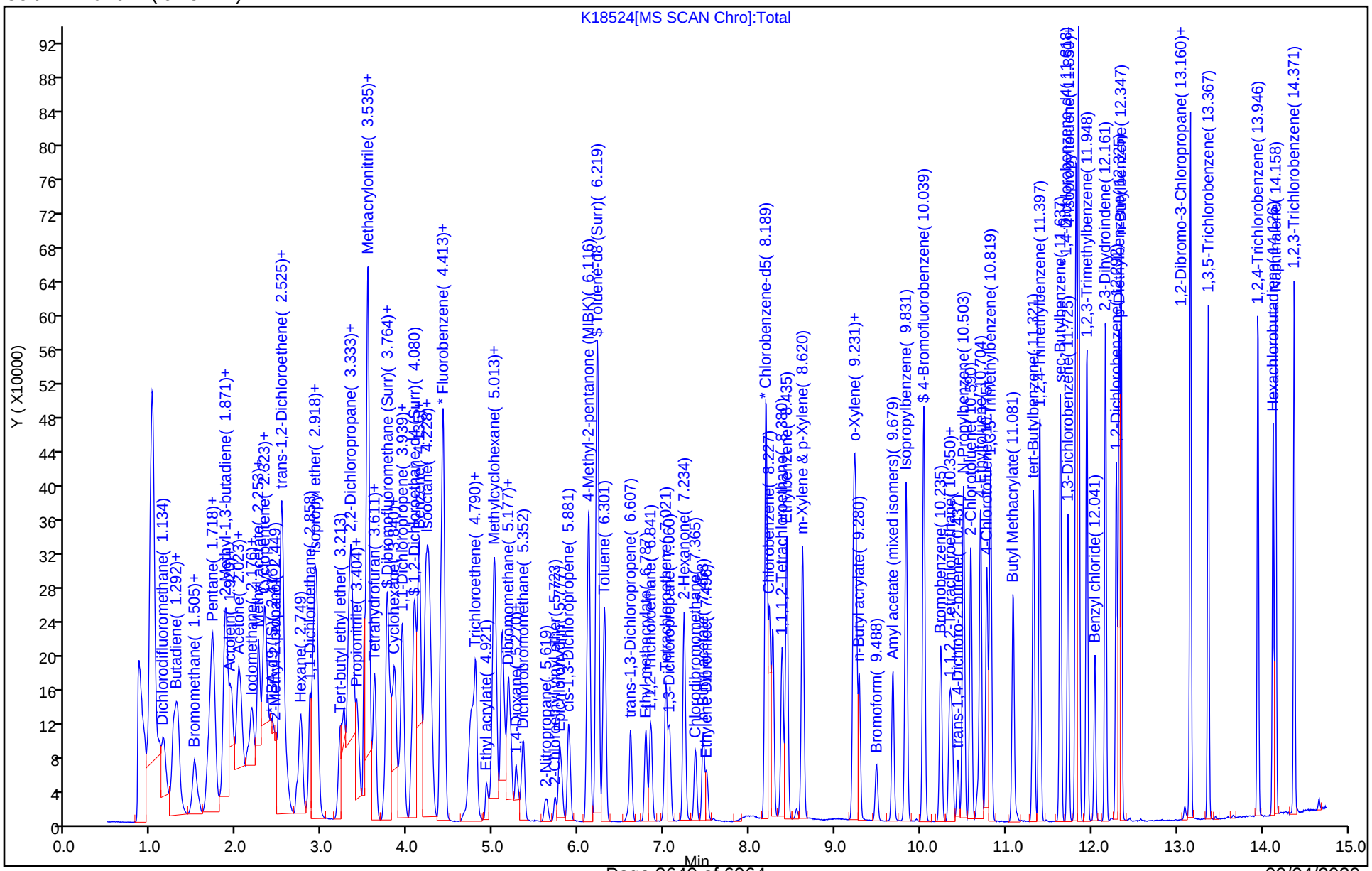
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

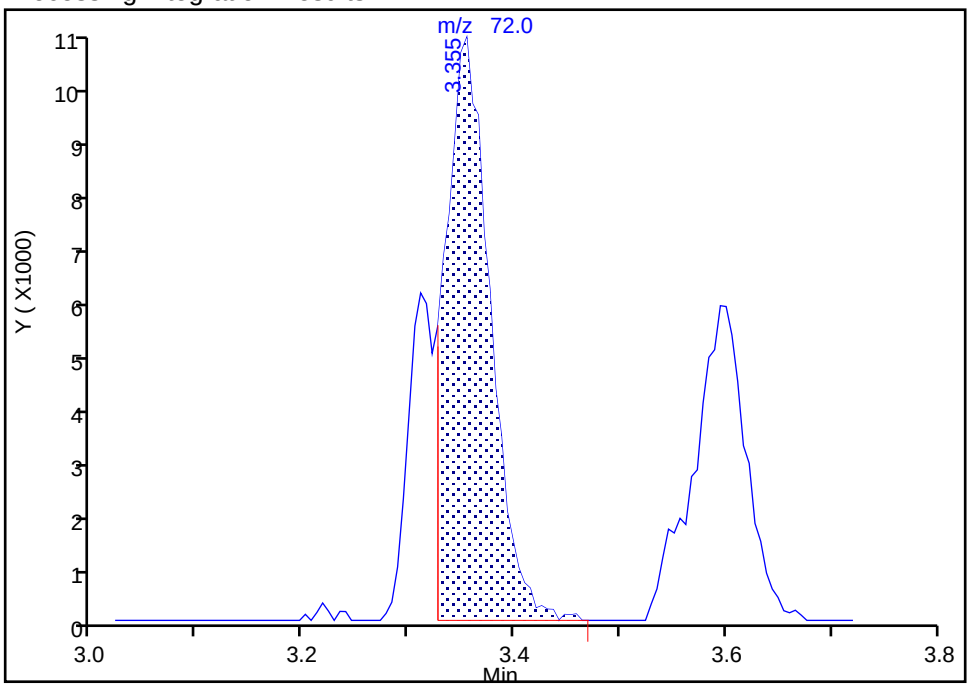
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18524.D
Injection Date: 28-Aug-2020 11:07:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

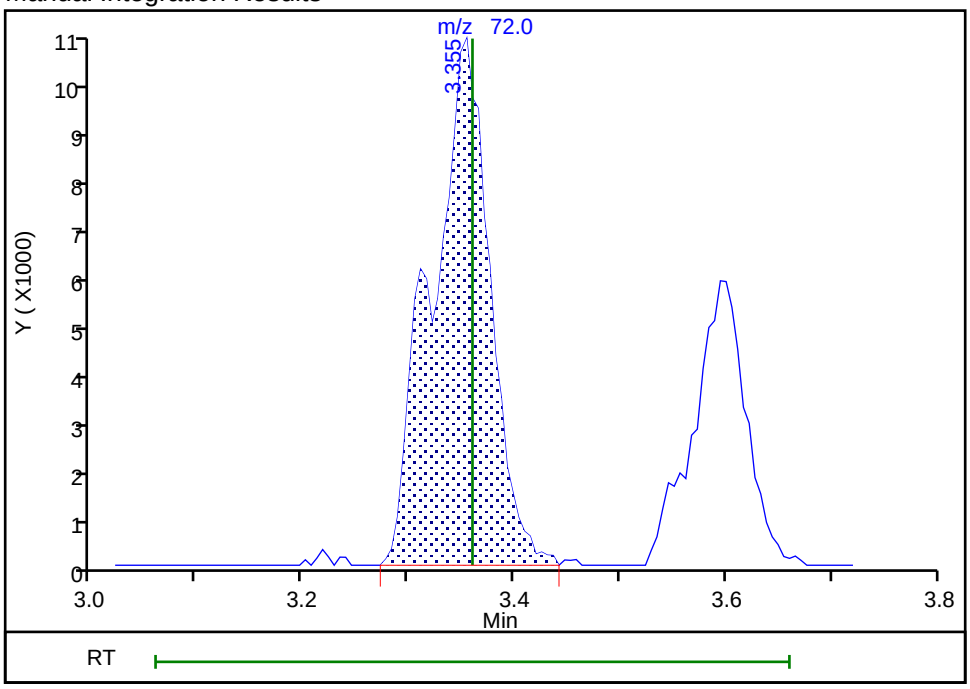
Processing Integration Results

RT: 3.35
Area: 32274
Amount: 78.645781
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 42105
Amount: 102.6021
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 16:02:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

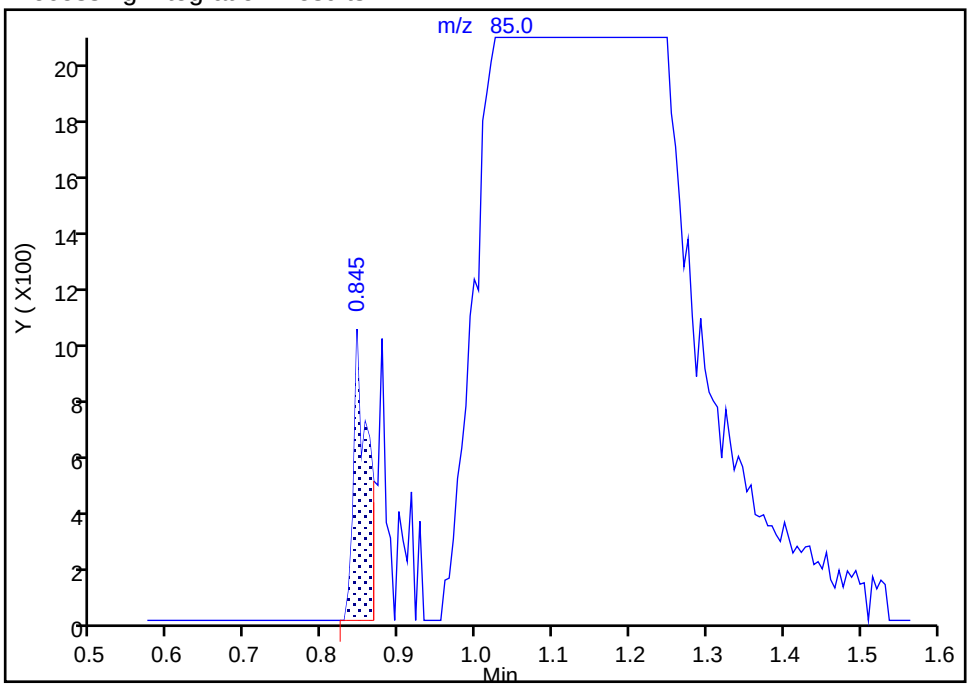
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18524.D
Injection Date: 28-Aug-2020 11:07:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

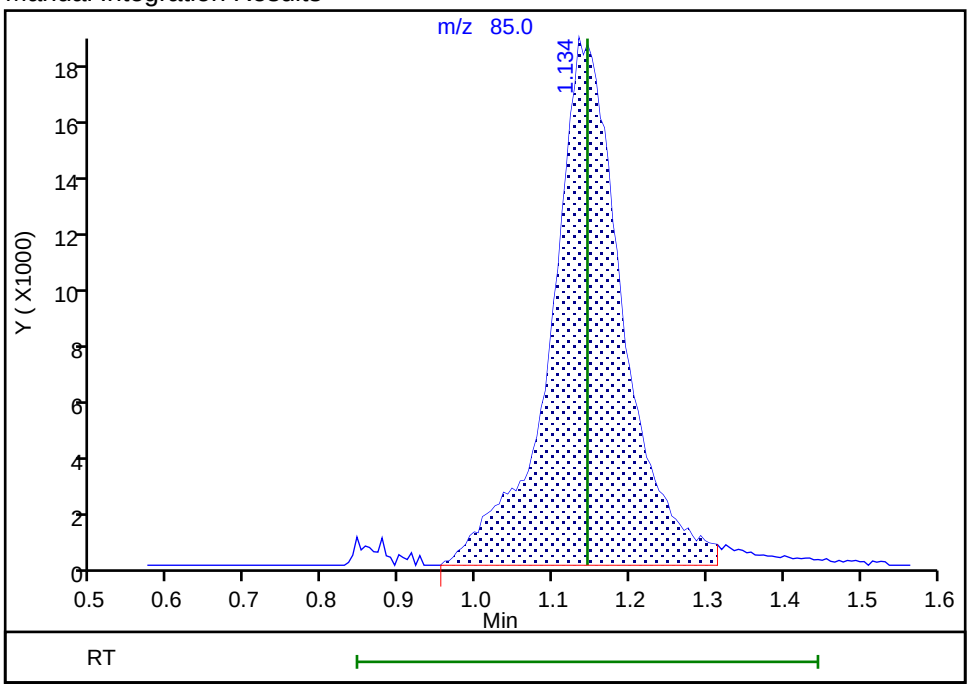
Processing Integration Results

RT: 0.84
Area: 1248
Amount: 0.240296
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 122958
Amount: 23.674895
Amount Units: ug/l



Reviewer: starzecm, 28-Aug-2020 11:33:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

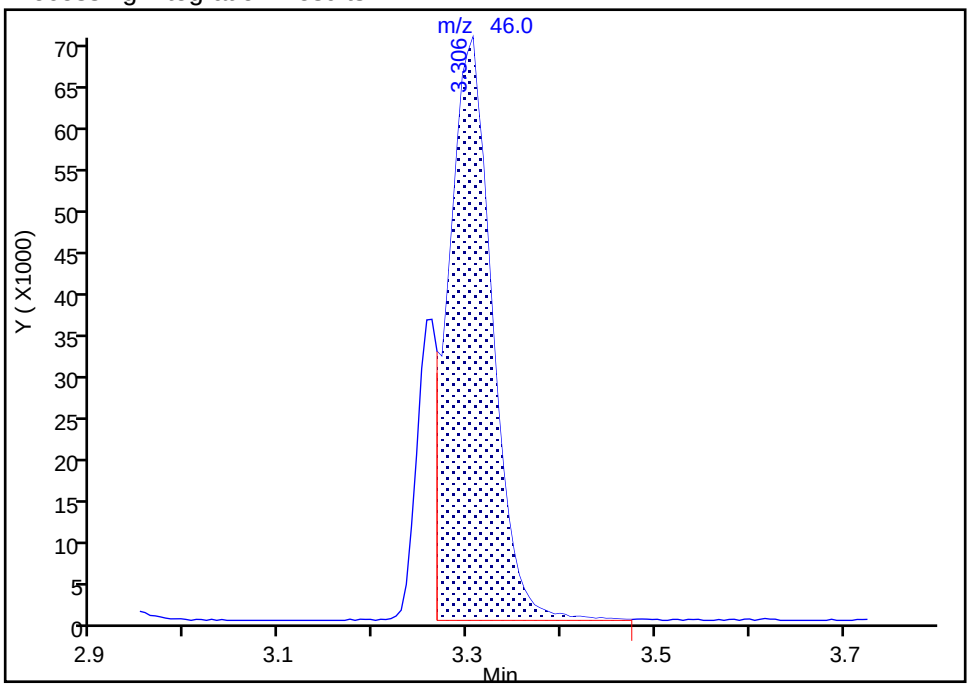
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200828-115917.b\K18524.D
Injection Date: 28-Aug-2020 11:07:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

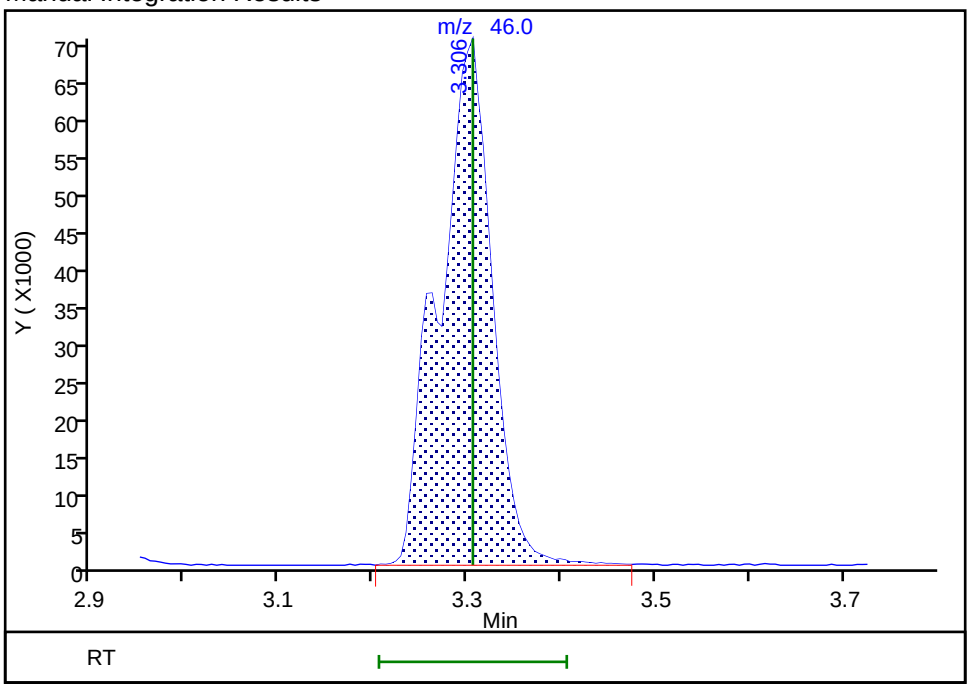
Processing Integration Results

RT: 3.31
Area: 229759
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 275944
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 28-Aug-2020 16:01:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720347/4

Matrix: Solid Lab File ID: B628605.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 18:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0206		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0201		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0191		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0193		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0188		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0182		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0203		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0212		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0197		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0194		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0198		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0200		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0207		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0204		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.101		0.0050	0.0027
591-78-6	2-Hexanone	0.0987		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0978		0.0050	0.0016
67-64-1	Acetone	0.0886		0.0060	0.0057
71-43-2	Benzene	0.0204		0.0010	0.00026
75-25-2	Bromoform	0.0195		0.0010	0.00043
74-83-9	Bromomethane	0.0160		0.0010	0.00047
75-15-0	Carbon disulfide	0.0198		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0201		0.0010	0.00039
108-90-7	Chlorobenzene	0.0199		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0207		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0185		0.0010	0.00019
75-00-3	Chloroethane	0.0147		0.0010	0.00052
67-66-3	Chloroform	0.0207		0.0010	0.00032
74-87-3	Chloromethane	0.0157		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0206		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0189		0.0010	0.00027
110-82-7	Cyclohexane	0.0223		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0188		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0178		0.0010	0.00034
100-41-4	Ethylbenzene	0.0202		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720347/4

Matrix: Solid Lab File ID: B628605.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2020 18:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720347 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0197		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0207		0.0010	0.00013
79-20-9	Methyl acetate	0.0424		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0197		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0216		0.0010	0.00050
75-09-2	Methylene Chloride	0.0204		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0203		0.0010	0.00017
95-47-6	o-Xylene	0.0205		0.0010	0.00019
100-42-5	Styrene	0.0205		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0208		0.0010	0.00014
108-88-3	Toluene	0.0202		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0214		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0187		0.0010	0.00027
79-01-6	Trichloroethene	0.0203		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0154		0.0010	0.00041
75-01-4	Vinyl chloride	0.0162		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0407		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	101		48-150
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628605.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 28-Aug-2020 18:09:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0115927-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 12:41:01 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 28-Aug-2020 19:04:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.660	0.660	0.000	46	14488	20.0	29.4	a
2 1,1-Difluoroethane	51	0.685	0.685	0.000	94	160527	20.0	27.1	
3 Dichlorodifluoromethane	85	0.721	0.721	0.000	66	160496	20.0	17.8	
4 Chlorodifluoromethane	51	0.721	0.727	-0.006	96	215265	20.0	21.3	
5 Chloromethane	50	0.801	0.795	0.006	99	243724	20.0	15.7	
6 Butadiene	54	0.837	0.837	0.000	98	155857	20.0	15.1	
7 Vinyl chloride	62	0.849	0.843	0.006	97	168732	20.0	16.2	
8 Bromomethane	94	0.984	0.984	0.000	98	109294	20.0	16.0	
9 Chloroethane	64	1.008	1.014	-0.006	99	84205	20.0	14.7	
10 Dichlorofluoromethane	67	1.124	1.130	-0.006	98	213014	20.0	15.1	
11 Trichlorofluoromethane	101	1.160	1.154	0.006	54	156004	20.0	15.4	
12 Pentane	72	1.166	1.166	0.000	96	46675	40.0	34.9	
14 Ethanol	46	1.301	1.270	0.031	83	27353	800.0	682.3	
13 Ethyl ether	59	1.276	1.276	0.000	89	94440	20.0	16.5	
15 2-Methyl-1,3-butadiene	53	1.288	1.288	0.000	97	122142	20.0	15.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.307	1.307	0.000	90	111774	20.0	20.1	a
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.331	1.337	-0.006	85	199834	20.0	19.9	a
18 Acrolein	56	1.343	1.349	-0.006	96	256194	300.0	283.7	
19 1,1-Dichloroethene	96	1.398	1.398	0.000	94	105146	20.0	18.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.422	1.429	-0.007	72	119829	20.0	19.1	
21 Acetone	43	1.441	1.441	0.000	85	192860	100.0	88.6	
22 Iodomethane	142	1.477	1.477	0.000	96	196947	20.0	20.8	
23 Carbon disulfide	76	1.514	1.514	0.000	99	418469	20.0	19.8	
24 Isopropyl alcohol	45	1.550	1.563	-0.013	59	111957	200.0	187.5	
25 3-Chloro-1-propene	39	1.605	1.605	0.000	92	170106	20.0	16.6	
26 Methyl acetate	43	1.630	1.636	-0.006	99	171423	40.0	42.4	
27 Acetonitrile	39	1.648	1.648	0.000	61	99152	200.0	184.1	
28 Methylene Chloride	84	1.685	1.685	0.000	98	124614	20.0	20.4	
* 29 TBA-d9 (IS)	65	1.764	1.758	0.006	0	538880	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.807	1.819	-0.012	91	163172	200.0	183.5	a
31 Acrylonitrile	53	1.843	1.843	0.000	95	422891	200.0	176.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.849	1.855	-0.006	96	117846	20.0	21.4	
33 Methyl tert-butyl ether	73	1.874	1.874	0.000	98	293036	20.0	19.7	
34 Hexane	57	2.050	2.056	-0.006	94	205770	20.0	19.7	
35 1,1-Dichloroethane	63	2.142	2.148	-0.006	99	213943	20.0	18.8	
36 2-Chloro-1,3-butadiene	88	2.215	2.215	0.000	63	105941	20.0	21.6	
37 Vinyl acetate	86	2.209	2.215	-0.006	100	37100	40.0	41.2	
38 Isopropyl ether	45	2.233	2.233	0.000	93	463246	20.0	19.8	
39 Tert-butyl ethyl ether	87	2.514	2.514	0.000	86	123719	20.0	21.0	
* 40 2-Butanone-d5	46	2.587	2.593	-0.006	0	454748	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.599	2.605	-0.006	90	118232	20.0	20.6	
42 2,2-Dichloropropane	79	2.605	2.605	0.000	63	53579	20.0	21.6	
43 2-Butanone (MEK)	72	2.642	2.648	-0.006	99	61060	100.0	100.9	
44 Propionitrile	54	2.684	2.684	0.000	96	167486	200.0	214.9	
45 Ethyl acetate	70	2.709	2.721	-0.012	98	18830	40.0	41.9	a
46 Chlorobromomethane	128	2.800	2.800	0.000	97	53939	20.0	20.7	
47 Methacrylonitrile	67	2.812	2.812	0.000	95	412605	200.0	212.7	
48 Tetrahydrofuran	72	2.861	2.861	0.000	64	27244	40.0	47.4	M
49 Chloroform	83	2.898	2.898	0.000	97	187641	20.0	20.7	
50 1,1,1-Trichloroethane	97	3.050	3.044	0.006	67	156881	20.0	20.6	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.044	-0.006	96	219370	50.0	50.3	
52 Cyclohexane	84	3.087	3.099	-0.012	96	188306	20.0	22.3	
53 Carbon tetrachloride	117	3.196	3.196	0.000	73	121767	20.0	20.1	
54 1,1-Dichloropropene	75	3.196	3.203	-0.007	91	160042	20.0	21.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.355	-0.006	0	270032	50.0	51.1	
56 Benzene	78	3.398	3.404	-0.006	97	453627	20.0	20.4	
57 1,2-Dichloroethane	62	3.428	3.434	-0.006	96	135157	20.0	19.8	
58 Isobutyl alcohol	42	3.489	3.489	0.000	34	90680	500.0	458.1	a
59 Tert-amyl methyl ether	73	3.574	3.574	0.000	88	377317	20.0	21.1	a
* 60 Fluorobenzene	96	3.715	3.715	0.000	98	661415	50.0	50.0	
61 n-Heptane	43	3.757	3.763	-0.006	97	246747	20.0	21.8	
62 Trichloroethene	95	4.129	4.141	-0.012	97	102170	20.0	20.3	
63 n-Butanol	43	4.263	4.263	0.000	1	27147	500.0	371.2	a
64 Methylcyclohexane	83	4.349	4.355	-0.006	89	220322	20.0	21.6	
65 Ethyl acrylate	55	4.355	4.361	-0.006	93	329907	20.0	21.5	
66 1,2-Dichloropropane	63	4.391	4.397	-0.006	93	119862	20.0	20.0	
67 Dibromomethane	93	4.538	4.544	-0.006	36	56566	20.0	20.0	
* 68 1,4-Dioxane-d8	96	4.568	4.580	-0.012	0	38031	1000.0	1000.0	a
69 1,4-Dioxane	88	4.647	4.647	0.000	27	26542	400.0	463.9	a
70 Methyl methacrylate	100	4.660	4.660	0.000	92	41506	40.0	43.4	
71 Dichlorobromomethane	83	4.788	4.788	0.000	96	118112	20.0	18.8	
72 2-Nitropropane	41	5.111	5.111	0.000	98	41317	40.0	35.6	
73 2-Chloroethyl vinyl ether	63	5.281	5.294	-0.013	88	32711	20.0	18.8	
74 Epichlorohydrin	57	5.318	5.318	0.000	99	192913	400.0	395.4	
75 cis-1,3-Dichloropropene	75	5.428	5.428	0.000	96	146762	20.0	18.9	
76 4-Methyl-2-pentanone (MIBK)	43	5.733	5.739	-0.006	97	636924	100.0	97.8	a
$ 77 Toluene-d8 (Surr)	98	5.794	5.800	-0.006	97	880707	50.0	49.3	
78 Toluene	91	5.891	5.897	-0.006	93	432179	20.0	20.2	
79 trans-1,3-Dichloropropene	75	6.324	6.330	-0.006	97	117301	20.0	18.7	
80 1,1,2-Trichloroethane	83	6.598	6.604	-0.006	91	66546	20.0	19.3	
81 Tetrachloroethene	166	6.757	6.763	-0.006	97	98412	20.0	20.8	
82 1,3-Dichloropropane	76	6.854	6.854	0.000	98	136008	20.0	19.8	
83 2-Hexanone	43	7.141	7.147	-0.006	99	378913	100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Chlorodibromomethane	129	7.220	7.226	-0.006	98	68938	20.0	18.5	
85 Ethylene Dibromide	107	7.342	7.342	0.000	97	68411	20.0	19.7	
* 86 Chlorobenzene-d5	117	8.244	8.244	0.000	89	479719	50.0	50.0	
87 Chlorobenzene	112	8.293	8.299	-0.006	92	243878	20.0	19.9	
88 1,1,1,2-Tetrachloroethane	131	8.513	8.519	-0.006	95	83460	20.0	18.7	
89 Ethylbenzene	106	8.598	8.604	-0.006	99	143962	20.0	20.2	
90 m-Xylene & p-Xylene	106	8.836	8.842	-0.006	98	177157	20.0	20.3	
92 o-Xylene	106	9.555	9.555	0.000	93	183794	20.0	20.5	
93 Styrene	104	9.598	9.598	0.000	95	275243	20.0	20.5	
91 n-Butyl acrylate	73	9.768	9.768	0.000	0	63648	20.0	20.3	
94 Bromoform	173	9.842	9.848	-0.006	94	41919	20.0	19.5	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	88	197873	20.0	20.4	
96 Isopropylbenzene	105	10.280	10.280	0.000	97	486048	20.0	20.7	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	87	248365	50.0	52.6	
98 Bromobenzene	156	10.658	10.671	-0.013	95	105119	20.0	20.4	
99 1,2,3-Trichloropropane	110	10.872	10.872	0.000	96	27751	20.0	19.0	
100 1,1,2,2-Tetrachloroethane	83	10.878	10.884	-0.006	99	118428	20.0	20.1	
101 trans-1,4-Dichloro-2-butene	53	10.988	10.988	0.000	81	34686	20.0	20.7	
102 N-Propylbenzene	120	11.012	11.012	0.000	99	133379	20.0	21.5	
103 2-Chlorotoluene	126	11.055	11.067	-0.012	98	108949	20.0	20.4	
104 4-Ethyltoluene	105	11.232	11.232	0.000	98	470653	20.0	21.3	
105 4-Chlorotoluene	91	11.268	11.274	-0.006	99	379473	20.0	20.1	
106 1,3,5-Trimethylbenzene	105	11.360	11.360	0.000	92	412103	20.0	20.7	
107 tert-Butylbenzene	119	11.902	11.908	-0.006	92	307698	20.0	19.4	
108 1,2,4-Trimethylbenzene	105	12.000	12.006	-0.006	98	422875	20.0	21.0	
109 sec-Butylbenzene	105	12.341	12.347	-0.006	99	536113	20.0	20.8	
110 1,3-Dichlorobenzene	146	12.426	12.439	-0.013	95	206440	20.0	20.7	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	262479	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.628	12.634	-0.006	93	205655	20.0	20.4	
113 4-Isopropyltoluene	119	12.689	12.695	-0.006	97	435146	20.0	20.4	
114 1,2,3-Trimethylbenzene	105	12.780	12.786	-0.006	99	413483	20.0	19.9	
115 Benzyl chloride	126	12.896	12.896	0.000	98	33656	20.0	21.0	
116 2,3-Dihydroindene	117	13.012	13.012	0.000	94	399923	20.0	20.9	
117 1,2-Dichlorobenzene	146	13.134	13.134	0.000	94	206511	20.0	19.4	
118 p-Diethylbenzene	119	13.213	13.213	0.000	92	240189	20.0	21.6	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	257623	20.0	20.2	
120 1,2-Dibromo-3-Chloropropane	157	13.883	13.883	0.000	82	20132	20.0	19.7	
121 1,2,4,5-Tetramethylbenzene	119	13.908	13.908	0.000	97	434794	20.0	21.2	
122 1,3,5-Trichlorobenzene	180	14.048	14.048	0.000	96	180080	20.0	20.9	
123 1,2,4-Trichlorobenzene	180	14.481	14.487	-0.006	93	155443	20.0	21.2	
124 Hexachlorobutadiene	225	14.615	14.621	-0.006	96	80032	20.0	18.9	
125 Naphthalene	128	14.627	14.633	-0.006	99	370132	20.0	21.5	
126 1,2,3-Trichlorobenzene	180	14.786	14.792	-0.006	95	148457	20.0	20.3	
S 127 1,2-Dichloroethene, Total	100				0		40.0	41.9	
S 128 1,3-Dichloropropene, Total	100				0		40.0	37.5	
S 129 Xylenes, Total	100				0		40.0	40.7	
S 130 Total BTEX	1				0		100.0	101.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 12:41:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628605.D

Injection Date: 28-Aug-2020 18:09:30 Instrument ID: CVOAMS2 Operator ID:

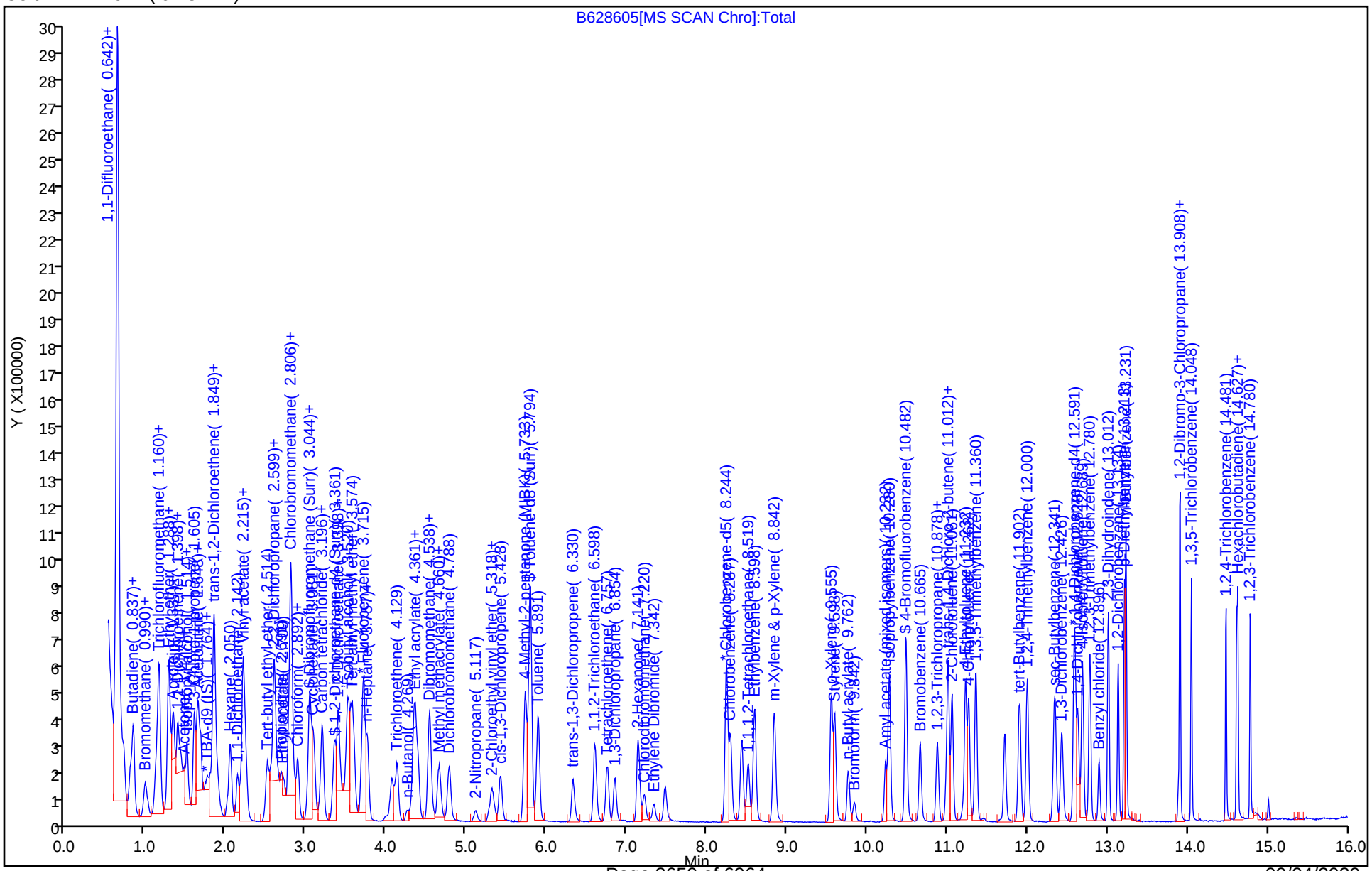
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

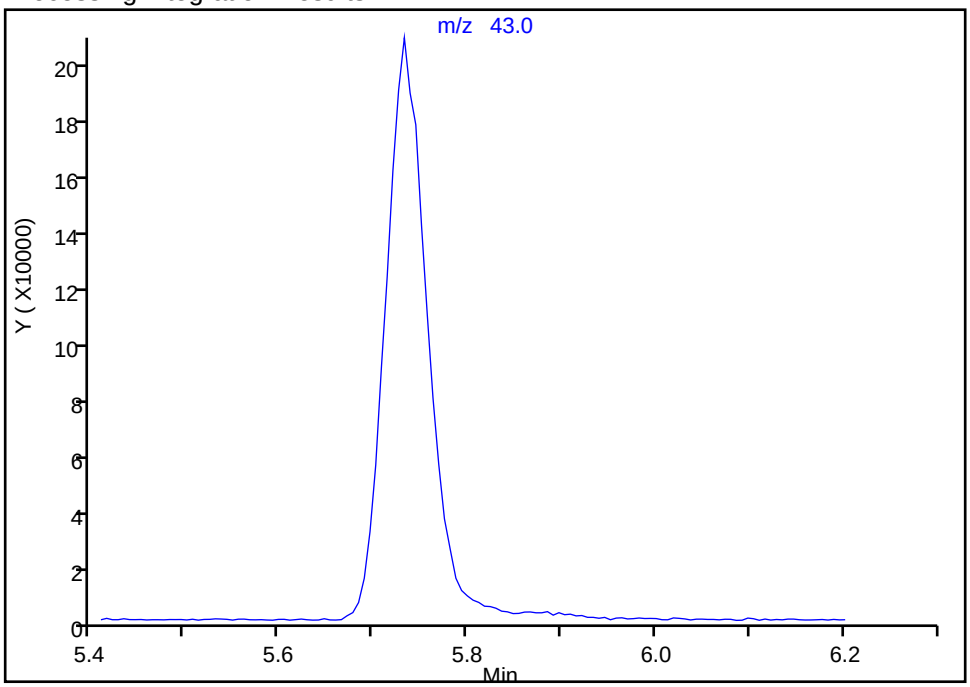
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628605.D
Injection Date: 28-Aug-2020 18:09:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

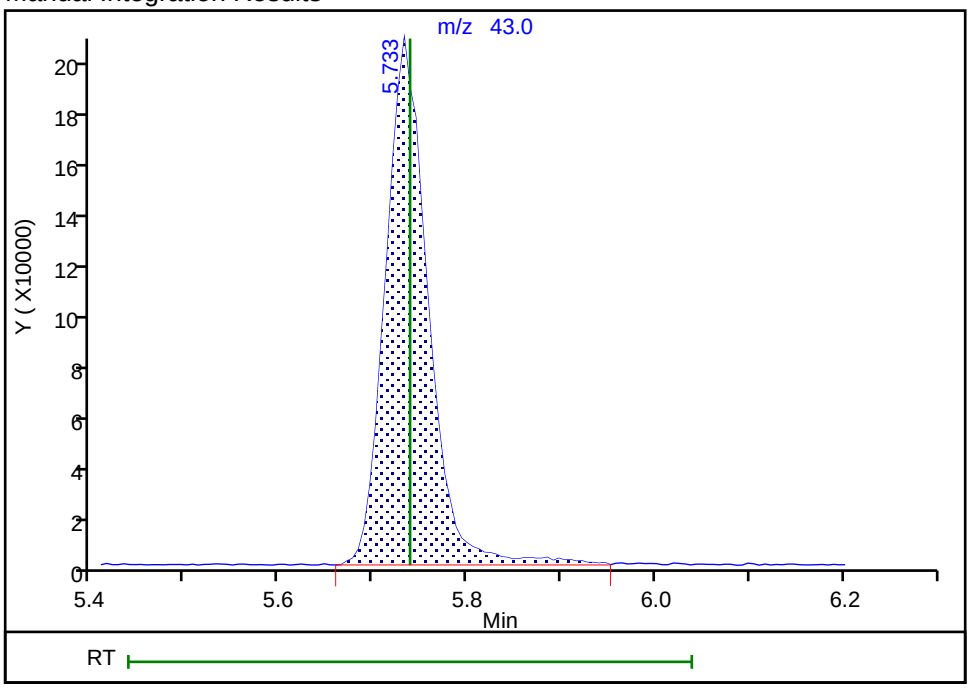
Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 636924
Amount: 97.788418
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 19:03:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

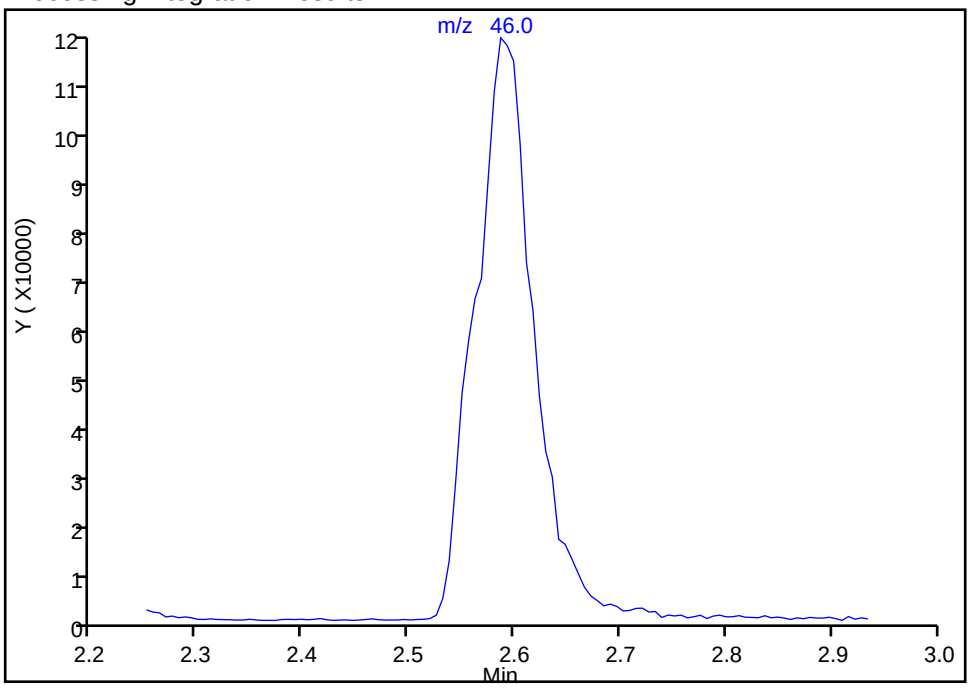
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628605.D
Injection Date: 28-Aug-2020 18:09:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

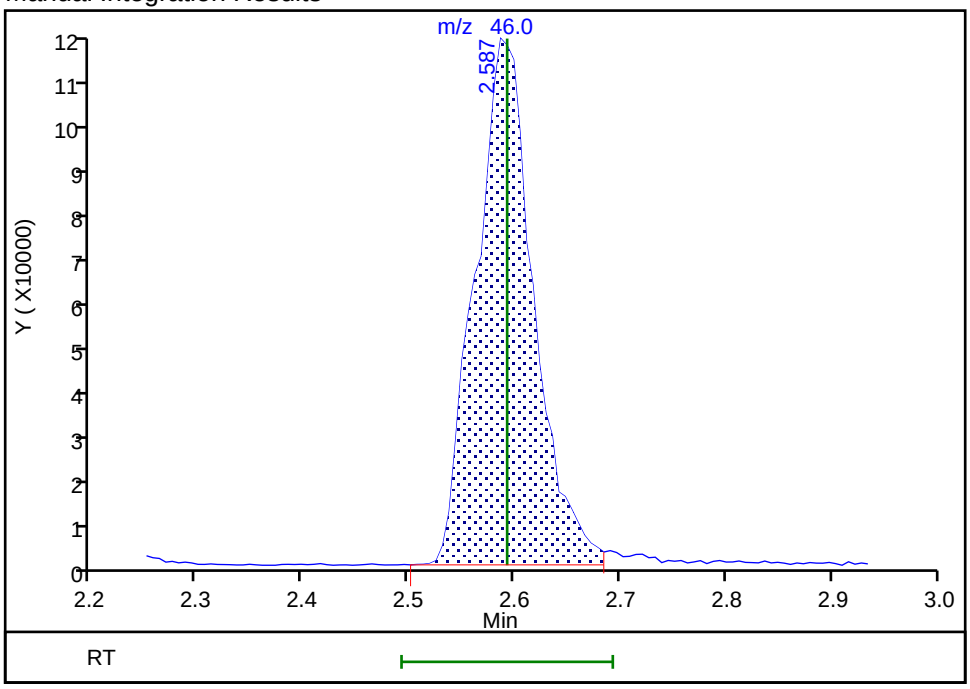
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 454748
Amount: 250.0000
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 19:02:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

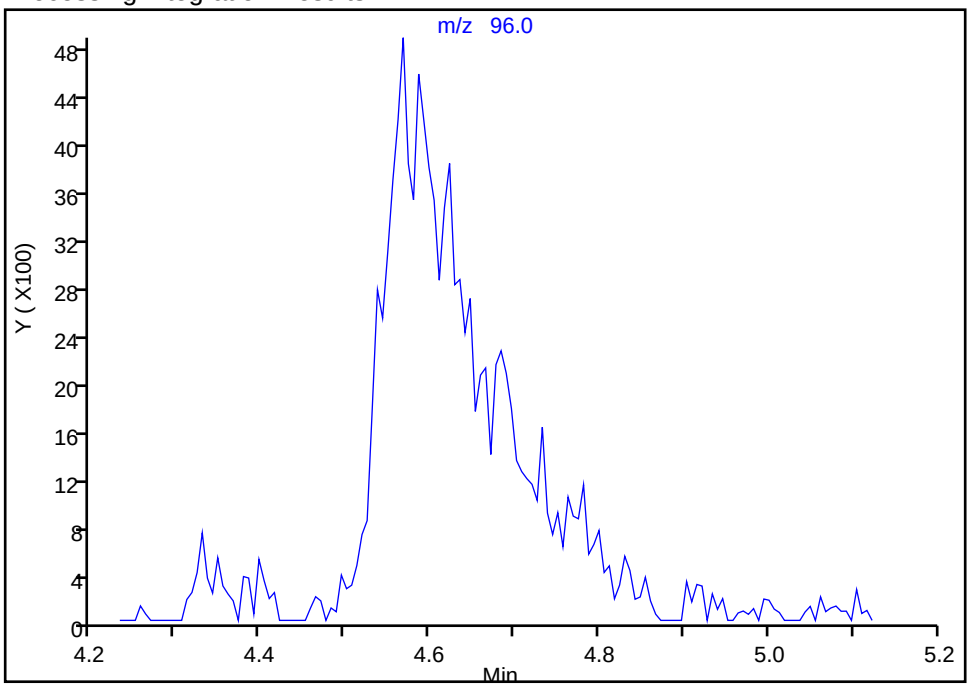
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200828-115927.b\B628605.D
Injection Date: 28-Aug-2020 18:09:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

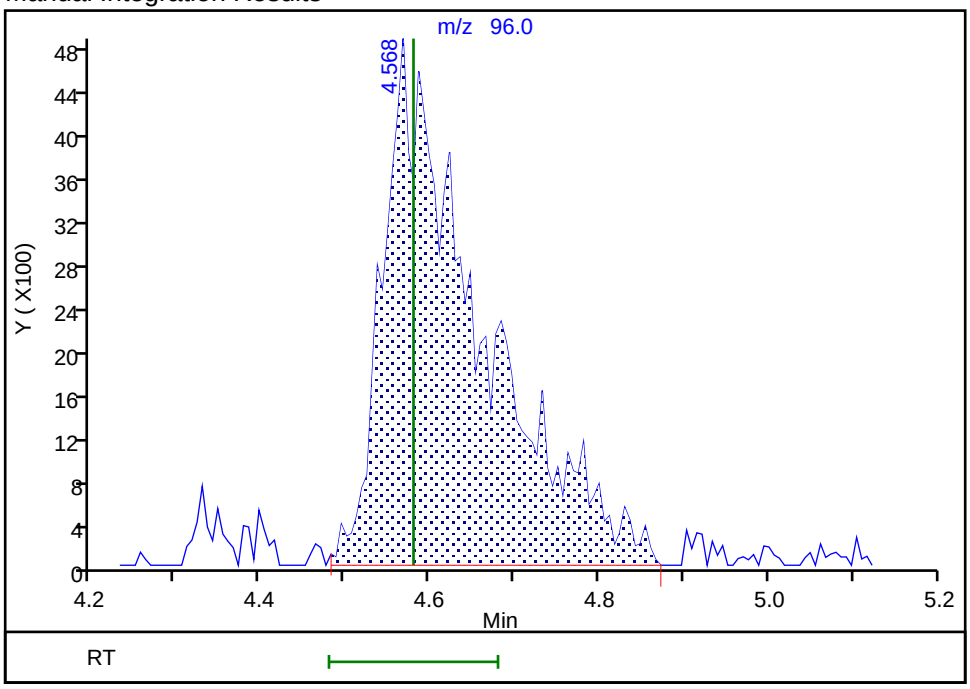
Not Detected
Expected RT: 4.58

Processing Integration Results



Manual Integration Results

RT: 4.57
Area: 38031
Amount: 1000.0000
Amount Units: ug/l



Reviewer: parekhv, 28-Aug-2020 19:03:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720465/4

Matrix: Solid Lab File ID: B62633.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 06:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0195		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0180		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0186		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0178		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0181		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0173		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0176		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0192		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0181		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0183		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0190		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0191		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0194		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0188		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0965		0.0050	0.0027
591-78-6	2-Hexanone	0.0969		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0930		0.0050	0.0016
67-64-1	Acetone	0.0769		0.0060	0.0057
71-43-2	Benzene	0.0187		0.0010	0.00026
75-25-2	Bromoform	0.0173		0.0010	0.00043
74-83-9	Bromomethane	0.0177		0.0010	0.00047
75-15-0	Carbon disulfide	0.0178		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0194		0.0010	0.00039
108-90-7	Chlorobenzene	0.0183		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0192		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0168		0.0010	0.00019
75-00-3	Chloroethane	0.0182		0.0010	0.00052
67-66-3	Chloroform	0.0191		0.0010	0.00032
74-87-3	Chloromethane	0.0173		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0199		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0173		0.0010	0.00027
110-82-7	Cyclohexane	0.0208		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0173		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0179		0.0010	0.00034
100-41-4	Ethylbenzene	0.0187		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720465/4

Matrix: Solid Lab File ID: B62633.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 06:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720465 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0176		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0192		0.0010	0.00013
79-20-9	Methyl acetate	0.0358		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0180		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0205		0.0010	0.00050
75-09-2	Methylene Chloride	0.0189		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0186		0.0010	0.00017
95-47-6	o-Xylene	0.0185		0.0010	0.00019
100-42-5	Styrene	0.0188		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0187		0.0010	0.00014
108-88-3	Toluene	0.0183		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0193		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0163		0.0010	0.00027
79-01-6	Trichloroethene	0.0192		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0179		0.0010	0.00041
75-01-4	Vinyl chloride	0.0185		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0371		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
460-00-4	4-Bromofluorobenzene	103		79-125
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62633.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 29-Aug-2020 06:00:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0115948-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\8260S_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 10:12:17 Calib Date: 18-Aug-2020 12:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20200818-115309.b\B62319.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: parekhv Date: 29-Aug-2020 15:27:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.654	0.636	0.018	27	9178	20.0	19.1	
2 1,1-Difluoroethane	51	0.691	0.685	0.006	92	142835	20.0	24.7	
3 Dichlorodifluoromethane	85	0.721	0.709	0.012	73	157584	20.0	17.9	
4 Chlorodifluoromethane	51	0.727	0.715	0.012	96	187974	20.0	19.1	
5 Chloromethane	50	0.801	0.794	0.007	99	260560	20.0	17.3	
6 Butadiene	54	0.837	0.831	0.006	95	177117	20.0	17.7	
7 Vinyl chloride	62	0.849	0.837	0.012	98	187982	20.0	18.5	
8 Bromomethane	94	0.990	0.977	0.013	98	117538	20.0	17.7	
9 Chloroethane	64	1.008	1.008	0.000	99	101925	20.0	18.2	
10 Dichlorofluoromethane	67	1.124	1.111	0.013	89	240745	20.0	17.5	
11 Trichlorofluoromethane	101	1.160	1.142	0.018	47	175984	20.0	17.9	a
12 Pentane	72	1.166	1.160	0.006	96	39696	40.0	30.4	
14 Ethanol	46	1.276	1.264	0.012	41	27906	800.0	762.3	
13 Ethyl ether	59	1.276	1.270	0.006	72	81876	20.0	14.7	
15 2-Methyl-1,3-butadiene	53	1.282	1.276	0.006	93	119588	20.0	15.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.301	1.294	0.007	75	101736	20.0	18.7	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.337	1.325	0.012	58	174406	20.0	17.8	a
18 Acrolein	56	1.343	1.331	0.012	94	201548	300.0	244.4	
19 1,1-Dichloroethene	96	1.398	1.386	0.012	96	97154	20.0	17.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.429	1.410	0.019	72	113922	20.0	18.6	
21 Acetone	43	1.435	1.422	0.013	85	155523	100.0	76.9	
22 Iodomethane	142	1.477	1.465	0.012	96	178929	20.0	19.4	
23 Carbon disulfide	76	1.514	1.502	0.012	100	367930	20.0	17.8	
24 Isopropyl alcohol	45	1.557	1.538	0.019	96	101460	200.0	186.1	
25 3-Chloro-1-propene	39	1.605	1.593	0.012	93	156051	20.0	15.6	
26 Methyl acetate	43	1.636	1.617	0.019	99	140656	40.0	35.8	
27 Acetonitrile	39	1.648	1.636	0.012	34	81276	200.0	165.3	a
28 Methylene Chloride	84	1.685	1.672	0.013	99	112069	20.0	18.9	
* 29 TBA-d9 (IS)	65	1.758	1.758	0.000	0	492096	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.807	1.812	-0.005	91	148037	200.0	182.3	
31 Acrylonitrile	53	1.843	1.831	0.012	95	373360	200.0	170.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.855	1.843	0.012	98	104028	20.0	19.3	
33 Methyl tert-butyl ether	73	1.874	1.867	0.007	98	260922	20.0	18.0	
34 Hexane	57	2.044	2.044	0.000	94	185349	20.0	18.2	
35 1,1-Dichloroethane	63	2.142	2.136	0.006	99	200086	20.0	18.1	
36 2-Chloro-1,3-butadiene	88	2.215	2.203	0.012	65	92989	20.0	19.4	
37 Vinyl acetate	86	2.215	2.203	0.012	100	30835	40.0	36.8	
38 Isopropyl ether	45	2.233	2.221	0.012	93	423530	20.0	18.6	
39 Tert-butyl ethyl ether	87	2.514	2.507	0.007	87	113658	20.0	19.8	M
* 40 2-Butanone-d5	46	2.587	2.574	0.013	0	422869	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.605	2.593	0.012	91	111422	20.0	19.9	
42 2,2-Dichloropropane	79	2.605	2.599	0.006	63	47561	20.0	19.6	
43 2-Butanone (MEK)	72	2.636	2.623	0.013	99	54302	100.0	96.5	
44 Propionitrile	54	2.684	2.672	0.012	96	153540	200.0	211.9	
45 Ethyl acetate	70	2.715	2.709	0.006	99	15764	40.0	37.8	Ma
46 Chlorobromomethane	128	2.806	2.794	0.012	50	48723	20.0	19.2	
47 Methacrylonitrile	67	2.812	2.800	0.012	95	375112	200.0	198.5	
48 Tetrahydrofuran	72	2.867	2.855	0.012	79	23957	40.0	44.9	
49 Chloroform	83	2.898	2.885	0.013	98	169250	20.0	19.1	
$ 51 Dibromofluoromethane (Surr)	113	3.038	3.032	0.006	96	222809	50.0	52.4	
50 1,1,1-Trichloroethane	97	3.038	3.038	0.000	73	144605	20.0	19.5	
52 Cyclohexane	84	3.093	3.080	0.013	96	170829	20.0	20.8	
53 Carbon tetrachloride	117	3.197	3.190	0.007	76	114596	20.0	19.4	
54 1,1-Dichloropropene	75	3.203	3.190	0.013	92	146767	20.0	20.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.349	3.343	0.006	0	261577	50.0	50.8	
56 Benzene	78	3.398	3.391	0.007	97	415730	20.0	18.7	
57 1,2-Dichloroethane	62	3.428	3.422	0.006	96	126177	20.0	19.0	
58 Isobutyl alcohol	42	3.489	3.477	0.012	31	103222	500.0	571.0	a
59 Tert-amyl methyl ether	73	3.574	3.562	0.012	90	346429	20.0	19.9	
* 60 Fluorobenzene	96	3.709	3.702	0.007	98	644361	50.0	50.0	
61 n-Heptane	43	3.757	3.751	0.006	98	229752	20.0	20.8	
62 Trichloroethene	95	4.129	4.129	0.000	97	94009	20.0	19.2	
63 n-Butanol	43	4.269	4.251	0.018	5	29376	500.0	438.4	Ma
64 Methylcyclohexane	83	4.349	4.342	0.007	88	203096	20.0	20.5	
65 Ethyl acrylate	55	4.355	4.355	0.000	93	287719	20.0	19.2	
66 1,2-Dichloropropane	63	4.398	4.385	0.013	92	111683	20.0	19.1	
67 Dibromomethane	93	4.532	4.531	0.001	37	49472	20.0	18.0	
* 68 1,4-Dioxane-d8	96	4.586	4.580	0.006	0	36569	1000.0	1000.0	a
69 1,4-Dioxane	88	4.641	4.629	0.012	87	25382	400.0	461.4	
70 Methyl methacrylate	100	4.654	4.653	0.001	90	38093	40.0	40.9	
71 Dichlorobromomethane	83	4.794	4.781	0.013	99	106354	20.0	17.3	
72 2-Nitropropane	41	5.111	5.104	0.007	98	33718	40.0	29.8	
73 2-Chloroethyl vinyl ether	63	5.288	5.275	0.013	86	21955	20.0	12.9	
74 Epichlorohydrin	57	5.318	5.324	-0.006	99	165104	400.0	363.9	
75 cis-1,3-Dichloropropene	75	5.422	5.415	0.007	97	134812	20.0	17.3	
76 4-Methyl-2-pentanone (MIBK)	43	5.733	5.732	0.001	97	563067	100.0	93.0	a
$ 77 Toluene-d8 (Surr)	98	5.800	5.793	0.007	97	879789	50.0	49.2	
78 Toluene	91	5.891	5.891	0.000	92	391978	20.0	18.3	
79 trans-1,3-Dichloropropene	75	6.330	6.330	0.000	97	102626	20.0	16.3	
80 1,1,2-Trichloroethane	83	6.598	6.592	0.006	91	61274	20.0	17.8	
81 Tetrachloroethene	166	6.757	6.763	-0.006	94	88744	20.0	18.7	
82 1,3-Dichloropropane	76	6.860	6.854	0.006	98	121423	20.0	17.7	
83 2-Hexanone	43	7.141	7.135	0.006	99	346085	100.0	96.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Chlorodibromomethane	129	7.226	7.220	0.006	98	62567	20.0	16.8	
85 Ethylene Dibromide	107	7.342	7.336	0.006	98	61316	20.0	17.6	
* 86 Chlorobenzene-d5	117	8.244	8.238	0.006	89	480040	50.0	50.0	
87 Chlorobenzene	112	8.299	8.293	0.006	92	224930	20.0	18.3	
88 1,1,1,2-Tetrachloroethane	131	8.513	8.518	-0.005	95	77279	20.0	17.3	
89 Ethylbenzene	106	8.598	8.598	0.000	99	133001	20.0	18.7	
90 m-Xylene & p-Xylene	106	8.842	8.842	0.000	98	162301	20.0	18.6	
92 o-Xylene	106	9.555	9.555	0.000	93	166575	20.0	18.5	
93 Styrene	104	9.598	9.598	0.000	96	252593	20.0	18.8	
91 n-Butyl acrylate	73	9.768	9.762	0.006	0	59497	20.0	18.9	
94 Bromoform	173	9.854	9.841	0.013	93	37200	20.0	17.3	
95 Amyl acetate (mixed isomers)	43	10.232	10.232	0.000	88	179817	20.0	18.6	
96 Isopropylbenzene	105	10.281	10.280	0.000	96	451807	20.0	19.2	
$ 97 4-Bromofluorobenzene	174	10.488	10.488	0.000	87	241760	50.0	51.4	
98 Bromobenzene	156	10.665	10.664	0.001	95	94847	20.0	18.5	
99 1,2,3-Trichloropropane	110	10.872	10.878	-0.006	87	25718	20.0	17.7	
100 1,1,2,2-Tetrachloroethane	83	10.884	10.878	0.006	96	105510	20.0	18.0	
101 trans-1,4-Dichloro-2-butene	53	10.988	10.987	0.001	80	32204	20.0	19.3	
102 N-Propylbenzene	120	11.012	11.012	0.000	99	120611	20.0	19.5	
103 2-Chlorotoluene	126	11.067	11.061	0.006	98	101762	20.0	19.2	
104 4-Ethyltoluene	105	11.232	11.231	0.001	98	423954	20.0	19.3	
105 4-Chlorotoluene	91	11.268	11.268	0.000	97	355588	20.0	18.9	
106 1,3,5-Trimethylbenzene	105	11.360	11.359	0.001	92	372873	20.0	18.8	
107 tert-Butylbenzene	119	11.902	11.908	-0.006	92	283791	20.0	18.0	
108 1,2,4-Trimethylbenzene	105	12.000	11.999	0.001	98	376477	20.0	18.8	
109 sec-Butylbenzene	105	12.341	12.347	-0.006	98	487630	20.0	19.0	
110 1,3-Dichlorobenzene	146	12.433	12.432	0.001	94	192931	20.0	19.4	
* 111 1,4-Dichlorobenzene-d4	152	12.591	12.591	0.000	97	261292	50.0	50.0	
112 1,4-Dichlorobenzene	146	12.628	12.634	-0.006	94	188609	20.0	18.8	
113 4-Isopropyltoluene	119	12.689	12.688	0.001	97	397543	20.0	18.8	
114 1,2,3-Trimethylbenzene	105	12.780	12.780	0.000	99	387265	20.0	18.7	
115 Benzyl chloride	126	12.902	12.896	0.006	97	28864	20.0	18.1	
116 2,3-Dihydroindene	117	13.012	13.011	0.001	94	366692	20.0	19.7	
117 1,2-Dichlorobenzene	146	13.134	13.140	-0.006	93	194114	20.0	18.3	
118 p-Diethylbenzene	119	13.213	13.213	0.000	93	219001	20.0	19.8	
119 n-Butylbenzene	92	13.231	13.231	0.000	98	239146	20.0	18.8	
120 1,2-Dibromo-3-Chloropropane	157	13.883	13.889	-0.006	91	18480	20.0	18.1	
121 1,2,4,5-Tetramethylbenzene	119	13.902	13.902	0.000	97	377618	20.0	18.5	
122 1,3,5-Trichlorobenzene	180	14.048	14.048	0.000	96	161032	20.0	18.8	
123 1,2,4-Trichlorobenzene	180	14.475	14.481	-0.006	93	140259	20.0	19.2	
124 Hexachlorobutadiene	225	14.609	14.615	-0.006	93	72006	20.0	17.1	
125 Naphthalene	128	14.621	14.627	-0.006	99	330619	20.0	19.3	
126 1,2,3-Trichlorobenzene	180	14.780	14.786	-0.006	93	128284	20.0	17.6	
S 127 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 128 1,3-Dichloropropene, Total	100				0		40.0	33.6	
S 129 Xylenes, Total	100				0		40.0	37.1	
S 130 Total BTEX	1				0		100.0	92.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00123	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
524freon_00026	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 10:12:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62633.D

Injection Date: 29-Aug-2020 06:00:30 Instrument ID: CVOAMS2 Operator ID:

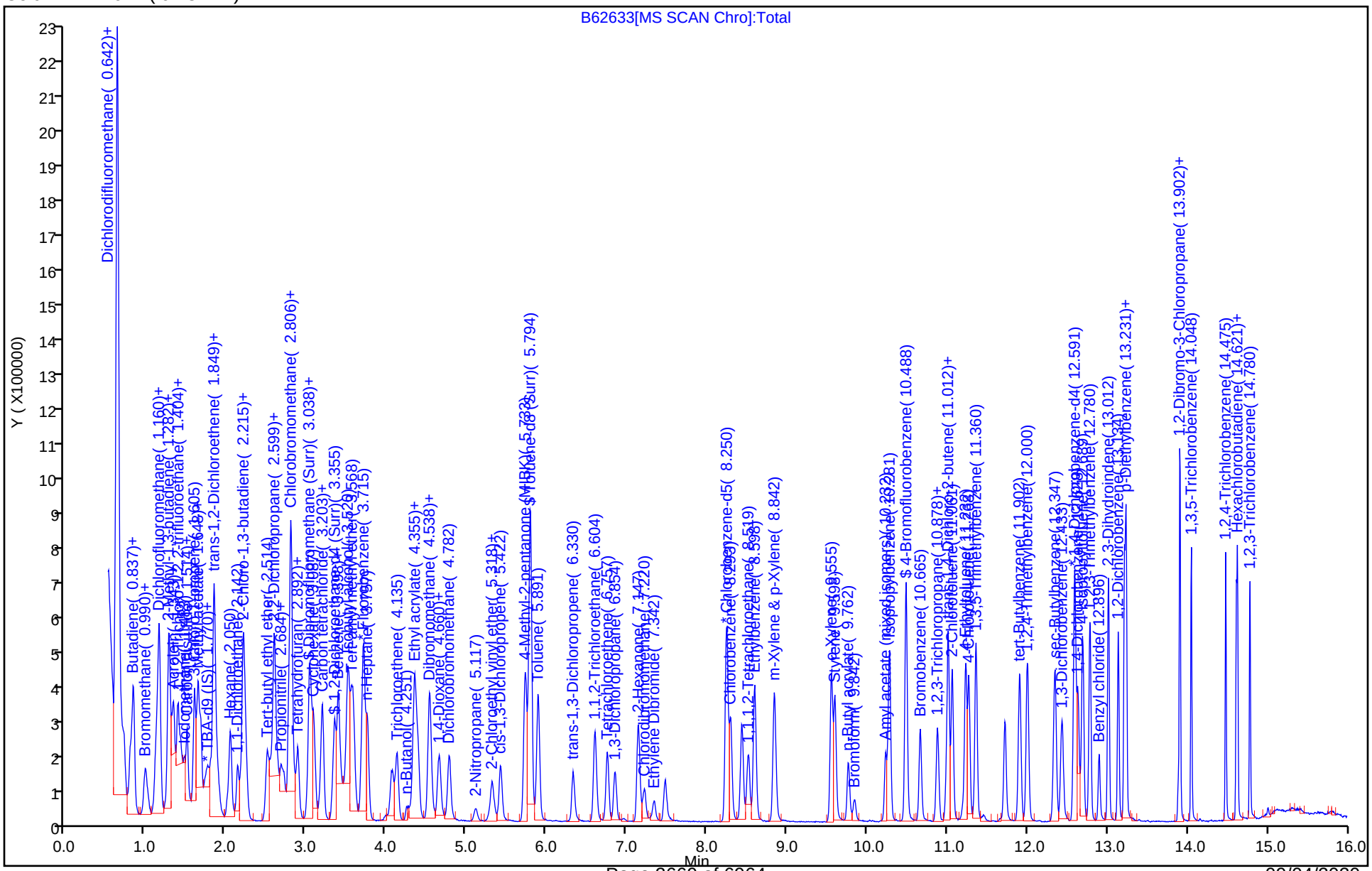
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

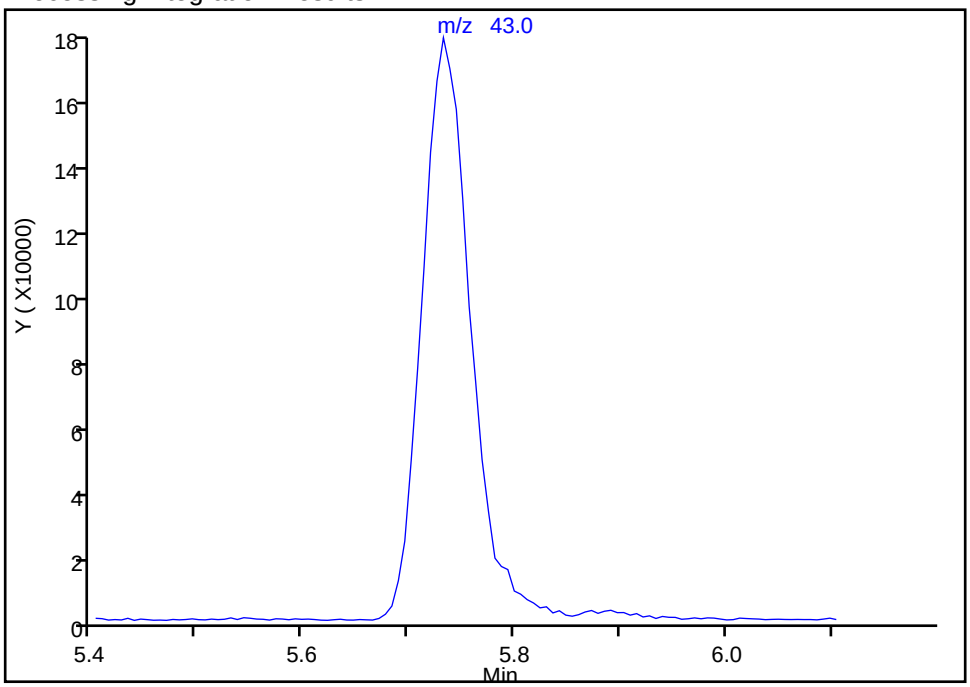
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62633.D
Injection Date: 29-Aug-2020 06:00:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

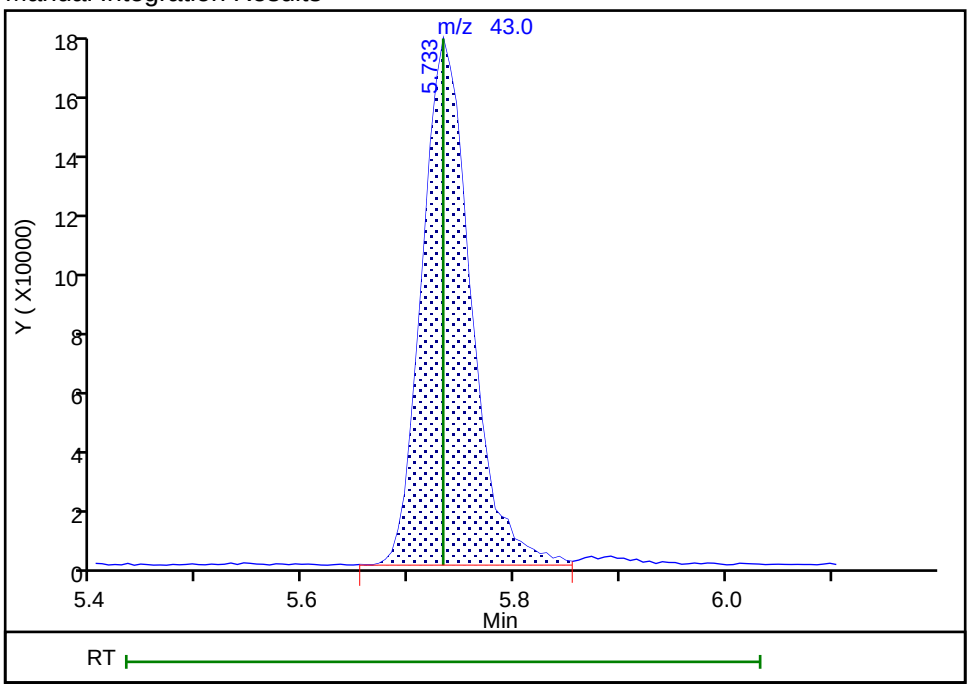
Not Detected
Expected RT: 5.73

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 563067
Amount: 92.966146
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 06:21:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

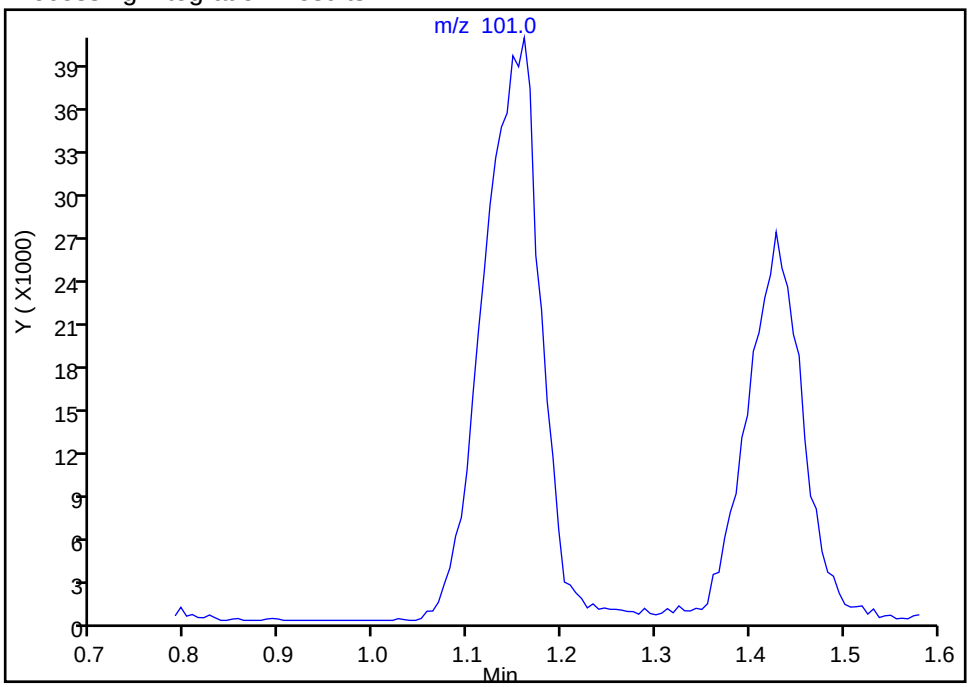
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62633.D
Injection Date: 29-Aug-2020 06:00:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

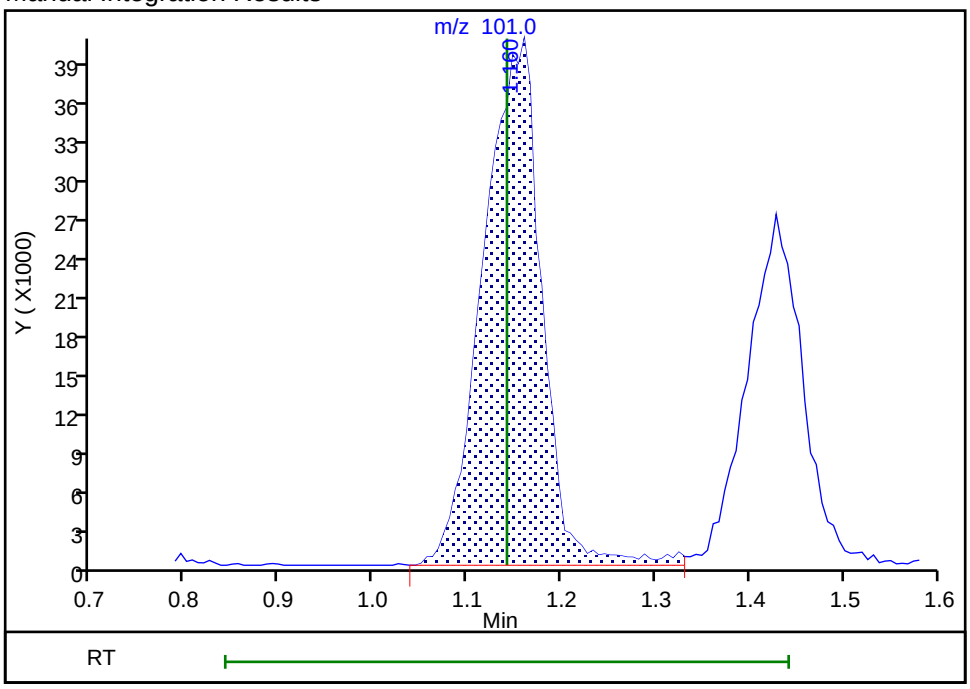
Not Detected
Expected RT: 1.14

Processing Integration Results



Manual Integration Results

RT: 1.16
Area: 175984
Amount: 17.879993
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 06:19:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

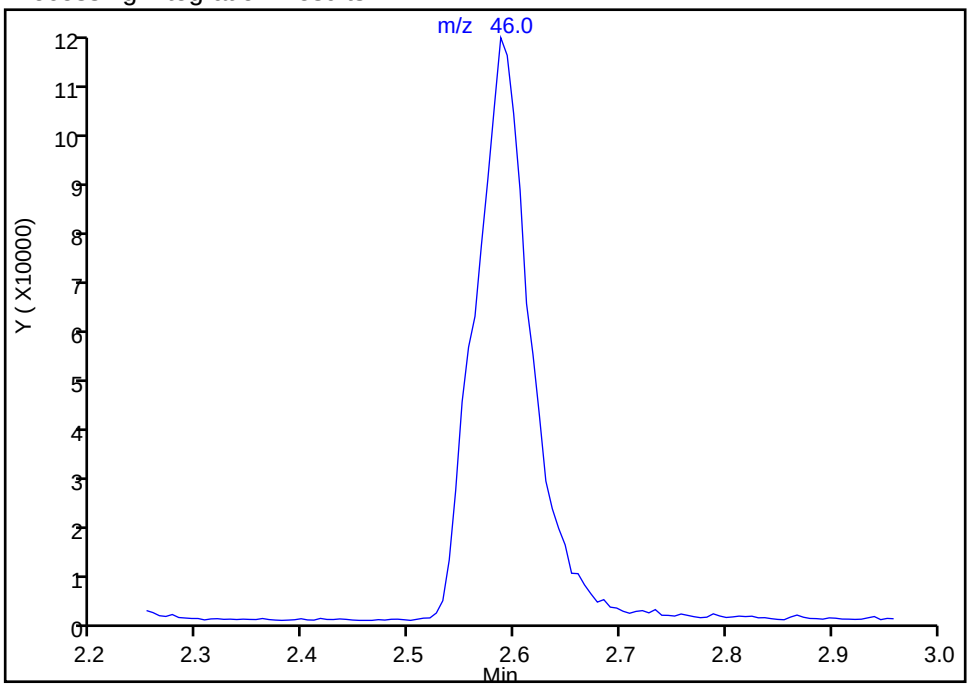
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62633.D
Injection Date: 29-Aug-2020 06:00:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

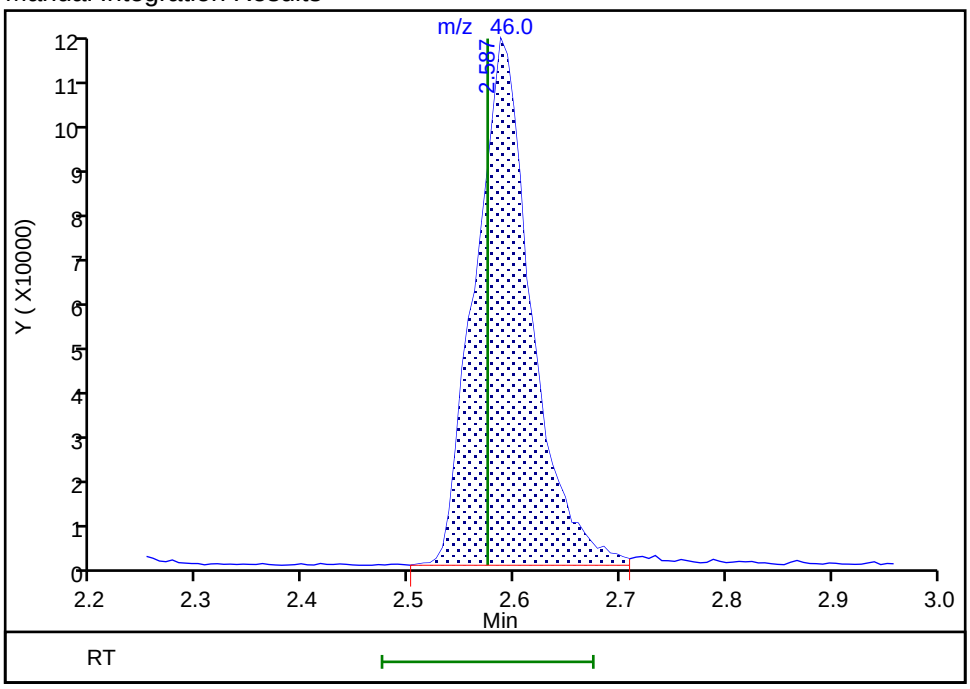
Not Detected
Expected RT: 2.57

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 422869
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 29-Aug-2020 06:19:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

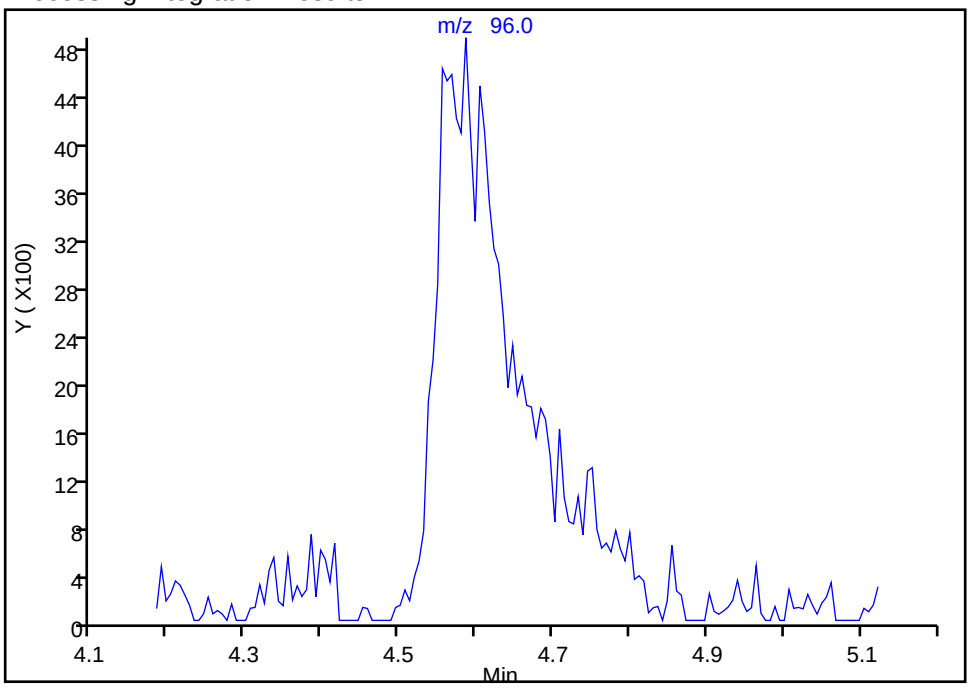
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20200829-115948.b\B62633.D
Injection Date: 29-Aug-2020 06:00:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

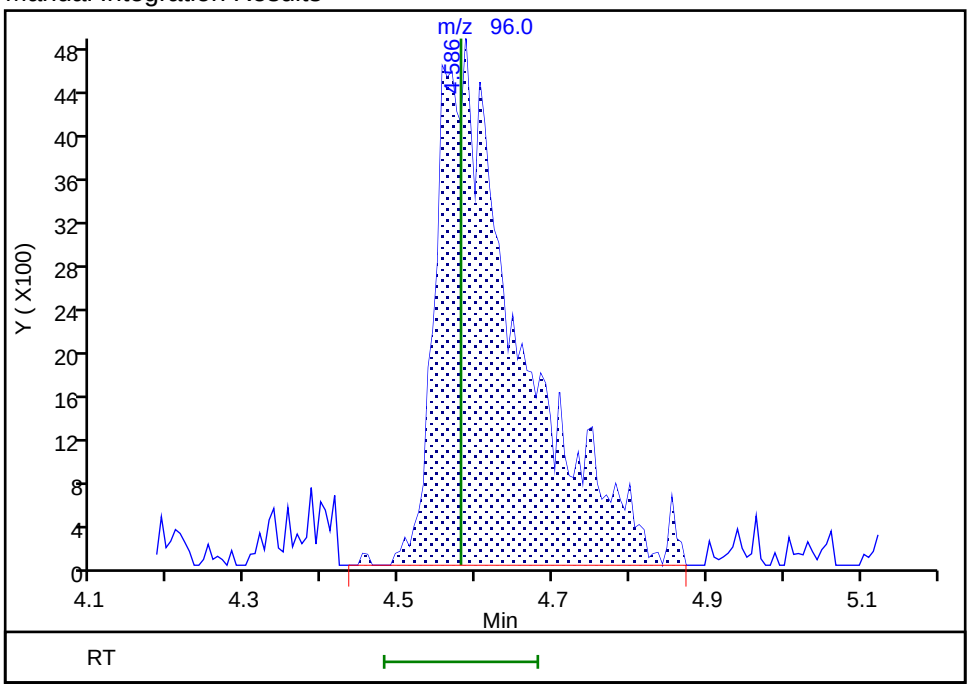
Not Detected
Expected RT: 4.58

Processing Integration Results



RT: 4.59
Area: 36569
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: tupayachia, 29-Aug-2020 06:19:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720508/4

Matrix: Solid Lab File ID: K18575.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 10:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0212		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0174		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0242		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0181		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0198		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0217		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0200		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0209		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0185		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0193		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0179		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0184		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0195		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0196		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0866		0.0050	0.0027
591-78-6	2-Hexanone	0.0900		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0919		0.0050	0.0016
67-64-1	Acetone	0.0917		0.0060	0.0057
71-43-2	Benzene	0.0200		0.0010	0.00026
75-25-2	Bromoform	0.0164		0.0010	0.00043
74-83-9	Bromomethane	0.0205		0.0010	0.00047
75-15-0	Carbon disulfide	0.0208		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0214		0.0010	0.00039
108-90-7	Chlorobenzene	0.0190		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0190		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0164		0.0010	0.00019
75-00-3	Chloroethane	0.0218		0.0010	0.00052
67-66-3	Chloroform	0.0197		0.0010	0.00032
74-87-3	Chloromethane	0.0227		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0193		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0178		0.0010	0.00027
110-82-7	Cyclohexane	0.0240		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0174		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0237		0.0010	0.00034
100-41-4	Ethylbenzene	0.0200		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720508/4

Matrix: Solid Lab File ID: K18575.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/29/2020 10:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720508 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0184		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0214		0.0010	0.00013
79-20-9	Methyl acetate	0.0327		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0184		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0241		0.0010	0.00050
75-09-2	Methylene Chloride	0.0169		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0199		0.0010	0.00017
95-47-6	o-Xylene	0.0199		0.0010	0.00019
100-42-5	Styrene	0.0196		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0212		0.0010	0.00014
108-88-3	Toluene	0.0197		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0211		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0176		0.0010	0.00027
79-01-6	Trichloroethene	0.0201		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0236		0.0010	0.00041
75-01-4	Vinyl chloride	0.0232		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0398		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-145
460-00-4	4-Bromofluorobenzene	97		79-125
1868-53-7	Dibromofluoromethane (Surr)	97		48-150
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18575.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 29-Aug-2020 10:41:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0115966-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 11:51:55 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: starzecm Date: 29-Aug-2020 11:59:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.145	1.145	0.000	75	120369	20.0	23.7	
6 Chloromethane	50	1.254	1.259	-0.005	98	162238	20.0	22.7	
7 Butadiene	54	1.292	1.292	0.000	94	105119	20.0	23.7	
8 Vinyl chloride	62	1.320	1.325	-0.005	98	113911	20.0	23.2	
9 Bromomethane	94	1.494	1.505	-0.011	99	69375	20.0	20.5	
10 Chloroethane	64	1.527	1.532	-0.005	100	55229	20.0	21.8	
11 Dichlorofluoromethane	67	1.674	1.679	-0.005	98	135586	20.0	21.6	
13 Pentane	72	1.712	1.728	-0.016	98	22982	40.0	38.6	
12 Trichlorofluoromethane	101	1.729	1.734	-0.005	97	111903	20.0	23.6	
15 Ethyl ether	59	1.838	1.854	-0.016	95	46460	20.0	18.1	
16 2-Methyl-1,3-butadiene	53	1.871	1.870	0.001	90	77780	20.0	25.6	
19 Acrolein	56	1.936	1.947	-0.011	97	132627	300.0	243.1	
14 Ethanol	46	1.887	1.947	-0.060	66	20074	800.0	696.6	a
21 1,1-Dichloroethene	96	2.018	2.018	0.000	96	64689	20.0	21.7	
20 112TCTFE	101	2.051	2.050	0.001	79	73142	20.0	24.2	
22 Acetone	43	2.040	2.061	-0.021	87	115866	100.0	91.7	
23 Iodomethane	142	2.127	2.132	-0.005	98	121988	20.0	19.1	
24 Isopropyl alcohol	45	2.165	2.176	-0.011	92	69094	200.0	146.9	
25 Carbon disulfide	76	2.171	2.176	-0.005	99	275928	20.0	20.8	Ma
26 3-Chloro-1-propene	39	2.247	2.252	-0.005	86	100712	20.0	21.2	a
27 Methyl acetate	43	2.258	2.274	-0.016	100	106072	40.0	32.7	
29 Acetonitrile	41	2.302	2.290	0.012	71	44356	200.0	116.1	M
28 Cyclopentene	67	2.313	2.318	-0.005	92	191378	20.0	22.2	
31 Methylene Chloride	84	2.340	2.345	-0.005	96	75940	20.0	16.9	
* 30 TBA-d9 (IS)	65	2.405	2.421	-0.016	98	435079	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.460	2.481	-0.021	91	100258	200.0	156.0	a
35 Acrylonitrile	53	2.509	2.520	-0.011	94	266260	200.0	196.5	
34 trans-1,2-Dichloroethene	96	2.536	2.541	-0.005	98	71311	20.0	21.1	
33 Methyl tert-butyl ether	73	2.558	2.563	-0.005	97	166242	20.0	18.4	
36 Hexane	43	2.738	2.749	-0.011	93	71564	20.0	23.1	
38 1,1-Dichloroethane	63	2.853	2.858	-0.005	99	130849	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.896	2.902	-0.006	100	20065	40.0	21.1	
37 Isopropyl ether	45	2.935	2.929	0.006	92	227342	20.0	18.8	
40 2-Chloro-1,3-butadiene	88	2.924	2.934	-0.010	92	67824	20.0	21.9	
41 Tert-butyl ethyl ether	59	3.224	3.224	0.000	89	219063	20.0	20.3	
* 42 2-Butanone-d5	46	3.295	3.311	-0.016	98	297018	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.327	3.338	-0.011	94	77589	20.0	19.3	
43 2,2-Dichloropropane	79	3.344	3.344	0.000	67	34844	20.0	21.1	
46 2-Butanone (MEK)	72	3.344	3.354	-0.010	99	38261	100.0	86.6	a
48 Propionitrile	54	3.398	3.409	-0.011	97	110233	200.0	158.6	a
45 Ethyl acetate	70	3.398	3.415	-0.016	99	12702	40.0	33.2	M
47 Methyl acrylate	55	3.426	3.442	-0.016	98	73204	20.0	21.3	a
51 Methacrylonitrile	67	3.524	3.535	-0.011	93	266038	200.0	197.0	
50 Chlorobromomethane	128	3.540	3.540	0.000	93	36593	20.0	19.0	
49 Tetrahydrofuran	72	3.589	3.600	-0.011	89	17538	40.0	35.8	
52 Chloroform	83	3.611	3.616	-0.005	98	123551	20.0	19.7	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.758	-0.005	96	165681	50.0	48.6	
54 1,1,1-Trichloroethane	97	3.791	3.791	0.000	99	106579	20.0	21.2	
53 Cyclohexane	84	3.840	3.846	-0.006	93	121114	20.0	24.0	
57 1,1-Dichloropropene	75	3.928	3.938	-0.010	96	97914	20.0	21.1	
56 Carbon tetrachloride	117	3.944	3.949	-0.005	97	91730	20.0	21.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.075	-0.011	0	168752	50.0	48.0	
58 Isobutyl alcohol	74	4.119	4.129	-0.010	98	24389	500.0	319.7	a
60 Benzene	78	4.119	4.135	-0.016	95	272479	20.0	20.0	
64 1,2-Dichloroethane	62	4.140	4.151	-0.011	96	79644	20.0	17.9	
59 Isooctane	57	4.217	4.222	-0.005	96	333622	20.0	25.4	
62 Isopropyl acetate	43	4.228	4.238	-0.010	95	261174	20.0	20.1	a
63 Tert-amyl methyl ether	87	4.244	4.260	-0.016	95	53842	20.0	18.6	a
* 66 Fluorobenzene	96	4.402	4.413	-0.011	98	501254	50.0	50.0	
65 n-Heptane	57	4.413	4.418	-0.005	96	78205	20.0	12.4	
68 n-Butanol	56	4.773	4.751	0.022	92	52906	500.0	315.6	a
69 Trichloroethene	95	4.790	4.795	-0.005	99	64360	20.0	20.1	
70 Ethyl acrylate	56	4.926	4.920	0.006	99	8332	20.0	16.8	
71 Methylcyclohexane	83	5.008	5.008	0.000	95	143542	20.0	24.1	
72 1,2-Dichloropropane	63	5.030	5.035	-0.005	95	63294	20.0	18.4	
77 Dibromomethane	93	5.155	5.161	-0.006	97	35993	20.0	17.9	
74 Methyl methacrylate	69	5.188	5.182	0.006	94	64199	40.0	35.4	
75 1,4-Dioxane	88	5.210	5.199	0.011	87	18377	400.0	359.7	a
* 73 1,4-Dioxane-d8	96	5.166	5.210	-0.044	89	37238	1000.0	1000.0	
76 n-Propyl acetate	43	5.264	5.270	-0.006	99	72749	20.0	17.4	
78 Dichlorobromomethane	83	5.346	5.357	-0.011	99	73085	20.0	17.4	
79 2-Nitropropane	41	5.619	5.613	0.006	98	22785	40.0	30.9	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	11299	20.0	20.6	
80 Epichlorohydrin	57	5.783	5.777	0.006	100	111008	400.0	356.7	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	79342	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.115	-0.005	97	316195	100.0	91.9	
$ 83 Toluene-d8 (Surr)	98	6.214	6.219	-0.005	99	520322	50.0	48.6	
84 Toluene	91	6.296	6.301	-0.005	93	236569	20.0	19.7	
85 trans-1,3-Dichloropropene	75	6.607	6.606	0.001	98	63717	20.0	17.6	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	60516	20.0	18.1	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	96	35918	20.0	18.1	
88 Tetrachloroethene	166	7.016	7.021	-0.005	98	59011	20.0	21.2	
89 1,3-Dichloropropane	76	7.060	7.065	-0.005	95	67755	20.0	18.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.229	7.234	-0.005	97	178464	100.0	90.0	
92 Chlorodibromomethane	129	7.365	7.370	-0.005	98	44240	20.0	16.4	
91 n-Butyl acetate	43	7.458	7.452	0.006	99	79378	20.0	18.4	
93 Ethylene Dibromide	107	7.496	7.496	0.000	99	41556	20.0	18.4	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	339273	50.0	50.0	
95 Chlorobenzene	112	8.233	8.232	0.001	94	137774	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	94	59906	20.0	18.2	
96 Ethylbenzene	106	8.435	8.434	0.001	98	80408	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	100068	20.0	19.9	
100 o-Xylene	106	9.220	9.220	0.000	93	106761	20.0	19.9	
101 Styrene	104	9.242	9.247	-0.005	95	152373	20.0	19.6	
99 n-Butyl acrylate	73	9.286	9.286	0.000	96	39612	20.0	18.9	
103 Bromoform	173	9.482	9.487	-0.005	97	30036	20.0	16.4	
102 Amyl acetate (mixed isomers)	43	9.679	9.678	0.001	90	93946	20.0	17.3	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	295923	20.0	21.4	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	155474	50.0	48.5	
106 Bromobenzene	156	10.235	10.235	0.000	98	60767	20.0	17.9	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	99	67758	20.0	17.4	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	17133	20.0	18.0	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.437	0.000	88	15429	20.0	18.0	
108 N-Propylbenzene	91	10.503	10.502	0.001	99	346304	20.0	20.7	
111 2-Chlorotoluene	91	10.584	10.590	-0.006	97	197384	20.0	19.3	
112 4-Ethyltoluene	105	10.699	10.704	-0.005	99	272962	20.0	20.8	
114 4-Chlorotoluene	91	10.775	10.775	0.000	96	189149	20.0	19.2	M
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	93	244878	20.0	19.4	
115 Butyl Methacrylate	87	11.081	11.086	-0.005	92	69879	20.0	17.5	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	189136	20.0	15.3	
117 1,2,4-Trimethylbenzene	105	11.397	11.397	0.000	98	251604	20.0	19.5	
118 sec-Butylbenzene	105	11.637	11.643	-0.006	99	330577	20.0	20.9	
120 1,3-Dichlorobenzene	146	11.730	11.730	0.000	96	123804	20.0	19.5	
* 121 1,4-Dichlorobenzene-d4	152	11.828	11.828	0.000	95	197879	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.856	11.856	0.000	95	123419	20.0	19.6	
119 4-Isopropyltoluene	119	11.861	11.856	0.005	98	282694	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	11.954	11.954	0.000	99	270603	20.0	20.2	
124 Benzyl chloride	91	12.052	12.052	0.000	98	106698	20.0	19.3	
125 2,3-Dihydroindene	117	12.178	12.177	0.001	95	244192	20.0	19.8	
128 1,2-Dichlorobenzene	146	12.309	12.308	0.001	96	133204	20.0	19.3	
126 p-Diethylbenzene	119	12.341	12.341	0.000	91	156935	20.0	23.4	a
127 n-Butylbenzene	92	12.369	12.363	0.006	98	162875	20.0	23.5	
130 1,2-Dibromo-3-Chloropropane	157	13.182	13.181	0.001	93	16747	20.0	18.5	
129 1,2,4,5-Tetramethylbenzene	119	13.193	13.187	0.006	97	295289	20.0	21.7	
131 1,3,5-Trichlorobenzene	180	13.405	13.400	0.005	97	132417	20.0	22.6	
132 1,2,4-Trichlorobenzene	180	13.989	13.983	0.006	94	125811	20.0	20.9	
133 Hexachlorobutadiene	225	14.169	14.164	0.005	97	63724	20.0	21.1	
134 Naphthalene	128	14.202	14.196	0.006	99	306114	20.0	20.5	
135 1,2,3-Trichlorobenzene	180	14.420	14.415	0.005	96	129329	20.0	20.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 137 Xylenes, Total	100				0		40.0	39.8	
S 139 Total BTEX	1				0		100.0	99.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 11:51:56 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18575.D

Injection Date: 29-Aug-2020 10:41:30 Instrument ID: CVOAMS9 Operator ID:

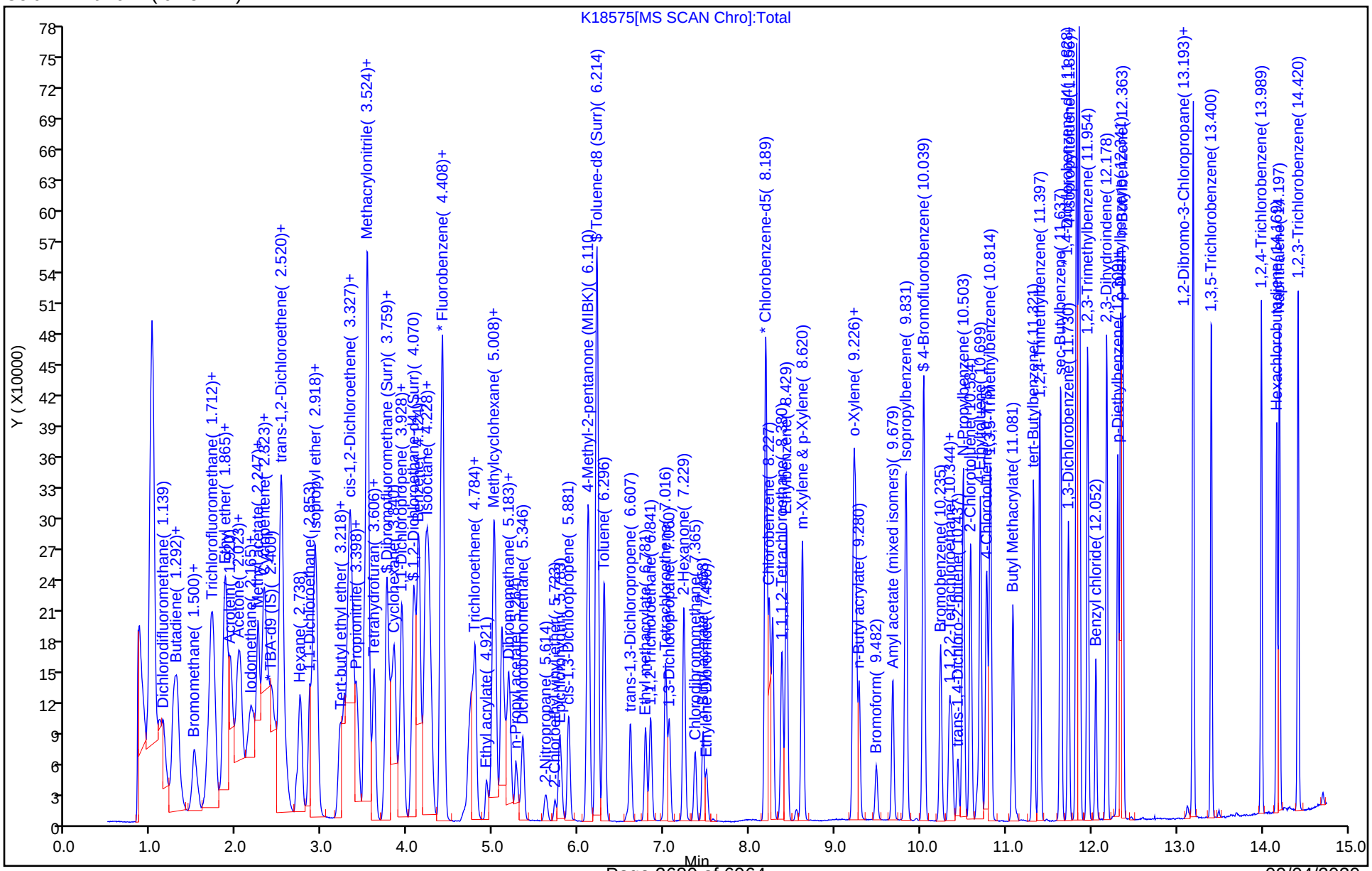
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

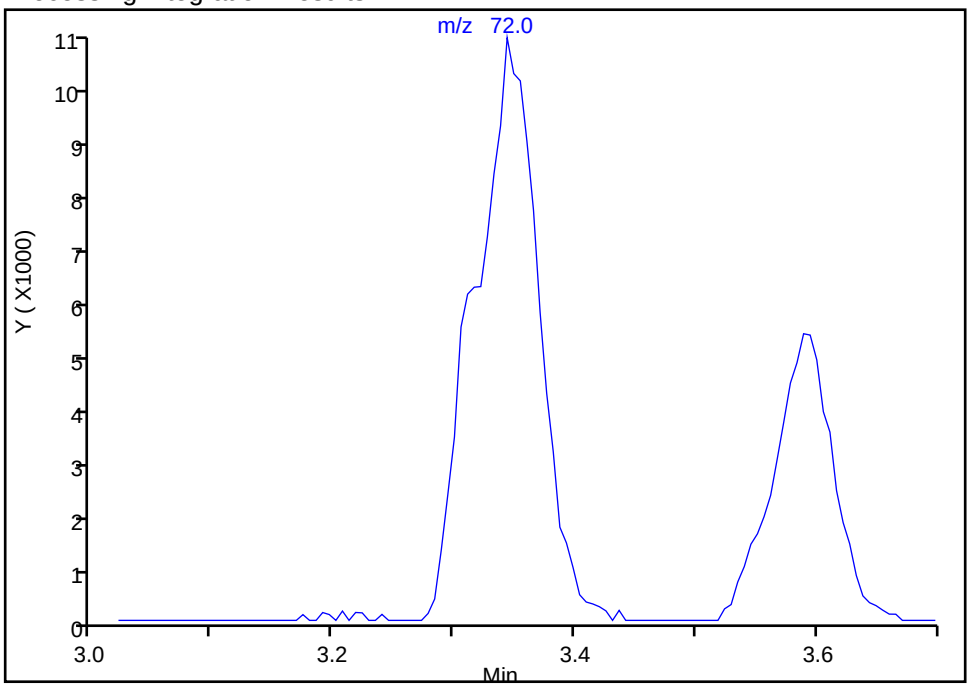
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18575.D
Injection Date: 29-Aug-2020 10:41:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

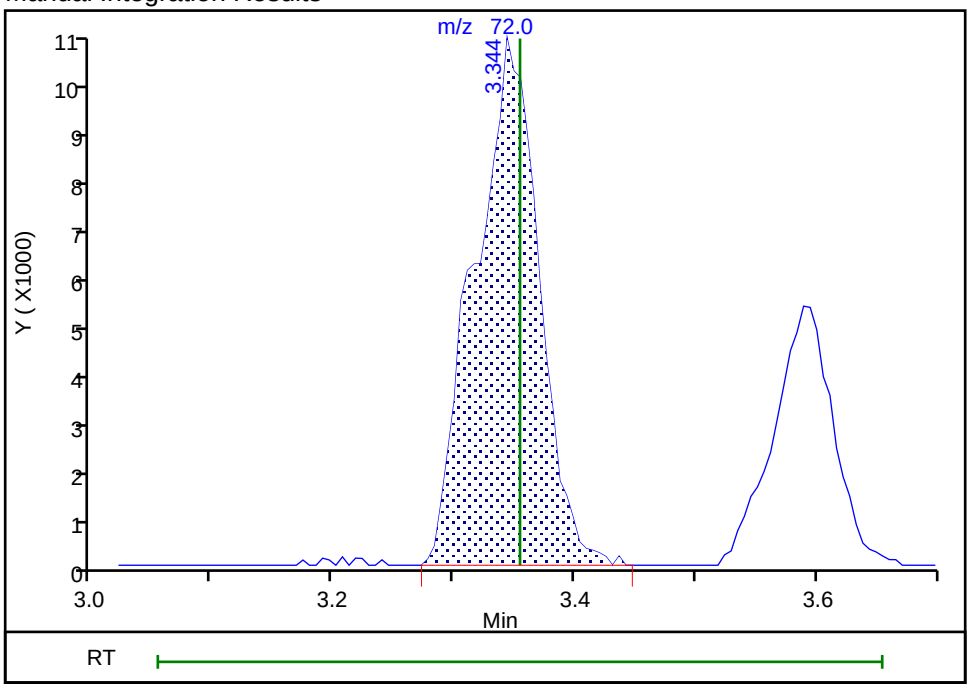
Not Detected
Expected RT: 3.35

Processing Integration Results



Manual Integration Results

RT: 3.34
Area: 38261
Amount: 86.619792
Amount Units: ug/l



Reviewer: starzecm, 29-Aug-2020 11:57:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

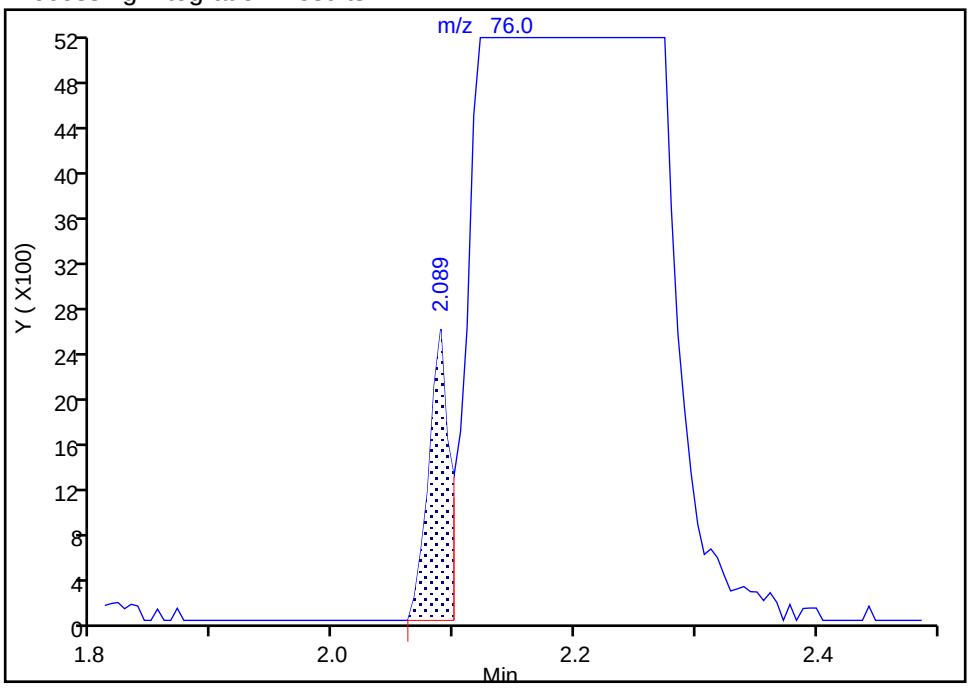
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200829-115966.b\K18575.D
Injection Date: 29-Aug-2020 10:41:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

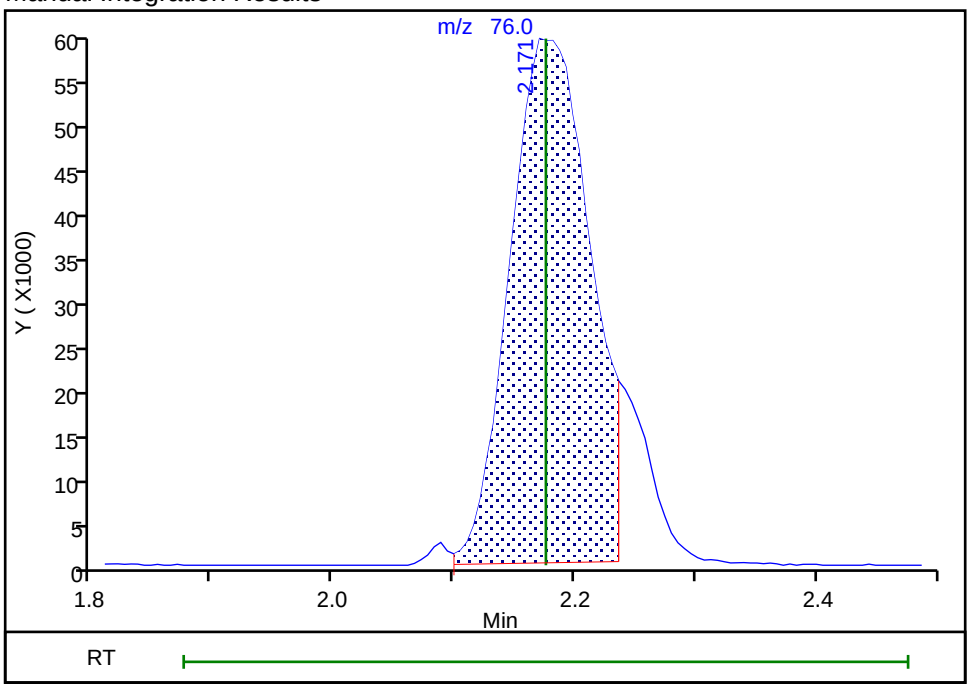
Processing Integration Results

RT: 2.09
Area: 3110
Amount: 0.234136
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 275928
Amount: 20.773179
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 11:50:53
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720644/29

Matrix: Water Lab File ID: J05439.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 20:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.0		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.0		1.0	0.43
75-34-3	1,1-Dichloroethane	19.1		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	22.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	13.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.2		1.0	0.43
107-06-2	1,2-Dichloroethane	18.0		1.0	0.43
78-87-5	1,2-Dichloropropane	20.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.33
78-93-3	2-Butanone (MEK)	107		5.0	1.9
591-78-6	2-Hexanone	105		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	107		5.0	1.3
67-64-1	Acetone	107		5.0	4.4
71-43-2	Benzene	18.8		1.0	0.20
75-25-2	Bromoform	13.1		1.0	0.54
74-83-9	Bromomethane	26.1		1.0	0.55
75-15-0	Carbon disulfide	19.4		1.0	0.82
56-23-5	Carbon tetrachloride	15.5		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
74-97-5	Chlorobromomethane	20.2		1.0	0.41
124-48-1	Chlorodibromomethane	14.9		1.0	0.28
75-00-3	Chloroethane	20.2		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	20.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.6		1.0	0.22
110-82-7	Cyclohexane	17.7		1.0	0.32
75-27-4	Dichlorobromomethane	18.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	25.8		1.0	0.31
100-41-4	Ethylbenzene	18.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720644/29

Matrix: Water Lab File ID: J05439.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 20:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720644 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	18.5		1.0	0.50
98-82-8	Isopropylbenzene	19.3		1.0	0.34
79-20-9	Methyl acetate	31.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.7		1.0	0.47
108-87-2	Methylcyclohexane	20.8		1.0	0.26
75-09-2	Methylene Chloride	20.7		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.1		1.0	0.30
95-47-6	o-Xylene	19.3		1.0	0.36
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	20.0		1.0	0.25
108-88-3	Toluene	18.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.0		1.0	0.49
79-01-6	Trichloroethene	21.7		1.0	0.31
75-69-4	Trichlorofluoromethane	20.2		1.0	0.32
75-01-4	Vinyl chloride	21.1		1.0	0.17
1330-20-7	Xylenes, Total	38.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05439.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Aug-2020 20:30:30 ALS Bottle#: 37 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0116011-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Aug-2020 23:04:19 Calib Date: 15-Aug-2020 07:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20200815-115118.b\J04658.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1031

First Level Reviewer: boykink Date: 30-Aug-2020 23:04:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.331	1.342	-0.011	99	43665	20.0	25.8	
6 Chloromethane	50	1.525	1.524	0.001	99	55308	20.0	20.4	
7 Vinyl chloride	62	1.582	1.581	0.001	98	49645	20.0	21.1	
8 Butadiene	54	1.605	1.604	0.001	94	46582	20.0	21.0	
9 Bromomethane	94	1.867	1.867	0.000	98	22098	20.0	26.1	
10 Chloroethane	64	1.947	1.947	0.000	98	26137	20.0	20.2	
12 Dichlorofluoromethane	67	2.118	2.118	0.000	95	71339	20.0	20.5	
11 Trichlorofluoromethane	101	2.118	2.118	0.000	82	51075	20.0	20.2	
13 Pentane	72	2.164	2.164	0.000	96	5025	40.0	57.7	
14 Ethanol	46	2.312	2.312	0.000	98	8110	800.0	950.2	
15 Ethyl ether	59	2.347	2.358	-0.011	94	33118	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.369	2.369	0.000	95	36974	20.0	19.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.506	2.517	-0.011	93	24163	20.0	20.6	
20 Acrolein	56	2.518	2.529	-0.011	96	8868	40.0	43.6	
21 1,1-Dichloroethene	96	2.541	2.552	-0.011	92	28766	20.0	21.2	
22 Acetone	43	2.643	2.643	0.000	85	61001	100.0	106.6	
23 Iodomethane	142	2.701	2.700	0.001	99	28584	20.0	16.8	
24 Carbon disulfide	76	2.723	2.723	0.000	100	112827	20.0	19.4	
25 Isopropyl alcohol	45	2.723	2.734	-0.011	35	24979	200.0	198.7	
26 3-Chloro-1-propene	76	2.860	2.860	0.000	88	19779	20.0	19.1	
27 Cyclopentene	67	2.872	2.883	-0.011	96	85259	20.0	20.1	
28 Methyl acetate	43	2.872	2.883	-0.011	97	67984	40.0	31.9	
29 Acetonitrile	41	2.929	2.940	-0.011	99	52768	200.0	219.8	
30 Methylene Chloride	84	2.986	2.986	0.000	62	37184	20.0	20.7	a
* 31 TBA-d9 (IS)	65	2.986	2.986	0.000	94	160891	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.054	3.054	0.000	97	33700	200.0	186.5	
33 Methyl tert-butyl ether	73	3.146	3.145	0.001	96	100119	20.0	16.7	
34 trans-1,2-Dichloroethene	96	3.169	3.168	0.001	97	34054	20.0	21.1	
35 Acrylonitrile	53	3.249	3.260	-0.011	93	149791	200.0	265.8	
36 Hexane	57	3.317	3.328	-0.011	93	22910	20.0	18.9	
37 Isopropyl ether	45	3.534	3.545	-0.011	98	149962	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	3.568	3.568	0.000	99	74914	20.0	19.1	
39 Vinyl acetate	43	3.580	3.591	-0.011	100	110672	40.0	18.3	
40 2-Chloro-1,3-butadiene	88	3.614	3.613	0.001	95	29965	20.0	20.1	
41 Tert-butyl ethyl ether	59	3.854	3.865	-0.011	86	123134	20.0	17.3	
42 2,2-Dichloropropane	79	4.059	4.059	0.000	54	14554	20.0	15.0	a
* 43 2-Butanone-d5	46	4.059	4.059	0.000	94	241821	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.082	4.093	-0.011	90	38452	20.0	20.6	
46 2-Butanone (MEK)	72	4.116	4.116	0.000	94	19433	100.0	107.3	
45 Ethyl acetate	70	4.116	4.127	-0.011	95	8201	40.0	44.7	
47 Methyl acrylate	55	4.162	4.173	-0.011	99	33615	20.0	14.4	
48 Propionitrile	54	4.242	4.253	-0.011	97	56367	200.0	248.8	
49 Chlorobromomethane	128	4.310	4.310	0.000	96	17089	20.0	20.2	
50 Tetrahydrofuran	72	4.322	4.321	0.001	95	8944	40.0	40.9	
51 Methacrylonitrile	67	4.345	4.356	-0.011	96	161587	200.0	175.9	
52 Chloroform	83	4.367	4.367	0.000	97	67673	20.0	19.9	
53 Cyclohexane	84	4.482	4.493	-0.011	96	27623	20.0	17.7	
54 1,1,1-Trichloroethane	97	4.504	4.504	0.000	96	48179	20.0	16.4	
$ 55 Dibromofluoromethane (Surr)	113	4.516	4.527	-0.011	95	79342	50.0	47.9	
56 Carbon tetrachloride	117	4.619	4.630	-0.011	97	34155	20.0	15.5	
57 1,1-Dichloropropene	75	4.653	4.664	-0.011	92	47198	20.0	18.4	
59 Isobutyl alcohol	43	4.801	4.801	0.000	94	55266	500.0	558.4	
58 Isooctane	57	4.824	4.824	0.000	96	70442	20.0	22.6	
60 Benzene	78	4.858	4.858	0.000	98	149091	20.0	18.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.870	4.881	-0.011	0	112103	50.0	42.7	
63 Isopropyl acetate	43	4.927	4.926	0.001	92	129019	20.0	14.6	
62 Tert-amyl methyl ether	55	4.927	4.926	0.001	71	35569	20.0	20.6	
64 1,2-Dichloroethane	62	4.950	4.961	-0.011	97	60371	20.0	18.0	
65 n-Heptane	57	5.007	5.018	-0.011	96	12763	20.0	17.2	
* 66 Fluorobenzene	96	5.144	5.155	-0.011	97	357132	50.0	50.0	
68 n-Butanol	56	5.463	5.474	-0.011	96	23852	500.0	489.7	
67 Trichloroethene	95	5.498	5.509	-0.011	93	37211	20.0	21.7	
69 Methylcyclohexane	83	5.623	5.623	0.000	81	25623	20.0	20.8	
70 Ethyl acrylate	55	5.635	5.646	-0.011	98	74426	20.0	16.3	
71 1,2-Dichloropropane	63	5.794	5.805	-0.011	86	43413	20.0	20.0	
* 72 1,4-Dioxane-d8	96	5.863	5.874	-0.011	0	16178	1000.0	1000.0	
73 Methyl methacrylate	100	5.886	5.885	0.001	94	15406	40.0	33.7	
75 1,4-Dioxane	88	5.920	5.931	-0.011	82	7182	400.0	401.7	
74 Dibromomethane	93	5.920	5.931	-0.011	92	24308	20.0	18.6	
76 n-Propyl acetate	43	5.943	5.943	0.001	98	61803	20.0	15.4	
77 Dichlorobromomethane	83	6.080	6.080	0.000	98	46737	20.0	18.5	
78 2-Chloroethyl vinyl ether	63	6.422	6.433	-0.011	78	25033	20.0	16.8	
79 2-Nitropropane	41	6.422	6.433	-0.011	72	12461	40.0	23.6	
80 Epichlorohydrin	57	6.537	6.536	0.001	99	72637	400.0	449.3	
81 cis-1,3-Dichloropropene	75	6.582	6.593	-0.011	98	58080	20.0	17.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.765	6.765	0.001	98	192449	100.0	107.0	
$ 83 Toluene-d8 (Surr)	98	6.833	6.833	0.000	97	265011	50.0	46.9	
84 Toluene	91	6.913	6.913	0.000	92	130191	20.0	18.8	
85 trans-1,3-Dichloropropene	75	7.267	7.267	0.000	97	50330	20.0	16.0	
86 Ethyl methacrylate	69	7.302	7.313	-0.011	94	41618	20.0	15.7	
87 1,1,2-Trichloroethane	83	7.484	7.484	0.000	95	29363	20.0	19.0	
88 Tetrachloroethene	166	7.518	7.529	-0.011	90	21431	20.0	20.0	
89 1,3-Dichloropropane	76	7.690	7.701	-0.011	97	54501	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	58	7.770	7.781	-0.011	99	62927	100.0	104.6	
91 n-Butyl acetate	43	7.884	7.895	-0.011	96	58176	20.0	13.5	
92 Chlorodibromomethane	129	7.929	7.929	0.000	96	26994	20.0	14.9	
93 Ethylene Dibromide	107	8.078	8.089	-0.011	98	31813	20.0	18.5	
* 94 Chlorobenzene-d5	117	8.637	8.648	-0.011	90	249190	50.0	50.0	
95 Chlorobenzene	112	8.672	8.683	-0.011	91	77739	20.0	20.3	
96 Ethylbenzene	106	8.786	8.785	0.001	99	33116	20.0	18.4	
97 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	90	25052	20.0	16.8	
98 m-Xylene & p-Xylene	106	8.946	8.945	0.001	0	40025	20.0	19.1	
100 n-Butyl acrylate	73	9.425	9.425	0.000	81	23910	20.0	14.4	
99 o-Xylene	106	9.425	9.436	-0.011	92	42284	20.0	19.3	
101 Styrene	104	9.459	9.470	-0.011	92	77899	20.0	19.4	
103 Amyl acetate (mixed isomers)	43	9.665	9.664	0.001	88	66376	20.0	13.0	
102 Bromoform	173	9.665	9.676	-0.011	95	15237	20.0	13.1	
104 Isopropylbenzene	105	9.790	9.801	-0.011	97	80948	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	9.984	9.984	0.000	91	69418	50.0	50.5	
106 Bromobenzene	156	10.099	10.110	-0.011	96	30712	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	98	37419	20.0	15.0	
108 N-Propylbenzene	91	10.167	10.167	0.000	98	99562	20.0	18.1	
109 1,2,3-Trichloropropane	110	10.190	10.190	0.000	97	9900	20.0	15.0	
110 trans-1,4-Dichloro-2-butene	53	10.201	10.212	-0.011	78	12192	20.0	13.1	
111 2-Chlorotoluene	91	10.258	10.258	0.000	97	79724	20.0	18.0	
112 4-Ethyltoluene	105	10.270	10.269	0.001	97	83228	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.327	10.327	0.000	92	68996	20.0	18.7	
114 4-Chlorotoluene	91	10.350	10.361	-0.011	99	80835	20.0	18.9	
115 Butyl Methacrylate	87	10.407	10.418	-0.011	97	37034	20.0	15.7	
116 tert-Butylbenzene	119	10.567	10.566	0.001	91	50252	20.0	18.7	
117 1,2,4-Trimethylbenzene	105	10.612	10.623	-0.011	98	72831	20.0	18.5	
118 sec-Butylbenzene	105	10.727	10.738	-0.011	98	72704	20.0	18.8	
120 1,3-Dichlorobenzene	146	10.841	10.840	0.001	83	45652	20.0	19.9	
119 4-Isopropyltoluene	119	10.841	10.840	0.001	97	61997	20.0	18.4	
* 121 1,4-Dichlorobenzene-d4	152	10.886	10.897	-0.011	97	102671	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.909	10.909	0.000	96	48057	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.921	10.920	0.001	99	82132	20.0	19.3	
124 Benzyl chloride	91	11.012	11.012	0.000	97	43126	20.0	10.1	
125 2,3-Dihydroindene	117	11.058	11.057	0.001	94	84479	20.0	19.0	
126 p-Diethylbenzene	119	11.092	11.103	-0.011	90	33261	20.0	19.8	
127 n-Butylbenzene	92	11.115	11.114	0.001	97	35853	20.0	20.2	
128 1,2-Dichlorobenzene	146	11.160	11.160	0.000	95	48645	20.0	20.2	
129 1,2,4,5-Tetramethylbenzene	119	11.583	11.594	-0.011	96	66512	20.0	20.1	
130 1,2-Dibromo-3-Chloropropane	157	11.651	11.662	-0.011	87	6002	20.0	13.3	
131 1,3,5-Trichlorobenzene	180	11.743	11.742	0.001	96	27938	20.0	22.7	
132 1,2,4-Trichlorobenzene	180	12.142	12.142	0.000	93	26582	20.0	22.0	
133 Hexachlorobutadiene	225	12.199	12.210	-0.011	93	11026	20.0	22.8	
134 Naphthalene	128	12.313	12.324	-0.011	99	74607	20.0	16.4	
135 1,2,3-Trichlorobenzene	180	12.473	12.484	-0.011	95	25640	20.0	22.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 137 Xylenes, Total	100				0		40.0	38.3	
S 138 Total BTEX	1				0		100.0	94.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
GASES Li_00383	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Aug-2020 23:04:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05439.D

Injection Date: 30-Aug-2020 20:30:30 Instrument ID: CVOAMS8 Operator ID:

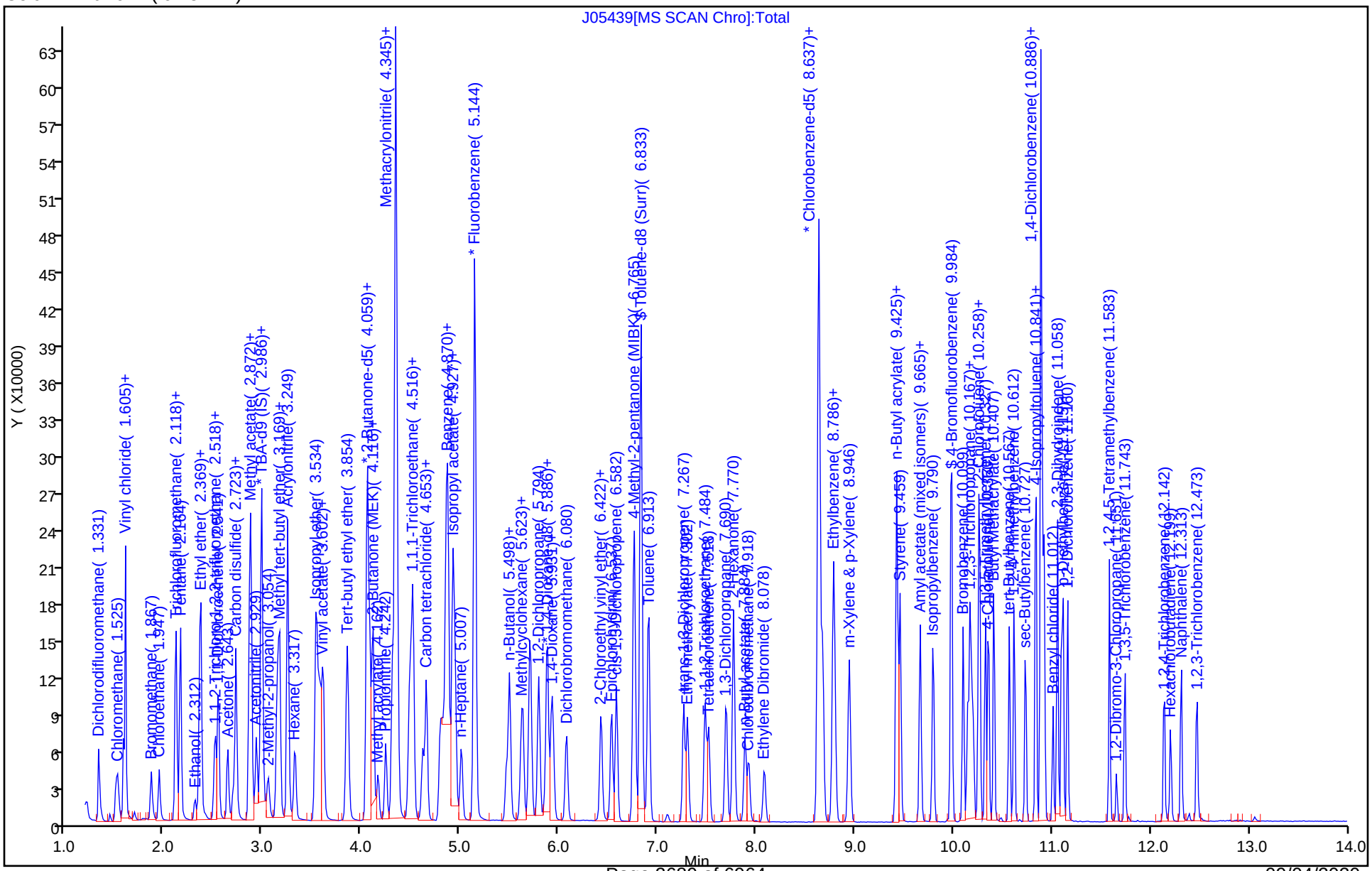
Lims ID: LCSD Worklist Smp#: 29

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 37

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

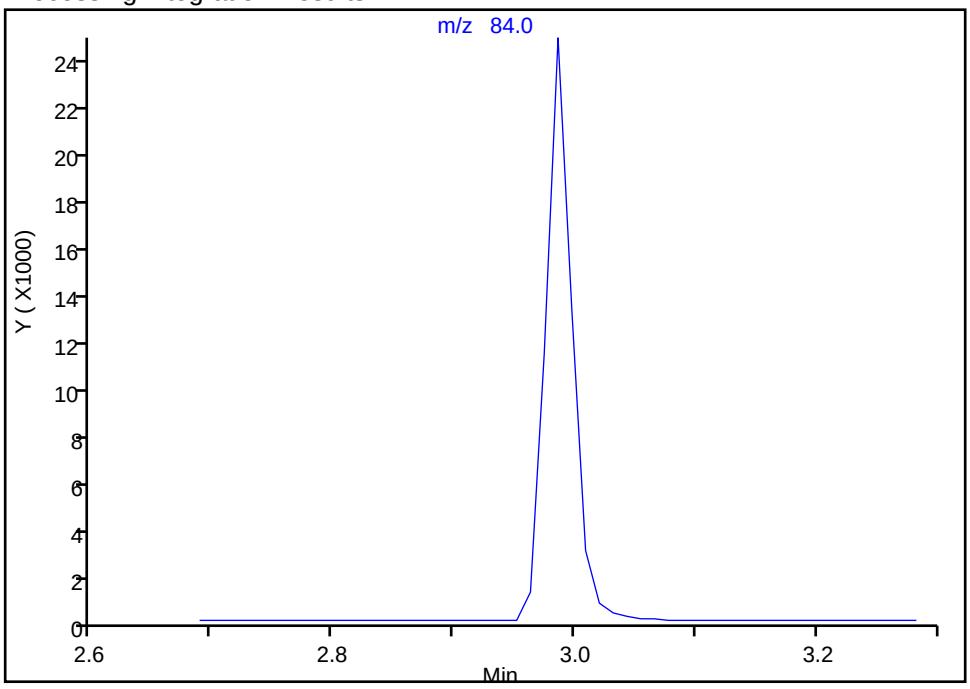
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20200830-116011.b\J05439.D
Injection Date: 30-Aug-2020 20:30:30 Instrument ID: CVOAMS8
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 37 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

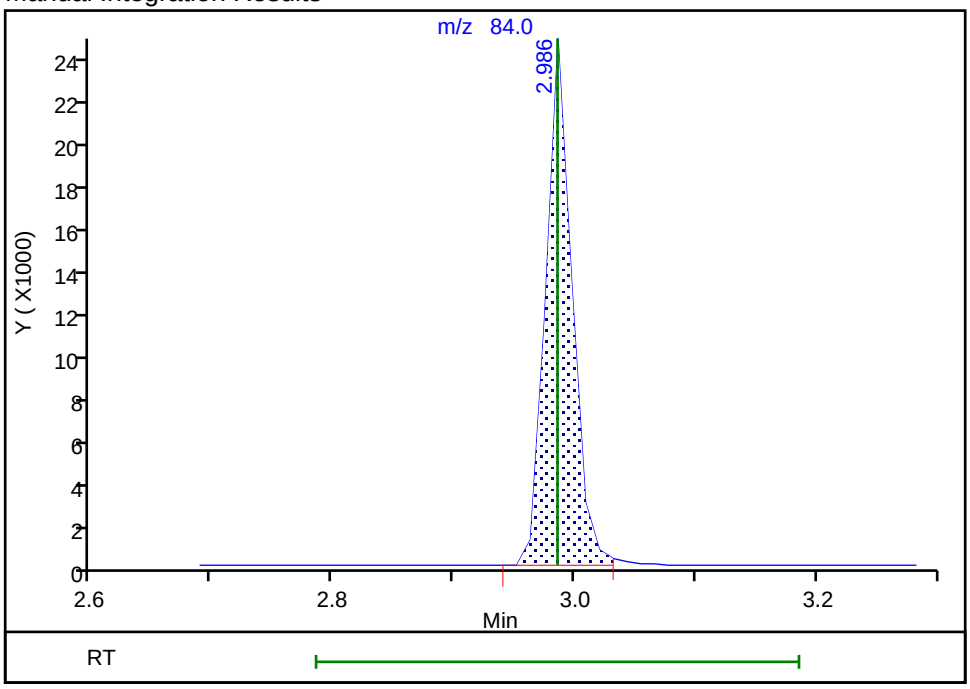
Not Detected
Expected RT: 2.99

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 37184
Amount: 20.739029
Amount Units: ug/l



Reviewer: boykink, 30-Aug-2020 23:03:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720646/4

Matrix: Solid Lab File ID: E16587.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 11:53

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.950		0.050	0.014
79-34-5	1,1,2,2-Tetrachloroethane	0.950		0.050	0.0095
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.881		0.050	0.017
79-00-5	1,1,2-Trichloroethane	0.916		0.050	0.0040
75-34-3	1,1-Dichloroethane	0.972		0.050	0.012
75-35-4	1,1-Dichloroethene	0.894		0.050	0.013
87-61-6	1,2,3-Trichlorobenzene	1.05		0.050	0.018
120-82-1	1,2,4-Trichlorobenzene	1.06		0.050	0.014
96-12-8	1,2-Dibromo-3-Chloropropane	0.802		0.050	0.012
95-50-1	1,2-Dichlorobenzene	1.02		0.050	0.011
107-06-2	1,2-Dichloroethane	0.904		0.050	0.013
78-87-5	1,2-Dichloropropane	0.939		0.050	0.0090
541-73-1	1,3-Dichlorobenzene	1.03		0.050	0.017
106-46-7	1,4-Dichlorobenzene	0.994		0.050	0.017
78-93-3	2-Butanone (MEK)	4.58		0.25	0.11
591-78-6	2-Hexanone	4.68		0.25	0.057
108-10-1	4-Methyl-2-pentanone (MIBK)	4.91		0.25	0.065
67-64-1	Acetone	4.53		0.25	0.22
71-43-2	Benzene	0.995		0.050	0.010
75-25-2	Bromoform	0.903		0.050	0.0090
74-83-9	Bromomethane	1.04		0.050	0.028
75-15-0	Carbon disulfide	0.993		0.050	0.034
56-23-5	Carbon tetrachloride	0.915		0.050	0.017
108-90-7	Chlorobenzene	0.979		0.050	0.012
74-97-5	Chlorobromomethane	0.898		0.050	0.015
124-48-1	Chlorodibromomethane	0.941		0.050	0.011
75-00-3	Chloroethane	1.45		0.050	0.019
67-66-3	Chloroform	0.919		0.050	0.011
74-87-3	Chloromethane	1.04		0.050	0.020
156-59-2	cis-1,2-Dichloroethene	1.01		0.050	0.013
10061-01-5	cis-1,3-Dichloropropene	0.953		0.050	0.011
110-82-7	Cyclohexane	0.965		0.050	0.013
75-27-4	Dichlorobromomethane	0.931		0.050	0.0075
75-71-8	Dichlorodifluoromethane	0.963		0.050	0.016
100-41-4	Ethylbenzene	1.02		0.050	0.015

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720646/4

Matrix: Solid Lab File ID: E16587.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/30/2020 11:53

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 720646 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.880		0.050	0.0095
98-82-8	Isopropylbenzene	1.05		0.050	0.016
79-20-9	Methyl acetate	2.46		0.25	0.039
1634-04-4	Methyl tert-butyl ether	0.851		0.050	0.0065
108-87-2	Methylcyclohexane	0.944		0.050	0.011
75-09-2	Methylene Chloride	0.940		0.050	0.011
179601-23-1	m-Xylene & p-Xylene	0.989		0.050	0.014
95-47-6	o-Xylene	1.03		0.050	0.016
100-42-5	Styrene	0.976		0.050	0.0085
127-18-4	Tetrachloroethene	1.02		0.050	0.018
108-88-3	Toluene	1.01		0.050	0.013
156-60-5	trans-1,2-Dichloroethene	0.895		0.050	0.0090
10061-02-6	trans-1,3-Dichloropropene	0.980		0.050	0.0095
79-01-6	Trichloroethene	0.911		0.050	0.011
75-69-4	Trichlorofluoromethane	0.985		0.050	0.016
75-01-4	Vinyl chloride	1.03		0.050	0.010
1330-20-7	Xylenes, Total	2.01		0.10	0.014

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-150
460-00-4	4-Bromofluorobenzene	101		62-150
1868-53-7	Dibromofluoromethane (Surr)	89		54-150
2037-26-5	Toluene-d8 (Surr)	97		68-148

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16587.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Aug-2020 11:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\8260W_5.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:38:47 Calib Date: 13-Aug-2020 11:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20200813-114977.b\E15857.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: delpolitov Date: 02-Sep-2020 15:42:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.773	0.773	0.000	99	102388	20.0	19.3	
7 Vinyl chloride	62	0.904	0.904	0.000	97	106389	20.0	20.7	
6 Chloromethane	50	0.912	0.904	0.008	99	132253	20.0	20.7	
8 Butadiene	54	0.912	0.912	0.000	92	90202	20.0	20.5	
9 Bromomethane	94	1.061	1.061	0.000	98	67512	20.0	20.9	
10 Chloroethane	64	1.118	1.118	0.000	99	63734	20.0	29.1	
12 Pentane	72	1.184	1.184	0.000	96	18706	40.0	47.4	
11 Trichlorofluoromethane	101	1.184	1.184	0.000	95	129542	20.0	19.7	
13 Dichlorofluoromethane	67	1.217	1.217	0.000	98	146367	20.0	19.9	
14 2-Methyl-1,3-butadiene	67	1.332	1.332	0.000	95	116940	20.0	18.4	
15 Ethyl ether	59	1.340	1.340	0.000	93	67297	20.0	18.1	
16 Ethanol	45	1.423	1.423	0.000	98	25497	800.0	947.9	
17 1,1-Dichloroethene	96	1.439	1.439	0.000	95	76058	20.0	17.9	
19 Carbon disulfide	76	1.456	1.456	0.000	98	265529	20.0	19.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.464	1.464	0.000	96	61645	20.0	17.6	
22 Iodomethane	142	1.513	1.513	0.000	98	106910	20.0	18.4	
23 Cyclopentene	67	1.595	1.596	-0.001	95	195427	20.0	18.9	
24 Acrolein	56	1.620	1.620	0.000	90	8483	40.0	58.1	
25 3-Chloro-1-propene	76	1.694	1.694	0.000	90	51388	20.0	18.8	
26 Isopropyl alcohol	45	1.719	1.719	0.000	99	32818	200.0	217.7	
27 Methylene Chloride	84	1.752	1.752	0.000	86	95819	20.0	18.8	
28 Acetone	58	1.785	1.785	0.000	87	27263	100.0	90.7	
29 trans-1,2-Dichloroethene	96	1.842	1.842	0.000	93	88143	20.0	17.9	
30 Methyl acetate	74	1.851	1.851	0.000	99	24919	40.0	49.1	
31 Hexane	86	1.884	1.884	0.000	76	9775	20.0	28.9	
32 Methyl tert-butyl ether	73	1.908	1.908	0.000	97	237974	20.0	17.0	
* 33 TBA-d9 (IS)	65	1.925	1.925	0.000	99	242798	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.974	1.974	0.000	98	59327	200.0	196.8	
35 Acetonitrile	41	2.056	2.056	0.000	100	70860	200.0	253.1	
36 Isopropyl ether	45	2.130	2.130	0.000	95	247700	20.0	20.1	
37 2-Chloro-1,3-butadiene	88	2.188	2.188	0.000	90	78909	20.0	18.5	
38 1,1-Dichloroethane	63	2.204	2.205	-0.001	99	157586	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Acrylonitrile	53	2.237	2.237	0.000	95	240854	200.0	156.3	
40 Tert-butyl ethyl ether	59	2.361	2.361	0.000	90	254244	20.0	19.4	
41 Vinyl acetate	86	2.377	2.377	0.000	99	33322	40.0	44.0	
42 cis-1,2-Dichloroethene	96	2.550	2.550	0.000	98	98871	20.0	20.3	
43 2,2-Dichloropropane	77	2.616	2.616	0.000	95	115542	20.0	19.5	
44 Cyclohexane	56	2.674	2.674	0.000	86	71003	20.0	19.3	
45 Chlorobromomethane	128	2.690	2.682	0.008	85	43388	20.0	18.0	
46 Chloroform	83	2.748	2.748	0.000	99	142722	20.0	18.4	
47 Carbon tetrachloride	117	2.830	2.830	0.000	98	87326	20.0	18.3	
49 Ethyl acetate	70	2.855	2.846	0.009	100	15175	40.0	39.8	
48 Methyl acrylate	55	2.855	2.855	0.000	85	50926	20.0	15.9	
50 Tetrahydrofuran	42	2.855	2.855	0.000	94	43782	40.0	37.7	
$ 51 Dibromofluoromethane (Surr)	113	2.871	2.871	0.000	96	169031	50.0	44.3	
52 1,1,1-Trichloroethane	97	2.879	2.879	0.000	96	117670	20.0	19.0	
* 53 2-Butanone-d5	46	2.945	2.945	0.000	100	250077	250.0	250.0	
54 1,1-Dichloropropene	75	2.970	2.970	0.000	93	99578	20.0	17.1	
55 2-Butanone (MEK)	72	2.978	2.978	0.000	98	40396	100.0	91.5	
56 Isooctane	57	3.060	3.052	0.008	99	119938	20.0	24.4	
57 n-Heptane	57	3.143	3.143	0.000	87	27730	20.0	21.4	
58 Benzene	78	3.159	3.159	0.000	95	319115	20.0	19.9	
59 Propionitrile	54	3.200	3.200	0.000	96	79894	200.0	235.0	
60 Methacrylonitrile	67	3.209	3.209	0.000	89	297380	200.0	169.0	
62 Tert-amyl methyl ether	73	3.274	3.274	0.000	95	221017	20.0	17.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.274	3.274	0.000	97	201362	50.0	44.7	
63 1,2-Dichloroethane	62	3.324	3.324	0.000	98	106272	20.0	18.1	
64 Isobutyl alcohol	43	3.406	3.406	0.000	97	46046	500.0	526.7	
65 t-Amyl alcohol	59	3.472	3.472	0.000	96	37768	200.0	192.5	
* 66 Fluorobenzene	96	3.505	3.505	0.000	99	673669	50.0	50.0	
67 Isopropyl acetate	43	3.579	3.579	0.000	99	109912	20.0	16.5	
68 Methylcyclohexane	83	3.620	3.620	0.000	94	59316	20.0	18.9	
69 Trichloroethene	95	3.645	3.645	0.000	99	77330	20.0	18.2	
70 2-ethoxy-2-methyl butane	59	3.892	3.883	0.009	98	179258	20.0	18.5	
71 Dibromomethane	93	4.015	4.015	0.000	95	48545	20.0	16.9	
72 n-Butanol	56	4.031	4.032	-0.001	86	27964	500.0	498.2	
73 1,2-Dichloropropane	63	4.106	4.106	0.000	90	76030	20.0	18.8	
74 Dichlorobromomethane	83	4.188	4.188	0.000	98	104385	20.0	18.6	
75 Ethyl acrylate	55	4.188	4.188	0.000	97	73915	20.0	16.2	
* 76 1,4-Dioxane-d8	96	4.369	4.377	-0.008	47	27646	1000.0	1000.0	
77 Methyl methacrylate	100	4.385	4.385	0.000	83	39182	40.0	32.5	
78 1,4-Dioxane	88	4.402	4.394	0.008	90	14092	400.0	422.7	
79 n-Propyl acetate	43	4.542	4.542	0.000	98	76672	20.0	16.1	
80 2-Chloroethyl vinyl ether	63	4.797	4.797	0.000	95	43382	20.0	17.2	
81 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	117513	20.0	19.1	
$ 82 Toluene-d8 (Surr)	98	5.019	5.019	0.000	99	650512	50.0	48.7	
83 Toluene	91	5.077	5.068	0.009	94	340834	20.0	20.2	
84 Epichlorohydrin	57	5.110	5.110	0.000	98	103563	400.0	389.7	
85 2-Nitropropane	41	5.340	5.340	0.000	97	26177	40.0	47.4	
86 Tetrachloroethene	166	5.488	5.488	0.000	96	55927	20.0	20.5	
87 4-Methyl-2-pentanone (MIBK)	43	5.546	5.546	0.000	95	263742	100.0	98.1	
88 trans-1,3-Dichloropropene	75	5.579	5.579	0.000	96	111950	20.0	19.6	
89 1,1,2-Trichloroethane	83	5.751	5.743	0.008	94	55044	20.0	18.3	
90 Ethyl methacrylate	69	5.834	5.826	0.008	87	77878	20.0	15.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 Chlorodibromomethane	129	5.941	5.941	0.000	98	71676	20.0	18.8	
92 1,3-Dichloropropane	76	6.064	6.064	0.000	91	113341	20.0	18.6	
93 Ethylene Dibromide	107	6.188	6.188	0.000	98	67529	20.0	17.6	
94 n-Butyl acetate	43	6.542	6.533	0.009	99	73471	20.0	15.7	
95 2-Hexanone	43	6.607	6.607	0.000	93	175110	100.0	93.7	
* 96 Chlorobenzene-d5	117	6.879	6.871	0.008	85	537317	50.0	50.0	
97 Chlorobenzene	112	6.895	6.895	0.000	94	203967	20.0	19.6	
98 Ethylbenzene	106	6.978	6.978	0.000	98	95210	20.0	20.4	
99 1,1,1,2-Tetrachloroethane	133	7.002	7.002	0.000	93	61187	20.0	18.8	
100 m-Xylene & p-Xylene	106	7.192	7.192	0.000	97	111689	20.0	19.8	
101 o-Xylene	106	7.784	7.776	0.008	94	118512	20.0	20.5	
102 Bromoform	173	7.842	7.842	0.000	93	38562	20.0	18.1	
103 Styrene	104	7.867	7.867	0.000	96	200146	20.0	19.5	
104 n-Butyl acrylate	73	8.196	8.196	0.000	98	38324	20.0	18.0	
105 Isopropylbenzene	105	8.262	8.262	0.000	95	236766	20.0	21.0	
106 Amyl acetate (mixed isomers)	43	8.607	8.607	0.000	92	83549	20.0	18.2	
$ 107 4-Bromofluorobenzene	174	8.640	8.640	0.000	86	171859	50.0	50.6	
108 Bromobenzene	156	8.739	8.739	0.000	97	77879	20.0	19.7	
109 N-Propylbenzene	91	8.895	8.887	0.008	99	247480	20.0	21.4	
110 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	97	81505	20.0	19.0	
111 2-Chlorotoluene	91	9.068	9.068	0.000	96	201153	20.0	21.1	
112 4-Ethyltoluene	105	9.085	9.076	0.009	99	200300	20.0	21.2	
113 1,2,3-Trichloropropane	110	9.175	9.175	0.000	97	24890	20.0	18.1	
114 1,3,5-Trimethylbenzene	105	9.233	9.233	0.000	93	158119	20.0	21.3	
115 trans-1,4-Dichloro-2-butene	75	9.315	9.315	0.000	86	26053	20.0	15.5	
116 4-Chlorotoluene	91	9.331	9.331	0.000	98	192162	20.0	20.9	
117 tert-Butylbenzene	119	9.702	9.702	0.000	93	129249	20.0	20.3	
119 1,2,4-Trimethylbenzene	105	9.833	9.833	0.000	97	159487	20.0	20.9	
118 Butyl Methacrylate	87	9.842	9.842	0.000	88	61131	20.0	20.7	
120 sec-Butylbenzene	105	9.990	9.990	0.000	98	180778	20.0	20.6	
121 1,3-Dichlorobenzene	146	10.253	10.253	0.000	95	115995	20.0	20.7	
122 4-Isopropyltoluene	119	10.270	10.270	0.000	97	140370	20.0	20.3	
* 123 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	96	191692	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.410	10.410	0.000	94	118543	20.0	19.9	
125 1,2,3-Trimethylbenzene	105	10.516	10.508	0.008	99	171212	20.0	20.7	
126 2,3-Dihydroindene	117	10.689	10.689	0.000	94	217301	20.0	20.6	
128 Benzyl chloride	126	10.870	10.870	0.000	97	21930	20.0	13.6	
127 p-Diethylbenzene	119	10.879	10.879	0.000	90	66910	20.0	20.6	
129 n-Butylbenzene	92	10.961	10.961	0.000	97	61607	20.0	21.2	
130 1,2-Dichlorobenzene	146	11.076	11.076	0.000	96	120284	20.0	20.4	
131 1,2,4,5-Tetramethylbenzene	119	11.899	11.899	0.000	97	165795	20.0	23.7	
132 1,2-Dibromo-3-Chloropropane	157	12.023	12.023	0.000	96	14760	20.0	16.0	
133 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	96	56478	20.0	22.1	
134 1,2,4-Trichlorobenzene	180	12.566	12.566	0.000	94	53113	20.0	21.3	
135 Hexachlorobutadiene	225	12.566	12.566	0.000	88	23258	20.0	20.7	
136 Naphthalene	128	12.780	12.780	0.000	99	182698	20.0	18.7	
137 1,2,3-Trichlorobenzene	180	12.895	12.895	0.000	96	51751	20.0	21.0	
S 138 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	38.7	
S 140 Xylenes, Total	100				0		40.0	40.3	
S 141 Total BTEX	1				0		100.0	100.9	

Reagents:

ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
GASES Li_00383	Amount Added:	20.00	Units: uL	
8260SURR250_00210	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent

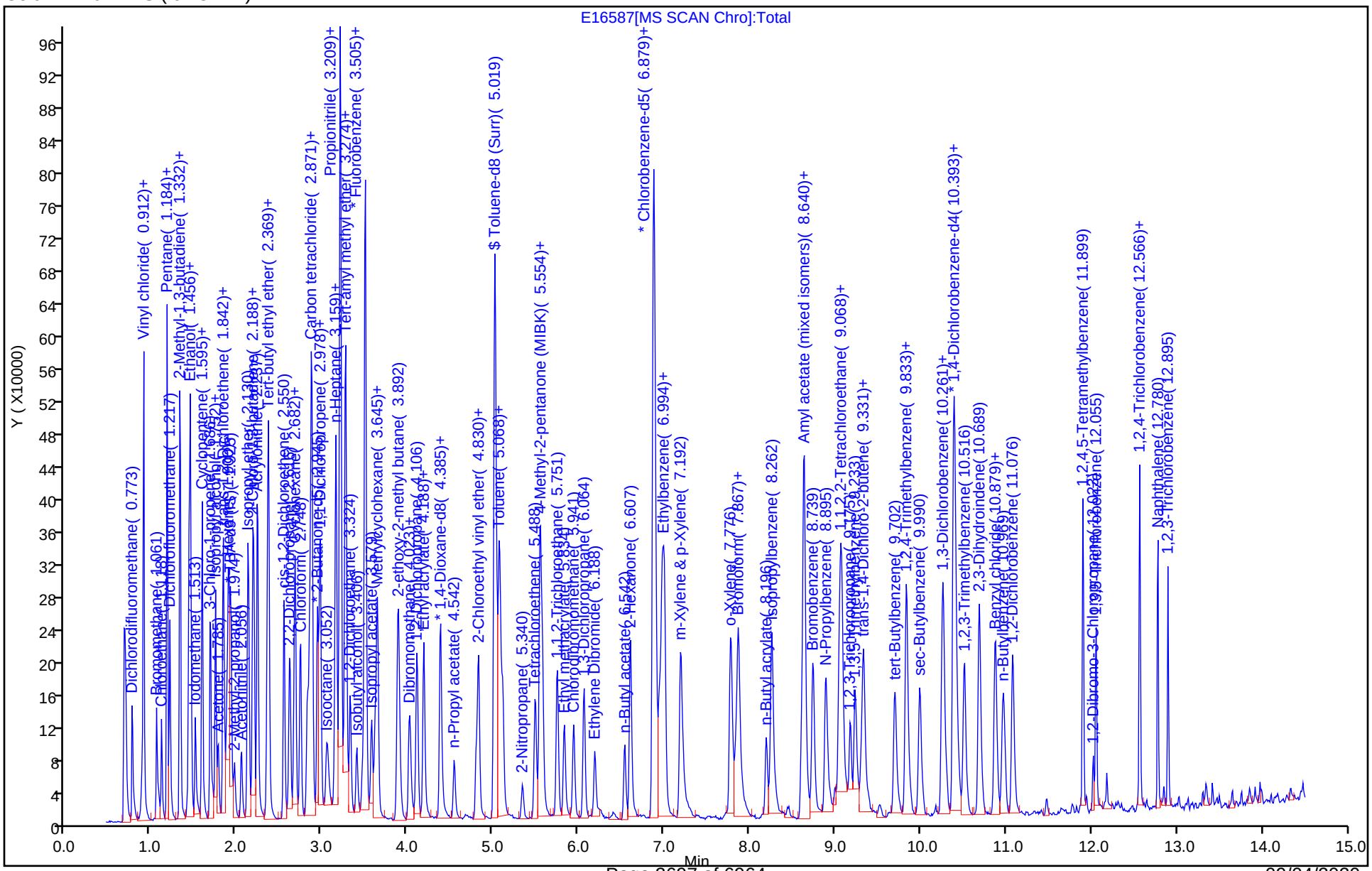
Report Date: 02-Sep-2020 15:42:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20200830-116012.b\E16587.D

Injection Date:	30-Aug-2020 11:53:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_5	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720741/4

Matrix: Solid Lab File ID: D71883.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0182		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0194		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0209		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0194		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0212		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0209		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0194		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0202		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0154		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0203		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0172		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0214		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0210		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0210		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0966		0.0050	0.0027
591-78-6	2-Hexanone	0.0993		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.104		0.0050	0.0016
67-64-1	Acetone	0.0944		0.0060	0.0057
71-43-2	Benzene	0.0217		0.0010	0.00026
75-25-2	Bromoform	0.0138		0.0010	0.00043
74-83-9	Bromomethane	0.0524		0.0010	0.00047
75-15-0	Carbon disulfide	0.0212		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0182		0.0010	0.00039
108-90-7	Chlorobenzene	0.0207		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0186		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0170		0.0010	0.00019
75-00-3	Chloroethane	0.0223		0.0010	0.00052
67-66-3	Chloroform	0.0194		0.0010	0.00032
74-87-3	Chloromethane	0.0208		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0203		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0199		0.0010	0.00027
110-82-7	Cyclohexane	0.0206		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0176		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0181		0.0010	0.00034
100-41-4	Ethylbenzene	0.0203		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720741/4

Matrix: Solid Lab File ID: D71883.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720741 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0182		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0215		0.0010	0.00013
79-20-9	Methyl acetate	0.0314		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0164		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0207		0.0010	0.00050
75-09-2	Methylene Chloride	0.0199		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0206		0.0010	0.00017
95-47-6	o-Xylene	0.0203		0.0010	0.00019
100-42-5	Styrene	0.0198		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0190		0.0010	0.00014
108-88-3	Toluene	0.0206		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0210		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0176		0.0010	0.00027
79-01-6	Trichloroethene	0.0202		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0216		0.0010	0.00041
75-01-4	Vinyl chloride	0.0202		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0408		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	101		48-150
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71883.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 31-Aug-2020 05:30:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0116029-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 13:55:04 Calib Date: 25-Jul-2020 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200725-113878.b\D70141.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: parekhv Date: 31-Aug-2020 19:04:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	98	182453	20.0	18.1	
6 Chloromethane	50	1.565	1.565	0.000	99	170949	20.0	20.8	
8 Vinyl chloride	62	1.662	1.662	0.000	98	179660	20.0	20.2	
7 Butadiene	54	1.693	1.693	0.000	96	161230	20.0	19.5	
9 Bromomethane	94	1.985	1.986	-0.001	99	76858	20.0	52.4	
10 Chloroethane	64	2.089	2.089	0.000	100	88698	20.0	22.3	
13 Trichlorofluoromethane	101	2.296	2.296	0.000	98	189430	20.0	21.6	
11 Dichlorofluoromethane	67	2.302	2.303	-0.001	98	211425	20.0	23.5	
12 Pentane	72	2.357	2.357	0.000	97	42965	40.0	40.5	
15 Ethanol	46	2.577	2.577	0.000	93	13416	800.0	1019.0	
14 Ethyl ether	59	2.595	2.595	0.000	95	66675	20.0	19.1	
16 2-Methyl-1,3-butadiene	53	2.607	2.607	0.000	96	95279	20.0	21.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.784	0.000	93	107334	20.0	20.9	
19 Acrolein	56	2.790	2.790	0.000	96	114021	300.0	401.7	
21 1,1-Dichloroethene	96	2.821	2.815	0.006	98	94411	20.0	20.9	
22 Acetone	43	2.942	2.943	-0.001	88	78430	100.0	94.4	
23 Iodomethane	142	2.985	2.985	0.000	98	129252	20.0	22.0	
24 Carbon disulfide	76	3.016	3.016	0.000	99	330320	20.0	21.2	
25 Isopropyl alcohol	45	3.070	3.071	-0.001	98	36049	200.0	213.1	
26 3-Chloro-1-propene	76	3.205	3.199	0.006	89	54267	20.0	20.3	
28 Cyclopentene	67	3.217	3.217	0.000	93	242404	20.0	21.8	
27 Methyl acetate	43	3.235	3.235	0.000	99	80857	40.0	31.4	
29 Acetonitrile	40	3.290	3.290	0.000	99	36645	200.0	272.4	
30 Methylene Chloride	84	3.357	3.357	0.000	92	92815	20.0	19.9	
* 31 TBA-d9 (IS)	65	3.375	3.376	-0.001	0	224711	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.461	3.461	0.000	98	54957	200.0	189.0	
33 Methyl tert-butyl ether	73	3.552	3.552	0.000	97	186187	20.0	16.4	
34 trans-1,2-Dichloroethene	96	3.576	3.577	-0.001	95	96693	20.0	21.0	
35 Acrylonitrile	53	3.674	3.674	0.000	94	198790	200.0	268.3	
36 Hexane	57	3.772	3.772	0.000	91	149063	20.0	21.8	
37 Isopropyl ether	45	4.040	4.034	0.006	98	234646	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	4.058	4.058	0.000	99	159777	20.0	21.2	
39 Vinyl acetate	86	4.095	4.095	0.000	100	25080	40.0	30.1	
40 2-Chloro-1,3-butadiene	88	4.113	4.107	0.006	89	83173	20.0	20.0	
41 Tert-butyl ethyl ether	59	4.418	4.418	0.000	90	194839	20.0	17.7	
43 2,2-Dichloropropane	79	4.649	4.650	-0.001	96	35308	20.0	17.1	
* 42 2-Butanone-d5	46	4.656	4.656	0.000	94	217995	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.692	4.692	0.000	98	92523	20.0	20.3	
45 2-Butanone (MEK)	72	4.723	4.723	0.000	99	32660	100.0	96.6	
46 Ethyl acetate	70	4.741	4.741	0.000	98	10913	40.0	37.7	
47 Methyl acrylate	55	4.802	4.796	0.006	100	45747	20.0	16.4	
48 Propionitrile	54	4.881	4.881	0.000	98	71174	200.0	213.4	
50 Tetrahydrofuran	72	4.966	4.961	0.005	54	13390	40.0	38.7	
49 Chlorobromomethane	128	4.966	4.967	-0.001	85	38923	20.0	18.6	
51 Methacrylonitrile	67	5.003	5.003	0.000	90	224339	200.0	157.1	
52 Chloroform	83	5.040	5.040	0.000	99	137621	20.0	19.4	
53 Cyclohexane	84	5.168	5.168	0.000	90	134040	20.0	20.6	
54 1,1,1-Trichloroethane	97	5.192	5.192	0.000	99	114489	20.0	18.2	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.229	0.000	97	184738	50.0	50.3	
56 Carbon tetrachloride	117	5.338	5.339	-0.001	96	100222	20.0	18.2	
57 1,1-Dichloropropene	75	5.387	5.387	0.000	99	120827	20.0	21.2	
58 Isobutyl alcohol	43	5.588	5.589	-0.001	91	101202	500.0	647.2	
59 Benzene	78	5.625	5.625	0.000	95	319842	20.0	21.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.655	5.649	0.006	96	165395	50.0	46.5	
61 Tert-amyl methyl ether	87	5.728	5.729	-0.001	92	49792	20.0	14.9	
62 Isopropyl acetate	43	5.735	5.735	0.000	99	140930	20.0	14.4	
63 1,2-Dichloroethane	62	5.747	5.747	0.000	96	82820	20.0	17.2	
64 n-Heptane	43	5.838	5.838	0.000	90	126889	20.0	20.8	
* 65 Fluorobenzene	96	5.985	5.985	0.000	99	594511	50.0	50.0	
66 n-Butanol	56	6.411	6.412	-0.001	87	29161	500.0	462.2	
67 Trichloroethene	95	6.423	6.424	-0.001	99	81436	20.0	20.2	
68 Methylcyclohexane	83	6.564	6.564	0.000	93	149223	20.0	20.7	
69 Ethyl acrylate	55	6.606	6.607	-0.001	98	67178	20.0	15.5	
70 1,2-Dichloropropane	63	6.771	6.777	-0.006	95	77078	20.0	21.4	
* 71 1,4-Dioxane-d8	96	6.856	6.857	-0.001	0	21527	1000.0	1000.0	
72 Methyl methacrylate	100	6.899	6.893	0.006	86	27346	40.0	29.3	
73 1,4-Dioxane	88	6.917	6.918	-0.001	92	11784	400.0	432.2	
74 Dibromomethane	93	6.923	6.924	-0.001	97	39293	20.0	17.5	
75 n-Propyl acetate	43	6.966	6.966	0.000	98	64281	20.0	15.4	
76 Dichlorobromomethane	83	7.100	7.100	0.000	99	83700	20.0	17.6	
77 2-Nitropropane	41	7.448	7.448	0.000	98	15381	40.0	19.3	
78 2-Chloroethyl vinyl ether	63	7.466	7.460	0.006	94	28201	20.0	15.4	
79 Epichlorohydrin	57	7.557	7.552	0.005	99	88418	400.0	410.1	
80 cis-1,3-Dichloropropene	75	7.606	7.606	0.000	89	105239	20.0	19.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.759	0.000	95	206657	100.0	103.5	
$ 82 Toluene-d8 (Surr)	98	7.820	7.820	0.000	99	606709	50.0	54.5	
83 Toluene	91	7.893	7.887	0.006	93	302849	20.0	20.6	
84 trans-1,3-Dichloropropene	75	8.198	8.198	0.000	98	82266	20.0	17.6	
85 Ethyl methacrylate	69	8.222	8.222	0.000	88	62223	20.0	16.0	
86 1,1,2-Trichloroethane	83	8.362	8.362	0.000	97	45430	20.0	19.4	
87 Tetrachloroethene	166	8.393	8.393	0.000	96	74780	20.0	19.0	
88 1,3-Dichloropropane	76	8.527	8.527	0.000	90	89289	20.0	20.0	
89 2-Hexanone	43	8.576	8.570	0.006	95	137982	100.0	99.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 n-Butyl acetate	73	8.661	8.661	0.000	98	12098	20.0	16.2	
91 Chlorodibromomethane	129	8.697	8.698	-0.001	98	55738	20.0	17.0	
92 Ethylene Dibromide	107	8.807	8.807	0.000	99	49803	20.0	18.2	
* 93 Chlorobenzene-d5	117	9.185	9.185	0.000	86	381227	50.0	50.0	
94 Chlorobenzene	112	9.210	9.210	0.000	96	185306	20.0	20.7	
95 Ethylbenzene	106	9.270	9.271	-0.001	98	100898	20.0	20.3	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.283	0.000	97	57889	20.0	17.9	
97 m-Xylene & p-Xylene	106	9.374	9.374	0.000	100	122512	20.0	20.6	
98 n-Butyl acrylate	73	9.679	9.679	0.000	98	32722	20.0	15.6	
99 o-Xylene	106	9.703	9.704	-0.001	94	113790	20.0	20.3	
100 Styrene	104	9.728	9.728	0.000	96	191298	20.0	19.8	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	92	68283	20.0	17.9	
102 Bromoform	173	9.898	9.899	-0.001	95	30406	20.0	13.8	
103 Isopropylbenzene	105	9.984	9.984	0.000	95	312069	20.0	21.5	
$ 104 4-Bromofluorobenzene	174	10.148	10.149	-0.001	0	170289	50.0	53.3	
105 Bromobenzene	156	10.258	10.258	0.000	97	70698	20.0	20.4	
106 1,1,2,2-Tetrachloroethane	83	10.276	10.277	-0.001	99	59561	20.0	19.4	
107 N-Propylbenzene	91	10.301	10.301	0.000	99	380485	20.0	23.9	
108 1,2,3-Trichloropropane	110	10.319	10.319	0.000	98	15744	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	10.331	10.325	0.006	80	14786	20.0	16.5	
110 4-Ethyltoluene	105	10.386	10.386	0.000	98	300716	20.0	22.5	
111 2-Chlorotoluene	91	10.392	10.392	0.000	95	242199	20.0	22.6	
112 1,3,5-Trimethylbenzene	105	10.435	10.435	0.000	93	252432	20.0	22.6	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	215233	20.0	22.4	
114 Butyl Methacrylate	87	10.496	10.496	0.000	89	65545	20.0	18.1	
115 tert-Butylbenzene	119	10.673	10.673	0.000	95	223717	20.0	23.2	
116 1,2,4-Trimethylbenzene	105	10.721	10.722	-0.001	97	245290	20.0	22.3	
117 sec-Butylbenzene	105	10.837	10.838	-0.001	99	343898	20.0	23.5	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	279673	20.0	22.6	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	96	137130	20.0	21.0	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.008	0.000	95	183863	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.026	0.000	95	138323	20.0	21.0	
122 1,2,3-Trimethylbenzene	105	11.032	11.033	-0.001	98	247383	20.0	21.5	
123 Benzyl chloride	126	11.130	11.130	0.000	99	15460	20.0	13.0	
124 2,3-Dihydroindene	117	11.185	11.185	0.000	94	253100	20.0	18.2	
125 p-Diethylbenzene	119	11.215	11.215	0.000	93	163486	20.0	22.5	
126 n-Butylbenzene	92	11.234	11.234	0.000	97	157412	20.0	23.4	
127 1,2-Dichlorobenzene	146	11.301	11.301	0.000	97	126565	20.0	20.3	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.813	0.000	98	228319	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	11.929	11.929	-0.001	95	10443	20.0	15.4	
130 1,3,5-Trichlorobenzene	180	12.050	12.051	-0.001	97	102869	20.0	20.7	
131 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	94	86006	20.0	20.2	
132 Hexachlorobutadiene	225	12.752	12.752	0.000	90	44770	20.0	17.7	
133 Naphthalene	128	12.922	12.922	0.000	99	173212	20.0	18.2	
134 1,2,3-Trichlorobenzene	180	13.197	13.197	0.000	95	77439	20.0	19.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 136 1,3-Dichloropropene, Total	100				0		40.0	37.5	
S 137 Xylenes, Total	100				0		40.0	40.8	
S 138 Total BTEX	1				0		100.0	103.4	

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

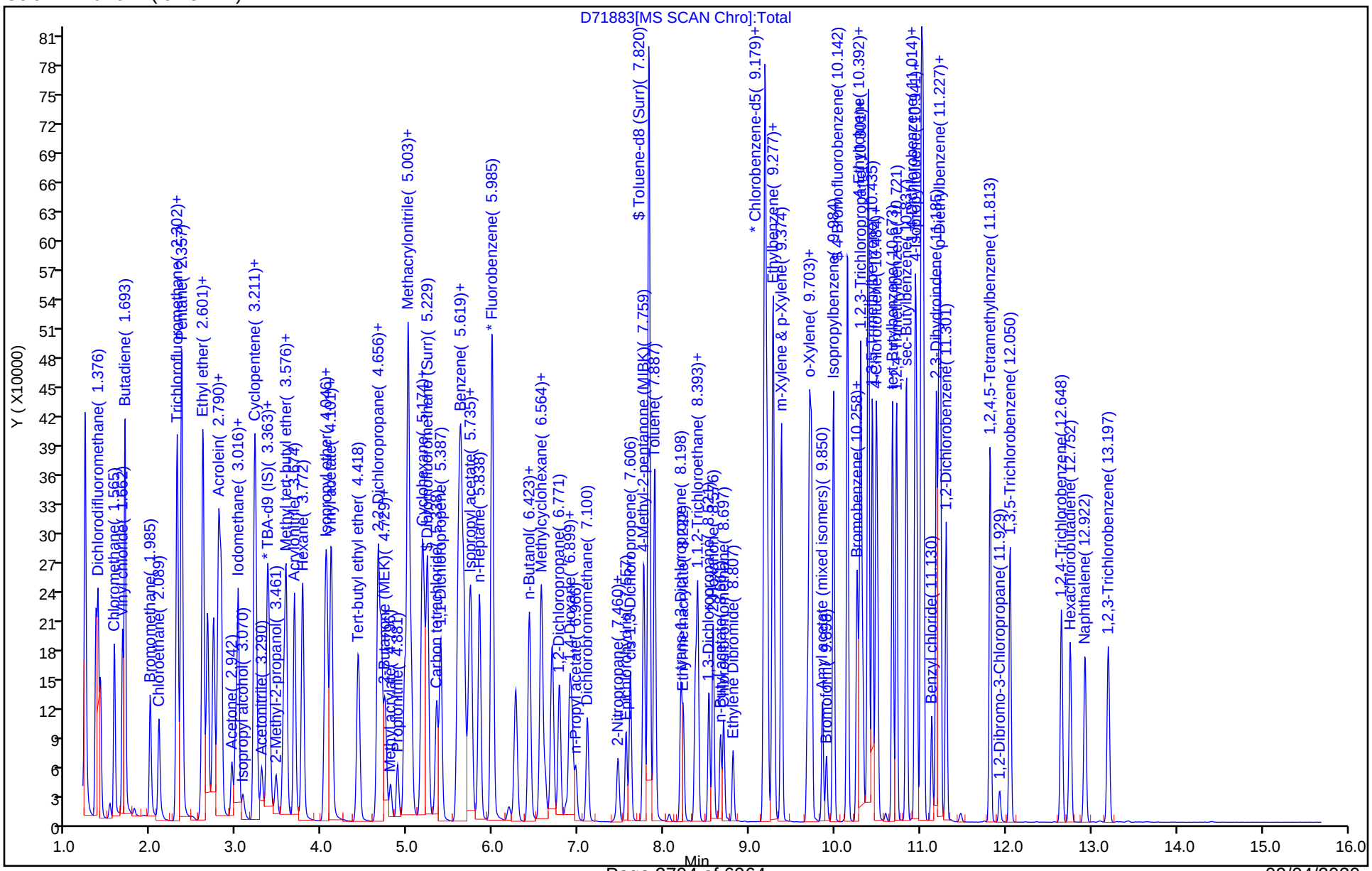
Report Date: 02-Sep-2020 13:55:56 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200831-116029.b\D71883.D

Injection Date:	31-Aug-2020 05:30:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720746/4

Matrix: Solid Lab File ID: K18628.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0219		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0175		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0253		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0188		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0212		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0225		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0198		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0206		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0173		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0192		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0190		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0191		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0198		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0197		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0900		0.0050	0.0027
591-78-6	2-Hexanone	0.0973		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0981		0.0050	0.0016
67-64-1	Acetone	0.0918		0.0060	0.0057
71-43-2	Benzene	0.0201		0.0010	0.00026
75-25-2	Bromoform	0.0170		0.0010	0.00043
74-83-9	Bromomethane	0.0198		0.0010	0.00047
75-15-0	Carbon disulfide	0.0216		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0218		0.0010	0.00039
108-90-7	Chlorobenzene	0.0191		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0200		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0174		0.0010	0.00019
75-00-3	Chloroethane	0.0207		0.0010	0.00052
67-66-3	Chloroform	0.0206		0.0010	0.00032
74-87-3	Chloromethane	0.0213		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0200		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0188		0.0010	0.00027
110-82-7	Cyclohexane	0.0238		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0182		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0234		0.0010	0.00034
100-41-4	Ethylbenzene	0.0193		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720746/4

Matrix: Solid Lab File ID: K18628.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2020 05:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 720746 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0186		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0206		0.0010	0.00013
79-20-9	Methyl acetate	0.0361		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0206		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0237		0.0010	0.00050
75-09-2	Methylene Chloride	0.0187		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0190		0.0010	0.00017
95-47-6	o-Xylene	0.0189		0.0010	0.00019
100-42-5	Styrene	0.0193		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0201		0.0010	0.00014
108-88-3	Toluene	0.0193		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0213		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0184		0.0010	0.00027
79-01-6	Trichloroethene	0.0198		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0228		0.0010	0.00041
75-01-4	Vinyl chloride	0.0219		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0378		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-145
460-00-4	4-Bromofluorobenzene	104		79-125
1868-53-7	Dibromofluoromethane (Surr)	107		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18628.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 31-Aug-2020 05:32:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0116031-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Aug-2020 16:52:03 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 31-Aug-2020 16:52:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.128	1.139	-0.011	86	118070	20.0	23.4	
6 Chloromethane	50	1.248	1.254	-0.006	99	151525	20.0	21.3	
7 Butadiene	54	1.287	1.287	0.000	98	96436	20.0	21.8	
8 Vinyl chloride	62	1.308	1.319	-0.011	98	107236	20.0	21.9	
9 Bromomethane	94	1.494	1.494	0.000	99	66502	20.0	19.8	
10 Chloroethane	64	1.527	1.527	0.000	100	52070	20.0	20.7	
11 Dichlorofluoromethane	67	1.669	1.674	-0.005	98	131194	20.0	21.0	
13 Pentane	72	1.707	1.707	0.000	97	23659	40.0	45.5	
12 Trichlorofluoromethane	101	1.723	1.723	0.000	91	107521	20.0	22.8	
15 Ethyl ether	59	1.832	1.843	-0.011	97	53204	20.0	20.8	
16 2-Methyl-1,3-butadiene	53	1.854	1.860	-0.006	93	68096	20.0	22.5	M
14 Ethanol	46	1.843	1.876	-0.033	68	17936	800.0	712.3	
19 Acrolein	56	1.930	1.930	0.000	96	135328	300.0	283.9	
21 1,1-Dichloroethene	96	2.007	2.007	0.000	96	66655	20.0	22.5	
22 Acetone	43	2.029	2.034	-0.005	83	101546	100.0	91.8	
20 112TCTFE	101	2.040	2.045	-0.005	69	76276	20.0	25.3	
23 Iodomethane	142	2.111	2.121	-0.010	98	132198	20.0	20.8	
24 Isopropyl alcohol	45	2.149	2.149	0.000	96	67787	200.0	164.9	
25 Carbon disulfide	76	2.171	2.176	-0.005	99	285581	20.0	21.6	M
26 3-Chloro-1-propene	39	2.242	2.247	-0.005	86	97462	20.0	20.6	a
27 Methyl acetate	43	2.252	2.252	0.000	100	102229	40.0	36.1	
29 Acetonitrile	41	2.296	2.302	-0.006	24	51287	200.0	153.7	a
28 Cyclopentene	67	2.307	2.307	0.000	91	193097	20.0	22.5	
31 Methylene Chloride	84	2.329	2.334	-0.005	96	83358	20.0	18.7	
* 30 TBA-d9 (IS)	65	2.400	2.400	0.000	97	380155	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.449	2.449	0.000	91	95338	200.0	169.7	a
35 Acrylonitrile	53	2.503	2.503	0.000	95	261146	200.0	193.6	
34 trans-1,2-Dichloroethene	96	2.531	2.531	0.000	97	71626	20.0	21.3	
33 Methyl tert-butyl ether	73	2.547	2.547	0.000	97	185401	20.0	20.6	
36 Hexane	43	2.733	2.733	0.000	93	71621	20.0	23.2	
38 1,1-Dichloroethane	63	2.847	2.847	0.000	99	139562	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.880	2.885	-0.005	100	20913	40.0	25.1	
37 Isopropyl ether	45	2.918	2.924	-0.006	88	256361	20.0	21.3	
40 2-Chloro-1,3-butadiene	88	2.918	2.924	-0.006	91	66483	20.0	21.6	
41 Tert-butyl ethyl ether	59	3.207	3.218	-0.011	91	241284	20.0	22.5	
* 42 2-Butanone-d5	46	3.284	3.284	0.000	95	259970	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.322	3.322	0.000	95	80192	20.0	20.0	
46 2-Butanone (MEK)	72	3.338	3.333	0.005	98	34811	100.0	90.0	
43 2,2-Dichloropropane	79	3.338	3.344	-0.006	83	34165	20.0	20.7	
45 Ethyl acetate	70	3.382	3.382	0.000	98	11636	40.0	34.8	
48 Propionitrile	54	3.387	3.387	0.000	95	101391	200.0	167.0	a
47 Methyl acrylate	55	3.415	3.415	0.000	98	67864	20.0	19.8	a
51 Methacrylonitrile	67	3.518	3.513	0.005	94	248133	200.0	184.6	
50 Chlorobromomethane	128	3.529	3.529	0.000	95	38274	20.0	20.0	
49 Tetrahydrofuran	72	3.584	3.578	0.006	82	17428	40.0	40.6	
52 Chloroform	83	3.600	3.606	-0.006	99	128576	20.0	20.6	
$ 55 Dibromofluoromethane (Surr)	113	3.747	3.747	0.000	97	182235	50.0	53.7	
54 1,1,1-Trichloroethane	97	3.775	3.780	-0.005	98	109356	20.0	21.9	
53 Cyclohexane	84	3.846	3.846	0.000	93	119701	20.0	23.8	
57 1,1-Dichloropropene	75	3.922	3.922	0.000	97	93552	20.0	20.3	
56 Carbon tetrachloride	117	3.938	3.938	0.000	99	93084	20.0	21.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.058	4.058	0.000	0	188667	50.0	53.9	
58 Isobutyl alcohol	74	4.108	4.113	-0.005	94	22763	500.0	341.5	a
60 Benzene	78	4.118	4.118	0.000	95	274487	20.0	20.1	
64 1,2-Dichloroethane	62	4.129	4.135	-0.006	97	84328	20.0	19.0	
59 Isooctane	57	4.217	4.217	0.000	91	324119	20.0	24.8	
62 Isopropyl acetate	43	4.222	4.217	0.005	67	254531	20.0	19.7	a
63 Tert-amyl methyl ether	87	4.244	4.260	-0.016	97	57748	20.0	20.1	
* 66 Fluorobenzene	96	4.397	4.397	0.000	98	498964	50.0	50.0	
65 n-Heptane	57	4.408	4.402	0.006	95	74952	20.0	11.9	
68 n-Butanol	56	4.751	4.757	-0.006	92	45765	500.0	312.4	
69 Trichloroethene	95	4.779	4.779	0.000	99	63202	20.0	19.8	
70 Ethyl acrylate	56	4.921	4.921	0.000	98	8491	20.0	17.2	
71 Methylcyclohexane	83	5.002	5.002	0.000	94	140479	20.0	23.7	
72 1,2-Dichloropropane	63	5.019	5.019	0.000	82	65532	20.0	19.1	
* 73 1,4-Dioxane-d8	96	5.139	5.133	0.006	52	32141	1000.0	1000.0	
77 Dibromomethane	93	5.144	5.150	-0.006	97	37266	20.0	18.6	
74 Methyl methacrylate	69	5.182	5.182	0.000	94	65012	40.0	36.0	
75 1,4-Dioxane	88	5.210	5.193	0.017	69	17190	400.0	389.0	
76 n-Propyl acetate	43	5.270	5.270	0.000	99	68366	20.0	16.4	
78 Dichlorobromomethane	83	5.341	5.341	0.000	99	76395	20.0	18.2	
79 2-Nitropropane	41	5.614	5.614	0.000	98	20659	40.0	28.0	
67 2-Chloroethyl vinyl ether	63	5.723	5.723	0.000	94	13511	20.0	24.7	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	103358	400.0	379.4	
81 cis-1,3-Dichloropropene	75	5.881	5.881	0.000	94	84421	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.105	6.105	0.000	98	295554	100.0	98.1	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	547349	50.0	50.8	
84 Toluene	91	6.296	6.296	0.000	94	232743	20.0	19.3	
85 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	97	67039	20.0	18.4	
86 Ethyl methacrylate	69	6.781	6.781	0.000	91	59558	20.0	17.8	
87 1,1,2-Trichloroethane	83	6.836	6.836	0.000	96	37506	20.0	18.8	
88 Tetrachloroethene	166	7.016	7.016	0.000	96	56361	20.0	20.1	
89 1,3-Dichloropropane	76	7.059	7.059	0.000	95	72840	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.229	7.229	0.000	98	168914	100.0	97.3	
92 Chlorodibromomethane	129	7.360	7.360	0.000	98	47156	20.0	17.4	
91 n-Butyl acetate	43	7.452	7.452	0.000	99	75601	20.0	17.4	
93 Ethylene Dibromide	107	7.496	7.496	0.000	98	42366	20.0	18.6	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	341010	50.0	50.0	
95 Chlorobenzene	112	8.227	8.227	0.000	94	139260	20.0	19.1	
97 1,1,1,2-Tetrachloroethane	131	8.374	8.374	0.000	94	61408	20.0	18.6	
96 Ethylbenzene	106	8.429	8.429	0.000	99	77764	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.620	8.620	0.000	0	95900	20.0	19.0	
100 o-Xylene	106	9.220	9.215	0.005	92	102001	20.0	18.9	
101 Styrene	104	9.242	9.242	0.000	93	150995	20.0	19.3	
99 n-Butyl acrylate	73	9.280	9.280	0.000	96	38917	20.0	18.5	
103 Bromoform	173	9.482	9.482	0.000	97	31304	20.0	17.0	
102 Amyl acetate (mixed isomers)	43	9.673	9.673	0.000	89	92490	20.0	17.1	
104 Isopropylbenzene	105	9.831	9.831	0.000	96	285343	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	92	167880	50.0	52.1	
106 Bromobenzene	156	10.235	10.235	0.000	98	62239	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	98	67643	20.0	17.5	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	97	17008	20.0	18.0	
110 trans-1,4-Dichloro-2-butene	53	10.432	10.437	-0.005	87	14990	20.0	17.6	
108 N-Propylbenzene	91	10.502	10.497	0.005	98	330732	20.0	19.9	
111 2-Chlorotoluene	91	10.584	10.584	0.000	97	194397	20.0	19.1	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	262214	20.0	20.1	
114 4-Chlorotoluene	91	10.770	10.770	0.000	96	192070	20.0	19.7	M
113 1,3,5-Trimethylbenzene	105	10.813	10.813	0.000	92	241879	20.0	19.3	
115 Butyl Methacrylate	87	11.081	11.081	0.000	93	71404	20.0	17.9	
116 tert-Butylbenzene	119	11.321	11.321	0.000	93	189588	20.0	15.5	
117 1,2,4-Trimethylbenzene	105	11.392	11.392	0.000	98	244952	20.0	19.1	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	316748	20.0	20.1	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	124716	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	196670	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.845	11.845	0.000	94	123152	20.0	19.7	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	269202	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	259324	20.0	19.5	
124 Benzyl chloride	91	12.036	12.036	0.000	98	94380	20.0	17.2	
125 2,3-Dihydroindene	117	12.161	12.156	0.005	94	236736	20.0	19.4	
128 1,2-Dichlorobenzene	146	12.287	12.287	0.000	96	131933	20.0	19.2	
126 p-Diethylbenzene	119	12.314	12.314	0.000	93	142914	20.0	21.4	
127 n-Butylbenzene	92	12.341	12.341	0.000	99	152782	20.0	22.2	
130 1,2-Dibromo-3-Chloropropane	157	13.132	13.132	0.000	92	15565	20.0	17.3	
129 1,2,4,5-Tetramethylbenzene	119	13.138	13.143	-0.005	97	284800	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	13.345	13.351	-0.006	97	127728	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	13.918	13.924	-0.006	93	123385	20.0	20.6	
133 Hexachlorobutadiene	225	14.098	14.104	-0.006	96	62097	20.0	20.7	
134 Naphthalene	128	14.125	14.131	-0.006	99	286952	20.0	19.3	
135 1,2,3-Trichlorobenzene	180	14.344	14.349	-0.005	95	127285	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 137 Xylenes, Total	100				0		40.0	37.8	
S 139 Total BTEX	1				0		100.0	96.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Aug-2020 16:52:04 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18628.D

Injection Date: 31-Aug-2020 05:32:30 Instrument ID: CVOAMS9 Operator ID:

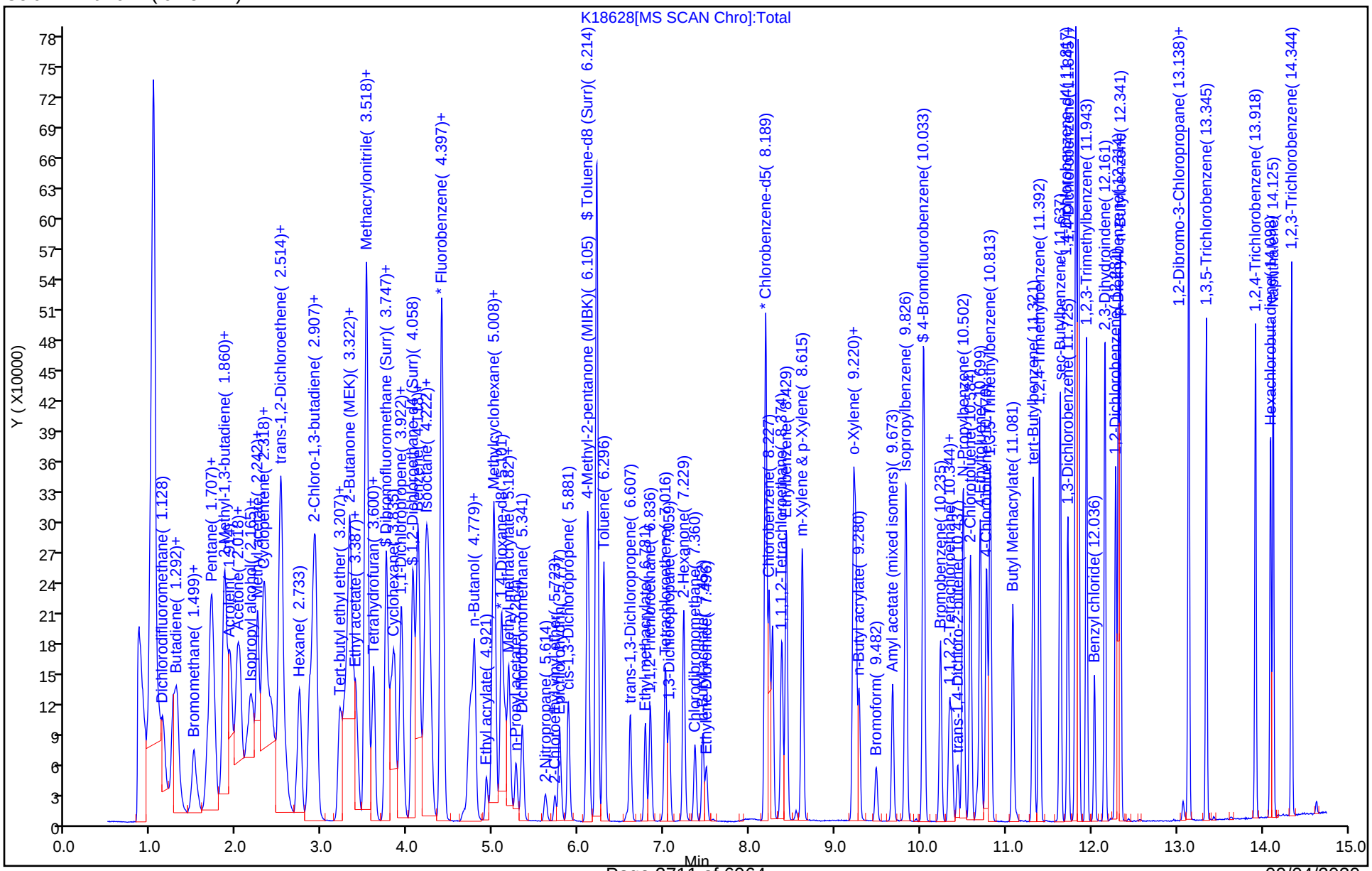
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

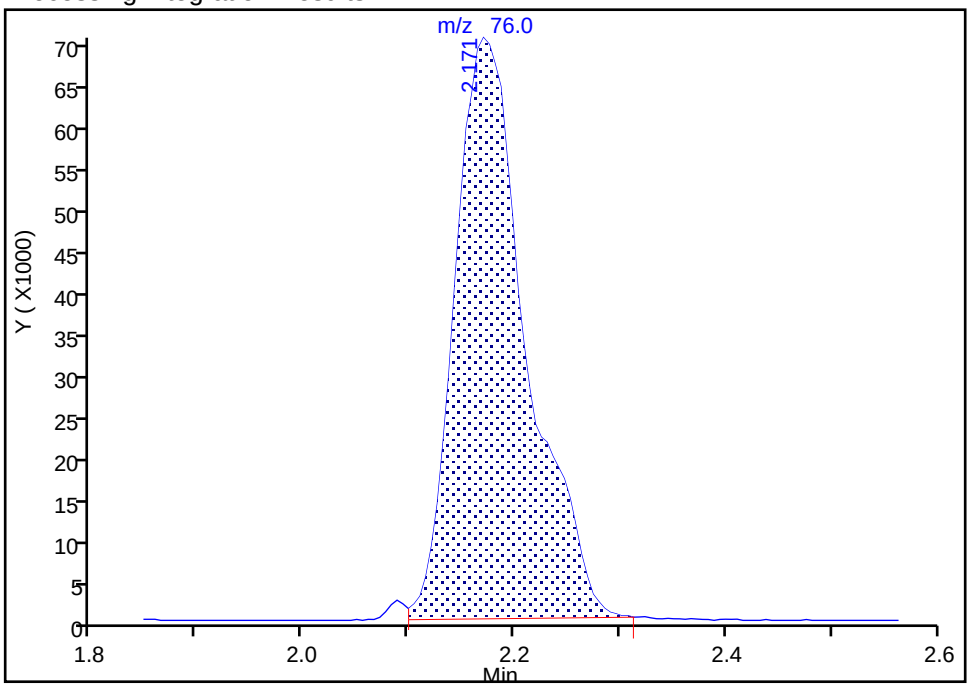
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18628.D
Injection Date: 31-Aug-2020 05:32:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

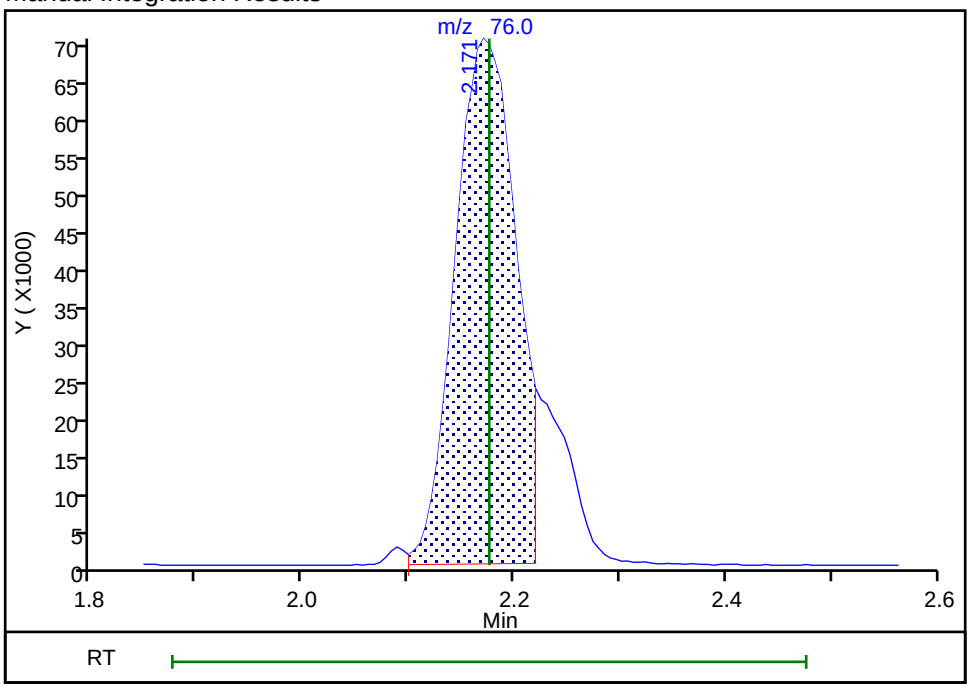
Processing Integration Results

RT: 2.17
Area: 332797
Amount: 25.169538
Amount Units: ug/l



Manual Integration Results

RT: 2.17
Area: 285581
Amount: 21.598577
Amount Units: ug/l



Reviewer: delpolitov, 31-Aug-2020 16:51:25
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

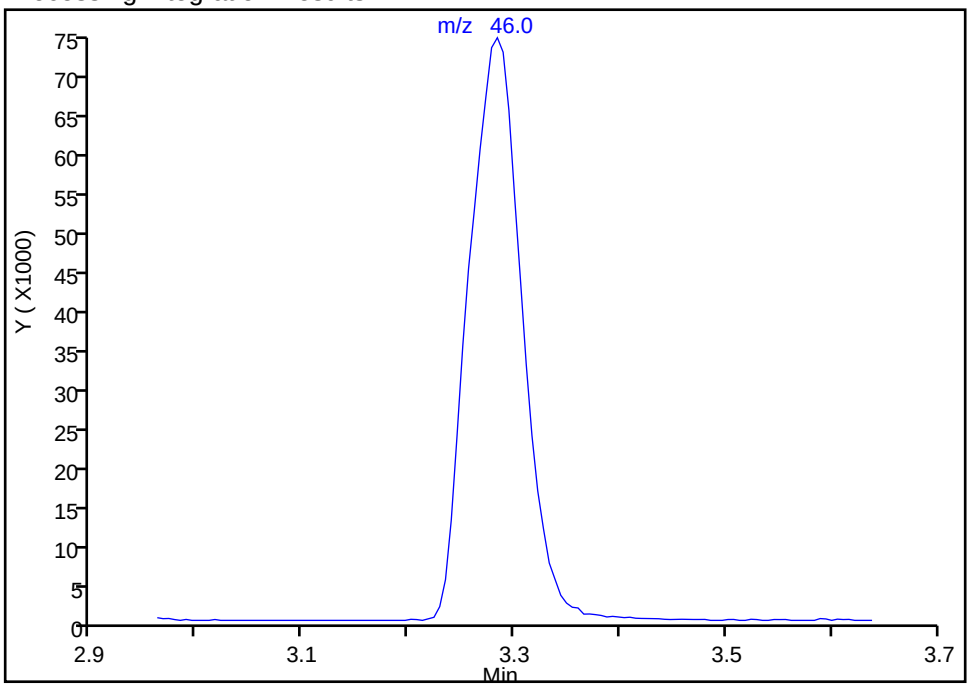
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200831-116031.b\K18628.D
Injection Date: 31-Aug-2020 05:32:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

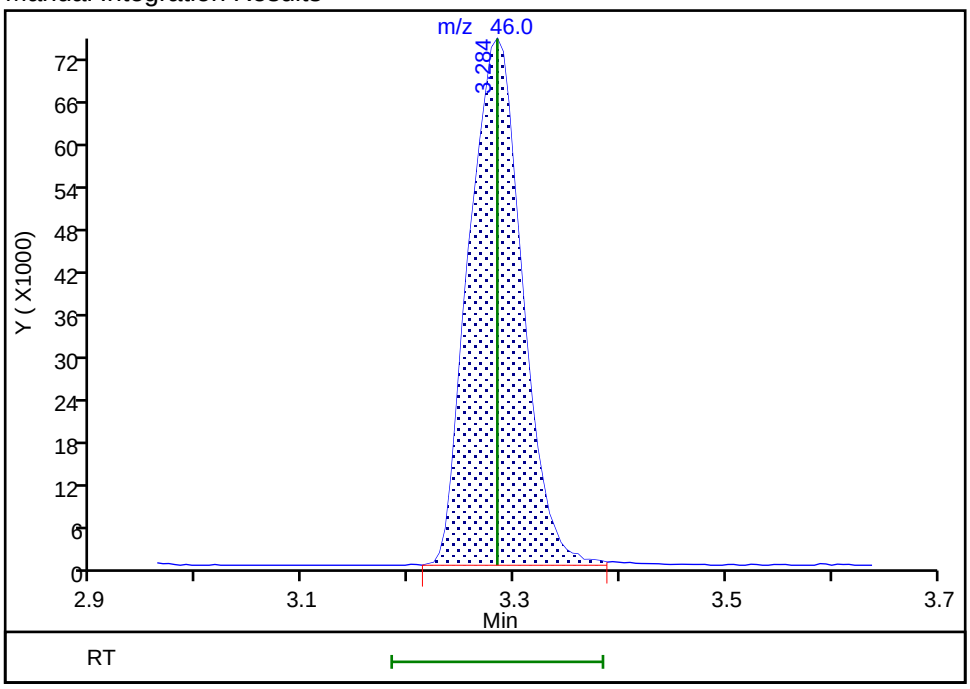
Not Detected
Expected RT: 3.28

Processing Integration Results



Manual Integration Results

RT: 3.28
Area: 259970
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 31-Aug-2020 05:51:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721040/7

Matrix: Solid Lab File ID: K18658.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0221		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0192		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0244		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0185		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0206		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0224		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0212		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0218		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0210		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0200		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0181		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0188		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0204		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0205		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0908		0.0050	0.0027
591-78-6	2-Hexanone	0.111		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.104		0.0050	0.0016
67-64-1	Acetone	0.0941		0.0060	0.0057
71-43-2	Benzene	0.0192		0.0010	0.00026
75-25-2	Bromoform	0.0185		0.0010	0.00043
74-83-9	Bromomethane	0.0212		0.0010	0.00047
75-15-0	Carbon disulfide	0.0209		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0218		0.0010	0.00039
108-90-7	Chlorobenzene	0.0194		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0196		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0176		0.0010	0.00019
75-00-3	Chloroethane	0.0220		0.0010	0.00052
67-66-3	Chloroform	0.0203		0.0010	0.00032
74-87-3	Chloromethane	0.0227		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0201		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0182		0.0010	0.00027
110-82-7	Cyclohexane	0.0237		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0180		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0252		0.0010	0.00034
100-41-4	Ethylbenzene	0.0198		0.0010	0.00020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721040/7

Matrix: Solid Lab File ID: K18658.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/01/2020 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721040 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0190		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0207		0.0010	0.00013
79-20-9	Methyl acetate	0.0352		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0204		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0236		0.0010	0.00050
75-09-2	Methylene Chloride	0.0177		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0197		0.0010	0.00017
95-47-6	o-Xylene	0.0194		0.0010	0.00019
100-42-5	Styrene	0.0200		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0208		0.0010	0.00014
108-88-3	Toluene	0.0195		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0222		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0178		0.0010	0.00027
79-01-6	Trichloroethene	0.0200		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0245		0.0010	0.00041
75-01-4	Vinyl chloride	0.0237		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0391		0.0020	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-145
460-00-4	4-Bromofluorobenzene	104		79-125
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18658.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 01-Sep-2020 10:34:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0116107-007
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 12:54:06 Calib Date: 26-Aug-2020 22:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20200826-115799.b\K18455.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1054

First Level Reviewer: starzecm Date: 01-Sep-2020 12:13:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.167	1.139	0.028	85	134297	20.0	25.2	
6 Chloromethane	50	1.270	1.249	0.022	99	169999	20.0	22.7	
7 Butadiene	54	1.303	1.287	0.016	96	110015	20.0	23.6	
8 Vinyl chloride	62	1.336	1.314	0.022	98	122302	20.0	23.7	
9 Bromomethane	94	1.516	1.489	0.027	98	75363	20.0	21.2	
10 Chloroethane	64	1.543	1.532	0.011	82	58384	20.0	22.0	
11 Dichlorofluoromethane	67	1.685	1.669	0.016	99	147820	20.0	22.4	
13 Pentane	72	1.729	1.707	0.022	96	24876	40.0	43.4	
12 Trichlorofluoromethane	101	1.740	1.718	0.022	97	121962	20.0	24.5	
15 Ethyl ether	59	1.854	1.843	0.011	93	53946	20.0	20.0	
16 2-Methyl-1,3-butadiene	53	1.881	1.865	0.016	86	72059	20.0	22.6	M
14 Ethanol	46	1.881	1.925	-0.044	71	22219	800.0	799.5	a
19 Acrolein	56	1.947	1.931	0.016	96	144906	300.0	275.4	
21 1,1-Dichloroethene	96	2.023	2.012	0.011	97	70168	20.0	22.4	
22 Acetone	43	2.045	2.040	0.005	86	114646	100.0	94.1	
20 112TCTFE	101	2.061	2.051	0.010	71	77512	20.0	24.4	
23 Iodomethane	142	2.132	2.116	0.016	98	135307	20.0	20.1	
24 Isopropyl alcohol	45	2.171	2.160	0.011	96	69399	200.0	153.0	
25 Carbon disulfide	76	2.181	2.165	0.016	99	292156	20.0	20.9	M
26 3-Chloro-1-propene	39	2.258	2.242	0.016	90	108959	20.0	21.9	a
27 Methyl acetate	43	2.274	2.258	0.016	99	110145	40.0	35.2	
29 Acetonitrile	41	2.296	2.280	0.016	27	54821	200.0	148.8	M
28 Cyclopentene	67	2.323	2.312	0.011	93	207867	20.0	23.0	
31 Methylene Chloride	84	2.356	2.334	0.022	95	83375	20.0	17.7	
* 30 TBA-d9 (IS)	65	2.416	2.400	0.016	98	419614	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.460	2.465	-0.005	93	118023	200.0	190.4	a
35 Acrylonitrile	53	2.520	2.503	0.017	96	274413	200.0	192.7	
34 trans-1,2-Dichloroethene	96	2.547	2.531	0.016	98	78590	20.0	22.2	
33 Methyl tert-butyl ether	73	2.563	2.547	0.016	96	193795	20.0	20.4	
36 Hexane	43	2.749	2.744	0.005	93	72145	20.0	22.2	
38 1,1-Dichloroethane	63	2.858	2.842	0.016	99	143151	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	2.891	2.891	0.000	100	22146	40.0	24.1	
37 Isopropyl ether	45	2.934	2.918	0.016	92	255796	20.0	20.2	
40 2-Chloro-1,3-butadiene	88	2.929	2.924	0.005	86	70913	20.0	21.8	
41 Tert-butyl ethyl ether	59	3.229	3.207	0.022	88	251396	20.0	22.2	
* 42 2-Butanone-d5	46	3.295	3.289	0.006	96	286303	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.333	3.322	0.011	96	85019	20.0	20.1	
46 2-Butanone (MEK)	72	3.338	3.338	0.000	98	38659	100.0	90.8	a
43 2,2-Dichloropropane	79	3.355	3.349	0.006	68	37635	20.0	21.6	
48 Propionitrile	54	3.404	3.393	0.011	97	107254	200.0	160.0	a
45 Ethyl acetate	70	3.393	3.404	-0.011	99	13287	40.0	36.0	
47 Methyl acrylate	55	3.420	3.426	-0.006	98	71805	20.0	19.9	a
51 Methacrylonitrile	67	3.524	3.524	0.000	93	267004	200.0	188.2	
50 Chlorobromomethane	128	3.540	3.529	0.011	94	39585	20.0	19.6	
49 Tetrahydrofuran	72	3.595	3.584	0.011	83	18305	40.0	38.8	
52 Chloroform	83	3.617	3.606	0.011	99	133793	20.0	20.3	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.753	0.005	97	186279	50.0	52.0	
54 1,1,1-Trichloroethane	97	3.797	3.786	0.011	99	116502	20.0	22.1	
53 Cyclohexane	84	3.851	3.846	0.005	92	125807	20.0	23.7	
57 1,1-Dichloropropene	75	3.933	3.922	0.011	97	102373	20.0	21.0	
56 Carbon tetrachloride	117	3.949	3.938	0.011	98	98051	20.0	21.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.064	0.005	0	186576	50.0	50.5	
58 Isobutyl alcohol	74	4.119	4.119	-0.001	96	25466	500.0	346.1	a
60 Benzene	78	4.124	4.119	0.005	94	288638	20.0	19.2	
64 1,2-Dichloroethane	62	4.140	4.140	0.000	97	84589	20.0	18.1	
59 Isooctane	57	4.222	4.211	0.011	95	339919	20.0	24.6	
62 Isopropyl acetate	43	4.233	4.233	0.000	95	279756	20.0	20.5	a
63 Tert-amyl methyl ether	87	4.266	4.255	0.011	97	59987	20.0	19.8	
* 66 Fluorobenzene	96	4.402	4.402	0.000	98	526751	50.0	50.0	
65 n-Heptane	57	4.408	4.413	-0.005	93	79945	20.0	12.0	
68 n-Butanol	56	4.762	4.751	0.011	92	60974	500.0	376.7	
69 Trichloroethene	95	4.790	4.790	0.000	98	67477	20.0	20.0	
70 Ethyl acrylate	56	4.926	4.915	0.011	98	9172	20.0	17.6	
71 Methylcyclohexane	83	5.013	5.002	0.011	94	147883	20.0	23.6	
72 1,2-Dichloropropane	63	5.030	5.030	0.000	91	67935	20.0	18.8	
77 Dibromomethane	93	5.150	5.150	0.000	97	38998	20.0	18.4	
* 73 1,4-Dioxane-d8	96	5.150	5.155	-0.005	94	34751	1000.0	1000.0	
74 Methyl methacrylate	69	5.188	5.183	0.005	93	72064	40.0	37.8	
75 1,4-Dioxane	88	5.204	5.226	-0.022	93	19554	400.0	408.8	
76 n-Propyl acetate	43	5.275	5.264	0.011	99	80180	20.0	18.2	
78 Dichlorobromomethane	83	5.346	5.341	0.005	99	79632	20.0	18.0	
79 2-Nitropropane	41	5.614	5.614	0.000	98	23063	40.0	29.7	
67 2-Chloroethyl vinyl ether	63	5.728	5.723	0.005	94	14062	20.0	24.4	
80 Epichlorohydrin	57	5.783	5.777	0.006	100	117345	400.0	391.1	
81 cis-1,3-Dichloropropene	75	5.886	5.881	0.005	93	89847	20.0	18.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.110	6.110	0.000	97	343547	100.0	103.6	
$ 83 Toluene-d8 (Surr)	98	6.214	6.214	0.000	99	595568	50.0	50.3	
84 Toluene	91	6.301	6.296	0.005	94	258882	20.0	19.5	
85 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	97	71526	20.0	17.8	
86 Ethyl methacrylate	69	6.781	6.781	0.000	90	68557	20.0	18.6	
87 1,1,2-Trichloroethane	83	6.841	6.841	0.000	95	40555	20.0	18.5	
88 Tetrachloroethene	166	7.021	7.016	0.005	97	63876	20.0	20.8	
89 1,3-Dichloropropane	76	7.059	7.060	-0.001	95	77391	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.234	7.229	0.005	97	211840	100.0	110.8	
92 Chlorodibromomethane	129	7.365	7.360	0.005	99	52293	20.0	17.6	
91 n-Butyl acetate	43	7.452	7.452	0.000	98	92921	20.0	19.5	
93 Ethylene Dibromide	107	7.496	7.496	0.000	97	47519	20.0	19.0	
* 94 Chlorobenzene-d5	117	8.189	8.189	0.000	86	374768	50.0	50.0	
95 Chlorobenzene	112	8.233	8.227	0.006	94	155675	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	0.000	95	64894	20.0	17.9	
96 Ethylbenzene	106	8.434	8.435	-0.001	99	88121	20.0	19.8	
98 m-Xylene & p-Xylene	106	8.620	8.615	0.005	0	109457	20.0	19.7	
100 o-Xylene	106	9.220	9.220	0.000	93	115292	20.0	19.4	
101 Styrene	104	9.242	9.242	0.000	95	172322	20.0	20.0	
99 n-Butyl acrylate	73	9.286	9.280	0.006	96	48215	20.0	20.9	
103 Bromoform	173	9.482	9.482	0.000	97	37378	20.0	18.5	
102 Amyl acetate (mixed isomers)	43	9.673	9.673	0.000	89	114754	20.0	19.2	
104 Isopropylbenzene	105	9.831	9.826	0.005	96	316145	20.0	20.7	
$ 105 4-Bromofluorobenzene	174	10.039	10.039	0.000	91	184476	50.0	52.1	
106 Bromobenzene	156	10.241	10.235	0.006	98	69518	20.0	18.6	
107 1,1,2,2-Tetrachloroethane	83	10.339	10.339	0.000	98	82136	20.0	19.2	
109 1,2,3-Trichloropropane	110	10.366	10.366	0.000	98	19735	20.0	18.9	
110 trans-1,4-Dichloro-2-butene	53	10.437	10.432	0.005	88	17944	20.0	19.1	
108 N-Propylbenzene	91	10.502	10.503	0.000	99	374798	20.0	20.4	
111 2-Chlorotoluene	91	10.584	10.584	0.000	96	219982	20.0	19.6	
112 4-Ethyltoluene	105	10.699	10.699	0.000	99	300466	20.0	20.9	
114 4-Chlorotoluene	91	10.775	10.770	0.005	96	221375	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	10.819	10.819	0.000	92	267313	20.0	19.3	
115 Butyl Methacrylate	87	11.081	11.086	-0.005	92	84223	20.0	19.2	
116 tert-Butylbenzene	119	11.321	11.321	0.000	95	208339	20.0	15.4	
117 1,2,4-Trimethylbenzene	105	11.392	11.392	0.000	97	274160	20.0	19.4	
118 sec-Butylbenzene	105	11.637	11.637	0.000	99	349749	20.0	20.1	
120 1,3-Dichlorobenzene	146	11.725	11.725	0.000	96	141637	20.0	20.4	
* 121 1,4-Dichlorobenzene-d4	152	11.817	11.817	0.000	96	217156	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.850	11.845	0.005	71	141511	20.0	20.5	
119 4-Isopropyltoluene	119	11.850	11.850	0.000	98	300449	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	11.943	11.943	0.000	99	286841	20.0	19.5	
124 Benzyl chloride	91	12.036	12.036	0.000	98	120292	20.0	19.8	
125 2,3-Dihydroindene	117	12.161	12.161	0.000	95	270239	20.0	20.0	
128 1,2-Dichlorobenzene	146	12.292	12.287	0.005	96	151756	20.0	20.0	
126 p-Diethylbenzene	119	12.319	12.319	0.000	93	165511	20.0	22.4	
127 n-Butylbenzene	92	12.347	12.341	0.006	98	172487	20.0	22.7	
130 1,2-Dibromo-3-Chloropropane	157	13.149	13.143	0.006	94	20866	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	13.160	13.149	0.011	97	323084	20.0	21.6	
131 1,3,5-Trichlorobenzene	180	13.367	13.362	0.005	98	147947	20.0	23.0	
132 1,2,4-Trichlorobenzene	180	13.945	13.940	0.005	94	144008	20.0	21.8	
133 Hexachlorobutadiene	225	14.125	14.115	0.010	97	72211	20.0	21.8	
134 Naphthalene	128	14.153	14.147	0.006	99	365848	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	14.371	14.360	0.011	95	150499	20.0	21.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	97.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added:	2.00	Units: uL	
ACROLEIN W_00111	Amount Added:	3.00	Units: uL	
GASES Li_00383	Amount Added:	2.00	Units: uL	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 12:54:44 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18658.D

Injection Date: 01-Sep-2020 10:34:30 Instrument ID: CVOAMS9 Operator ID:

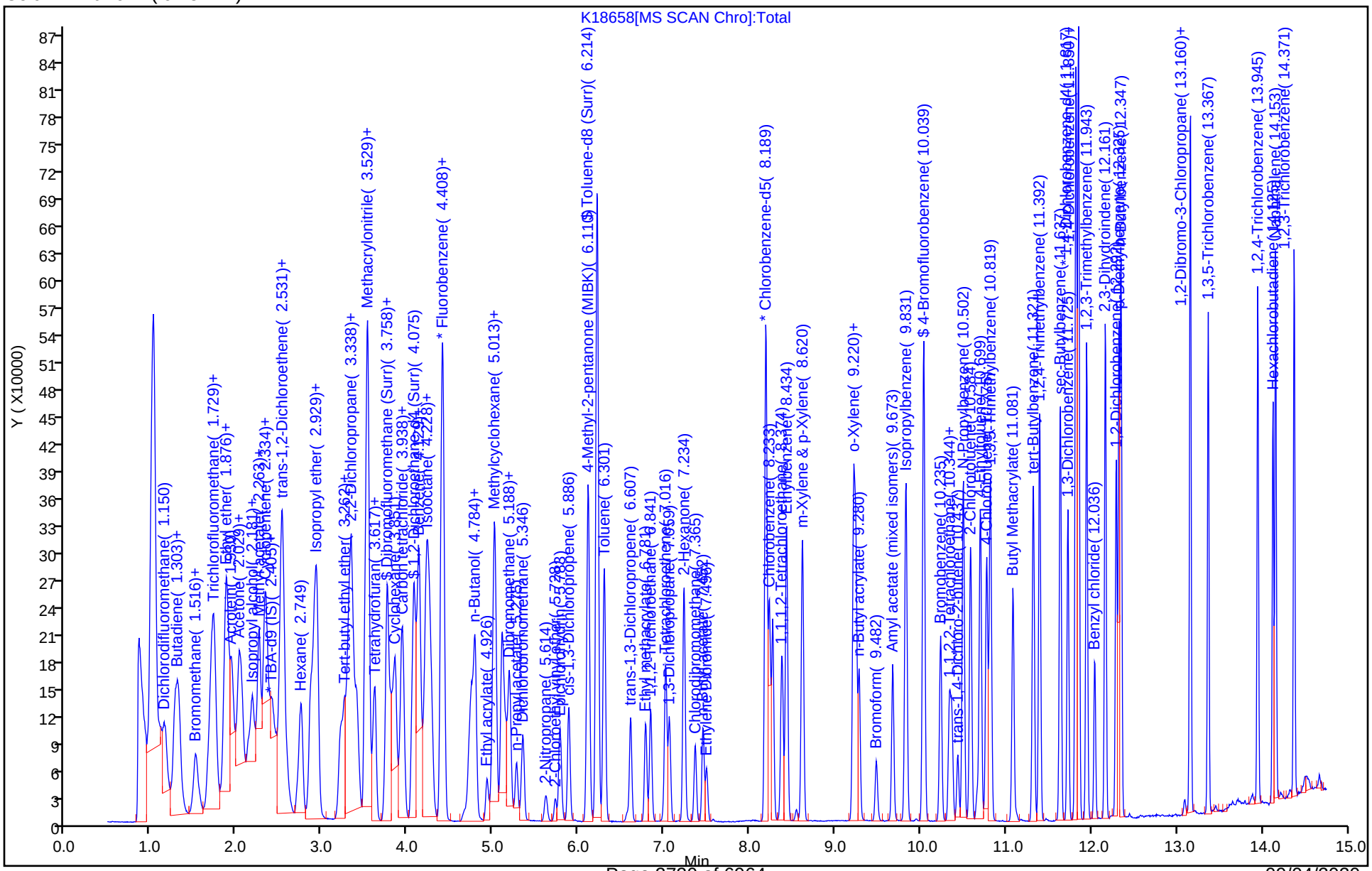
Lims ID: LCSD Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

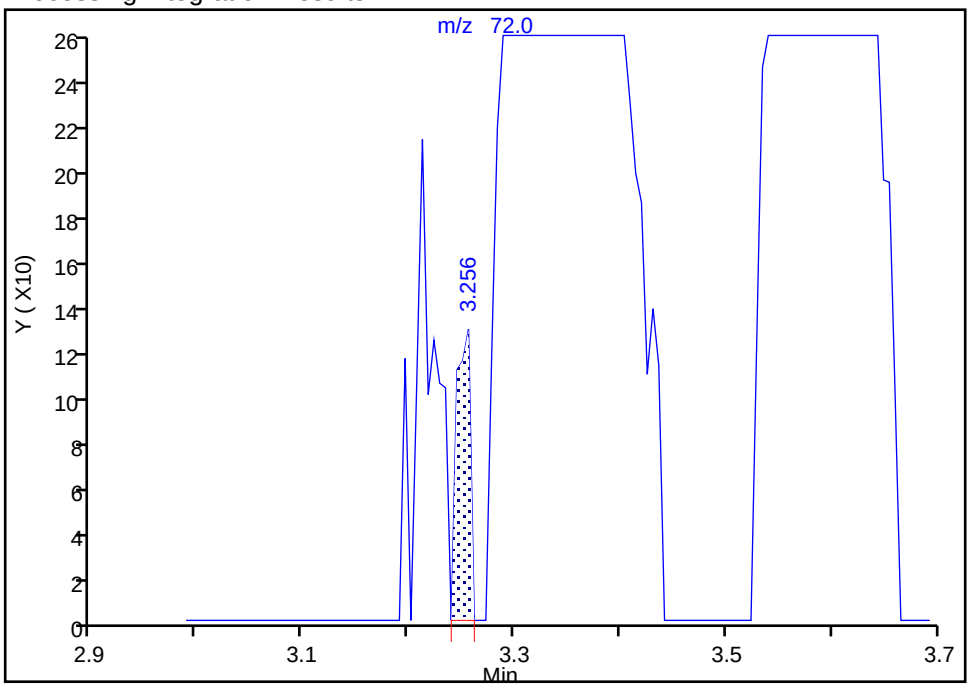
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18658.D
Injection Date: 01-Sep-2020 10:34:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

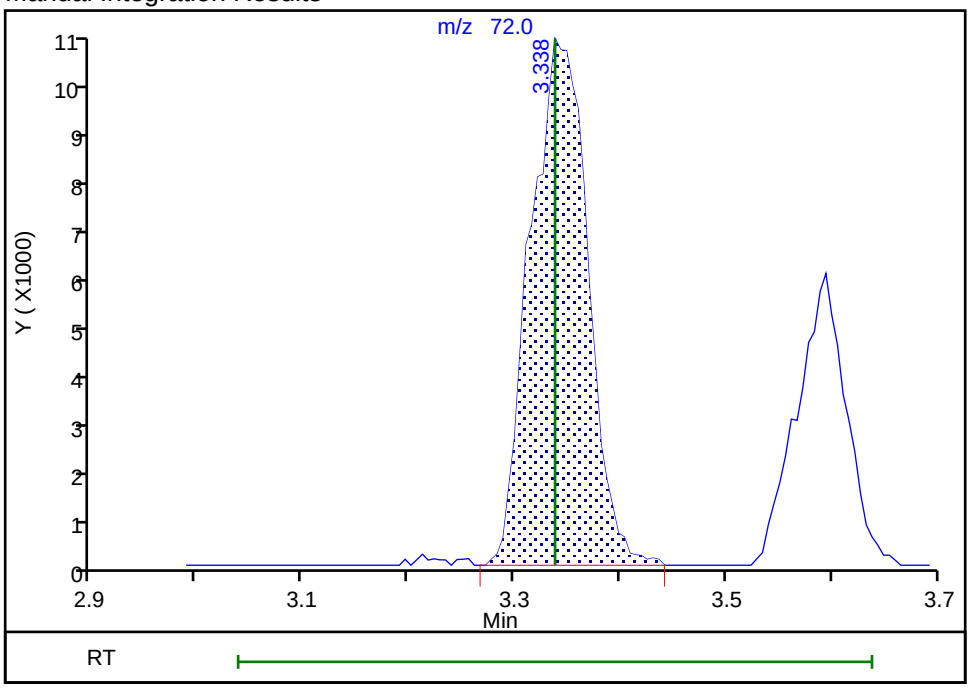
Processing Integration Results

RT: 3.26
Area: 116
Amount: 0.272443
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 38659
Amount: 90.796333
Amount Units: ug/l



Reviewer: parekhv, 01-Sep-2020 17:34:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

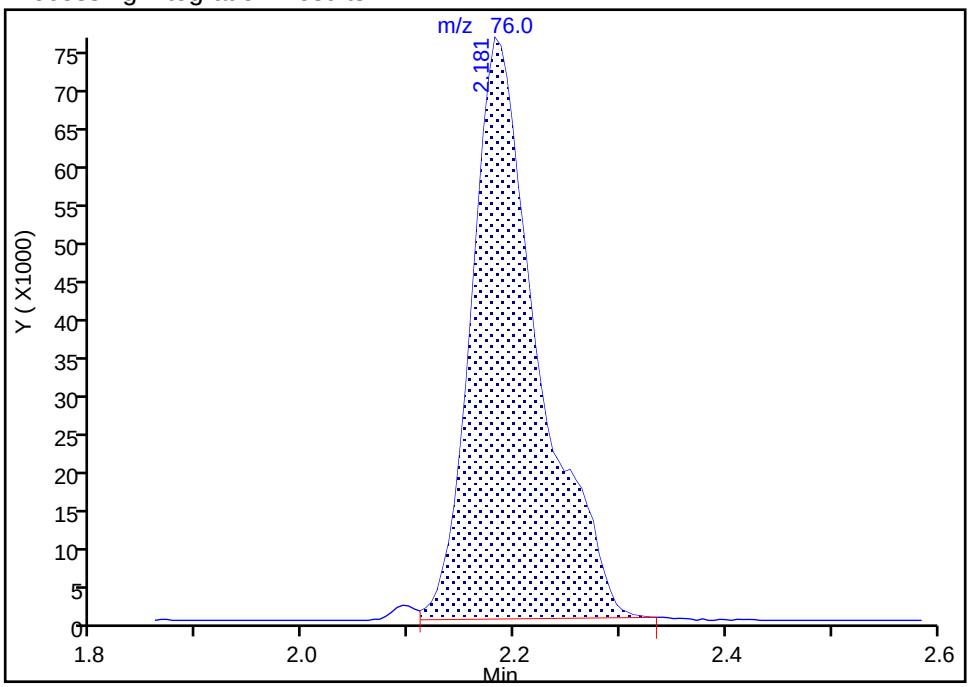
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20200901-116107.b\K18658.D
Injection Date: 01-Sep-2020 10:34:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

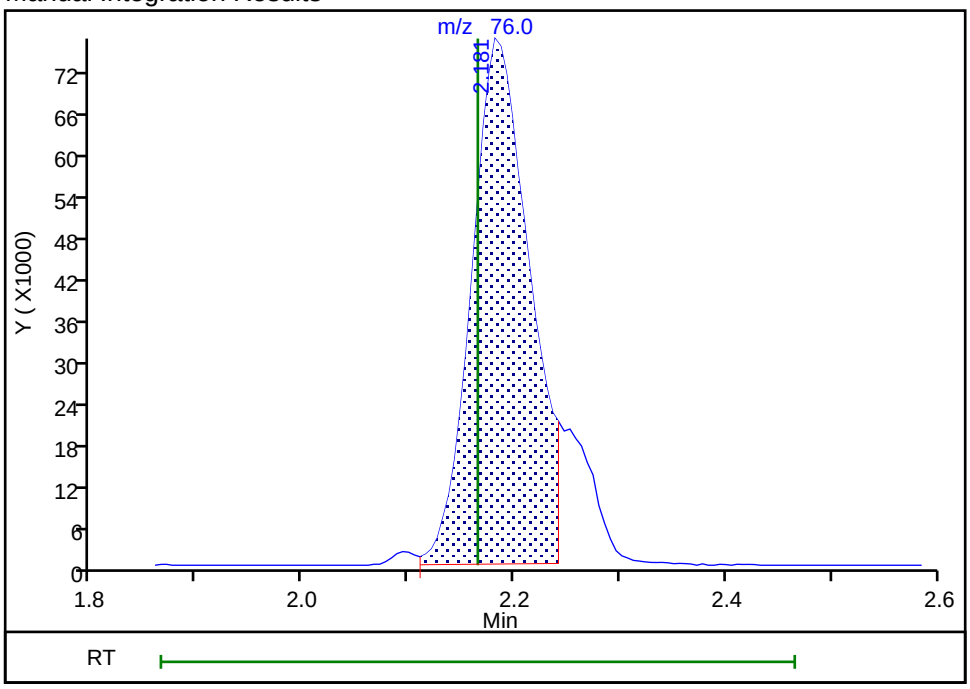
Processing Integration Results

RT: 2.18
Area: 332248
Amount: 23.802471
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 292156
Amount: 20.930253
Amount Units: ug/l



Reviewer: delpolitov, 02-Sep-2020 12:43:00
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721264/4

Matrix: Water Lab File ID: TT129120.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 07:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.43
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.43
107-06-2	1,2-Dichloroethane	18.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.7		1.0	0.33
78-93-3	2-Butanone (MEK)	96.3		5.0	1.9
591-78-6	2-Hexanone	88.1		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	96.2		5.0	1.3
67-64-1	Acetone	103		5.0	4.4
71-43-2	Benzene	22.5		1.0	0.20
75-25-2	Bromoform	17.9		1.0	0.54
74-83-9	Bromomethane	23.3		1.0	0.55
75-15-0	Carbon disulfide	20.1		1.0	0.82
56-23-5	Carbon tetrachloride	17.3		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	18.5		1.0	0.41
124-48-1	Chlorodibromomethane	18.5		1.0	0.28
75-00-3	Chloroethane	21.4		1.0	0.32
67-66-3	Chloroform	20.9		1.0	0.33
74-87-3	Chloromethane	20.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22
110-82-7	Cyclohexane	18.4		1.0	0.32
75-27-4	Dichlorobromomethane	18.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.31
100-41-4	Ethylbenzene	19.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721264/4

Matrix: Water Lab File ID: TT129120.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 07:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721264 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	20.8		1.0	0.34
79-20-9	Methyl acetate	45.1		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.3		1.0	0.47
108-87-2	Methylcyclohexane	17.5		1.0	0.26
75-09-2	Methylene Chloride	19.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
95-47-6	o-Xylene	20.5		1.0	0.36
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	18.5		1.0	0.25
108-88-3	Toluene	20.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.49
79-01-6	Trichloroethene	18.7		1.0	0.31
75-69-4	Trichlorofluoromethane	20.3		1.0	0.32
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	40.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129120.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Sep-2020 07:25:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0116143-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Sep-2020 15:50:47 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1025

First Level Reviewer: desais Date: 02-Sep-2020 09:56:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.220	1.214	0.006	71	7083	20.0	19.6	
3 Chlorotrifluoroethene	116	1.287	1.293	-0.006	58	28819	20.0	18.6	
2 1,1-Difluoroethane	51	1.293	1.293	0.000	96	87442	20.0	21.4	
4 Dichlorodifluoromethane	85	1.318	1.324	-0.006	99	106849	20.0	18.1	
5 Chlorodifluoromethane	51	1.330	1.336	-0.006	100	104906	20.0	19.1	
6 Chloromethane	50	1.458	1.458	0.000	99	117632	20.0	20.3	
8 Butadiene	54	1.531	1.525	0.006	94	102012	20.0	20.3	
7 Vinyl chloride	62	1.531	1.531	0.000	98	112204	20.0	20.1	
9 Bromomethane	94	1.757	1.756	0.001	99	83343	20.0	23.3	
10 Chloroethane	64	1.812	1.811	0.001	100	61900	20.0	21.4	
11 Dichlorofluoromethane	67	1.964	1.964	0.000	98	153459	20.0	22.5	
12 Trichlorofluoromethane	101	1.976	1.976	0.000	58	114894	20.0	20.3	
13 Pentane	72	1.976	1.976	0.000	96	25490	40.0	36.6	
14 Ethanol	46	2.110	2.134	-0.024	96	16255	800.0	917.5	a
15 Ethyl ether	74	2.141	2.141	0.000	96	39151	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	2.159	2.159	0.000	96	63131	20.0	18.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.196	2.195	0.001	89	63491	20.0	19.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.244	2.244	0.000	93	106723	20.0	19.5	a
19 Acrolein	56	2.287	2.293	-0.006	94	19820	40.0	42.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.311	2.305	0.006	90	69356	20.0	19.1	
21 1,1-Dichloroethene	96	2.318	2.317	0.001	98	70306	20.0	18.8	
22 Acetone	43	2.391	2.397	-0.006	89	103267	100.0	103.3	
23 Iodomethane	142	2.452	2.451	0.001	97	122675	20.0	18.2	
25 Isopropyl alcohol	45	2.470	2.476	-0.006	34	45576	200.0	192.4	a
24 Carbon disulfide	76	2.488	2.482	0.006	99	289281	20.0	20.1	
26 3-Chloro-1-propene	76	2.586	2.592	-0.006	91	43698	20.0	19.4	
27 Methyl acetate	43	2.598	2.604	-0.006	98	99144	40.0	45.1	
28 Cyclopentene	67	2.604	2.604	0.000	93	177704	20.0	19.9	
29 Acetonitrile	40	2.647	2.653	-0.006	95	56515	200.0	228.0	
* 31 TBA-d9 (IS)	66	2.702	2.701	0.001	99	50205	1000.0	1000.0	
30 Methylene Chloride	84	2.702	2.701	0.001	88	85010	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.763	2.762	0.001	100	71668	200.0	193.3	a
33 Methyl tert-butyl ether	73	2.842	2.848	-0.006	97	175611	20.0	20.3	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	94	74049	20.0	20.0	
35 Acrylonitrile	53	2.933	2.933	0.000	94	268707	200.0	212.3	
36 Hexane	57	3.000	3.006	-0.006	93	92999	20.0	19.8	
37 Isopropyl ether	45	3.195	3.201	-0.006	97	214413	20.0	20.1	
38 1,1-Dichloroethane	63	3.220	3.220	0.000	99	122918	20.0	20.3	
39 Vinyl acetate	86	3.232	3.238	-0.006	100	25985	40.0	40.4	
40 2-Chloro-1,3-butadiene	88	3.256	3.256	0.000	91	57605	20.0	19.6	
41 Tert-butyl ethyl ether	59	3.482	3.482	0.000	90	193316	20.0	20.1	
* 42 2-Butanone-d5	46	3.653	3.659	-0.006	95	314216	250.0	250.0	
43 2,2-Dichloropropane	97	3.671	3.665	0.006	68	23894	20.0	17.8	
44 cis-1,2-Dichloroethene	96	3.683	3.683	0.000	98	76753	20.0	19.4	
45 2-Butanone (MEK)	72	3.708	3.713	-0.005	96	35712	100.0	96.3	
46 Ethyl acetate	70	3.714	3.713	0.001	96	11879	40.0	36.6	
47 Methyl acrylate	55	3.756	3.756	0.000	100	52522	20.0	19.1	
48 Propionitrile	54	3.823	3.829	-0.006	99	97322	200.0	205.7	
49 Chlorobromomethane	128	3.890	3.890	0.000	93	35789	20.0	18.5	
50 Tetrahydrofuran	72	3.890	3.896	-0.006	64	17035	40.0	43.4	
51 Methacrylonitrile	67	3.915	3.915	0.000	92	266370	200.0	201.4	
52 Chloroform	83	3.939	3.939	0.000	98	115329	20.0	20.9	
53 Cyclohexane	84	4.055	4.055	0.000	92	103496	20.0	18.4	
54 1,1,1-Trichloroethane	97	4.067	4.073	-0.006	98	98726	20.0	19.0	
$ 55 Dibromofluoromethane (Surr)	113	4.086	4.085	0.000	96	143121	50.0	48.4	
56 Carbon tetrachloride	117	4.177	4.177	0.000	98	76165	20.0	17.3	
57 1,1-Dichloropropene	75	4.201	4.201	0.000	97	85279	20.0	19.7	
58 Isobutyl alcohol	43	4.348	4.347	0.001	94	120115	500.0	464.2	
59 Isooctane	57	4.366	4.366	0.000	100	252624	20.0	18.7	
60 Benzene	78	4.384	4.384	0.000	97	259495	20.0	22.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.403	4.402	0.000	96	157574	50.0	49.0	
62 Tert-amyl methyl ether	73	4.457	4.457	0.000	89	219883	20.0	20.5	
63 Isopropyl acetate	61	4.463	4.463	0.000	96	31153	20.0	18.5	
64 1,2-Dichloroethane	62	4.470	4.475	-0.005	96	77092	20.0	18.9	
65 n-Heptane	100	4.543	4.543	0.001	93	17233	20.0	19.1	
* 66 Fluorobenzene	96	4.659	4.658	0.001	98	579572	50.0	50.0	
67 n-Butanol	56	4.969	4.963	0.006	88	39477	500.0	401.9	
68 Trichloroethene	95	4.988	4.981	0.007	97	62278	20.0	18.7	
69 Methylcyclohexane	83	5.098	5.103	-0.005	96	115024	20.0	17.5	
70 Ethyl acrylate	99	5.116	5.122	-0.006	97	8895	20.0	16.2	
71 1,2-Dichloropropane	63	5.256	5.256	0.000	91	61217	20.0	19.2	
* 72 1,4-Dioxane-d8	96	5.323	5.317	0.006	89	28686	1000.0	1000.0	
73 Methyl methacrylate	100	5.347	5.347	0.000	90	27556	40.0	34.0	
75 1,4-Dioxane	88	5.372	5.378	-0.006	43	14341	400.0	436.3	
74 Dibromomethane	93	5.378	5.378	0.000	96	39706	20.0	19.5	
76 n-Propyl acetate	43	5.408	5.408	0.000	98	69039	20.0	17.4	
77 Dichlorobromomethane	83	5.524	5.524	0.000	99	77801	20.0	18.2	
78 2-Nitropropane	41	5.860	5.859	0.001	81	24770	40.0	30.1	
79 2-Chloroethyl vinyl ether	63	5.866	5.865	0.001	83	31787	20.0	15.8	
80 Epichlorohydrin	57	5.957	5.957	0.000	99	121295	400.0	398.8	
81 cis-1,3-Dichloropropene	75	6.006	6.006	0.000	92	92835	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.177	6.176	0.001	97	274810	100.0	96.2	
$ 83 Toluene-d8 (Surr)	98	6.238	6.237	0.001	99	492541	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.311	6.310	0.001	93	244766	20.0	20.7	
85 trans-1,3-Dichloropropene	75	6.658	6.658	0.000	97	77899	20.0	18.3	
86 Ethyl methacrylate	69	6.707	6.707	0.000	89	65937	20.0	18.5	
87 1,1,2-Trichloroethane	83	6.865	6.859	0.006	97	44092	20.0	19.9	
88 Tetrachloroethene	166	6.896	6.890	0.006	95	54898	20.0	18.5	
89 1,3-Dichloropropane	76	7.061	7.066	-0.005	95	79524	20.0	19.7	
90 2-Hexanone	43	7.146	7.146	0.000	96	156785	100.0	88.1	
91 n-Butyl acetate	43	7.268	7.268	0.000	100	75738	20.0	19.0	
92 Chlorodibromomethane	129	7.280	7.280	0.000	98	49285	20.0	18.5	
93 Ethylene Dibromide	107	7.420	7.420	0.000	98	48893	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.957	7.956	0.001	87	381553	50.0	50.0	
95 Chlorobenzene	112	7.993	7.993	0.000	93	144242	20.0	19.5	
96 Ethylbenzene	106	8.103	8.109	-0.006	98	81690	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.121	8.121	0.000	93	58685	20.0	20.1	
98 m-Xylene & p-Xylene	106	8.268	8.261	0.007	97	99986	20.0	19.8	
99 o-Xylene	106	8.774	8.773	0.001	94	107090	20.0	20.5	
100 n-Butyl acrylate	73	8.798	8.798	0.000	97	38857	20.0	17.4	
101 Styrene	104	8.816	8.816	0.000	95	157568	20.0	19.4	
102 Bromoform	173	9.066	9.066	0.000	95	31108	20.0	17.9	
103 Amyl acetate (mixed isomers)	43	9.109	9.109	0.000	91	93914	20.0	20.4	
104 Isopropylbenzene	105	9.243	9.249	-0.006	96	288357	20.0	20.8	
$ 105 4-Bromofluorobenzene	174	9.481	9.481	0.000	0	134264	50.0	45.2	
106 Bromobenzene	156	9.621	9.627	-0.006	97	61747	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	99	73795	20.0	21.9	
108 N-Propylbenzene	91	9.737	9.737	0.000	99	332343	20.0	21.2	
109 1,2,3-Trichloropropane	110	9.755	9.755	0.000	97	19750	20.0	21.6	
110 trans-1,4-Dichloro-2-butene	53	9.792	9.791	0.001	90	13337	20.0	19.9	
111 2-Chlorotoluene	91	9.840	9.840	0.000	96	226134	20.0	22.1	
112 4-Ethyltoluene	105	9.871	9.871	0.000	99	262770	20.0	20.8	
113 1,3,5-Trimethylbenzene	105	9.950	9.950	0.000	92	239009	20.0	21.2	
114 4-Chlorotoluene	91	9.975	9.974	0.001	98	211285	20.0	21.6	
115 Butyl Methacrylate	87	10.090	10.090	0.000	91	71865	20.0	18.8	
116 tert-Butylbenzene	119	10.273	10.273	0.000	93	192376	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.334	10.340	-0.006	98	244246	20.0	21.3	
118 sec-Butylbenzene	105	10.493	10.493	0.000	99	320351	20.0	21.4	
119 1,3-Dichlorobenzene	146	10.621	10.621	0.000	96	123119	20.0	20.1	
120 4-Isopropyltoluene	119	10.645	10.645	0.000	98	262028	20.0	20.9	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	96	193558	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.718	10.718	0.000	96	124616	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	10.749	10.749	0.000	99	258226	20.0	21.7	
124 Benzyl chloride	91	10.865	10.864	0.001	98	131227	20.0	19.2	
125 2,3-Dihydroindene	117	10.926	10.925	0.001	95	239382	20.0	20.8	
126 p-Diethylbenzene	119	11.005	11.005	0.000	92	137868	20.0	20.2	
127 n-Butylbenzene	92	11.029	11.029	0.000	97	152529	20.0	22.9	
128 1,2-Dichlorobenzene	146	11.060	11.060	0.000	96	127011	20.0	20.6	
129 1,2,4,5-Tetramethylbenzene	119	11.694	11.694	0.000	97	267335	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.767	11.761	0.006	96	15366	20.0	18.8	
131 1,3,5-Trichlorobenzene	180	11.883	11.883	0.000	97	115494	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	113455	20.0	20.0	
133 Hexachlorobutadiene	225	12.486	12.486	0.000	92	45109	20.0	19.3	
134 Naphthalene	128	12.584	12.584	0.000	99	278915	20.0	20.4	
135 1,2,3-Trichlorobenzene	180	12.761	12.760	0.001	95	104159	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	40.4	
S 140 Total BTEX	1				0		100.0	103.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 02-Sep-2020 15:51:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116143.b\TT129120.D

Injection Date: 02-Sep-2020 07:25:30 Instrument ID: CVOAMS17

Lims ID: LCSD

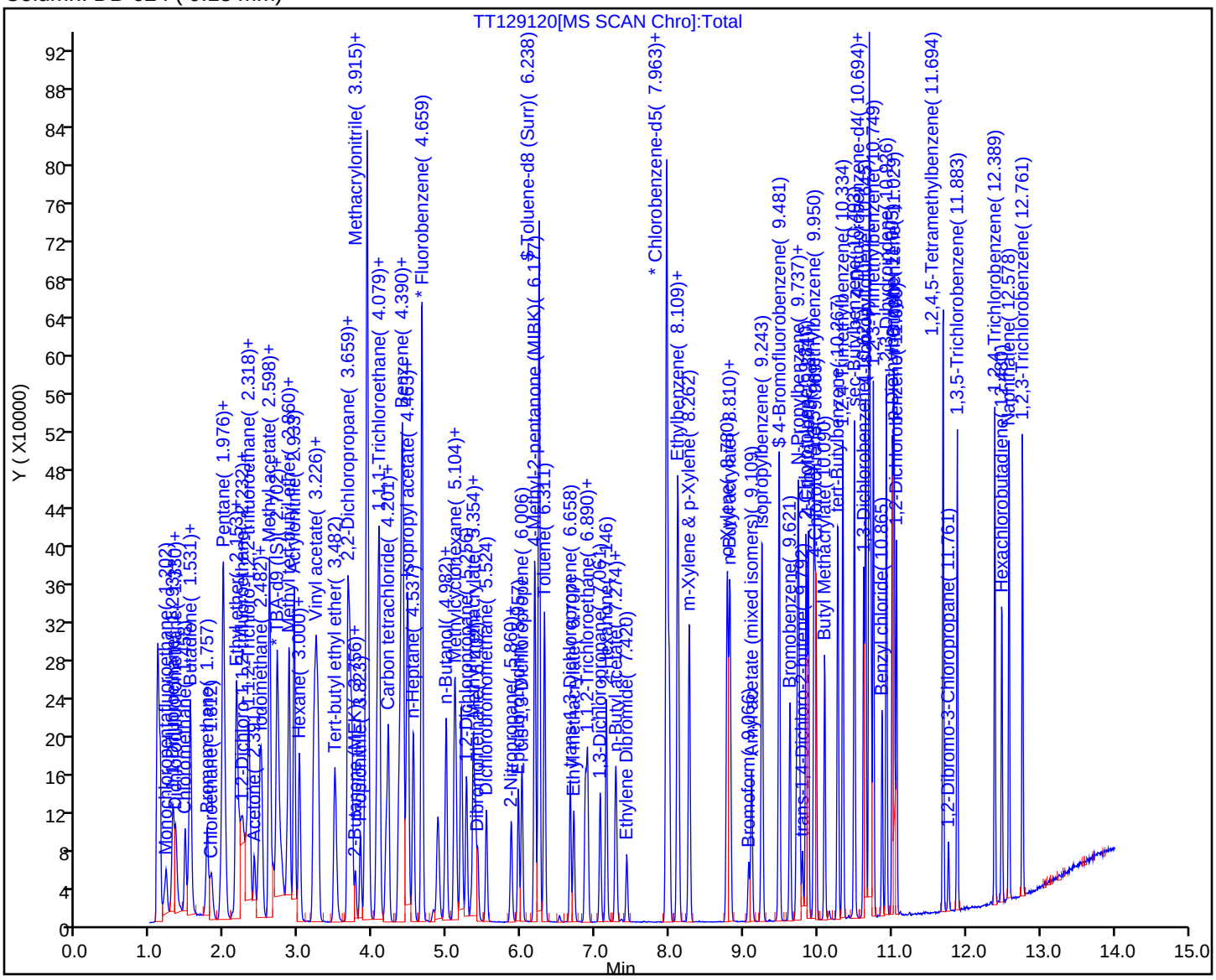
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721508/4

Matrix: Water Lab File ID: TT129155.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 20:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.43
75-34-3	1,1-Dichloroethane	18.9		1.0	0.26
75-35-4	1,1-Dichloroethene	16.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.7		1.0	0.43
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
78-87-5	1,2-Dichloropropane	18.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.33
78-93-3	2-Butanone (MEK)	95.9		5.0	1.9
591-78-6	2-Hexanone	84.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	92.5		5.0	1.3
67-64-1	Acetone	85.4		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
75-25-2	Bromoform	18.2		1.0	0.54
74-83-9	Bromomethane	21.0		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	16.6		1.0	0.21
108-90-7	Chlorobenzene	19.0		1.0	0.38
74-97-5	Chlorobromomethane	18.4		1.0	0.41
124-48-1	Chlorodibromomethane	18.3		1.0	0.28
75-00-3	Chloroethane	19.0		1.0	0.32
67-66-3	Chloroform	20.5		1.0	0.33
74-87-3	Chloromethane	18.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
110-82-7	Cyclohexane	16.7		1.0	0.32
75-27-4	Dichlorobromomethane	18.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	14.7		1.0	0.31
100-41-4	Ethylbenzene	18.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721508/4

Matrix: Water Lab File ID: TT129155.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 20:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721508 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	19.0		1.0	0.50
98-82-8	Isopropylbenzene	19.3		1.0	0.34
79-20-9	Methyl acetate	42.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.9		1.0	0.47
108-87-2	Methylcyclohexane	15.7		1.0	0.26
75-09-2	Methylene Chloride	18.4		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	18.4		1.0	0.30
95-47-6	o-Xylene	19.4		1.0	0.36
100-42-5	Styrene	18.6		1.0	0.42
127-18-4	Tetrachloroethene	17.3		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.49
79-01-6	Trichloroethene	17.8		1.0	0.31
75-69-4	Trichlorofluoromethane	19.0		1.0	0.32
75-01-4	Vinyl chloride	17.9		1.0	0.17
1330-20-7	Xylenes, Total	37.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129155.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Sep-2020 20:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0116195-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 11:22:42 Calib Date: 06-Aug-2020 11:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200806-114599.b\TT127628.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: parekhv Date: 02-Sep-2020 21:49:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	1.293	1.306	-0.013	94	29271	20.0	7.80	
3 Chlorotrifluoroethene	116	1.293	1.318	-0.025	52	5619	20.0	3.94	a
4 Dichlorodifluoromethane	85	1.318	1.330	-0.012	99	79916	20.0	14.7	
5 Chlorodifluoromethane	51	1.330	1.348	-0.018	100	55326	20.0	11.0	
6 Chloromethane	50	1.458	1.470	-0.012	98	96918	20.0	18.2	
8 Butadiene	54	1.519	1.537	-0.018	93	79337	20.0	17.2	
7 Vinyl chloride	62	1.537	1.543	-0.006	98	91677	20.0	17.9	
9 Bromomethane	94	1.757	1.763	-0.006	99	71635	20.0	21.0	
10 Chloroethane	64	1.812	1.818	-0.006	99	52274	20.0	19.0	
11 Dichlorofluoromethane	67	1.964	1.970	-0.006	98	129751	20.0	20.7	
13 Pentane	72	1.970	1.982	-0.012	97	19046	40.0	29.7	
12 Trichlorofluoromethane	101	1.970	1.982	-0.012	64	98565	20.0	19.0	
14 Ethanol	46	2.135	2.147	-0.012	78	12677	800.0	770.3	
15 Ethyl ether	74	2.135	2.147	-0.012	95	33556	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.153	2.165	-0.012	96	48661	20.0	15.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.190	2.202	-0.012	90	43027	20.0	14.3	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.232	2.251	-0.018	93	74340	20.0	14.7	a
19 Acrolein	56	2.281	2.293	-0.012	92	14646	40.0	33.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.305	2.318	-0.013	91	57212	20.0	17.2	
21 1,1-Dichloroethene	96	2.324	2.330	-0.006	98	56880	20.0	16.6	
22 Acetone	43	2.391	2.397	-0.006	88	81311	100.0	85.4	
23 Iodomethane	142	2.452	2.458	-0.006	97	110607	20.0	17.8	
25 Isopropyl alcohol	45	2.464	2.482	-0.018	98	38170	200.0	173.5	
24 Carbon disulfide	76	2.482	2.494	-0.012	99	230814	20.0	17.4	
26 3-Chloro-1-propene	76	2.586	2.592	-0.006	93	37842	20.0	18.3	
27 Methyl acetate	43	2.598	2.604	-0.006	77	84905	40.0	42.0	
28 Cyclopentene	67	2.598	2.610	-0.012	89	139727	20.0	17.0	
29 Acetonitrile	40	2.647	2.653	-0.006	93	47273	200.0	200.2	a
* 31 TBA-d9 (IS)	66	2.702	2.702	0.000	99	46640	1000.0	1000.0	
30 Methylene Chloride	84	2.702	2.708	-0.006	90	74894	20.0	18.4	
32 2-Methyl-2-propanol	59	2.763	2.769	-0.006	96	66184	200.0	192.1	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.842	2.854	-0.012	98	150497	20.0	18.9	
34 trans-1,2-Dichloroethene	96	2.860	2.866	-0.006	94	62761	20.0	18.4	
35 Acrylonitrile	53	2.927	2.933	-0.006	96	229171	200.0	196.9	
36 Hexane	57	3.000	3.006	-0.006	92	70751	20.0	16.4	
37 Isopropyl ether	45	3.195	3.202	-0.007	96	188854	20.0	19.3	
38 1,1-Dichloroethane	63	3.214	3.220	-0.006	99	105221	20.0	18.9	
39 Vinyl acetate	86	3.232	3.238	-0.006	100	23382	40.0	38.2	
40 2-Chloro-1,3-butadiene	88	3.250	3.256	-0.006	90	50173	20.0	18.5	
41 Tert-butyl ethyl ether	59	3.476	3.482	-0.006	89	168683	20.0	19.1	
* 42 2-Butanone-d5	46	3.653	3.659	-0.006	95	299339	250.0	250.0	
43 2,2-Dichloropropane	97	3.671	3.671	0.000	62	20108	20.0	16.3	a
44 cis-1,2-Dichloroethene	96	3.677	3.683	-0.006	99	69025	20.0	19.0	
45 2-Butanone (MEK)	72	3.701	3.708	-0.007	97	33858	100.0	95.9	
46 Ethyl acetate	70	3.708	3.708	0.000	96	12057	40.0	39.0	
47 Methyl acrylate	55	3.750	3.762	-0.012	100	45968	20.0	18.2	
48 Propionitrile	54	3.817	3.829	-0.012	99	83820	200.0	190.7	
49 Chlorobromomethane	128	3.884	3.890	-0.006	88	32729	20.0	18.4	
50 Tetrahydrofuran	72	3.890	3.897	-0.007	64	14760	40.0	39.5	
51 Methacrylonitrile	67	3.915	3.921	-0.006	91	236292	200.0	194.2	
52 Chloroform	83	3.933	3.939	-0.006	99	104231	20.0	20.5	
53 Cyclohexane	84	4.055	4.055	0.000	90	86423	20.0	16.7	
54 1,1,1-Trichloroethane	97	4.067	4.067	0.000	98	84431	20.0	17.6	
$ 55 Dibromofluoromethane (Surr)	113	4.079	4.086	-0.006	97	133897	50.0	49.3	
56 Carbon tetrachloride	117	4.171	4.183	-0.012	97	67198	20.0	16.6	
57 1,1-Dichloropropene	75	4.195	4.207	-0.012	97	72063	20.0	18.1	
58 Isobutyl alcohol	43	4.342	4.348	-0.006	94	101217	500.0	421.0	
60 Benzene	78	4.378	4.384	-0.006	97	225124	20.0	20.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.396	4.403	-0.007	96	147086	50.0	49.8	
62 Tert-amyl methyl ether	73	4.451	4.457	-0.006	80	197653	20.0	20.1	
63 Isopropyl acetate	61	4.457	4.470	-0.013	94	28688	20.0	18.5	
64 1,2-Dichloroethane	62	4.470	4.476	-0.006	96	70214	20.0	18.7	
59 Isooctane	57	4.366	4.543	-0.177	99	207850	20.0	16.7	a
65 n-Heptane	100	4.537	4.543	-0.006	93	13649	20.0	16.4	
* 66 Fluorobenzene	96	4.652	4.659	-0.007	99	533043	50.0	50.0	
67 n-Butanol	56	4.963	4.969	-0.006	88	37371	500.0	409.5	
68 Trichloroethene	95	4.982	4.988	-0.006	97	54642	20.0	17.8	
69 Methylcyclohexane	83	5.098	5.104	-0.006	95	94959	20.0	15.7	
70 Ethyl acrylate	99	5.116	5.122	-0.006	97	7635	20.0	15.1	
71 1,2-Dichloropropane	63	5.256	5.256	0.000	91	53973	20.0	18.4	
* 72 1,4-Dioxane-d8	96	5.305	5.305	0.000	55	58614	1000.0	1000.0	s
73 Methyl methacrylate	100	5.347	5.347	0.000	87	25765	40.0	34.6	
74 Dibromomethane	93	5.372	5.378	-0.006	96	35359	20.0	18.9	
75 1,4-Dioxane	88	5.372	5.384	-0.012	36	13768	400.0	205.0	a
76 n-Propyl acetate	43	5.408	5.408	0.000	99	63730	20.0	17.5	
77 Dichlorobromomethane	83	5.524	5.524	0.000	98	70705	20.0	18.0	
78 2-Nitropropane	41	5.853	5.853	0.000	84	22792	40.0	30.1	
79 2-Chloroethyl vinyl ether	63	5.860	5.866	-0.006	86	29815	20.0	16.2	
80 Epichlorohydrin	57	5.957	5.957	0.000	98	107730	400.0	371.8	
81 cis-1,3-Dichloropropene	75	6.006	6.006	0.000	92	83999	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.177	6.177	0.000	97	251752	100.0	92.5	
$ 83 Toluene-d8 (Surr)	98	6.238	6.238	0.000	99	456485	50.0	49.3	
84 Toluene	91	6.311	6.311	0.000	94	218072	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.652	6.658	-0.006	97	71031	20.0	17.6	
86 Ethyl methacrylate	69	6.701	6.707	-0.006	88	60230	20.0	17.8	
87 1,1,2-Trichloroethane	83	6.859	6.859	0.000	97	39516	20.0	18.8	
88 Tetrachloroethene	166	6.890	6.890	0.000	96	48579	20.0	17.3	
89 1,3-Dichloropropane	76	7.061	7.061	0.000	93	74440	20.0	19.4	
90 2-Hexanone	43	7.140	7.146	-0.006	96	143162	100.0	84.5	
91 n-Butyl acetate	43	7.262	7.268	-0.006	99	69120	20.0	18.3	
92 Chlorodibromomethane	129	7.274	7.274	0.000	98	46424	20.0	18.3	
93 Ethylene Dibromide	107	7.420	7.420	0.000	100	44723	20.0	19.0	
* 94 Chlorobenzene-d5	117	7.957	7.957	0.000	86	362220	50.0	50.0	
95 Chlorobenzene	112	7.993	7.993	0.000	94	133535	20.0	19.0	
96 Ethylbenzene	106	8.103	8.103	0.000	99	72584	20.0	18.5	
97 1,1,1,2-Tetrachloroethane	131	8.115	8.115	0.000	94	54032	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.262	8.262	0.000	97	88322	20.0	18.4	
99 o-Xylene	106	8.774	8.774	0.000	94	95977	20.0	19.4	
100 n-Butyl acrylate	73	8.798	8.798	0.000	98	37783	20.0	17.8	
101 Styrene	104	8.816	8.816	0.000	95	143144	20.0	18.6	
102 Bromoform	173	9.066	9.066	0.000	96	30042	20.0	18.2	
103 Amyl acetate (mixed isomers)	43	9.103	9.103	0.000	92	84540	20.0	19.0	
104 Isopropylbenzene	105	9.243	9.243	0.000	96	253788	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	9.475	9.475	0.000	0	128954	50.0	45.7	
106 Bromobenzene	156	9.621	9.621	0.000	98	58328	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	99	69288	20.0	21.2	
108 N-Propylbenzene	91	9.731	9.731	0.000	99	301058	20.0	19.8	
109 1,2,3-Trichloropropane	110	9.755	9.755	0.000	97	18673	20.0	21.1	
110 trans-1,4-Dichloro-2-butene	53	9.792	9.792	0.000	89	14046	20.0	21.6	
111 2-Chlorotoluene	91	9.841	9.840	0.000	96	207982	20.0	20.9	
112 4-Ethyltoluene	105	9.871	9.871	0.000	98	243382	20.0	19.8	
113 1,3,5-Trimethylbenzene	105	9.950	9.950	0.000	92	217140	20.0	19.9	
114 4-Chlorotoluene	91	9.975	9.975	0.000	98	195964	20.0	20.6	
115 Butyl Methacrylate	87	10.090	10.090	0.000	90	67623	20.0	18.3	
116 tert-Butylbenzene	119	10.267	10.267	0.000	94	173087	20.0	19.0	
117 1,2,4-Trimethylbenzene	105	10.334	10.334	0.000	98	225540	20.0	20.3	
118 sec-Butylbenzene	105	10.493	10.493	0.000	99	285876	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.615	10.615	0.000	96	115975	20.0	19.6	
120 4-Isopropyltoluene	119	10.645	10.645	0.000	98	239520	20.0	19.7	
* 121 1,4-Dichlorobenzene-d4	152	10.694	10.694	0.000	96	187752	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.712	10.718	-0.006	95	116225	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.749	10.749	0.000	99	236721	20.0	20.5	
124 Benzyl chloride	91	10.865	10.865	0.000	99	123853	20.0	18.6	
125 2,3-Dihydroindene	117	10.926	10.926	0.000	94	226922	20.0	20.3	
126 p-Diethylbenzene	119	11.005	11.005	0.000	92	128076	20.0	19.3	
127 n-Butylbenzene	92	11.029	11.023	0.006	97	135414	20.0	21.0	
128 1,2-Dichlorobenzene	146	11.060	11.060	0.000	96	123667	20.0	20.7	
129 1,2,4,5-Tetramethylbenzene	119	11.688	11.688	0.000	97	251034	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.761	11.761	0.000	97	14453	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	11.883	11.883	0.000	97	107811	20.0	18.8	
132 1,2,4-Trichlorobenzene	180	12.389	12.389	0.000	94	107125	20.0	19.5	
133 Hexachlorobutadiene	225	12.480	12.486	-0.006	92	39858	20.0	17.5	
134 Naphthalene	128	12.578	12.578	0.000	99	261727	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.761	12.761	0.000	96	96684	20.0	18.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	37.8	
S 140 Total BTEX	1				0		100.0	96.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.9	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
524freon_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Sep-2020 11:23:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200902-116195.b\TT129155.D

Injection Date: 02-Sep-2020 20:20:30 Instrument ID: CVOAMS17

Lims ID: LCSD

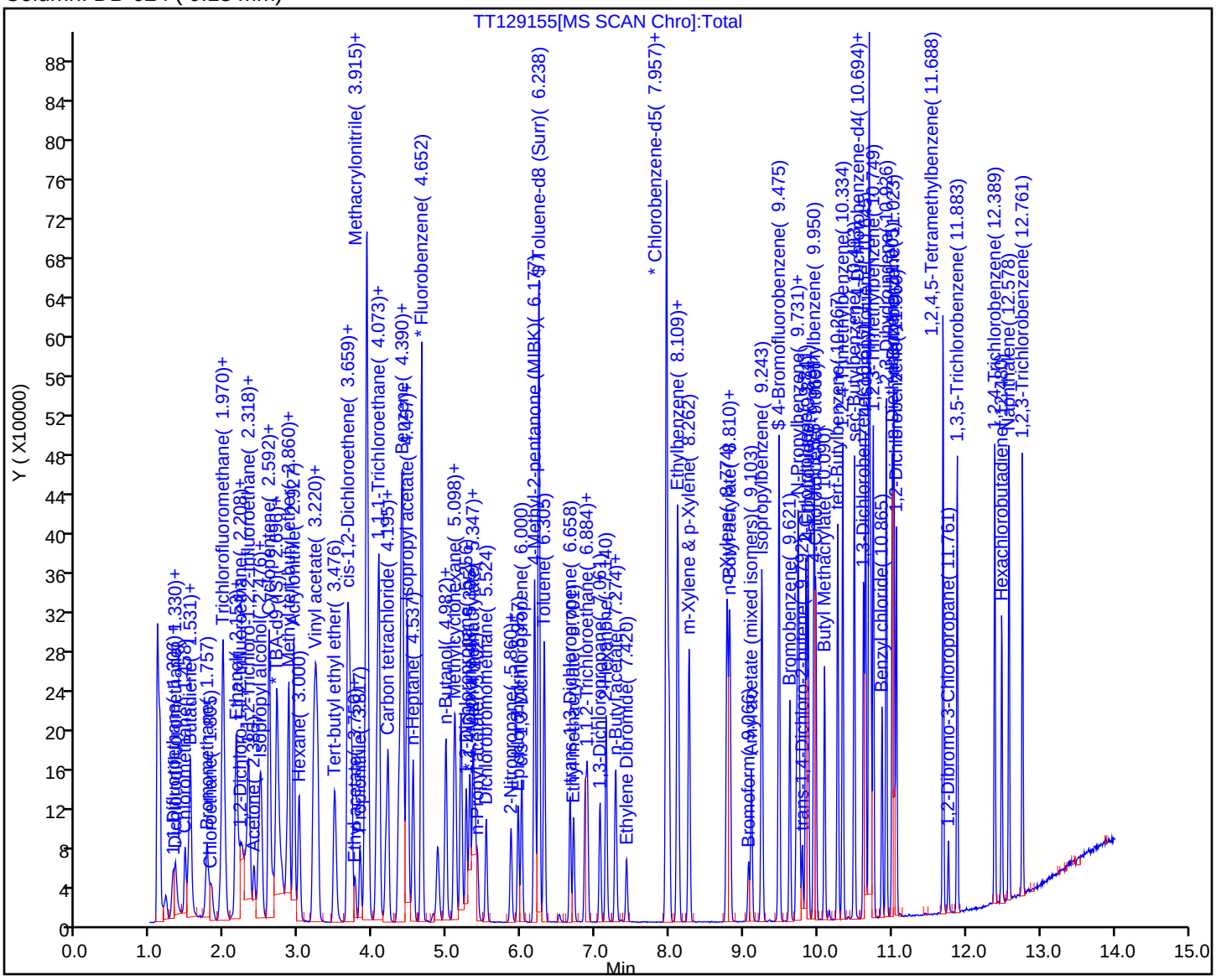
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)


TT129155[MS SCAN Chro]:Total
Y (X10000)
Min
Methacrylonitrile(3.915)+
* Chlorobenzene-d5(7.957)+
* Fluorobenzene(4.652)
Toluene-d8 (Surr)(6.238)
Ethylbenzene(8.109)+
m-Xylene & p-Xylene(8.262)
1,2,4,5-Tetramethylbenzene(11.688)
1,3,5-Trichlorobenzene(11.883)
1,2,3-Trichlorobenzene(12.761)
Hexachlorobutadiene(12.389)
Naphthalene(12.578)
1,2-Dibromo-3-Chloropropane(11.761)
Benzyl chloride(10.865)
Trichlorofluoromethane(1.970)+
Hexane(3.000)+
Vinyl acetate(3.220)+
Tert-butyl ethyl ether(3.476)
cis-1,2-Dichloroethene(3.659)+
Carbon tetrachloride(4.195)+
1,1,1-Trichloroethane(4.073)+
n-Heptane(4.537)+
Isopropyl acetate(4.390)+
n-Butanol(4.982)+
Methylcyclohexane(5.098)+
Toluene(6.305)+
4-Methyl-2-pentanone (MIBK)(6.157)+
Ethylene Dibromide(7.274)+
n-Butylbenzene(8.810)+
Isopropylbenzene(9.103)
$ 4-Bromofluorobenzene(9.475)
Bromobenzene(9.621)
Butyl Methacrylate(9.950)
tert-Butylbenzene(10.334)
sec-Butylbenzene(10.467)
1,3-Dichlorobenzene-d4(10.694)+
1,4-Dichlorobenzene(10.779)
1,2-Dichlorobenzene(10.923)
Bromoform(9.066)
Acetonitrile(2.276)+
Acrolein(2.592)+
Acrylonitrile(2.860)+
Ethyl acetate(3.587)
Methyl tert-butyl ether(3.750)
Dichlorodifluoromethane(3.524)
2-Nitropropane(5.860)+
Ethylene chloride(6.000)
Ethylbenzene-d10(6.658)
1,1,2-Trichloroethane(6.884)+
1,3-Dichloropropane(7.061)+
Chloroethane(1.757)
Bromomethane(1.605)
Acetone(2.208)+
Isopropyl alcohol(2.318)+
Dibromofluoromethane(2.592)+
1,4-Difluorobenzene(2.860)+
Chloroprene(3.347)+
Tetrachloroethene(5.274)+
Chlorobenzene-d5(7.420)
Styrene(8.531)+
Xylenes, Total(8.774)
Trans-1,4-Dichloro-2-butene(9.731)+
Chlorobenzene(9.950)
Isopropylbenzene-d7(10.023)
1,2,3-Trichloropropane(10.866)
1,2-Dichloroethane-d4(9.779)
1,2-Dichloroethane(9.731)+
Dibromochloromethane(10.531)+
Bromoform(10.694)+
Bromobenzene(10.779)
Isopropylbenzene(10.866)
Bromoform(10.923)
Bromobenzene(10.996)
Isopropylbenzene(11.023)
Bromoform(11.066)
Isopropylbenzene(11.131)
Bromoform(11.196)
Isopropylbenzene(11.239)
Bromoform(11.304)
Isopropylbenzene(11.347)
Bromoform(11.412)
Isopropylbenzene(11.455)
Bromoform(11.520)
Isopropylbenzene(11.563)
Bromoform(11.628)
Isopropylbenzene(11.671)
Bromoform(11.736)
Isopropylbenzene(11.779)
Bromoform(11.844)
Isopropylbenzene(11.887)
Bromoform(11.952)
Isopropylbenzene(11.995)
Bromoform(12.060)
Isopropylbenzene(12.103)
Bromoform(12.168)
Isopropylbenzene(

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217152-B-18 MS

Matrix: Water Lab File ID: P79270.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 12:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	26.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.43
75-34-3	1,1-Dichloroethane	24.6		1.0	0.26
75-35-4	1,1-Dichloroethene	21.1		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.43
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
78-87-5	1,2-Dichloropropane	23.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	22.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.2		1.0	0.33
78-93-3	2-Butanone (MEK)	130		5.0	1.9
591-78-6	2-Hexanone	126		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	142		5.0	1.3
67-64-1	Acetone	83.6		5.0	4.4
71-43-2	Benzene	22.5		1.0	0.20
75-25-2	Bromoform	19.7		1.0	0.54
74-83-9	Bromomethane	21.3		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	23.0		1.0	0.21
108-90-7	Chlorobenzene	22.7		1.0	0.38
74-97-5	Chlorobromomethane	22.9		1.0	0.41
124-48-1	Chlorodibromomethane	20.2		1.0	0.28
75-00-3	Chloroethane	15.8		1.0	0.32
67-66-3	Chloroform	22.4		1.0	0.33
74-87-3	Chloromethane	21.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	26.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.1		1.0	0.22
110-82-7	Cyclohexane	27.5		1.0	0.32
75-27-4	Dichlorobromomethane	21.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.9		1.0	0.31
100-41-4	Ethylbenzene	23.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217152-B-18 MS

Matrix: Water Lab File ID: P79270.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 12:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	24.5		1.0	0.34
79-20-9	Methyl acetate	42.1		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.0		1.0	0.47
108-87-2	Methylcyclohexane	28.4		1.0	0.26
75-09-2	Methylene Chloride	18.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	23.7		1.0	0.30
95-47-6	o-Xylene	24.8		1.0	0.36
100-42-5	Styrene	24.7		1.0	0.42
127-18-4	Tetrachloroethene	33.3		1.0	0.25
108-88-3	Toluene	23.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.49
79-01-6	Trichloroethene	25.7		1.0	0.31
75-69-4	Trichlorofluoromethane	17.8		1.0	0.32
75-01-4	Vinyl chloride	21.8		1.0	0.17
1330-20-7	Xylenes, Total	48.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		75-123
460-00-4	4-Bromofluorobenzene	113		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	111		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79270.D
Lims ID: 460-217152-B-18 MS
Client ID: Y-MW10S_20200826
Sample Type: MS
Inject. Date: 02-Sep-2020 12:44:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217152-B-18 MS
Misc. Info.: 460-0116151-014
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 12:03:20 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1008

First Level Reviewer: moroneyc Date: 02-Sep-2020 13:03:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.735	0.678	0.057	68	4983		27.7	
2 Chlorotrifluoroethene	116	0.757	0.757	-0.001	88	19916		24.1	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	96534	20.0	21.9	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	89	37283		23.1	
5 Chlorodifluoromethane	67	0.821	0.821	0.000	95	11737		19.2	a
8 Butadiene	54	0.893	0.892	0.001	95	89467	20.0	24.1	
6 Chloromethane	50	0.893	0.892	0.001	71	120682	20.0	21.8	
7 Vinyl chloride	62	0.893	0.892	0.001	97	90410	20.0	21.8	
9 Bromomethane	94	1.036	1.036	0.000	98	31285	20.0	21.3	
10 Chloroethane	64	1.093	1.093	0.000	99	47691	20.0	15.8	
11 Pentane	72	1.150	1.150	0.000	95	24899	40.0	60.6	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	62	94260	20.0	17.8	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	108283	20.0	16.9	
14 2-Methyl-1,3-butadiene	67	1.287	1.286	0.001	96	101368	20.0	18.7	
15 Ethyl ether	59	1.294	1.294	0.000	92	43208	20.0	14.9	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	96	65264	20.0	21.1	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	74	82469		17.5	
16 Ethanol	46	1.401	1.401	0.000	27	8563	800.0	789.5	
19 Carbon disulfide	76	1.408	1.408	0.000	99	210917	20.0	18.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	88	62145	20.0	20.1	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.416	1.423	-0.007	94	88839		18.2	a
22 Iodomethane	142	1.466	1.466	0.000	96	42638	20.0	11.5	
23 Cyclopentene	67	1.537	1.537	0.000	96	163787	20.0	19.1	
24 Acrolein	56	1.559	1.559	0.000	95	10493	40.0	53.0	
25 3-Chloro-1-propene	76	1.623	1.630	-0.007	94	34750	20.0	18.1	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	21067	200.0	204.8	
27 Methylene Chloride	84	1.695	1.695	0.000	89	67581	20.0	18.1	
28 Acetone	43	1.716	1.716	0.000	87	45230	100.0	83.6	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	92	67396	20.0	19.6	
30 Methyl acetate	43	1.781	1.781	0.000	98	46174	40.0	42.1	
31 Hexane	86	1.817	1.817	0.000	89	19131	20.0	24.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.838	1.831	0.007	89	138319	20.0	16.0	
* 33 TBA-d9 (IS)	65	1.860	1.859	0.001	100	135038	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	99	31925	200.0	208.9	
35 Acetonitrile	41	1.981	1.981	0.000	100	42394	200.0	208.2	
36 Isopropyl ether	45	2.053	2.053	0.000	97	208086	20.0	22.7	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	89	65346	20.0	24.8	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	99	131199	20.0	24.6	
39 Acrylonitrile	53	2.153	2.153	0.000	95	161826	200.0	185.8	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	175997	20.0	20.9	
41 Vinyl acetate	43	2.282	2.282	0.000	100	199897	40.0	36.3	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	99	83700	20.0	26.7	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	87438	20.0	23.6	
44 Cyclohexane	56	2.583	2.583	0.000	91	130612	20.0	27.5	
45 Chlorobromomethane	128	2.590	2.590	0.000	86	32869	20.0	22.9	
46 Chloroform	83	2.648	2.647	0.001	99	112921	20.0	22.4	
47 Carbon tetrachloride	117	2.734	2.733	0.001	98	72563	20.0	23.0	
48 Ethyl acetate	70	2.748	2.748	0.000	98	9761	40.0	52.0	
49 Methyl acrylate	55	2.755	2.755	0.000	53	35927	20.0	18.5	
50 Tetrahydrofuran	42	2.762	2.755	0.007	96	31740	40.0	49.7	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	133364	50.0	52.3	
52 1,1,1-Trichloroethane	97	2.776	2.784	-0.008	98	106794	20.0	26.3	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	152155	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.869	0.001	86	26104	100.0	129.9	
55 1,1-Dichloropropene	75	2.870	2.869	0.001	96	98019	20.0	23.8	
56 Isooctane	57	2.956	2.955	0.001	99	209349	20.0	30.0	
57 n-Heptane	57	3.049	3.049	0.000	93	52008	20.0	29.7	
58 Benzene	78	3.056	3.056	0.000	95	285479	20.0	22.5	
59 Propionitrile	54	3.077	3.077	0.000	98	56495	200.0	263.0	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	184466	200.0	185.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	132887	50.0	43.5	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	98	149007	20.0	21.2	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	68986	20.0	18.2	
64 Isobutyl alcohol	43	3.292	3.292	0.000	96	34901	500.0	695.1	
65 t-Amyl alcohol	59	3.364	3.364	0.000	94	24145	200.0	292.9	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	545416	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	100	84093	20.0	19.5	
68 Methylcyclohexane	83	3.507	3.514	-0.007	95	126440	20.0	28.4	
69 Trichloroethene	130	3.536	3.536	0.000	97	74848	20.0	25.7	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	137296	20.0	22.2	
71 Dibromomethane	93	3.894	3.894	0.000	94	31319	20.0	19.0	
72 n-Butanol	56	3.915	3.915	0.000	95	19287	500.0	576.8	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	93	68900	20.0	23.9	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	75576	20.0	21.0	
74 Ethyl acrylate	55	4.066	4.066	0.000	66	49400	20.0	20.3	
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	75	17839	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	91	23004	40.0	40.9	
78 1,4-Dioxane	88	4.266	4.266	0.000	88	8622	400.0	363.2	M
79 n-Propyl acetate	43	4.417	4.417	0.000	99	52470	20.0	19.2	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	92204	20.0	21.1	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	562573	50.0	55.7	
83 Toluene	91	4.940	4.940	0.000	93	299849	20.0	23.1	
84 Epichlorohydrin	57	4.983	4.983	0.000	95	12426	400.0	151.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.190	5.190	0.000	98	14087	40.0	27.7	
86 Tetrachloroethene	166	5.355	5.362	-0.007	97	100736	20.0	33.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	188177	100.0	142.2	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	93	76693	20.0	19.8	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	39326	20.0	19.1	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	55524	20.0	20.2	
91 Chlorodibromomethane	129	5.799	5.806	-0.007	98	50180	20.0	20.2	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	82109	20.0	19.5	
93 Ethylene Dibromide	107	6.043	6.043	0.000	97	44583	20.0	19.7	
94 n-Butyl acetate	43	6.401	6.401	0.000	98	54930	20.0	17.2	
95 2-Hexanone	43	6.458	6.458	0.000	95	124489	100.0	126.5	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	416445	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	184900	20.0	22.7	
98 Ethylbenzene	106	6.831	6.831	0.000	98	105761	20.0	23.5	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	95	57987	20.0	22.9	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	127775	20.0	23.7	
101 o-Xylene	106	7.626	7.626	0.000	95	124532	20.0	24.8	
102 Bromoform	173	7.690	7.697	-0.007	95	27340	20.0	19.7	
103 Styrene	104	7.719	7.712	0.007	96	202480	20.0	24.7	
104 n-Butyl acrylate	73	8.056	8.048	0.008	98	32341	20.0	19.5	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	332371	20.0	24.5	
106 Amyl acetate (mixed isomers)	43	8.471	8.464	0.007	91	74420	20.0	17.6	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	96	188442	50.0	56.6	
108 Bromobenzene	156	8.586	8.586	0.000	95	81686	20.0	21.8	
109 N-Propylbenzene	91	8.743	8.743	0.000	100	391377	20.0	22.4	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	53822	20.0	17.6	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	295020	20.0	24.1	
112 4-Ethyltoluene	105	8.930	8.929	0.001	98	324512	20.0	22.3	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	15326	20.0	17.8	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	271595	20.0	22.4	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	52	5916	20.0	7.31	
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	234566	20.0	21.5	
117 tert-Butylbenzene	119	9.546	9.545	0.001	96	238390	20.0	23.7	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	275180	20.0	22.3	
119 Butyl Methacrylate	87	9.696	9.696	0.000	91	73612	20.0	21.1	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	360896	20.0	23.0	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	98	158368	20.0	22.3	
122 4-Isopropyltoluene	119	10.119	10.118	0.001	98	306361	20.0	23.9	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	244598	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.247	0.001	96	164924	20.0	21.2	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	277629	20.0	21.5	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	270606	20.0	21.0	
127 Benzyl chloride	126	10.713	10.713	0.000	98	18257	20.0	21.6	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	151253	20.0	23.1	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	275586	20.0	22.6	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	144470	20.0	20.3	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	266999	20.0	22.4	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	94	9085	20.0	16.1	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	97	120450	20.0	22.1	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	97718	20.0	20.6	
135 Hexachlorobutadiene	225	12.841	12.840	0.001	97	43058	20.0	24.4	
136 Naphthalene	128	13.120	13.120	0.000	100	181513	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	79403	20.0	17.8	
S 138 1,2-Dichloroethene, Total	100				0		40.0	46.3	
S 139 1,3-Dichloropropene, Total	100				0		40.0	40.8	
S 140 Xylenes, Total	100				0		40.0	48.4	
S 142 Total BTEX	1				0		100.0	117.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

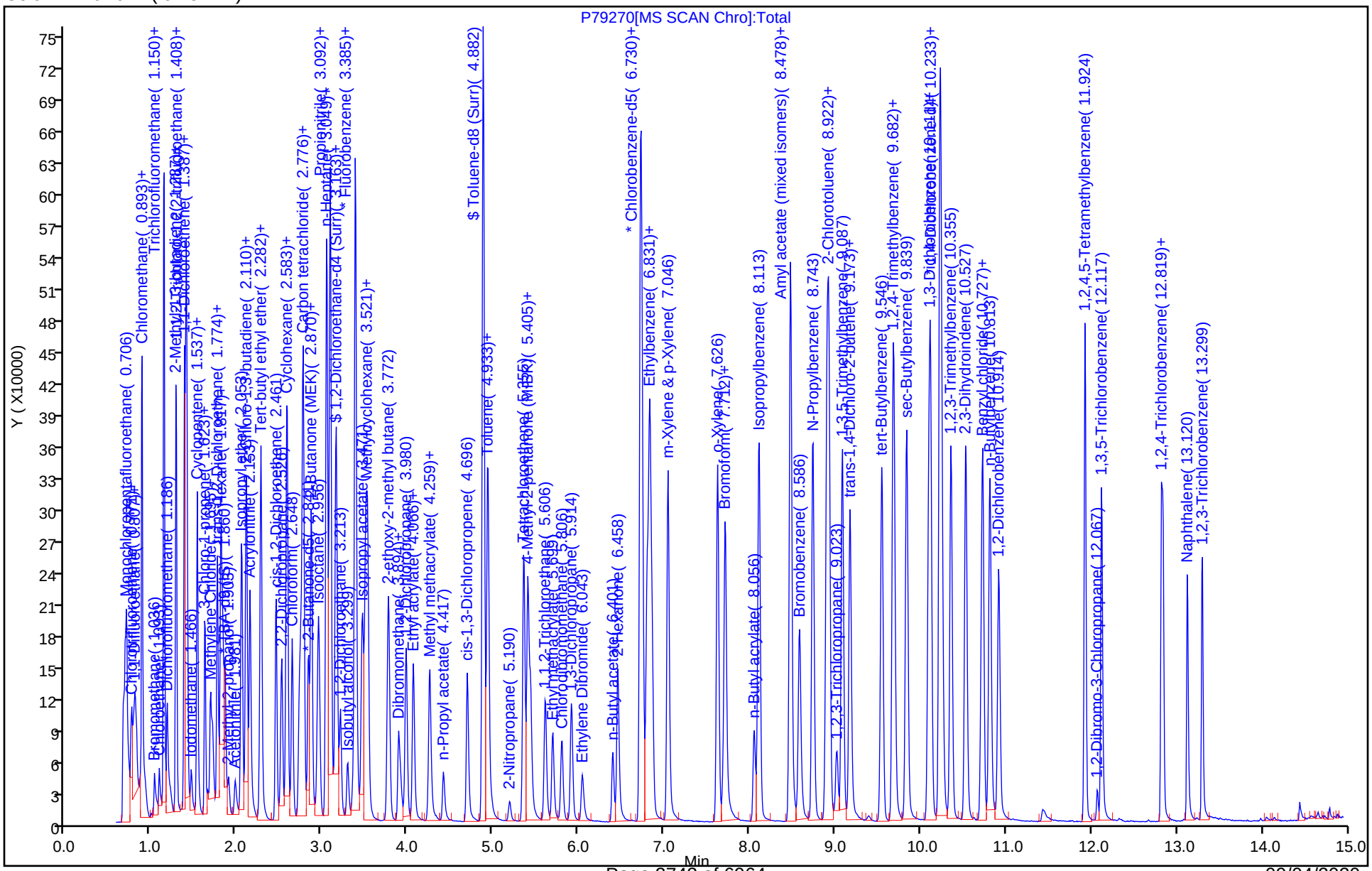
Report Date: 03-Sep-2020 12:13:59 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79270.D

Injection Date:	02-Sep-2020 12:44:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-217152-B-18 MS			Worklist Smp#:	14
Client ID:	Y-MW10S_20200826				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217152-B-18 MSD

Matrix: Water Lab File ID: P79271.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 13:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.7		1.0	0.43
75-34-3	1,1-Dichloroethane	23.1		1.0	0.26
75-35-4	1,1-Dichloroethene	19.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.43
107-06-2	1,2-Dichloroethane	16.7		1.0	0.43
78-87-5	1,2-Dichloropropane	22.1		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.33
78-93-3	2-Butanone (MEK)	122		5.0	1.9
591-78-6	2-Hexanone	121		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	133		5.0	1.3
67-64-1	Acetone	78.5		5.0	4.4
71-43-2	Benzene	20.7		1.0	0.20
75-25-2	Bromoform	18.1		1.0	0.54
74-83-9	Bromomethane	24.5		1.0	0.55
75-15-0	Carbon disulfide	17.6		1.0	0.82
56-23-5	Carbon tetrachloride	22.2		1.0	0.21
108-90-7	Chlorobenzene	21.3		1.0	0.38
74-97-5	Chlorobromomethane	21.4		1.0	0.41
124-48-1	Chlorodibromomethane	18.8		1.0	0.28
75-00-3	Chloroethane	15.4		1.0	0.32
67-66-3	Chloroform	21.0		1.0	0.33
74-87-3	Chloromethane	20.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	24.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.22
110-82-7	Cyclohexane	25.6		1.0	0.32
75-27-4	Dichlorobromomethane	19.8		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.31
100-41-4	Ethylbenzene	21.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217152-B-18 MSD

Matrix: Water Lab File ID: P79271.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/02/2020 13:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 721282 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	18.3		1.0	0.50
98-82-8	Isopropylbenzene	22.5		1.0	0.34
79-20-9	Methyl acetate	42.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	14.6		1.0	0.47
108-87-2	Methylcyclohexane	26.5		1.0	0.26
75-09-2	Methylene Chloride	17.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.1		1.0	0.30
95-47-6	o-Xylene	22.6		1.0	0.36
100-42-5	Styrene	22.9		1.0	0.42
127-18-4	Tetrachloroethene	31.5		1.0	0.25
108-88-3	Toluene	21.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.8		1.0	0.49
79-01-6	Trichloroethene	24.1		1.0	0.31
75-69-4	Trichlorofluoromethane	16.7		1.0	0.32
75-01-4	Vinyl chloride	21.0		1.0	0.17
1330-20-7	Xylenes, Total	44.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79271.D
Lims ID: 460-217152-B-18 MSD
Client ID: Y-MW10S_20200826
Sample Type: MSD
Inject. Date: 02-Sep-2020 13:07:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-217152-B-18 MSD
Misc. Info.: 460-0116151-015
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Sep-2020 12:03:20 Calib Date: 09-Jul-2020 12:29:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1008

First Level Reviewer: moroneyc Date: 02-Sep-2020 13:04:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.728	0.678	0.050	68	5040		26.6	a
2 Chlorotrifluoroethene	116	0.757	0.757	-0.001	87	21433		24.6	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	97584	20.0	21.0	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	89	36140		21.3	
5 Chlorodifluoromethane	67	0.821	0.821	0.000	95	11835		18.4	a
8 Butadiene	54	0.885	0.892	-0.007	93	89795	20.0	22.9	
6 Chloromethane	50	0.885	0.892	-0.007	67	120629	20.0	20.7	
7 Vinyl chloride	62	0.893	0.892	0.001	98	91531	20.0	21.0	
9 Bromomethane	94	1.036	1.036	0.000	99	36180	20.0	24.5	
10 Chloroethane	64	1.093	1.093	0.000	98	49092	20.0	15.4	
11 Pentane	72	1.150	1.150	0.000	96	24948	40.0	61.8	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	62	93367	20.0	16.7	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	109953	20.0	16.3	
14 2-Methyl-1,3-butadiene	67	1.287	1.286	0.001	96	98421	20.0	17.3	
15 Ethyl ether	59	1.294	1.294	0.000	92	41817	20.0	13.7	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	97	64686	20.0	19.9	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	75	83714		16.9	
16 Ethanol	46	1.401	1.401	0.000	24	8695	800.0	815.6	
19 Carbon disulfide	76	1.401	1.408	-0.007	99	212089	20.0	17.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	86	61034	20.0	18.7	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.416	1.423	-0.007	93	88137		17.1	
22 Iodomethane	142	1.466	1.466	0.000	96	51083	20.0	13.0	
23 Cyclopentene	67	1.537	1.537	0.000	96	165288	20.0	18.3	
24 Acrolein	56	1.559	1.559	0.000	92	10085	40.0	51.9	
25 3-Chloro-1-propene	76	1.623	1.630	-0.007	94	34955	20.0	17.3	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	19436	200.0	192.2	
27 Methylene Chloride	84	1.695	1.695	0.000	91	67082	20.0	17.0	
28 Acetone	43	1.716	1.716	0.000	87	42760	100.0	78.5	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	66842	20.0	18.5	
30 Methyl acetate	43	1.781	1.781	0.000	98	46077	40.0	42.7	
31 Hexane	86	1.817	1.817	0.000	88	18304	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.831	1.831	0.000	88	132560	20.0	14.6	
* 33 TBA-d9 (IS)	65	1.860	1.859	0.001	100	132727	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	99	31399	200.0	209.1	
35 Acetonitrile	41	1.981	1.981	0.000	99	45917	200.0	229.4	
36 Isopropyl ether	45	2.053	2.053	0.000	98	207247	20.0	21.4	
37 2-Chloro-1,3-butadiene	88	2.103	2.110	-0.007	89	65855	20.0	23.7	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	130078	20.0	23.1	
39 Acrylonitrile	53	2.153	2.153	0.000	96	156528	200.0	170.6	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	88	172666	20.0	19.5	
41 Vinyl acetate	43	2.282	2.282	0.000	100	193018	40.0	33.3	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	99	80239	20.0	24.3	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	86495	20.0	22.2	
44 Cyclohexane	56	2.583	2.583	0.000	90	127961	20.0	25.6	
45 Chlorobromomethane	128	2.590	2.590	0.000	90	32273	20.0	21.4	
46 Chloroform	83	2.648	2.647	0.001	99	111894	20.0	21.0	
47 Carbon tetrachloride	117	2.734	2.733	0.001	98	73797	20.0	22.2	
48 Ethyl acetate	70	2.748	2.748	0.000	97	9025	40.0	47.8	
49 Methyl acrylate	55	2.748	2.755	-0.007	54	32943	20.0	16.1	
50 Tetrahydrofuran	42	2.762	2.755	0.007	96	29776	40.0	46.3	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	133580	50.0	49.7	
52 1,1,1-Trichloroethane	97	2.776	2.784	-0.008	97	106229	20.0	24.8	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	153271	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.869	0.001	83	24729	100.0	122.2	
55 1,1-Dichloropropene	75	2.870	2.869	0.001	96	97982	20.0	22.6	
56 Isooctane	57	2.956	2.955	0.001	99	210653	20.0	28.6	
57 n-Heptane	57	3.049	3.049	0.000	92	52494	20.0	28.5	
58 Benzene	78	3.056	3.056	0.000	96	281813	20.0	20.7	
59 Propionitrile	54	3.077	3.077	0.000	97	54234	200.0	256.9	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	175107	200.0	167.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	132729	50.0	41.2	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	145995	20.0	19.7	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	97	66732	20.0	16.7	
64 Isobutyl alcohol	43	3.292	3.292	0.000	95	31481	500.0	637.9	
65 t-Amyl alcohol	59	3.364	3.364	0.000	96	23172	200.0	286.0	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	574649	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	74208	20.0	16.4	
68 Methylcyclohexane	83	3.507	3.514	-0.007	96	124160	20.0	26.5	
69 Trichloroethene	130	3.536	3.536	0.000	97	73942	20.0	24.1	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	135891	20.0	20.9	
71 Dibromomethane	93	3.894	3.894	0.000	94	29898	20.0	17.3	
72 n-Butanol	56	3.915	3.915	0.000	88	19860	500.0	604.2	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	67123	20.0	22.1	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	75126	20.0	19.8	
74 Ethyl acrylate	55	4.066	4.066	0.000	65	48128	20.0	18.8	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	96	17955	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	90	22104	40.0	37.3	
78 1,4-Dioxane	88	4.274	4.266	0.008	43	9156	400.0	383.2	
79 n-Propyl acetate	43	4.417	4.417	0.000	98	49865	20.0	17.4	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	90279	20.0	19.2	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	564951	50.0	52.2	
83 Toluene	91	4.940	4.940	0.000	93	296002	20.0	21.3	
84 Epichlorohydrin	57	4.976	4.983	-0.007	97	12505	400.0	151.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.190	5.190	0.000	98	13626	40.0	25.5	
86 Tetrachloroethene	166	5.355	5.362	-0.007	97	102232	20.0	31.5	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	177674	100.0	133.3	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	74080	20.0	17.8	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	39161	20.0	17.7	
90 Ethyl methacrylate	69	5.699	5.699	0.000	89	53456	20.0	18.5	
91 Chlorodibromomethane	129	5.799	5.806	-0.007	98	50045	20.0	18.8	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	81484	20.0	18.1	
93 Ethylene Dibromide	107	6.043	6.043	0.000	99	44497	20.0	18.3	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	53949	20.0	15.8	
95 2-Hexanone	43	6.458	6.458	0.000	95	119885	100.0	120.9	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	446705	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	186060	20.0	21.3	
98 Ethylbenzene	106	6.831	6.831	0.000	98	105361	20.0	21.8	
99 1,1,1,2-Tetrachloroethane	131	6.852	6.859	-0.007	96	56789	20.0	20.9	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	128182	20.0	22.1	
101 o-Xylene	106	7.626	7.626	0.000	95	122106	20.0	22.6	
102 Bromoform	173	7.697	7.697	0.000	95	26920	20.0	18.1	
103 Styrene	104	7.712	7.712	0.000	96	201073	20.0	22.9	
104 n-Butyl acrylate	73	8.056	8.048	0.008	98	31931	20.0	18.0	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	327895	20.0	22.5	
106 Amyl acetate (mixed isomers)	43	8.471	8.464	0.007	90	70611	20.0	16.0	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	93	186805	50.0	52.3	
108 Bromobenzene	156	8.586	8.586	0.000	96	79164	20.0	20.2	
109 N-Propylbenzene	91	8.736	8.743	-0.007	99	392417	20.0	21.4	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	96	53357	20.0	16.6	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	266203	20.0	20.7	
112 4-Ethyltoluene	105	8.930	8.929	0.001	98	321795	20.0	21.1	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	97	14792	20.0	16.4	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	268655	20.0	21.1	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	80	6678	20.0	7.87	
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	226698	20.0	19.8	
117 tert-Butylbenzene	119	9.546	9.545	0.001	96	236817	20.0	22.4	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	274250	20.0	21.2	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	70891	20.0	19.5	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	358790	20.0	21.8	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	98	159106	20.0	21.4	
122 4-Isopropyltoluene	119	10.119	10.118	0.001	98	306343	20.0	22.8	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	256608	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.247	0.001	96	164395	20.0	20.2	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	274272	20.0	20.2	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	265680	20.0	19.7	
127 Benzyl chloride	126	10.713	10.713	0.000	98	17261	20.0	19.6	
128 p-Diethylbenzene	119	10.727	10.727	0.000	93	152997	20.0	22.3	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	279577	20.0	21.8	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	98	142108	20.0	19.0	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	267459	20.0	21.3	
132 1,2-Dibromo-3-Chloropropane	157	12.067	12.074	-0.007	91	9529	20.0	16.1	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	121883	20.0	21.3	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	93	100878	20.0	20.2	
135 Hexachlorobutadiene	225	12.841	12.840	0.001	97	44160	20.0	23.8	
136 Naphthalene	128	13.120	13.120	0.000	100	186064	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	80280	20.0	17.2	
S 138 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	37.0	
S 140 Xylenes, Total	100				0		40.0	44.8	
S 142 Total BTEX	1				0		100.0	108.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00384	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00124	Amount Added:	20.00	Units: uL	
ACROLEIN W_00111	Amount Added:	4.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

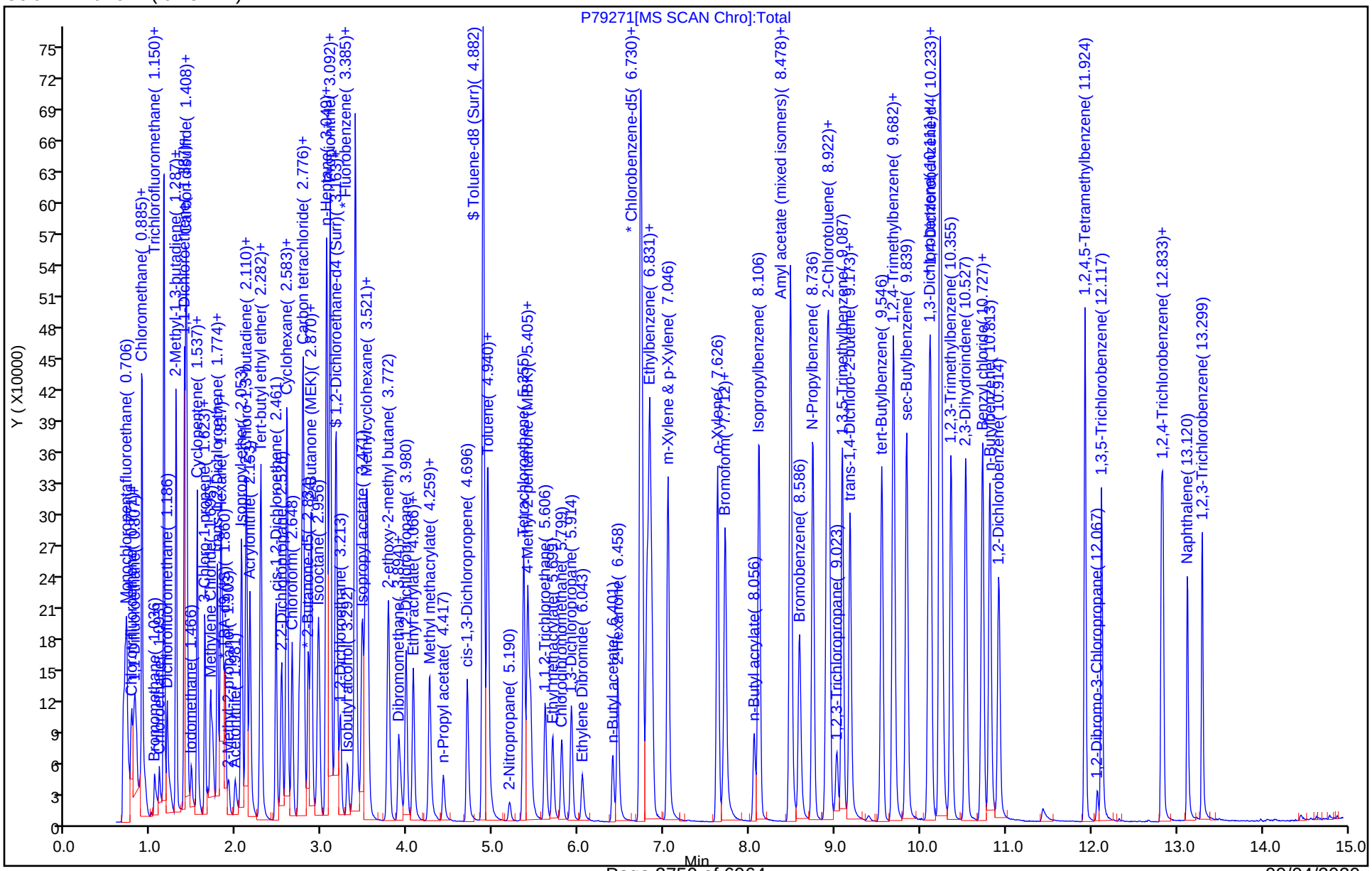
Report Date: 03-Sep-2020 12:14:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200902-116151.b\P79271.D

Injection Date:	02-Sep-2020 13:07:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-217152-B-18 MSD			Worklist Smp#:	15
Client ID:	Y-MW10S_20200826				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/09/2020 03:47

Analysis Batch Number: 706917 End Date: 07/09/2020 13:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-706917/1		07/09/2020 03:47	1	P76750.D	Rtx-624 0.25(mm)
STD7 460-706917/3 IC		07/09/2020 04:40	1	P76752.D	Rtx-624 0.25(mm)
STD5 460-706917/5 IC		07/09/2020 05:33	1	P76754.D	Rtx-624 0.25(mm)
STD20 460-706917/6 ICIS		07/09/2020 05:59	1	P76755.D	Rtx-624 0.25(mm)
STD50 460-706917/7 IC		07/09/2020 06:26	1	P76756.D	Rtx-624 0.25(mm)
STD200 460-706917/8 IC		07/09/2020 06:52	1	P76757.D	Rtx-624 0.25(mm)
STD500 460-706917/9 IC		07/09/2020 07:18	1	P76758.D	Rtx-624 0.25(mm)
STD1 460-706917/17 IC		07/09/2020 12:29	1	P76766.D	Rtx-624 0.25(mm)
ICV 460-706917/19		07/09/2020 13:40	1	P76768.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/02/2020 07:17

Analysis Batch Number: 721282 End Date: 09/02/2020 16:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-721282/1		09/02/2020 07:17	1	P79257.D	Rtx-624 0.25(mm)
CCVIS 460-721282/4		09/02/2020 08:42	1	P79260.D	Rtx-624 0.25(mm)
LCS 460-721282/5		09/02/2020 09:14	1	P79261.D	Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 09:37	1		Rtx-624 0.25(mm)
MB 460-721282/9		09/02/2020 10:47	1	P79265.D	Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 11:10	10		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 11:34	5		Rtx-624 0.25(mm)
460-217152-B-18 MS		09/02/2020 12:44	1	P79270.D	Rtx-624 0.25(mm)
460-217152-B-18 MSD		09/02/2020 13:07	1	P79271.D	Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 13:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 14:17	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 14:40	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 15:03	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 15:26	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 15:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 16:12	1		Rtx-624 0.25(mm)
ZZZZZ		09/02/2020 16:35	1		Rtx-624 0.25(mm)
460-217143-1	TW-04_20200827	09/02/2020 16:58	1	P79281.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 08/02/2020 23:21

Analysis Batch Number: 713559 End Date: 08/03/2020 07:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-713559/1		08/02/2020 23:21	1	T37104.D	DB-624 0.18(mm)
STD8 460-713559/4 IC		08/03/2020 00:33	1	T37107.D	DB-624 0.18(mm)
STD05 460-713559/5 IC		08/03/2020 00:57	1	T37108.D	DB-624 0.18(mm)
STD5 460-713559/7 IC		08/03/2020 01:45	1	T37110.D	DB-624 0.18(mm)
STD20 460-713559/8 ICIS		08/03/2020 02:09	1	T37111.D	DB-624 0.18(mm)
STD50 460-713559/9 IC		08/03/2020 02:33	1	T37112.D	DB-624 0.18(mm)
STD200 460-713559/10 IC		08/03/2020 02:57	1	T37113.D	DB-624 0.18(mm)
STD500 460-713559/11 IC		08/03/2020 03:22	1	T37114.D	DB-624 0.18(mm)
STD1 460-713559/18 IC		08/03/2020 06:35	1	T37121.D	DB-624 0.18(mm)
ICV 460-713559/20		08/03/2020 07:49	1	T37123.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 08/28/2020 07:14

Analysis Batch Number: 720210 End Date: 08/28/2020 14:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720210/1		08/28/2020 07:14	1	T38361.D	DB-624 0.18(mm)
CCVIS 460-720210/2		08/28/2020 07:36	1	T38362.D	DB-624 0.18(mm)
LCS 460-720210/3		08/28/2020 08:00	1	T38363.D	DB-624 0.18(mm)
LCSD 460-720210/4		08/28/2020 08:23	1	T38364.D	DB-624 0.18(mm)
MB 460-720210/7		08/28/2020 09:36	1	T38367.D	DB-624 0.18(mm)
ZZZZZ		08/28/2020 13:59	1		DB-624 0.18(mm)
460-216817-7	TB_20200825	08/28/2020 14:23	1	T38379.D	DB-624 0.18(mm)
ZZZZZ		08/28/2020 14:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/06/2020 09:00

Analysis Batch Number: 714481 End Date: 08/06/2020 18:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-714481/1		08/06/2020 09:00	1	TT127620.D	DB-624 0.18(mm)
STD8 460-714481/2 IC		08/06/2020 09:11	1	TT127621.D	DB-624 0.18(mm)
STD05 460-714481/3 IC		08/06/2020 09:32	1	TT127622.D	DB-624 0.18(mm)
STD1 460-714481/4 IC		08/06/2020 09:53	1	TT127623.D	DB-624 0.18(mm)
STD5 460-714481/5 IC		08/06/2020 10:14	1	TT127624.D	DB-624 0.18(mm)
STD20 460-714481/6 ICIS		08/06/2020 10:35	1	TT127625.D	DB-624 0.18(mm)
STD50 460-714481/7 IC		08/06/2020 10:56	1	TT127626.D	DB-624 0.18(mm)
STD200 460-714481/8 IC		08/06/2020 11:17	1	TT127627.D	DB-624 0.18(mm)
STD500 460-714481/9 IC		08/06/2020 11:38	1	TT127628.D	DB-624 0.18(mm)
ICV 460-714481/15		08/06/2020 13:43	1	TT127634.D	DB-624 0.18(mm)
ZZZZZ		08/06/2020 14:04	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 14:25	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 15:08	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 15:29	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 15:50	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 16:10	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 16:31	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 16:52	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 17:13	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 17:34	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 17:54	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 18:15	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 18:36	1		DB-624 0.18(mm)
ZZZZZ		08/06/2020 18:57	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 09/02/2020 06:20

Analysis Batch Number: 721264 End Date: 09/02/2020 16:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-721264/1		09/02/2020 06:20	1	TT129117.D	DB-624 0.18(mm)
CCVIS 460-721264/2		09/02/2020 06:41	1	TT129118.D	DB-624 0.18(mm)
LCS 460-721264/3		09/02/2020 07:04	1	TT129119.D	DB-624 0.18(mm)
LCSD 460-721264/4		09/02/2020 07:25	1	TT129120.D	DB-624 0.18(mm)
MB 460-721264/7		09/02/2020 08:27	1	TT129123.D	DB-624 0.18(mm)
460-217163-2	TW-18_20200828	09/02/2020 14:59	1	TT129141.D	DB-624 0.18(mm)
460-217163-3	TW-16_20200828	09/02/2020 15:19	1	TT129142.D	DB-624 0.18(mm)
460-217163-4	TW-13_20200828	09/02/2020 15:40	1	TT129143.D	DB-624 0.18(mm)
460-217163-5	TW-07_20200828	09/02/2020 16:01	1	TT129144.D	DB-624 0.18(mm)
460-217163-6	TW-10_20200828	09/02/2020 16:22	1	TT129145.D	DB-624 0.18(mm)
460-217163-7	TW-09_20200828	09/02/2020 16:43	1	TT129146.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 09/02/2020 19:22

Analysis Batch Number: 721508 End Date: 09/02/2020 22:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-721508/1		09/02/2020 19:22	1	TT129152.D	DB-624 0.18(mm)
CCVIS 460-721508/2		09/02/2020 19:31	1	TT129153.D	DB-624 0.18(mm)
LCS 460-721508/3		09/02/2020 19:51	1	TT129154.D	DB-624 0.18(mm)
LCSD 460-721508/4		09/02/2020 20:20	1	TT129155.D	DB-624 0.18(mm)
MB 460-721508/8		09/02/2020 22:01	1	TT129159.D	DB-624 0.18(mm)
460-217163-1	TW-01_20200828	09/02/2020 22:22	1	TT129160.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 08/18/2020 09:12

Analysis Batch Number: 717631 End Date: 08/18/2020 19:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-717631/1		08/18/2020 09:12	1	B62311.D	DB-624 0.18(mm)
STD1 460-717631/4 IC		08/18/2020 10:22	1	B62314.D	DB-624 0.18(mm)
STD5 460-717631/5 IC		08/18/2020 10:46	1	B62315.D	DB-624 0.18(mm)
STD20 460-717631/6 ICIS		08/18/2020 11:09	1	B62316.D	DB-624 0.18(mm)
STD50 460-717631/7 IC		08/18/2020 11:33	1	B62317.D	DB-624 0.18(mm)
STD200 460-717631/8 IC		08/18/2020 11:57	1	B62318.D	DB-624 0.18(mm)
STD500 460-717631/9 IC		08/18/2020 12:20	1	B62319.D	DB-624 0.18(mm)
ZZZZZ		08/18/2020 14:39	1		DB-624 0.18(mm)
ICV 460-717631/1014		08/18/2020 14:39	1	B62325-ICV.d	DB-624 0.18(mm)
ZZZZZ		08/18/2020 15:03	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 15:50	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 16:13	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 16:37	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 17:47	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 18:11	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 18:34	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 18:57	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 19:20	1		DB-624 0.18(mm)
ZZZZZ		08/18/2020 19:44	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 08/28/2020 16:26

Analysis Batch Number: 720347 End Date: 08/28/2020 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720347/1		08/28/2020 16:26	1	B628601.D	DB-624 0.18(mm)
CCVIS 460-720347/3		08/28/2020 17:12	1	B628603.D	DB-624 0.18(mm)
LCS 460-720347/10		08/28/2020 17:45	1	B628604.D	DB-624 0.18(mm)
LCSD 460-720347/4		08/28/2020 18:09	1	B628605.D	DB-624 0.18(mm)
MB 460-720347/7		08/28/2020 19:19	1	B628608.D	DB-624 0.18(mm)
ZZZZZ		08/28/2020 19:43	1		DB-624 0.18(mm)
ZZZZZ		08/28/2020 20:54	1		DB-624 0.18(mm)
460-216817-4	SB-09_1-3_20200825	08/28/2020 21:45	1	B628614.D	DB-624 0.18(mm)
460-216817-5	SB-03_0-2_20200825	08/28/2020 22:09	1	B628615.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 08/29/2020 04:48

Analysis Batch Number: 720465 End Date: 08/29/2020 14:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720465/1		08/29/2020 04:48	1	B62630.D	DB-624 0.18(mm)
CCVIS 460-720465/2		08/29/2020 05:12	1	B62631.D	DB-624 0.18(mm)
LCS 460-720465/3		08/29/2020 05:36	1	B62632.D	DB-624 0.18(mm)
LCSD 460-720465/4		08/29/2020 06:00	1	B62633.D	DB-624 0.18(mm)
MB 460-720465/7		08/29/2020 07:27	1	B62636.D	DB-624 0.18(mm)
460-216817-1	SB-04_2-4_20200825	08/29/2020 07:55	1	B62637.D	DB-624 0.18(mm)
460-216817-2	SB-02_0-2_20200825	08/29/2020 08:19	1	B62638.D	DB-624 0.18(mm)
460-216817-3	SB-01_1-3_20200825	08/29/2020 08:43	1	B62639.D	DB-624 0.18(mm)
460-216817-6	SB-08_2-4_20200825	08/29/2020 09:07	1	B62640.D	DB-624 0.18(mm)
ZZZZZ		08/29/2020 13:24	1		DB-624 0.18(mm)
ZZZZZ		08/29/2020 13:48	1		DB-624 0.18(mm)
ZZZZZ		08/29/2020 14:12	1		DB-624 0.18(mm)
ZZZZZ		08/29/2020 14:35	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 07/25/2020 04:57

Analysis Batch Number: 711297 End Date: 07/25/2020 16:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-711297/1		07/25/2020 04:57	1	D70133.D	Rtx-624 0.25(mm)
STD1 460-711297/4 IC		07/25/2020 06:29	1	D70136.D	Rtx-624 0.25(mm)
STD5 460-711297/5 IC		07/25/2020 06:57	1	D70137.D	Rtx-624 0.25(mm)
STD20 460-711297/6 ICIS		07/25/2020 07:25	1	D70138.D	Rtx-624 0.25(mm)
STD50 460-711297/7 IC		07/25/2020 07:53	1	D70139.D	Rtx-624 0.25(mm)
STD200 460-711297/8 IC		07/25/2020 08:20	1	D70140.D	Rtx-624 0.25(mm)
STD500 460-711297/9 IC		07/25/2020 08:48	1	D70141.D	Rtx-624 0.25(mm)
ICV 460-711297/13		07/25/2020 10:40	1	D70145.D	Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 10:40	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 11:07	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 11:35	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 12:31	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 12:59	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 13:27	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 13:55	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 14:23	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 14:51	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 15:20	1		Rtx-624 0.25(mm)
ZZZZZ		07/25/2020 16:16	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 08/31/2020 04:13

Analysis Batch Number: 720741 End Date: 08/31/2020 15:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720741/1		08/31/2020 04:13	1	D71880.D	Rtx-624 0.25(mm)
CCVIS 460-720741/2		08/31/2020 04:34	1	D71881.D	Rtx-624 0.25(mm)
LCS 460-720741/3		08/31/2020 05:02	1	D71882.D	Rtx-624 0.25(mm)
LCSD 460-720741/4		08/31/2020 05:30	1	D71883.D	Rtx-624 0.25(mm)
MB 460-720741/7		08/31/2020 06:57	1	D71886.D	Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 07:54	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 08:22	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 08:50	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 09:18	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 09:45	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 10:13	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 10:41	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 11:09	1		Rtx-624 0.25(mm)
LB3 460-720511/1-A		08/31/2020 12:04	1	D71897.D	Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 12:32	1		Rtx-624 0.25(mm)
460-217095-1	SB-12_0-2_20200828	08/31/2020 13:00	1	D71899.D	Rtx-624 0.25(mm)
460-217095-2	SB-13_1-3_20200828	08/31/2020 13:28	1	D71900.D	Rtx-624 0.25(mm)
460-217095-3	SB-14_2-4_20200828	08/31/2020 13:55	1	D71901.D	Rtx-624 0.25(mm)
460-217095-4	SB-11_3-5_20200828	08/31/2020 14:23	1	D71902.D	Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 14:51	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 15:18	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 08/13/2020 05:54

Analysis Batch Number: 716277 End Date: 08/13/2020 15:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-716277/1		08/13/2020 05:54	1	E15843.D	Rtx-VMS 0.18(mm)
STD8 460-716277/3 IC		08/13/2020 06:43	1	E15845.D	Rtx-VMS 0.18(mm)
STD1 460-716277/5 IC		08/13/2020 07:34	1	E15847.D	Rtx-VMS 0.18(mm)
STD5 460-716277/6 IC		08/13/2020 08:00	1	E15848.D	Rtx-VMS 0.18(mm)
STD20 460-716277/7 ICIS		08/13/2020 08:26	1	E15849.D	Rtx-VMS 0.18(mm)
STD50 460-716277/8 IC		08/13/2020 08:52	1	E15850.D	Rtx-VMS 0.18(mm)
STD500 460-716277/10 IC		08/13/2020 09:43	1	E15852.D	Rtx-VMS 0.18(mm)
STD200 460-716277/15 IC		08/13/2020 11:52	1	E15857.D	Rtx-VMS 0.18(mm)
ZZZZZ		08/13/2020 14:02	50		Rtx-VMS 0.18(mm)
ICV 460-716277/1020		08/13/2020 14:02	50	E15862-ICV.d	Rtx-VMS 0.18(mm)
ZZZZZ		08/13/2020 14:28	50		Rtx-VMS 0.18(mm)
ZZZZZ		08/13/2020 15:45	50		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 08/30/2020 10:32

Analysis Batch Number: 720646 End Date: 08/30/2020 19:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720646/1		08/30/2020 10:32	1	E16584.D	Rtx-VMS 0.18(mm)
CCVIS 460-720646/2		08/30/2020 11:02	1	E16585.D	Rtx-VMS 0.18(mm)
LCS 460-720646/3		08/30/2020 11:28	50	E16586.D	Rtx-VMS 0.18(mm)
LCSD 460-720646/4		08/30/2020 11:53	50	E16587.D	Rtx-VMS 0.18(mm)
MB 460-720646/8		08/30/2020 13:36	50	E16591.D	Rtx-VMS 0.18(mm)
ZZZZZ		08/30/2020 14:53	100		Rtx-VMS 0.18(mm)
ZZZZZ		08/30/2020 15:18	100		Rtx-VMS 0.18(mm)
460-217009-3	SB-18_3-5_20200827	08/30/2020 16:35	50	E16598.D	Rtx-VMS 0.18(mm)
ZZZZZ		08/30/2020 19:34	50		Rtx-VMS 0.18(mm)
ZZZZZ		08/30/2020 19:59	50		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 08/15/2020 03:59

Analysis Batch Number: 716937 End Date: 08/15/2020 10:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-716937/1		08/15/2020 03:59	1	J04650.D	Rtx-624 0.25(mm)
STD7 460-716937/3 IC		08/15/2020 04:48	1	J04652.D	Rtx-624 0.25(mm)
STD1 460-716937/4 IC		08/15/2020 05:13	1	J04653.D	Rtx-624 0.25(mm)
STD5 460-716937/5 IC		08/15/2020 05:38	1	J04654.D	Rtx-624 0.25(mm)
STD20 460-716937/6 ICIS		08/15/2020 06:03	1	J04655.D	Rtx-624 0.25(mm)
STD50 460-716937/7 IC		08/15/2020 06:27	1	J04656.D	Rtx-624 0.25(mm)
STD200 460-716937/8 IC		08/15/2020 06:52	1	J04657.D	Rtx-624 0.25(mm)
STD500 460-716937/9 IC		08/15/2020 07:17	1	J04658.D	Rtx-624 0.25(mm)
ICV 460-716937/16		08/15/2020 10:10	1	J04665.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 08/30/2020 08:56

Analysis Batch Number: 720644 End Date: 08/30/2020 20:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720644/1		08/30/2020 08:56	1	J05411.D	Rtx-624 0.25(mm)
CCVIS 460-720644/4		08/30/2020 10:20	1	J05414.D	Rtx-624 0.25(mm)
LCS 460-720644/5		08/30/2020 10:47	1	J05415.D	Rtx-624 0.25(mm)
MB 460-720644/9		08/30/2020 12:24	1	J05419.D	Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 12:49	1		Rtx-624 0.25(mm)
460-217095-5	TB_20200828	08/30/2020 13:13	1	J05421.D	Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 13:37	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 14:02	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 14:26	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 14:50	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 15:15	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 15:39	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 16:03	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 16:28	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 17:16	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 17:40	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 18:05	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 18:29	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 18:53	1		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 19:17	10		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 19:42	10		Rtx-624 0.25(mm)
ZZZZZ		08/30/2020 20:06	10		Rtx-624 0.25(mm)
LCSD 460-720644/29		08/30/2020 20:30	1	J05439.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/26/2020 19:54

Analysis Batch Number: 719740 End Date: 08/27/2020 01:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-719740/1		08/26/2020 19:54	1	K18448.D	Rtx-624 0.25(mm)
STD1 460-719740/3 IC		08/26/2020 20:35	1	K18450.D	Rtx-624 0.25(mm)
STD5 460-719740/4 IC		08/26/2020 20:59	1	K18451.D	Rtx-624 0.25(mm)
STD20 460-719740/5 ICIS		08/26/2020 21:22	1	K18452.D	Rtx-624 0.25(mm)
STD50 460-719740/6 IC		08/26/2020 21:46	1	K18453.D	Rtx-624 0.25(mm)
STD200 460-719740/7 IC		08/26/2020 22:09	1	K18454.D	Rtx-624 0.25(mm)
STD500 460-719740/8 IC		08/26/2020 22:33	1	K18455.D	Rtx-624 0.25(mm)
ICV 460-719740/16		08/27/2020 01:41	1	K18463.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/26/2020 19:54

Analysis Batch Number: 719741 End Date: 08/27/2020 01:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-719741/1		08/26/2020 19:54	1	K18448.D	Rtx-624 0.25(mm)
STD1 460-719741/3 IC		08/26/2020 20:35	1	K18450.D	Rtx-624 0.25(mm)
STD5 460-719741/4 IC		08/26/2020 20:59	1	K18451.D	Rtx-624 0.25(mm)
STD20 460-719741/5 ICIS		08/26/2020 21:22	1	K18452.D	Rtx-624 0.25(mm)
STD50 460-719741/6 IC		08/26/2020 21:46	1	K18453.D	Rtx-624 0.25(mm)
STD200 460-719741/7 IC		08/26/2020 22:09	1	K18454.D	Rtx-624 0.25(mm)
STD500 460-719741/8 IC		08/26/2020 22:33	1	K18455.D	Rtx-624 0.25(mm)
ICV 460-719741/16		08/27/2020 01:41	1	K18463.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/28/2020 09:30

Analysis Batch Number: 720240 End Date: 08/28/2020 18:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720240/1		08/28/2020 09:30	1	K18520.D	Rtx-624 0.25(mm)
CCVIS 460-720240/3		08/28/2020 10:20	1	K18522.D	Rtx-624 0.25(mm)
LCS 460-720240/4		08/28/2020 10:44	1	K18523.D	Rtx-624 0.25(mm)
LCSD 460-720240/5		08/28/2020 11:07	1	K18524.D	Rtx-624 0.25(mm)
MB 460-720240/8		08/28/2020 12:18	1	K18527.D	Rtx-624 0.25(mm)
LB3 460-719834/1-A		08/28/2020 16:36	1	K18538.D	Rtx-624 0.25(mm)
ZZZZZ		08/28/2020 18:58	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/29/2020 09:29

Analysis Batch Number: 720508 End Date: 08/29/2020 19:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720508/1		08/29/2020 09:29	1	K18572.D	Rtx-624 0.25(mm)
CCVIS 460-720508/2		08/29/2020 09:54	1	K18573.D	Rtx-624 0.25(mm)
LCS 460-720508/3		08/29/2020 10:18	1	K18574.D	Rtx-624 0.25(mm)
LCSD 460-720508/4		08/29/2020 10:41	1	K18575.D	Rtx-624 0.25(mm)
MB 460-720508/7		08/29/2020 11:52	1	K18578.D	Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 12:32	1		Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 12:56	1		Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 13:19	1		Rtx-624 0.25(mm)
LB3 460-720136/1-A		08/29/2020 14:41	1	K18583.D	Rtx-624 0.25(mm)
460-216927-1	SB-15_0-2_20200826	08/29/2020 15:04	1	K18584.D	Rtx-624 0.25(mm)
460-216927-2	SB-16_1-3_20200826	08/29/2020 15:27	1	K18585.D	Rtx-624 0.25(mm)
460-216927-3	SB-17_0-2_20200826	08/29/2020 15:50	1	K18586.D	Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 16:14	1		Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 16:37	1		Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 17:01	1		Rtx-624 0.25(mm)
ZZZZZ		08/29/2020 19:21	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/31/2020 04:18

Analysis Batch Number: 720746 End Date: 08/31/2020 14:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720746/1		08/31/2020 04:18	1	K18625.D	Rtx-624 0.25(mm)
CCVIS 460-720746/2		08/31/2020 04:44	1	K18626.D	Rtx-624 0.25(mm)
LCS 460-720746/3		08/31/2020 05:08	1	K18627.D	Rtx-624 0.25(mm)
LCSD 460-720746/4		08/31/2020 05:32	1	K18628.D	Rtx-624 0.25(mm)
MB 460-720746/7		08/31/2020 06:54	1	K18631.D	Rtx-624 0.25(mm)
LB3 460-720439/1-A		08/31/2020 07:18	1	K18632.D	Rtx-624 0.25(mm)
460-217009-2	SB-10_17-19_20200827	08/31/2020 08:04	1	K18634.D	Rtx-624 0.25(mm)
460-217009-4	SB-18_16-18_20200827	08/31/2020 08:28	1	K18635.D	Rtx-624 0.25(mm)
460-217009-5	SB-05_1-3_20200827	08/31/2020 08:51	1	K18636.D	Rtx-624 0.25(mm)
460-217009-6	SB-07_0-2_20200827	08/31/2020 09:14	1	K18637.D	Rtx-624 0.25(mm)
460-217009-7	SB-07_6-8_20200827	08/31/2020 09:37	1	K18638.D	Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 11:34	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 12:21	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 12:45	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 13:08	1		Rtx-624 0.25(mm)
ZZZZZ		08/31/2020 14:18	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 09/01/2020 08:06

Analysis Batch Number: 721040 End Date: 09/01/2020 17:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-721040/1		09/01/2020 08:06	1	K18652.D	Rtx-624 0.25(mm)
CCVIS 460-721040/2		09/01/2020 08:37	1	K18653.D	Rtx-624 0.25(mm)
LCS 460-721040/6		09/01/2020 10:10	1	K18657.D	Rtx-624 0.25(mm)
LCSD 460-721040/7		09/01/2020 10:34	1	K18658.D	Rtx-624 0.25(mm)
MB 460-721040/9		09/01/2020 11:20	1	K18660.D	Rtx-624 0.25(mm)
460-217009-1	SB-10_1-3_20200827	09/01/2020 11:43	1	K18661.D	Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 12:06	1		Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 12:30	1		Rtx-624 0.25(mm)
460-217009-11	SB-06_17-19_20200827	09/01/2020 12:53	1	K18664.D	Rtx-624 0.25(mm)
460-217009-10	SB-06_6-8_20200827	09/01/2020 13:16	1	K18665.D	Rtx-624 0.25(mm)
460-217009-9	SB-06_3-5_20200827	09/01/2020 13:40	1	K18666.D	Rtx-624 0.25(mm)
460-217009-8	SB-07_15-17_20200827	09/01/2020 14:03	1	K18667.D	Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 14:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 15:13	1		Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 15:36	1		Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 15:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 16:46	1		Rtx-624 0.25(mm)
ZZZZZ		09/01/2020 17:10	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00116	524freon 00024	8260 SP 00127	8260ISNEW 00129
BFB 460-706917/1		8260C		5 mL	5 mL				
STD7 460-706917/3 IC		8260C		5 mL	5 mL				1 uL
STD5 460-706917/5 IC		8260C		5 mL	5 mL		10 uL		1 uL
STD20 460-706917/6 ICIS		8260C		5 mL	5 mL		20 uL		1 uL
STD50 460-706917/7 IC		8260C		5 mL	5 mL		50 uL		1 uL
STD200 460-706917/8 IC		8260C		5 mL	5 mL				1 uL
STD500 460-706917/9 IC		8260C		5 mL	5 mL				1 uL
STD1 460-706917/17 IC		8260C		5 mL	5 mL	30 uL	10 uL		1 uL
ICV 460-706917/19		8260C		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00120	8260SURR250 00209	8FreonHi 00020	8FreonsSS 00021	ACROLEIN SP 00114	ACROLEIN W 00108
BFB 460-706917/1		8260C							
STD7 460-706917/3 IC		8260C			1 uL				
STD5 460-706917/5 IC		8260C		10 uL	1 uL				4 uL
STD20 460-706917/6 ICIS		8260C		20 uL	1 uL				4 uL
STD50 460-706917/7 IC		8260C		50 uL	1 uL				10 uL
STD200 460-706917/8 IC		8260C			1 uL	20 uL			20 uL
STD500 460-706917/9 IC		8260C			1 uL	50 uL			40 uL
STD1 460-706917/17 IC		8260C		10 uL	1 uL				4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00120	8260SURR250 00209	8FreonHi 00020	8FreonsSS 00021	ACROLEIN SP 00114	ACROLEIN W 00108
ICV 460-706917/19		8260C			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00075	BFB 00026	Ethanol mix 00041	GAS C SP 00363	GAS Hi 00365	GASES Li 00376
BFB 460-706917/1		8260C			1 uL				
STD7 460-706917/3 IC		8260C		20 uL					2.5 uL
STD5 460-706917/5 IC		8260C							10 uL
STD20 460-706917/6 ICIS		8260C							20 uL
STD50 460-706917/7 IC		8260C							50 uL
STD200 460-706917/8 IC		8260C				20 uL		20 uL	
STD500 460-706917/9 IC		8260C				50 uL		50 uL	
STD1 460-706917/17 IC		8260C							10 uL
ICV 460-706917/19		8260C					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00100	MIX I Hi 00127				
BFB 460-706917/1		8260C							
STD7 460-706917/3 IC		8260C							
STD5 460-706917/5 IC		8260C							
STD20 460-706917/6 ICIS		8260C							
STD50 460-706917/7 IC		8260C							
STD200 460-706917/8 IC		8260C		20 uL	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00100	MIX I Hi 00127				
STD500 460-706917/9 IC		8260C		50 uL	50 uL				
STD1 460-706917/17 IC		8260C							
ICV 460-706917/19		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 713559 Batch Start Date: 08/02/20 23:21 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00117	524freon 00025	8260 SP 00128	8260MIX1COMB 00122
BFB 460-713559/1		8260C		5 mL	5 mL				
STD8 460-713559/4 IC		8260C		5 mL	5 mL				
STD05 460-713559/5 IC		8260C		5 mL	5 mL	15 uL	5 uL		5 uL
STD5 460-713559/7 IC		8260C		5 mL	5 mL		10 uL		10 uL
STD20 460-713559/8 ICIS		8260C		5 mL	5 mL		20 uL		20 uL
STD50 460-713559/9 IC		8260C		5 mL	5 mL		50 uL		50 uL
STD200 460-713559/10 IC		8260C		5 mL	5 mL				
STD500 460-713559/11 IC		8260C		5 mL	5 mL				
STD1 460-713559/18 IC		8260C		5 mL	5 mL	30 uL	10 uL		10 uL
ICV 460-713559/20		8260C		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00021	8FreonsSS 00022	ACROLEIN SP 00115	ACROLEIN W 00109	ACRY/EPIH MIX 00076	BFB 00026
BFB 460-713559/1		8260C							1 uL
STD8 460-713559/4 IC		8260C						20 uL	
STD05 460-713559/5 IC		8260C					2 uL		
STD5 460-713559/7 IC		8260C					4 uL		
STD20 460-713559/8 ICIS		8260C					4 uL		
STD50 460-713559/9 IC		8260C					10 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 713559 Batch Start Date: 08/02/20 23:21 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00021	8FreonsSS 00022	ACROLEIN SP 00115	ACROLEIN W 00109	ACRY/EPIH MIX 00076	BFB 00026
STD200 460-713559/10 IC		8260C		20 uL			20 uL		
STD500 460-713559/11 IC		8260C		50 uL			40 uL		
STD1 460-713559/18 IC		8260C					4 uL		
ICV 460-713559/20		8260C			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00042	GAS C SP 00367	GAS Hi 00367	GASES Li 00379	MIX 2 Hi 00101	MIX I Hi 00128
BFB 460-713559/1		8260C							
STD8 460-713559/4 IC		8260C					2.5 uL		
STD05 460-713559/5 IC		8260C					5 uL		
STD5 460-713559/7 IC		8260C					10 uL		
STD20 460-713559/8 ICIS		8260C					20 uL		
STD50 460-713559/9 IC		8260C					50 uL		
STD200 460-713559/10 IC		8260C		20 uL		20 uL		20 uL	20 uL
STD500 460-713559/11 IC		8260C		50 uL		50 uL		50 uL	50 uL
STD1 460-713559/18 IC		8260C					10 uL		
ICV 460-713559/20		8260C			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00038

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 713559 Batch Start Date: 08/02/20 23:21 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00038					
BFB 460-713559/1		8260C							
STD8 460-713559/4 IC		8260C		5 uL					
STD05 460-713559/5 IC		8260C		5 uL					
STD5 460-713559/7 IC		8260C		5 uL					
STD20 460-713559/8 ICIS		8260C		5 uL					
STD50 460-713559/9 IC		8260C		5 uL					
STD200 460-713559/10 IC		8260C		5 uL					
STD500 460-713559/11 IC		8260C		5 uL					
STD1 460-713559/18 IC		8260C		5 uL					
ICV 460-713559/20		8260C		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 714481 Batch Start Date: 08/06/20 09:00 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00117	524freon 00025	8260 SP 00128	8260MIX1COMB 00123
BFB 460-714481/1		8260C		5 mL	5 mL				
STD8 460-714481/2 IC		8260C		5 mL	5 mL				
STD05 460-714481/3 IC		8260C		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-714481/4 IC		8260C		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-714481/5 IC		8260C		5 mL	5 mL		10 uL		10 uL
STD20 460-714481/6 ICIS		8260C		5 mL	5 mL		20 uL		20 uL
STD50 460-714481/7 IC		8260C		5 mL	5 mL		50 uL		50 uL
STD200 460-714481/8 IC		8260C		5 mL	5 mL				
STD500 460-714481/9 IC		8260C		5 mL	5 mL				
ICV 460-714481/15		8260C		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00021	8FreonsSS 00022	ACROLEIN SP 00115	ACROLEIN W 00110	ACRY/EPIH MIX 00076	Ethanol mix 00042
BFB 460-714481/1		8260C							
STD8 460-714481/2 IC		8260C						20 uL	
STD05 460-714481/3 IC		8260C					2 uL		
STD1 460-714481/4 IC		8260C					4 uL		
STD5 460-714481/5 IC		8260C					4 uL		
STD20 460-714481/6 ICIS		8260C					4 uL		
STD50 460-714481/7 IC		8260C					10 uL		
STD200 460-714481/8 IC		8260C		20 uL			20 uL		20 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 714481 Batch Start Date: 08/06/20 09:00 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00021	8FreonsSS 00022	ACROLEIN SP 00115	ACROLEIN W 00110	ACRY/EPIH MIX 00076	Ethanol mix 00042
STD500 460-714481/9 IC		8260C		50 uL			40 uL		50 uL
ICV 460-714481/15		8260C			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00368	GAS Hi 00368	GASES Li 00380	MIX 2 Hi 00101	MIX I Hi 00128	VMBFBn 00005
BFB 460-714481/1		8260C							1 uL
STD8 460-714481/2 IC		8260C				2.5 uL			
STD05 460-714481/3 IC		8260C				5 uL			
STD1 460-714481/4 IC		8260C				10 uL			
STD5 460-714481/5 IC		8260C				10 uL			
STD20 460-714481/6 ICIS		8260C				20 uL			
STD50 460-714481/7 IC		8260C				50 uL			
STD200 460-714481/8 IC		8260C			20 uL		20 uL	20 uL	
STD500 460-714481/9 IC		8260C			50 uL		50 uL	50 uL	
ICV 460-714481/15		8260C		20 uL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00040					
BFB 460-714481/1		8260C							
STD8 460-714481/2 IC		8260C		5 uL					
STD05 460-714481/3 IC		8260C		5 uL					
STD1 460-714481/4 IC		8260C		5 uL					
STD5 460-714481/5 IC		8260C		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 714481 Batch Start Date: 08/06/20 09:00 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00040					
STD20 460-714481/6 ICIS		8260C		5 uL					
STD50 460-714481/7 IC		8260C		5 uL					
STD200 460-714481/8 IC		8260C		5 uL					
STD500 460-714481/9 IC		8260C		5 uL					
ICV 460-714481/15		8260C		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 716937 Batch Start Date: 08/15/20 03:59 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00118	524freon 00026	8260 SP 00128	8260ISNEW 00129
BFB 460-716937/1		8260C		5 mL	5 mL				
STD7 460-716937/3 IC		8260C		5 mL	5 mL				1 uL
STD1 460-716937/4 IC		8260C		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-716937/5 IC		8260C		5 mL	5 mL		10 uL		1 uL
STD20 460-716937/6 ICIS		8260C		5 mL	5 mL		20 uL		1 uL
STD50 460-716937/7 IC		8260C		5 mL	5 mL		50 uL		1 uL
STD200 460-716937/8 IC		8260C		5 mL	5 mL				1 uL
STD500 460-716937/9 IC		8260C		5 mL	5 mL				1 uL
ICV 460-716937/16		8260C		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00123	8260SURR250 00210	8FreonHi 00022	8FreonsSS 00023	ACROLEIN SP 00115	ACROLEIN W 00110
BFB 460-716937/1		8260C							
STD7 460-716937/3 IC		8260C			1 uL				
STD1 460-716937/4 IC		8260C		10 uL	1 uL				4 uL
STD5 460-716937/5 IC		8260C		10 uL	1 uL				4 uL
STD20 460-716937/6 ICIS		8260C		20 uL	1 uL				4 uL
STD50 460-716937/7 IC		8260C		50 uL	1 uL				10 uL
STD200 460-716937/8 IC		8260C			1 uL	20 uL			20 uL
STD500 460-716937/9 IC		8260C			1 uL	50 uL			40 uL
ICV 460-716937/16		8260C			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 716937 Batch Start Date: 08/15/20 03:59 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00076	BFB 00026	Ethanol mix 00043	GAS C SP 00369	GAS Hi 00368	GASES Li 00381
BFB 460-716937/1		8260C			1 uL				
STD7 460-716937/3 IC		8260C		20 uL					2.5 uL
STD1 460-716937/4 IC		8260C							10 uL
STD5 460-716937/5 IC		8260C							10 uL
STD20 460-716937/6 ICIS		8260C							20 uL
STD50 460-716937/7 IC		8260C							50 uL
STD200 460-716937/8 IC		8260C				20 uL		20 uL	
STD500 460-716937/9 IC		8260C				50 uL		50 uL	
ICV 460-716937/16		8260C					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00101	MIX I Hi 00128				
BFB 460-716937/1		8260C							
STD7 460-716937/3 IC		8260C							
STD1 460-716937/4 IC		8260C							
STD5 460-716937/5 IC		8260C							
STD20 460-716937/6 ICIS		8260C							
STD50 460-716937/7 IC		8260C							
STD200 460-716937/8 IC		8260C		20 uL	20 uL				
STD500 460-716937/9 IC		8260C		50 uL	50 uL				
ICV 460-716937/16		8260C							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 716937 Batch Start Date: 08/15/20 03:59 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 719834 Batch Start Date: 08/26/20 19:59 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 08/26/20 20:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-719834/1		5035, 8260C		5 g	5 mL				
460-216817-C-1	SB-04_2-4_20200825	5035, 8260C	T	3.94 g	5 mL				
460-216817-C-2	SB-02_0-2_20200825	5035, 8260C	T	4.18 g	5 mL				
460-216817-C-3	SB-01_1-3_20200825	5035, 8260C	T	4.04 g	5 mL				
460-216817-C-4	SB-09_1-3_20200825	5035, 8260C	T	2.98 g	5 mL				
460-216817-C-5	SB-03_0-2_20200825	5035, 8260C	T	3.87 g	5 mL				
460-216817-C-6	SB-08_2-4_20200825	5035, 8260C	T	3.96 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720136 Batch Start Date: 08/27/20 19:14 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 08/27/20 19:23

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-720136/1		5035, 8260C		5 g	5 mL				
460-216927-B-1	SB-15_0-2_20200826	5035, 8260C	T	3.97 g	5 mL				
460-216927-C-2	SB-16_1-3_20200826	5035, 8260C	T	4.12 g	5 mL				
460-216927-C-3	SB-17_0-2_20200826	5035, 8260C	T	4.61 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720210 Batch Start Date: 08/28/20 07:14 Batch Analyst: Desai, Saurab

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00026	8260MIX1COMB 00124	ACROLEIN W 00111
BFB 460-720210/1		8260C		5 mL	5 mL				
CCVIS 460-720210/2		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-720210/3		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-720210/4		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-720210/7		8260C		5 mL	5 mL				
460-216817-B-7	TB_20200825	8260C	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383	VOA6IS/SURR 00038			
BFB 460-720210/1		8260C		1 uL					
CCVIS 460-720210/2		8260C			20 uL	5 uL			
LCS 460-720210/3		8260C			20 uL	5 uL			
LCSD 460-720210/4		8260C			20 uL	5 uL			
MB 460-720210/7		8260C				5 uL			
460-216817-B-7	TB_20200825	8260C	T			5 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720240 Batch Start Date: 08/28/20 09:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00120	8260MIX1COMB 00124	8260SURR250 00211	ACROLEIN W 00111
BFB 460-720240/1		8260C		5 mL	5 mL				
CCVIS 460-720240/3		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCS 460-720240/4		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCSD 460-720240/5		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
MB 460-720240/8		8260C		5 mL	5 mL	1 uL		1 uL	
LB3 460-719834/1-A		8260C		5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
BFB 460-720240/1		8260C		1 uL					
CCVIS 460-720240/3		8260C			2 uL				
LCS 460-720240/4		8260C			2 uL				
LCSD 460-720240/5		8260C			2 uL				
MB 460-720240/8		8260C							
LB3 460-719834/1-A		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720347 Batch Start Date: 08/28/20 16:26 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00026	8260ISNEW 00119	8260MIX1COMB 00123	8260SURR250 00212
BFB 460-720347/1		8260C		5 mL	5 mL				
CCVIS 460-720347/3		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-720347/4		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-720347/7		8260C		5 mL	5 mL		1 uL		1 uL
LCS 460-720347/10		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
460-216817-C-4-A	SB-09_1-3_20200825	8260C	T	5 mL	5 mL		1 uL		1 uL
460-216817-C-5-A	SB-03_0-2_20200825	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00383			
BFB 460-720347/1		8260C			1 uL				
CCVIS 460-720347/3		8260C		3 uL		2 uL			
LCSD 460-720347/4		8260C		3 uL		2 uL			
MB 460-720347/7		8260C							
LCS 460-720347/10		8260C		3 uL		2 uL			
460-216817-C-4-A	SB-09_1-3_20200825	8260C	T						
460-216817-C-5-A	SB-03_0-2_20200825	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720436 Batch Start Date: 08/28/20 20:55 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 08/28/20 21:03

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VMC8PrepSU 00474			
460-217009-B-3	SB-18_3-5_20200827	5035, 8260C	T	5.87 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720439 Batch Start Date: 08/28/20 21:04 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 08/28/20 21:23

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-720439/1		5035, 8260C		5 g	5 mL				
460-217009-D-1	SB-10_1-3_20200827	5035, 8260C	T	5.85 g	5 mL				
460-217009-C-2	SB-10_17-19_20200827	5035, 8260C	T	4.53 g	5 mL				
460-217009-C-4	SB-18_16-18_20200827	5035, 8260C	T	4.38 g	5 mL				
460-217009-C-5	SB-05_1-3_20200827	5035, 8260C	T	3.40 g	5 mL				
460-217009-C-6	SB-07_0-2_20200827	5035, 8260C	T	4.10 g	5 mL				
460-217009-D-7	SB-07_6-8_20200827	5035, 8260C	T	4.78 g	5 mL				
460-217009-D-8	SB-07_15-17_20200827	5035, 8260C	T	4.52 g	5 mL				
460-217009-D-9	SB-06_3-5_20200827	5035, 8260C	T	4.95 g	5 mL				
460-217009-D-10	SB-06_6-8_20200827	5035, 8260C	T	4.43 g	5 mL				
460-217009-D-11	SB-06_17-19_20200827	5035, 8260C	T	4.39 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720465 Batch Start Date: 08/29/20 04:48 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00026	8260ISNEW 00119	8260MIX1COMB 00123	8260SURR250 00212
BFB 460-720465/1		8260C		5 mL	5 mL				
CCVIS 460-720465/2		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-720465/3		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-720465/4		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-720465/7		8260C		5 mL	5 mL		1 uL		1 uL
460-216817-C-1-A	SB-04_2-4_20200825	8260C	T	5 mL	5 mL		1 uL		1 uL
460-216817-C-2-A	SB-02_0-2_20200825	8260C	T	5 mL	5 mL		1 uL		1 uL
460-216817-C-3-A	SB-01_1-3_20200825	8260C	T	5 mL	5 mL		1 uL		1 uL
460-216817-C-6-A	SB-08_2-4_20200825	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00383			
BFB 460-720465/1		8260C			1 uL				
CCVIS 460-720465/2		8260C		3 uL		2 uL			
LCS 460-720465/3		8260C		3 uL		2 uL			
LCSD 460-720465/4		8260C		3 uL		2 uL			
MB 460-720465/7		8260C							
460-216817-C-1-A	SB-04_2-4_20200825	8260C	T						
460-216817-C-2-A	SB-02_0-2_20200825	8260C	T						
460-216817-C-3-A	SB-01_1-3_20200825	8260C	T						
460-216817-C-6-A	SB-08_2-4_20200825	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720465 Batch Start Date: 08/29/20 04:48 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720508 Batch Start Date: 08/29/20 09:29 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00120	8260MIX1COMB 00124	8260SURR250 00211	ACROLEIN W 00111
BFB 460-720508/1		8260C		5 mL	5 mL				
CCVIS 460-720508/2		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCS 460-720508/3		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCSD 460-720508/4		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
MB 460-720508/7		8260C		5 mL	5 mL	1 uL		1 uL	
LB3 460-720136/1-A		8260C		5 mL	5 mL	1 uL		1 uL	
460-216927-B-1-A	SB-15_0-2_20200826	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-216927-C-2-A	SB-16_1-3_20200826	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-216927-C-3-A	SB-17_0-2_20200826	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
BFB 460-720508/1		8260C		1 uL					
CCVIS 460-720508/2		8260C			2 uL				
LCS 460-720508/3		8260C			2 uL				
LCSD 460-720508/4		8260C			2 uL				
MB 460-720508/7		8260C							
LB3 460-720136/1-A		8260C							
460-216927-B-1-A	SB-15_0-2_20200826	8260C	T						
460-216927-C-2-A	SB-16_1-3_20200826	8260C	T						
460-216927-C-3-A	SB-17_0-2_20200826	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720508 Batch Start Date: 08/29/20 09:29 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720511 Batch Start Date: 08/29/20 09:32 Batch Analyst: Tupayachi, Audberto

Batch Method: 5035 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-720511/1		5035, 8260C		5 g	5 mL				
460-217095-B-1	SB-12_0-2_20200828	5035, 8260C	T	5.01 g	5 mL				
460-217095-B-2	SB-13_1-3_20200828	5035, 8260C	T	3.55 g	5 mL				
460-217095-B-3	SB-14_2-4_20200828	5035, 8260C	T	3.18 g	5 mL				
460-217095-B-4	SB-11_3-5_20200828	5035, 8260C	T	5.18 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720644 Batch Start Date: 08/30/20 08:56 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00129	8260MIX1COMB 00124	8260SURR250 00210
BFB 460-720644/1		8260C		5 mL	5 mL				
CCVIS 460-720644/4		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-720644/5		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-720644/9		8260C		5 mL	5 mL		1 uL		1 uL
460-217095-A-5	TB_20200828	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
LCSD 460-720644/29		8260C		5 mL	5 mL		1 uL	20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00383			
BFB 460-720644/1		8260C			1 uL				
CCVIS 460-720644/4		8260C		4 uL		20 uL			
LCS 460-720644/5		8260C		4 uL		20 uL			
MB 460-720644/9		8260C							
460-217095-A-5	TB_20200828	8260C	T						
LCSD 460-720644/29		8260C		4 uL		20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720646 Batch Start Date: 08/30/20 10:32 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00140	8260MIX1COMB 00124	8260SURR250 00210	ACROLEIN W 00111
BFB 460-720646/1		8260C		5 mL	5 mL				
CCVIS 460-720646/2		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-720646/3		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCSD 460-720646/4		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-720646/8		8260C		5 mL	5 mL	1 uL		1 uL	
460-217009-B-3-A	SB-18_3-5_20200827	8260C	T	5 mL	5 mL	1 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
BFB 460-720646/1		8260C		1 uL					
CCVIS 460-720646/2		8260C			20 uL				
LCS 460-720646/3		8260C			20 uL				
LCSD 460-720646/4		8260C			20 uL				
MB 460-720646/8		8260C							
460-217009-B-3-A	SB-18_3-5_20200827	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720741 Batch Start Date: 08/31/20 04:13 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00119	8260MIX1COMB 00124	8260SURR250 00211	ACROLEIN W 00111
BFB 460-720741/1		8260C		5 mL	5 mL				
CCVIS 460-720741/2		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCS 460-720741/3		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCSD 460-720741/4		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
MB 460-720741/7		8260C		5 mL	5 mL	1 uL		1 uL	
LB3 460-720511/1-A		8260C		5 mL	5 mL	1 uL		1 uL	
460-217095-B-1-A	SB-12_0-2_20200828	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217095-B-2-A	SB-13_1-3_20200828	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217095-B-3-A	SB-14_2-4_20200828	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217095-B-4-A	SB-11_3-5_20200828	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
BFB 460-720741/1		8260C		1 uL					
CCVIS 460-720741/2		8260C			2 uL				
LCS 460-720741/3		8260C			2 uL				
LCSD 460-720741/4		8260C			2 uL				
MB 460-720741/7		8260C							
LB3 460-720511/1-A		8260C							
460-217095-B-1-A	SB-12_0-2_20200828	8260C	T						
460-217095-B-2-A	SB-13_1-3_20200828	8260C	T						
460-217095-B-3-A	SB-14_2-4_20200828	8260C	T						
460-217095-B-4-A	SB-11_3-5_20200828	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720741 Batch Start Date: 08/31/20 04:13 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720746 Batch Start Date: 08/31/20 04:18 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00120	8260MIX1COMB 00124	8260SURR250 00211	ACROLEIN W 00111
BFB 460-720746/1		8260C		5 mL	5 mL				
CCVIS 460-720746/2		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCS 460-720746/3		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCSD 460-720746/4		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
MB 460-720746/7		8260C		5 mL	5 mL	1 uL		1 uL	
LB3 460-720439/1-A		8260C		5 mL	5 mL	1 uL		1 uL	
460-217009-C-2-A	SB-10_17-19_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-C-4-A	SB-18_16-18_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-C-5-A	SB-05_1-3_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-C-6-A	SB-07_0-2_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-D-7-A	SB-07_6-8_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
BFB 460-720746/1		8260C		1 uL					
CCVIS 460-720746/2		8260C			2 uL				
LCS 460-720746/3		8260C			2 uL				
LCSD 460-720746/4		8260C			2 uL				
MB 460-720746/7		8260C							
LB3 460-720439/1-A		8260C							
460-217009-C-2-A	SB-10_17-19_20200827	8260C	T						
460-217009-C-4-A	SB-18_16-18_20200827	8260C	T						
460-217009-C-5-A	SB-05_1-3_20200827	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720746 Batch Start Date: 08/31/20 04:18 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
460-217009-C-6-A	SB-07_0-2_20200827	8260C	T						
460-217009-D-7-A	SB-07_6-8_20200827	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721040 Batch Start Date: 09/01/20 08:06 Batch Analyst: Starzec, Margaret

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00120	8260MIX1COMB 00124	8260SURR250 00211	ACROLEIN W 00111
BFB 460-721040/1		8260C		5 mL	5 mL				
CCVIS 460-721040/2		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCS 460-721040/6		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCSD 460-721040/7		8260C		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
MB 460-721040/9		8260C		5 mL	5 mL	1 uL		1 uL	
460-217009-D-1-A	SB-10_1-3_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-D-11-A	SB-06_17-19_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-D-10-A	SB-06_6-8_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-D-9-A	SB-06_3-5_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-217009-D-8-A	SB-07_15-17_20200827	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00026	GASES Li 00383				
BFB 460-721040/1		8260C		1 uL					
CCVIS 460-721040/2		8260C			2 uL				
LCS 460-721040/6		8260C			2 uL				
LCSD 460-721040/7		8260C			2 uL				
MB 460-721040/9		8260C							
460-217009-D-1-A	SB-10_1-3_20200827	8260C	T						
460-217009-D-11-A	SB-06_17-19_20200827	8260C	T						
460-217009-D-10-A	SB-06_6-8_20200827	8260C	T						
460-217009-D-9-A	SB-06_3-5_20200827	8260C	T						
460-217009-D-8-A	SB-07_15-17_20200827	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721040 Batch Start Date: 09/01/20 08:06 Batch Analyst: Starzec, Margaret

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721264 Batch Start Date: 09/02/20 06:20 Batch Analyst: Desai, Saurab

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00026	8260MIX1COMB 00124	ACROLEIN W 00111
BFB 460-721264/1		8260C		5 mL	5 mL				
CCVIS 460-721264/2		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-721264/3		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-721264/4		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-721264/7		8260C		5 mL	5 mL				
460-217163-B-2	TW-18_20200828	8260C	T	5 mL	5 mL	<2 SU			
460-217163-B-3	TW-16_20200828	8260C	T	5 mL	5 mL	7 SU			
460-217163-B-4	TW-13_20200828	8260C	T	5 mL	5 mL	<2 SU			
460-217163-A-5	TW-07_20200828	8260C	T	5 mL	5 mL	<2 SU			
460-217163-A-6	TW-10_20200828	8260C	T	5 mL	5 mL	<2 SU			
460-217163-A-7	TW-09_20200828	8260C	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00384	VMBFBn 00005	VOA6IS/SURR 00040			
BFB 460-721264/1		8260C			1 uL				
CCVIS 460-721264/2		8260C		20 uL		5 uL			
LCS 460-721264/3		8260C		20 uL		5 uL			
LCSD 460-721264/4		8260C		20 uL		5 uL			
MB 460-721264/7		8260C				5 uL			
460-217163-B-2	TW-18_20200828	8260C	T			5 uL			
460-217163-B-3	TW-16_20200828	8260C	T			5 uL			
460-217163-B-4	TW-13_20200828	8260C	T			5 uL			
460-217163-A-5	TW-07_20200828	8260C	T			5 uL			
460-217163-A-6	TW-10_20200828	8260C	T			5 uL			
460-217163-A-7	TW-09_20200828	8260C	T			5 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721264 Batch Start Date: 09/02/20 06:20 Batch Analyst: Desai, Saurab

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721282 Batch Start Date: 09/02/20 07:17 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00129	8260MIX1COMB 00124	8260SURR250 00211
BFB 460-721282/1		8260C		5 mL	5 mL				
CCVIS 460-721282/4		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-721282/5		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-721282/9		8260C		5 mL	5 mL		1 uL		1 uL
460-217152-B-18 MS	Y-MW10S_20200826	8260C	T	5 mL	5 mL	<2 SU	1 uL	20 uL	1 uL
460-217152-B-18 MSD	Y-MW10S_20200826	8260C	T	5 mL	5 mL	<2 SU	1 uL	20 uL	1 uL
460-217143-B-1	TW-04_20200827	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00384			
BFB 460-721282/1		8260C			1 uL				
CCVIS 460-721282/4		8260C		4 uL		20 uL			
LCS 460-721282/5		8260C		4 uL		20 uL			
MB 460-721282/9		8260C							
460-217152-B-18 MS	Y-MW10S_20200826	8260C	T	4 uL		20 uL			
460-217152-B-18 MSD	Y-MW10S_20200826	8260C	T	4 uL		20 uL			
460-217143-B-1	TW-04_20200827	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721508 Batch Start Date: 09/02/20 19:22 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00026	8260MIX1COMB 00124	ACROLEIN W 00111
BFB 460-721508/1		8260C		5 mL	5 mL				
CCVIS 460-721508/2		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-721508/3		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-721508/4		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-721508/8		8260C		5 mL	5 mL				
460-217163-B-1	TW-01_20200828	8260C	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00384	VMBFBn 00005	VOA6IS/SURR 00040			
BFB 460-721508/1		8260C			1 uL				
CCVIS 460-721508/2		8260C		20 uL		5 uL			
LCS 460-721508/3		8260C		20 uL		5 uL			
LCSD 460-721508/4		8260C		20 uL		5 uL			
MB 460-721508/8		8260C				5 uL			
460-217163-B-1	TW-01_20200828	8260C	T			5 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270D

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
SB-04_2-4_20200825	460-216817-1	62	61	74
SB-02_0-2_20200825	460-216817-2	67	67	78
SB-01_1-3_20200825	460-216817-3	56	57	58
SB-09_1-3_20200825	460-216817-4	56	56	65
SB-03_0-2_20200825	460-216817-5	47	46	55
SB-08_2-4_20200825	460-216817-6	75	71	82
SB-15_0-2_20200826	460-216927-1	56	59	65
SB-16_1-3_20200826	460-216927-2	54	60	62
SB-17_0-2_20200826	460-216927-3	50	55	56
SB-10_1-3_20200827	460-217009-1	47	44	66
SB-10_17-19_20200827	460-217009-2	45	44	52
SB-18_3-5_20200827	460-217009-3	56	52	56
SB-18_16-18_20200827	460-217009-4	56	57	66
SB-05_1-3_20200827	460-217009-5	62	60	74
SB-07_0-2_20200827	460-217009-6	71	72	87
SB-07_6-8_20200827	460-217009-7	59	62	74
SB-07_15-17_20200827	460-217009-8	63	64	81
SB-06_3-5_20200827	460-217009-9	58	59	72
SB-06_6-8_20200827	460-217009-10	67	67	83
SB-06_17-19_20200827	460-217009-11	56	57	71
SB-12_0-2_20200828	460-217095-1	69	73	109
SB-13_1-3_20200828	460-217095-2	81	86	109
SB-14_2-4_20200828	460-217095-3	74	78	106
SB-11_3-5_20200828	460-217095-4	77	83	107
	MB 460-719969/1-A	97	91	114
	MB 460-720271/1-A	67	65	73
	MB 460-720378/1-A	86	85	104
	MB 460-720963/1-A	75	75	86
	LCS 460-719969/2-A	98	97	109
	LCS 460-720271/2-A	80	79	90

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	19-105
FBP = 2-Fluorobiphenyl	25-104
TPHL = Terphenyl-d14 (Surr)	25-127

Column to be used to flag recovery values

FORM II 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
	LCS 460-720378/2-A	76	77	89
	LCS 460-720963/2-A	72	76	85
	LCSD 460-720271/3-A	74	71	79
	LCSD 460-720963/3-A	72	76	86
SB-10_1-3_20200827 MS	460-217009-1 MS	48	52	64
	460-216232-A-6-A MS	50	52	53
	460-216576-A-1-C MS	38	40	46
SB-10_1-3_20200827 MSD	460-217009-1 MSD	61	64	79
	460-216232-A-6-B MSD	52	54	52
	460-216576-A-1-D MSD	46	47	52

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	19-105
FBP = 2-Fluorobiphenyl	25-104
TPHL = Terphenyl-d14 (Surr)	25-127

Column to be used to flag recovery values

FORM II 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
TW-04_20200827	460-217143-1	59	63	78
TW-01_20200828	460-217163-1	96	91	92
TW-18_20200828	460-217163-2	93	90	77
TW-16_20200828	460-217163-3	103	99	97
TW-13_20200828	460-217163-4	96	96	83
TW-07_20200828	460-217163-5	97	93	93
TW-10_20200828	460-217163-6	96	94	88
TW-09_20200828	460-217163-7	94	90	89
	MB 460-720639/1-A	89	91	116
	MB 460-721059/1-A	88	83	92
	LCS 460-720639/2-A	89	90	101
	LCS 460-721059/2-A	90	83	89
	LCSD 460-720639/3-A	89	92	99
	LCSD 460-721059/3-A	90	82	87
	460-217132-F-1-A MS	52	54	58
	460-217132-G-1-A MSD	61	63	66

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	46-137
FBP = 2-Fluorobiphenyl	42-127
TPHL = Terphenyl-d14 (Surr)	39-150

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L33421.d

Lab ID: LCS 460-719969/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	3.29	99	63-107	
1,2-Dichlorobenzene	3.33	3.04	91	60-100	
1,3-Dichlorobenzene	3.33	3.00	90	59-99	
1,4-Dichlorobenzene	3.33	2.98	89	60-100	
1,4-Dioxane	3.33	2.29	69	31-81	
2,2'-oxybis[1-chloropropane]	3.33	3.25	98	49-109	
2,4-Dinitrotoluene	3.33	3.80	114	65-124	
2,6-Dinitrotoluene	3.33	3.83	115	67-121	
2-Chloronaphthalene	3.33	3.44	103	65-109	
2-Methylnaphthalene	3.33	3.16	95	64-108	
2-Nitroaniline	3.33	3.92	118	59-119	
3,3'-Dichlorobenzidine	3.33	1.94	58	4-119	
3-Nitroaniline	3.33	2.86	86	31-102	
4-Bromophenyl phenyl ether	3.33	3.31	99	67-113	
4-Chloroaniline	3.33	2.09	63	20-98	
4-Chlorophenyl phenyl ether	3.33	3.41	102	66-110	
4-Nitroaniline	3.33	3.02	91	50-110	
Acenaphthene	3.33	3.03	91	53-110	
Acenaphthylene	3.33	3.38	102	64-108	
Anthracene	3.33	3.25	97	67-114	
Benzo[a]anthracene	3.33	3.08	92	67-115	
Benzo[a]pyrene	3.33	3.66	110	63-108	*
Benzo[b]fluoranthene	3.33	3.79	114	64-116	
Benzo[g,h,i]perylene	3.33	3.75	112	61-113	
Benzo[k]fluoranthene	3.33	3.42	103	67-115	
Bis(2-chloroethoxy)methane	3.33	3.02	91	62-107	
Bis(2-chloroethyl)ether	3.33	2.92	88	60-107	
Bis(2-ethylhexyl) phthalate	3.33	3.38	101	69-124	
Butyl benzyl phthalate	3.33	3.56	107	70-123	
Carbazole	3.33	3.10	93	64-113	
Chrysene	3.33	3.11	93	71-122	
Dibenz(a,h)anthracene	3.33	4.07	122	66-119	*
Dibenzofuran	3.33	3.34	100	65-108	
Diethyl phthalate	3.33	3.23	97	63-109	
Dimethyl phthalate	3.33	3.34	100	65-109	
Di-n-butyl phthalate	3.33	3.13	94	66-114	
Di-n-octyl phthalate	3.33	3.87	116	65-122	
Fluoranthene	3.33	3.01	90	64-113	
Fluorene	3.33	3.34	100	65-109	
Hexachlorobenzene	3.33	3.17	95	70-119	
Hexachlorobutadiene	3.33	3.61	108	62-109	
Hexachlorocyclopentadiene	3.33	2.64	79	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L33421.d

Lab ID: LCS 460-719969/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Hexachloroethane	3.33	3.27	98	61-102	
Indeno[1,2,3-cd]pyrene	3.33	4.14	124	62-121	*
Isophorone	3.33	3.20	96	63-107	
Naphthalene	3.33	3.16	95	63-106	
Nitrobenzene	3.33	3.16	95	63-110	
N-Nitrosodi-n-propylamine	3.33	3.00	90	61-108	
N-Nitrosodiphenylamine	3.33	3.29	99	67-113	
Phenanthrene	3.33	3.25	97	66-112	
Pyrene	3.33	3.34	100	71-122	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516032.D

Lab ID: LCS 460-720271/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.81	84	63-107	
1,2-Dichlorobenzene	3.33	2.64	79	60-100	
1,3-Dichlorobenzene	3.33	2.65	79	59-99	
1,4-Dichlorobenzene	3.33	2.59	78	60-100	
1,4-Dioxane	3.33	2.00	60	31-81	
2,2'-oxybis[1-chloropropane]	3.33	2.60	78	49-109	
2,4-Dinitrotoluene	3.33	3.23	97	65-124	
2,6-Dinitrotoluene	3.33	3.39	102	67-121	
2-Chloronaphthalene	3.33	2.75	83	65-109	
2-Methylnaphthalene	3.33	2.81	84	64-108	
2-Nitroaniline	3.33	3.03	91	59-119	
3,3'-Dichlorobenzidine	3.33	2.69	81	4-119	
3-Nitroaniline	3.33	3.00	90	31-102	
4-Bromophenyl phenyl ether	3.33	2.94	88	67-113	
4-Chloroaniline	3.33	2.64	79	20-98	
4-Chlorophenyl phenyl ether	3.33	3.02	91	66-110	
4-Nitroaniline	3.33	2.93	88	50-110	
Acenaphthene	3.33	2.77	83	53-110	
Acenaphthylene	3.33	2.83	85	64-108	
Anthracene	3.33	2.81	84	67-114	
Benzo[a]anthracene	3.33	2.75	83	67-115	
Benzo[a]pyrene	3.33	3.26	98	63-108	
Benzo[b]fluoranthene	3.33	3.25	97	64-116	
Benzo[g,h,i]perylene	3.33	3.01	90	61-113	
Benzo[k]fluoranthene	3.33	3.21	96	67-115	
Bis(2-chloroethoxy)methane	3.33	2.72	81	62-107	
Bis(2-chloroethyl)ether	3.33	2.63	79	60-107	
Bis(2-ethylhexyl) phthalate	3.33	2.66	80	69-124	
Butyl benzyl phthalate	3.33	2.80	84	70-123	
Carbazole	3.33	2.73	82	64-113	
Chrysene	3.33	2.76	83	71-122	
Dibenz(a,h)anthracene	3.33	3.36	101	66-119	
Dibenzofuran	3.33	2.89	87	65-108	
Diethyl phthalate	3.33	2.85	86	63-109	
Dimethyl phthalate	3.33	2.86	86	65-109	
Di-n-butyl phthalate	3.33	2.74	82	66-114	
Di-n-octyl phthalate	3.33	3.09	93	65-122	
Fluoranthene	3.33	2.89	87	64-113	
Fluorene	3.33	2.85	86	65-109	
Hexachlorobenzene	3.33	2.72	82	70-119	
Hexachlorobutadiene	3.33	2.99	90	62-109	
Hexachlorocyclopentadiene	3.33	3.14	94	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516032.D

Lab ID: LCS 460-720271/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Hexachloroethane	3.33	2.61	78	61-102	
Indeno[1,2,3-cd]pyrene	3.33	3.24	97	62-121	
Isophorone	3.33	2.82	85	63-107	
Naphthalene	3.33	2.73	82	63-106	
Nitrobenzene	3.33	2.88	86	63-110	
N-Nitrosodi-n-propylamine	3.33	2.73	82	61-108	
N-Nitrosodiphenylamine	3.33	2.76	83	67-113	
Phenanthrene	3.33	2.75	83	66-112	
Pyrene	3.33	2.71	81	71-122	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z57870.d

Lab ID: LCS 460-720378/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.49	75	63-107	
1,2-Dichlorobenzene	3.33	2.42	72	60-100	
1,3-Dichlorobenzene	3.33	2.38	71	59-99	
1,4-Dichlorobenzene	3.33	2.36	71	60-100	
1,4-Dioxane	3.33	1.50	45	31-81	
2,2'-oxybis[1-chloropropane]	3.33	2.36	71	49-109	
2,4-Dinitrotoluene	3.33	2.68	81	65-124	
2,6-Dinitrotoluene	3.33	2.67	80	67-121	
2-Chloronaphthalene	3.33	2.51	75	65-109	
2-Methylnaphthalene	3.33	2.56	77	64-108	
2-Nitroaniline	3.33	2.42	73	59-119	
3,3'-Dichlorobenzidine	3.33	1.88	56	4-119	
3-Nitroaniline	3.33	2.15	65	31-102	
4-Bromophenyl phenyl ether	3.33	2.44	73	67-113	
4-Chloroaniline	3.33	2.06	62	20-98	
4-Chlorophenyl phenyl ether	3.33	2.58	77	66-110	
4-Nitroaniline	3.33	2.35	71	50-110	
Acenaphthene	3.33	2.22	67	53-110	
Acenaphthylene	3.33	2.56	77	64-108	
Anthracene	3.33	2.41	72	67-114	
Benzo[a]anthracene	3.33	2.36	71	67-115	
Benzo[a]pyrene	3.33	2.80	84	63-108	
Benzo[b]fluoranthene	3.33	2.97	89	64-116	
Benzo[g,h,i]perylene	3.33	2.44	73	61-113	
Benzo[k]fluoranthene	3.33	2.77	83	67-115	
Bis(2-chloroethoxy)methane	3.33	2.44	73	62-107	
Bis(2-chloroethyl)ether	3.33	2.64	79	60-107	
Bis(2-ethylhexyl) phthalate	3.33	2.40	72	69-124	
Butyl benzyl phthalate	3.33	2.44	73	70-123	
Carbazole	3.33	2.43	73	64-113	
Chrysene	3.33	2.40	72	71-122	
Dibenz(a,h)anthracene	3.33	2.61	78	66-119	
Dibenzofuran	3.33	2.58	77	65-108	
Diethyl phthalate	3.33	2.51	75	63-109	
Dimethyl phthalate	3.33	2.56	77	65-109	
Di-n-butyl phthalate	3.33	2.39	72	66-114	
Di-n-octyl phthalate	3.33	2.84	85	65-122	
Fluoranthene	3.33	2.35	70	64-113	
Fluorene	3.33	2.56	77	65-109	
Hexachlorobenzene	3.33	2.43	73	70-119	
Hexachlorobutadiene	3.33	2.51	75	62-109	
Hexachlorocyclopentadiene	3.33	2.02	61	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z57870.d

Lab ID: LCS 460-720378/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Hexachloroethane	3.33	2.39	72	61-102	
Indeno[1,2,3-cd]pyrene	3.33	2.63	79	62-121	
Isophorone	3.33	2.56	77	63-107	
Naphthalene	3.33	2.45	74	63-106	
Nitrobenzene	3.33	2.57	77	63-110	
N-Nitrosodi-n-propylamine	3.33	2.47	74	61-108	
N-Nitrosodiphenylamine	3.33	2.44	73	67-113	
Phenanthrene	3.33	2.38	71	66-112	
Pyrene	3.33	2.49	75	71-122	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135672.D

Lab ID: LCS 460-720639/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	65.3	82	45-98	
1,2-Dichlorobenzene	80.0	61.2	77	41-93	
1,3-Dichlorobenzene	80.0	56.9	71	35-93	
1,4-Dichlorobenzene	80.0	58.3	73	37-93	
1,4-Dioxane	80.0	44.3	55	29-68	
2,2'-oxybis[1-chloropropane]	80.0	57.6	72	38-124	
2,4-Dinitrotoluene	80.0	77.6	97	63-122	
2,6-Dinitrotoluene	80.0	76.5	96	71-118	
2-Chloronaphthalene	80.0	70.8	89	57-102	
2-Methylnaphthalene	80.0	72.3	90	57-103	
2-Nitroaniline	80.0	70.3	88	54-123	
3,3'-Dichlorobenzidine	80.0	76.0	95	59-125	
3-Nitroaniline	80.0	73.4	92	57-110	
4-Bromophenyl phenyl ether	80.0	76.1	95	65-115	
4-Chloroaniline	80.0	70.0	88	43-105	
4-Chlorophenyl phenyl ether	80.0	71.8	90	60-113	
4-Nitroaniline	80.0	74.5	93	52-122	
Acenaphthene	80.0	72.5	91	54-108	
Acenaphthylene	80.0	76.1	95	64-102	
Anthracene	80.0	74.6	93	69-110	
Benzo[a]anthracene	80.0	66.0	83	71-114	
Benzo[a]pyrene	80.0	84.6	106	67-106	
Benzo[b]fluoranthene	80.0	81.0	101	65-113	
Benzo[g,h,i]perylene	80.0	74.5	93	48-145	
Benzo[k]fluoranthene	80.0	85.9	107	66-116	
Bis(2-chloroethoxy)methane	80.0	69.2	86	64-114	
Bis(2-chloroethyl)ether	80.0	68.9	86	57-112	
Bis(2-ethylhexyl) phthalate	80.0	71.8	90	60-135	
Butyl benzyl phthalate	80.0	68.7	86	63-126	
Carbazole	80.0	75.0	94	68-113	
Chrysene	80.0	70.5	88	74-122	
Dibenz(a,h)anthracene	80.0	81.7	102	57-144	
Dibenzofuran	80.0	75.4	94	65-104	
Diethyl phthalate	80.0	74.5	93	65-105	
Dimethyl phthalate	80.0	76.0	95	68-105	
Di-n-butyl phthalate	80.0	71.8	90	66-113	
Di-n-octyl phthalate	80.0	73.4	92	40-133	
Fluoranthene	80.0	72.8	91	66-116	
Fluorene	80.0	77.9	97	64-108	
Hexachlorobenzene	80.0	78.8	98	59-129	
Hexachlorobutadiene	80.0	61.3	77	33-98	
Hexachlorocyclopentadiene	80.0	57.2	72	14-97	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135672.D

Lab ID: LCS 460-720639/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachloroethane	80.0	59.6	75	27-94	
Indeno[1,2,3-cd]pyrene	80.0	80.2	100	55-139	
Isophorone	80.0	72.2	90	64-113	
Naphthalene	80.0	69.7	87	56-99	
Nitrobenzene	80.0	77.0	96	67-109	
N-Nitrosodi-n-propylamine	80.0	70.2	88	60-111	
N-Nitrosodiphenylamine	80.0	73.9	92	67-110	
Phenanthrene	80.0	74.9	94	69-108	
Pyrene	80.0	74.3	93	66-121	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X28732.d

Lab ID: LCS 460-720963/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.50	75	63-107	
1,2-Dichlorobenzene	3.33	2.38	71	60-100	
1,3-Dichlorobenzene	3.33	2.29	69	59-99	
1,4-Dichlorobenzene	3.33	2.30	69	60-100	
1,4-Dioxane	3.33	1.68	51	31-81	
2,2'-oxybis[1-chloropropane]	3.33	2.47	74	49-109	
2,4-Dinitrotoluene	3.33	2.67	80	65-124	
2,6-Dinitrotoluene	3.33	2.64	79	67-121	
2-Chloronaphthalene	3.33	2.51	75	65-109	
2-Methylnaphthalene	3.33	2.47	74	64-108	
2-Nitroaniline	3.33	2.46	74	59-119	
3,3'-Dichlorobenzidine	3.33	1.83	55	4-119	
3-Nitroaniline	3.33	2.41	72	31-102	
4-Bromophenyl phenyl ether	3.33	2.50	75	67-113	
4-Chloroaniline	3.33	2.15	65	20-98	
4-Chlorophenyl phenyl ether	3.33	2.62	79	66-110	
4-Nitroaniline	3.33	2.42	73	50-110	
Acenaphthene	3.33	2.53	76	53-110	
Acenaphthylene	3.33	2.57	77	64-108	
Anthracene	3.33	2.41	72	67-114	
Benzo[a]anthracene	3.33	2.33	70	67-115	
Benzo[a]pyrene	3.33	2.71	81	63-108	
Benzo[b]fluoranthene	3.33	2.76	83	64-116	
Benzo[g,h,i]perylene	3.33	2.75	83	61-113	
Benzo[k]fluoranthene	3.33	2.60	78	67-115	
Bis(2-chloroethoxy)methane	3.33	2.42	72	62-107	
Bis(2-chloroethyl)ether	3.33	2.42	73	60-107	
Bis(2-ethylhexyl) phthalate	3.33	2.35	71	69-124	
Butyl benzyl phthalate	3.33	2.42	72	70-123	
Carbazole	3.33	2.37	71	64-113	
Chrysene	3.33	2.41	72	71-122	
Dibenz(a,h)anthracene	3.33	2.82	85	66-119	
Dibenzofuran	3.33	2.58	77	65-108	
Diethyl phthalate	3.33	2.52	76	63-109	
Dimethyl phthalate	3.33	2.56	77	65-109	
Di-n-butyl phthalate	3.33	2.37	71	66-114	
Di-n-octyl phthalate	3.33	2.65	79	65-122	
Fluoranthene	3.33	2.37	71	64-113	
Fluorene	3.33	2.55	76	65-109	
Hexachlorobenzene	3.33	2.45	74	70-119	
Hexachlorobutadiene	3.33	2.54	76	62-109	
Hexachlorocyclopentadiene	3.33	2.54	76	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X28732.d

Lab ID: LCS 460-720963/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Hexachloroethane	3.33	2.38	71	61-102	
Indeno[1,2,3-cd]pyrene	3.33	2.80	84	62-121	
Isophorone	3.33	2.48	74	63-107	
Naphthalene	3.33	2.41	72	63-106	
Nitrobenzene	3.33	2.46	74	63-110	
N-Nitrosodi-n-propylamine	3.33	2.44	73	61-108	
N-Nitrosodiphenylamine	3.33	2.40	72	67-113	
Phenanthrene	3.33	2.43	73	66-112	
Pyrene	3.33	2.48	74	71-122	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N927252.d

Lab ID: LCS 460-721059/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	65.9	82	45-98	
1,2-Dichlorobenzene	80.0	63.8	80	41-93	
1,3-Dichlorobenzene	80.0	58.7	73	35-93	
1,4-Dichlorobenzene	80.0	60.1	75	37-93	
1,4-Dioxane	80.0	41.3	52	29-68	
2,2'-oxybis[1-chloropropane]	80.0	62.8	79	38-124	
2,4-Dinitrotoluene	80.0	92.7	116	63-122	
2,6-Dinitrotoluene	80.0	88.8	111	71-118	
2-Chloronaphthalene	80.0	71.8	90	57-102	
2-Methylnaphthalene	80.0	72.8	91	57-103	
2-Nitroaniline	80.0	75.5	94	54-123	
3,3'-Dichlorobenzidine	80.0	83.3	104	59-125	
3-Nitroaniline	80.0	81.5	102	57-110	
4-Bromophenyl phenyl ether	80.0	74.3	93	65-115	
4-Chloroaniline	80.0	70.6	88	43-105	
4-Chlorophenyl phenyl ether	80.0	76.3	95	60-113	
4-Nitroaniline	80.0	88.1	110	52-122	
Acenaphthene	80.0	77.1	96	54-108	
Acenaphthylene	80.0	76.3	95	64-102	
Anthracene	80.0	75.4	94	69-110	
Benzo[a]anthracene	80.0	73.3	92	71-114	
Benzo[a]pyrene	80.0	83.2	104	67-106	
Benzo[b]fluoranthene	80.0	81.9	102	65-113	
Benzo[g,h,i]perylene	80.0	89.2	112	48-145	
Benzo[k]fluoranthene	80.0	85.9	107	66-116	
Bis(2-chloroethoxy)methane	80.0	73.3	92	64-114	
Bis(2-chloroethyl)ether	80.0	71.3	89	57-112	
Bis(2-ethylhexyl) phthalate	80.0	83.8	105	60-135	
Butyl benzyl phthalate	80.0	75.1	94	63-126	
Carbazole	80.0	78.6	98	68-113	
Chrysene	80.0	73.3	92	74-122	
Dibenz(a,h)anthracene	80.0	92.1	115	57-144	
Dibenzofuran	80.0	76.3	95	65-104	
Diethyl phthalate	80.0	77.2	96	65-105	
Dimethyl phthalate	80.0	79.3	99	68-105	
Di-n-butyl phthalate	80.0	76.6	96	66-113	
Di-n-octyl phthalate	80.0	88.2	110	40-133	
Fluoranthene	80.0	82.7	103	66-116	
Fluorene	80.0	77.0	96	64-108	
Hexachlorobenzene	80.0	78.2	98	59-129	
Hexachlorobutadiene	80.0	39.2	49	33-98	
Hexachlorocyclopentadiene	80.0	39.7	50	14-97	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N927252.d

Lab ID: LCS 460-721059/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachloroethane	80.0	42.9	54	27-94	
Indeno[1,2,3-cd]pyrene	80.0	93.8	117	55-139	
Isophorone	80.0	76.1	95	64-113	
Naphthalene	80.0	72.6	91	56-99	
Nitrobenzene	80.0	76.6	96	67-109	
N-Nitrosodi-n-propylamine	80.0	70.1	88	60-111	
N-Nitrosodiphenylamine	80.0	74.5	93	67-110	
Phenanthrene	80.0	75.2	94	69-108	
Pyrene	80.0	62.0	78	66-121	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516033.D

Lab ID: LCSD 460-720271/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.62	78	7	30	63-107	
1,2-Dichlorobenzene	3.33	2.53	76	4	30	60-100	
1,3-Dichlorobenzene	3.33	2.44	73	8	30	59-99	
1,4-Dichlorobenzene	3.33	2.45	73	6	30	60-100	
1,4-Dioxane	3.33	1.67	50	18	30	31-81	
2,2'-oxybis[1-chloropropane]	3.33	2.44	73	6	30	49-109	
2,4-Dinitrotoluene	3.33	2.96	89	9	30	65-124	
2,6-Dinitrotoluene	3.33	3.05	92	11	30	67-121	
2-Chloronaphthalene	3.33	2.51	75	9	30	65-109	
2-Methylnaphthalene	3.33	2.60	78	8	30	64-108	
2-Nitroaniline	3.33	2.73	82	11	30	59-119	
3,3'-Dichlorobenzidine	3.33	2.34	70	14	30	4-119	
3-Nitroaniline	3.33	2.66	80	12	30	31-102	
4-Bromophenyl phenyl ether	3.33	2.69	81	9	30	67-113	
4-Chloroaniline	3.33	2.28	68	15	30	20-98	
4-Chlorophenyl phenyl ether	3.33	2.73	82	10	30	66-110	
4-Nitroaniline	3.33	2.68	80	9	30	50-110	
Acenaphthene	3.33	2.51	75	10	30	53-110	
Acenaphthylene	3.33	2.55	76	10	30	64-108	
Anthracene	3.33	2.53	76	10	30	67-114	
Benzo[a]anthracene	3.33	2.49	75	10	30	67-115	
Benzo[a]pyrene	3.33	2.96	89	10	30	63-108	
Benzo[b]fluoranthene	3.33	2.91	87	11	30	64-116	
Benzo[g,h,i]perylene	3.33	2.73	82	10	30	61-113	
Benzo[k]fluoranthene	3.33	2.97	89	7	30	67-115	
Bis(2-chloroethoxy)methane	3.33	2.43	73	11	30	62-107	
Bis(2-chloroethyl)ether	3.33	2.45	74	7	30	60-107	
Bis(2-ethylhexyl) phthalate	3.33	2.41	72	10	30	69-124	
Butyl benzyl phthalate	3.33	2.54	76	10	30	70-123	
Carbazole	3.33	2.45	73	11	30	64-113	
Chrysene	3.33	2.54	76	8	30	71-122	
Dibenz(a,h)anthracene	3.33	3.12	94	7	30	66-119	
Dibenzofuran	3.33	2.59	78	11	30	65-108	
Diethyl phthalate	3.33	2.64	79	8	30	63-109	
Dimethyl phthalate	3.33	2.60	78	10	30	65-109	
Di-n-butyl phthalate	3.33	2.47	74	10	30	66-114	
Di-n-octyl phthalate	3.33	2.82	85	9	30	65-122	
Fluoranthene	3.33	2.59	78	11	30	64-113	
Fluorene	3.33	2.61	78	9	30	65-109	
Hexachlorobenzene	3.33	2.54	76	7	30	70-119	
Hexachlorobutadiene	3.33	2.80	84	7	30	62-109	
Hexachlorocyclopentadiene	3.33	2.92	88	7	30	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516033.D

Lab ID: LCSD 460-720271/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	3.33	2.47	74	5	30	61-102	
Indeno[1,2,3-cd]pyrene	3.33	3.04	91	6	30	62-121	
Isophorone	3.33	2.57	77	9	30	63-107	
Naphthalene	3.33	2.51	75	8	30	63-106	
Nitrobenzene	3.33	2.65	80	8	30	63-110	
N-Nitrosodi-n-propylamine	3.33	2.51	75	8	30	61-108	
N-Nitrosodiphenylamine	3.33	2.49	75	10	30	67-113	
Phenanthrene	3.33	2.49	75	10	30	66-112	
Pyrene	3.33	2.41	72	12	30	71-122	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135673.D

Lab ID: LCSD 460-720639/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	66.0	83	1	30	45-98	
1,2-Dichlorobenzene	80.0	60.6	76	1	30	41-93	
1,3-Dichlorobenzene	80.0	57.2	71	1	30	35-93	
1,4-Dichlorobenzene	80.0	58.1	73	0	30	37-93	
1,4-Dioxane	80.0	43.9	55	1	30	29-68	
2,2'-oxybis[1-chloropropane]	80.0	58.1	73	1	30	38-124	
2,4-Dinitrotoluene	80.0	79.1	99	2	30	63-122	
2,6-Dinitrotoluene	80.0	77.7	97	2	30	71-118	
2-Chloronaphthalene	80.0	71.6	90	1	30	57-102	
2-Methylnaphthalene	80.0	72.3	90	0	30	57-103	
2-Nitroaniline	80.0	72.6	91	3	30	54-123	
3,3'-Dichlorobenzidine	80.0	76.2	95	0	30	59-125	
3-Nitroaniline	80.0	75.2	94	2	30	57-110	
4-Bromophenyl phenyl ether	80.0	75.1	94	1	30	65-115	
4-Chloroaniline	80.0	69.4	87	1	30	43-105	
4-Chlorophenyl phenyl ether	80.0	71.8	90	0	30	60-113	
4-Nitroaniline	80.0	76.9	96	3	30	52-122	
Acenaphthene	80.0	74.5	93	3	30	54-108	
Acenaphthylene	80.0	77.2	96	1	30	64-102	
Anthracene	80.0	73.6	92	1	30	69-110	
Benzo[a]anthracene	80.0	67.1	84	2	30	71-114	
Benzo[a]pyrene	80.0	85.0	106	1	30	67-106	
Benzo[b]fluoranthene	80.0	84.6	106	4	30	65-113	
Benzo[g,h,i]perylene	80.0	74.5	93	0	30	48-145	
Benzo[k]fluoranthene	80.0	85.4	107	1	30	66-116	
Bis(2-chloroethoxy)methane	80.0	68.5	86	1	30	64-114	
Bis(2-chloroethyl)ether	80.0	68.8	86	0	30	57-112	
Bis(2-ethylhexyl) phthalate	80.0	72.5	91	1	30	60-135	
Butyl benzyl phthalate	80.0	68.5	86	0	30	63-126	
Carbazole	80.0	74.4	93	1	30	68-113	
Chrysene	80.0	68.5	86	3	30	74-122	
Dibenz(a,h)anthracene	80.0	75.8	95	8	30	57-144	
Dibenzofuran	80.0	75.9	95	1	30	65-104	
Diethyl phthalate	80.0	74.0	93	1	30	65-105	
Dimethyl phthalate	80.0	76.9	96	1	30	68-105	
Di-n-butyl phthalate	80.0	71.2	89	1	30	66-113	
Di-n-octyl phthalate	80.0	75.8	95	3	30	40-133	
Fluoranthene	80.0	72.4	91	1	30	66-116	
Fluorene	80.0	79.2	99	2	30	64-108	
Hexachlorobenzene	80.0	77.3	97	2	30	59-129	
Hexachlorobutadiene	80.0	62.2	78	1	30	33-98	
Hexachlorocyclopentadiene	80.0	57.7	72	1	30	14-97	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135673.D

Lab ID: LCSD 460-720639/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	80.0	58.6	73	2	30	27-94	
Indeno[1,2,3-cd]pyrene	80.0	82.1	103	2	30	55-139	
Isophorone	80.0	71.9	90	0	30	64-113	
Naphthalene	80.0	69.0	86	1	30	56-99	
Nitrobenzene	80.0	77.4	97	1	30	67-109	
N-Nitrosodi-n-propylamine	80.0	69.8	87	1	30	60-111	
N-Nitrosodiphenylamine	80.0	74.3	93	1	30	67-110	
Phenanthrene	80.0	73.9	92	1	30	69-108	
Pyrene	80.0	73.5	92	1	30	66-121	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X28733.d

Lab ID: LCSD 460-720963/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.47	74	1	30	63-107	
1,2-Dichlorobenzene	3.33	2.33	70	2	30	60-100	
1,3-Dichlorobenzene	3.33	2.30	69	0	30	59-99	
1,4-Dichlorobenzene	3.33	2.29	69	0	30	60-100	
1,4-Dioxane	3.33	1.68	50	1	30	31-81	
2,2'-oxybis[1-chloropropane]	3.33	2.41	72	2	30	49-109	
2,4-Dinitrotoluene	3.33	2.55	77	5	30	65-124	
2,6-Dinitrotoluene	3.33	2.56	77	3	30	67-121	
2-Chloronaphthalene	3.33	2.47	74	1	30	65-109	
2-Methylnaphthalene	3.33	2.43	73	2	30	64-108	
2-Nitroaniline	3.33	2.44	73	1	30	59-119	
3,3'-Dichlorobenzidine	3.33	1.88	56	3	30	4-119	
3-Nitroaniline	3.33	2.37	71	1	30	31-102	
4-Bromophenyl phenyl ether	3.33	2.54	76	2	30	67-113	
4-Chloroaniline	3.33	2.14	64	0	30	20-98	
4-Chlorophenyl phenyl ether	3.33	2.57	77	2	30	66-110	
4-Nitroaniline	3.33	2.39	72	1	30	50-110	
Acenaphthene	3.33	2.50	75	1	30	53-110	
Acenaphthylene	3.33	2.52	75	2	30	64-108	
Anthracene	3.33	2.42	73	1	30	67-114	
Benzo[a]anthracene	3.33	2.32	70	0	30	67-115	
Benzo[a]pyrene	3.33	2.70	81	0	30	63-108	
Benzo[b]fluoranthene	3.33	2.77	83	0	30	64-116	
Benzo[g,h,i]perylene	3.33	2.81	84	2	30	61-113	
Benzo[k]fluoranthene	3.33	2.55	76	2	30	67-115	
Bis(2-chloroethoxy)methane	3.33	2.35	71	3	30	62-107	
Bis(2-chloroethyl)ether	3.33	2.43	73	0	30	60-107	
Bis(2-ethylhexyl) phthalate	3.33	2.33	70	1	30	69-124	
Butyl benzyl phthalate	3.33	2.40	72	1	30	70-123	
Carbazole	3.33	2.37	71	0	30	64-113	
Chrysene	3.33	2.45	74	2	30	71-122	
Dibenz(a,h)anthracene	3.33	2.85	85	1	30	66-119	
Dibenzofuran	3.33	2.50	75	3	30	65-108	
Diethyl phthalate	3.33	2.45	74	3	30	63-109	
Dimethyl phthalate	3.33	2.47	74	4	30	65-109	
Di-n-butyl phthalate	3.33	2.35	70	1	30	66-114	
Di-n-octyl phthalate	3.33	2.64	79	0	30	65-122	
Fluoranthene	3.33	2.35	71	1	30	64-113	
Fluorene	3.33	2.48	74	3	30	65-109	
Hexachlorobenzene	3.33	2.48	74	1	30	70-119	
Hexachlorobutadiene	3.33	2.44	73	4	30	62-109	
Hexachlorocyclopentadiene	3.33	2.48	74	2	30	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X28733.d

Lab ID: LCSD 460-720963/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	3.33	2.28	68	4	30	61-102	
Indeno[1,2,3-cd]pyrene	3.33	2.83	85	1	30	62-121	
Isophorone	3.33	2.40	72	3	30	63-107	
Naphthalene	3.33	2.39	72	1	30	63-106	
Nitrobenzene	3.33	2.51	75	2	30	63-110	
N-Nitrosodi-n-propylamine	3.33	2.41	72	1	30	61-108	
N-Nitrosodiphenylamine	3.33	2.44	73	2	30	67-113	
Phenanthrene	3.33	2.45	73	1	30	66-112	
Pyrene	3.33	2.49	75	0	30	71-122	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N927253a.d

Lab ID: LCSD 460-721059/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	66.4	83	1	30	45-98	
1,2-Dichlorobenzene	80.0	62.9	79	1	30	41-93	
1,3-Dichlorobenzene	80.0	57.6	72	2	30	35-93	
1,4-Dichlorobenzene	80.0	59.4	74	1	30	37-93	
1,4-Dioxane	80.0	41.6	52	1	30	29-68	
2,2'-oxybis[1-chloropropane]	80.0	62.6	78	0	30	38-124	
2,4-Dinitrotoluene	80.0	95.4	119	3	30	63-122	
2,6-Dinitrotoluene	80.0	87.6	109	1	30	71-118	
2-Chloronaphthalene	80.0	71.3	89	1	30	57-102	
2-Methylnaphthalene	80.0	73.1	91	0	30	57-103	
2-Nitroaniline	80.0	76.8	96	2	30	54-123	
3,3'-Dichlorobenzidine	80.0	85.5	107	3	30	59-125	
3-Nitroaniline	80.0	82.6	103	1	30	57-110	
4-Bromophenyl phenyl ether	80.0	74.9	94	1	30	65-115	
4-Chloroaniline	80.0	71.0	89	0	30	43-105	
4-Chlorophenyl phenyl ether	80.0	76.9	96	1	30	60-113	
4-Nitroaniline	80.0	90.2	113	2	30	52-122	
Acenaphthene	80.0	77.8	97	1	30	54-108	
Acenaphthylene	80.0	75.8	95	1	30	64-102	
Anthracene	80.0	75.9	95	1	30	69-110	
Benzo[a]anthracene	80.0	71.9	90	2	30	71-114	
Benzo[a]pyrene	80.0	82.4	103	1	30	67-106	
Benzo[b]fluoranthene	80.0	82.5	103	1	30	65-113	
Benzo[g,h,i]perylene	80.0	87.8	110	2	30	48-145	
Benzo[k]fluoranthene	80.0	82.2	103	4	30	66-116	
Bis(2-chloroethoxy)methane	80.0	72.9	91	1	30	64-114	
Bis(2-chloroethyl)ether	80.0	70.5	88	1	30	57-112	
Bis(2-ethylhexyl) phthalate	80.0	84.8	106	1	30	60-135	
Butyl benzyl phthalate	80.0	76.4	96	2	30	63-126	
Carbazole	80.0	77.9	97	1	30	68-113	
Chrysene	80.0	75.0	94	2	30	74-122	
Dibenz(a,h)anthracene	80.0	90.1	113	2	30	57-144	
Dibenzofuran	80.0	76.7	96	0	30	65-104	
Diethyl phthalate	80.0	77.8	97	1	30	65-105	
Dimethyl phthalate	80.0	79.4	99	0	30	68-105	
Di-n-butyl phthalate	80.0	76.4	96	0	30	66-113	
Di-n-octyl phthalate	80.0	88.1	110	0	30	40-133	
Fluoranthene	80.0	83.1	104	0	30	66-116	
Fluorene	80.0	77.5	97	1	30	64-108	
Hexachlorobenzene	80.0	76.7	96	2	30	59-129	
Hexachlorobutadiene	80.0	39.0	49	1	30	33-98	
Hexachlorocyclopentadiene	80.0	39.9	50	0	30	14-97	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N927253a.d

Lab ID: LCSD 460-721059/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	80.0	42.2	53	2	30	27-94	
Indeno[1,2,3-cd]pyrene	80.0	92.4	116	1	30	55-139	
Isophorone	80.0	75.4	94	1	30	64-113	
Naphthalene	80.0	72.6	91	0	30	56-99	
Nitrobenzene	80.0	75.6	94	1	30	67-109	
N-Nitrosodi-n-propylamine	80.0	70.7	88	1	30	60-111	
N-Nitrosodiphenylamine	80.0	74.1	93	1	30	67-110	
Phenanthrene	80.0	75.1	94	0	30	69-108	
Pyrene	80.0	62.0	78	0	30	66-121	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z57872.d

Lab ID: 460-217009-1 MS Client ID: SB-10_1-3_20200827 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.57	0.0091 U	1.59	44	63-107	F1
1,2-Dichlorobenzene	3.57	0.0060 U	1.34	38	60-100	F1
1,3-Dichlorobenzene	3.57	0.0047 U	1.22	34	59-99	F1
1,4-Dichlorobenzene	3.57	0.013 U	1.26	35	60-100	F1
1,4-Dioxane	3.57	0.0098 U	0.840	24	31-81	F1
2,2'-oxybis[1-chloropropane]	3.57	0.0064 U	1.50	42	49-109	F1
2,4-Dinitrotoluene	3.57	0.038 U	2.09	59	65-124	F1
2,6-Dinitrotoluene	3.57	0.026 U	2.07	58	67-121	F1
2-Chloronaphthalene	3.57	0.016 U	1.83	51	65-109	F1
2-Methylnaphthalene	3.57	0.0099 U	1.81	51	64-108	F1
2-Nitroaniline	3.57	0.013 U	1.68	47	59-119	F1
3,3'-Dichlorobenzidine	3.57	0.053 U	1.76	49	4-119	
3-Nitroaniline	3.57	0.040 U	1.83	51	31-102	
4-Bromophenyl phenyl ether	3.57	0.014 U	1.88	53	67-113	F1
4-Chloroaniline	3.57	0.025 U	1.70	48	20-98	
4-Chlorophenyl phenyl ether	3.57	0.012 U	1.95	55	66-110	F1
4-Nitroaniline	3.57	0.041 U	1.97	55	50-110	
Acenaphthene	3.57	0.026 U	1.62	46	53-110	F1
Acenaphthylene	3.57	0.0037 U	1.92	54	64-108	F1
Anthracene	3.57	0.011 U	1.87	52	67-114	F1
Benzo[a]anthracene	3.57	0.012 U	1.88	53	67-115	F1
Benzo[a]pyrene	3.57	0.0094 U	2.19	61	63-108	F1
Benzo[b]fluoranthene	3.57	0.0092 U	2.31	65	64-116	
Benzo[g,h,i]perylene	3.57	0.010 U	1.94	55	61-113	F1
Benzo[k]fluoranthene	3.57	0.0069 U	2.22	62	67-115	F1
Bis(2-chloroethoxy)methane	3.57	0.028 U	1.76	49	62-107	F1
Bis(2-chloroethyl)ether	3.57	0.012 U	1.73	49	60-107	F1
Bis(2-ethylhexyl) phthalate	3.57	0.019 U	1.84	52	69-124	F1
Butyl benzyl phthalate	3.57	0.017 U	1.92	54	70-123	F1
Carbazole	3.57	0.013 U	1.87	53	64-113	F1
Chrysene	3.57	0.0060 U	1.89	53	71-122	F1
Dibenz(a,h)anthracene	3.57	0.015 U	2.08	58	66-119	F1
Dibenzofuran	3.57	0.0050 U	1.94	54	65-108	F1
Diethyl phthalate	3.57	0.0051 U	1.99	56	63-109	F1
Dimethyl phthalate	3.57	0.080 U	2.01	56	65-109	F1
Di-n-butyl phthalate	3.57	0.062 U	1.87	52	66-114	F1
Di-n-octyl phthalate	3.57	0.019 U	2.23	63	65-122	F1
Fluoranthene	3.57	0.012 U	1.85	52	64-113	F1
Fluorene	3.57	0.0048 U	1.92	54	65-109	F1
Hexachlorobenzene	3.57	0.017 U	1.83	51	70-119	F1
Hexachlorobutadiene	3.57	0.0075 U	1.48	41	62-109	F1
Hexachlorocyclopentadiene	3.57	0.031 U	1.29	36	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z57872.d

Lab ID: 460-217009-1 MS Client ID: SB-10_1-3_20200827 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Hexachloroethane	3.57	0.012 U	1.23	34	61-102	F1
Indeno[1,2,3-cd]pyrene	3.57	0.014 U	2.09	58	62-121	F1
Isophorone	3.57	0.10 U	1.94	54	63-107	F1
Naphthalene	3.57	0.0061 U	1.63	46	63-106	F1
Nitrobenzene	3.57	0.0085 U	1.77	50	63-110	F1
N-Nitrosodi-n-propylamine	3.57	0.026 U	1.79	50	61-108	F1
N-Nitrosodiphenylamine	3.57	0.0068 U	1.88	53	67-113	F1
Phenanthrene	3.57	0.0062 U	1.84	52	66-112	F1
Pyrene	3.57	0.0088 U	1.94	54	71-122	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L33428.d

Lab ID: 460-216232-A-6-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.60	0.0092 U	1.78	50	63-107	F1
1,2-Dichlorobenzene	3.60	0.0061 U	1.58	44	60-100	F1
1,3-Dichlorobenzene	3.60	0.0047 U	1.53	43	59-99	F1
1,4-Dichlorobenzene	3.60	0.014 U	1.55	43	60-100	F1
1,4-Dioxane	3.60	0.0098 U	1.05	29	31-81	F1
2,2'-oxybis[1-chloropropane]	3.60	0.0065 U	1.78	49	49-109	
2,4-Dinitrotoluene	3.60	0.038 U	2.12	59	65-124	F1
2,6-Dinitrotoluene	3.60	0.026 U	2.14	60	67-121	F1
2-Chloronaphthalene	3.60	0.017 U	1.88	52	65-109	F1
2-Methylnaphthalene	3.60	0.010 U	1.76	49	64-108	F1
2-Nitroaniline	3.60	0.013 U	2.13	59	59-119	
3,3'-Dichlorobenzidine	3.60	0.054 U	0.688	19	4-119	
3-Nitroaniline	3.60	0.040 U	1.56	43	31-102	
4-Bromophenyl phenyl ether	3.60	0.014 U	1.91	53	67-113	F1
4-Chloroaniline	3.60	0.025 U	1.14	32	20-98	
4-Chlorophenyl phenyl ether	3.60	0.013 U	1.84	51	66-110	F1
4-Nitroaniline	3.60	0.041 U	1.39	39	50-110	F1
Acenaphthene	3.60	0.073 J	2.29	62	53-110	
Acenaphthylene	3.60	0.043 J	1.91	52	64-108	F1
Anthracene	3.60	0.20 J	3.19	83	67-114	
Benzo[a]anthracene	3.60	0.72	4.58	107	67-115	
Benzo[a]pyrene	3.60	0.79	4.70	109	63-108	F1
Benzo[b]fluoranthene	3.60	1.2	5.40	118	64-116	F1
Benzo[g,h,i]perylene	3.60	0.56	3.39	79	61-113	
Benzo[k]fluoranthene	3.60	0.30	3.16	79	67-115	
Bis(2-chloroethoxy)methane	3.60	0.028 U	1.67	47	62-107	F1
Bis(2-chloroethyl)ether	3.60	0.012 U	1.61	45	60-107	F1
Bis(2-ethylhexyl) phthalate	3.60	0.019 U	1.83	51	69-124	F1
Butyl benzyl phthalate	3.60	0.017 U	1.89	52	70-123	F1
Carbazole	3.60	0.091 J	2.16	58	64-113	F1
Chrysene	3.60	0.84	4.49	101	71-122	
Dibenz(a,h)anthracene	3.60	0.15	2.63	69	66-119	
Dibenzofuran	3.60	0.040 J	2.20	60	65-108	F1
Diethyl phthalate	3.60	0.0052 U	1.82	51	63-109	F1
Dimethyl phthalate	3.60	0.081 U	1.86	52	65-109	F1
Di-n-butyl phthalate	3.60	0.063 U	1.77	49	66-114	F1
Di-n-octyl phthalate	3.60	0.019 U	1.82	51	65-122	F1
Fluoranthene	3.60	1.6	7.99	179	64-113	F1
Fluorene	3.60	0.11 J	2.51	67	65-109	
Hexachlorobenzene	3.60	0.017 U	1.79	50	70-119	F1
Hexachlorobutadiene	3.60	0.0076 U	1.93	54	62-109	F1
Hexachlorocyclopentadiene	3.60	0.031 U	0.866	24	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L33428.d

Lab ID: 460-216232-A-6-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Hexachloroethane	3.60	0.012 U	1.64	46	61-102	F1
Indeno[1,2,3-cd]pyrene	3.60	0.63	4.10	97	62-121	
Isophorone	3.60	0.10 U	1.78	49	63-107	F1
Naphthalene	3.60	0.0062 U	1.73	48	63-106	F1
Nitrobenzene	3.60	0.0086 U	1.63	45	63-110	F1
N-Nitrosodi-n-propylamine	3.60	0.026 U	1.63	45	61-108	F1
N-Nitrosodiphenylamine	3.60	0.0068 U	1.90	53	67-113	F1
Phenanthrene	3.60	1.1	7.85	188	66-112	F1
Pyrene	3.60	1.4	7.02	156	71-122	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516064.D

Lab ID: 460-216576-A-1-C MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	9.39	0.024 U	3.98	42	63-107	F1
1,2-Dichlorobenzene	9.39	0.016 U	3.50	37	60-100	F1
1,3-Dichlorobenzene	9.39	0.012 U	3.37	36	59-99	F1
1,4-Dichlorobenzene	9.39	0.036 U	3.33	35	60-100	F1
1,4-Dioxane	9.39	0.026 U	2.03	22	31-81	F1
2,2'-oxybis[1-chloropropane]	9.39	0.017 U	3.44	37	49-109	F1
2,4-Dinitrotoluene	9.39	0.10 U	4.95	53	65-124	F1
2,6-Dinitrotoluene	9.39	0.067 U	5.26	56	67-121	F1
2-Chloronaphthalene	9.39	0.043 U	4.01	43	65-109	F1
2-Methylnaphthalene	9.39	0.026 U	4.09	44	64-108	F1
2-Nitroaniline	9.39	0.035 U	4.53	48	59-119	F1
3,3'-Dichlorobenzidine	9.39	0.14 U	0.635	7	4-119	
3-Nitroaniline	9.39	0.11 U	3.19	34	31-102	
4-Bromophenyl phenyl ether	9.39	0.037 U	4.67	50	67-113	F1
4-Chloroaniline	9.39	0.065 U	2.69	29	20-98	
4-Chlorophenyl phenyl ether	9.39	0.033 U	4.56	49	66-110	F1
4-Nitroaniline	9.39	0.11 U	2.32	25	50-110	F1
Acenaphthene	9.39	0.068 U	4.30	46	53-110	F1
Acenaphthylene	9.39	0.0096 U	4.17	44	64-108	F1
Anthracene	9.39	0.095 J	4.58	48	67-114	F1
Benzo[a]anthracene	9.39	0.21	4.96	51	67-115	F1
Benzo[a]pyrene	9.39	0.19	5.82	60	63-108	F1
Benzo[b]fluoranthene	9.39	0.28	6.01	61	64-116	F1
Benzo[g,h,i]perylene	9.39	0.20 J	2.85	28	61-113	F1
Benzo[k]fluoranthene	9.39	0.018 U	5.56	59	67-115	F1
Bis(2-chloroethoxy)methane	9.39	0.073 U	3.72	40	62-107	F1
Bis(2-chloroethyl)ether	9.39	0.032 U	3.38	36	60-107	F1
Bis(2-ethylhexyl) phthalate	9.39	0.34 J	4.57	45	69-124	F1
Butyl benzyl phthalate	9.39	0.044 U	4.48	48	70-123	F1
Carbazole	9.39	0.044 J	4.14	44	64-113	F1
Chrysene	9.39	0.22 J	4.99	51	71-122	F1
Dibenz(a,h)anthracene	9.39	0.040 U	3.54	38	66-119	F1
Dibenzofuran	9.39	0.013 U	4.42	47	65-108	F1
Diethyl phthalate	9.39	0.014 U	4.36	46	63-109	F1
Dimethyl phthalate	9.39	0.21 U	4.38	47	65-109	F1
Di-n-butyl phthalate	9.39	0.16 U	4.27	45	66-114	F1
Di-n-octyl phthalate	9.39	0.049 U	5.23	56	65-122	F1
Fluoranthene	9.39	0.41 J	6.12	61	64-113	F1
Fluorene	9.39	0.030 J	4.48	47	65-109	F1
Hexachlorobenzene	9.39	0.044 U	4.29	46	70-119	F1
Hexachlorobutadiene	9.39	0.020 U	4.15	44	62-109	F1
Hexachlorocyclopentadiene	9.39	0.082 U	0.082 U	0	22-124	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516064.D

Lab ID: 460-216576-A-1-C MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Hexachloroethane	9.39	0.032 U	2.68	29	61-102	F1
Indeno[1,2,3-cd]pyrene	9.39	0.17	3.16	32	62-121	F1
Isophorone	9.39	0.27 U	3.85	41	63-107	F1
Naphthalene	9.39	0.033 J	3.81	40	63-106	F1
Nitrobenzene	9.39	0.022 U	3.97	42	63-110	F1
N-Nitrosodi-n-propylamine	9.39	0.068 U	3.61	38	61-108	F1
N-Nitrosodiphenylamine	9.39	0.018 U	4.32	46	67-113	F1
Phenanthrene	9.39	0.40 J	6.02	60	66-112	F1
Pyrene	9.39	0.43 J	6.00	59	71-122	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135675.D

Lab ID: 460-217132-F-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	0.64 U	59.9	75	45-98	
1,2-Dichlorobenzene	80.0	1.3 U	56.6	71	41-93	
1,3-Dichlorobenzene	80.0	2.0 U	53.0	66	35-93	
1,4-Dichlorobenzene	80.0	1.3 U	54.2	68	37-93	
1,4-Dioxane	80.0	1.6 U	35.5	44	29-68	
2,2'-oxybis[1-chloropropane]	80.0	0.63 U	50.9	64	38-124	
2,4-Dinitrotoluene	80.0	1.0 U	68.4	85	63-122	
2,6-Dinitrotoluene	80.0	0.83 U	66.5	83	71-118	
2-Chloronaphthalene	80.0	1.2 U	63.0	79	57-102	
2-Methylnaphthalene	80.0	1.1 U	65.2	82	57-103	
2-Nitroaniline	80.0	0.47 U	53.2	67	54-123	
3,3'-Dichlorobenzidine	80.0	1.4 U	49.0	61	59-125	
3-Nitroaniline	80.0	1.9 U	57.2	72	57-110	
4-Bromophenyl phenyl ether	80.0	0.75 U	66.2	83	65-115	
4-Chloroaniline	80.0	1.9 U	57.1	71	43-105	
4-Chlorophenyl phenyl ether	80.0	1.3 U	63.2	79	60-113	
4-Nitroaniline	80.0	1.2 U	48.6	61	52-122	
Acenaphthene	80.0	1.1 U	64.5	81	54-108	
Acenaphthylene	80.0	0.82 U	67.2	84	64-102	
Anthracene	80.0	0.63 U	62.4	78	69-110	
Benzo[a]anthracene	80.0	0.59 U	58.2	73	71-114	
Benzo[a]pyrene	80.0	0.41 U	72.7	91	67-106	
Benzo[b]fluoranthene	80.0	0.68 U	71.5	89	65-113	
Benzo[g,h,i]perylene	80.0	1.4 U	63.4	79	48-145	
Benzo[k]fluoranthene	80.0	0.67 U	73.8	92	66-116	
Bis(2-chloroethoxy)methane	80.0	0.59 U	59.5	74	64-114	
Bis(2-chloroethyl)ether	80.0	0.63 U	59.8	75	57-112	
Bis(2-ethylhexyl) phthalate	80.0	1.7 U	64.1	80	60-135	
Butyl benzyl phthalate	80.0	1.4 J	63.2	77	63-126	
Carbazole	80.0	0.68 U	62.1	78	68-113	
Chrysene	80.0	0.91 U	61.0	76	74-122	
Dibenz(a,h)anthracene	80.0	0.72 U	69.7	87	57-144	
Dibenzofuran	80.0	1.1 U	66.3	83	65-104	
Diethyl phthalate	80.0	0.98 U	65.2	81	65-105	
Dimethyl phthalate	80.0	0.77 U	66.5	83	68-105	
Di-n-butyl phthalate	80.0	0.84 U	61.0	76	66-113	
Di-n-octyl phthalate	80.0	4.8 U	66.7	83	40-133	
Fluoranthene	80.0	0.84 U	60.4	76	66-116	
Fluorene	80.0	0.91 U	68.4	85	64-108	
Hexachlorobenzene	80.0	0.40 U	66.4	83	59-129	
Hexachlorobutadiene	80.0	0.78 U	57.3	72	33-98	
Hexachlorocyclopentadiene	80.0	3.6 U	55.2	69	14-97	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135675.D

Lab ID: 460-217132-F-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Hexachloroethane	80.0	0.80 U	54.6	68	27-94	
Indeno[1,2,3-cd]pyrene	80.0	0.94 U	67.7	85	55-139	
Isophorone	80.0	0.80 U	62.7	78	64-113	
Naphthalene	80.0	1.1 U	62.8	79	56-99	
Nitrobenzene	80.0	0.57 U	72.9	91	67-109	
N-Nitrosodi-n-propylamine	80.0	0.43 U	60.9	76	60-111	
N-Nitrosodiphenylamine	80.0	0.89 U	62.4	78	67-110	
Phenanthrene	80.0	0.58 U	63.3	79	69-108	
Pyrene	80.0	1.6 U	65.3	82	66-121	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z57873.d

Lab ID: 460-217009-1 MSD Client ID: SB-10_1-3_20200827 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.57	1.99	56	23	30	63-107	F1
1,2-Dichlorobenzene	3.57	1.70	48	23	30	60-100	F1
1,3-Dichlorobenzene	3.57	1.59	45	27	30	59-99	F1
1,4-Dichlorobenzene	3.57	1.62	45	25	30	60-100	F1
1,4-Dioxane	3.57	1.03	29	21	30	31-81	F1
2,2'-oxybis[1-chloropropane]	3.57	1.89	53	23	30	49-109	
2,4-Dinitrotoluene	3.57	2.51	70	18	30	65-124	
2,6-Dinitrotoluene	3.57	2.47	69	17	30	67-121	
2-Chloronaphthalene	3.57	2.23	63	20	30	65-109	F1
2-Methylnaphthalene	3.57	2.24	63	21	30	64-108	F1
2-Nitroaniline	3.57	2.03	57	19	30	59-119	F1
3,3'-Dichlorobenzidine	3.57	2.13	60	19	30	4-119	
3-Nitroaniline	3.57	2.25	63	20	30	31-102	
4-Bromophenyl phenyl ether	3.57	2.24	63	18	30	67-113	F1
4-Chloroaniline	3.57	2.12	59	22	30	20-98	
4-Chlorophenyl phenyl ether	3.57	2.34	66	18	30	66-110	
4-Nitroaniline	3.57	2.40	67	20	30	50-110	
Acenaphthene	3.57	1.99	56	20	30	53-110	
Acenaphthylene	3.57	2.30	65	18	30	64-108	
Anthracene	3.57	2.25	63	19	30	67-114	F1
Benzo[a]anthracene	3.57	2.30	64	20	30	67-115	F1
Benzo[a]pyrene	3.57	2.69	75	21	30	63-108	
Benzo[b]fluoranthene	3.57	2.72	76	16	30	64-116	
Benzo[g,h,i]perylene	3.57	2.35	66	19	30	61-113	
Benzo[k]fluoranthene	3.57	2.71	76	20	30	67-115	
Bis(2-chloroethoxy)methane	3.57	2.23	63	23	30	62-107	
Bis(2-chloroethyl)ether	3.57	2.11	59	20	30	60-107	F1
Bis(2-ethylhexyl) phthalate	3.57	2.28	64	21	30	69-124	F1
Butyl benzyl phthalate	3.57	2.35	66	20	30	70-123	F1
Carbazole	3.57	2.32	65	21	30	64-113	
Chrysene	3.57	2.27	64	18	30	71-122	F1
Dibenz(a,h)anthracene	3.57	2.52	71	19	30	66-119	
Dibenzofuran	3.57	2.32	65	18	30	65-108	
Diethyl phthalate	3.57	2.40	67	18	30	63-109	
Dimethyl phthalate	3.57	2.41	68	18	30	65-109	
Di-n-butyl phthalate	3.57	2.33	65	22	30	66-114	F1
Di-n-octyl phthalate	3.57	2.70	76	19	30	65-122	
Fluoranthene	3.57	2.27	64	20	30	64-113	
Fluorene	3.57	2.29	64	18	30	65-109	F1
Hexachlorobenzene	3.57	2.29	64	22	30	70-119	F1
Hexachlorobutadiene	3.57	1.91	53	25	30	62-109	F1
Hexachlorocyclopentadiene	3.57	1.56	44	18	30	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z57873.d

Lab ID: 460-217009-1 MSD Client ID: SB-10_1-3_20200827 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	3.57	1.61	45	27	30	61-102	F1
Indeno[1,2,3-cd]pyrene	3.57	2.46	69	17	30	62-121	
Isophorone	3.57	2.36	66	20	30	63-107	
Naphthalene	3.57	2.05	57	23	30	63-106	F1
Nitrobenzene	3.57	2.20	62	21	30	63-110	F1
N-Nitrosodi-n-propylamine	3.57	2.18	61	20	30	61-108	
N-Nitrosodiphenylamine	3.57	2.28	64	19	30	67-113	F1
Phenanthrene	3.57	2.27	64	21	30	66-112	F1
Pyrene	3.57	2.41	68	22	30	71-122	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L33429.d

Lab ID: 460-216232-A-6-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.60	1.86	52	5	30	63-107	F1
1,2-Dichlorobenzene	3.60	1.70	47	7	30	60-100	F1
1,3-Dichlorobenzene	3.60	1.66	46	8	30	59-99	F1
1,4-Dichlorobenzene	3.60	1.66	46	7	30	60-100	F1
1,4-Dioxane	3.60	1.18	33	11	30	31-81	
2,2'-oxybis[1-chloropropane]	3.60	1.90	53	7	30	49-109	
2,4-Dinitrotoluene	3.60	2.14	60	1	30	65-124	F1
2,6-Dinitrotoluene	3.60	2.12	59	1	30	67-121	F1
2-Chloronaphthalene	3.60	1.98	55	5	30	65-109	F1
2-Methylnaphthalene	3.60	1.80	50	3	30	64-108	F1
2-Nitroaniline	3.60	2.20	61	4	30	59-119	
3,3'-Dichlorobenzidine	3.60	0.697	19	1	30	4-119	
3-Nitroaniline	3.60	1.52	42	2	30	31-102	
4-Bromophenyl phenyl ether	3.60	1.93	54	1	30	67-113	F1
4-Chloroaniline	3.60	1.13	31	1	30	20-98	
4-Chlorophenyl phenyl ether	3.60	1.94	54	5	30	66-110	F1
4-Nitroaniline	3.60	1.35	38	3	30	50-110	F1
Acenaphthene	3.60	1.75	47	26	30	53-110	F1
Acenaphthylene	3.60	1.95	53	2	30	64-108	F1
Anthracene	3.60	2.02	50	45	30	67-114	F1 F2
Benzo[a]anthracene	3.60	2.41	47	62	30	67-115	F1 F2
Benzo[a]pyrene	3.60	2.84	57	49	30	63-108	F1 F2
Benzo[b]fluoranthene	3.60	3.16	55	52	30	64-116	F1 F2
Benzo[g,h,i]perylene	3.60	2.12	44	46	30	61-113	F1 F2
Benzo[k]fluoranthene	3.60	2.22	53	35	30	67-115	F1 F2
Bis(2-chloroethoxy)methane	3.60	1.79	50	7	30	62-107	F1
Bis(2-chloroethyl)ether	3.60	1.71	48	6	30	60-107	F1
Bis(2-ethylhexyl) phthalate	3.60	1.80	50	2	30	69-124	F1
Butyl benzyl phthalate	3.60	1.89	53	0	30	70-123	F1
Carbazole	3.60	1.79	47	19	30	64-113	F1
Chrysene	3.60	2.59	48	54	30	71-122	F1 F2
Dibenz(a,h)anthracene	3.60	2.21	57	17	30	66-119	F1
Dibenzofuran	3.60	1.93	52	13	30	65-108	F1
Diethyl phthalate	3.60	1.85	52	2	30	63-109	F1
Dimethyl phthalate	3.60	1.92	53	4	30	65-109	F1
Di-n-butyl phthalate	3.60	1.82	51	3	30	66-114	F1
Di-n-octyl phthalate	3.60	1.85	52	2	30	65-122	F1
Fluoranthene	3.60	3.20	46	86	30	64-113	F1 F2
Fluorene	3.60	1.93	51	26	30	65-109	F1
Hexachlorobenzene	3.60	1.80	50	1	30	70-119	F1
Hexachlorobutadiene	3.60	2.06	57	6	30	62-109	F1
Hexachlorocyclopentadiene	3.60	0.818	23	6	30	22-124	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L33429.d

Lab ID: 460-216232-A-6-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	3.60	1.76	49	7	30	61-102	F1
Indeno[1,2,3-cd]pyrene	3.60	2.65	56	43	30	62-121	F1 F2
Isophorone	3.60	1.84	51	3	30	63-107	F1
Naphthalene	3.60	1.82	51	5	30	63-106	F1
Nitrobenzene	3.60	1.78	49	8	30	63-110	F1
N-Nitrosodi-n-propylamine	3.60	1.70	47	4	30	61-108	F1
N-Nitrosodiphenylamine	3.60	1.93	54	1	30	67-113	F1
Phenanthrene	3.60	2.70	45	98	30	66-112	F1 F2
Pyrene	3.60	2.93	42	82	30	71-122	F1 F2

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516065.D

Lab ID: 460-216576-A-1-D MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	9.39	4.42	47	10	30	63-107	F1
1,2-Dichlorobenzene	9.39	3.90	42	11	30	60-100	F1
1,3-Dichlorobenzene	9.39	3.88	41	14	30	59-99	F1
1,4-Dichlorobenzene	9.39	3.79	40	13	30	60-100	F1
1,4-Dioxane	9.39	2.58	27	24	30	31-81	F1
2,2'-oxybis[1-chloropropane]	9.39	3.88	41	12	30	49-109	F1
2,4-Dinitrotoluene	9.39	5.16	55	4	30	65-124	F1
2,6-Dinitrotoluene	9.39	5.56	59	6	30	67-121	F1
2-Chloronaphthalene	9.39	4.47	48	11	30	65-109	F1
2-Methylnaphthalene	9.39	4.53	48	10	30	64-108	F1
2-Nitroaniline	9.39	4.85	52	7	30	59-119	F1
3,3'-Dichlorobenzidine	9.39	1.72	18	92	30	4-119	F2
3-Nitroaniline	9.39	4.27	45	29	30	31-102	
4-Bromophenyl phenyl ether	9.39	4.97	53	6	30	67-113	F1
4-Chloroaniline	9.39	3.10	33	14	30	20-98	
4-Chlorophenyl phenyl ether	9.39	4.93	52	8	30	66-110	F1
4-Nitroaniline	9.39	3.50	37	41	30	50-110	F1 F2
Acenaphthene	9.39	4.56	49	6	30	53-110	F1
Acenaphthylene	9.39	4.58	49	9	30	64-108	F1
Anthracene	9.39	4.68	49	2	30	67-114	F1
Benzo[a]anthracene	9.39	4.69	48	6	30	67-115	F1
Benzo[a]pyrene	9.39	5.46	56	6	30	63-108	F1
Benzo[b]fluoranthene	9.39	5.80	59	3	30	64-116	F1
Benzo[g,h,i]perylene	9.39	3.72	37	27	30	61-113	F1
Benzo[k]fluoranthene	9.39	5.39	57	3	30	67-115	F1
Bis(2-chloroethoxy)methane	9.39	4.11	44	10	30	62-107	F1
Bis(2-chloroethyl)ether	9.39	3.86	41	13	30	60-107	F1
Bis(2-ethylhexyl) phthalate	9.39	5.09	51	11	30	69-124	F1
Butyl benzyl phthalate	9.39	4.75	51	6	30	70-123	F1
Carbazole	9.39	4.38	46	6	30	64-113	F1
Chrysene	9.39	4.77	48	4	30	71-122	F1
Dibenz(a,h)anthracene	9.39	4.41	47	22	30	66-119	F1
Dibenzofuran	9.39	4.71	50	6	30	65-108	F1
Diethyl phthalate	9.39	4.69	50	7	30	63-109	F1
Dimethyl phthalate	9.39	4.74	50	8	30	65-109	F1
Di-n-butyl phthalate	9.39	4.55	48	6	30	66-114	F1
Di-n-octyl phthalate	9.39	5.67	60	8	30	65-122	F1
Fluoranthene	9.39	5.00	49	20	30	64-113	F1
Fluorene	9.39	4.70	50	5	30	65-109	F1
Hexachlorobenzene	9.39	4.65	50	8	30	70-119	F1
Hexachlorobutadiene	9.39	4.76	51	14	30	62-109	F1
Hexachlorocyclopentadiene	9.39	0.660 J	7	NC	30	22-124	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4516065.D

Lab ID: 460-216576-A-1-D MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	9.39	3.74	40	33	30	61-102	F1 F2
Indeno[1,2,3-cd]pyrene	9.39	4.12	42	26	30	62-121	F1
Isophorone	9.39	4.33	46	12	30	63-107	F1
Naphthalene	9.39	4.24	45	11	30	63-106	F1
Nitrobenzene	9.39	4.34	46	9	30	63-110	F1
N-Nitrosodi-n-propylamine	9.39	4.04	43	11	30	61-108	F1
N-Nitrosodiphenylamine	9.39	4.62	49	7	30	67-113	F1
Phenanthrene	9.39	4.88	48	21	30	66-112	F1
Pyrene	9.39	4.67	45	25	30	71-122	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135676.D

Lab ID: 460-217132-G-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	71.4	89	17	30	45-98	
1,2-Dichlorobenzene	80.0	67.3	84	17	30	41-93	
1,3-Dichlorobenzene	80.0	63.5	79	18	30	35-93	
1,4-Dichlorobenzene	80.0	65.3	82	19	30	37-93	
1,4-Dioxane	80.0	43.1	54	19	30	29-68	
2,2'-oxybis[1-chloropropane]	80.0	59.8	75	16	30	38-124	
2,4-Dinitrotoluene	80.0	78.7	98	14	30	63-122	
2,6-Dinitrotoluene	80.0	78.4	98	16	30	71-118	
2-Chloronaphthalene	80.0	72.4	90	14	30	57-102	
2-Methylnaphthalene	80.0	75.5	94	15	30	57-103	
2-Nitroaniline	80.0	62.4	78	16	30	54-123	
3,3'-Dichlorobenzidine	80.0	57.1	71	15	30	59-125	
3-Nitroaniline	80.0	68.5	86	18	30	57-110	
4-Bromophenyl phenyl ether	80.0	76.6	96	15	30	65-115	
4-Chloroaniline	80.0	68.2	85	18	30	43-105	
4-Chlorophenyl phenyl ether	80.0	72.9	91	14	30	60-113	
4-Nitroaniline	80.0	57.8	72	17	30	52-122	
Acenaphthene	80.0	74.7	93	15	30	54-108	
Acenaphthylene	80.0	77.7	97	15	30	64-102	
Anthracene	80.0	73.8	92	17	30	69-110	
Benzo[a]anthracene	80.0	64.8	81	11	30	71-114	
Benzo[a]pyrene	80.0	82.6	103	13	30	67-106	
Benzo[b]fluoranthene	80.0	82.2	103	14	30	65-113	
Benzo[g,h,i]perylene	80.0	72.4	91	13	30	48-145	
Benzo[k]fluoranthene	80.0	83.2	104	12	30	66-116	
Bis(2-chloroethoxy)methane	80.0	69.0	86	15	30	64-114	
Bis(2-chloroethyl)ether	80.0	68.4	85	13	30	57-112	
Bis(2-ethylhexyl) phthalate	80.0	73.6	92	14	30	60-135	
Butyl benzyl phthalate	80.0	71.7	88	13	30	63-126	
Carbazole	80.0	72.9	91	16	30	68-113	
Chrysene	80.0	68.8	86	12	30	74-122	
Dibenz(a,h)anthracene	80.0	77.8	97	11	30	57-144	
Dibenzofuran	80.0	75.7	95	13	30	65-104	
Diethyl phthalate	80.0	75.5	94	15	30	65-105	
Dimethyl phthalate	80.0	76.8	96	14	30	68-105	
Di-n-butyl phthalate	80.0	72.4	91	17	30	66-113	
Di-n-octyl phthalate	80.0	77.7	97	15	30	40-133	
Fluoranthene	80.0	71.0	89	16	30	66-116	
Fluorene	80.0	78.8	99	14	30	64-108	
Hexachlorobenzene	80.0	79.1	99	17	30	59-129	
Hexachlorobutadiene	80.0	68.5	86	18	30	33-98	
Hexachlorocyclopentadiene	80.0	62.4	78	12	30	14-97	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M135676.D

Lab ID: 460-217132-G-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	80.0	67.3	84	21	30	27-94	
Indeno[1,2,3-cd]pyrene	80.0	77.3	97	13	30	55-139	
Isophorone	80.0	73.1	91	15	30	64-113	
Naphthalene	80.0	73.4	92	16	30	56-99	
Nitrobenzene	80.0	83.4	104	13	30	67-109	
N-Nitrosodi-n-propylamine	80.0	70.4	88	14	30	60-111	
N-Nitrosodiphenylamine	80.0	73.8	92	17	30	67-110	
Phenanthrene	80.0	73.4	92	15	30	69-108	
Pyrene	80.0	72.6	91	11	30	66-121	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: L33419.d Lab Sample ID: MB 460-719969/1-A

Matrix: Solid Date Extracted: 08/27/2020 09:32

Instrument ID: CBNAMS12 Date Analyzed: 08/27/2020 20:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-719969/2-A	L33421.d	08/27/2020 21:36
SB-08_2-4_20200825	460-216817-6	L33422.d	08/27/2020 21:58
SB-02_0-2_20200825	460-216817-2	L33423.d	08/27/2020 22:21
SB-09_1-3_20200825	460-216817-4	L33424.d	08/27/2020 22:43
SB-04_2-4_20200825	460-216817-1	L33425.d	08/27/2020 23:05
SB-03_0-2_20200825	460-216817-5	L33426.d	08/27/2020 23:28
	460-216232-A-6-A MS	L33428.d	08/28/2020 00:12
	460-216232-A-6-B MSD	L33429.d	08/28/2020 00:34
SB-01_1-3_20200825	460-216817-3	L33435.d	08/28/2020 02:48

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: f4516031.D Lab Sample ID: MB 460-720271/1-A

Matrix: Solid Date Extracted: 08/28/2020 09:19

Instrument ID: CBNAMS15 Date Analyzed: 08/28/2020 20:05

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720271/2-A	f4516032.D	08/28/2020 20:22
	LCSD 460-720271/3-A	f4516033.D	08/28/2020 20:40
SB-15_0-2_20200826	460-216927-1	X28658.d	08/28/2020 21:03
SB-16_1-3_20200826	460-216927-2	X28659.d	08/28/2020 21:26
SB-17_0-2_20200826	460-216927-3	X28660.d	08/28/2020 21:50
	460-216576-A-1-C MS	f4516064.D	08/29/2020 05:32
	460-216576-A-1-D MSD	f4516065.D	08/29/2020 05:50

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: Z57868.d Lab Sample ID: MB 460-720378/1-A

Matrix: Solid Date Extracted: 08/28/2020 17:09

Instrument ID: CBNAMS11 Date Analyzed: 08/29/2020 01:37

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720378/2-A	Z57870.d	08/29/2020 02:24
SB-10_1-3_20200827	460-217009-1	Z57871.d	08/29/2020 02:48
SB-10_1-3_20200827 MS	460-217009-1 MS	Z57872.d	08/29/2020 03:11
SB-10_1-3_20200827 MSD	460-217009-1 MSD	Z57873.d	08/29/2020 03:35
SB-10_17-19_20200827	460-217009-2	Z57874.d	08/29/2020 03:58
SB-18_16-18_20200827	460-217009-4	Z57875.d	08/29/2020 04:22
SB-05_1-3_20200827	460-217009-5	Z57876.d	08/29/2020 04:45
SB-07_0-2_20200827	460-217009-6	Z57877.d	08/29/2020 05:09
SB-07_6-8_20200827	460-217009-7	Z57878.d	08/29/2020 05:32
SB-07_15-17_20200827	460-217009-8	Z57879.d	08/29/2020 05:56
SB-06_3-5_20200827	460-217009-9	Z57880.d	08/29/2020 06:20
SB-06_6-8_20200827	460-217009-10	Z57881.d	08/29/2020 06:43
SB-06_17-19_20200827	460-217009-11	Z57882.d	08/29/2020 07:07
SB-18_3-5_20200827	460-217009-3	Z57889.d	08/29/2020 09:53

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: M135671.D Lab Sample ID: MB 460-720639/1-A

Matrix: Water Date Extracted: 08/30/2020 06:46

Instrument ID: CBNAMS17 Date Analyzed: 08/30/2020 22:41

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720639/2-A	M135672.D	08/30/2020 23:02
	LCSD 460-720639/3-A	M135673.D	08/30/2020 23:23
	460-217132-F-1-A MS	M135675.D	08/31/2020 00:05
	460-217132-G-1-A MSD	M135676.D	08/31/2020 00:26
TW-04_20200827	460-217143-1	M135688.D	08/31/2020 04:37

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: X28731.d Lab Sample ID: MB 460-720963/1-A

Matrix: Solid Date Extracted: 08/31/2020 22:00

Instrument ID: CBNAMS5 Date Analyzed: 09/01/2020 14:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720963/2-A	X28732.d	09/01/2020 14:23
	LCSD 460-720963/3-A	X28733.d	09/01/2020 14:47
SB-12_0-2_20200828	460-217095-1	X28739.d	09/01/2020 17:08
SB-13_1-3_20200828	460-217095-2	X28740.d	09/01/2020 17:31
SB-14_2-4_20200828	460-217095-3	X28741.d	09/01/2020 17:55
SB-11_3-5_20200828	460-217095-4	X28745.d	09/01/2020 19:29

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: N927251.d Lab Sample ID: MB 460-721059/1-A

Matrix: Water Date Extracted: 09/01/2020 09:47

Instrument ID: CBNAMS14 Date Analyzed: 09/01/2020 19:35

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-721059/2-A	N927252.d	09/01/2020 19:55
	LCSD 460-721059/3-A	N927253a.d	09/01/2020 20:20
TW-01_20200828	460-217163-1	N927254.d	09/01/2020 20:41
TW-18_20200828	460-217163-2	N927255.d	09/01/2020 21:02
TW-16_20200828	460-217163-3	N927256.d	09/01/2020 21:23
TW-13_20200828	460-217163-4	N927257.d	09/01/2020 21:44
TW-07_20200828	460-217163-5	N927258.d	09/01/2020 22:04
TW-10_20200828	460-217163-6	N927259.d	09/01/2020 22:25
TW-09_20200828	460-217163-7	N927260.d	09/01/2020 22:46

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: Z57319.d DFTPP Injection Date: 08/12/2020

Instrument ID: CBNAMS11 DFTPP Injection Time: 15:35

Analysis Batch No.: 716052

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	44.9	
68	Less than 2% of mass 69	0.6	(1.6) 1
69	Mass 69 Relative abundance	38.1	
70	Less than 2% of mass 69	0.2	(0.6) 1
127	10-80% of Base Peak	45.3	
197	Less than 2% of mass 198	0.3	
198	Base peak	100.0	
199	5-9% of mass 198	6.5	
275	10-60% of Base Peak	28.3	
365	Greater than 1% of mass 198	3.7	
441	present but less than 24% of mass 442	16.5	(15.4) 2
442	Greater than 50% of mass 198	106.8	
443	15-24% of mass 442	22.0	(20.6) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-716052/2	Z57320.d	08/12/2020	15:52
	STD120 460-716052/3	Z57321.d	08/12/2020	16:16
	STD80 460-716052/4	Z57322.d	08/12/2020	16:40
	STD20 460-716052/5	Z57323.d	08/12/2020	17:03
	STD10 460-716052/6	Z57324.d	08/12/2020	17:27
	STD5 460-716052/7	Z57325.d	08/12/2020	17:51
	STD2 460-716052/8	Z57326.d	08/12/2020	18:14
	STD1 460-716052/9	Z57327.d	08/12/2020	18:38
	STD05 460-716052/10	Z57328.d	08/12/2020	19:02
	ICV 460-716052/11	Z57329.d	08/12/2020	19:25

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: Z57865.d DFTPP Injection Date: 08/29/2020

Instrument ID: CBNAMS11 DFTPP Injection Time: 00:34

Analysis Batch No.: 720401

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	43.3	
68	Less than 2% of mass 69	0.7	(1.9) 1
69	Mass 69 Relative abundance	37.6	
70	Less than 2% of mass 69	0.3	(0.9) 1
127	10-80% of Base Peak	46.1	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.9	
275	10-60% of Base Peak	28.0	
365	Greater than 1% of mass 198	3.4	
441	present but less than 24% of mass 442	14.9	(15.2) 2
442	Greater than 50% of mass 198	97.9	
443	15-24% of mass 442	19.6	(20.0) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720401/2	Z57866.d	08/29/2020	0:47
	MB 460-720378/1-A	Z57868.d	08/29/2020	1:37
	LCS 460-720378/2-A	Z57870.d	08/29/2020	2:24
SB-10_1-3_20200827	460-217009-1	Z57871.d	08/29/2020	2:48
SB-10_1-3_20200827 MS	460-217009-1 MS	Z57872.d	08/29/2020	3:11
SB-10_1-3_20200827 MSD	460-217009-1 MSD	Z57873.d	08/29/2020	3:35
SB-10_17-19_20200827	460-217009-2	Z57874.d	08/29/2020	3:58
SB-18_16-18_20200827	460-217009-4	Z57875.d	08/29/2020	4:22
SB-05_1-3_20200827	460-217009-5	Z57876.d	08/29/2020	4:45
SB-07_0-2_20200827	460-217009-6	Z57877.d	08/29/2020	5:09
SB-07_6-8_20200827	460-217009-7	Z57878.d	08/29/2020	5:32
SB-07_15-17_20200827	460-217009-8	Z57879.d	08/29/2020	5:56
SB-06_3-5_20200827	460-217009-9	Z57880.d	08/29/2020	6:20
SB-06_6-8_20200827	460-217009-10	Z57881.d	08/29/2020	6:43
SB-06_17-19_20200827	460-217009-11	Z57882.d	08/29/2020	7:07
SB-18_3-5_20200827	460-217009-3	Z57889.d	08/29/2020	9:53

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: L32307.d DFTPP Injection Date: 07/29/2020

Instrument ID: CBNAMS12 DFTPP Injection Time: 13:07

Analysis Batch No.: 712337

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	54.0	
68	Less than 2% of mass 69	0.6	(1.5) 1
69	Mass 69 Relative abundance	43.0	
70	Less than 2% of mass 69	0.2	(0.5) 1
127	10-80% of Base Peak	48.8	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.4	
275	10-60% of Base Peak	25.1	
365	Greater than 1% of mass 198	2.8	
441	present but less than 24% of mass 442	13.4	(15.1) 2
442	Greater than 50% of mass 198	88.6	
443	15-24% of mass 442	17.6	(19.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-712337/2	L32308.d	07/29/2020	13:21
	STD120 460-712337/3	L32309.d	07/29/2020	13:44
	STD80 460-712337/4	L32310.d	07/29/2020	14:06
	STD20 460-712337/5	L32311.d	07/29/2020	14:28
	STD10 460-712337/6	L32312.d	07/29/2020	14:50
	STD5 460-712337/7	L32313.d	07/29/2020	15:13
	STD2 460-712337/8	L32314.d	07/29/2020	15:35
	STD1 460-712337/9	L32315.d	07/29/2020	15:58
	STD05 460-712337/10	L32316.d	07/29/2020	16:20

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: L33415.d DFTPP Injection Date: 08/27/2020

Instrument ID: CBNAMS12 DFTPP Injection Time: 19:19

Analysis Batch No.: 720113

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	56.7	
68	Less than 2% of mass 69	0.5	(1.2) 1
69	Mass 69 Relative abundance	43.2	
70	Less than 2% of mass 69	0.3	(0.7) 1
127	10-80% of Base Peak	50.1	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	7.1	
275	10-60% of Base Peak	26.3	
365	Greater than 1% of mass 198	3.5	
441	present but less than 24% of mass 442	15.5	(16.2) 2
442	Greater than 50% of mass 198	95.8	
443	15-24% of mass 442	18.2	(19.0) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720113/2	L33416.d	08/27/2020	19:44
	MB 460-719969/1-A	L33419.d	08/27/2020	20:51
	LCS 460-719969/2-A	L33421.d	08/27/2020	21:36
SB-08_2-4_20200825	460-216817-6	L33422.d	08/27/2020	21:58
SB-02_0-2_20200825	460-216817-2	L33423.d	08/27/2020	22:21
SB-09_1-3_20200825	460-216817-4	L33424.d	08/27/2020	22:43
SB-04_2-4_20200825	460-216817-1	L33425.d	08/27/2020	23:05
SB-03_0-2_20200825	460-216817-5	L33426.d	08/27/2020	23:28
	460-216232-A-6-A MS	L33428.d	08/28/2020	0:12
	460-216232-A-6-B MSD	L33429.d	08/28/2020	0:34
SB-01_1-3_20200825	460-216817-3	L33435.d	08/28/2020	2:48

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: N92365.d DFTPP Injection Date: 07/30/2020

Instrument ID: CBNAMS14 DFTPP Injection Time: 14:45

Analysis Batch No.: 712734

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	42.1	
68	Less than 2% of mass 69	0.7	(1.8) 1
69	Mass 69 Relative abundance	41.0	
70	Less than 2% of mass 69	0.2	(0.4) 1
127	10-80% of Base Peak	47.4	
197	Less than 2% of mass 198	0.4	
198	Base peak	100.0	
199	5-9% of mass 198	6.3	
275	10-60% of Base Peak	26.8	
365	Greater than 1% of mass 198	3.8	
441	present but less than 24% of mass 442	18.6	(16.6) 2
442	Greater than 50% of mass 198	112.1	
443	15-24% of mass 442	21.6	(19.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-712734/2	N92366.d	07/30/2020	14:57
	STD24 460-712734/3	N92367.d	07/30/2020	15:23
	STD16 460-712734/4	N92368.d	07/30/2020	15:44
	STD4 460-712734/5	N92369.d	07/30/2020	16:05
	STD2 460-712734/6	N92370.d	07/30/2020	16:26
	STD1 460-712734/7	N92371.d	07/30/2020	16:48
	STD04 460-712734/8	N92372.d	07/30/2020	17:09
	STD02 460-712734/9	N92373.d	07/30/2020	17:30
	STD01 460-712734/10	N92374.d	07/30/2020	17:51
	ICV 460-712734/11	N92375.d	07/30/2020	18:12

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: N927248.d DFTPP Injection Date: 09/01/2020

Instrument ID: CBNAMS14 DFTPP Injection Time: 18:32

Analysis Batch No.: 721182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	33.2	
68	Less than 2% of mass 69	0.5	(1.5) 1
69	Mass 69 Relative abundance	33.7	
70	Less than 2% of mass 69	0.2	(0.6) 1
127	10-80% of Base Peak	43.6	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.6	
275	10-60% of Base Peak	29.0	
365	Greater than 1% of mass 198	4.2	
441	present but less than 24% of mass 442	24.2	(15.9) 2
442	Greater than 50% of mass 198	152.3	
443	15-24% of mass 442	29.4	(19.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-721182/2	N927249.d	09/01/2020	18:47
	MB 460-721059/1-A	N927251.d	09/01/2020	19:35
	LCS 460-721059/2-A	N927252.d	09/01/2020	19:55
	LCSD 460-721059/3-A	N927253a.d	09/01/2020	20:20
TW-01_20200828	460-217163-1	N927254.d	09/01/2020	20:41
TW-18_20200828	460-217163-2	N927255.d	09/01/2020	21:02
TW-16_20200828	460-217163-3	N927256.d	09/01/2020	21:23
TW-13_20200828	460-217163-4	N927257.d	09/01/2020	21:44
TW-07_20200828	460-217163-5	N927258.d	09/01/2020	22:04
TW-10_20200828	460-217163-6	N927259.d	09/01/2020	22:25
TW-09_20200828	460-217163-7	N927260.d	09/01/2020	22:46

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: f4515643a.D DFTPP Injection Date: 08/20/2020

Instrument ID: CBNAMS15 DFTPP Injection Time: 20:53

Analysis Batch No.: 718482

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	70.5	
68	Less than 2% of mass 69	1.1	(1.8) 1
69	Mass 69 Relative abundance	60.7	
70	Less than 2% of mass 69	0.3	(0.5) 1
127	10-80% of Base Peak	58.3	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.6	
275	10-60% of Base Peak	26.4	
365	Greater than 1% of mass 198	3.9	
441	present but less than 24% of mass 442	19.3	(16.6) 2
442	Greater than 50% of mass 198	116.4	
443	15-24% of mass 442	22.8	(19.6) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-718482/2	f4515644b.D	08/20/2020	21:30
	STD120 460-718482/3	f4515690.D	08/20/2020	22:07
	STD80 460-718482/4	f4515691.D	08/20/2020	22:24
	STD20 460-718482/5	f4515692.D	08/20/2020	22:41
	STD10 460-718482/6	f4515693.D	08/20/2020	22:58
	STD5 460-718482/7	f4515694.D	08/20/2020	23:16
	STD2 460-718482/8	f4515695.D	08/20/2020	23:33
	STD1 460-718482/9	f4515696.D	08/20/2020	23:50
	STD05 460-718482/10	f4515697.D	08/21/2020	0:07
	ICV 460-718482/11	f4515698.D	08/21/2020	0:24

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: f4516029.D DFTPP Injection Date: 08/28/2020

Instrument ID: CBNAMS15 DFTPP Injection Time: 19:33

Analysis Batch No.: 720409

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	62.9	
68	Less than 2% of mass 69	0.9	(1.7) 1
69	Mass 69 Relative abundance	53.3	
70	Less than 2% of mass 69	0.3	(0.5) 1
127	10-80% of Base Peak	53.9	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.4	
275	10-60% of Base Peak	25.0	
365	Greater than 1% of mass 198	3.7	
441	present but less than 24% of mass 442	18.6	(16.1) 2
442	Greater than 50% of mass 198	115.6	
443	15-24% of mass 442	23.4	(20.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720409/2	f4516030.D	08/28/2020	19:44
	MB 460-720271/1-A	f4516031.D	08/28/2020	20:05
	LCS 460-720271/2-A	f4516032.D	08/28/2020	20:22
	LCSD 460-720271/3-A	f4516033.D	08/28/2020	20:40
	460-216576-A-1-C MS	f4516064.D	08/29/2020	5:32
	460-216576-A-1-D MSD	f4516065.D	08/29/2020	5:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: M134215.D DFTPP Injection Date: 07/14/2020

Instrument ID: CBNAMS17 DFTPP Injection Time: 14:57

Analysis Batch No.: 708259

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	52.1	
68	Less than 2% of mass 69	0.8	(1.5) 1
69	Mass 69 Relative abundance	52.3	
70	Less than 2% of mass 69	0.2	(0.4) 1
127	10-80% of Base Peak	51.2	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.7	
275	10-60% of Base Peak	21.1	
365	Greater than 1% of mass 198	2.7	
441	present but less than 24% of mass 442	12.3	(17.0) 2
442	Greater than 50% of mass 198	72.0	
443	15-24% of mass 442	14.5	(20.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-708259/2	M134216.D	07/14/2020	15:13
	STD24 460-708259/3	M134217.D	07/14/2020	15:34
	STD16 460-708259/4	M134218.D	07/14/2020	15:55
	STD4 460-708259/5	M134219.D	07/14/2020	16:16
	STD2 460-708259/6	M134220.D	07/14/2020	16:37
	STD1 460-708259/7	M134221.D	07/14/2020	16:58
	STD04 460-708259/8	M134222.D	07/14/2020	17:19
	STD02 460-708259/9	M134223.D	07/14/2020	17:40
	STD01 460-708259/10	M134224.D	07/14/2020	18:01
	ICV 460-708259/11	M134225.D	07/14/2020	18:22

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: M135664.D DFTPP Injection Date: 08/30/2020

Instrument ID: CBNAMS17 DFTPP Injection Time: 20:18

Analysis Batch No.: 720701

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	45.1	
68	Less than 2% of mass 69	0.8	(1.8) 1
69	Mass 69 Relative abundance	42.8	
70	Less than 2% of mass 69	0.2	(0.4) 1
127	10-80% of Base Peak	48.4	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.7	
275	10-60% of Base Peak	23.7	
365	Greater than 1% of mass 198	2.9	
441	present but less than 24% of mass 442	12.3	(16.8) 2
442	Greater than 50% of mass 198	73.3	
443	15-24% of mass 442	13.6	(18.5) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720701/2	M135665.D	08/30/2020	20:33
	MB 460-720639/1-A	M135671.D	08/30/2020	22:41
	LCS 460-720639/2-A	M135672.D	08/30/2020	23:02
	LCSD 460-720639/3-A	M135673.D	08/30/2020	23:23
	460-217132-F-1-A MS	M135675.D	08/31/2020	0:05
	460-217132-G-1-A MSD	M135676.D	08/31/2020	0:26
TW-04_20200827	460-217143-1	M135688.D	08/31/2020	4:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: X28522.d DFTPP Injection Date: 08/25/2020

Instrument ID: CBNAMS5 DFTPP Injection Time: 11:54

Analysis Batch No.: 719436

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	56.8	
68	Less than 2% of mass 69	0.0	(0.0) 1
69	Mass 69 Relative abundance	34.4	
70	Less than 2% of mass 69	0.0	(0.0) 1
127	10-80% of Base Peak	53.3	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.3	
275	10-60% of Base Peak	28.1	
365	Greater than 1% of mass 198	3.9	
441	present but less than 24% of mass 442	19.4	(17.2) 2
442	Greater than 50% of mass 198	112.5	
443	15-24% of mass 442	21.6	(19.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-719436/2	X28523.d	08/25/2020	12:12
	STD120 460-719436/3	X28524.d	08/25/2020	12:36
	STD80 460-719436/4	X28525.d	08/25/2020	13:00
	STD20 460-719436/5	X28526.d	08/25/2020	13:24
	STD10 460-719436/6	X28527.d	08/25/2020	13:47
	STD5 460-719436/7	X28528.d	08/25/2020	14:11
	STD2 460-719436/8	X28529.d	08/25/2020	14:35
	STD1 460-719436/9	X28530.d	08/25/2020	14:59
	STD05 460-719436/10	X28531.d	08/25/2020	15:22
	ICV 460-719436/11	X28532.d	08/25/2020	15:46

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: X28630.d DFTPP Injection Date: 08/28/2020

Instrument ID: CBNAMS5 DFTPP Injection Time: 10:04

Analysis Batch No.: 720289

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	57.3	
68	Less than 2% of mass 69	0.5	(1.5) 1
69	Mass 69 Relative abundance	34.6	
70	Less than 2% of mass 69	0.2	(0.5) 1
127	10-80% of Base Peak	52.2	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.5	
275	10-60% of Base Peak	30.6	
365	Greater than 1% of mass 198	4.3	
441	present but less than 24% of mass 442	21.3	(17.2) 2
442	Greater than 50% of mass 198	123.9	
443	15-24% of mass 442	24.2	(19.5) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720289/2	X28631.d	08/28/2020	10:22
SB-15_0-2_20200826	460-216927-1	X28658.d	08/28/2020	21:03
SB-16_1-3_20200826	460-216927-2	X28659.d	08/28/2020	21:26
SB-17_0-2_20200826	460-216927-3	X28660.d	08/28/2020	21:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab File ID: X28728.d DFTPP Injection Date: 09/01/2020

Instrument ID: CBNAMS5 DFTPP Injection Time: 12:59

Analysis Batch No.: 721108

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10-80% of Base Peak	59.0	
68	Less than 2% of mass 69	0.0	(0.0) 1
69	Mass 69 Relative abundance	34.4	
70	Less than 2% of mass 69	0.0	(0.0) 1
127	10-80% of Base Peak	52.7	
197	Less than 2% of mass 198	0.0	
198	Base peak	100.0	
199	5-9% of mass 198	6.6	
275	10-60% of Base Peak	28.9	
365	Greater than 1% of mass 198	4.5	
441	present but less than 24% of mass 442	20.7	(16.4) 2
442	Greater than 50% of mass 198	126.3	
443	15-24% of mass 442	24.8	(19.7) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-721108/2	X28729.d	09/01/2020	13:13
	MB 460-720963/1-A	X28731.d	09/01/2020	14:00
	LCS 460-720963/2-A	X28732.d	09/01/2020	14:23
	LCSD 460-720963/3-A	X28733.d	09/01/2020	14:47
SB-12_0-2_20200828	460-217095-1	X28739.d	09/01/2020	17:08
SB-13_1-3_20200828	460-217095-2	X28740.d	09/01/2020	17:31
SB-14_2-4_20200828	460-217095-3	X28741.d	09/01/2020	17:55
SB-11_3-5_20200828	460-217095-4	X28745.d	09/01/2020	19:29

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-716052/2 Date Analyzed: 08/12/2020 15:52

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z57320.d Heated Purge: (Y/N) N

Calibration ID: 81496

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		423158	4.31	1604544	5.54	861769	7.23
UPPER LIMIT		846316	4.81	3209088	6.04	1723538	7.73
LOWER LIMIT		211579	3.81	802272	5.04	430885	6.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-716052/11		478051	4.31	1790404	5.54	960226	7.23

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-716052/2 Date Analyzed: 08/12/2020 15:52

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z57320.d Heated Purge: (Y/N) N

Calibration ID: 81496

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1544721	8.64	1357117	11.28	1486002	13.15
UPPER LIMIT		3089442	9.14	2714234	11.78	2972004	13.65
LOWER LIMIT		772361	8.14	678559	10.78	743001	12.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-716052/11		1715181	8.64	1486285	11.28	1583752	13.17

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720401/2 Date Analyzed: 08/29/2020 00:47

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z57866.d Heated Purge: (Y/N) N

Calibration ID: 81496

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		468500	4.16	1784117	5.40	990791	7.09
UPPER LIMIT		937000	4.66	3568234	5.90	1981582	7.59
LOWER LIMIT		234250	3.66	892059	4.90	495396	6.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720378/1-A		483522	4.16	1879063	5.40	1079260	7.09
LCS 460-720378/2-A		607961	4.16	2367464	5.40	1336386	7.10
460-217009-1	SB-10_1-3_20200827	503752	4.16	1903297	5.40	1090910	7.09
460-217009-1 MS	SB-10_1-3_20200827 MS	602301	4.17	2336556	5.40	1321695	7.09
460-217009-1 MSD	SB-10_1-3_20200827 MSD	554047	4.16	2128240	5.40	1203929	7.10
460-217009-2	SB-10_17-19_20200827	602816	4.15	2306161	5.40	1325006	7.09
460-217009-4	SB-18_16-18_20200827	581980	4.15	2235198	5.40	1255901	7.09
460-217009-5	SB-05_1-3_20200827	557271	4.16	2145751	5.40	1255205	7.09
460-217009-6	SB-07_0-2_20200827	551318	4.16	2100785	5.40	1214171	7.09
460-217009-7	SB-07_6-8_20200827	573860	4.16	2192064	5.40	1230230	7.09
460-217009-8	SB-07_15-17_20200827	536972	4.16	2087208	5.40	1200244	7.09
460-217009-9	SB-06_3-5_20200827	618322	4.17	2362069	5.40	1327930	7.09
460-217009-10	SB-06_6-8_20200827	538862	4.17	2082056	5.40	1204996	7.09
460-217009-11	SB-06_17-19_20200827	611582	4.16	2379907	5.40	1345433	7.09
460-217009-3	SB-18_3-5_20200827	607200	4.15	2217824	5.40	1297157	7.09

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720401/2 Date Analyzed: 08/29/2020 00:47

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z57866.d Heated Purge: (Y/N) N

Calibration ID: 81496

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1888671	8.51	1683821	11.14	1600746	12.98
UPPER LIMIT		3777342	9.01	3367642	11.64	3201492	13.48
LOWER LIMIT		944336	8.01	841911	10.64	800373	12.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720378/1-A		2108618	8.51	1814941	11.13	1531430	12.98
LCS 460-720378/2-A		2517405	8.51	2079809	11.14	1796400	12.99
460-217009-1	SB-10_1-3_20200827	2118569	8.51	1779616	11.13	1541877	12.98
460-217009-1 MS	SB-10_1-3_20200827 MS	2511985	8.51	2122729	11.14	1849114	12.99
460-217009-1 MSD	SB-10_1-3_20200827 MSD	2240338	8.51	1891412	11.14	1637762	12.99
460-217009-2	SB-10_17-19_20200827	2581226	8.51	2174010	11.14	1781515	12.98
460-217009-4	SB-18_16-18_20200827	2458264	8.51	1996835	11.13	1655990	12.98
460-217009-5	SB-05_1-3_20200827	2366125	8.51	2023505	11.13	1663606	12.98
460-217009-6	SB-07_0-2_20200827	2329538	8.51	1969654	11.13	1620243	12.98
460-217009-7	SB-07_6-8_20200827	2214080	8.51	1723156	11.14	1428624	12.99
460-217009-8	SB-07_15-17_20200827	2293990	8.51	1858518	11.13	1527239	12.98
460-217009-9	SB-06_3-5_20200827	2557090	8.51	2095629	11.14	1726088	12.98
460-217009-10	SB-06_6-8_20200827	2279429	8.51	1861858	11.13	1523156	12.98
460-217009-11	SB-06_17-19_20200827	2554792	8.51	2041353	11.14	1696749	12.98
460-217009-3	SB-18_3-5_20200827	2453994	8.51	1903185	11.14	1551807	12.99

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720113/2 Date Analyzed: 08/27/2020 19:44

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L33416.d Heated Purge: (Y/N) N

Calibration ID: 81335

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		108794	4.36	393027	5.57	199045	7.24
UPPER LIMIT		217588	4.86	786054	6.07	398090	7.74
LOWER LIMIT		54397	3.86	196514	5.07	99523	6.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-719969/1-A		105041	4.36	381737	5.57	191797	7.23
LCS 460-719969/2-A		96866	4.36	338086	5.57	158805	7.24
460-216817-6	SB-08_2-4_20200825	102170	4.36	369309	5.57	187469	7.23
460-216817-2	SB-02_0-2_20200825	102479	4.35	379478	5.57	182948	7.23
460-216817-4	SB-09_1-3_20200825	103003	4.35	372552	5.57	177743	7.23
460-216817-1	SB-04_2-4_20200825	104967	4.36	387332	5.57	191813	7.23
460-216817-5	SB-03_0-2_20200825	108646	4.35	393645	5.57	192909	7.23
460-216232-A-6-A MS		108444	4.36	377426	5.57	173266	7.23
460-216232-A-6-B MSD		106748	4.36	376147	5.57	173892	7.23
460-216817-3	SB-01_1-3_20200825	109189	4.36	376996	5.57	174472	7.24

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720113/2 Date Analyzed: 08/27/2020 19:44

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L33416.d Heated Purge: (Y/N) N

Calibration ID: 81335

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		370658	8.65	314682	11.27	374299	13.17
UPPER LIMIT		741316	9.15	629364	11.77	748598	13.67
LOWER LIMIT		185329	8.15	157341	10.77	187150	12.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-719969/1-A		347650	8.64	251041	11.26	236227	13.16
LCS 460-719969/2-A		289060	8.64	220549	11.26	227916	13.16
460-216817-6	SB-08_2-4_20200825	350307	8.64	266403	11.26	253303	13.16
460-216817-2	SB-02_0-2_20200825	338884	8.63	245030	11.26	244453	13.16
460-216817-4	SB-09_1-3_20200825	327496	8.64	236568	11.26	236422	13.16
460-216817-1	SB-04_2-4_20200825	352575	8.64	249488	11.26	244842	13.16
460-216817-5	SB-03_0-2_20200825	342117	8.64	237699	11.26	249200	13.16
460-216232-A-6-A MS		305428	8.64	246560	11.27	309948	13.17
460-216232-A-6-B MSD		301487	8.64	254245	11.27	316223	13.17
460-216817-3	SB-01_1-3_20200825	301993	8.64	259734	11.27	293629	13.17

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-712734/2 Date Analyzed: 07/30/2020 14:57

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N92366.d Heated Purge: (Y/N) N

Calibration ID: 81351

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		269130	4.54	902044	5.75	411277	7.40
UPPER LIMIT		538260	5.04	1804088	6.25	822554	7.90
LOWER LIMIT		134565	4.04	451022	5.25	205639	6.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-712734/11		324819	4.54	1147939	5.75	554937	7.40

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-712734/2 Date Analyzed: 07/30/2020 14:57

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N92366.d Heated Purge: (Y/N) N

Calibration ID: 81351

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		619564	8.80	412931	11.45	462848	13.36
UPPER LIMIT		1239128	9.30	825862	11.95	925696	13.86
LOWER LIMIT		309782	8.30	206466	10.95	231424	12.86
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-712734/11		848712	8.80	502607	11.44	515253	13.35

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721182/2 Date Analyzed: 09/01/2020 18:47

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N927249.d Heated Purge: (Y/N) N

Calibration ID: 81351

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		148163	4.46	502635	5.67	245267	7.33
UPPER LIMIT		296326	4.96	1005270	6.17	490534	7.83
LOWER LIMIT		74082	3.96	251318	5.17	122634	6.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-721059/1-A		170925	4.46	600552	5.67	311239	7.33
LCS 460-721059/2-A		184411	4.46	622818	5.67	303611	7.33
LCSD 460-721059/3-A		180356	4.46	610578	5.67	300785	7.33
460-217163-1	TW-01_20200828	163010	4.46	576348	5.67	297311	7.33
460-217163-2	TW-18_20200828	170521	4.46	609780	5.67	314230	7.33
460-217163-3	TW-16_20200828	152275	4.46	540147	5.67	279689	7.33
460-217163-4	TW-13_20200828	164288	4.46	573851	5.67	292548	7.33
460-217163-5	TW-07_20200828	192421	4.46	677812	5.67	344994	7.33
460-217163-6	TW-10_20200828	157314	4.46	553797	5.67	282724	7.33
460-217163-7	TW-09_20200828	158652	4.46	568253	5.67	296025	7.33

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721182/2 Date Analyzed: 09/01/2020 18:47

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N927249.d Heated Purge: (Y/N) N

Calibration ID: 81351

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		400725	8.73	333254	11.36	420176	13.25
UPPER LIMIT		801450	9.23	666508	11.86	840352	13.75
LOWER LIMIT		200363	8.23	166627	10.86	210088	12.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-721059/1-A		535657	8.73	393371	11.35	456024	13.25
LCS 460-721059/2-A		497727	8.73	411781	11.36	452385	13.25
LCSD 460-721059/3-A		504660	8.73	422184	11.36	473908	13.25
460-217163-1	TW-01_20200828	499060	8.73	365551	11.35	417218	13.25
460-217163-2	TW-18_20200828	529704	8.73	384321	11.35	431724	13.25
460-217163-3	TW-16_20200828	470423	8.73	341631	11.35	382939	13.25
460-217163-4	TW-13_20200828	485828	8.73	378882	11.35	427890	13.25
460-217163-5	TW-07_20200828	570177	8.73	424314	11.35	484221	13.25
460-217163-6	TW-10_20200828	474744	8.73	350581	11.35	404244	13.25
460-217163-7	TW-09_20200828	506555	8.73	389586	11.35	438139	13.25

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-718482/2 Date Analyzed: 08/20/2020 21:30

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4515644b.D Heated Purge: (Y/N) N

Calibration ID: 81644

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		71489	3.33	286720	4.29	142692	5.63
UPPER LIMIT		142978	3.83	573440	4.79	285384	6.13
LOWER LIMIT		35745	2.83	143360	3.79	71346	5.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-718482/11		75208	3.31	298922	4.28	149119	5.63

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-718482/2 Date Analyzed: 08/20/2020 21:30

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4515644b.D Heated Purge: (Y/N) N

Calibration ID: 81644

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		252192	6.75	215773	8.79	250905	10.19
UPPER LIMIT		504384	7.25	431546	9.29	501810	10.69
LOWER LIMIT		126096	6.25	107887	8.29	125453	9.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-718482/11		266807	6.75	226303	8.78	256318	10.18

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720409/2 Date Analyzed: 08/28/2020 19:44

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4516030.D Heated Purge: (Y/N) N

Calibration ID: 81644

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		77730	3.34	302424	4.31	159043	5.67
UPPER LIMIT		155460	3.84	604848	4.81	318086	6.17
LOWER LIMIT		38865	2.84	151212	3.81	79522	5.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720271/1-A		81274	3.34	327172	4.31	171354	5.66
LCS 460-720271/2-A		79321	3.33	314258	4.31	165849	5.66
LCSD 460-720271/3-A		79483	3.33	316133	4.30	167526	5.66
460-216576-A-1-C MS		73097	3.33	287644	4.31	153529	5.66
460-216576-A-1-D MSD		72921	3.33	282956	4.31	151094	5.66

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720409/2 Date Analyzed: 08/28/2020 19:44

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4516030.D Heated Purge: (Y/N) N

Calibration ID: 81644

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		296221	6.79	265154	8.85	274271	10.28
UPPER LIMIT		592442	7.29	530308	9.35	548542	10.78
LOWER LIMIT		148111	6.29	132577	8.35	137136	9.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720271/1-A		329891	6.78	300945	8.84	312195	10.26
LCS 460-720271/2-A		311254	6.78	281806	8.84	291654	10.26
LCSD 460-720271/3-A		319870	6.78	288214	8.84	297016	10.26
460-216576-A-1-C MS		279796	6.79	253000	8.85	249332	10.27
460-216576-A-1-D MSD		276437	6.79	254109	8.85	245705	10.27

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-708259/2 Date Analyzed: 07/14/2020 15:13

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M134216.D Heated Purge: (Y/N) N

Calibration ID: 80995

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		134513	3.57	460647	4.82	207149	6.51
UPPER LIMIT		269026	4.07	921294	5.32	414298	7.01
LOWER LIMIT		67257	3.07	230324	4.32	103575	6.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-708259/11		144869	3.57	505817	4.82	226119	6.50

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-708259/2 Date Analyzed: 07/14/2020 15:13

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M134216.D Heated Purge: (Y/N) N

Calibration ID: 80995

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		301872	7.90	222393	10.40	251627	12.05
UPPER LIMIT		603744	8.40	444786	10.90	503254	12.55
LOWER LIMIT		150936	7.40	111197	9.90	125814	11.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-708259/11		317638	7.90	212872	10.39	242561	12.05

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720701/2 Date Analyzed: 08/30/2020 20:33

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M135665.D Heated Purge: (Y/N) N

Calibration ID: 80995

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		164224	3.26	598240	4.53	287417	6.22
UPPER LIMIT		328448	3.76	1196480	5.03	574834	6.72
LOWER LIMIT		82112	2.76	299120	4.03	143709	5.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720639/1-A		171165	3.25	624909	4.53	310342	6.22
LCS 460-720639/2-A		201003	3.26	708282	4.53	333176	6.22
LCSD 460-720639/3-A		201642	3.26	708056	4.53	327774	6.22
460-217132-F-1-A MS		230759	3.26	816785	4.53	384443	6.22
460-217132-G-1-A MSD		212442	3.26	747490	4.53	350494	6.22
460-217143-1	TW-04_20200827	186147	3.25	687418	4.53	341631	6.22

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720701/2 Date Analyzed: 08/30/2020 20:33

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M135665.D Heated Purge: (Y/N) N

Calibration ID: 80995

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		443573	7.61	292160	10.09	310102	11.61
UPPER LIMIT		887146	8.11	584320	10.59	620204	12.11
LOWER LIMIT		221787	7.11	146080	9.59	155051	11.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720639/1-A		523070	7.61	307527	10.08	292256	11.61
LCS 460-720639/2-A		523171	7.61	369869	10.09	368028	11.61
LCSD 460-720639/3-A		522638	7.61	371002	10.09	361538	11.61
460-217132-F-1-A MS		615363	7.61	406537	10.09	400556	11.61
460-217132-G-1-A MSD		555423	7.61	384483	10.09	374953	11.61
460-217143-1	TW-04_20200827	551390	7.61	343579	10.08	324453	11.61

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-719436/2 Date Analyzed: 08/25/2020 12:12

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X28523.d Heated Purge: (Y/N) N

Calibration ID: 81678

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28473	4.58	121769	5.79	61126	7.44
UPPER LIMIT		56946	5.08	243538	6.29	122252	7.94
LOWER LIMIT		14237	4.08	60885	5.29	30563	6.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-719436/11		28772	4.58	119831	5.78	58805	7.44

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: ICIS 460-719436/2 Date Analyzed: 08/25/2020 12:12

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X28523.d Heated Purge: (Y/N) N

Calibration ID: 81678

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		108230	8.84	97644	11.49	119798	13.43
UPPER LIMIT		216460	9.34	195288	11.99	239596	13.93
LOWER LIMIT		54115	8.34	48822	10.99	59899	12.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-719436/11		105466	8.83	94661	11.49	112705	13.42

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720289/2 Date Analyzed: 08/28/2020 10:22

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X28631.d Heated Purge: (Y/N) N

Calibration ID: 81678

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		28622	4.56	116809	5.77	58173	7.43
UPPER LIMIT		57244	5.06	233618	6.27	116346	7.93
LOWER LIMIT		14311	4.06	58405	5.27	29087	6.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-216927-1	SB-15_0-2_20200826	27202	4.56	108742	5.77	51160	7.43
460-216927-2	SB-16_1-3_20200826	30493	4.56	119897	5.77	55492	7.43
460-216927-3	SB-17_0-2_20200826	29552	4.56	115353	5.77	55009	7.43

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720289/2 Date Analyzed: 08/28/2020 10:22

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X28631.d Heated Purge: (Y/N) N

Calibration ID: 81678

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		105691	8.82	97880	11.47	117084	13.40
UPPER LIMIT		211382	9.32	195760	11.97	234168	13.90
LOWER LIMIT		52846	8.32	48940	10.97	58542	12.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-216927-1	SB-15_0-2_20200826	89427	8.82	76403	11.47	82662	13.41
460-216927-2	SB-16_1-3_20200826	96807	8.82	82479	11.47	97431	13.41
460-216927-3	SB-17_0-2_20200826	98407	8.82	87522	11.47	100592	13.42

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721108/2 Date Analyzed: 09/01/2020 13:13

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X28729.d Heated Purge: (Y/N) N

Calibration ID: 81678

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23961	4.52	95642	5.72	47503	7.38
UPPER LIMIT		47922	5.02	191284	6.22	95006	7.88
LOWER LIMIT		11981	4.02	47821	5.22	23752	6.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720963/1-A		28139	4.51	114065	5.72	57451	7.38
LCS 460-720963/2-A		27600	4.52	111131	5.72	54803	7.38
LCSD 460-720963/3-A		27569	4.52	112009	5.72	54609	7.38
460-217095-1	SB-12_0-2_20200828	22936	4.52	93069	5.72	47912	7.38
460-217095-2	SB-13_1-3_20200828	23940	4.52	97120	5.72	48864	7.38
460-217095-3	SB-14_2-4_20200828	24093	4.52	95686	5.72	49500	7.38
460-217095-4	SB-11_3-5_20200828	24776	4.52	101243	5.72	50186	7.38

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-721108/2 Date Analyzed: 09/01/2020 13:13

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X28729.d Heated Purge: (Y/N) N

Calibration ID: 81678

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		84853	8.78	77064	11.42	96200	13.33
UPPER LIMIT		169706	9.28	154128	11.92	192400	13.83
LOWER LIMIT		42427	8.28	38532	10.92	48100	12.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720963/1-A		108378	8.78	95293	11.41	100354	13.33
LCS 460-720963/2-A		103323	8.78	87533	11.42	95373	13.33
LCSD 460-720963/3-A		97804	8.78	82752	11.42	91588	13.33
460-217095-1	SB-12_0-2_20200828	88934	8.78	73109	11.41	77973	13.33
460-217095-2	SB-13_1-3_20200828	89129	8.78	73242	11.41	79163	13.33
460-217095-3	SB-14_2-4_20200828	90955	8.78	76818	11.41	81662	13.33
460-217095-4	SB-11_3-5_20200828	91499	8.78	74422	11.41	82550	13.33

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: L33425.d

Analysis Method: 8270D Date Collected: 08/25/2020 08:20

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 23:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0089	U	0.035	0.0089
95-50-1	1,2-Dichlorobenzene	0.0059	U	0.35	0.0059
541-73-1	1,3-Dichlorobenzene	0.0046	U	0.35	0.0046
106-46-7	1,4-Dichlorobenzene	0.013	U	0.35	0.013
123-91-1	1,4-Dioxane	0.0096	U	0.11	0.0096
108-60-1	2,2'-oxybis[1-chloropropane]	0.0063	U	0.35	0.0063
121-14-2	2,4-Dinitrotoluene	0.037	U	0.070	0.037
606-20-2	2,6-Dinitrotoluene	0.025	U	0.070	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.35	0.016
91-57-6	2-Methylnaphthalene	0.0097	U	0.35	0.0097
88-74-4	2-Nitroaniline	0.013	U	0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	0.053	U	0.14	0.053
99-09-2	3-Nitroaniline	0.039	U	0.35	0.039
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.35	0.014
106-47-8	4-Chloroaniline	0.024	U	0.35	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012
100-01-6	4-Nitroaniline	0.040	U	0.35	0.040
83-32-9	Acenaphthene	0.025	U	0.35	0.025
208-96-8	Acenaphthylene	0.011	J	0.35	0.0036
120-12-7	Anthracene	0.12	J	0.35	0.011
56-55-3	Benzo[a]anthracene	0.40		0.035	0.012
50-32-8	Benzo[a]pyrene	0.46	*	0.035	0.0093
205-99-2	Benzo[b]fluoranthene	0.55		0.035	0.0090
191-24-2	Benzo[g,h,i]perylene	0.27	J	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.22		0.035	0.0068
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.35	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.35	0.016
86-74-8	Carbazole	0.017	J	0.35	0.013
218-01-9	Chrysene	0.37		0.35	0.0059
53-70-3	Dibenz(a,h)anthracene	0.073	*	0.035	0.015
132-64-9	Dibenzofuran	0.017	J	0.35	0.0049
84-66-2	Diethyl phthalate	0.0050	U	0.35	0.0050

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: L33425.d

Analysis Method: 8270D Date Collected: 08/25/2020 08:20

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 23:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.079	U	0.35	0.079
84-74-2	Di-n-butyl phthalate	0.061	U	0.35	0.061
117-84-0	Di-n-octyl phthalate	0.018	U	0.35	0.018
206-44-0	Fluoranthene	0.73		0.35	0.012
86-73-7	Fluorene	0.020	J	0.35	0.0047
118-74-1	Hexachlorobenzene	0.017	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.0074	U	0.070	0.0074
77-47-4	Hexachlorocyclopentadiene	0.031	U	0.35	0.031
67-72-1	Hexachloroethane	0.012	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.32	*	0.035	0.014
78-59-1	Isophorone	0.10	U	0.14	0.10
91-20-3	Naphthalene	0.0060	U	0.35	0.0060
98-95-3	Nitrobenzene	0.0084	U	0.035	0.0084
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.0067	U	0.35	0.0067
85-01-8	Phenanthrene	0.45		0.35	0.0061
129-00-0	Pyrene	0.73		0.35	0.0087

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	61		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	62		19-105
1718-51-0	Terphenyl-d14 (Surr)	74		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: L33425.d

Analysis Method: 8270D Date Collected: 08/25/2020 08:20

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 23:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 2 TIC Result Total: 2.11

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.81	1.8	A J	
	Unknown	11.00	0.31	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d
Lims ID: 460-216817-E-1-B
Client ID: SB-04_2-4_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 23:05:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-011
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:23:12 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:25:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	97	104967	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	95	116059	31.1	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	387332	40.0	
42 2-Methylnaphthalene	142	6.251	6.251	0.000	82	916	0.1335	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	226038	30.5	
61 Acenaphthylene	152	7.104	7.104	0.000	97	1520	0.1546	
* 63 Acenaphthene-d10	164	7.233	7.239	-0.006	97	191813	40.0	
65 Acenaphthene	154	7.263	7.269	-0.006	88	866	0.1370	
69 Dibenzofuran	168	7.433	7.433	0.000	94	2140	0.2406	
74 Fluorene	166	7.757	7.757	0.000	93	2048	0.2880	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	352575	40.0	
86 Phenanthrene	178	8.657	8.669	-0.012	98	64775	6.39	
87 Anthracene	178	8.710	8.716	-0.006	97	18492	1.76	
88 Carbazole	167	8.869	8.875	-0.006	94	2426	0.2440	
90 Fluoranthene	202	9.786	9.792	-0.006	98	120428	10.4	
92 Pyrene	202	9.998	10.004	-0.006	97	102743	10.4	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	239708	37.2	
99 Benzo[a]anthracene	228	11.251	11.257	-0.006	98	50916	5.74	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	249488	40.0	
101 Chrysene	228	11.292	11.304	-0.012	99	44821	5.31	
104 Benzo[b]fluoranthene	252	12.627	12.639	-0.012	98	56165	7.85	
105 Benzo[k]fluoranthene	252	12.657	12.674	-0.017	1	23639	3.10	M
106 Benzo[a]pyrene	252	13.080	13.092	-0.012	97	41534	6.52	
* 107 Perylene-d12	264	13.163	13.168	-0.005	99	244842	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.733	14.751	-0.018	99	30590	4.57	
109 Dibenz(a,h)anthracene	278	14.762	14.786	-0.024	94	6858	1.04	
110 Benzo[g,h,i]perylene	276	15.162	15.192	-0.030	96	28912	3.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d
Lims ID: 460-216817-E-1-B
Client ID: SB-04_2-4_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 23:05:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-011
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:23:12 Calib Date: 29-Jul-2020 16:20:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:25:42

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.810	422007	26.2	13	0	0		0	
		Unknown						
11.004	112557	4.48	100					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.357	643207	40.0
* 100 Chrysene-d12	11.263	1004648	40.0

QC Flag Legend

Processing Flags

Reagents:

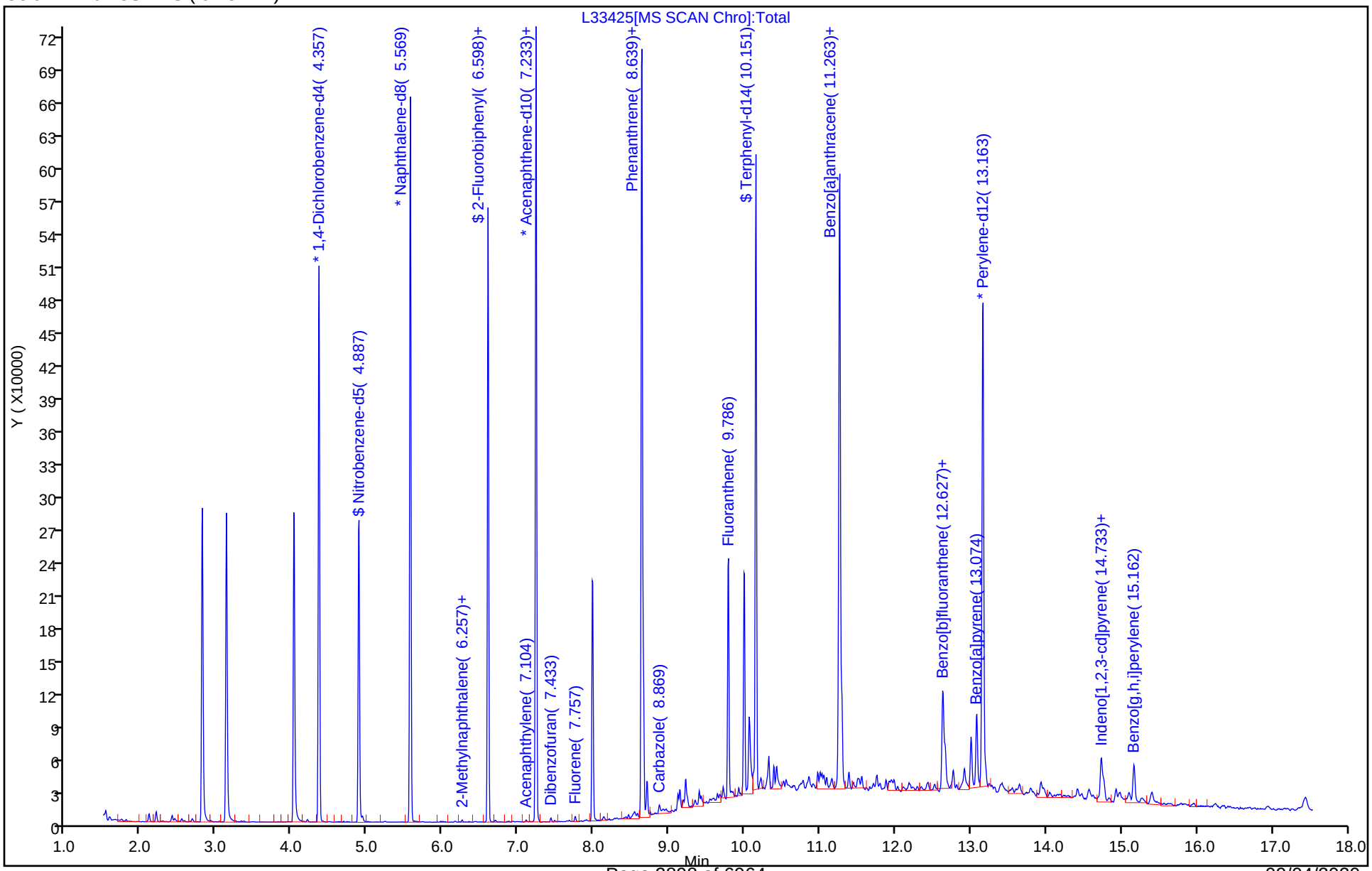
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1	Worklist Smp#:	11
Client ID:	SB-04_2-4_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

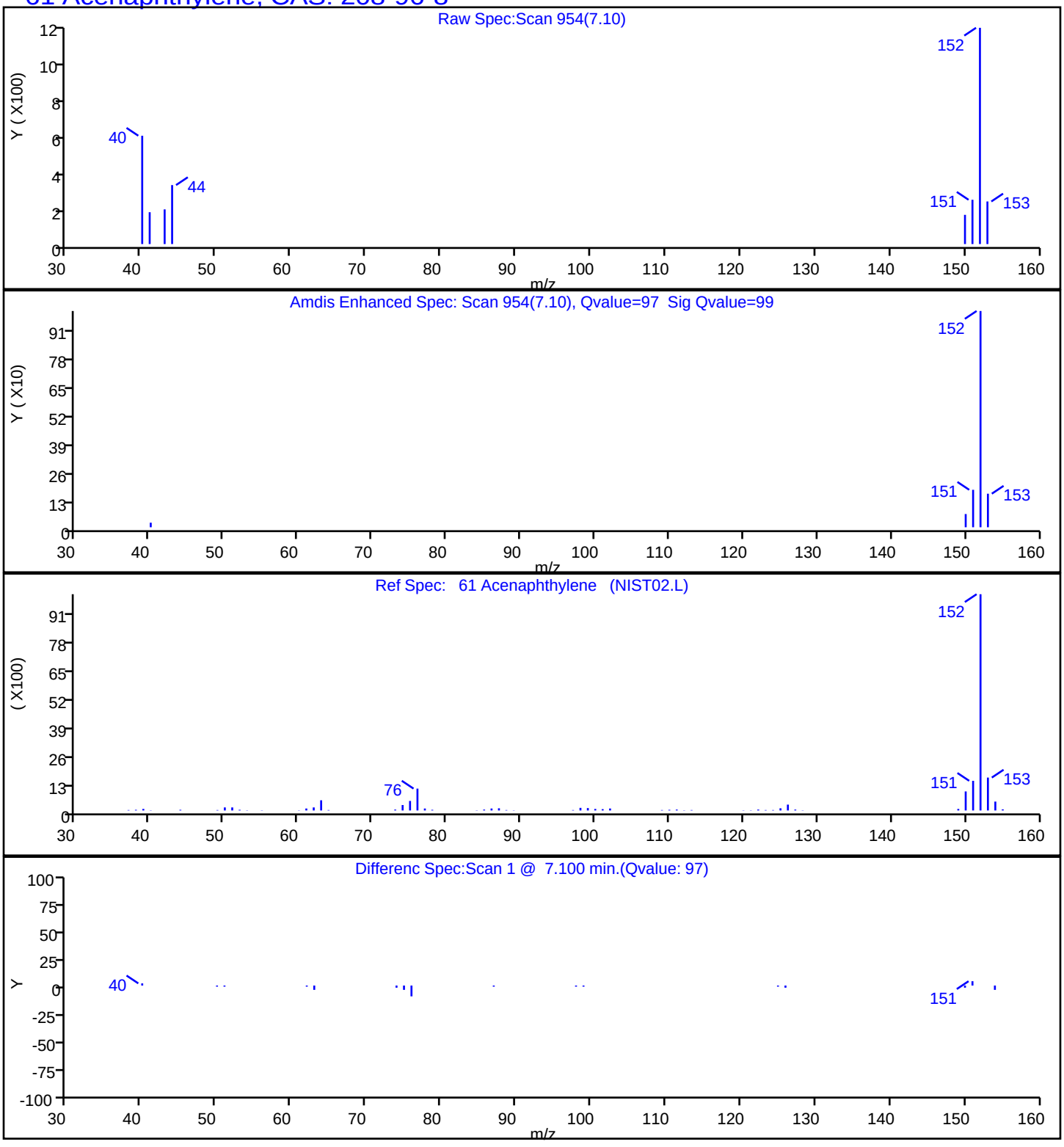
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

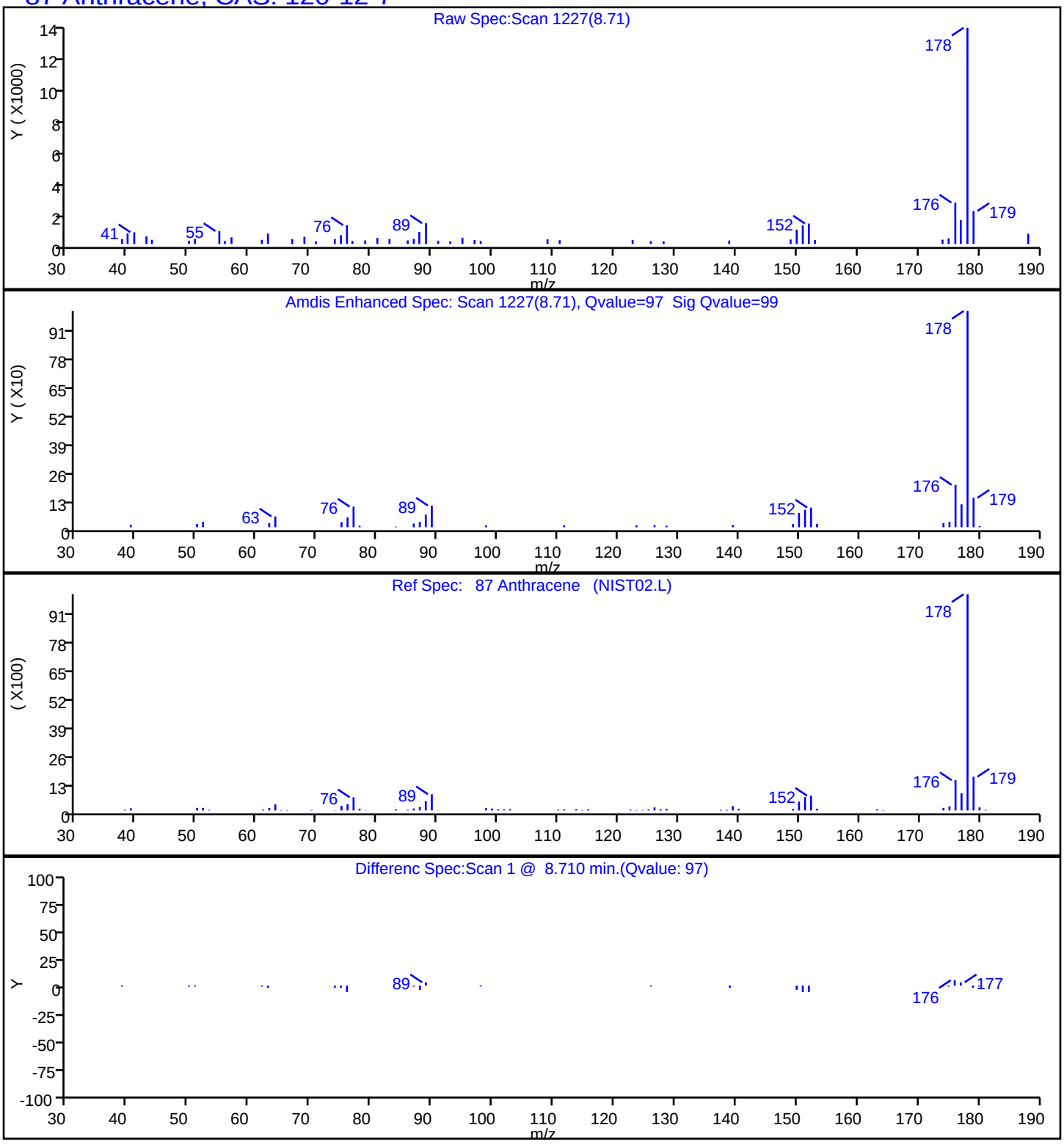
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Anthracene, CAS: 120-12-7

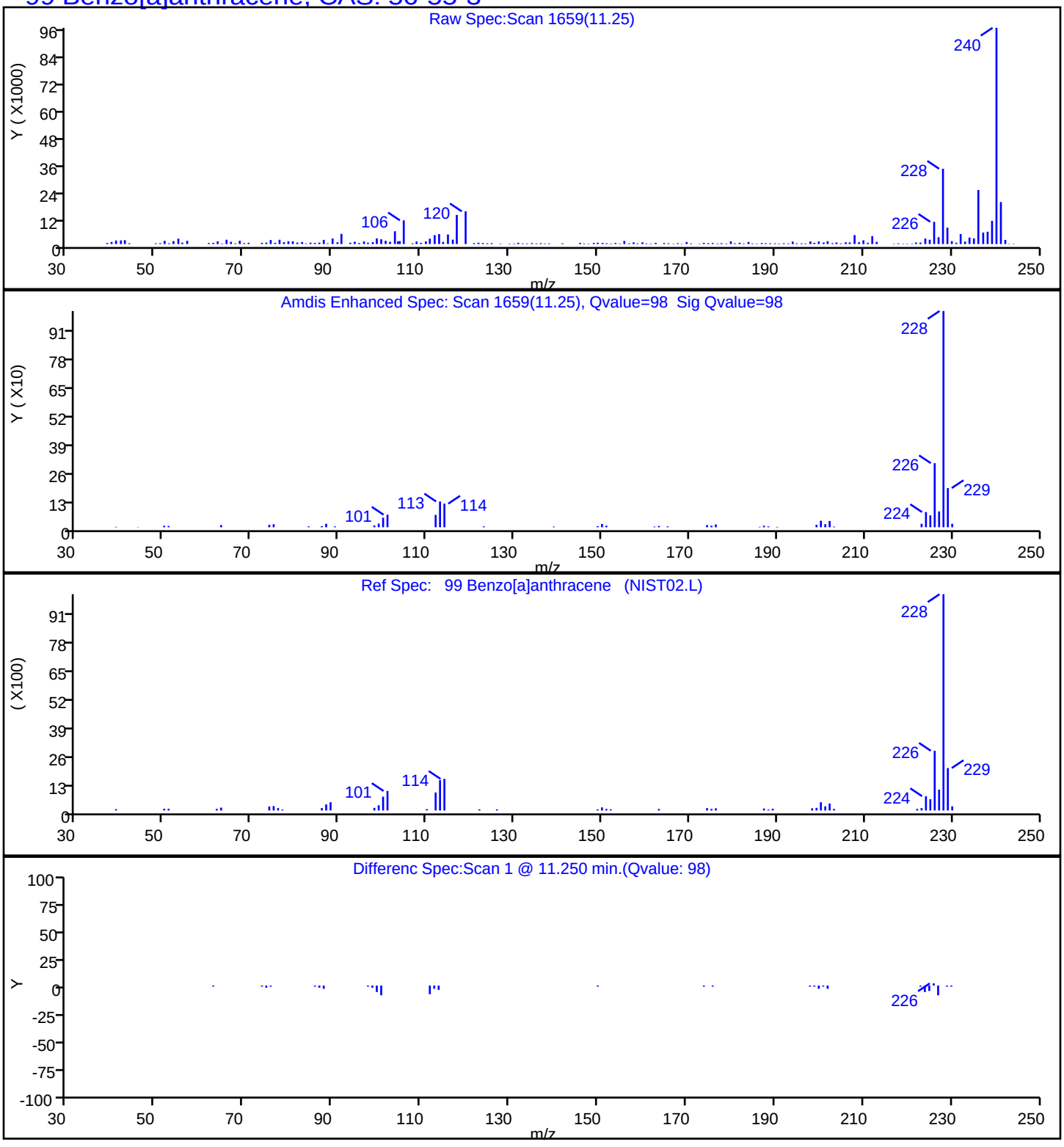


Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

99 Benzo[a]anthracene, CAS: 56-55-3

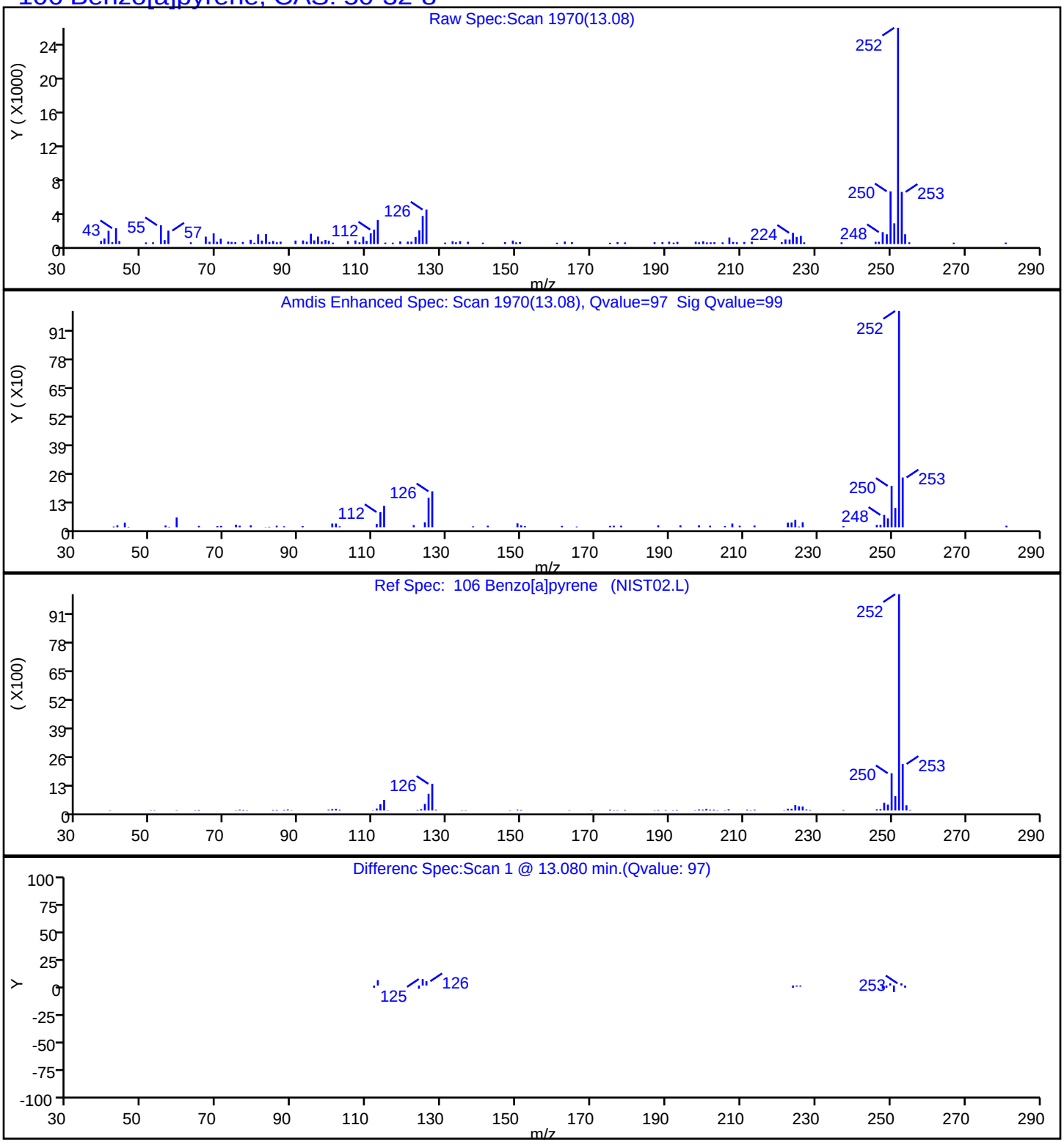


Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

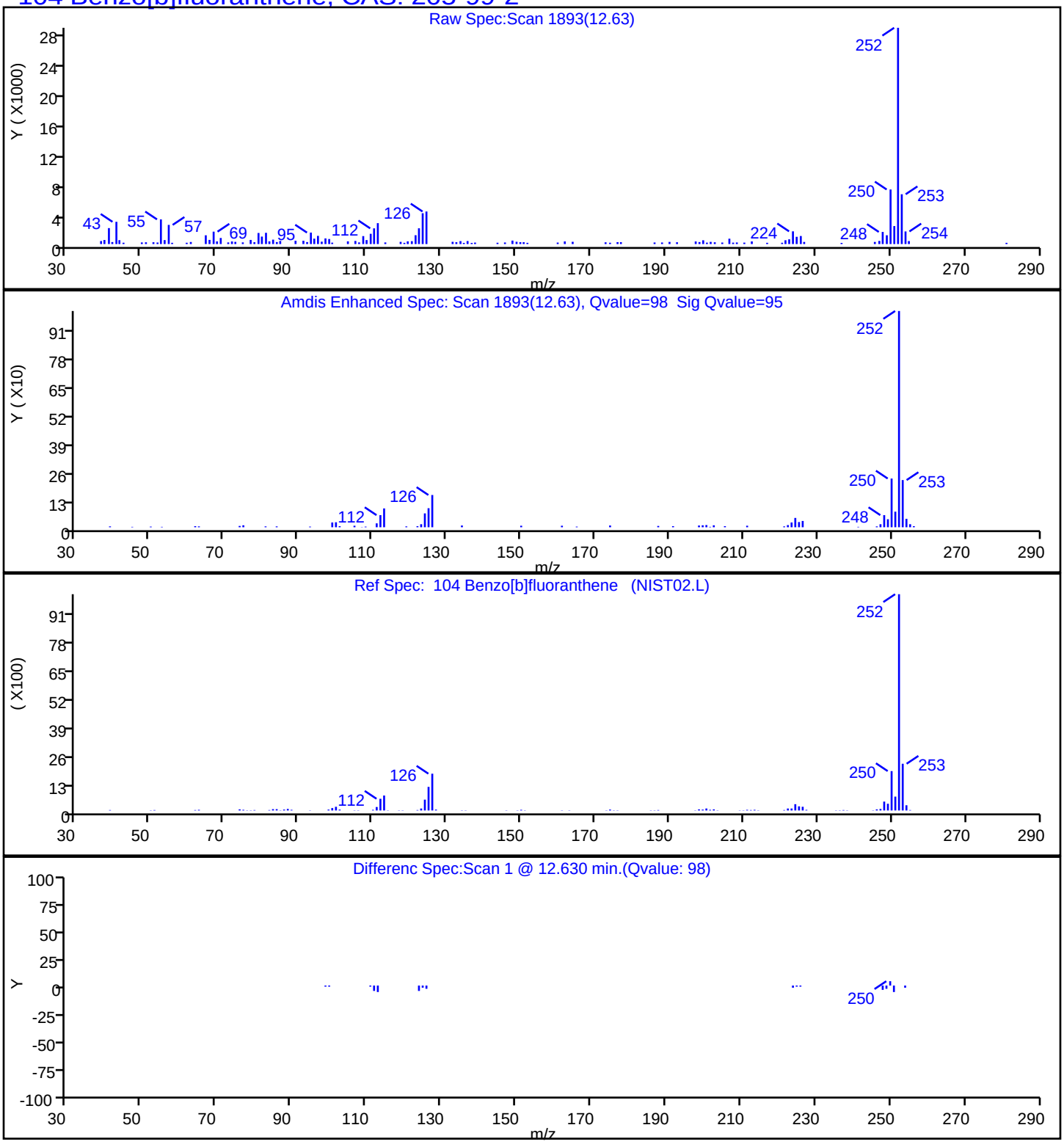
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

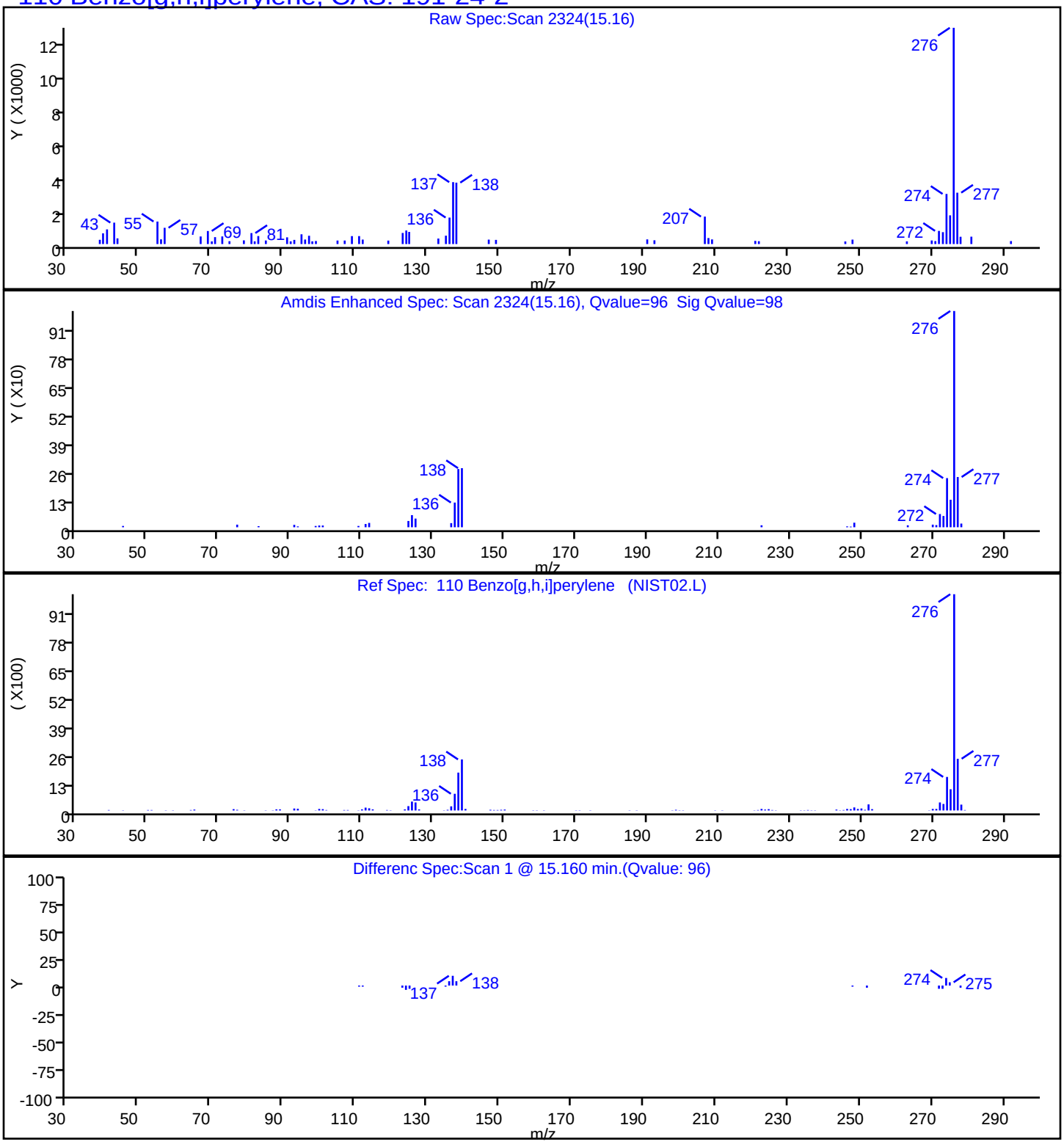
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

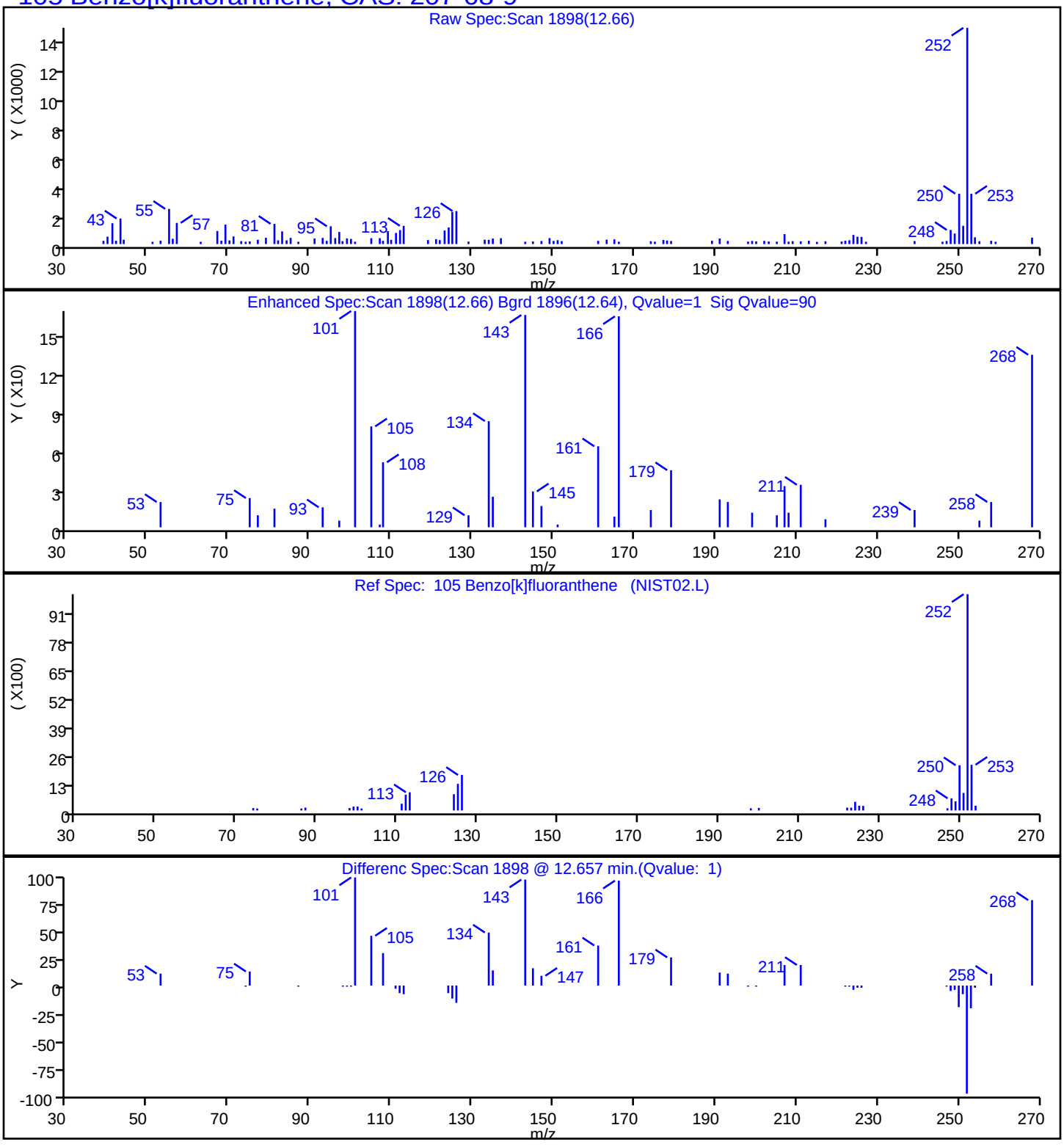
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

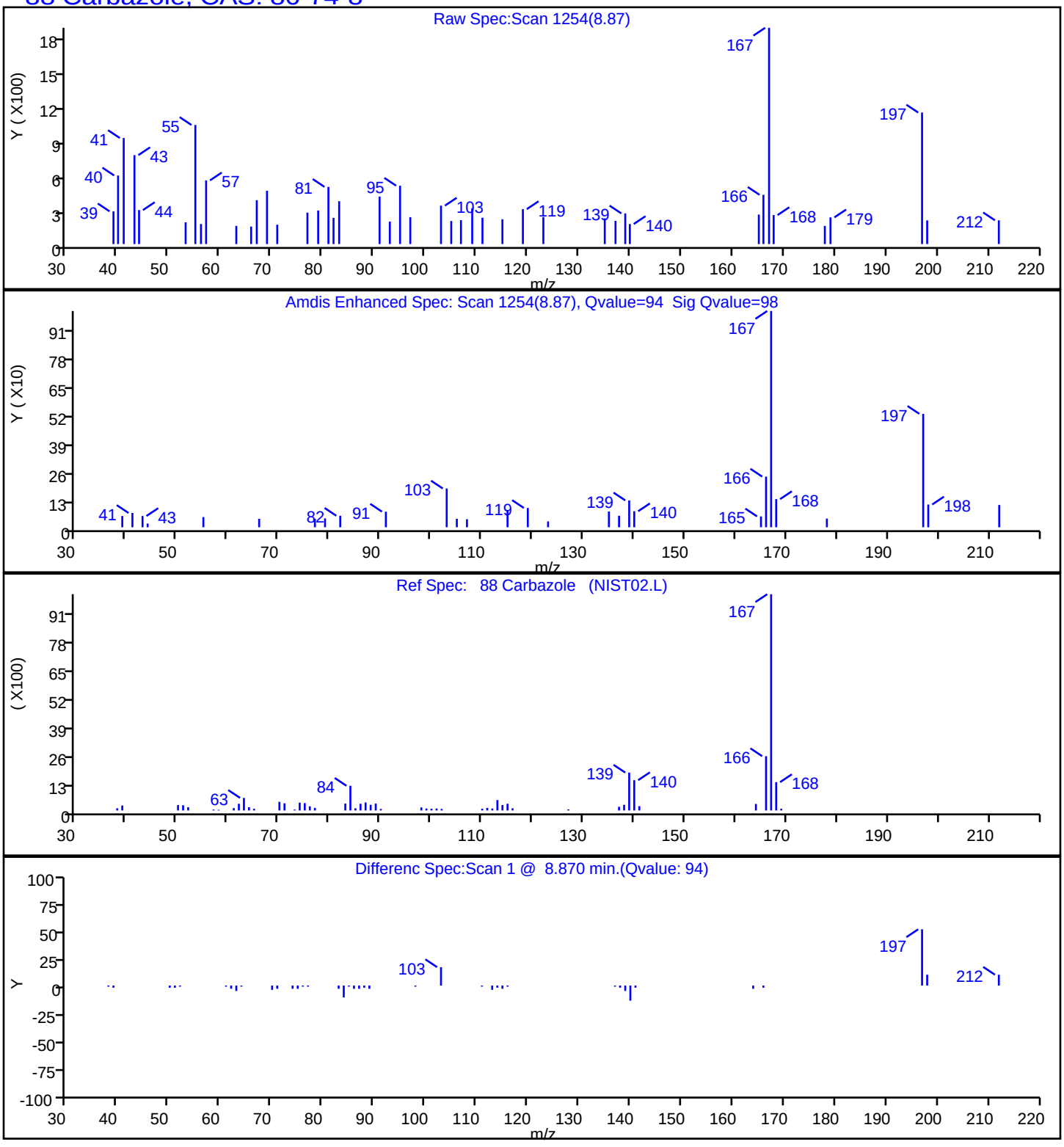
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Carbazole, CAS: 86-74-8

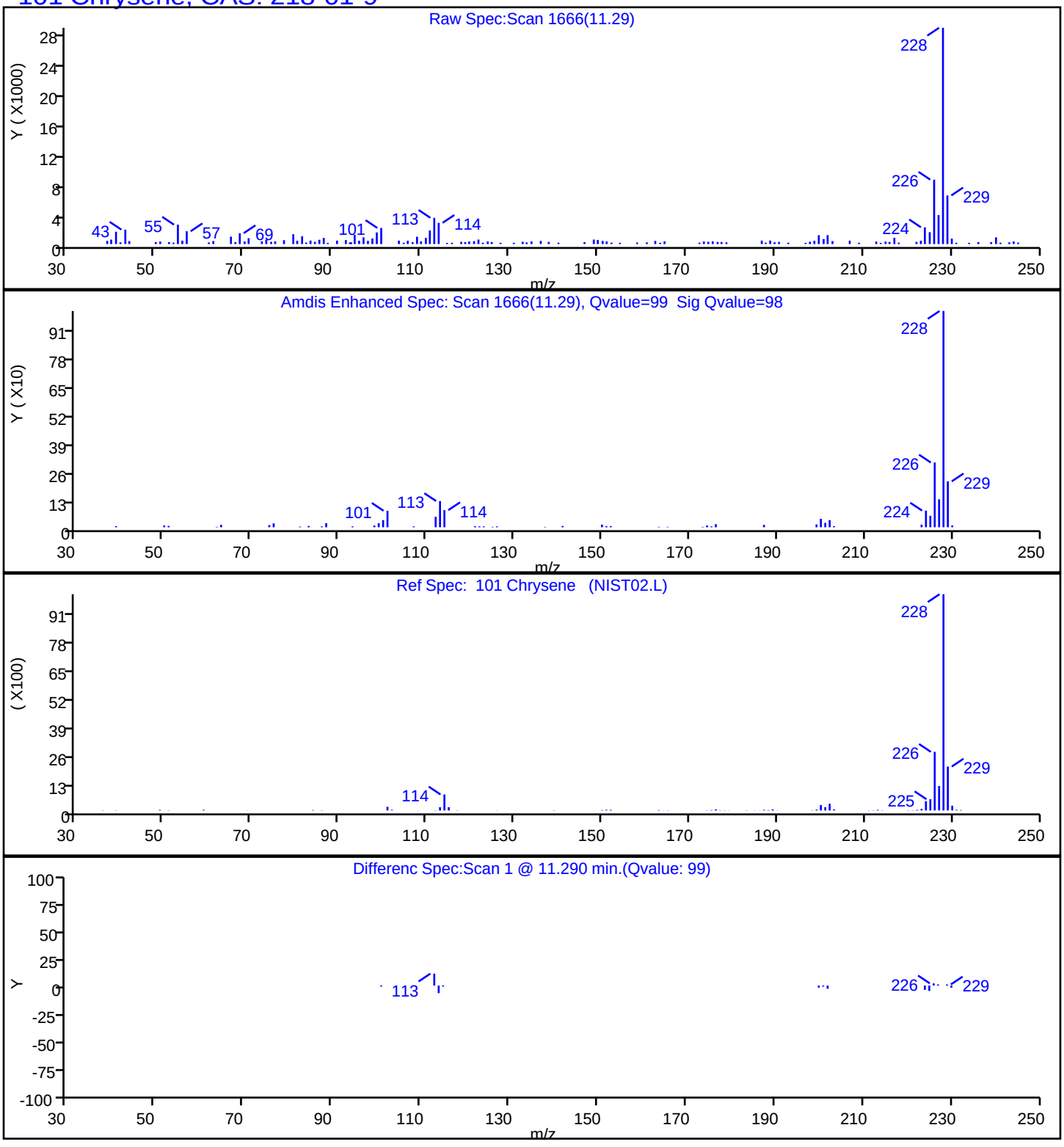


Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

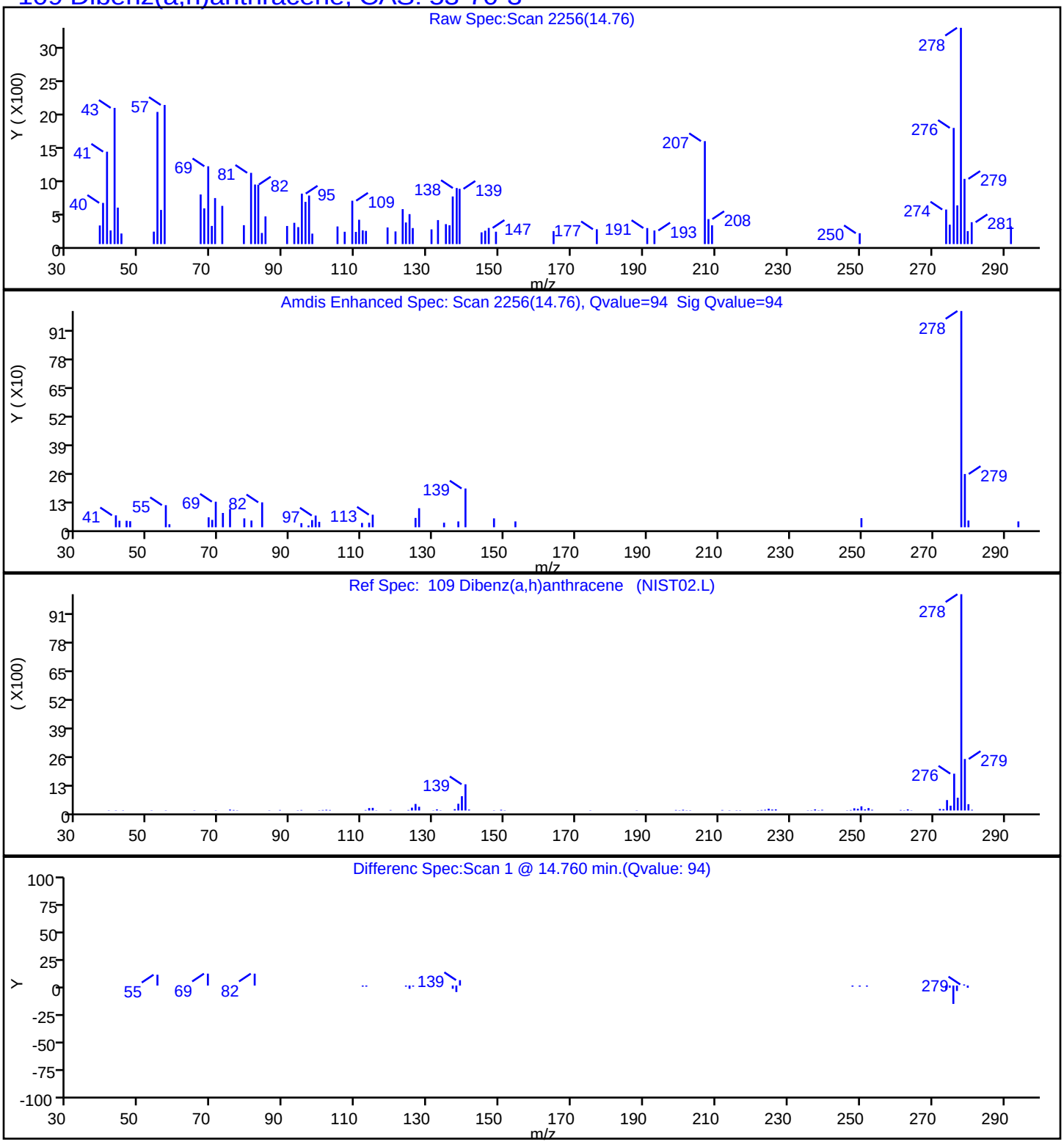


Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

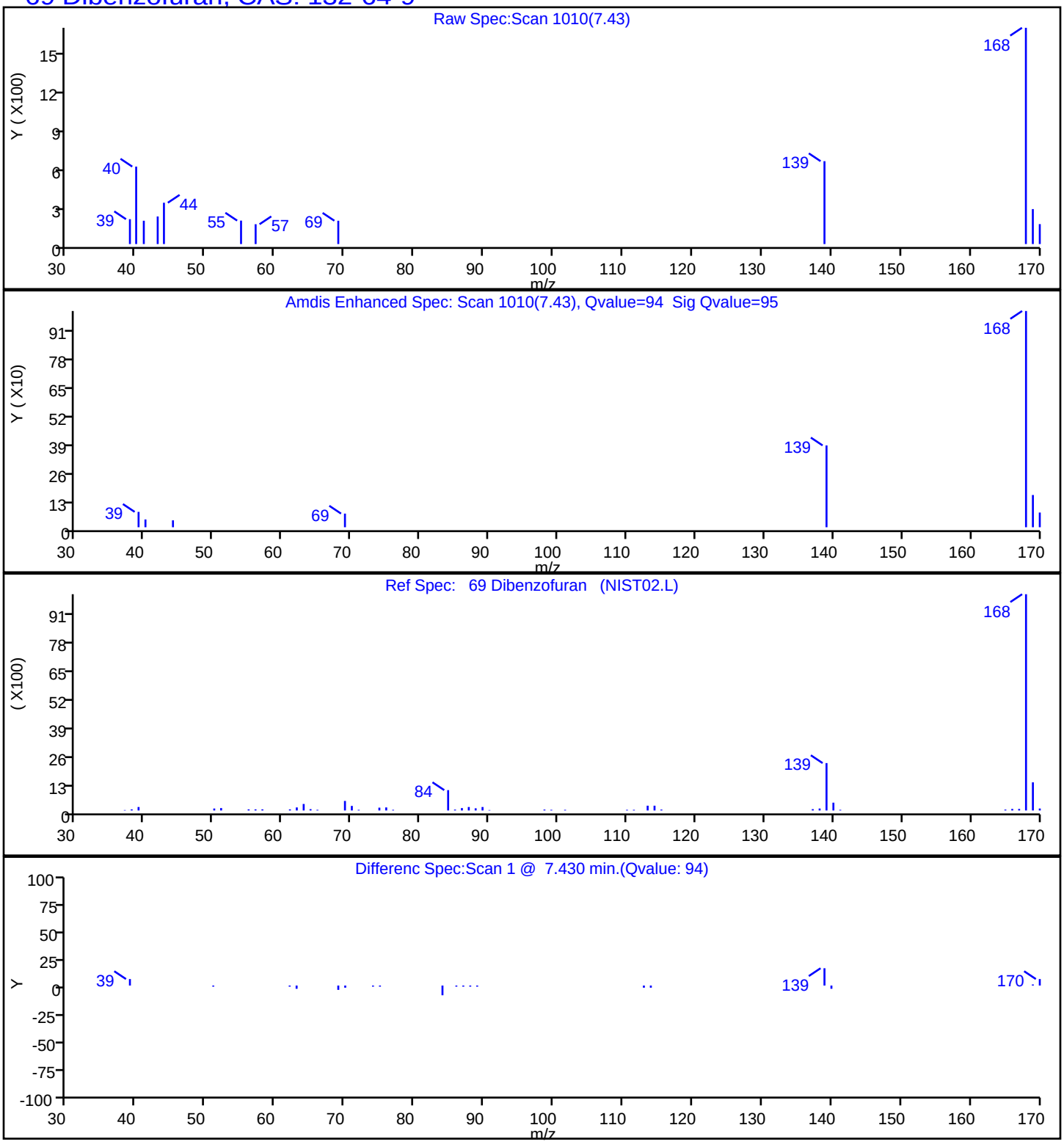
109 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 Dibenzofuran, CAS: 132-64-9

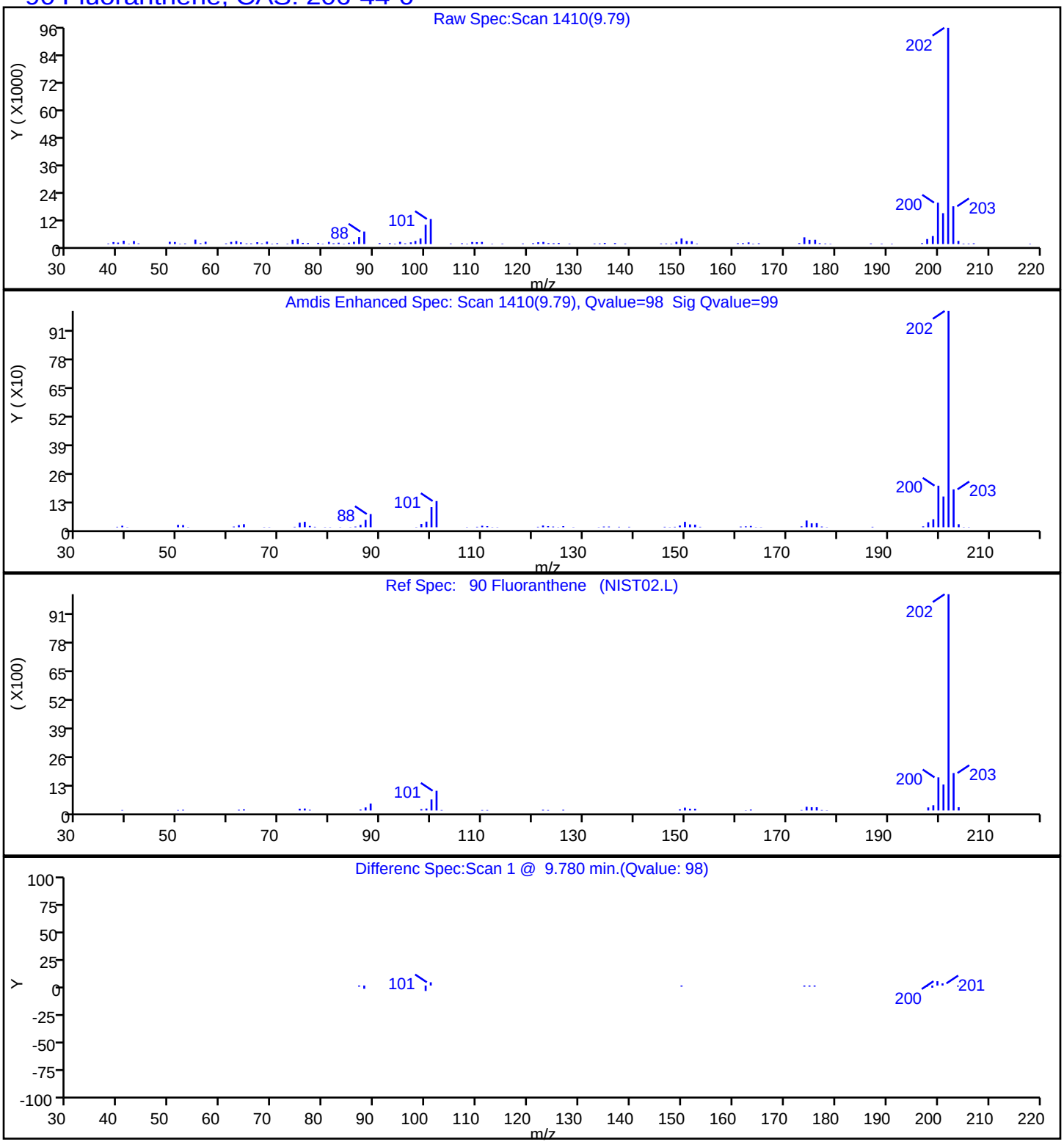


Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

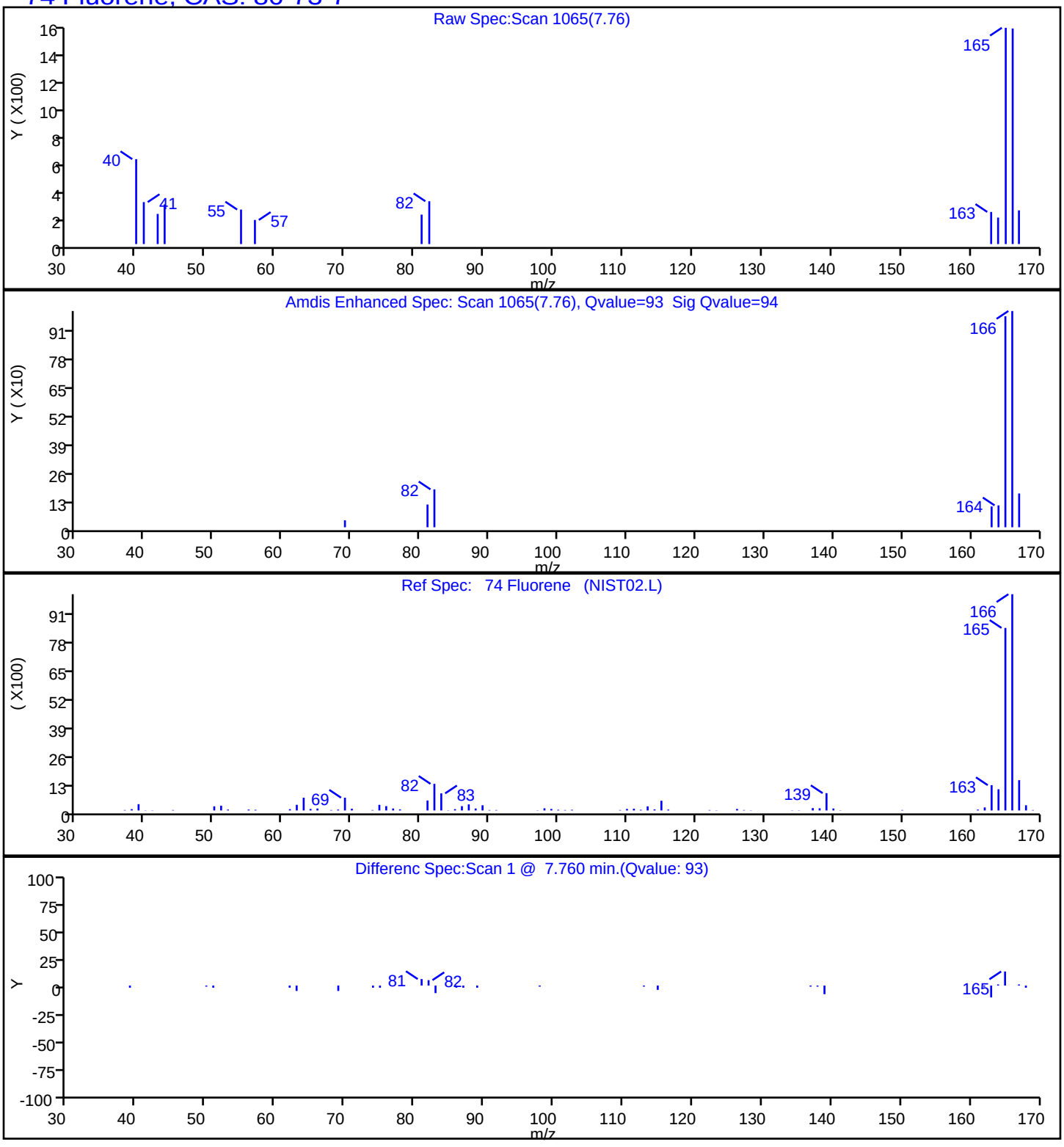
90 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

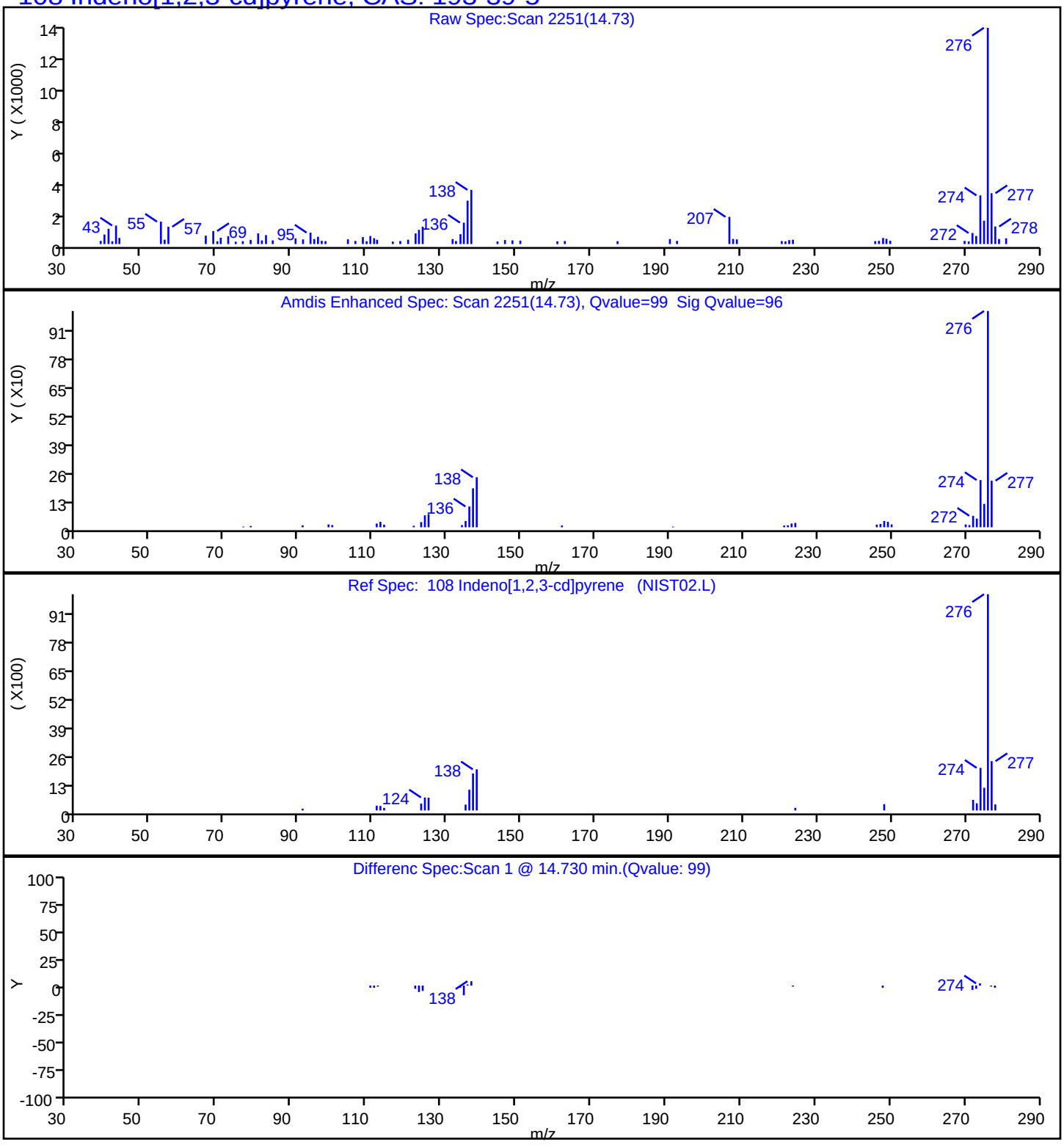
74 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

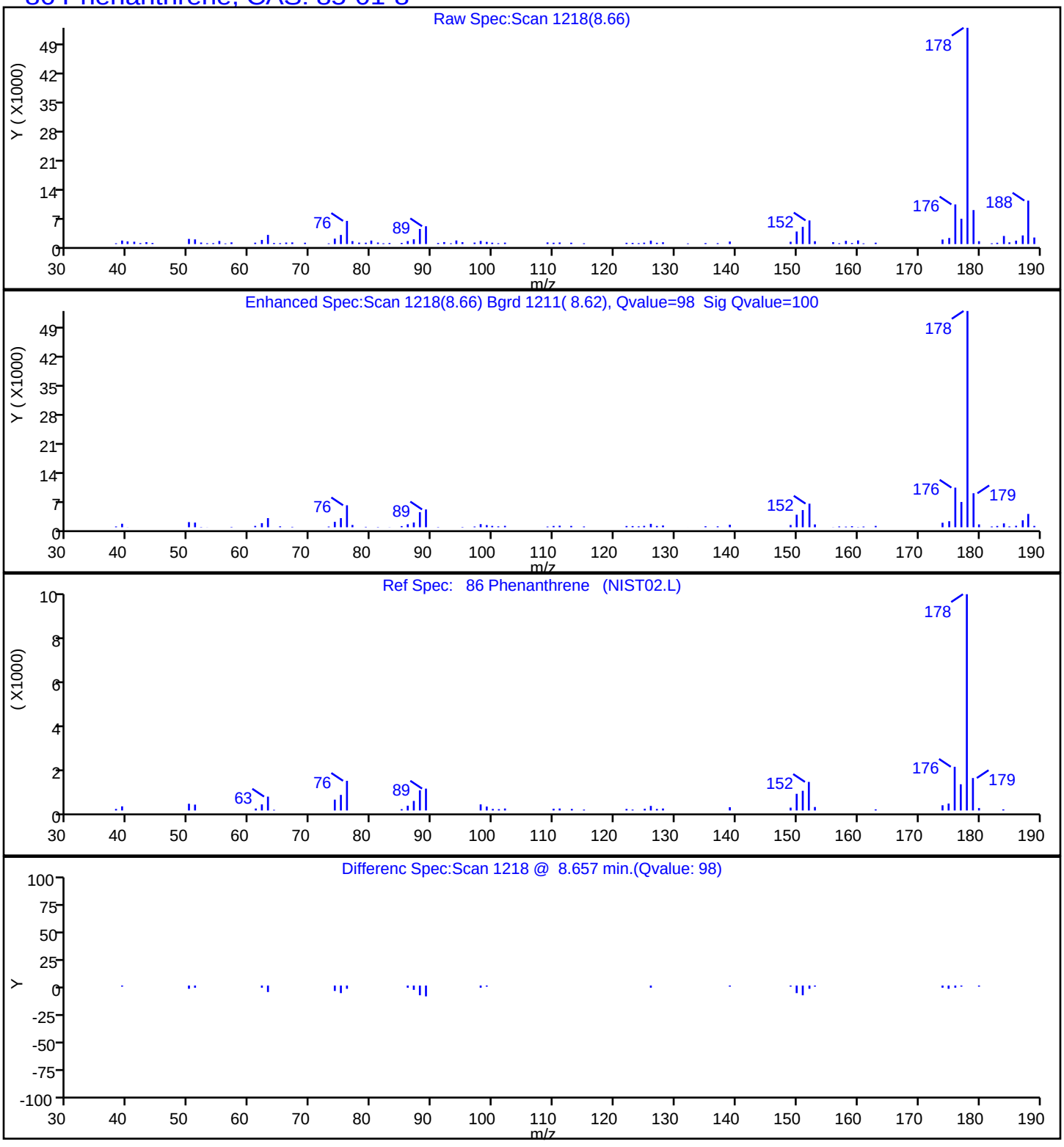
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

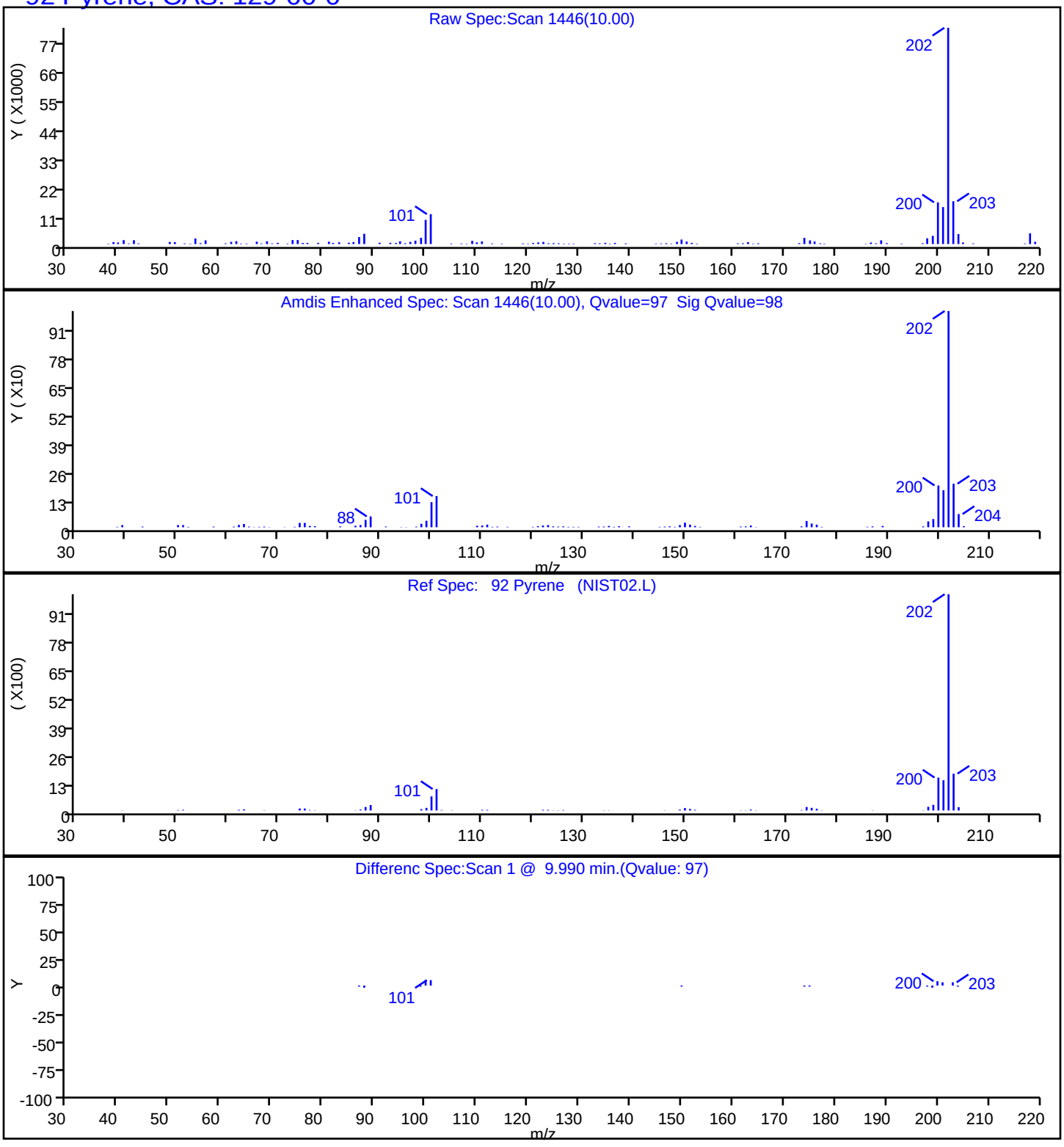
86 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

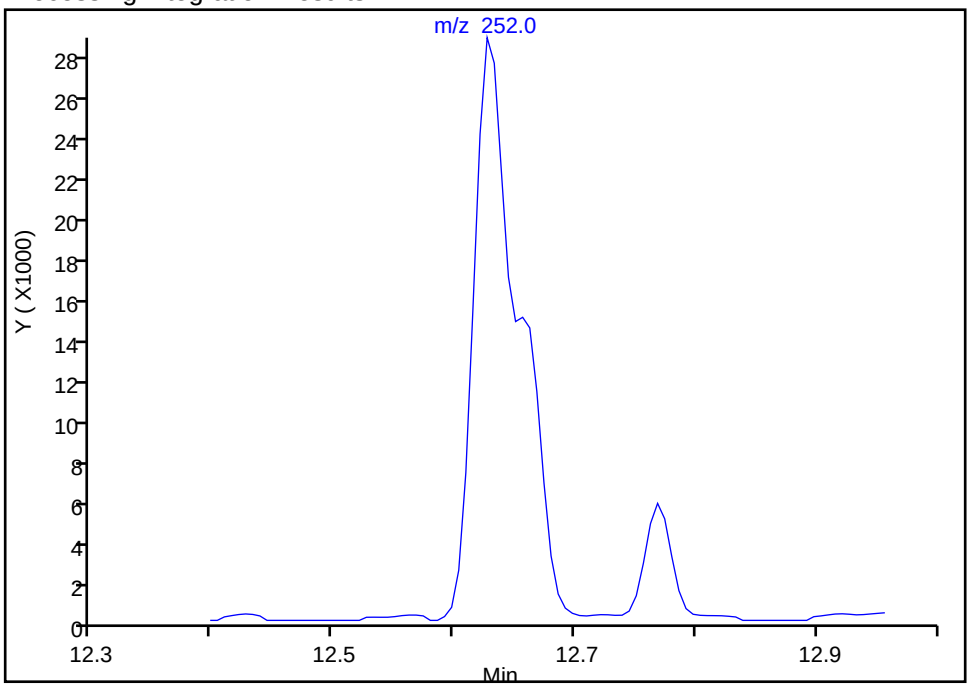
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

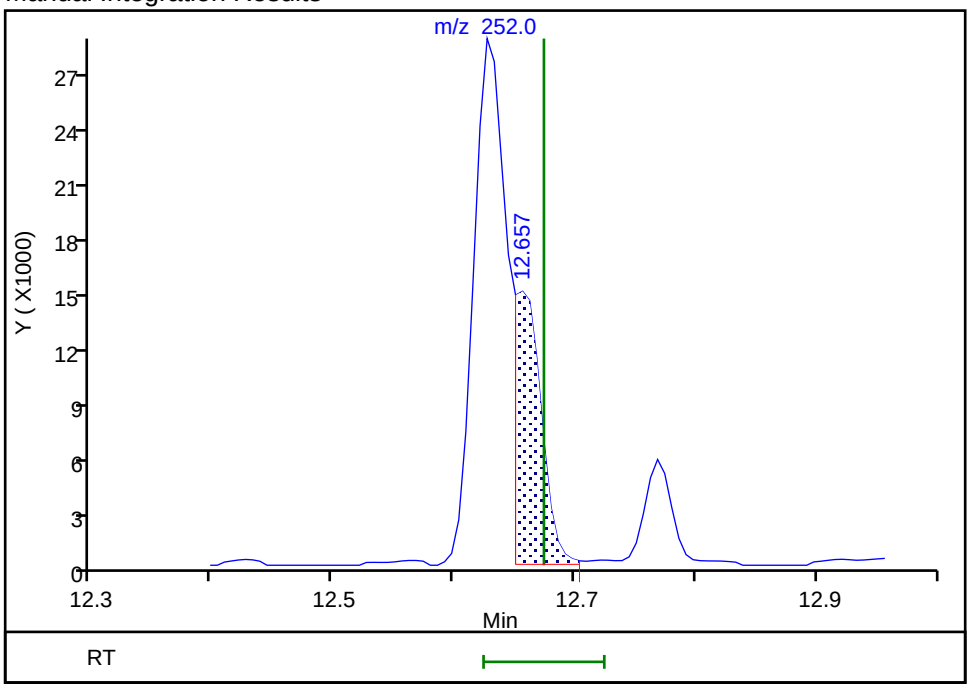
Not Detected
Expected RT: 12.67

Processing Integration Results



Manual Integration Results

RT: 12.66
Area: 23639
Amount: 3.098775
Amount Units: ug/ml



Reviewer: khlungprakhons, 28-Aug-2020 12:25:10
Audit Action: Manually Integrated Audit Reason: Assign Peak

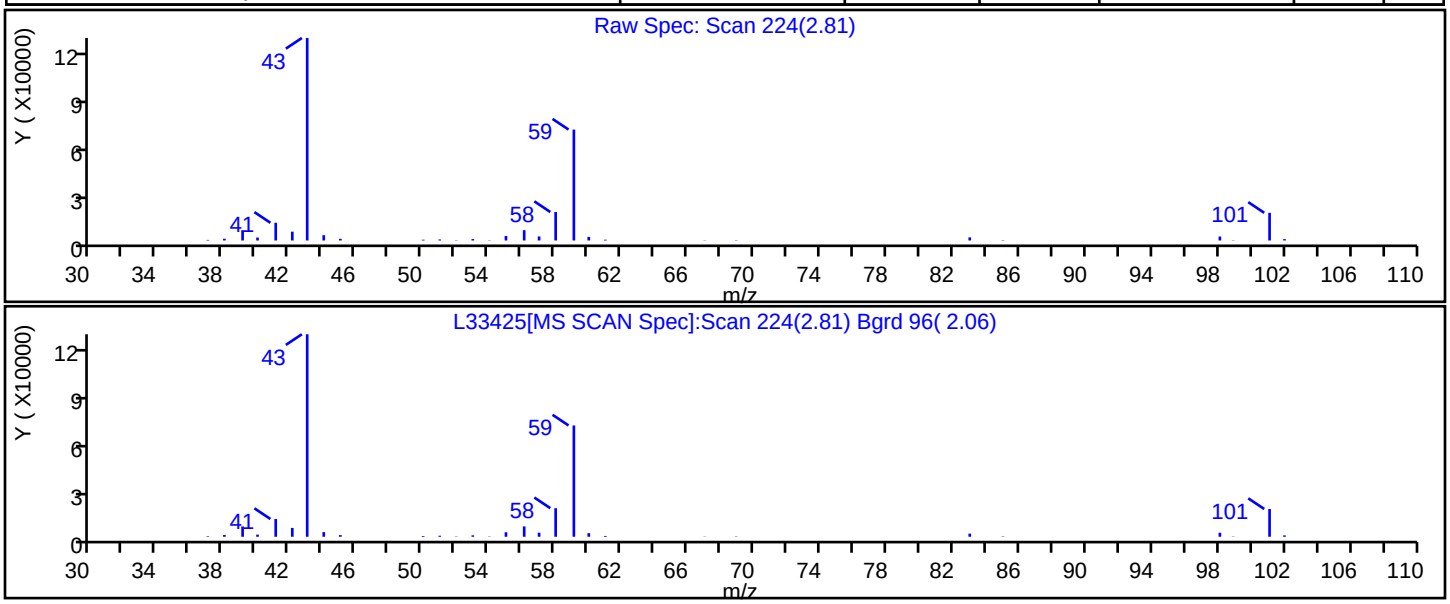
Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d

Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

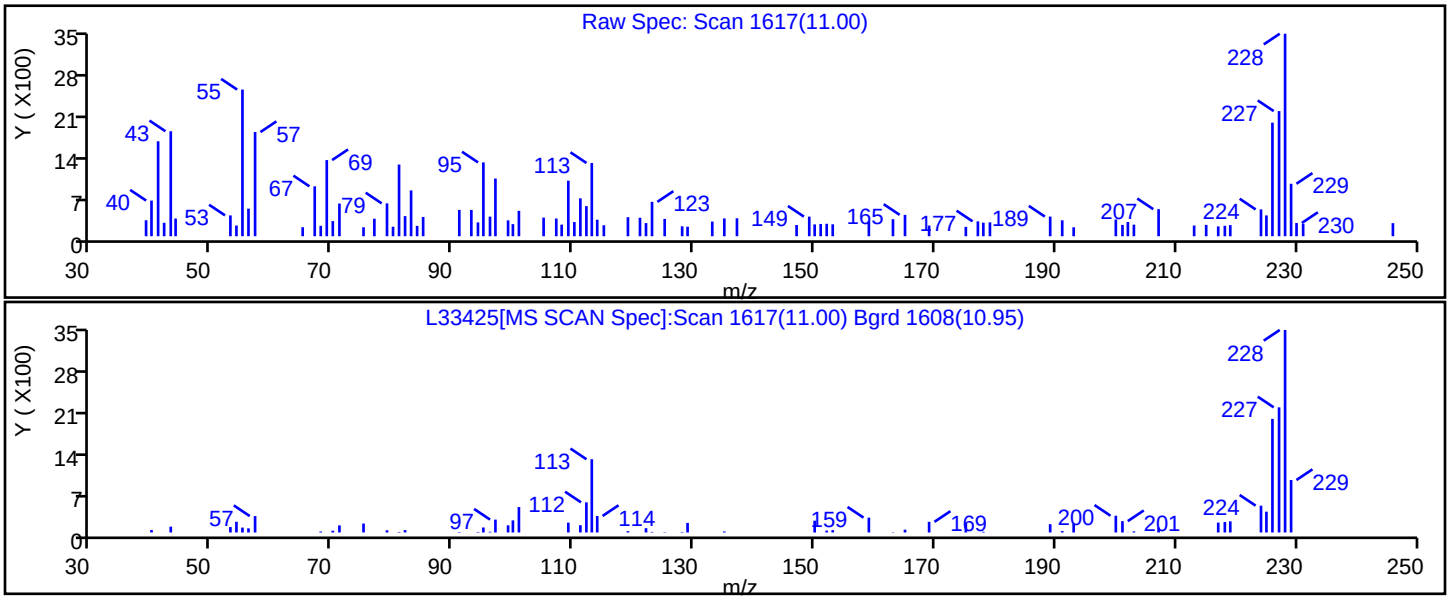


Report Date: 28-Aug-2020 09:27:51 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33425.d				
Injection Date:	27-Aug-2020 23:05:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-1-B	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: L33423.d

Analysis Method: 8270D Date Collected: 08/25/2020 09:25

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 22:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.34	0.0058
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0094	U	0.10	0.0094
108-60-1	2,2'-oxybis[1-chloropropane]	0.0062	U	0.34	0.0062
121-14-2	2,4-Dinitrotoluene	0.037	U	0.069	0.037
606-20-2	2,6-Dinitrotoluene	0.025	U	0.069	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0095	U	0.34	0.0095
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0091	U *	0.034	0.0091
205-99-2	Benzo[b]fluoranthene	0.0088	U	0.034	0.0088
191-24-2	Benzo[g,h,i]perylene	0.010	U	0.34	0.010
207-08-9	Benzo[k]fluoranthene	0.0067	U	0.034	0.0067
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.34	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0058	U	0.34	0.0058
53-70-3	Dibenz(a,h)anthracene	0.015	U *	0.034	0.015
132-64-9	Dibenzofuran	0.0048	U	0.34	0.0048
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: L33423.d

Analysis Method: 8270D Date Collected: 08/25/2020 09:25

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 22:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.077	U	0.34	0.077
84-74-2	Di-n-butyl phthalate	0.060	U	0.34	0.060
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.069	0.0072
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U *	0.034	0.013
78-59-1	Isophorone	0.098	U	0.14	0.098
91-20-3	Naphthalene	0.0059	U	0.34	0.0059
98-95-3	Nitrobenzene	0.0082	U	0.034	0.0082
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025
86-30-6	N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065
85-01-8	Phenanthrene	0.0060	U	0.34	0.0060
129-00-0	Pyrene	0.0085	U	0.34	0.0085

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	67		19-105
1718-51-0	Terphenyl-d14 (Surr)	78		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: L33423.d

Analysis Method: 8270D Date Collected: 08/25/2020 09:25

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 22:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.80	1.2	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33423.d
Lims ID: 460-216817-E-2-B
Client ID: SB-02_0-2_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 22:21:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-009
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 12:23:34 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:23:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.351	4.357	-0.006	97	102479	40.0	
$ 26 Nitrobenzene-d5	82	4.881	4.887	-0.006	96	122230	33.4	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	379478	40.0	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	235851	33.4	
* 63 Acenaphthene-d10	164	7.233	7.239	-0.006	97	182948	40.0	
* 85 Phenanthrene-d10	188	8.633	8.645	-0.012	99	338884	40.0	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	248574	39.2	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	245030	40.0	
* 107 Perylene-d12	264	13.157	13.168	-0.011	97	244453	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33423.d				
Lims ID:	460-216817-E-2-B				
Client ID:	SB-02_0-2_20200825				
Sample Type:	Client				
Inject. Date:	27-Aug-2020 22:21:30	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115878-009				
Operator ID:		Instrument ID:	CBNAMS12		
Method:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	28-Aug-2020 12:23:34	Calib Date:	29-Jul-2020 16:20:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1023				
First Level Reviewer: khlungprakhons		Date:	28-Aug-2020 12:23:34		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Aldol condensation product								
2.798	273509	17.5	13	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.351	625925	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

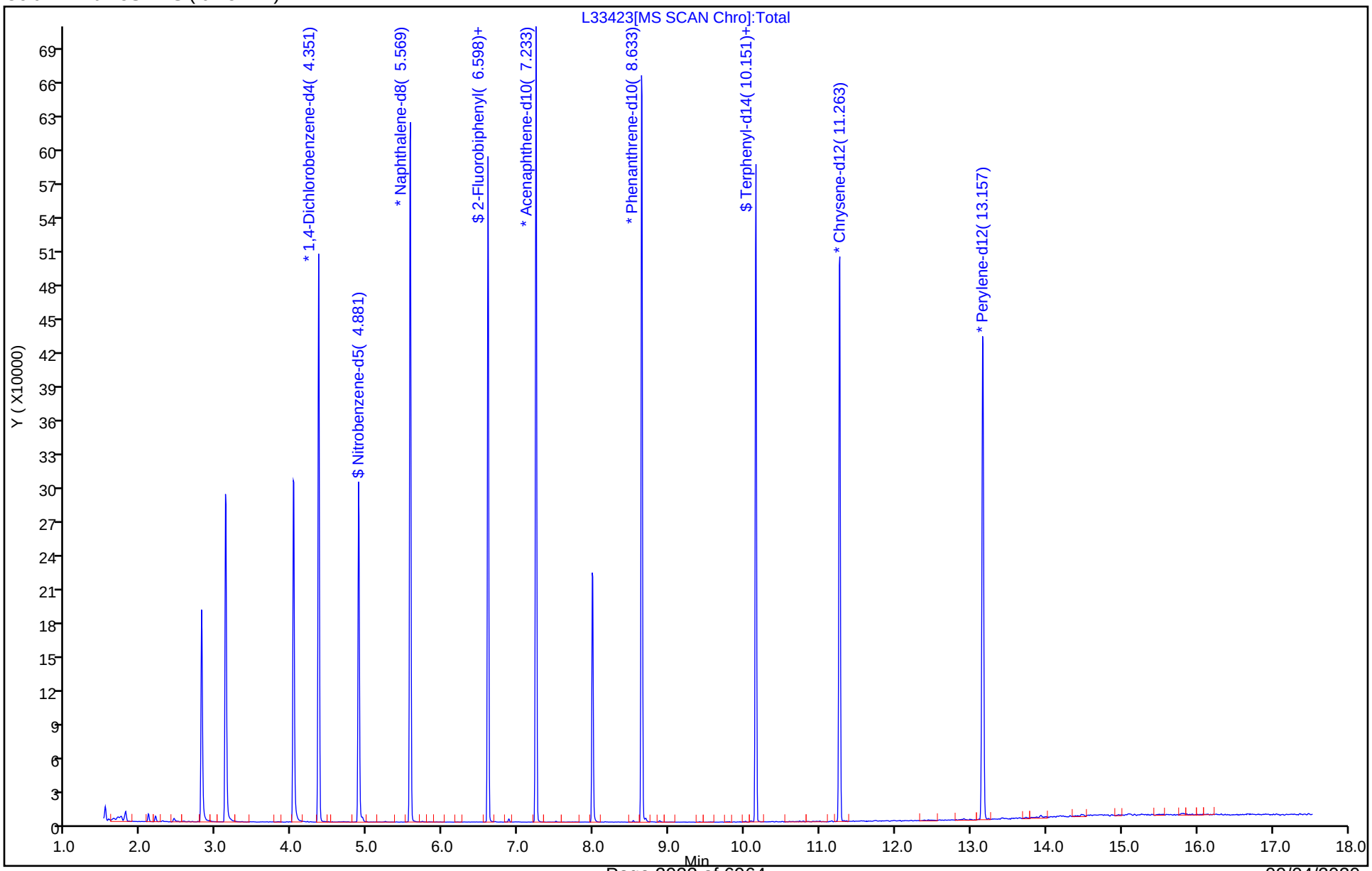
Report Date: 28-Aug-2020 12:23:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33423.d

Injection Date:	27-Aug-2020 22:21:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216817-E-2-B	Lab Sample ID:	460-216817-2	Worklist Smp#:	9
Client ID:	SB-02_0-2_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



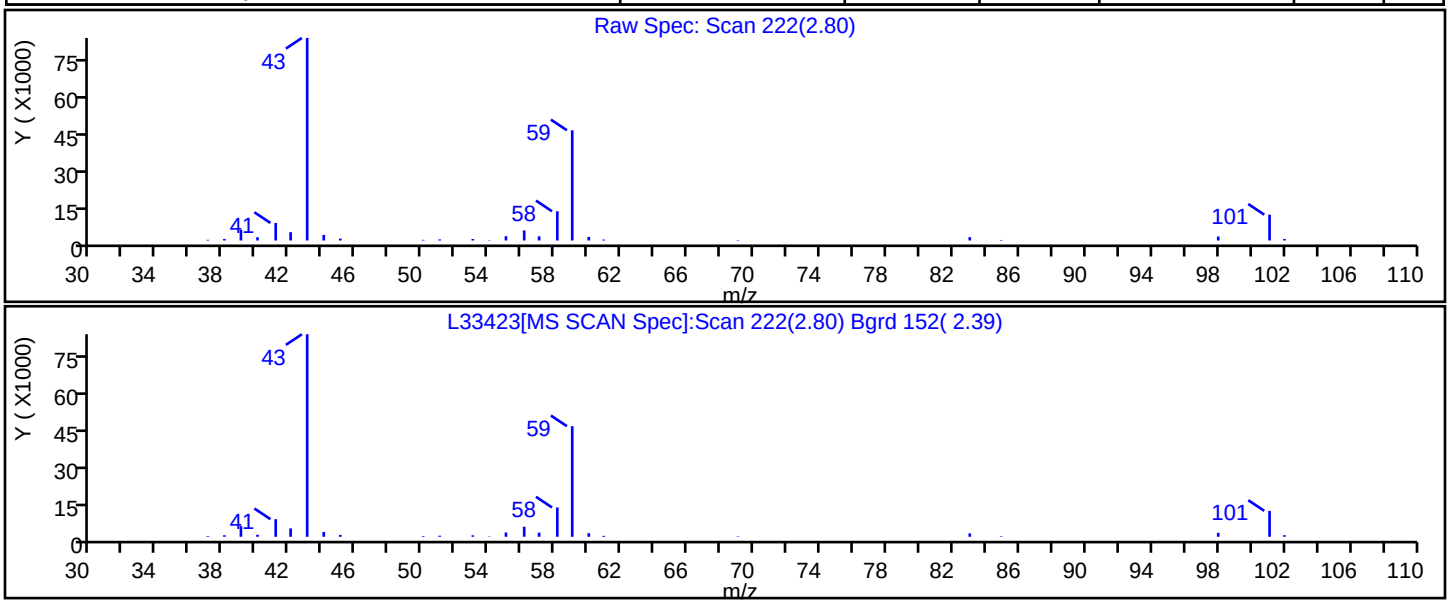
Report Date: 28-Aug-2020 12:23:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33423.d

Injection Date:	27-Aug-2020 22:21:30	Instrument ID:	CBNAMS12
Lims ID:	460-216817-E-2-B	Lab Sample ID:	460-216817-2
Client ID:	SB-02_0-2_20200825		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: L33435.d

Analysis Method: 8270D Date Collected: 08/25/2020 10:00

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 02:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0099	U	0.039	0.0099
95-50-1	1,2-Dichlorobenzene	0.0066	U	0.39	0.0066
541-73-1	1,3-Dichlorobenzene	0.0051	U	0.39	0.0051
106-46-7	1,4-Dichlorobenzene	0.015	U	0.39	0.015
123-91-1	1,4-Dioxane	0.011	U	0.12	0.011
108-60-1	2,2'-oxybis[1-chloropropane]	0.0070	U	0.39	0.0070
121-14-2	2,4-Dinitrotoluene	0.042	U	0.078	0.042
606-20-2	2,6-Dinitrotoluene	0.028	U	0.078	0.028
91-58-7	2-Chloronaphthalene	0.018	U	0.39	0.018
91-57-6	2-Methylnaphthalene	0.011	U	0.39	0.011
88-74-4	2-Nitroaniline	0.014	U	0.39	0.014
91-94-1	3,3'-Dichlorobenzidine	0.058	U	0.16	0.058
99-09-2	3-Nitroaniline	0.043	U	0.39	0.043
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.39	0.015
106-47-8	4-Chloroaniline	0.027	U	0.39	0.027
7005-72-3	4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014
100-01-6	4-Nitroaniline	0.044	U	0.39	0.044
83-32-9	Acenaphthene	0.028	U	0.39	0.028
208-96-8	Acenaphthylene	0.0040	U	0.39	0.0040
120-12-7	Anthracene	0.051	J	0.39	0.012
56-55-3	Benzo[a]anthracene	0.26		0.039	0.013
50-32-8	Benzo[a]pyrene	0.32	*	0.039	0.010
205-99-2	Benzo[b]fluoranthene	0.48		0.039	0.010
191-24-2	Benzo[g,h,i]perylene	0.16	J	0.39	0.011
207-08-9	Benzo[k]fluoranthene	0.17		0.039	0.0076
111-91-1	Bis(2-chloroethoxy)methane	0.030	U	0.39	0.030
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.039	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.11	J	0.39	0.020
85-68-7	Butyl benzyl phthalate	0.018	U	0.39	0.018
86-74-8	Carbazole	0.027	J	0.39	0.015
218-01-9	Chrysene	0.30	J	0.39	0.0065
53-70-3	Dibenz(a,h)anthracene	0.050	*	0.039	0.017
132-64-9	Dibenzofuran	0.0054	U	0.39	0.0054
84-66-2	Diethyl phthalate	0.0056	U	0.39	0.0056

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: L33435.d

Analysis Method: 8270D Date Collected: 08/25/2020 10:00

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 02:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.088	U	0.39	0.088
84-74-2	Di-n-butyl phthalate	0.068	U	0.39	0.068
117-84-0	Di-n-octyl phthalate	0.020	U	0.39	0.020
206-44-0	Fluoranthene	0.62		0.39	0.013
86-73-7	Fluorene	0.0052	U	0.39	0.0052
118-74-1	Hexachlorobenzene	0.018	U	0.039	0.018
87-68-3	Hexachlorobutadiene	0.0082	U	0.078	0.0082
77-47-4	Hexachlorocyclopentadiene	0.034	U	0.39	0.034
67-72-1	Hexachloroethane	0.013	U	0.039	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.18	*	0.039	0.015
78-59-1	Isophorone	0.11	U	0.16	0.11
91-20-3	Naphthalene	0.0067	U	0.39	0.0067
98-95-3	Nitrobenzene	0.0093	U	0.039	0.0093
621-64-7	N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028
86-30-6	N-Nitrosodiphenylamine	0.0074	U	0.39	0.0074
85-01-8	Phenanthrene	0.26	J	0.39	0.0068
129-00-0	Pyrene	0.49		0.39	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	57		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	56		19-105
1718-51-0	Terphenyl-d14 (Surr)	58		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: L33435.d

Analysis Method: 8270D Date Collected: 08/25/2020 10:00

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 02:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 3 TIC Result Total: 3.14

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.82	1.7	A J	
	Unknown	12.53	0.34	J	
	Unknown	13.94	1.1	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d
Lims ID: 460-216817-E-3-B
Client ID: SB-01_1-3_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 02:48:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-021
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:23:12 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 14:11:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	97	109189	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	96	100961	27.8	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	376996	40.0	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	192171	28.6	
* 63 Acenaphthene-d10	164	7.239	7.239	0.000	97	174472	40.0	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	301993	40.0	
86 Phenanthrene	178	8.663	8.669	-0.006	96	28881	3.32	
87 Anthracene	178	8.710	8.716	-0.006	96	5926	0.6583	
88 Carbazole	167	8.869	8.875	-0.006	95	2970	0.3487	
90 Fluoranthene	202	9.786	9.792	-0.006	98	79090	7.95	
92 Pyrene	202	9.998	10.004	-0.006	97	65252	6.33	
$ 94 Terphenyl-d14	244	10.157	10.157	0.000	98	194019	28.9	
99 Benzo[a]anthracene	228	11.257	11.257	0.000	99	30487	3.30	
* 100 Chrysene-d12	240	11.268	11.274	-0.006	99	259734	40.0	
101 Chrysene	228	11.292	11.304	-0.012	99	33878	3.85	
102 Bis(2-ethylhexyl) phthalate	149	11.310	11.310	0.000	86	9360	1.45	
104 Benzo[b]fluoranthene	252	12.639	12.639	0.000	98	53293	6.21	
105 Benzo[k]fluoranthene	252	12.657	12.674	-0.017	1	19613	2.14	M
106 Benzo[a]pyrene	252	13.086	13.092	-0.006	97	31039	4.06	
* 107 Perylene-d12	264	13.174	13.168	0.006	98	293629	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.739	14.751	-0.012	99	18569	2.31	
109 Dibenz(a,h)anthracene	278	14.774	14.786	-0.012	91	5083	0.6446	
110 Benzo[g,h,i]perylene	276	15.180	15.192	-0.012	98	18038	2.04	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Lims ID:	460-216817-E-3-B				
Client ID:	SB-01_1-3_20200825				
Sample Type:	Client				
Inject. Date:	28-Aug-2020 02:48:30	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115878-021				
Operator ID:		Instrument ID:	CBNAMS12		
Method:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	28-Aug-2020 09:23:12	Calib Date:	29-Jul-2020 16:20:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1059				
First Level Reviewer: khlungprakhons		Date:	28-Aug-2020 14:11:55		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.816	353684	21.3	13	0	0		0	
		Unknown						
12.527	100227	4.35	107					
		Unknown						
13.939	316450	13.7	107					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.357	665456	40.0
* 107 Perylene-d12	13.174	922612	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

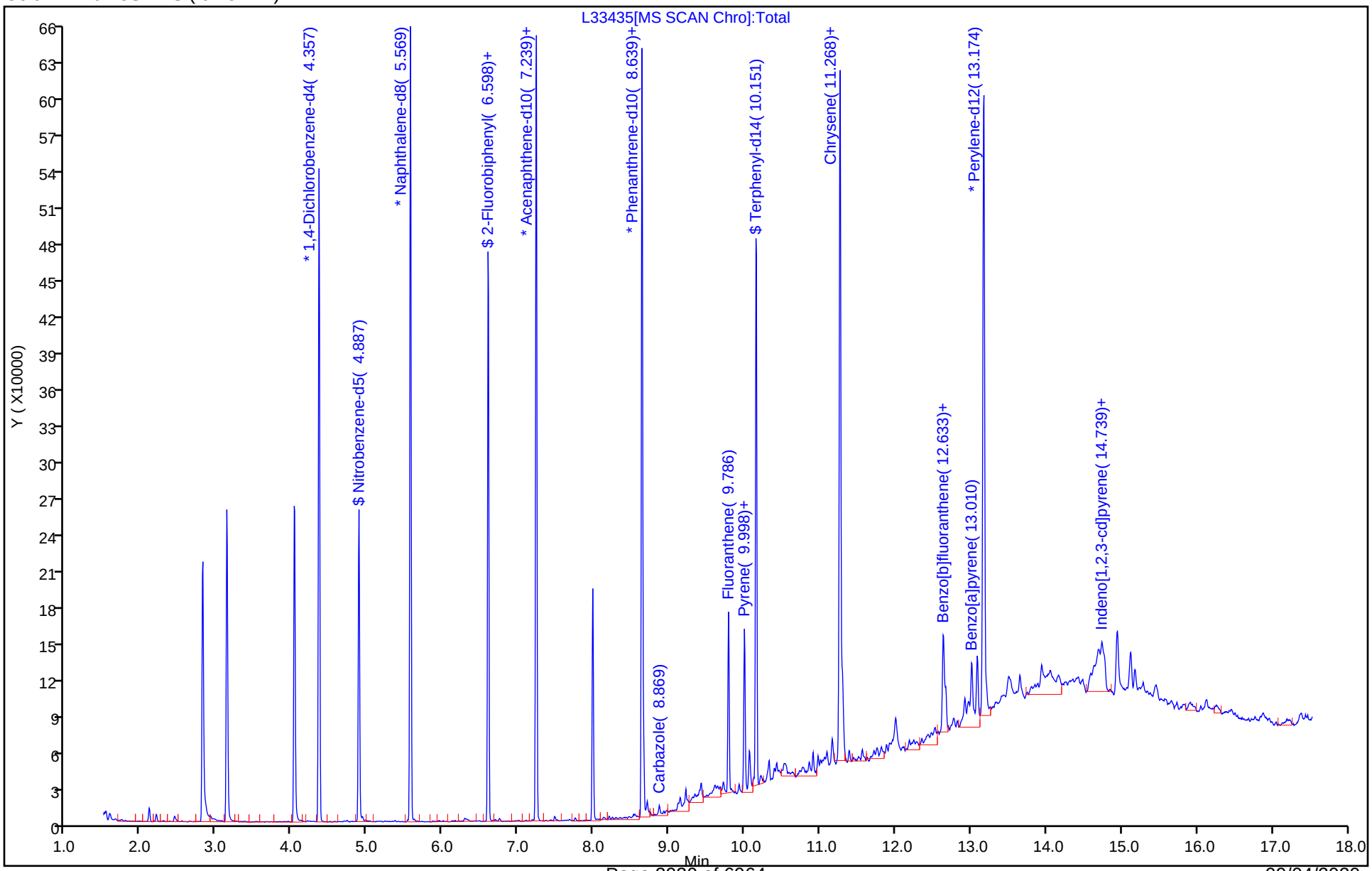
Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d

Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3	Worklist Smp#:	21
Client ID:	SB-01_1-3_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
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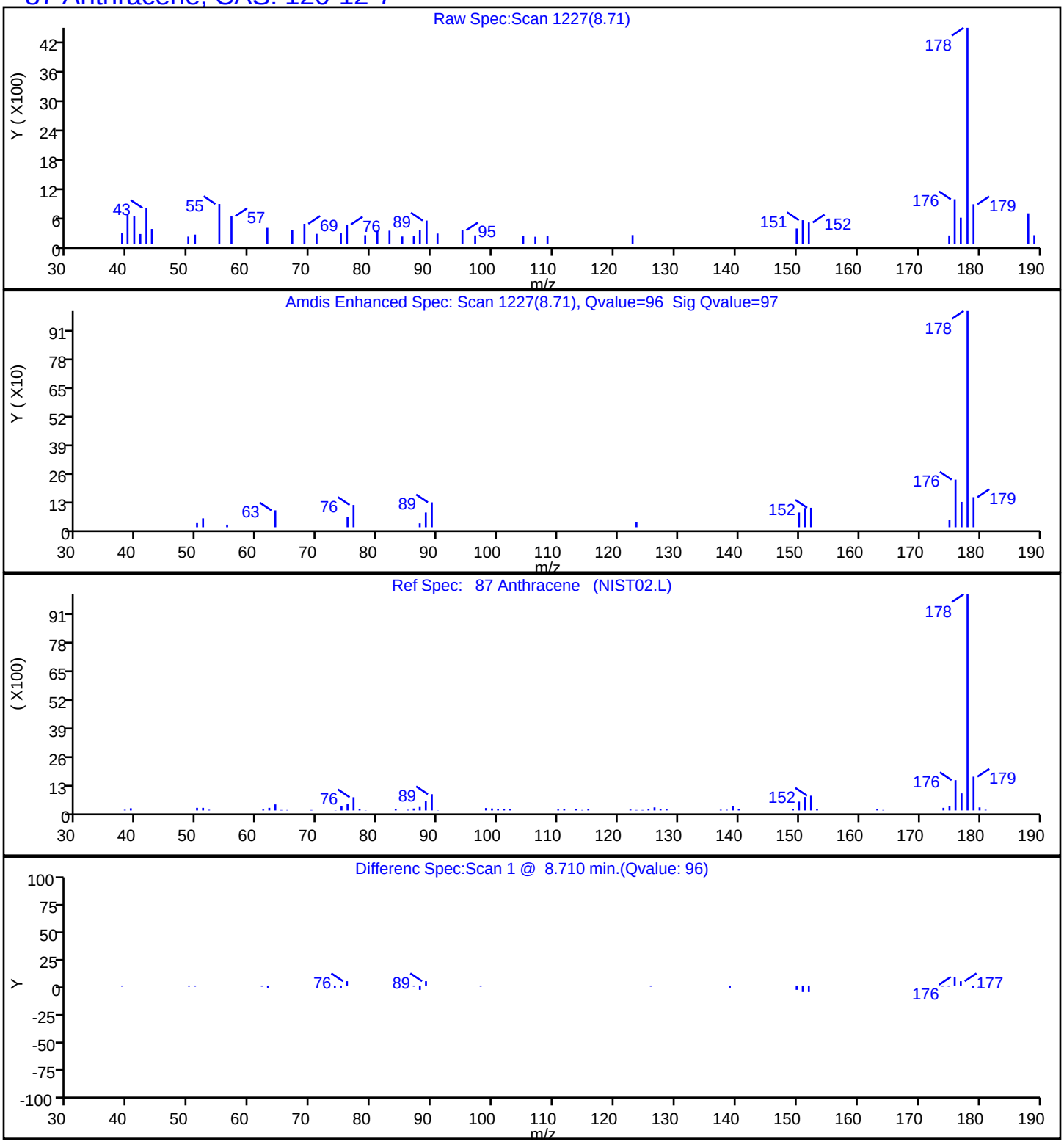
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

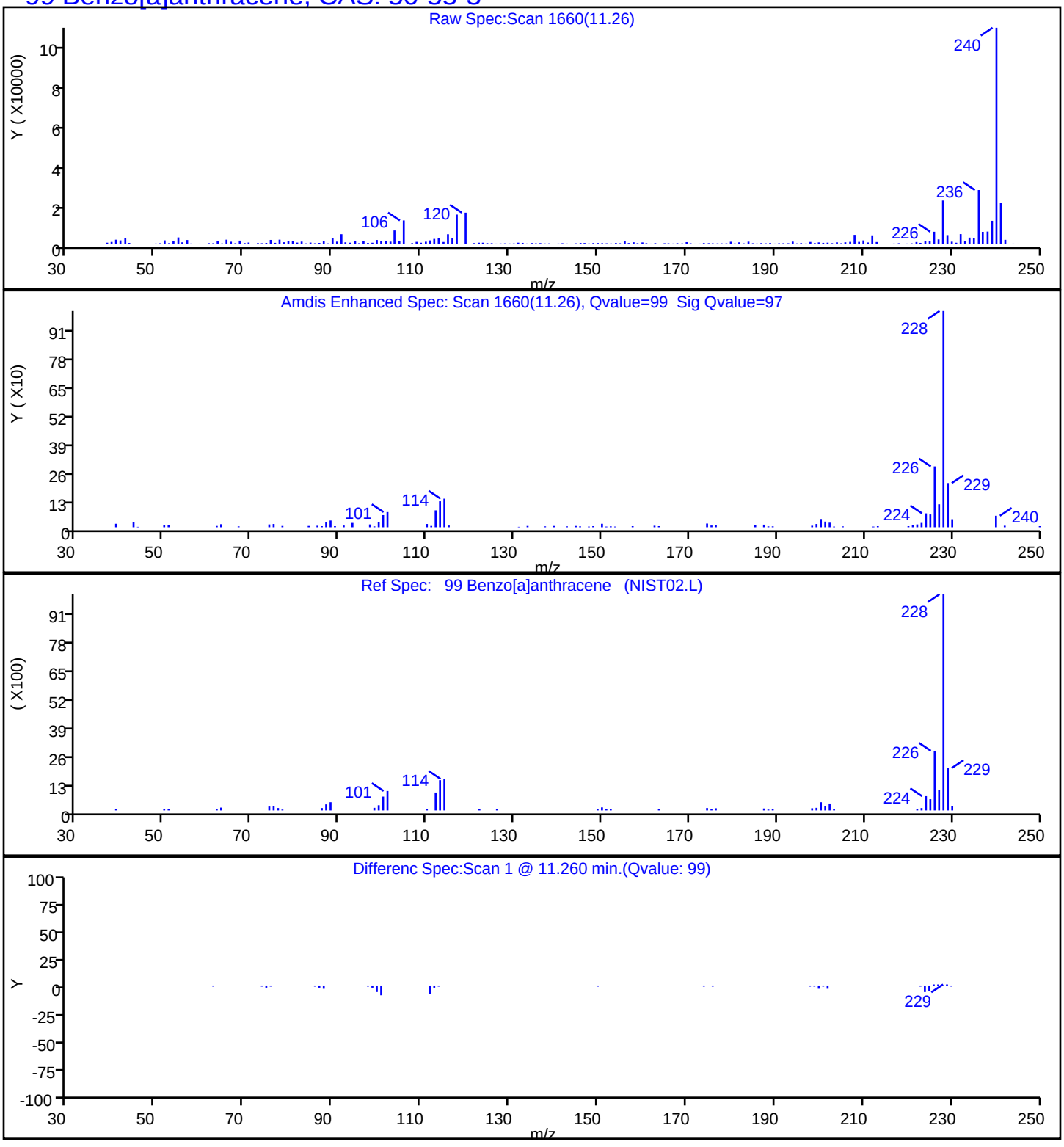
87 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

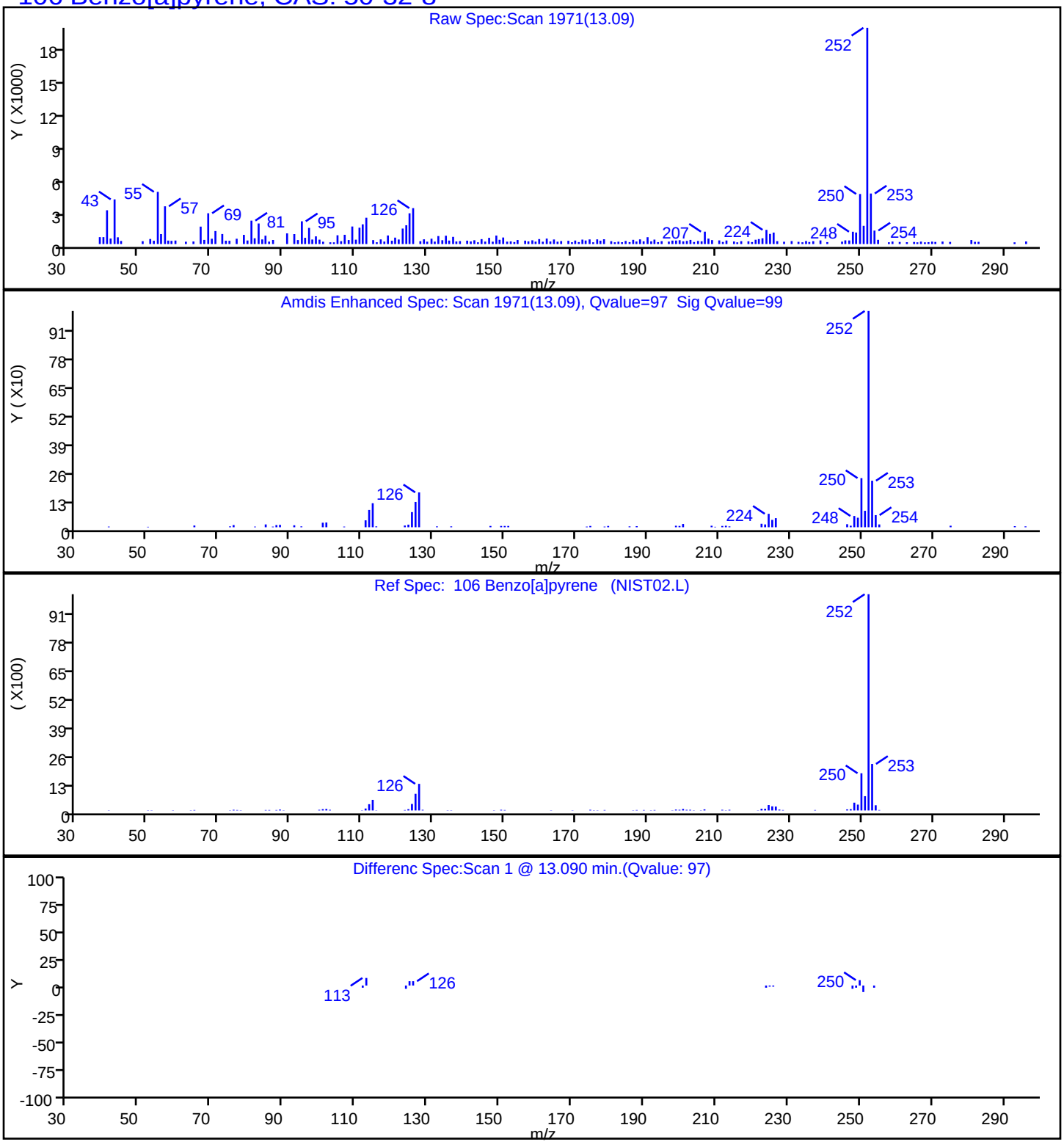
99 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

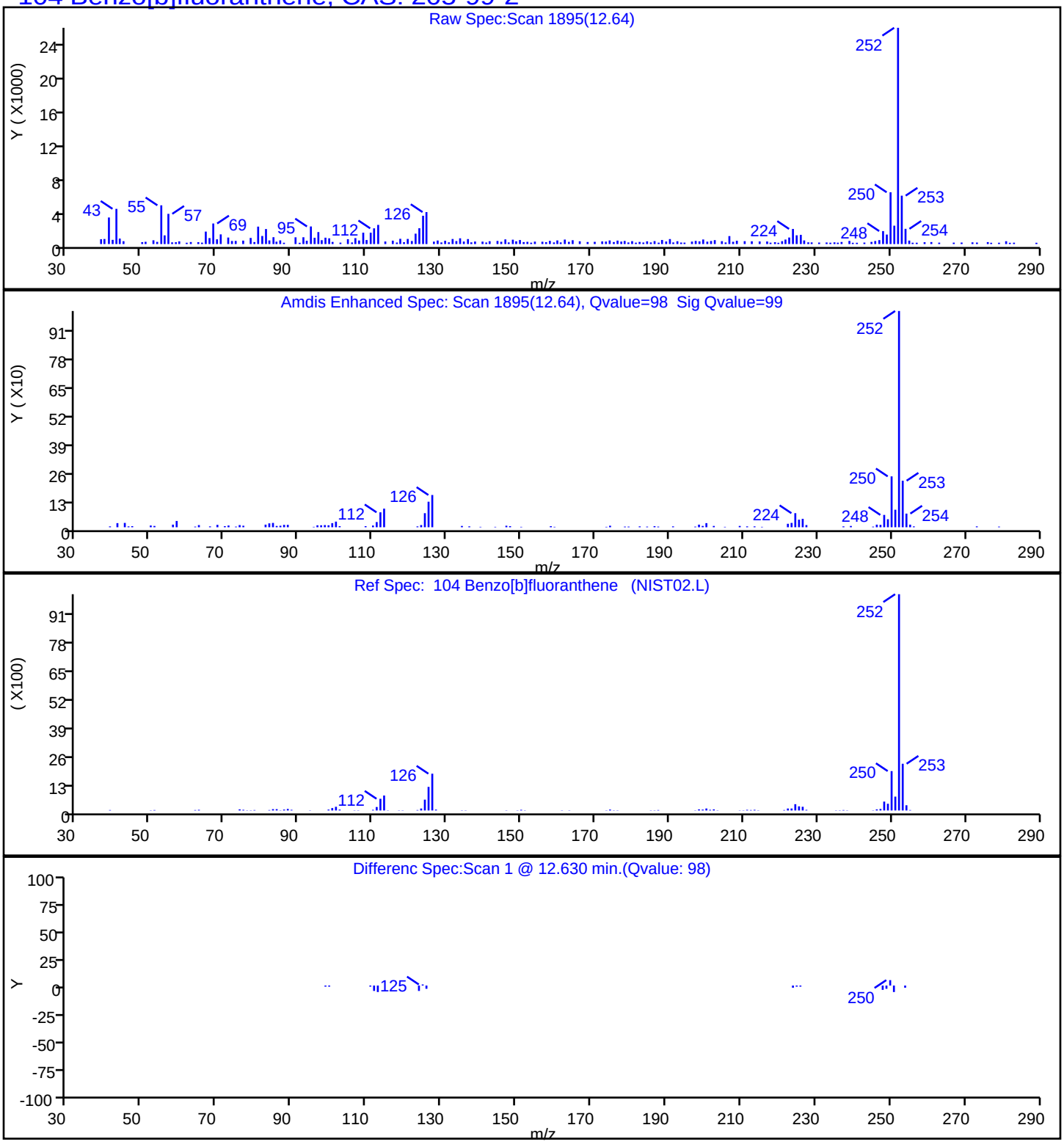
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

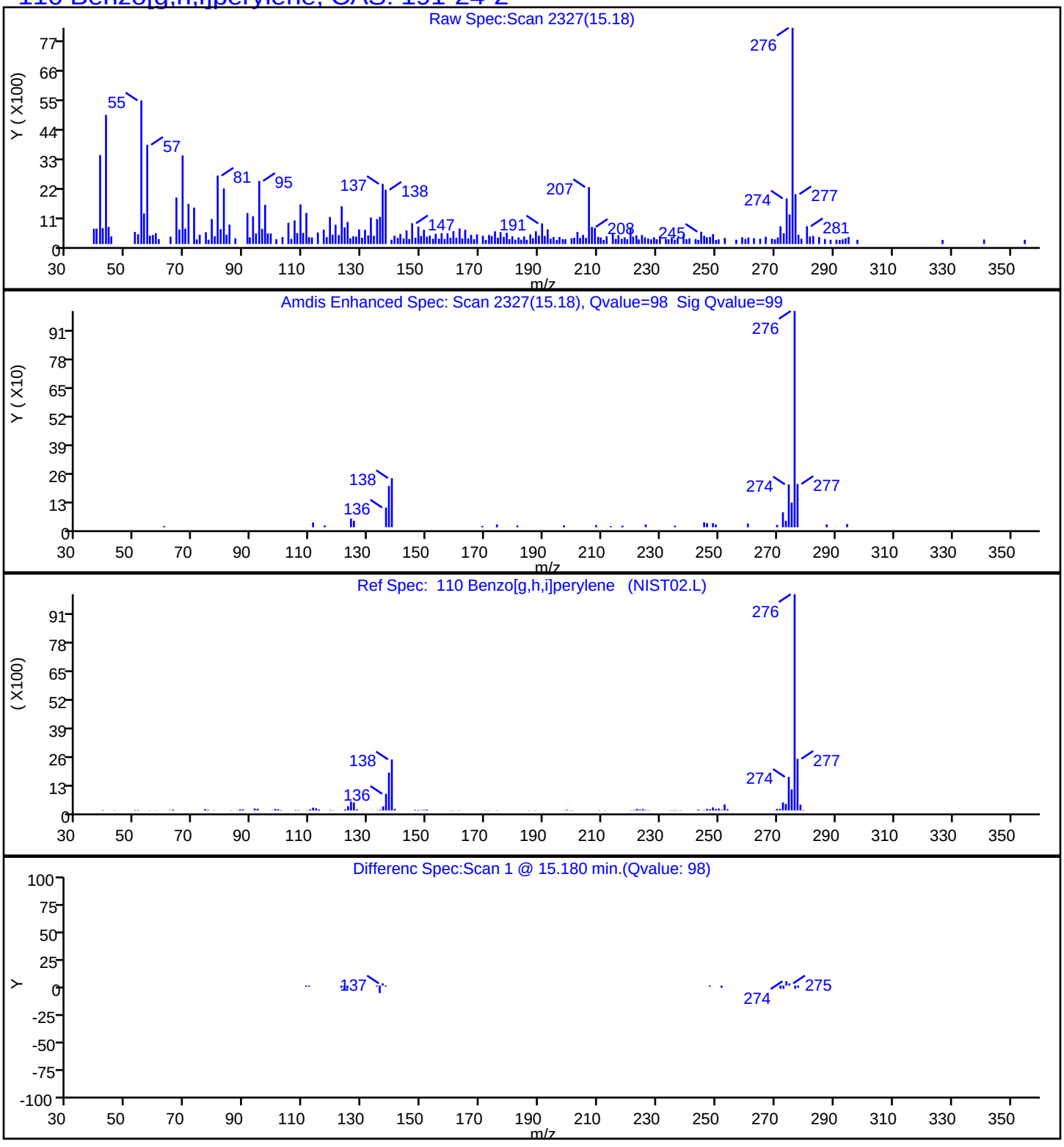
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

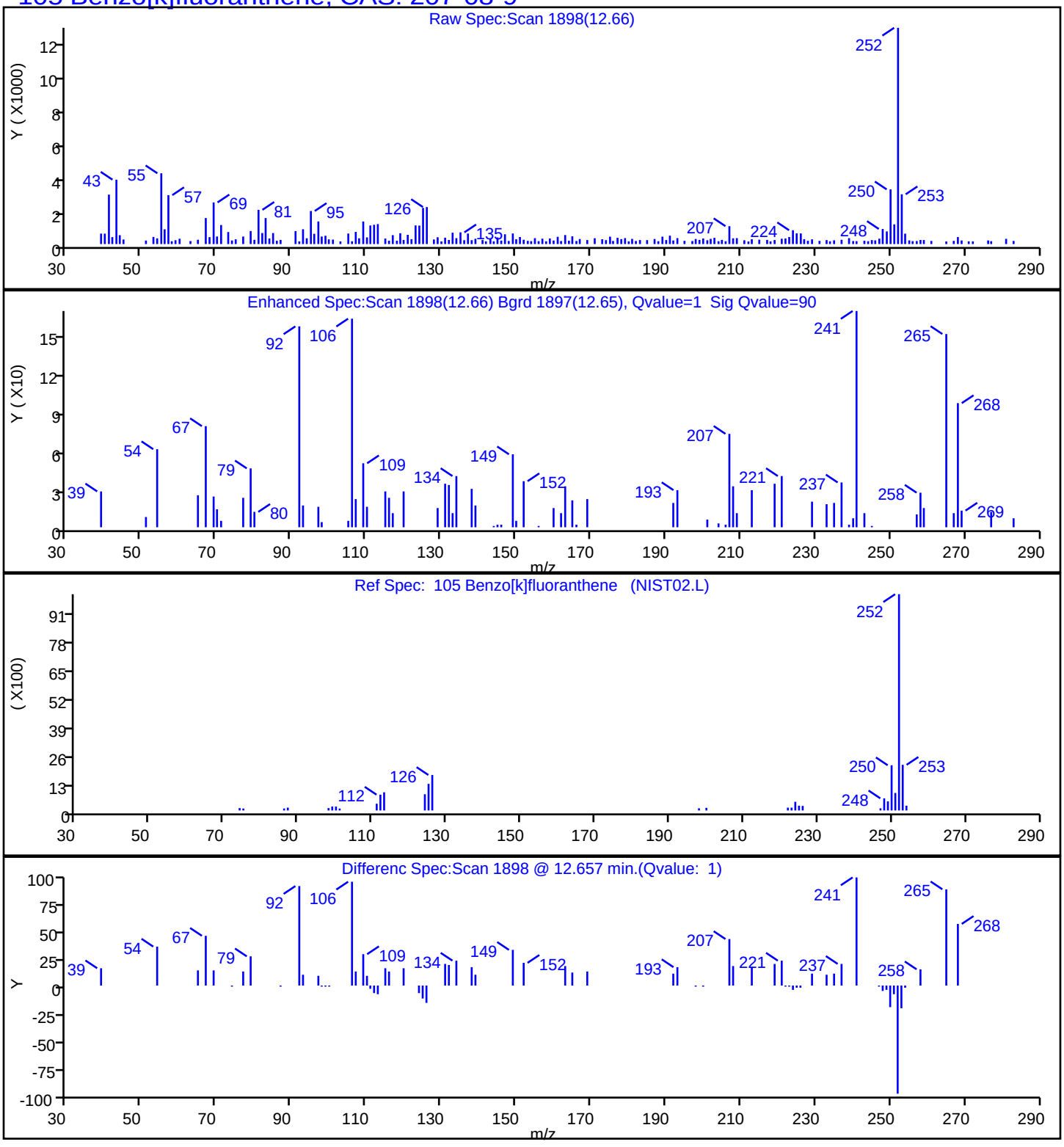
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

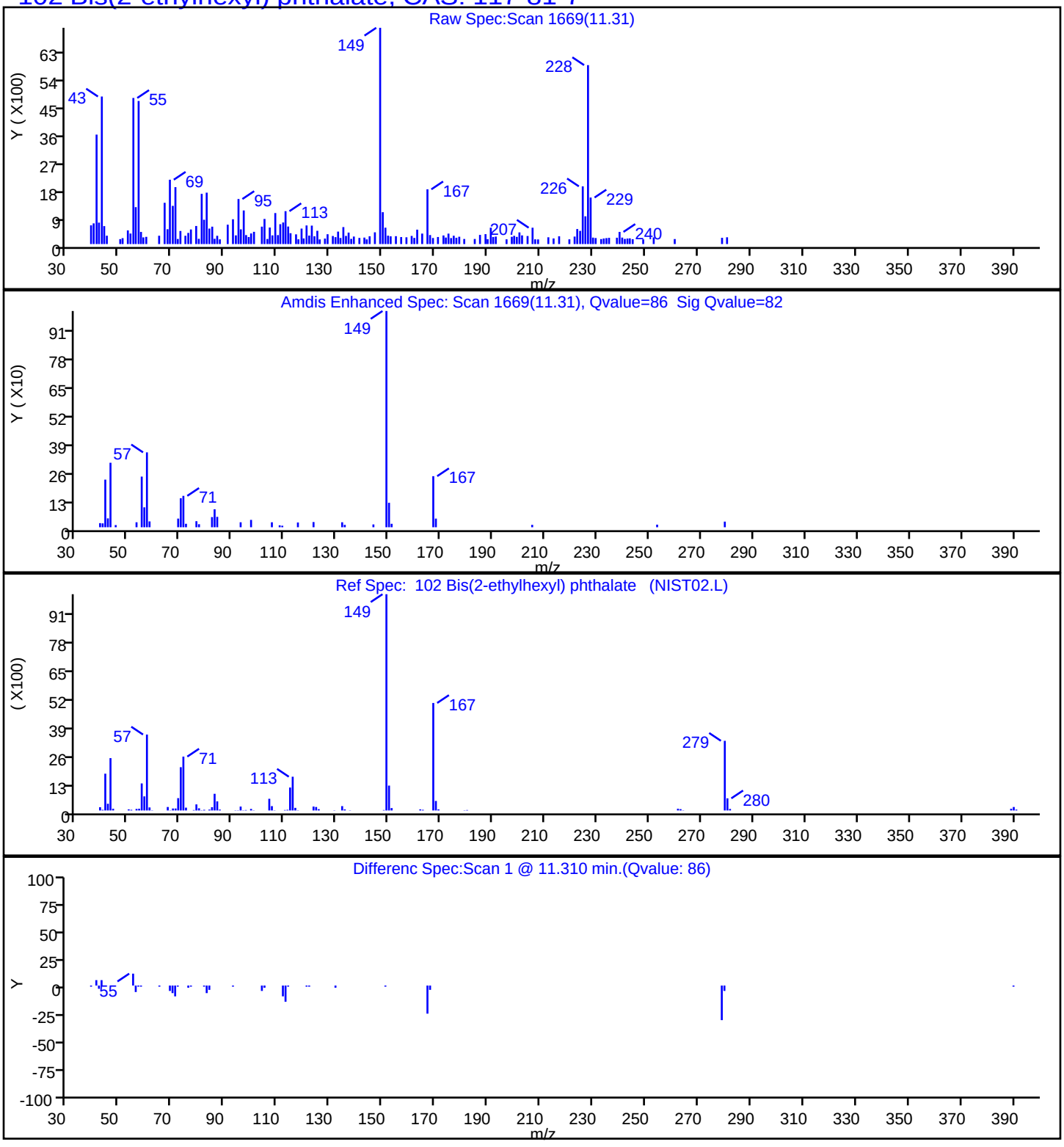
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

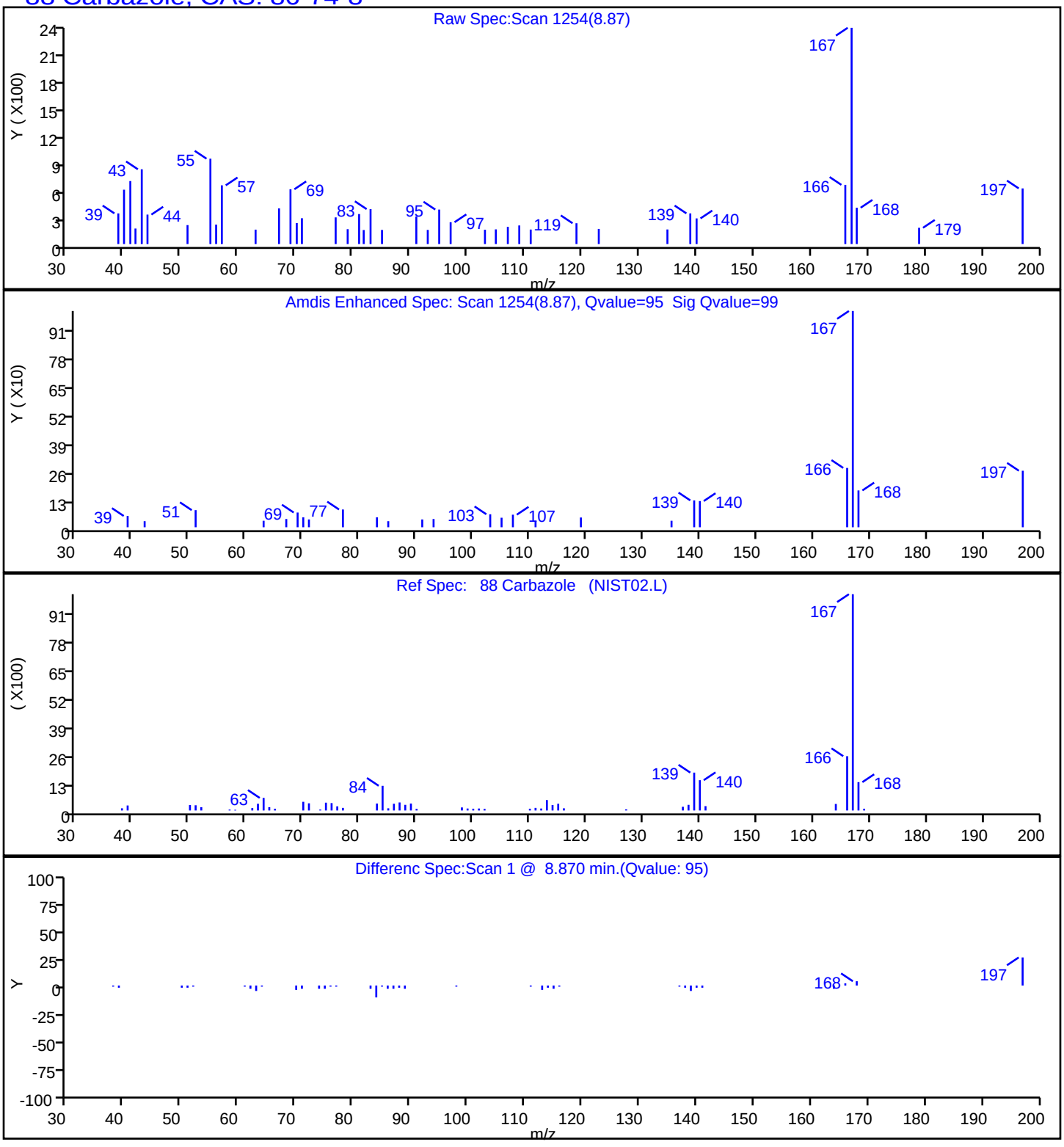
102 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Carbazole, CAS: 86-74-8

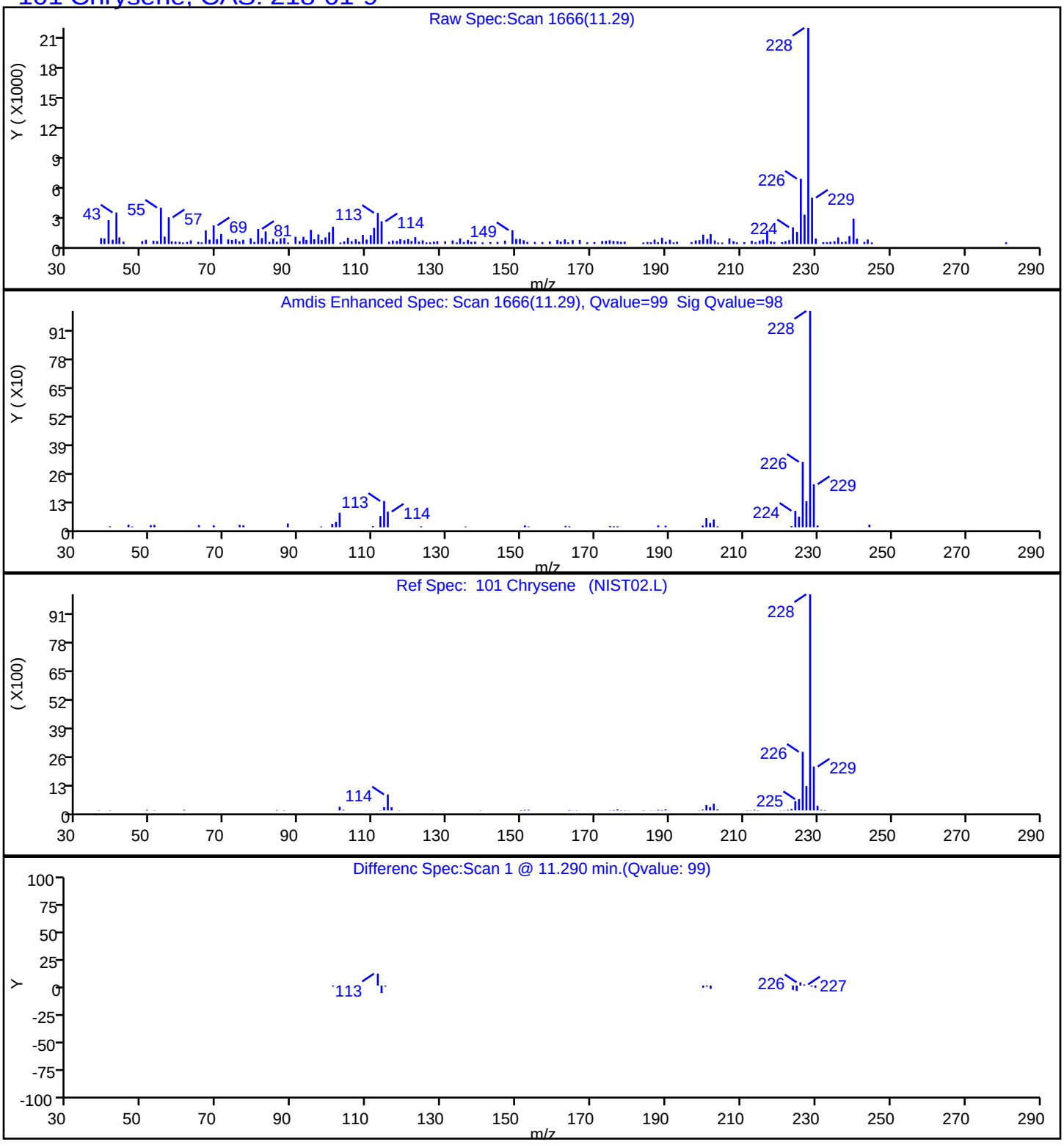


Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

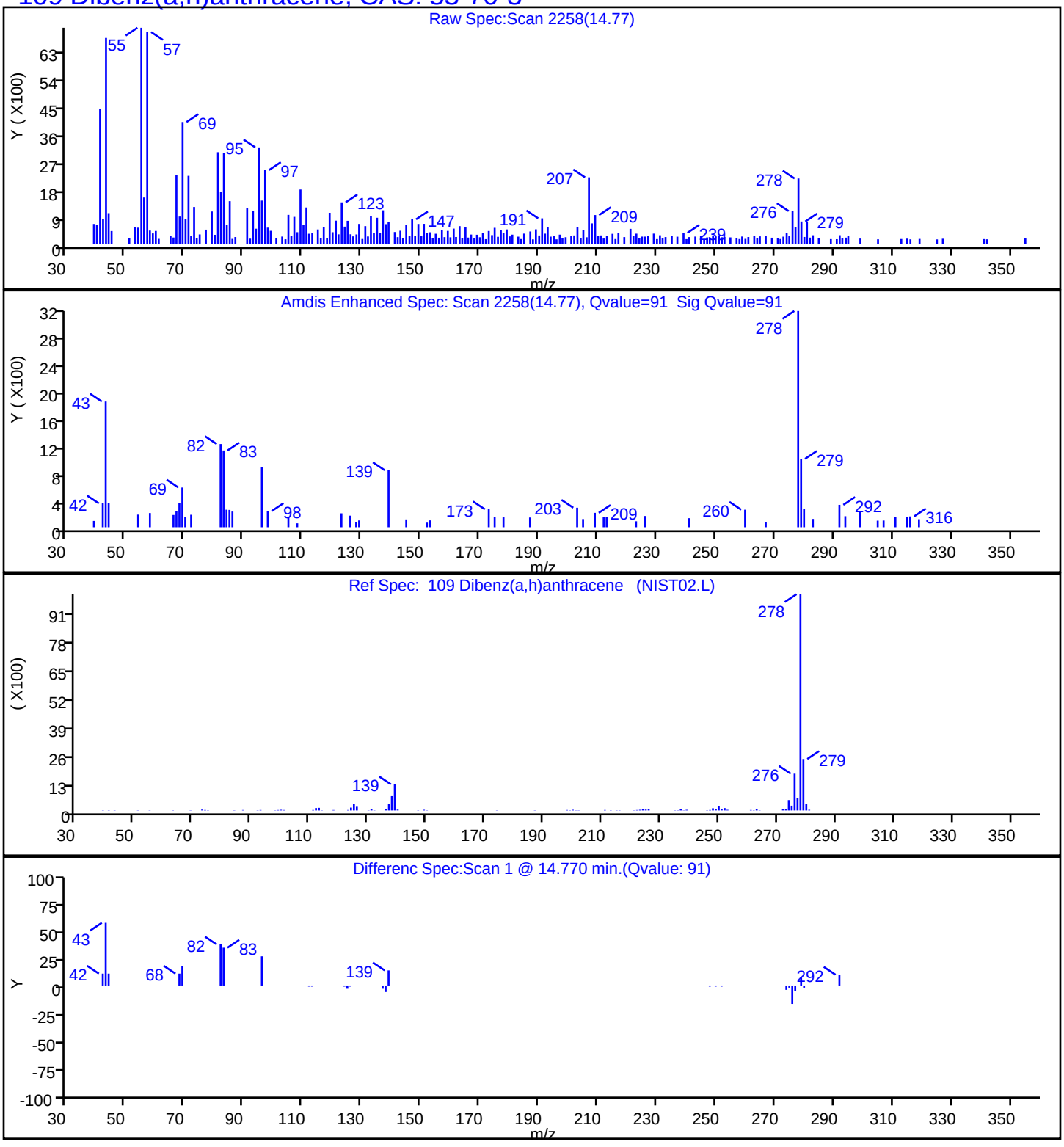
101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

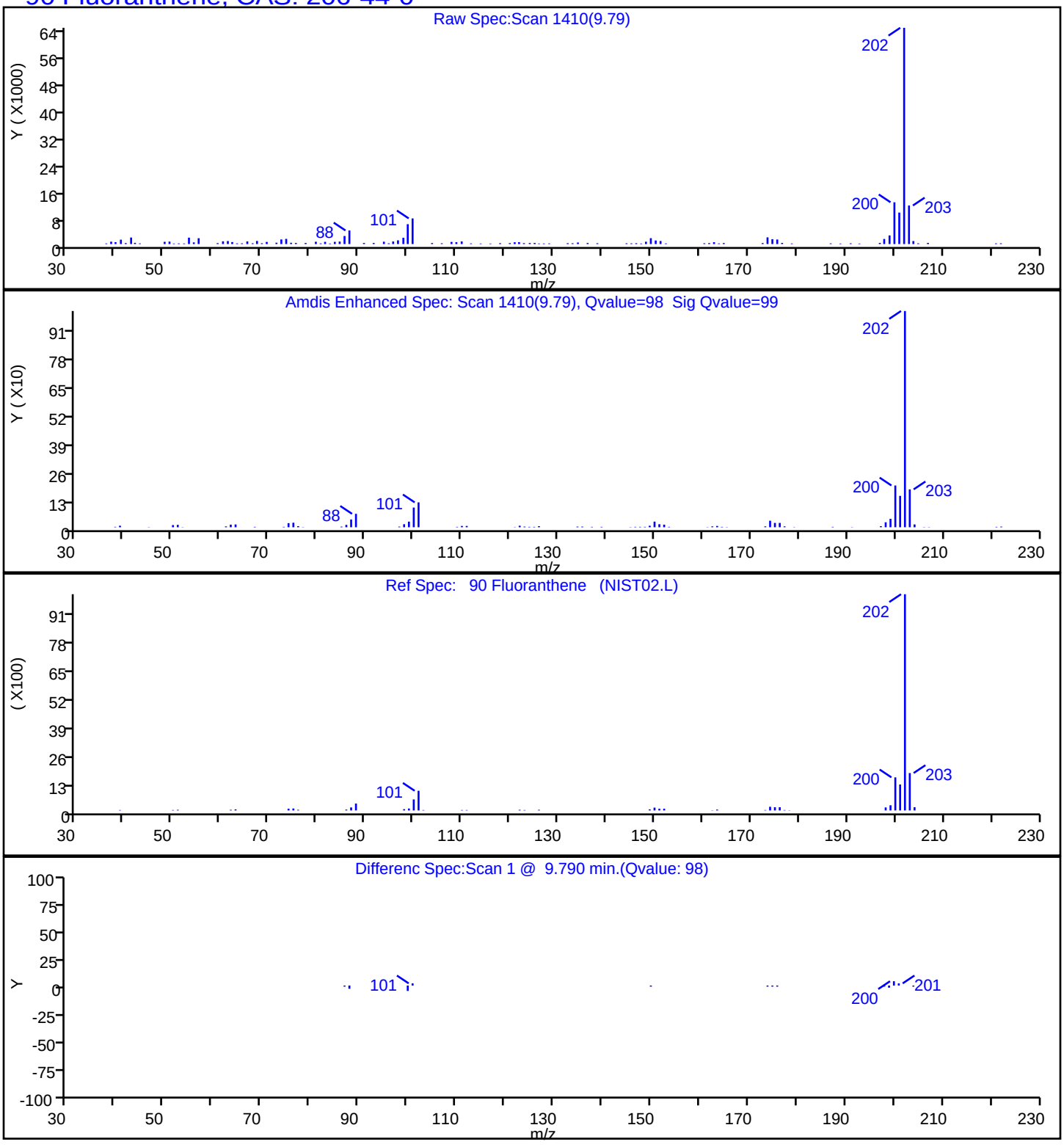


Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Fluoranthene, CAS: 206-44-0

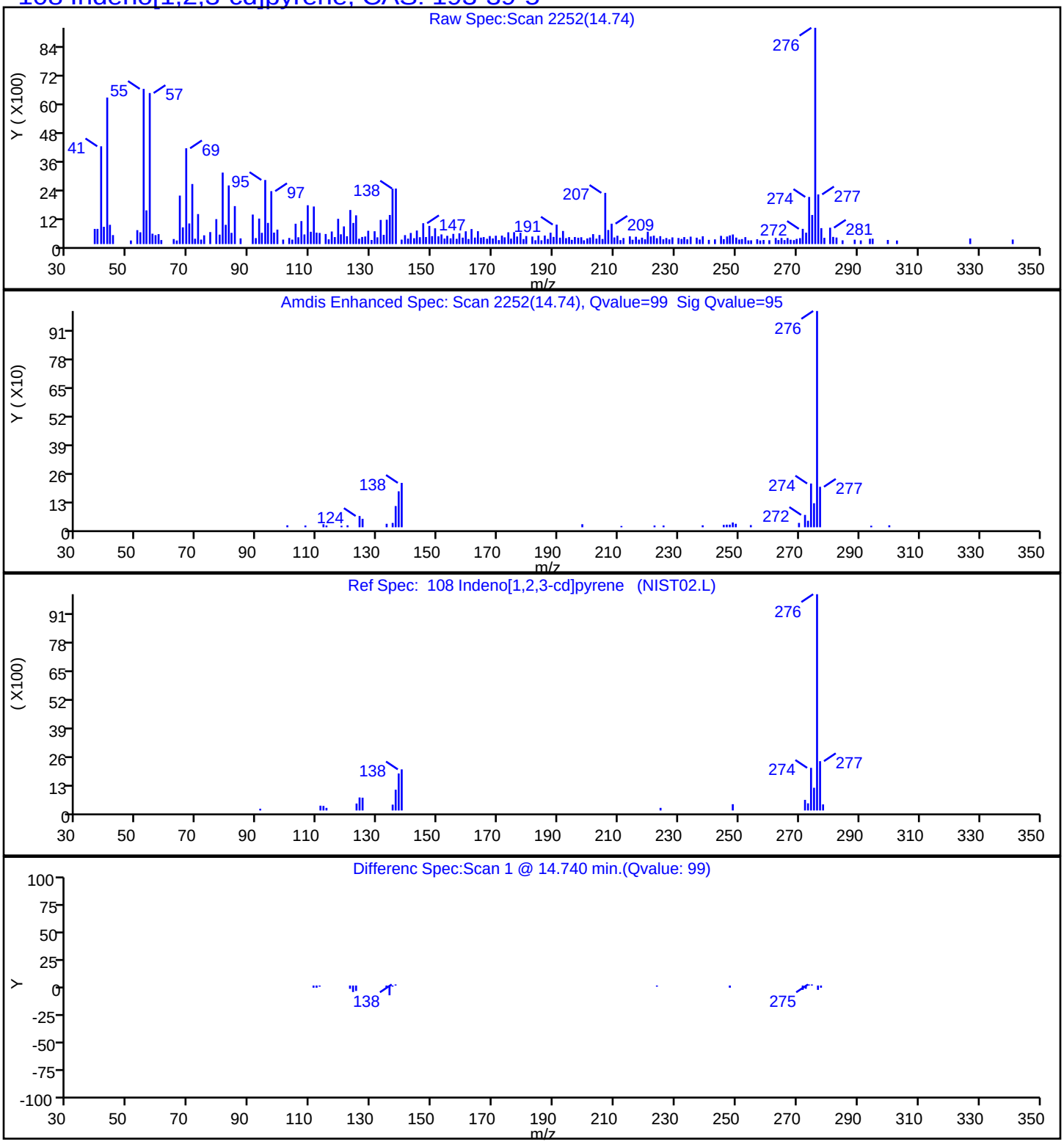


Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

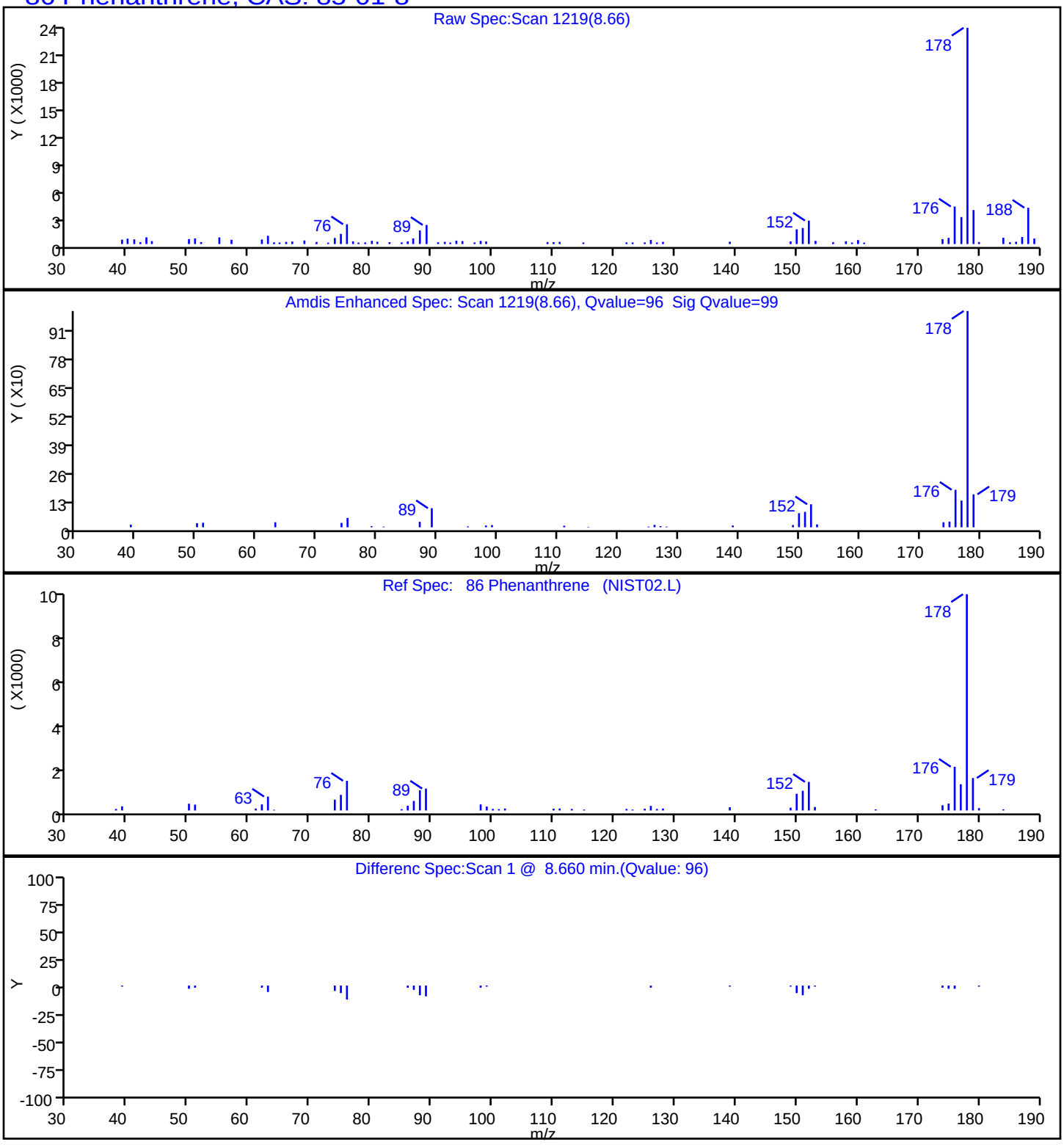
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Phenanthrene, CAS: 85-01-8

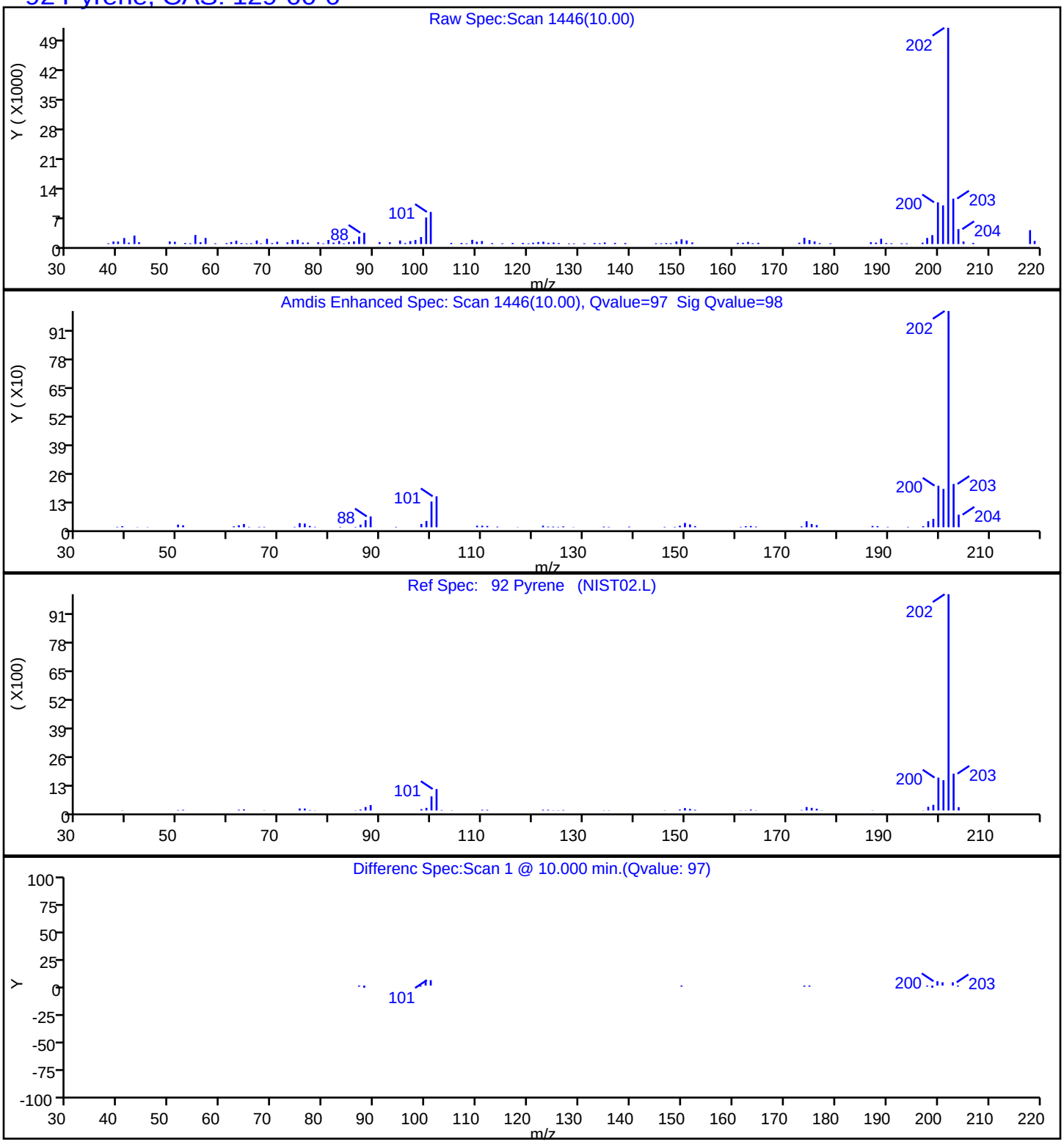


Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

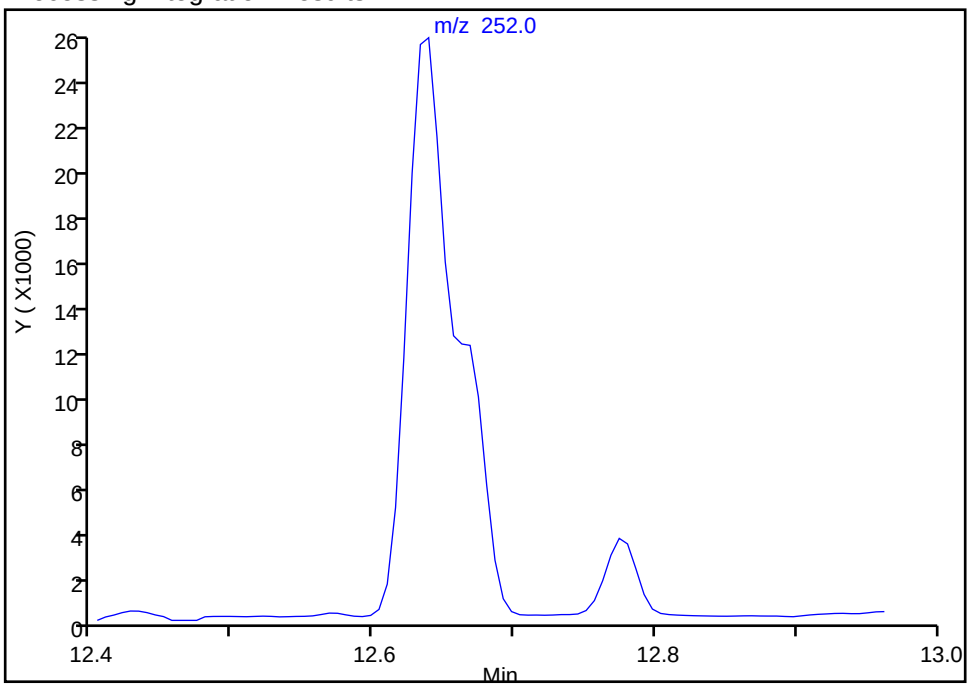
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

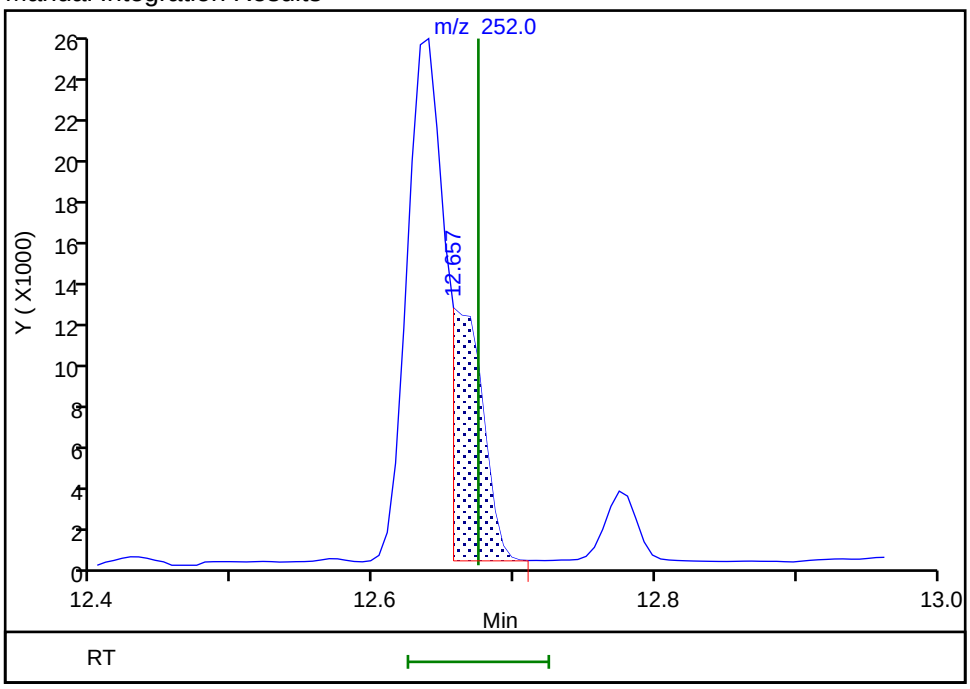
Not Detected
Expected RT: 12.67

Processing Integration Results



Manual Integration Results

RT: 12.66
Area: 19613
Amount: 2.143838
Amount Units: ug/ml



Reviewer: khlungprakhons, 28-Aug-2020 14:11:12
Audit Action: Manually Integrated Audit Reason: Assign Peak

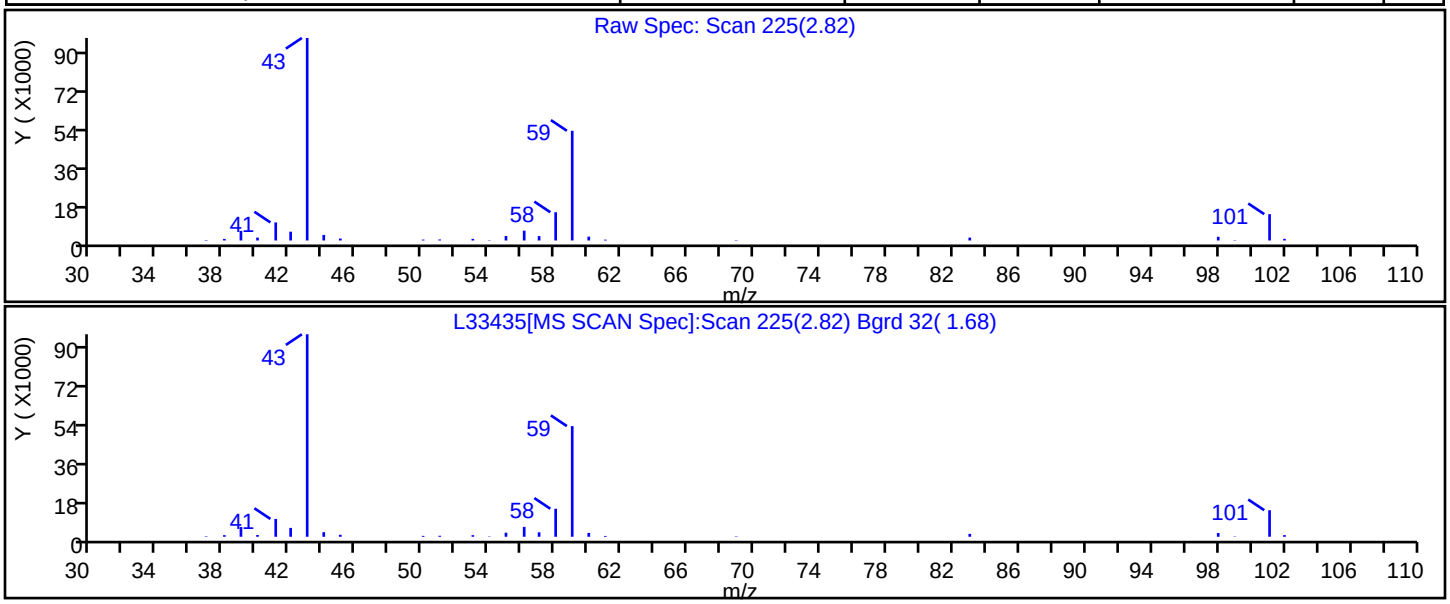
Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d

Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

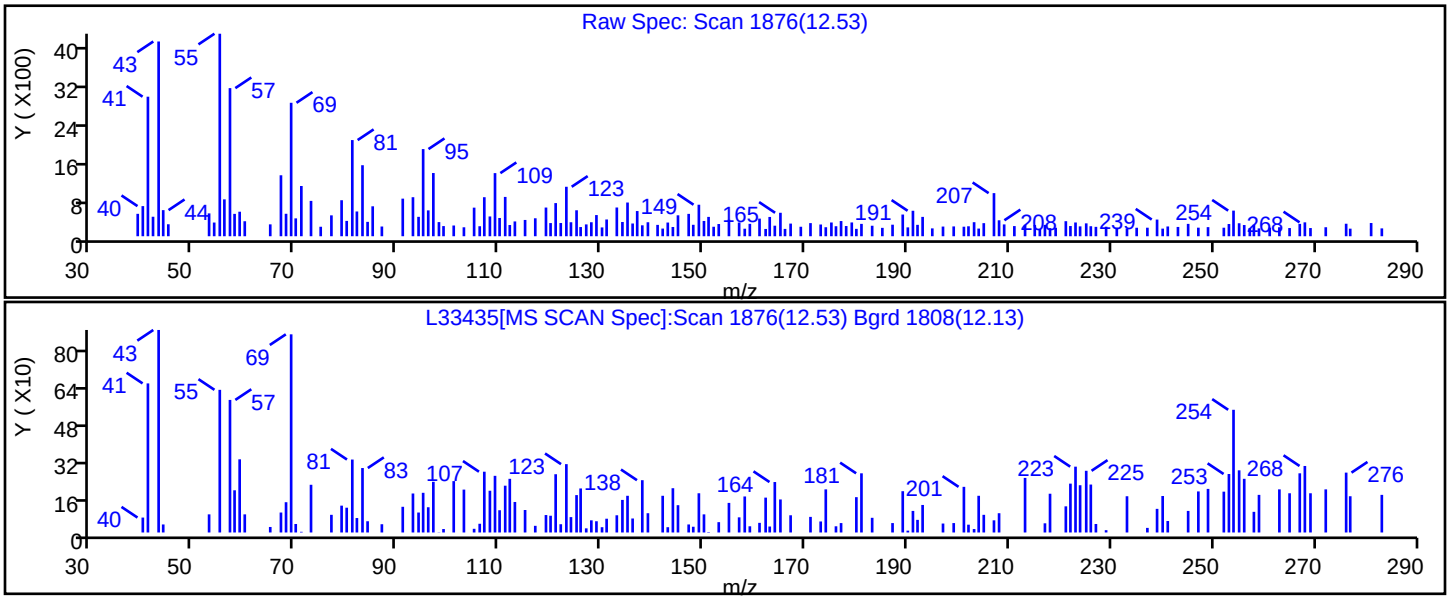


Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

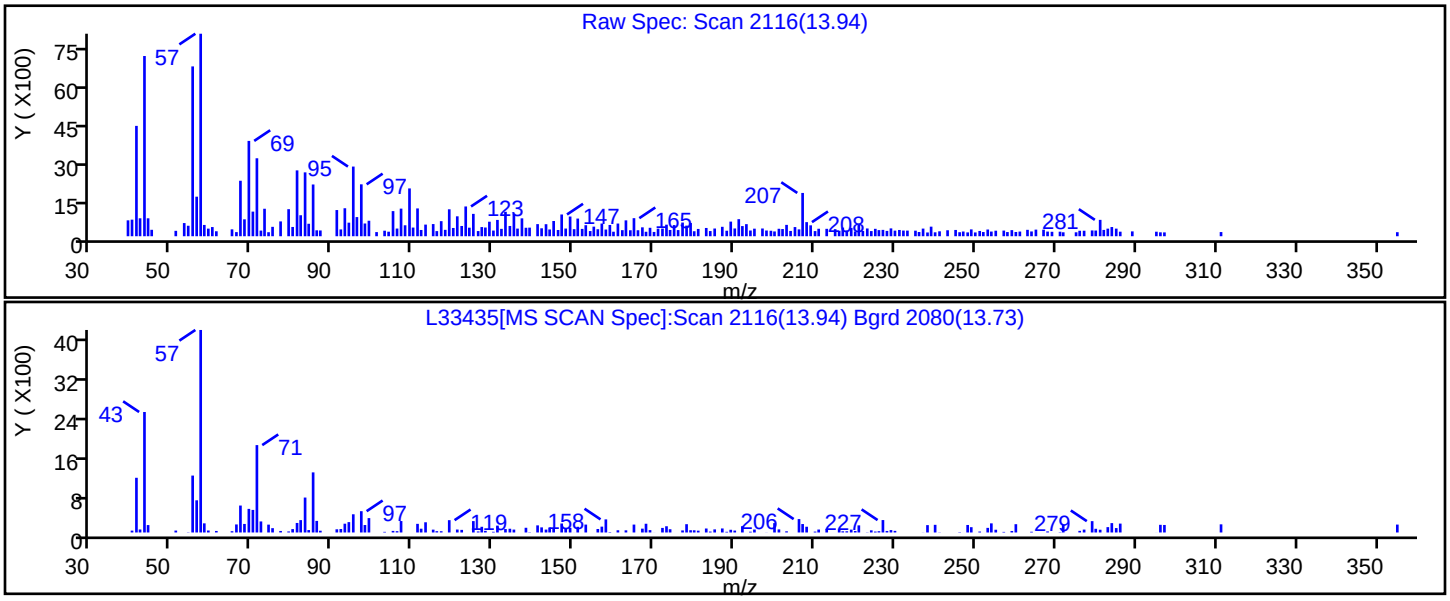


Report Date: 28-Aug-2020 09:31:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33435.d				
Injection Date:	28-Aug-2020 02:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-3-B	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: L33424.d

Analysis Method: 8270D Date Collected: 08/25/2020 11:50

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 22:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0090	U	0.035	0.0090
95-50-1	1,2-Dichlorobenzene	0.0060	U	0.35	0.0060
541-73-1	1,3-Dichlorobenzene	0.0046	U	0.35	0.0046
106-46-7	1,4-Dichlorobenzene	0.013	U	0.35	0.013
123-91-1	1,4-Dioxane	0.0096	U	0.11	0.0096
108-60-1	2,2'-oxybis[1-chloropropane]	0.0063	U	0.35	0.0063
121-14-2	2,4-Dinitrotoluene	0.038	U	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.025	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.35	0.016
91-57-6	2-Methylnaphthalene	0.0098	U	0.35	0.0098
88-74-4	2-Nitroaniline	0.013	U	0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	0.053	U	0.14	0.053
99-09-2	3-Nitroaniline	0.039	U	0.35	0.039
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.35	0.014
106-47-8	4-Chloroaniline	0.024	U	0.35	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012
100-01-6	4-Nitroaniline	0.040	U	0.35	0.040
83-32-9	Acenaphthene	0.025	U	0.35	0.025
208-96-8	Acenaphthylene	0.0036	U	0.35	0.0036
120-12-7	Anthracene	0.011	U	0.35	0.011
56-55-3	Benzo[a]anthracene	0.012	U	0.035	0.012
50-32-8	Benzo[a]pyrene	0.0093	U *	0.035	0.0093
205-99-2	Benzo[b]fluoranthene	0.0090	U	0.035	0.0090
191-24-2	Benzo[g,h,i]perylene	0.010	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.0068	U	0.035	0.0068
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.35	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.35	0.016
86-74-8	Carbazole	0.013	U	0.35	0.013
218-01-9	Chrysene	0.0059	U	0.35	0.0059
53-70-3	Dibenz(a,h)anthracene	0.015	U *	0.035	0.015
132-64-9	Dibenzofuran	0.0049	U	0.35	0.0049
84-66-2	Diethyl phthalate	0.0051	U	0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: L33424.d

Analysis Method: 8270D Date Collected: 08/25/2020 11:50

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 22:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.079	U	0.35	0.079
84-74-2	Di-n-butyl phthalate	0.062	U	0.35	0.062
117-84-0	Di-n-octyl phthalate	0.018	U	0.35	0.018
206-44-0	Fluoranthene	0.012	U	0.35	0.012
86-73-7	Fluorene	0.0047	U	0.35	0.0047
118-74-1	Hexachlorobenzene	0.017	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.0074	U	0.071	0.0074
77-47-4	Hexachlorocyclopentadiene	0.031	U	0.35	0.031
67-72-1	Hexachloroethane	0.012	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.014	U *	0.035	0.014
78-59-1	Isophorone	0.10	U	0.14	0.10
91-20-3	Naphthalene	0.0060	U	0.35	0.0060
98-95-3	Nitrobenzene	0.0084	U	0.035	0.0084
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.0067	U	0.35	0.0067
85-01-8	Phenanthrene	0.0061	U	0.35	0.0061
129-00-0	Pyrene	0.0087	U	0.35	0.0087

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	56		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	56		19-105
1718-51-0	Terphenyl-d14 (Surr)	65		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: L33424.d

Analysis Method: 8270D Date Collected: 08/25/2020 11:50

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 22:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.57

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.80	0.57	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33424.d
Lims ID: 460-216817-E-4-B
Client ID: SB-09_1-3_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 22:43:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-010
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 12:24:28 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:24:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.351	4.357	-0.006	97	103003	40.0	
$ 26 Nitrobenzene-d5	82	4.881	4.887	-0.006	96	101223	28.2	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	372552	40.0	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	193247	28.2	
* 63 Acenaphthene-d10	164	7.233	7.239	-0.006	97	177743	40.0	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	327496	40.0	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	199144	32.6	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	236568	40.0	
* 107 Perylene-d12	264	13.157	13.168	-0.011	98	236422	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33424.d				
Lims ID:	460-216817-E-4-B				
Client ID:	SB-09_1-3_20200825				
Sample Type:	Client				
Inject. Date:	27-Aug-2020 22:43:30	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115878-010				
Operator ID:		Instrument ID:	CBNAMS12		
Method:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	28-Aug-2020 12:24:28	Calib Date:	29-Jul-2020 16:20:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1023				
First Level Reviewer: khlungprakhons		Date:	28-Aug-2020 12:24:28		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.804	126364	8.11	13	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.351	623408	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

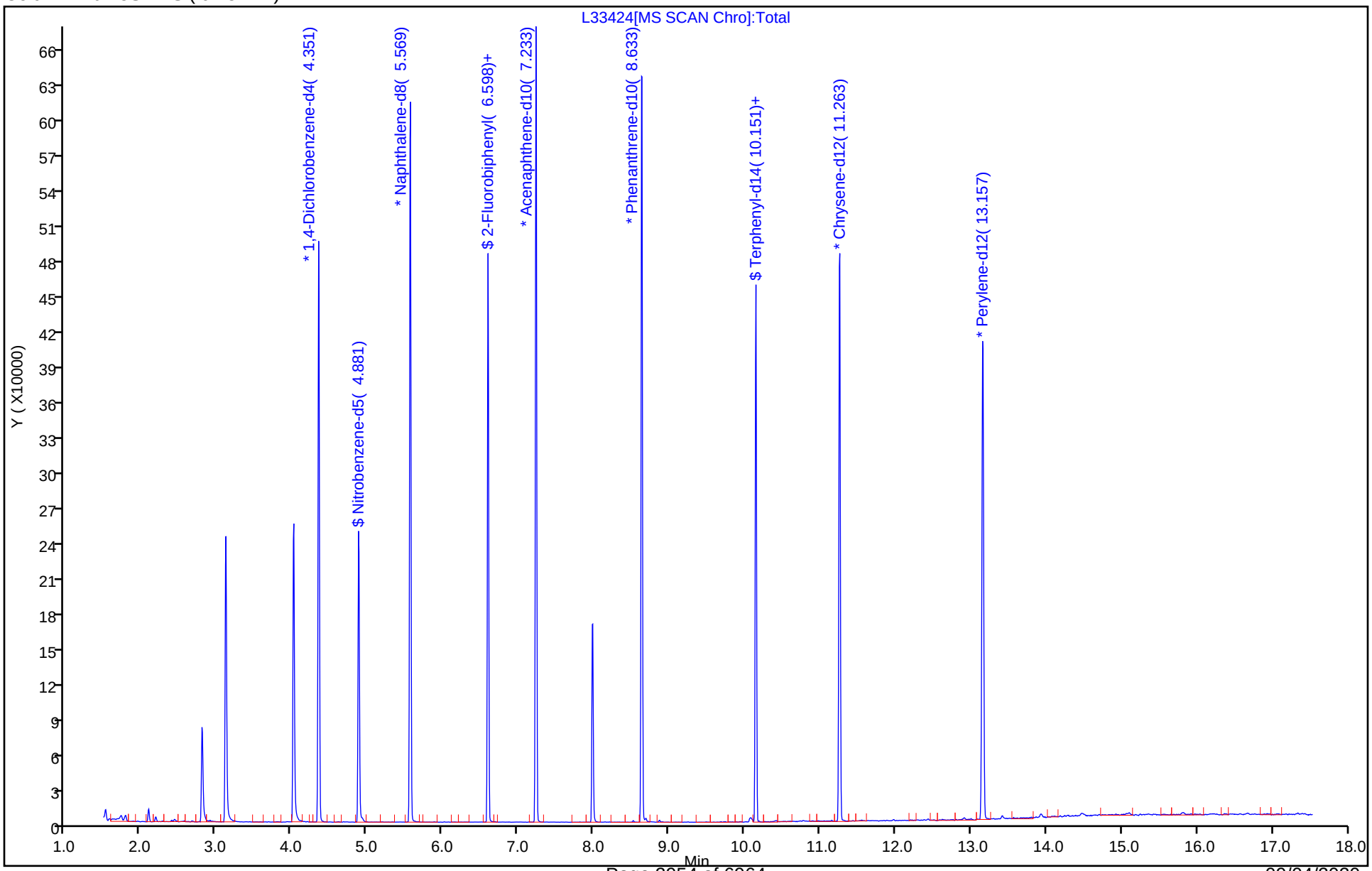
Report Date: 28-Aug-2020 12:24:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33424.d

Injection Date:	27-Aug-2020 22:43:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216817-E-4-B	Lab Sample ID:	460-216817-4	Worklist Smp#:	10
Client ID:	SB-09_1-3_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



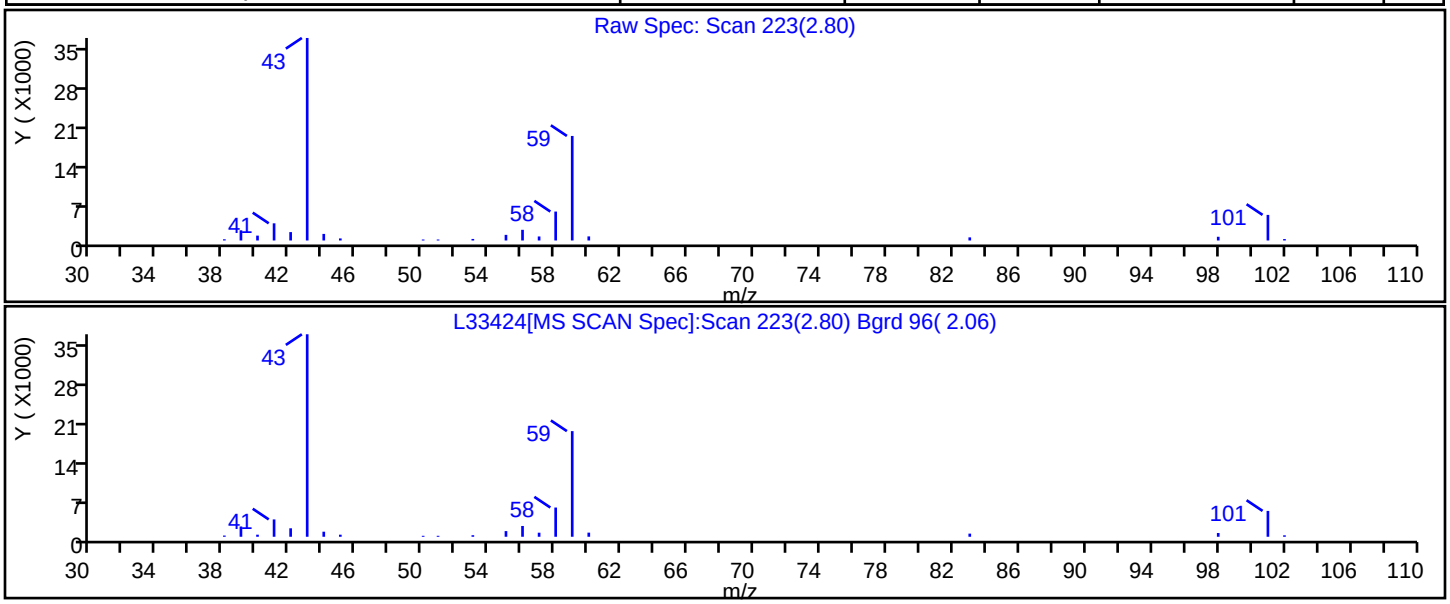
Report Date: 28-Aug-2020 12:24:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33424.d

Injection Date:	27-Aug-2020 22:43:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-4-B	Lab Sample ID:	460-216817-4		
Client ID:	SB-09_1-3_20200825				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: L33426.d

Analysis Method: 8270D Date Collected: 08/25/2020 13:10

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 23:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0095	U	0.037	0.0095
95-50-1	1,2-Dichlorobenzene	0.0063	U	0.37	0.0063
541-73-1	1,3-Dichlorobenzene	0.0049	U	0.37	0.0049
106-46-7	1,4-Dichlorobenzene	0.014	U	0.37	0.014
123-91-1	1,4-Dioxane	0.010	U	0.11	0.010
108-60-1	2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067
121-14-2	2,4-Dinitrotoluene	0.040	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.027	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.017	U	0.37	0.017
91-57-6	2-Methylnaphthalene	0.012	J	0.37	0.010
88-74-4	2-Nitroaniline	0.014	U	0.37	0.014
91-94-1	3,3'-Dichlorobenzidine	0.056	U	0.15	0.056
99-09-2	3-Nitroaniline	0.042	U	0.37	0.042
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.37	0.015
106-47-8	4-Chloroaniline	0.026	U	0.37	0.026
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013
100-01-6	4-Nitroaniline	0.043	U	0.37	0.043
83-32-9	Acenaphthene	0.043	J	0.37	0.027
208-96-8	Acenaphthylene	0.0038	U	0.37	0.0038
120-12-7	Anthracene	0.084	J	0.37	0.011
56-55-3	Benzo[a]anthracene	0.17		0.037	0.013
50-32-8	Benzo[a]pyrene	0.18	*	0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.25		0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.13	J	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.087		0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.017	U	0.37	0.017
86-74-8	Carbazole	0.035	J	0.37	0.014
218-01-9	Chrysene	0.17	J	0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.034	J *	0.037	0.016
132-64-9	Dibenzofuran	0.028	J	0.37	0.0052
84-66-2	Diethyl phthalate	0.0054	U	0.37	0.0054

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: L33426.d

Analysis Method: 8270D Date Collected: 08/25/2020 13:10

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 23:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.084	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.066	U	0.37	0.066
117-84-0	Di-n-octyl phthalate	0.020	U	0.37	0.020
206-44-0	Fluoranthene	0.37		0.37	0.013
86-73-7	Fluorene	0.039	J	0.37	0.0050
118-74-1	Hexachlorobenzene	0.018	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.0079	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.033	U	0.37	0.033
67-72-1	Hexachloroethane	0.013	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.14	*	0.037	0.015
78-59-1	Isophorone	0.11	U	0.15	0.11
91-20-3	Naphthalene	0.023	J	0.37	0.0064
98-95-3	Nitrobenzene	0.0089	U	0.037	0.0089
621-64-7	N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.0071	U	0.37	0.0071
85-01-8	Phenanthrene	0.35	J	0.37	0.0065
129-00-0	Pyrene	0.38		0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	46		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	47		19-105
1718-51-0	Terphenyl-d14 (Surr)	55		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: L33426.d

Analysis Method: 8270D Date Collected: 08/25/2020 13:10

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 23:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 2 TIC Result Total: 1.38

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.81	0.73	A J	
	Unknown	9.64	0.65	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d
Lims ID: 460-216817-E-5-B
Client ID: SB-03_0-2_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 23:28:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-012
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:23:12 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:27:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.351	4.357	-0.006	97	108646	40.0	
$ 26 Nitrobenzene-d5	82	4.881	4.887	-0.006	96	89578	23.6	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	393645	40.0	
37 Naphthalene	128	5.587	5.592	-0.005	97	3020	0.3013	
42 2-Methylnaphthalene	142	6.251	6.251	0.000	83	1102	0.1580	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	171192	23.0	
* 63 Acenaphthene-d10	164	7.234	7.239	-0.005	97	192909	40.0	
65 Acenaphthene	154	7.263	7.269	-0.006	91	3660	0.5755	
69 Dibenzofuran	168	7.428	7.433	-0.005	96	3301	0.3691	
74 Fluorene	166	7.751	7.757	-0.006	97	3700	0.5174	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	342117	40.0	
86 Phenanthrene	178	8.657	8.669	-0.012	98	45986	4.67	
87 Anthracene	178	8.710	8.716	-0.006	97	11396	1.12	
88 Carbazole	167	8.869	8.875	-0.006	95	4481	0.4644	
90 Fluoranthene	202	9.786	9.792	-0.006	99	55231	4.90	
92 Pyrene	202	9.998	10.004	-0.006	97	48408	5.13	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	169077	27.5	
99 Benzo[a]anthracene	228	11.251	11.257	-0.006	98	19570	2.32	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	237699	40.0	
101 Chrysene	228	11.292	11.304	-0.012	98	18675	2.32	
104 Benzo[b]fluoranthene	252	12.627	12.639	-0.012	98	24378	3.35	
105 Benzo[k]fluoranthene	252	12.651	12.674	-0.023	1	8985	1.16	M
106 Benzo[a]pyrene	252	13.074	13.092	-0.018	96	15938	2.46	
* 107 Perylene-d12	264	13.163	13.168	-0.005	98	249200	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.733	14.751	-0.018	97	12346	1.81	
109 Dibenz(a,h)anthracene	278	14.763	14.786	-0.023	77	3054	0.4563	
110 Benzo[g,h,i]perylene	276	15.163	15.192	-0.029	97	12806	1.71	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d
Lims ID: 460-216817-E-5-B
Client ID: SB-03_0-2_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 23:28:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-012
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:23:12 Calib Date: 29-Jul-2020 16:20:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:27:40

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.805	161982	9.78	13	0	0		0	
		Unknown						
9.639	223696	8.68	85					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.351	662616	40.0
* 85 Phenanthrene-d10	8.639	1030443	40.0

QC Flag Legend

Processing Flags

Reagents:

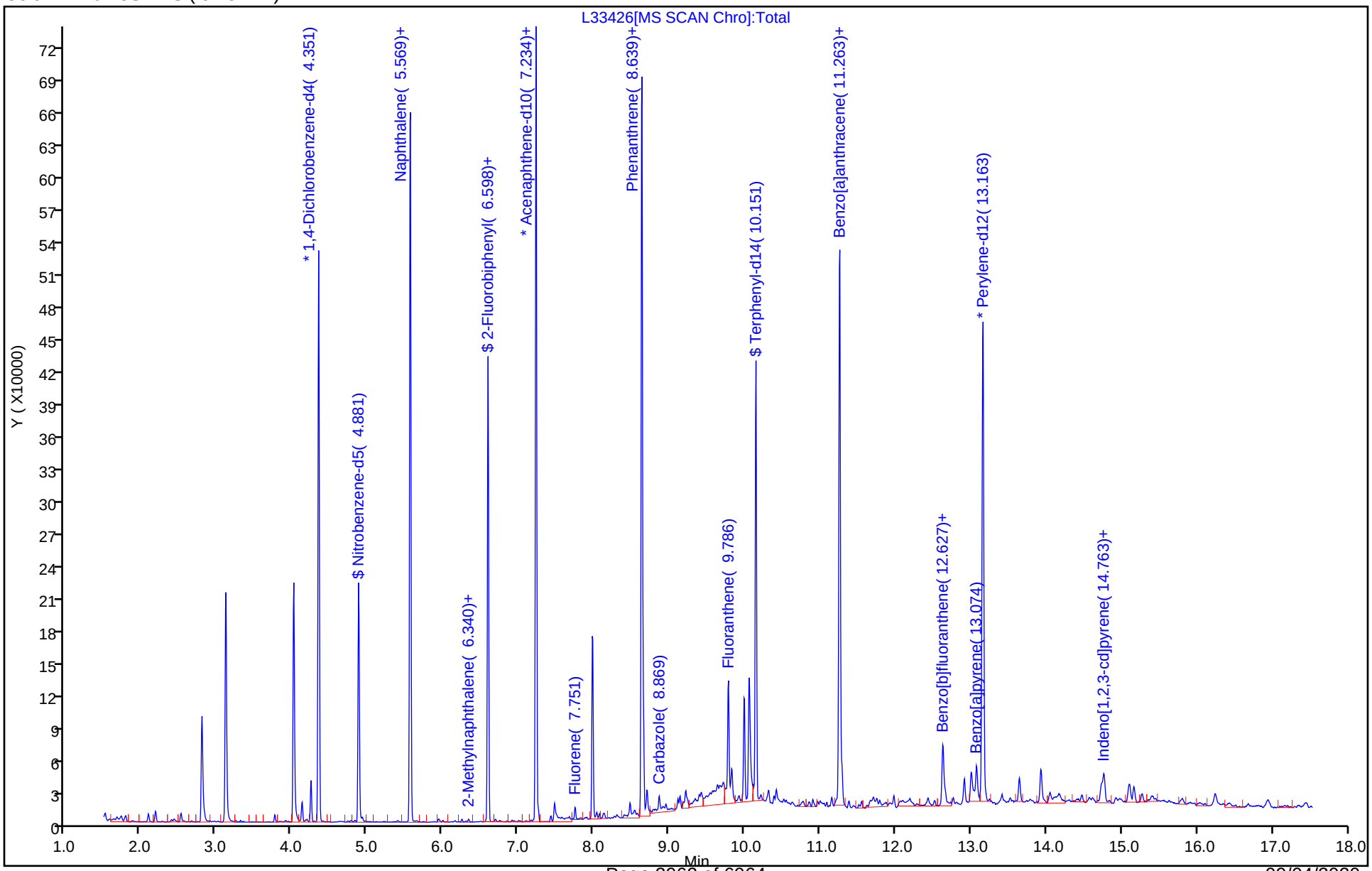
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 28-Aug-2020 09:28:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5	Worklist Smp#:	12
Client ID:	SB-03_0-2_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
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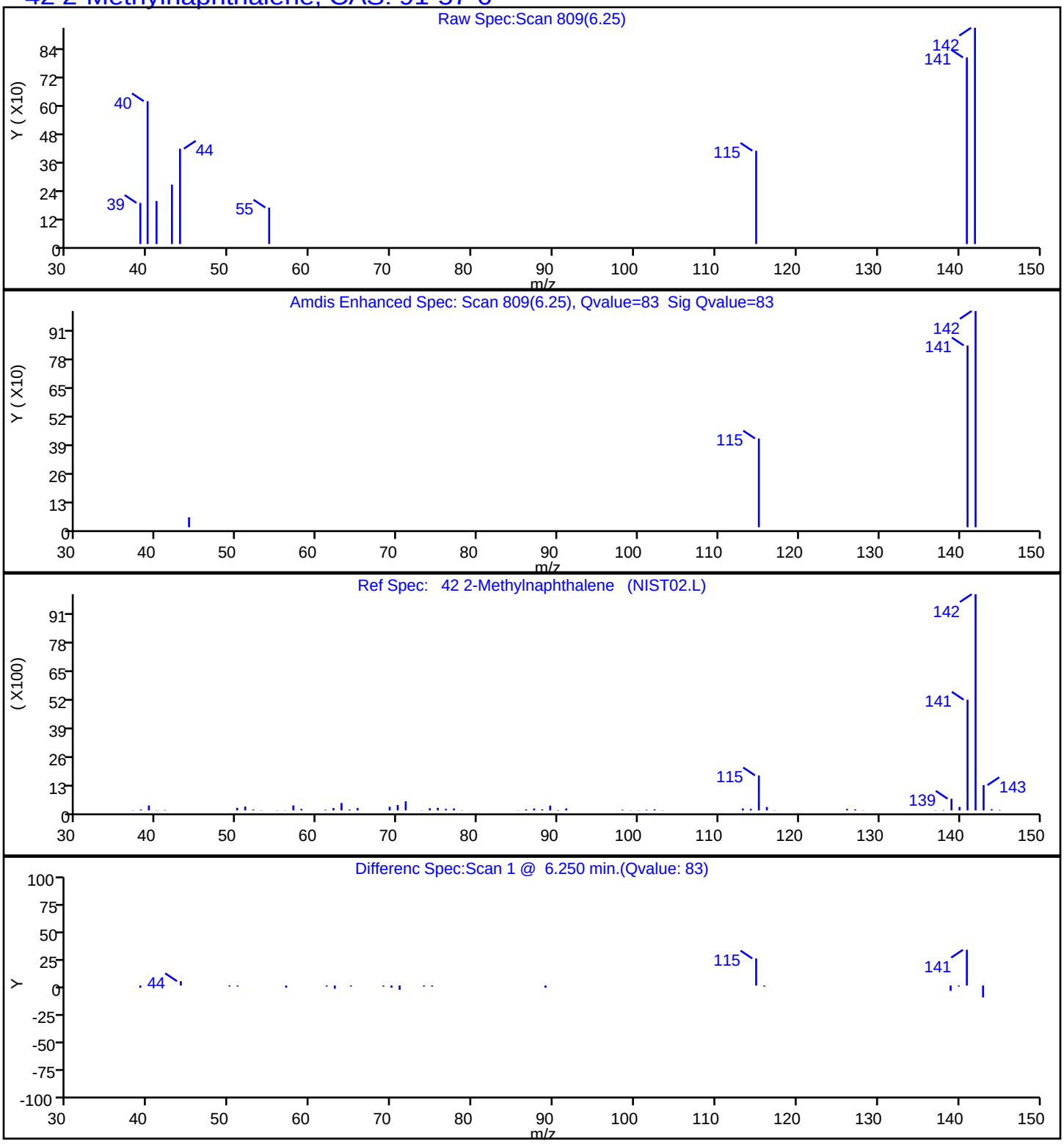
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 2-Methylnaphthalene, CAS: 91-57-6

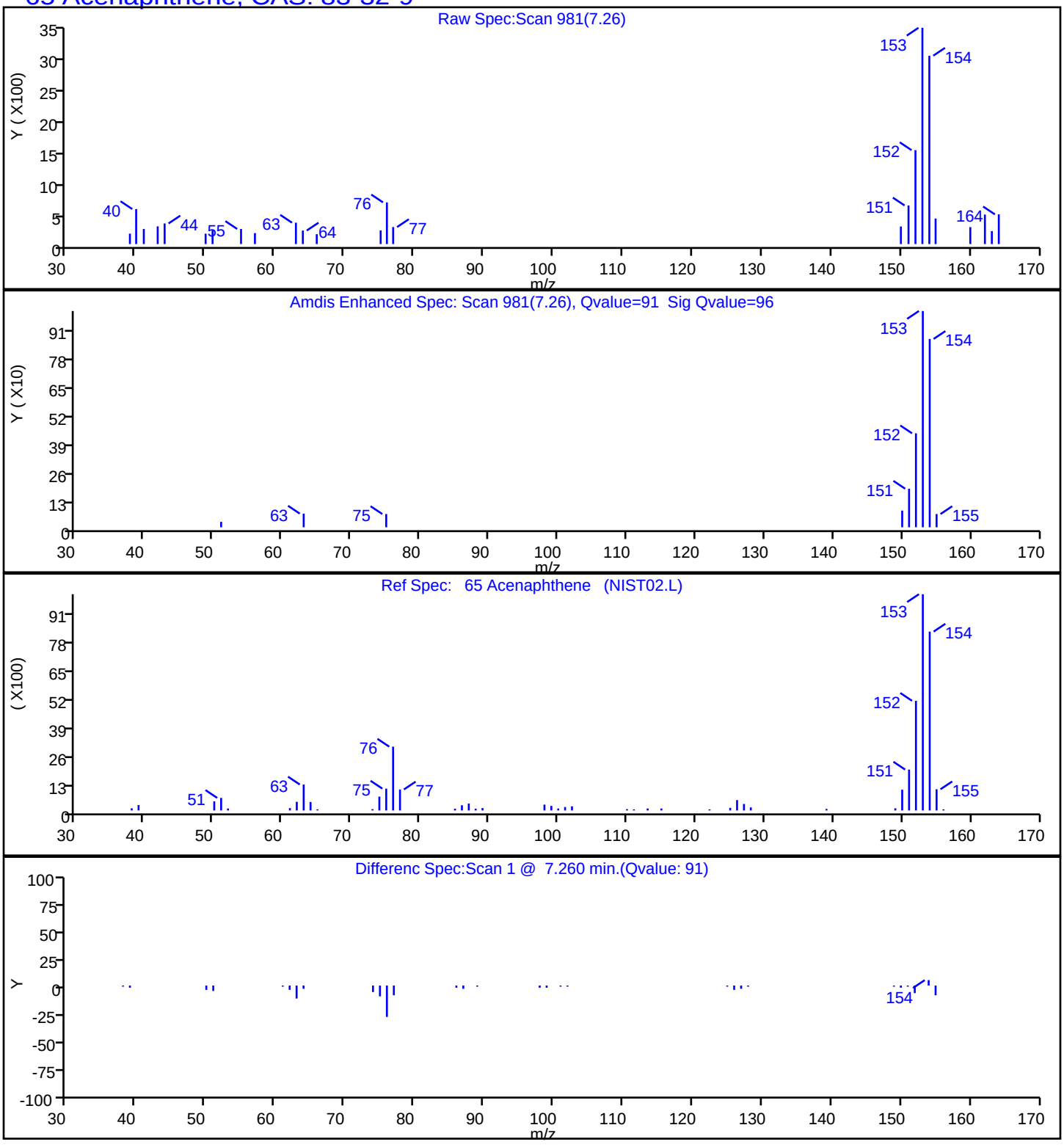


Report Date: 28-Aug-2020 09:28:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

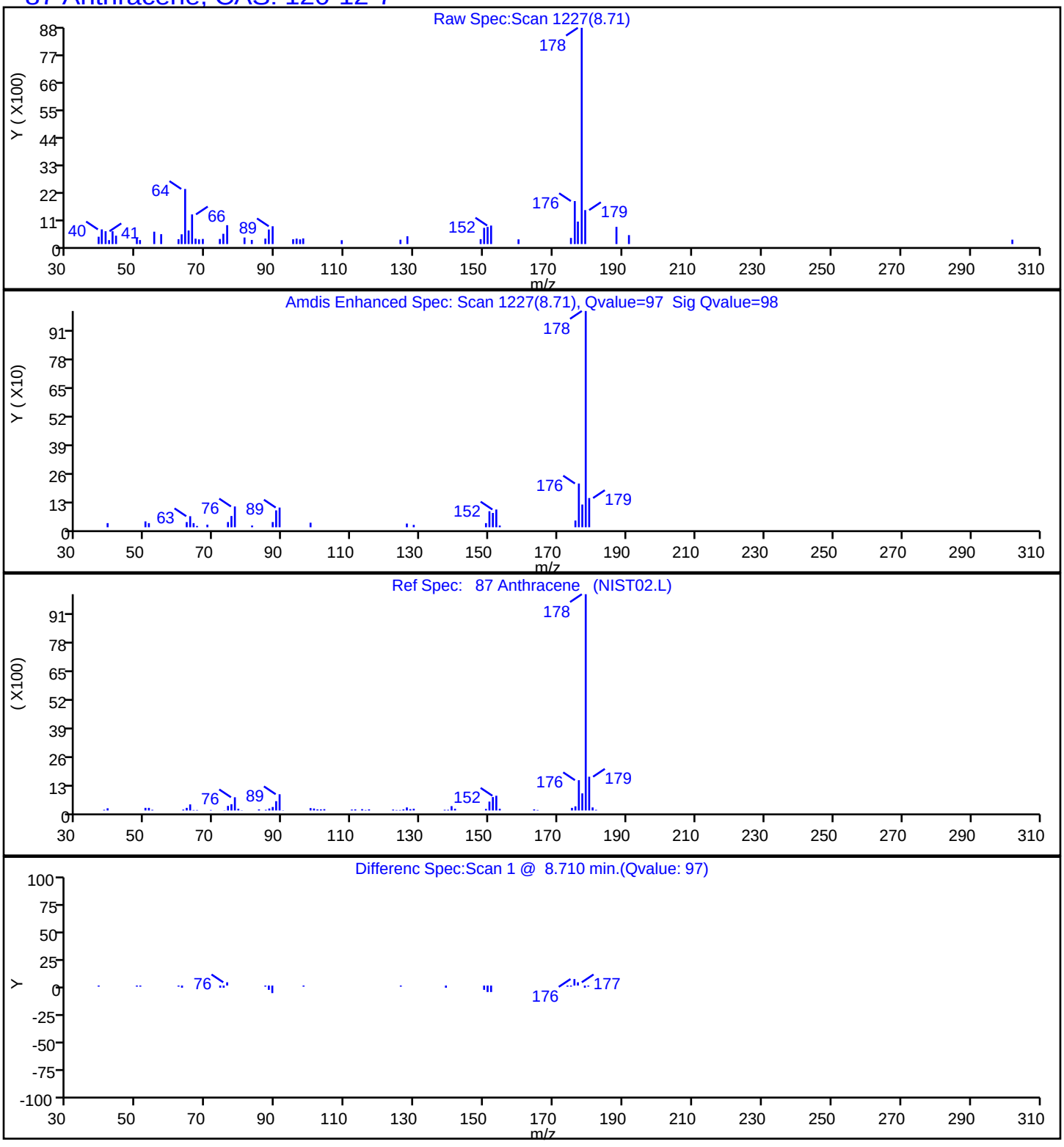
65 Acenaphthene, CAS: 83-32-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

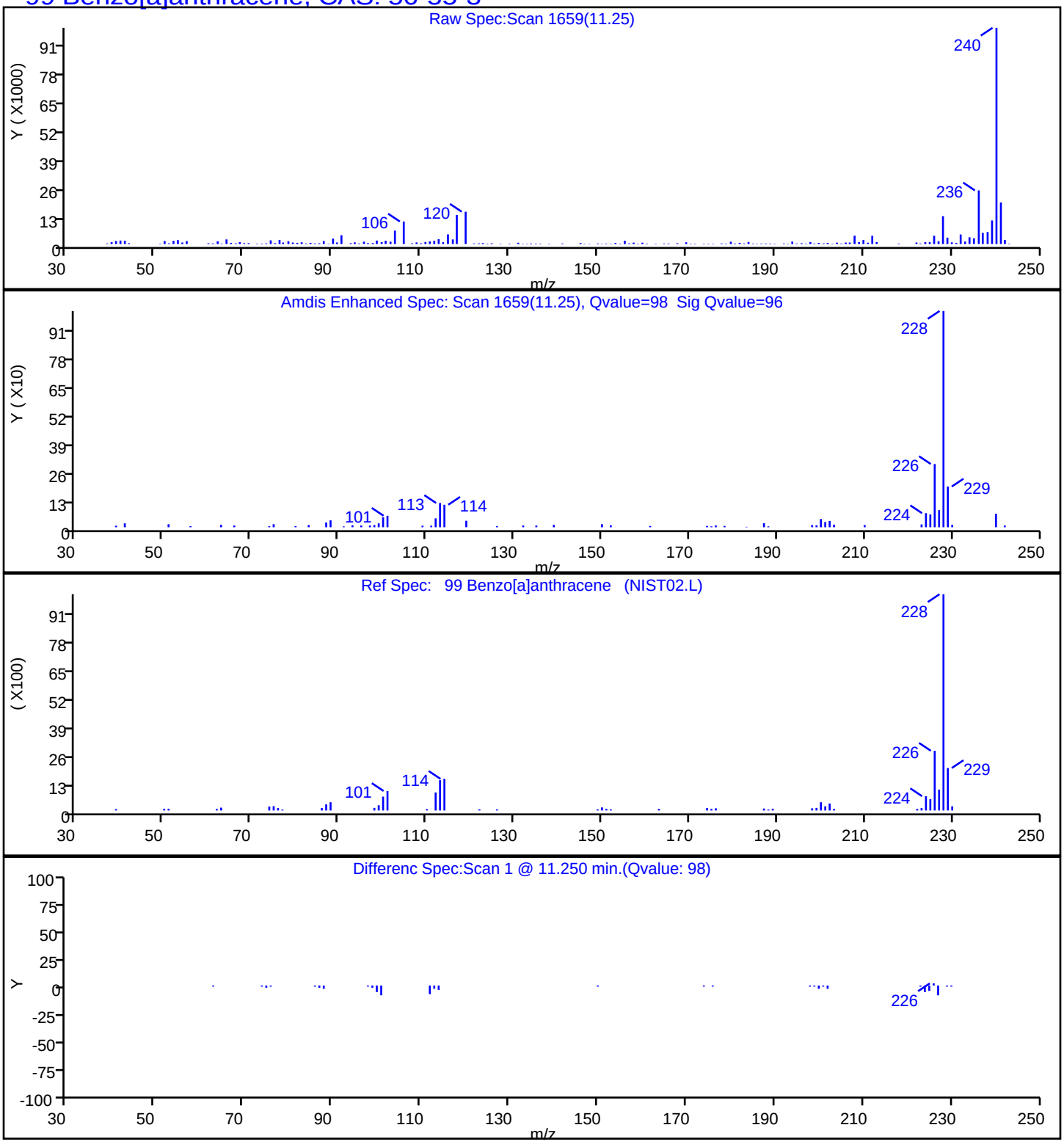
87 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

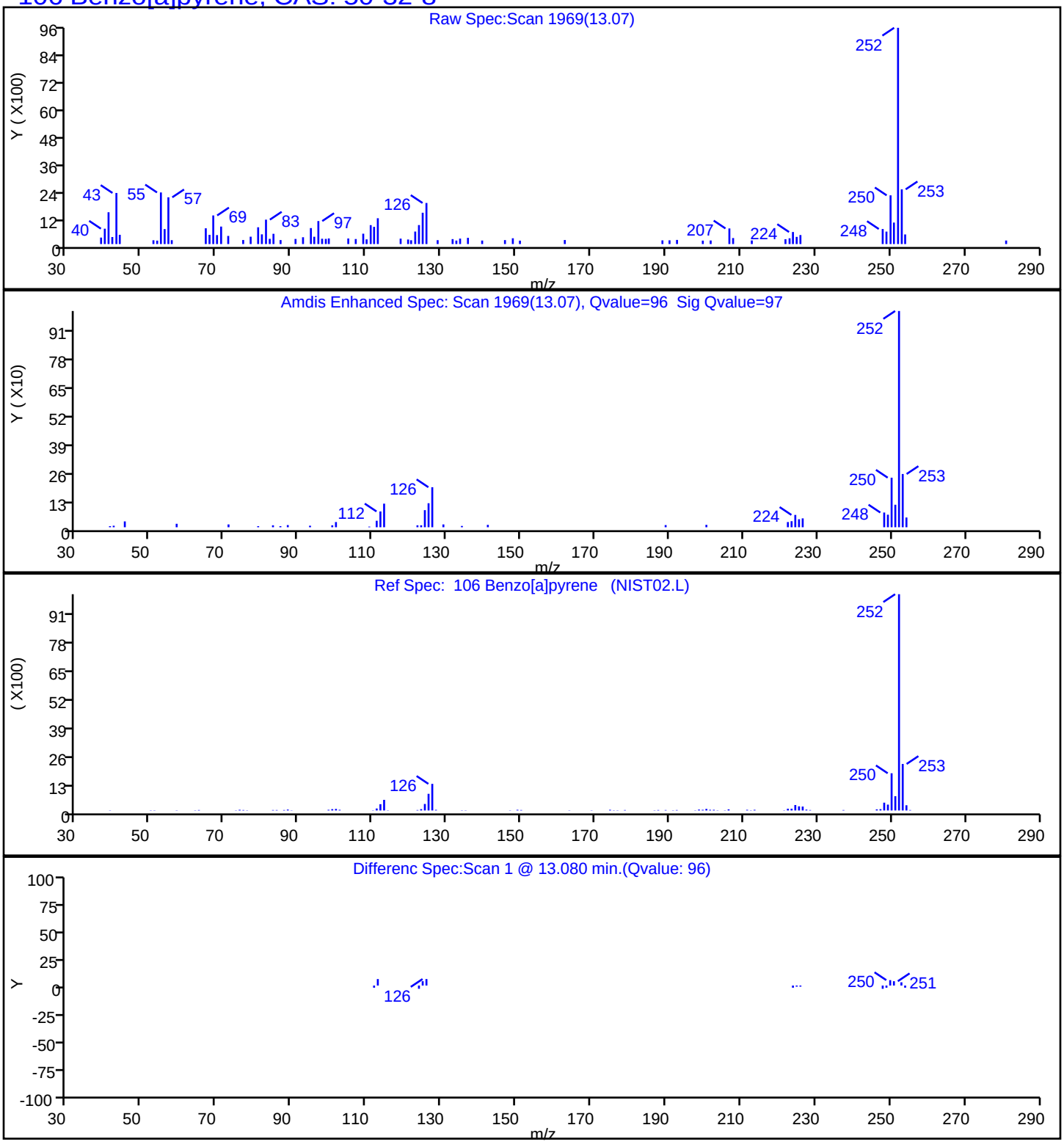
99 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

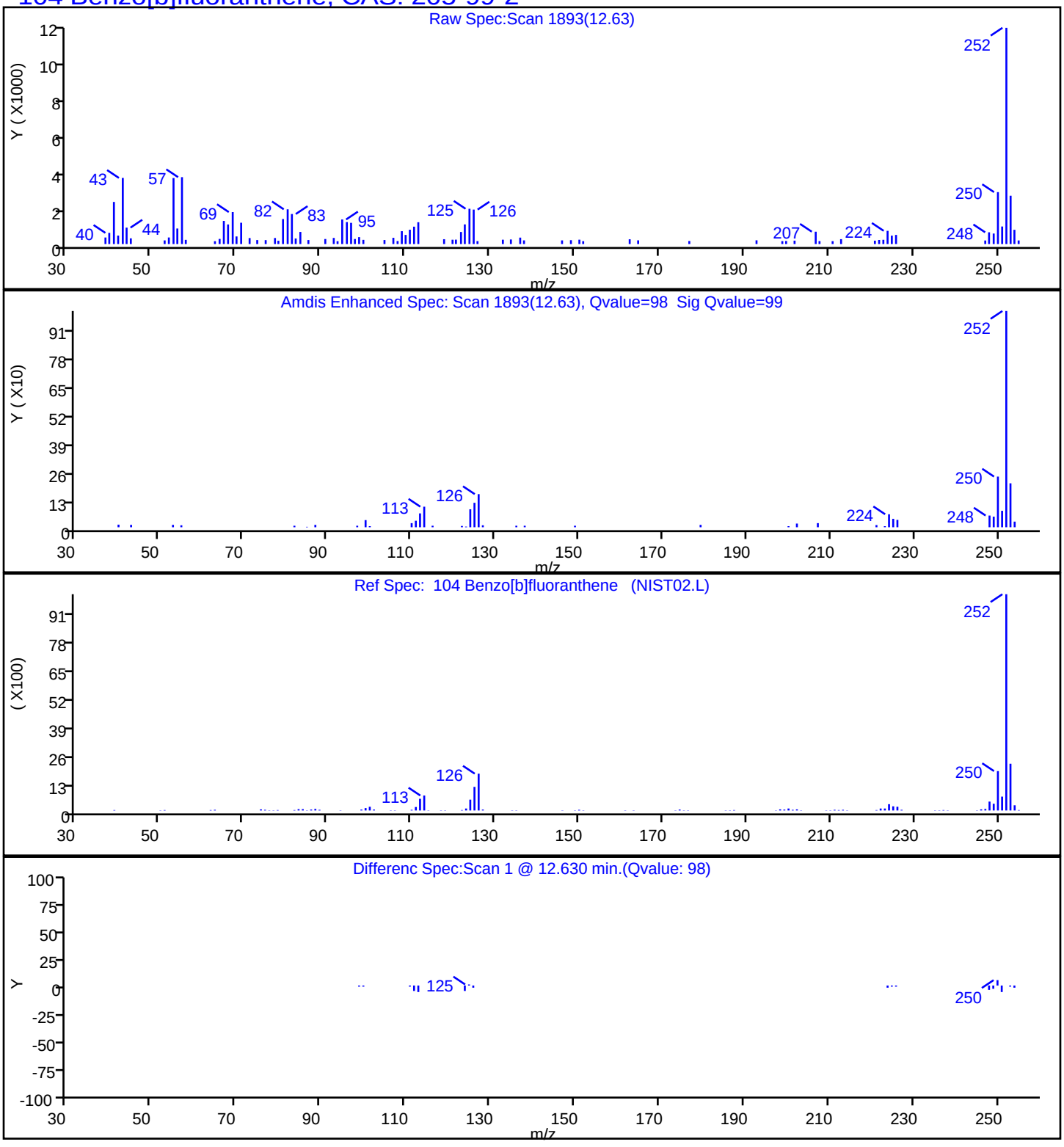
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

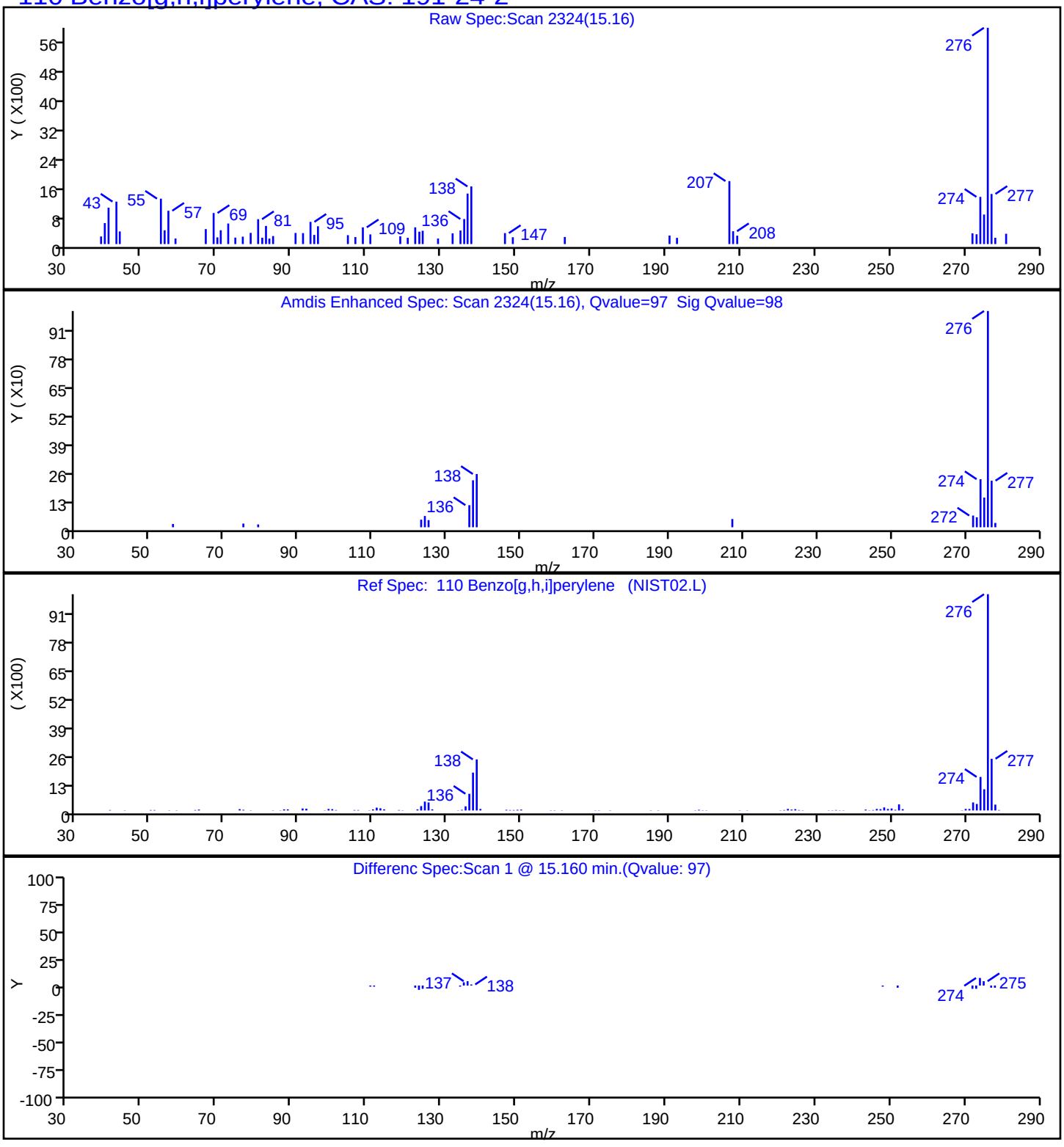
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

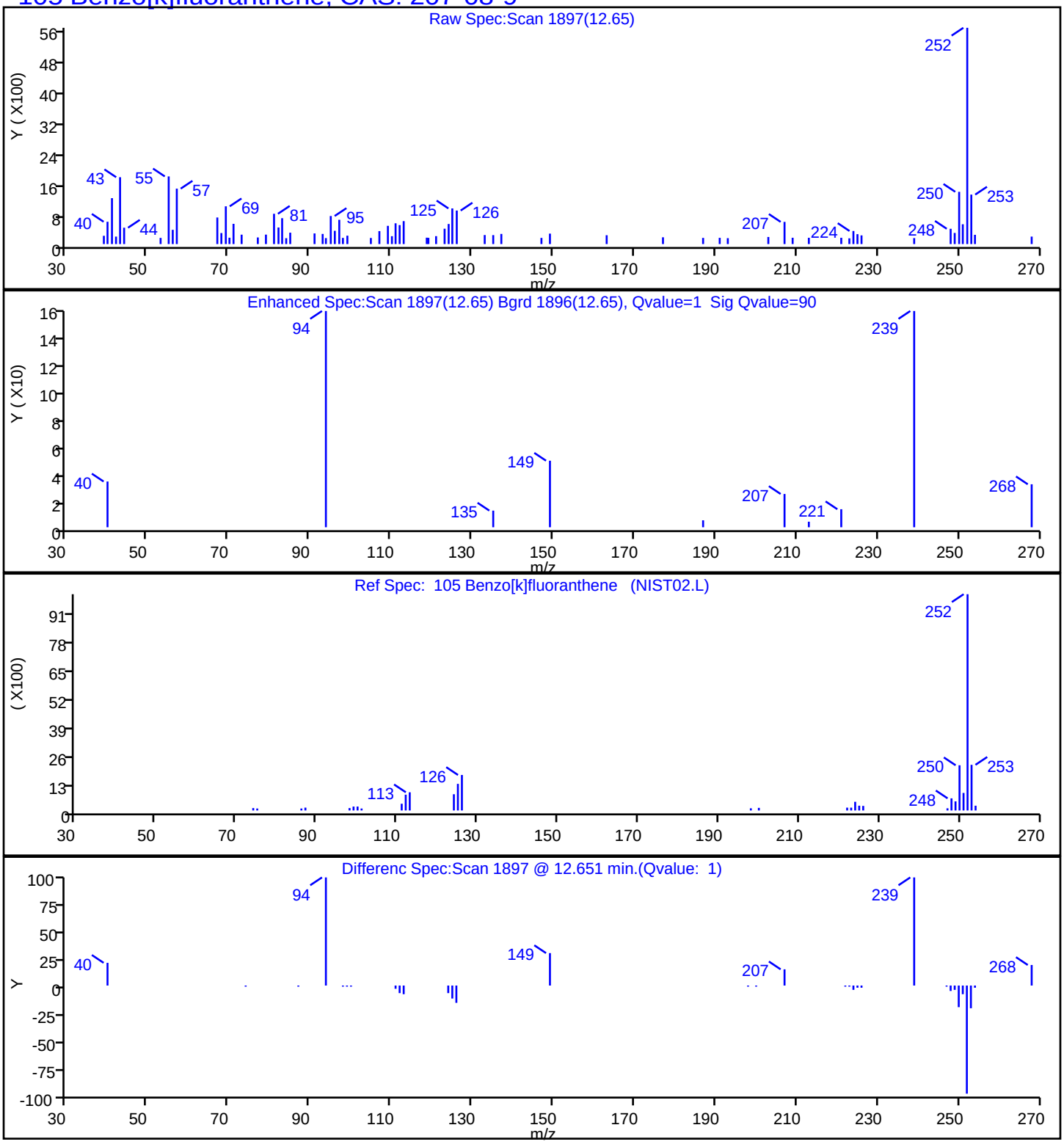
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

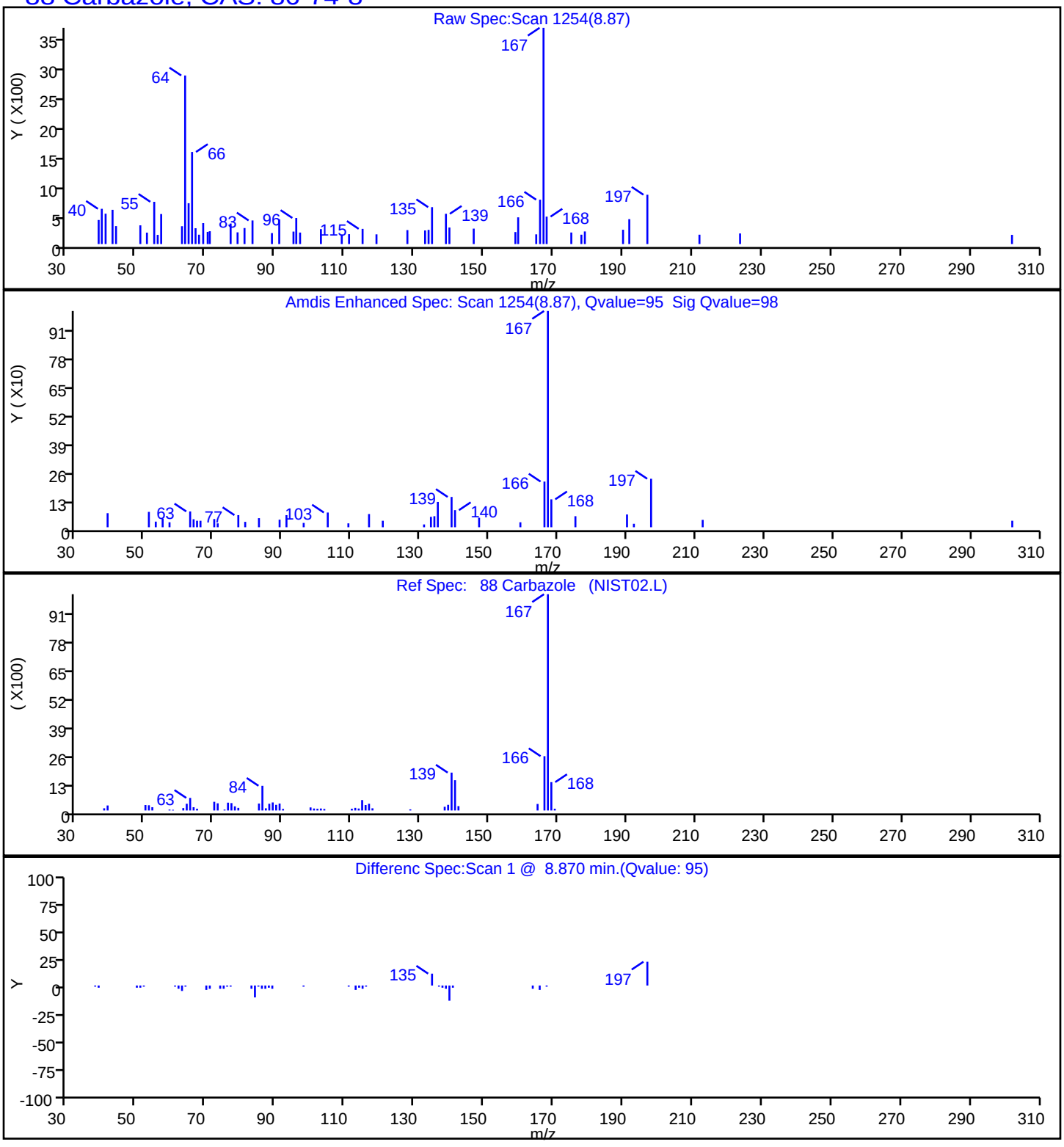
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Carbazole, CAS: 86-74-8

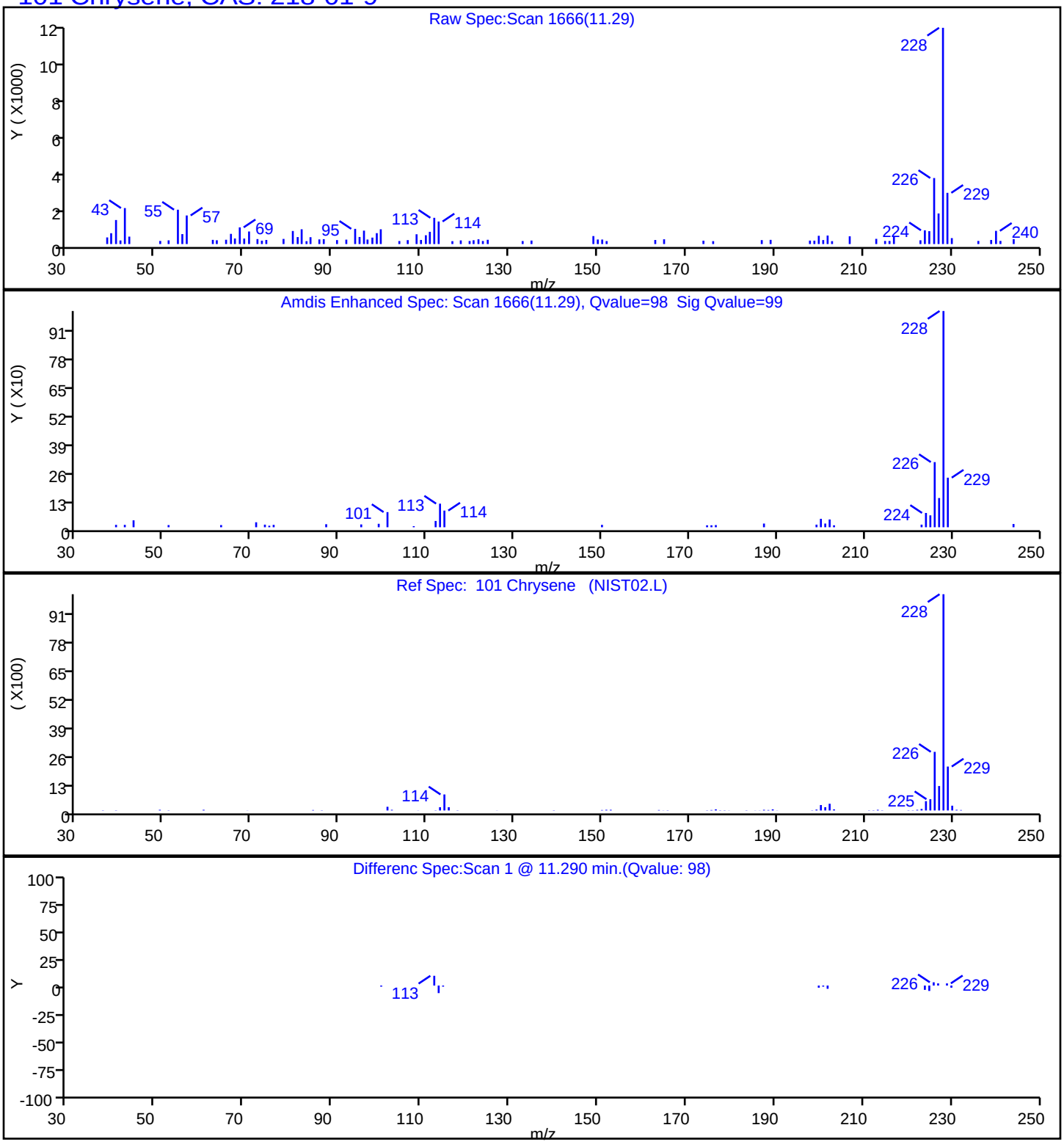


Report Date: 28-Aug-2020 09:28:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

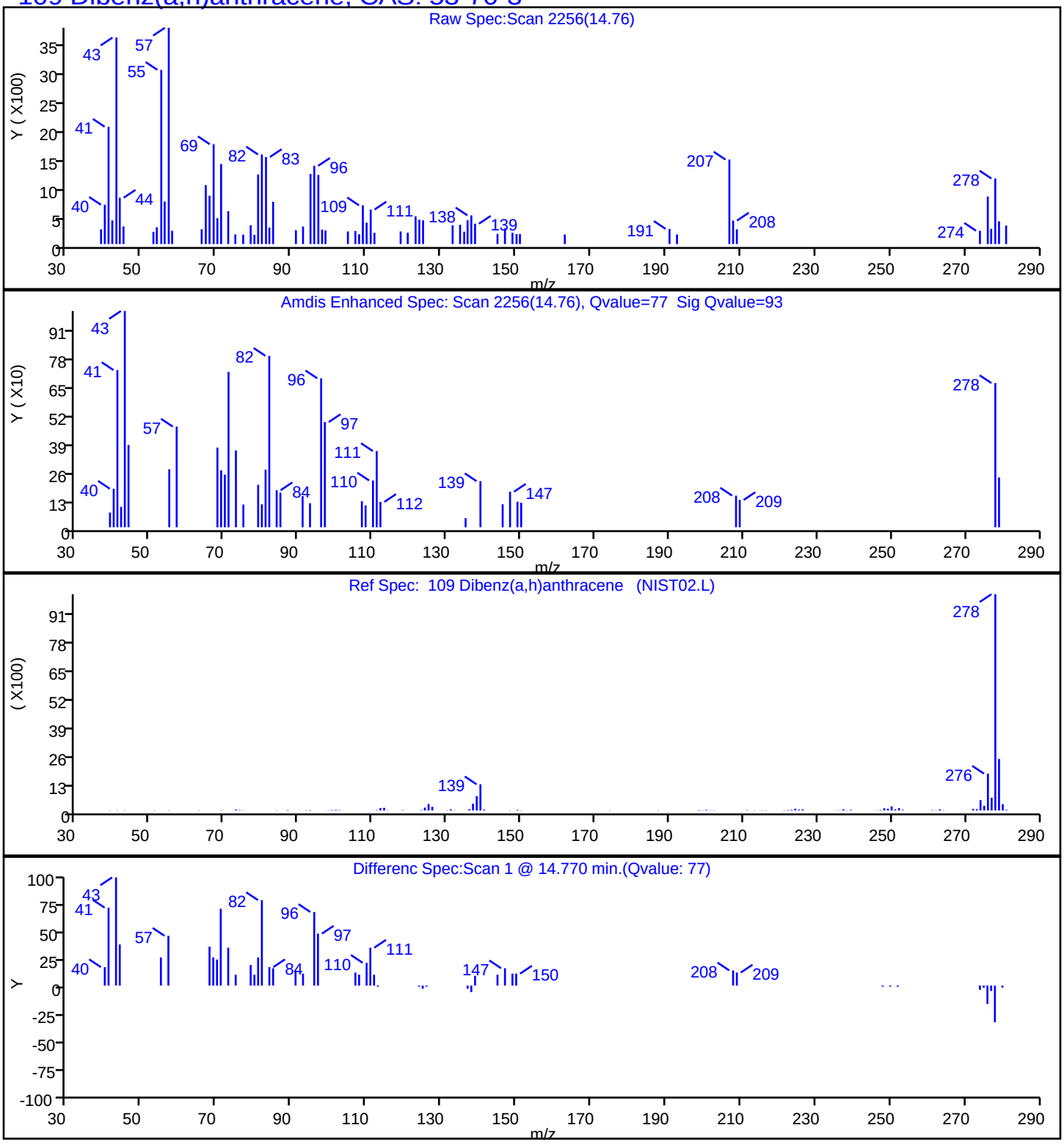


Report Date: 28-Aug-2020 09:28:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

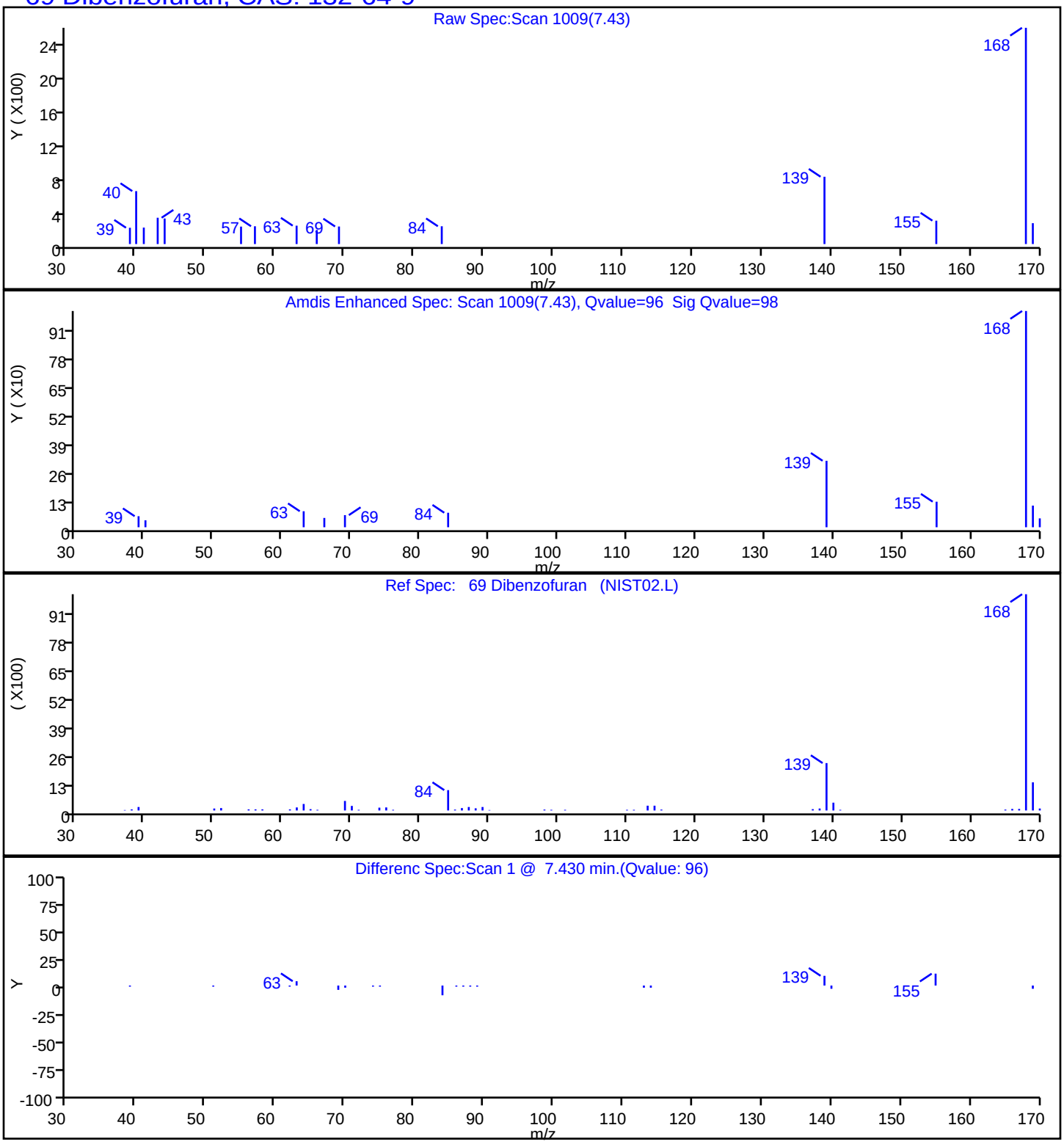


Report Date: 28-Aug-2020 09:28:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 Dibenzofuran, CAS: 132-64-9

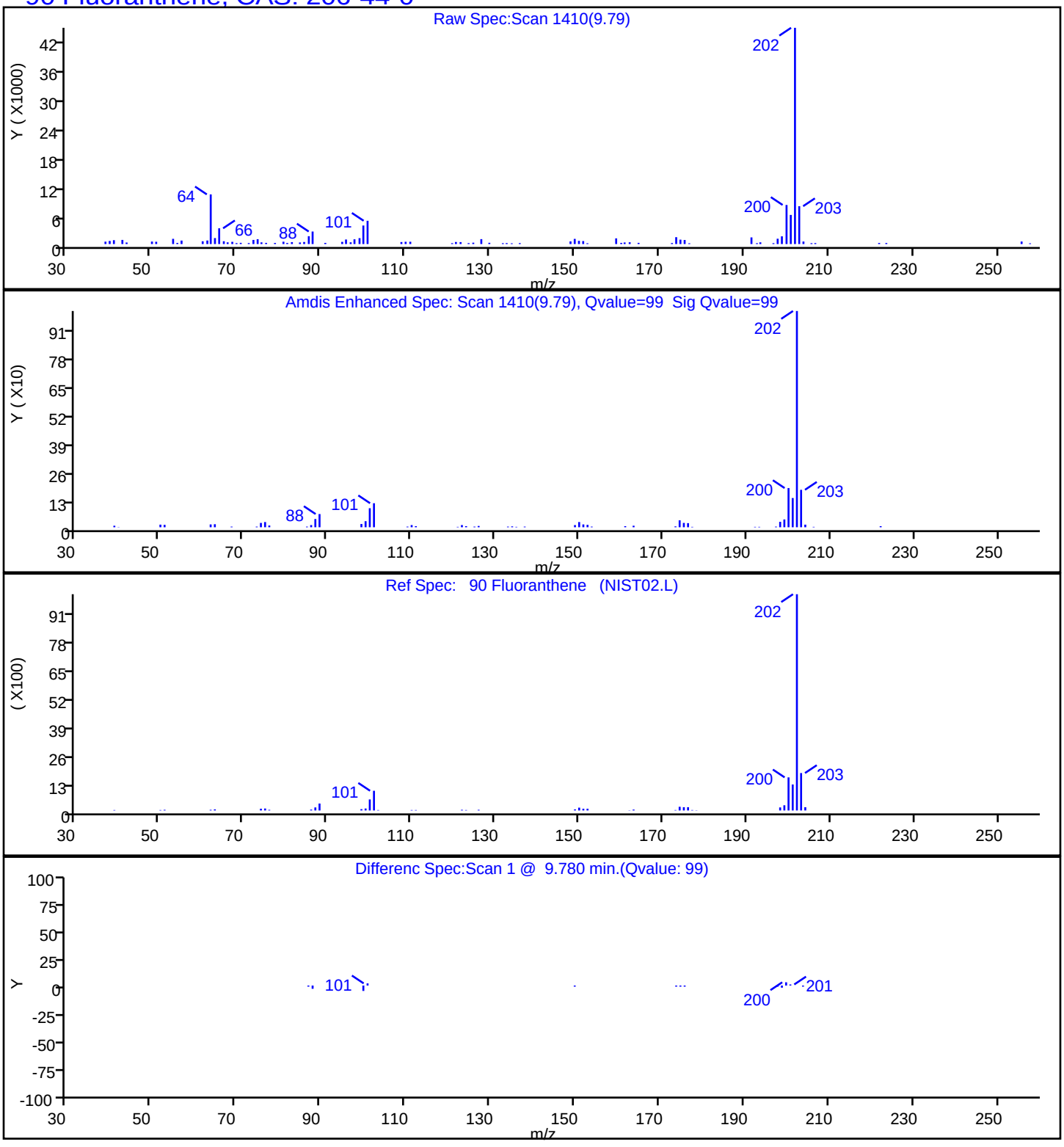


Report Date: 28-Aug-2020 09:28:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

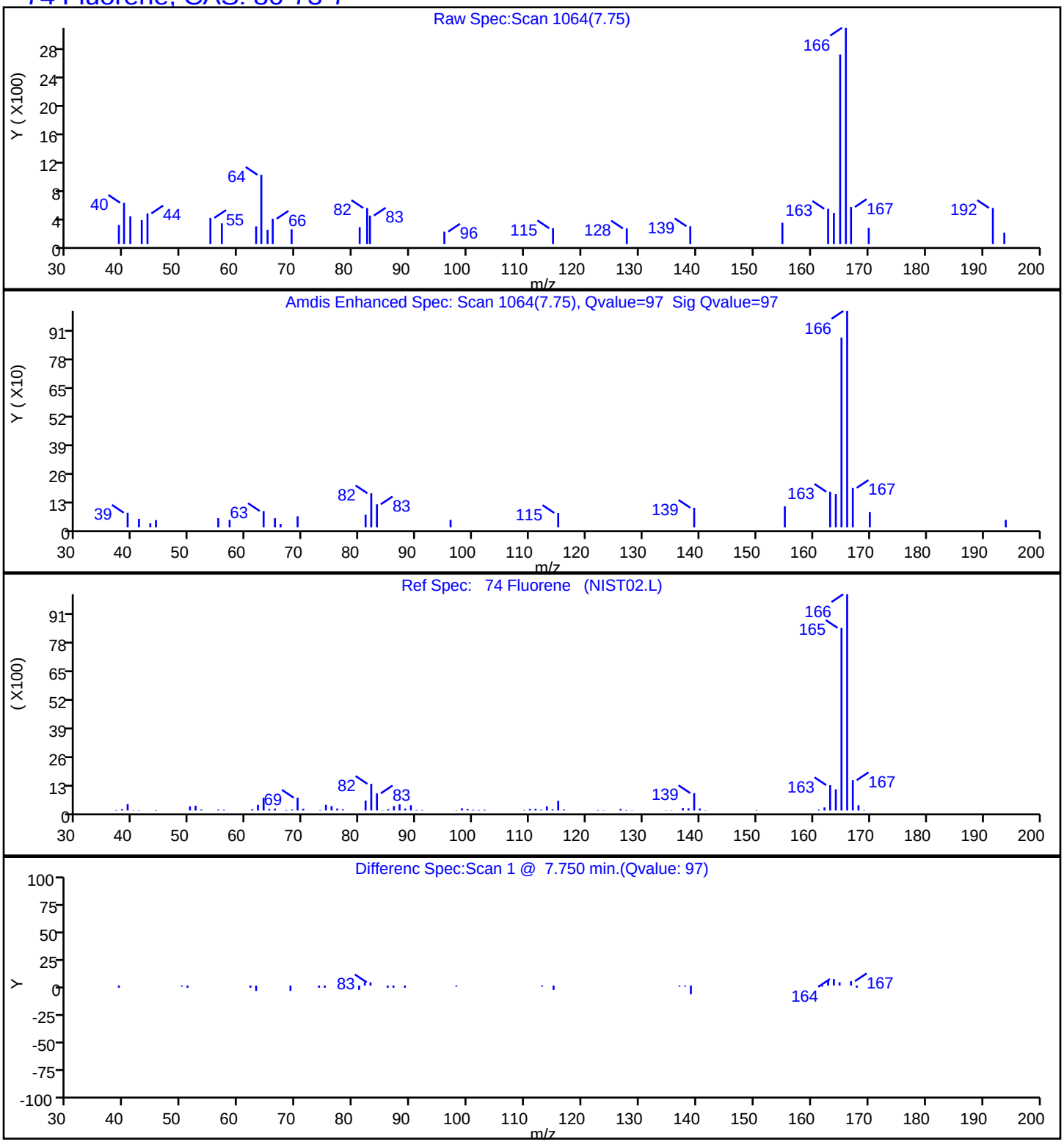
90 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

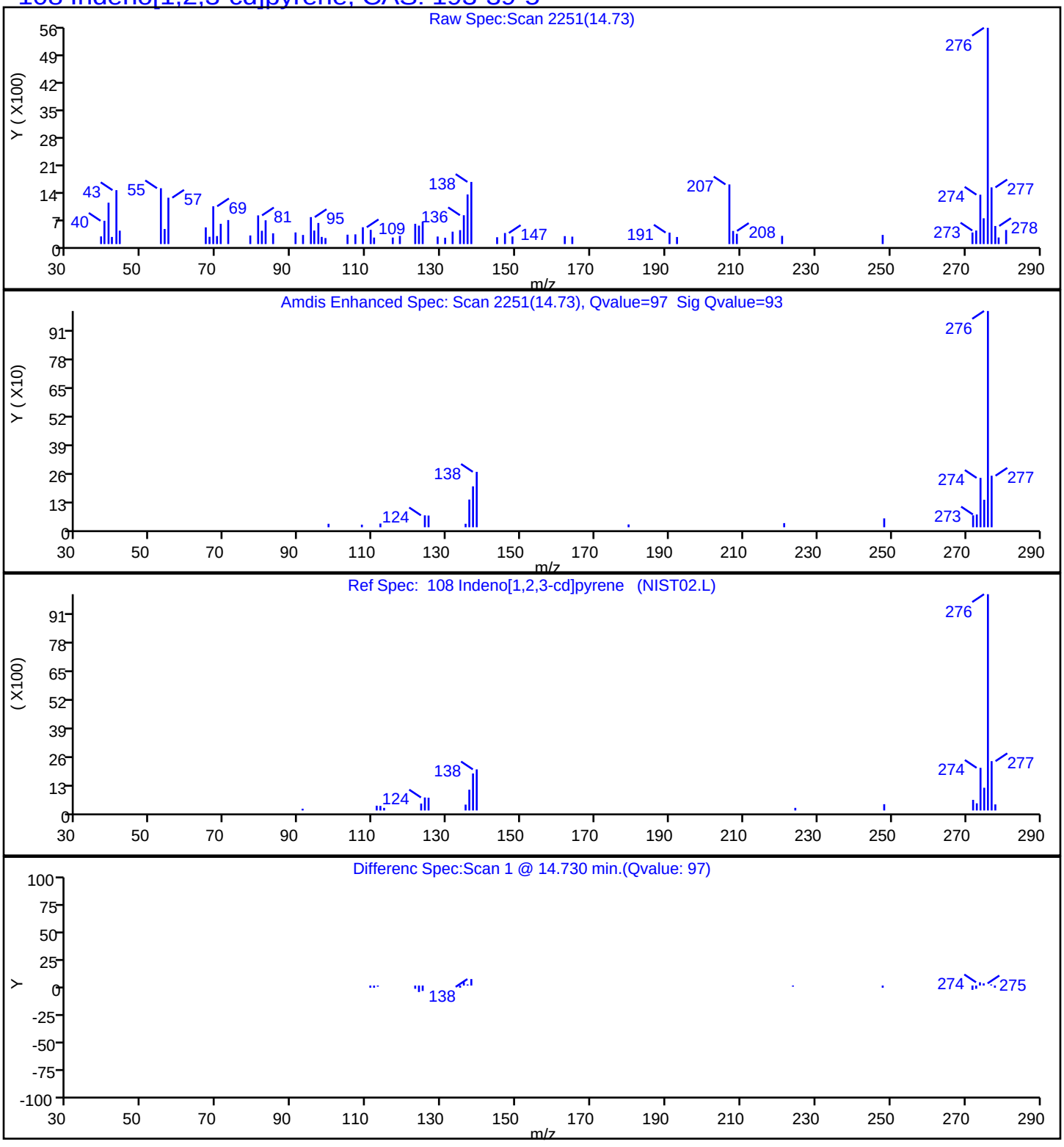
74 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

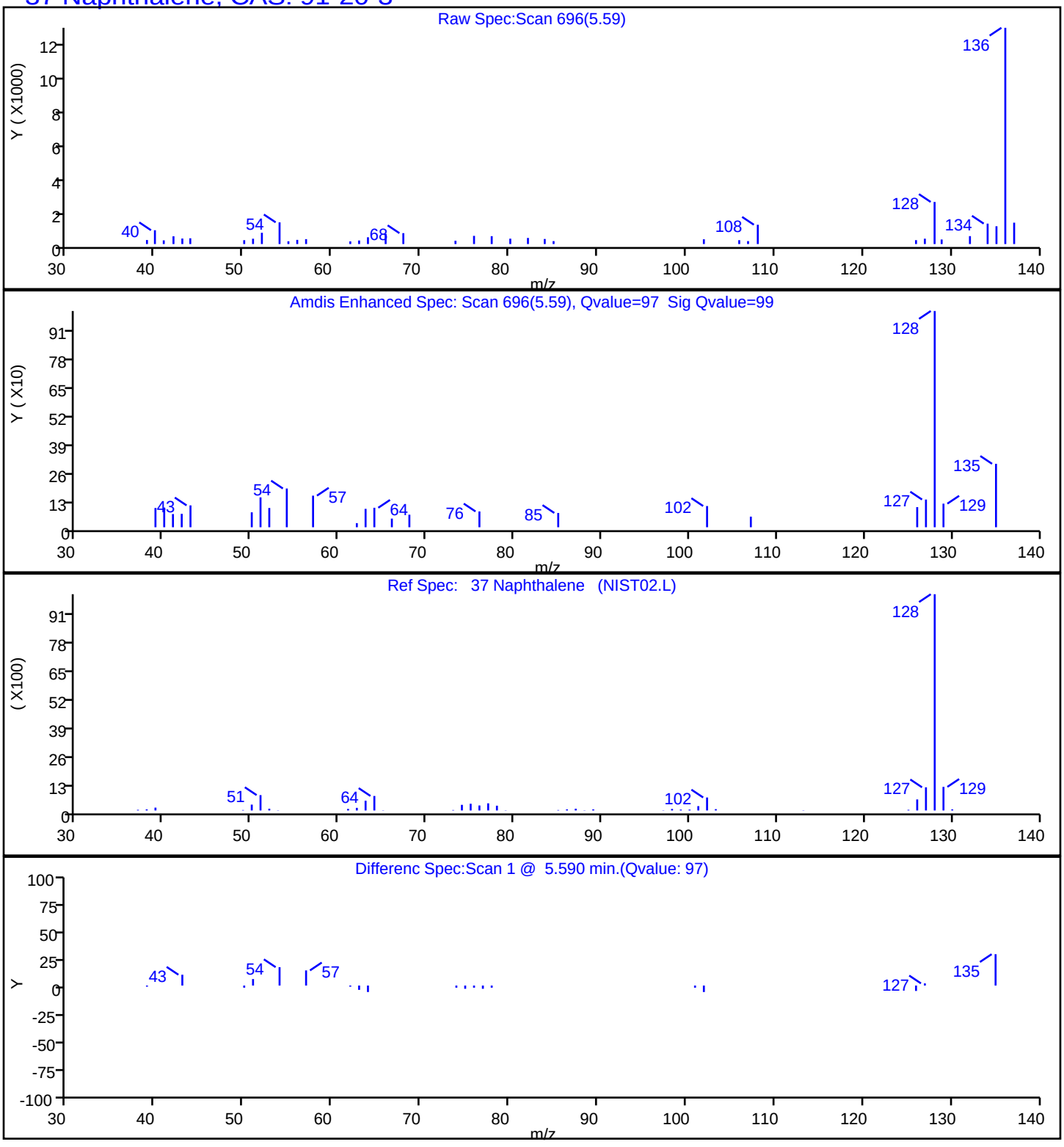
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

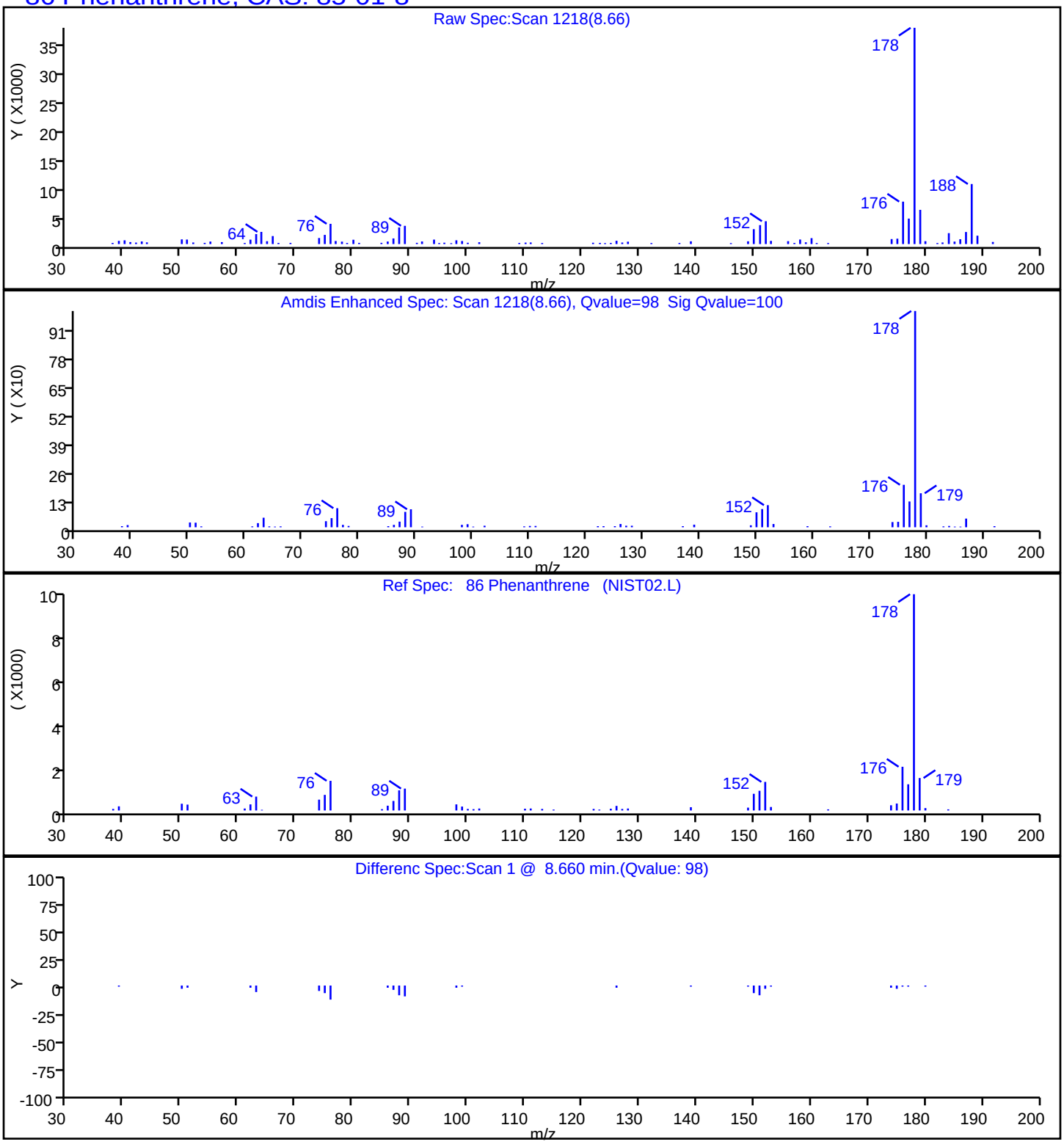
37 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

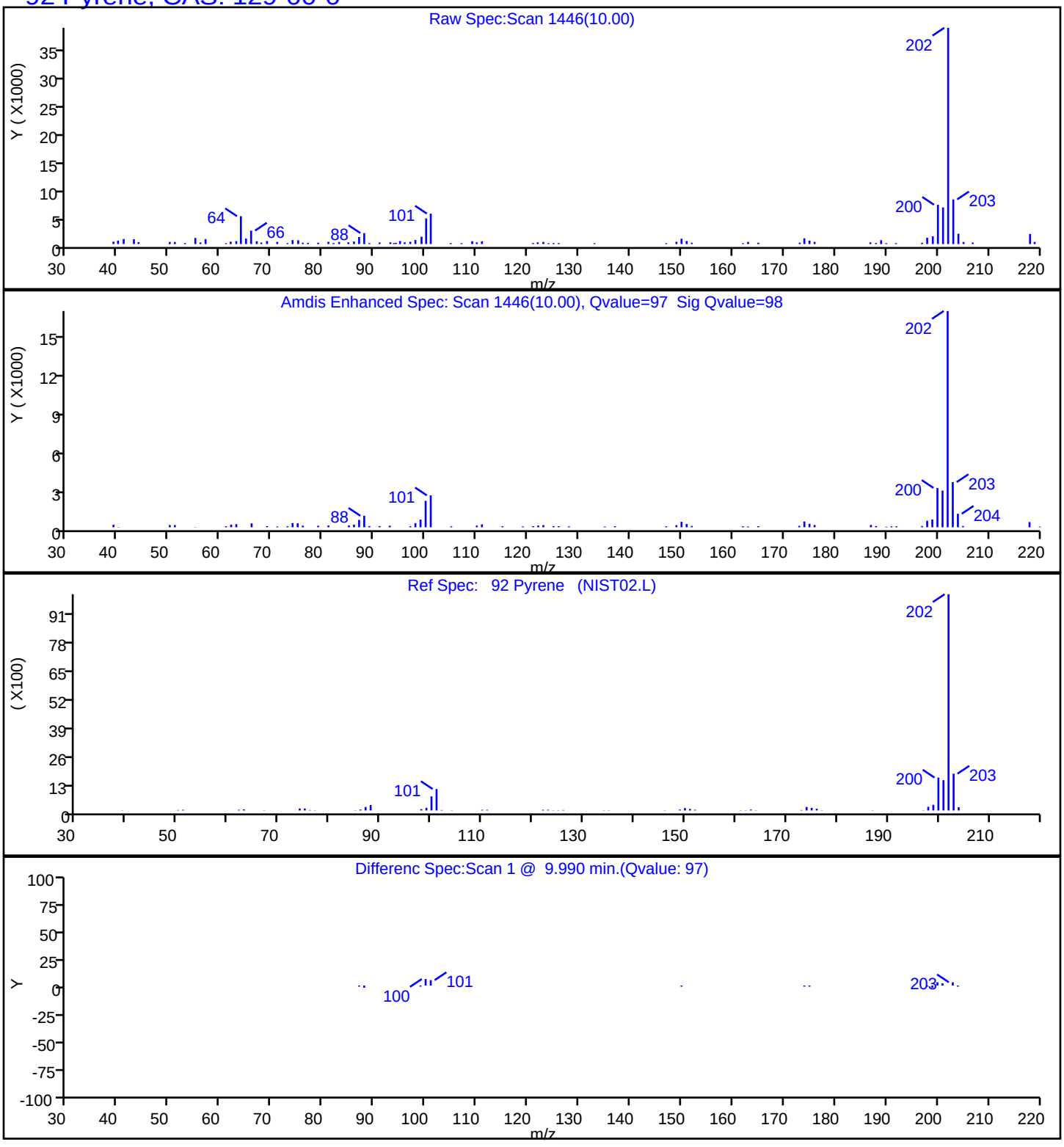
86 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



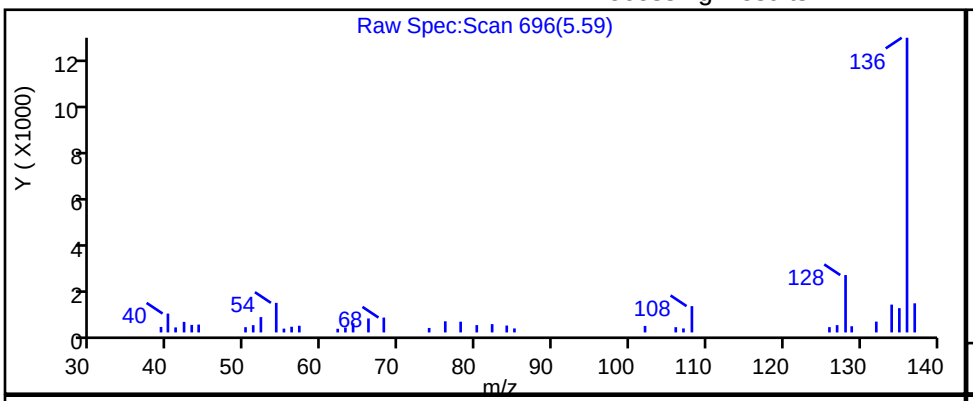
User Disabled Compound Report

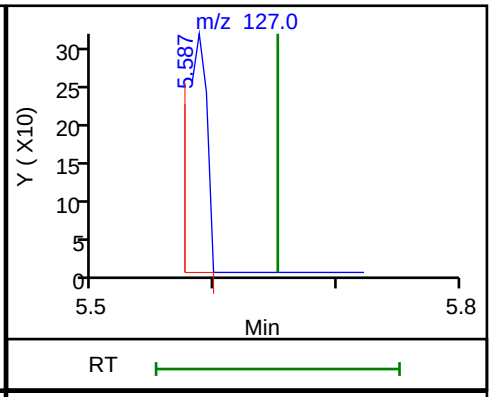
Eurofins TestAmerica, Edison

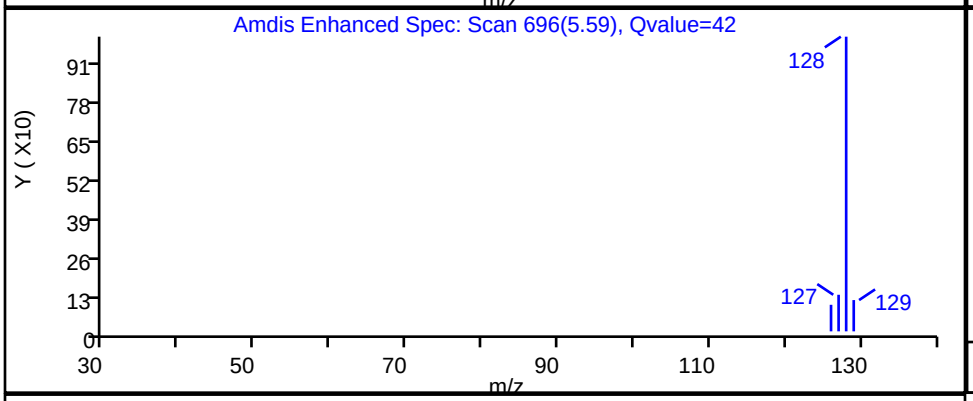
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

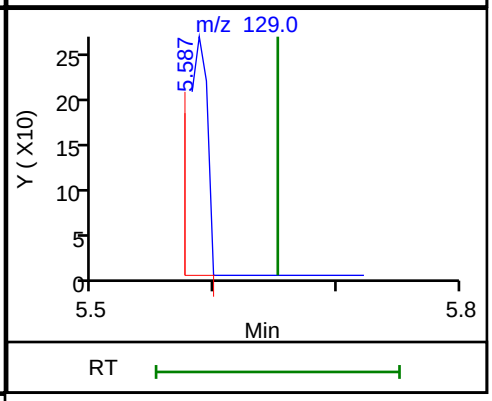
38 4-Chloroaniline, CAS: 106-47-8

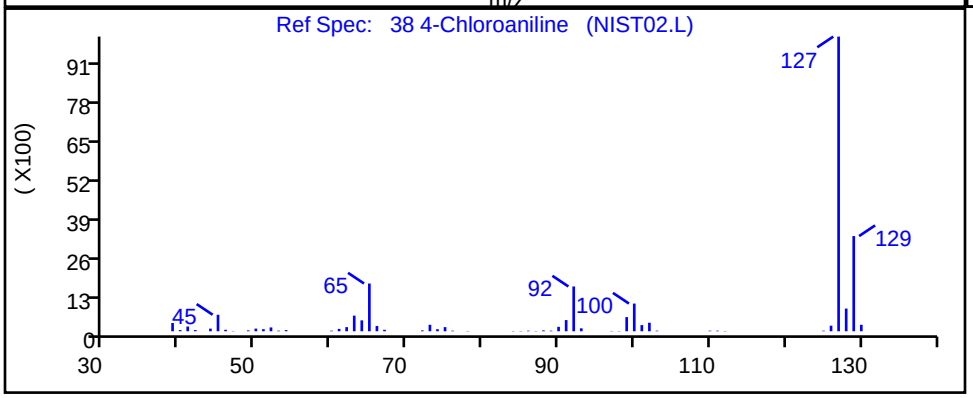
Processing Results











RT	Mass	Response	Amount
5.59	127.00	280	0.064574
5.59	129.00	241	

Reviewer: khlungprakhons, 28-Aug-2020 12:25:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

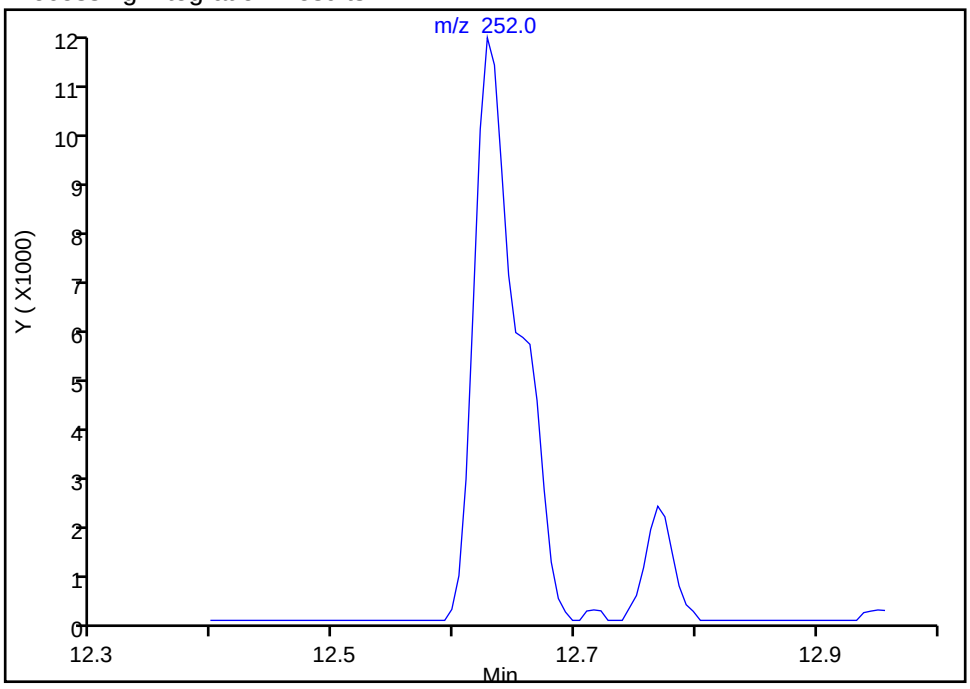
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

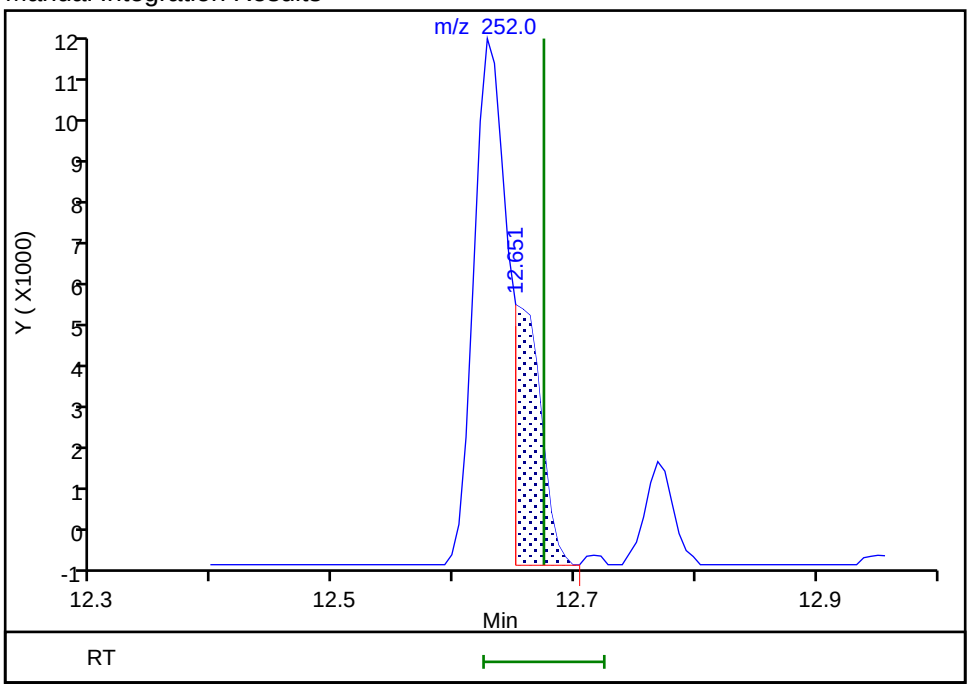
Not Detected
Expected RT: 12.67

Processing Integration Results



Manual Integration Results

RT: 12.65
Area: 8985
Amount: 1.157223
Amount Units: ug/ml



Reviewer: khlungprakhons, 28-Aug-2020 12:26:20
Audit Action: Manually Integrated Audit Reason: Assign Peak

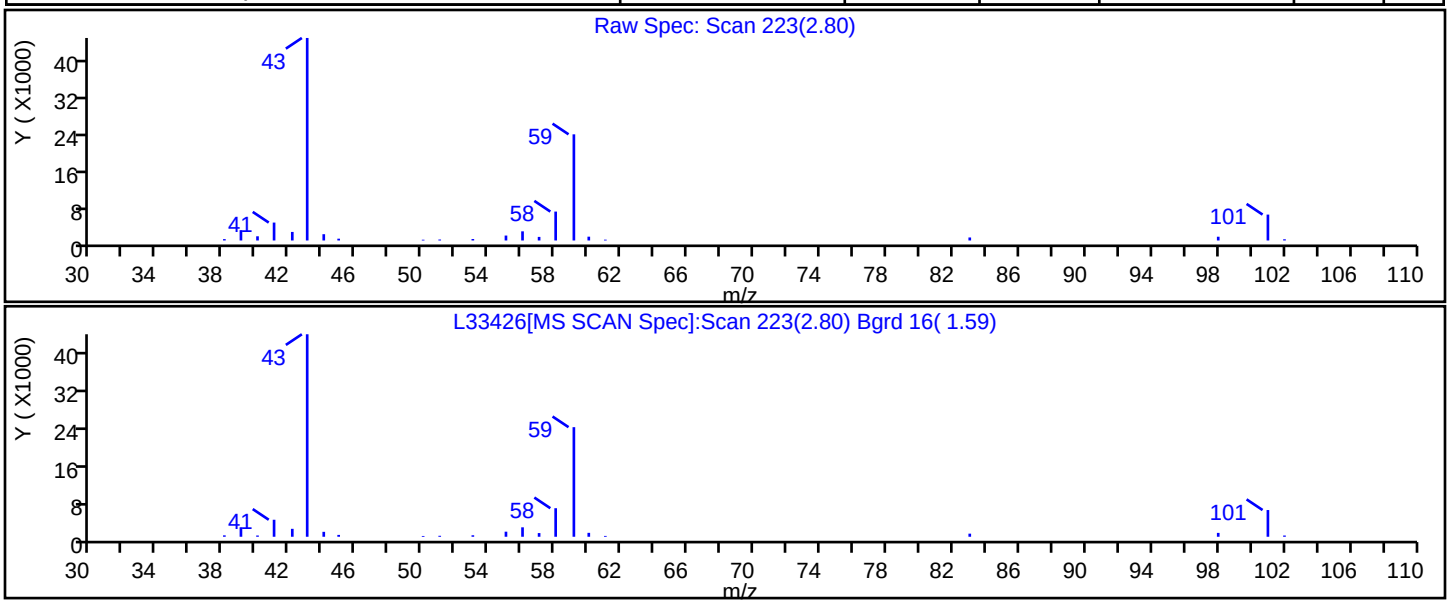
Report Date: 28-Aug-2020 09:28:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d

Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

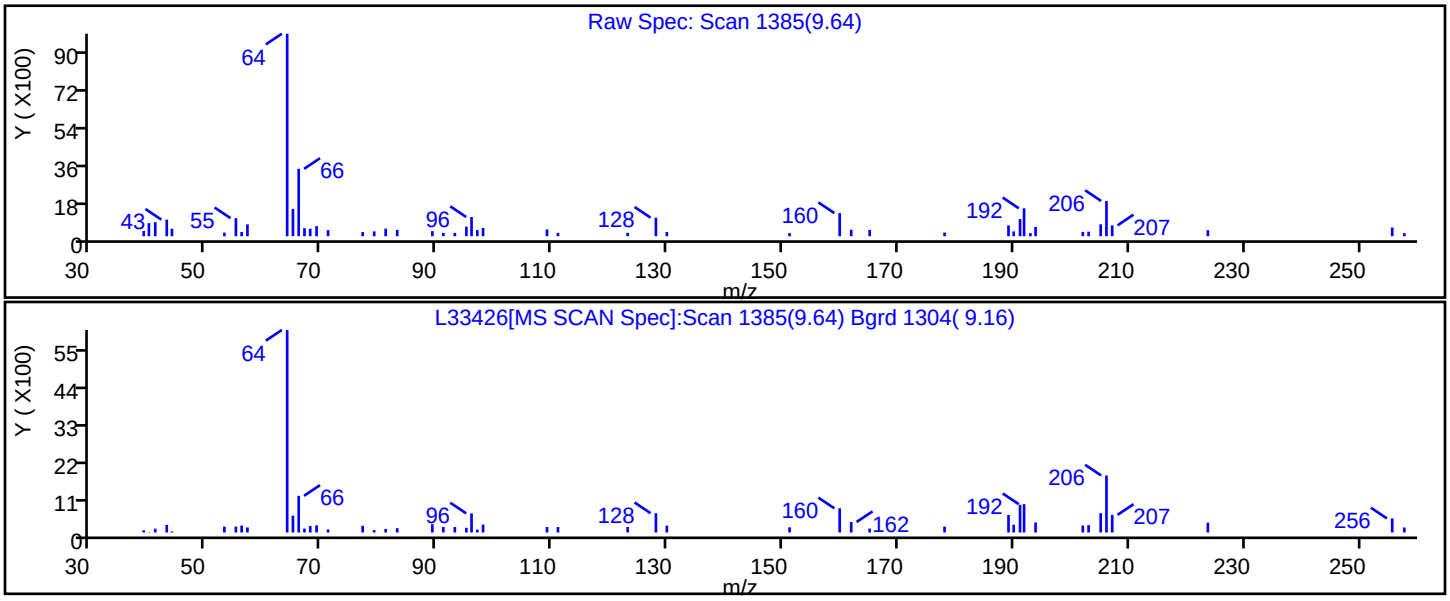


Report Date: 28-Aug-2020 09:28:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33426.d				
Injection Date:	27-Aug-2020 23:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-5-B	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: L33422.d

Analysis Method: 8270D Date Collected: 08/25/2020 13:55

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 21:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	0.033	0.0086
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.33	0.0057
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0092	U	0.10	0.0092
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.33	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.33	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.33	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.33	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.13	0.051
99-09-2	3-Nitroaniline	0.038	U	0.33	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.0035	U	0.33	0.0035
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0089	U *	0.033	0.0089
205-99-2	Benzo[b]fluoranthene	0.0087	U	0.033	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.33	0.0099
207-08-9	Benzo[k]fluoranthene	0.0066	U	0.033	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.33	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0057	U	0.33	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U *	0.033	0.015
132-64-9	Dibenzofuran	0.0047	U	0.33	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.33	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: L33422.d

Analysis Method: 8270D Date Collected: 08/25/2020 13:55

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 21:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.076	U	0.33	0.076
84-74-2	Di-n-butyl phthalate	0.059	U	0.33	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0071	U	0.068	0.0071
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.012	U	0.033	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U *	0.033	0.013
78-59-1	Isophorone	0.097	U	0.13	0.097
91-20-3	Naphthalene	0.0058	U	0.33	0.0058
98-95-3	Nitrobenzene	0.0080	U	0.033	0.0080
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.33	0.0064
85-01-8	Phenanthrene	0.0059	U	0.33	0.0059
129-00-0	Pyrene	0.0083	U	0.33	0.0083

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	75		19-105
1718-51-0	Terphenyl-d14 (Surr)	82		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: L33422.d

Analysis Method: 8270D Date Collected: 08/25/2020 13:55

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 21:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 6.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.80	6.5	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33422.d
Lims ID: 460-216817-E-6-B
Client ID: SB-08_2-4_20200825
Sample Type: Client
Inject. Date: 27-Aug-2020 21:58:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-008
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 12:22:49 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:22:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	97	102170	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	96	132716	37.3	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	369309	40.0	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	255215	35.3	
* 63 Acenaphthene-d10	164	7.233	7.239	-0.006	97	187469	40.0	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	350307	40.0	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	282368	41.0	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	266403	40.0	
* 107 Perylene-d12	264	13.157	13.168	-0.011	98	253303	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33422.d				
Lims ID:	460-216817-E-6-B				
Client ID:	SB-08_2-4_20200825				
Sample Type:	Client				
Inject. Date:	27-Aug-2020 21:58:30	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115878-008				
Operator ID:		Instrument ID:	CBNAMS12		
Method:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	28-Aug-2020 12:22:49	Calib Date:	29-Jul-2020 16:20:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1023				
First Level Reviewer: khlungprakhons		Date:	28-Aug-2020 12:22:49		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.804	1492985	96.7	13	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.357	617304	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

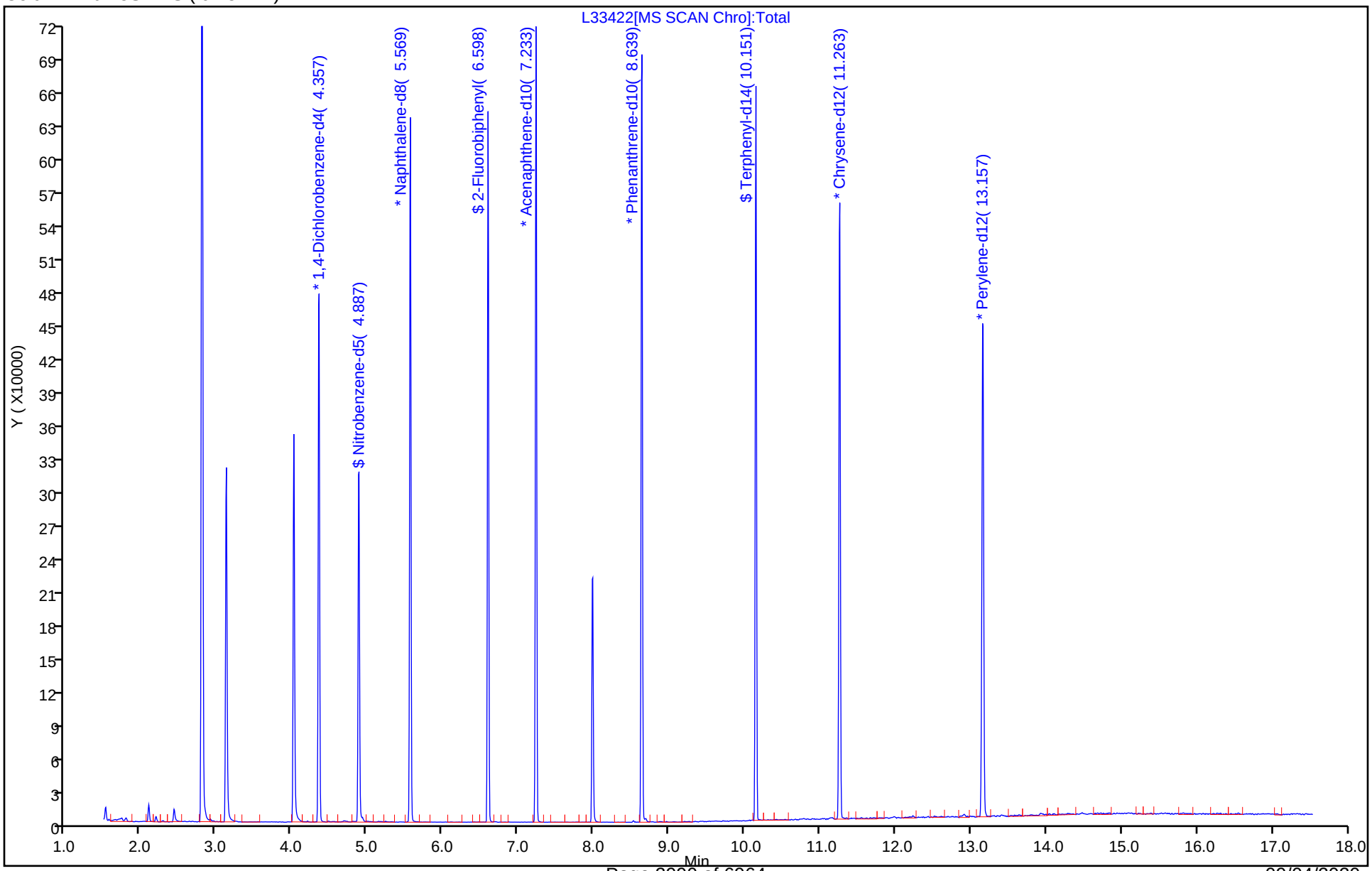
Report Date: 28-Aug-2020 12:22:50 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33422.d

Injection Date:	27-Aug-2020 21:58:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216817-E-6-B	Lab Sample ID:	460-216817-6	Worklist Smp#:	8
Client ID:	SB-08_2-4_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



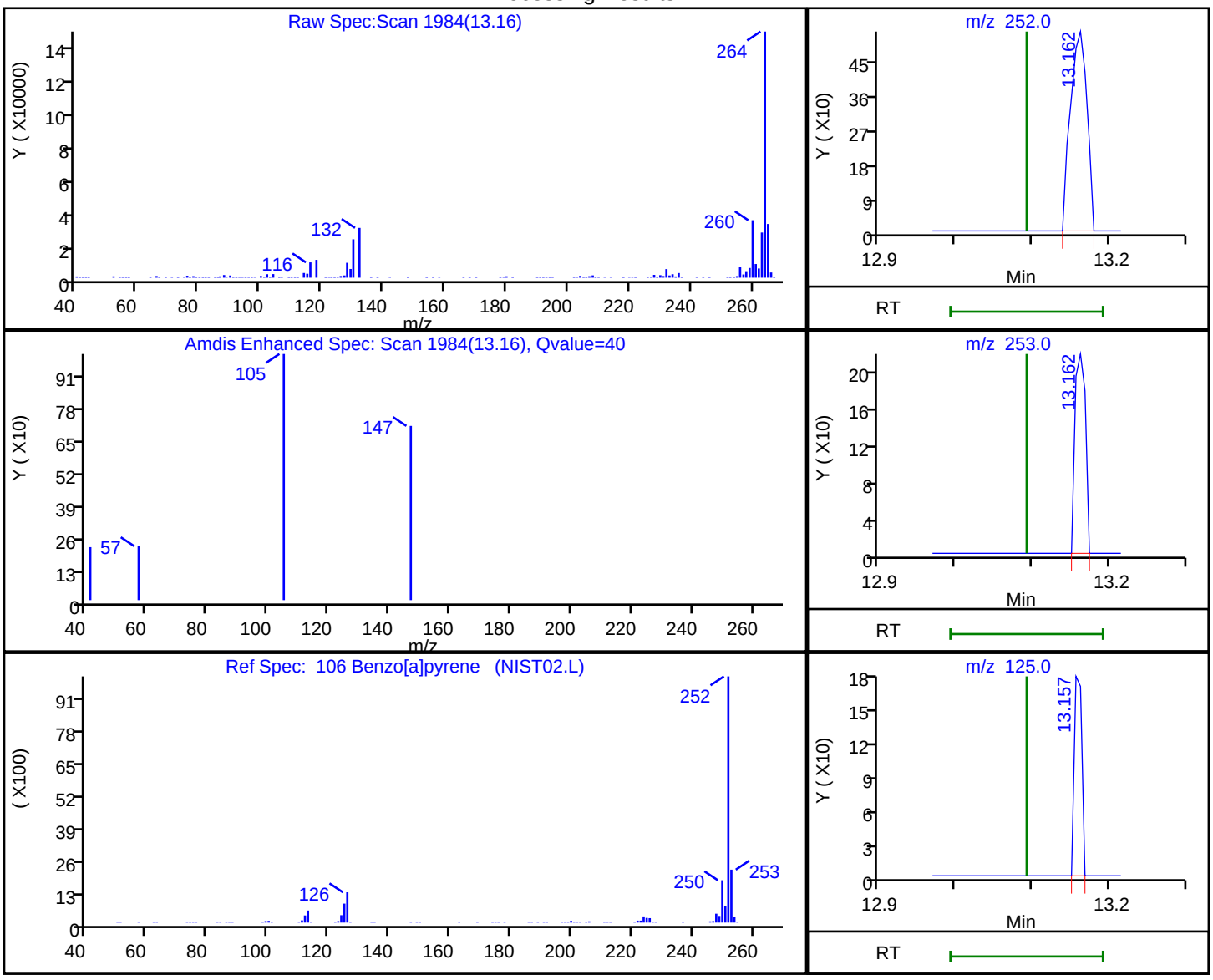
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33422.d				
Injection Date:	27-Aug-2020 21:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216817-E-6-B	Lab Sample ID:	460-216817-6		
Client ID:	SB-08_2-4_20200825				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.16	252.00	792	0.120236
13.16	253.00	206	
13.16	125.00	124	

Reviewer: khlungprakhons, 28-Aug-2020 12:20:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 28-Aug-2020 12:22:50 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33422.d

Injection Date: 27-Aug-2020 21:58:30 Instrument ID: CBNAMS12

Lims ID: 460-216817-E-6-B Lab Sample ID: 460-216817-6

Client ID: SB-08_2-4_20200825

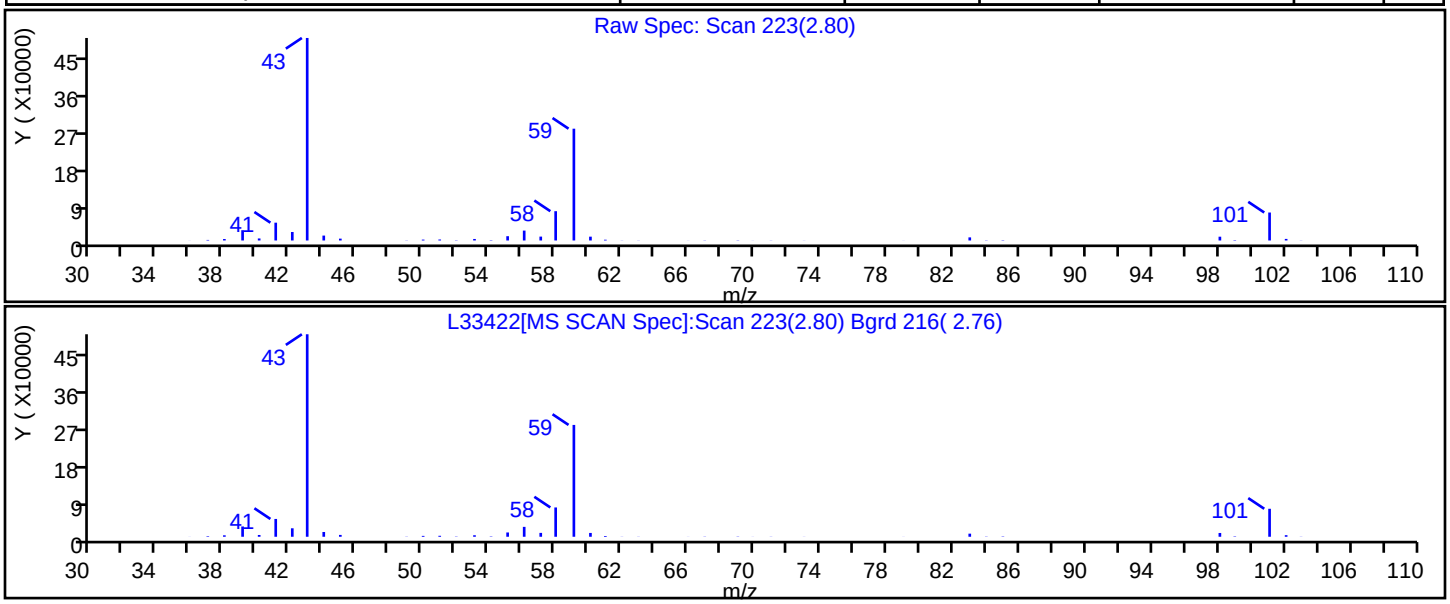
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: X28658.d

Analysis Method: 8270D Date Collected: 08/26/2020 08:45

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 0.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	0.033	0.0086
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.33	0.0057
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0092	U	0.10	0.0092
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.038	U	0.33	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.0035	U	0.33	0.0035
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0089	U	0.033	0.0089
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.33	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0056	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.0047	U	0.33	0.0047
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: X28658.d

Analysis Method: 8270D Date Collected: 08/26/2020 08:45

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 0.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.076	U	0.33	0.076
84-74-2	Di-n-butyl phthalate	0.059	U	0.33	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0071	U	0.068	0.0071
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.097	U	0.13	0.097
91-20-3	Naphthalene	0.0058	U	0.33	0.0058
98-95-3	Nitrobenzene	0.0080	U	0.033	0.0080
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.33	0.0064
85-01-8	Phenanthrene	0.0059	U	0.33	0.0059
129-00-0	Pyrene	0.0083	U	0.33	0.0083

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	59		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	56		19-105
1718-51-0	Terphenyl-d14 (Surr)	65		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: X28658.d

Analysis Method: 8270D Date Collected: 08/26/2020 08:45

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 0.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 4.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.03	4.1	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28658.d
Lims ID: 460-216927-E-1-E
Client ID: SB-15_0-2_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 21:03:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115925-029
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:11:33 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 28-Aug-2020 21:52:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.563	4.563	0.000	96	27202	40.0	
$ 26 Nitrobenzene-d5	82	5.081	5.087	-0.006	92	23880	28.1	
* 38 Naphthalene-d8	136	5.769	5.769	0.000	98	108742	40.0	
$ 51 2-Fluorobiphenyl	172	6.787	6.792	-0.005	97	55499	29.6	
* 65 Acenaphthene-d10	164	7.428	7.428	0.000	95	51160	40.0	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	89427	40.0	
$ 96 Terphenyl-d14	244	10.333	10.333	0.000	98	64086	32.4	
* 102 Chrysene-d12	240	11.469	11.474	-0.005	99	76403	40.0	
* 109 Perylene-d12	264	13.410	13.404	0.006	98	82662	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28658.d				
Lims ID:	460-216927-E-1-E				
Client ID:	SB-15_0-2_20200826				
Sample Type:	Client				
Inject. Date:	28-Aug-2020 21:03:30	ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115925-029				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:11:33	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	28-Aug-2020 21:52:58		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
3.028	251080	61.3	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.563	163821	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

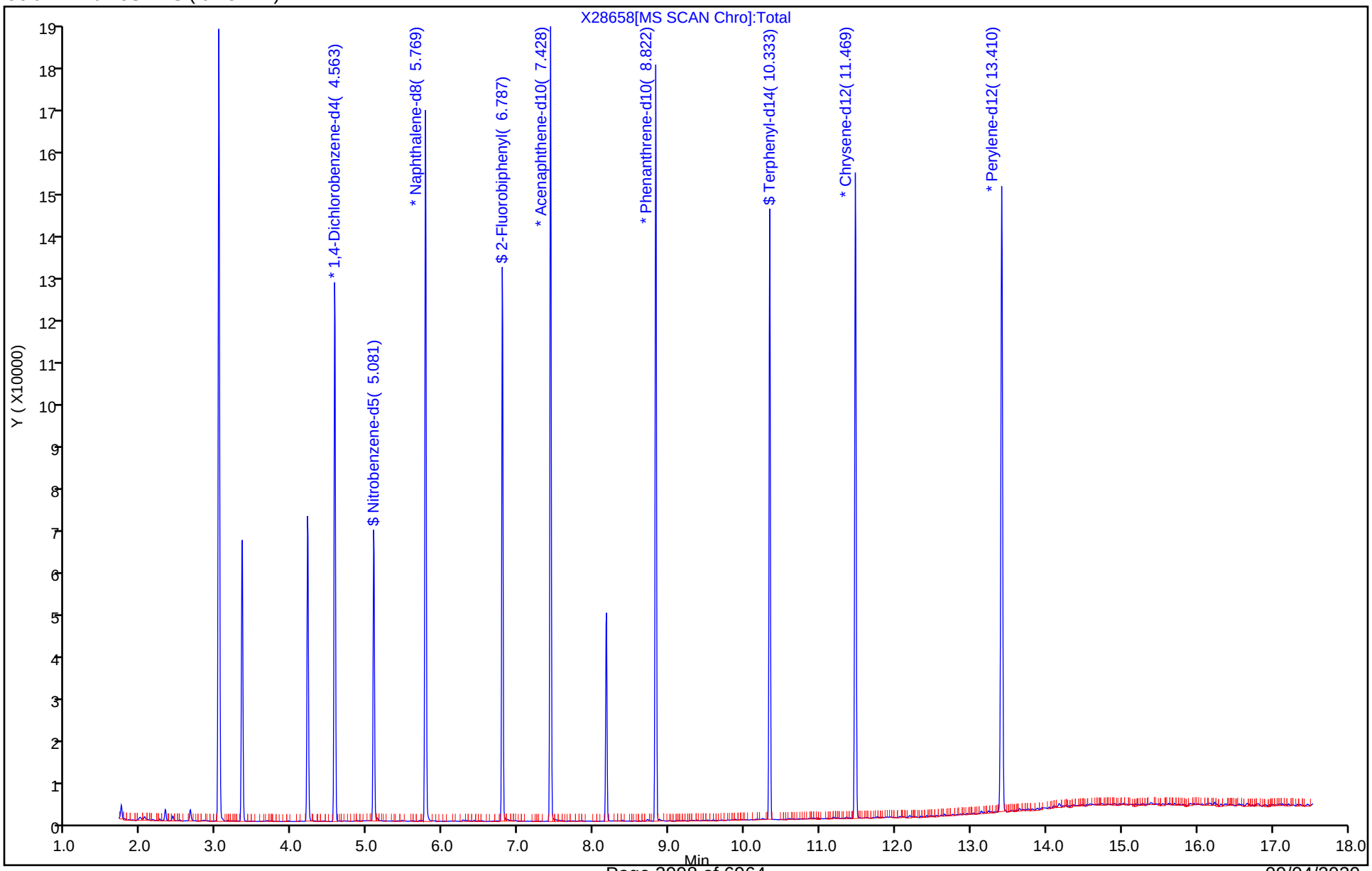
Report Date: 31-Aug-2020 11:13:25 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28658.d

Injection Date:	28-Aug-2020 21:03:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-216927-E-1-E	Lab Sample ID:	460-216927-1	Worklist Smp#:	29
Client ID:	SB-15_0-2_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



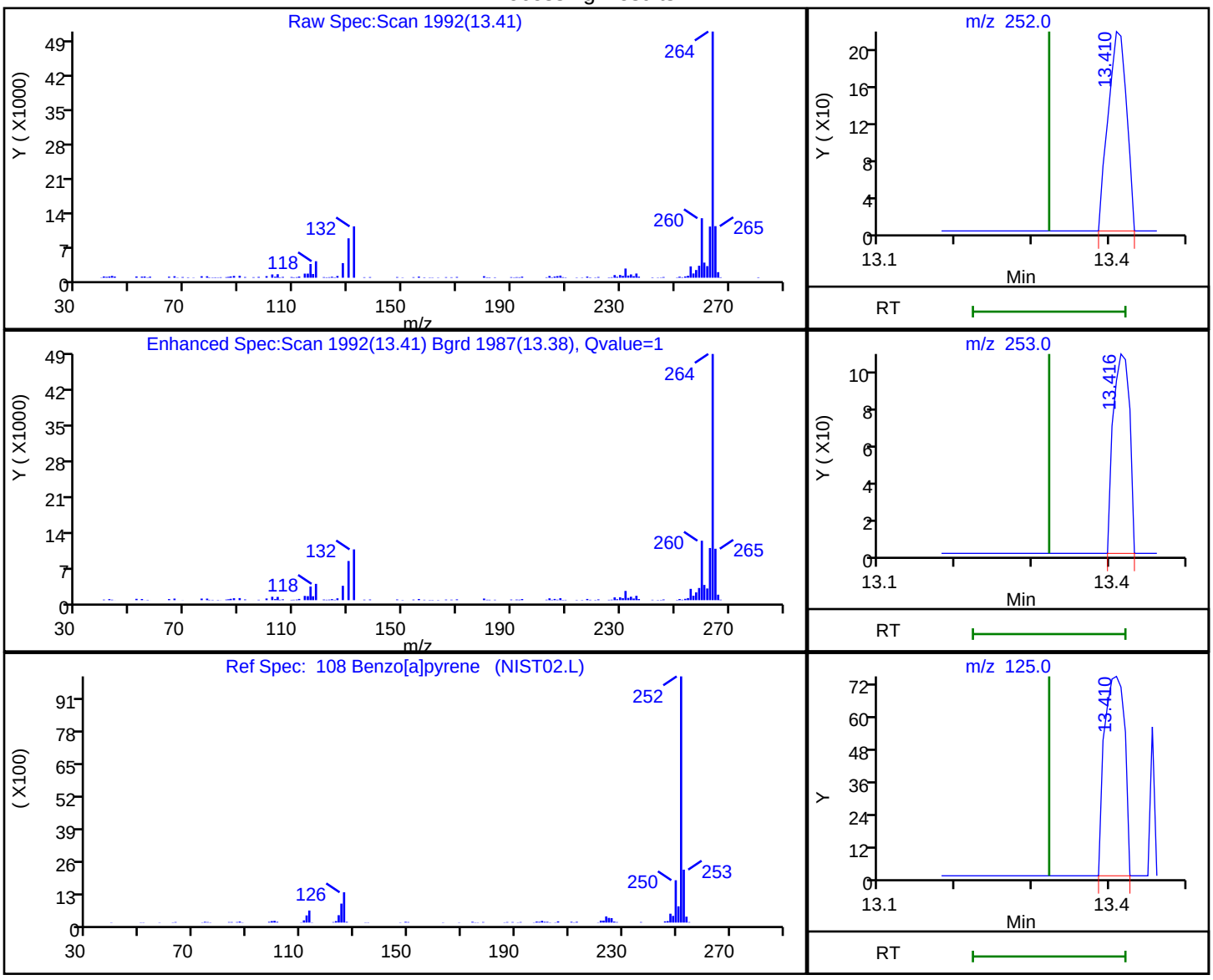
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28658.d				
Injection Date:	28-Aug-2020 21:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-1-E	Lab Sample ID:	460-216927-1		
Client ID:	SB-15_0-2_20200826				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.41	252.00	357	0.164472
13.42	253.00	156	
13.41	125.00	137	

Reviewer: hamziy, 28-Aug-2020 21:52:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

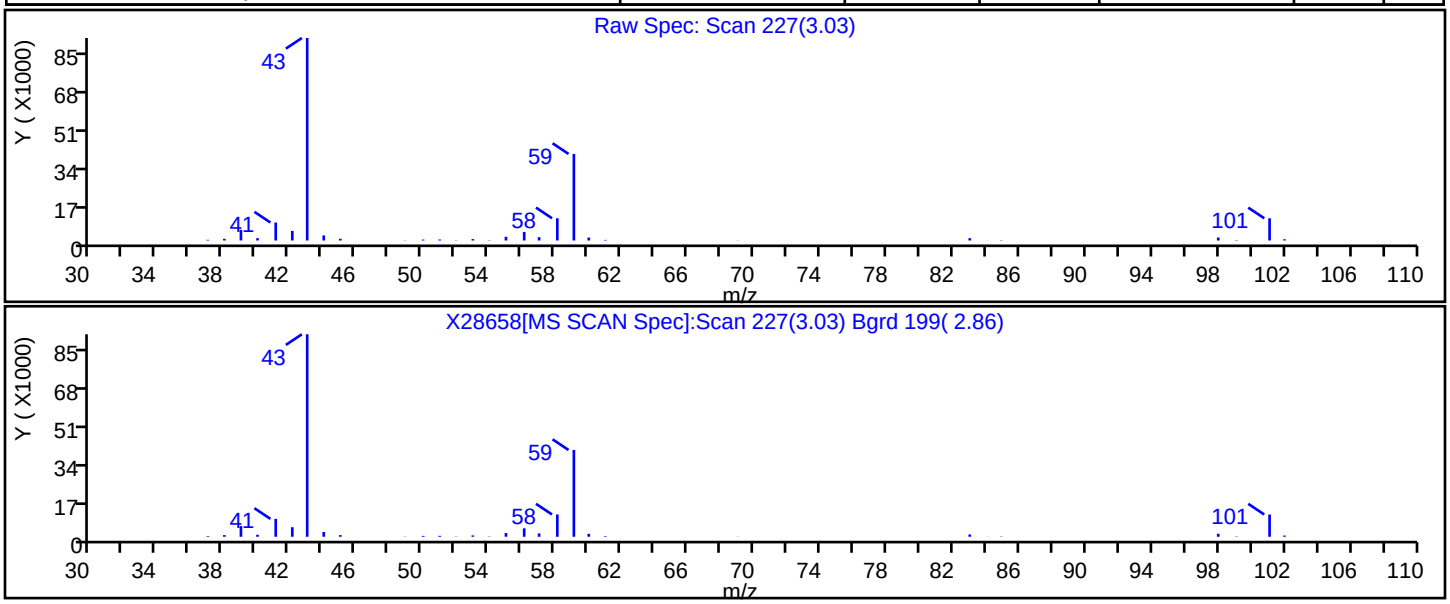
Report Date: 31-Aug-2020 11:13:25 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28658.d

Injection Date:	28-Aug-2020 21:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-1-E	Lab Sample ID:	460-216927-1		
Client ID:	SB-15_0-2_20200826				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: X28659.d

Analysis Method: 8270D Date Collected: 08/26/2020 09:55

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:26

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.34	0.0058
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0093	U	0.10	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.34	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0090	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.0087	U	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.0066	U	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0057	U	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0047	U	0.34	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: X28659.d

Analysis Method: 8270D Date Collected: 08/26/2020 09:55

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:26

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.077	U	0.34	0.077
84-74-2	Di-n-butyl phthalate	0.059	U	0.34	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.068	0.0072
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.097	U	0.14	0.097
91-20-3	Naphthalene	0.0058	U	0.34	0.0058
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064
85-01-8	Phenanthrene	0.0059	U	0.34	0.0059
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	60		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	54		19-105
1718-51-0	Terphenyl-d14 (Surr)	62		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: X28659.d

Analysis Method: 8270D Date Collected: 08/26/2020 09:55

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:26

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.63

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.03	0.63	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28659.d
Lims ID: 460-216927-E-2-C
Client ID: SB-16_1-3_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 21:26:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115925-030
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:11:33 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 28-Aug-2020 21:53:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.563	4.563	0.000	95	30493	40.0	
$ 26 Nitrobenzene-d5	82	5.081	5.087	-0.006	93	25191	26.9	
* 38 Naphthalene-d8	136	5.769	5.769	0.000	98	119897	40.0	
$ 51 2-Fluorobiphenyl	172	6.786	6.792	-0.006	97	60665	29.8	
* 65 Acenaphthene-d10	164	7.428	7.428	0.000	96	55492	40.0	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	96807	40.0	
$ 96 Terphenyl-d14	244	10.333	10.333	0.000	98	66011	30.9	
* 102 Chrysene-d12	240	11.469	11.474	-0.006	99	82479	40.0	
* 109 Perylene-d12	264	13.410	13.404	0.006	98	97431	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28659.d				
Lims ID:	460-216927-E-2-C				
Client ID:	SB-16_1-3_20200826				
Sample Type:	Client				
Inject. Date:	28-Aug-2020 21:26:30	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115925-030				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:11:33	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	28-Aug-2020 21:53:09		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
3.028	42362	9.29	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.563	182428	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

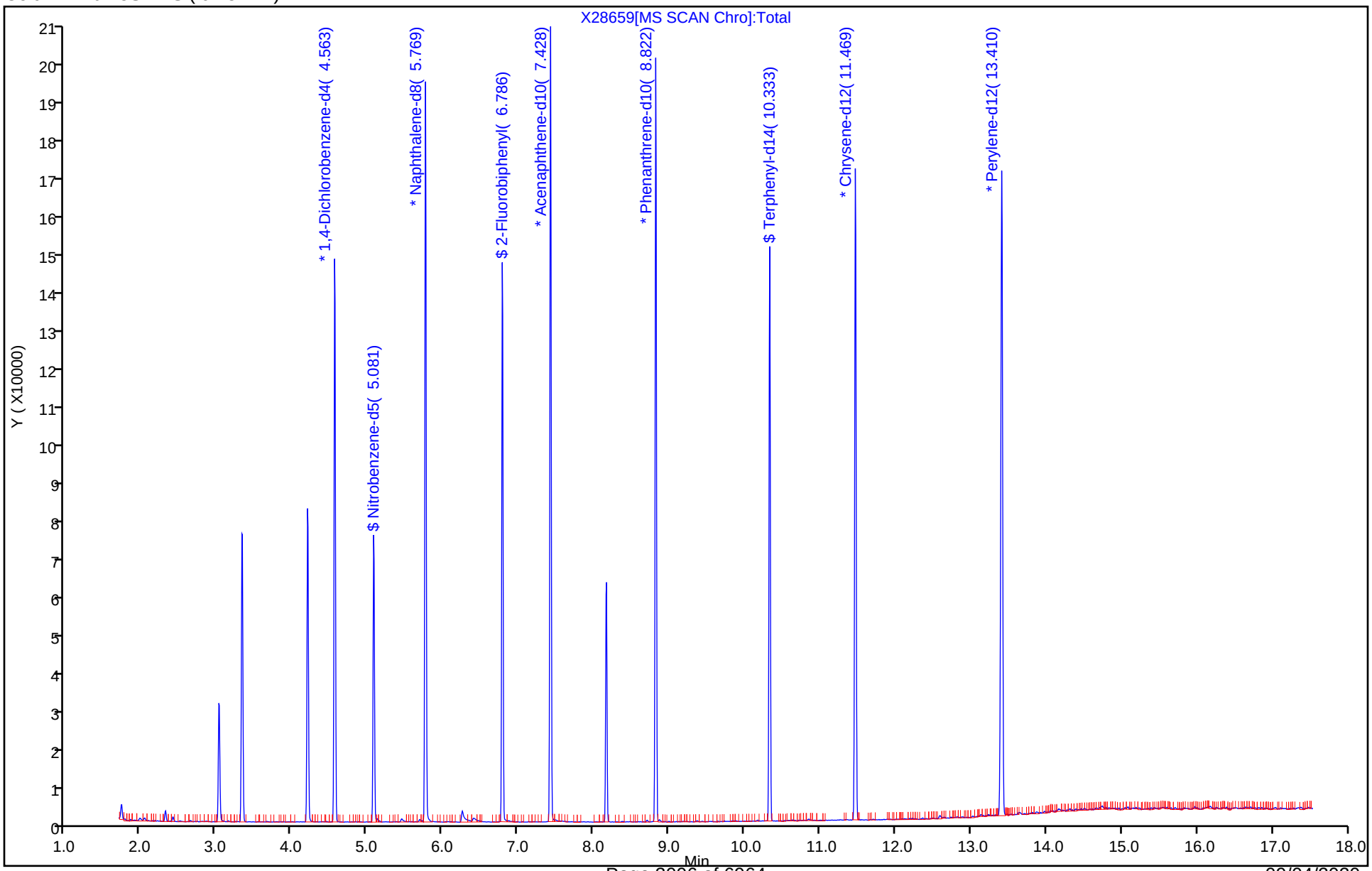
Report Date: 31-Aug-2020 11:14:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28659.d

Injection Date:	28-Aug-2020 21:26:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-216927-E-2-C	Lab Sample ID:	460-216927-2	Worklist Smp#:	30
Client ID:	SB-16_1-3_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



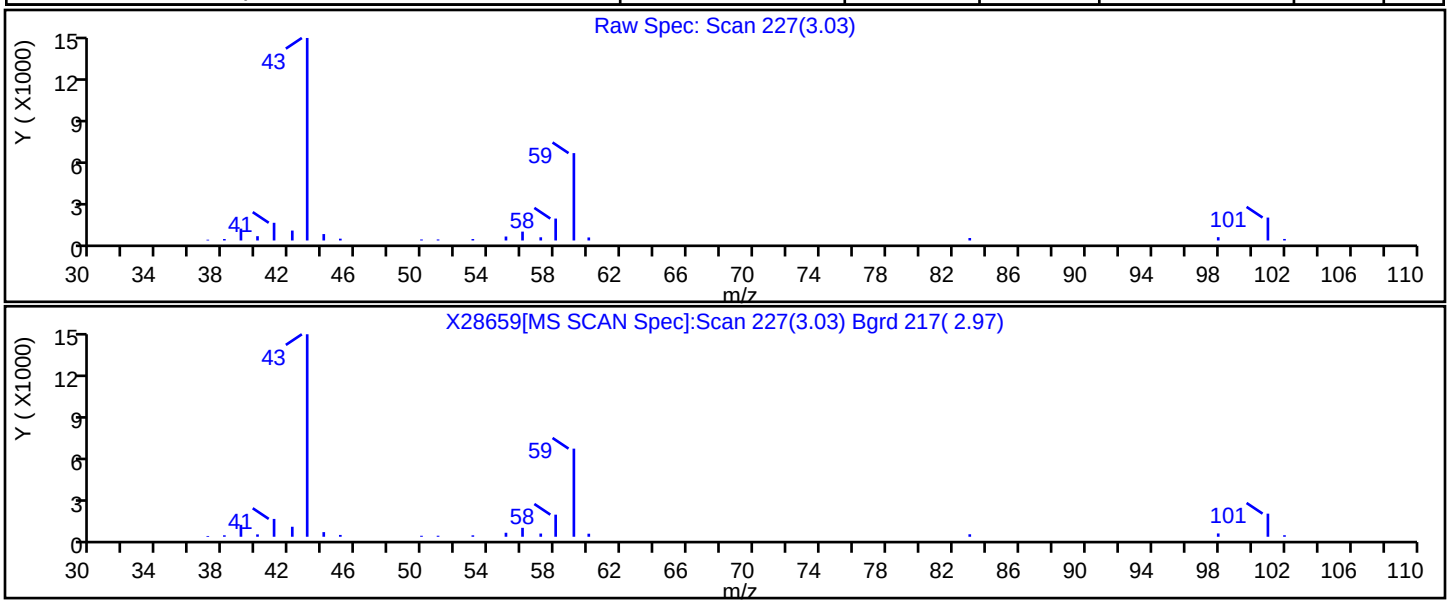
Report Date: 31-Aug-2020 11:14:11 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28659.d

Injection Date:	28-Aug-2020 21:26:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-2-C	Lab Sample ID:	460-216927-2		
Client ID:	SB-16_1-3_20200826				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: X28660.d

Analysis Method: 8270D Date Collected: 08/26/2020 13:40

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0096	U	0.037	0.0096
95-50-1	1,2-Dichlorobenzene	0.0064	U	0.37	0.0064
541-73-1	1,3-Dichlorobenzene	0.0050	U	0.37	0.0050
106-46-7	1,4-Dichlorobenzene	0.014	U	0.37	0.014
123-91-1	1,4-Dioxane	0.010	U	0.11	0.010
108-60-1	2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068
121-14-2	2,4-Dinitrotoluene	0.040	U	0.076	0.040
606-20-2	2,6-Dinitrotoluene	0.027	U	0.076	0.027
91-58-7	2-Chloronaphthalene	0.017	U	0.37	0.017
91-57-6	2-Methylnaphthalene	0.010	U	0.37	0.010
88-74-4	2-Nitroaniline	0.014	U	0.37	0.014
91-94-1	3,3'-Dichlorobenzidine	0.057	U	0.15	0.057
99-09-2	3-Nitroaniline	0.042	U	0.37	0.042
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.37	0.015
106-47-8	4-Chloroaniline	0.026	U	0.37	0.026
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013
100-01-6	4-Nitroaniline	0.043	U	0.37	0.043
83-32-9	Acenaphthene	0.027	U	0.37	0.027
208-96-8	Acenaphthylene	0.085	J	0.37	0.0039
120-12-7	Anthracene	0.11	J	0.37	0.011
56-55-3	Benzo[a]anthracene	0.62		0.037	0.013
50-32-8	Benzo[a]pyrene	0.73		0.037	0.010
205-99-2	Benzo[b]fluoranthene	0.72		0.037	0.0097
191-24-2	Benzo[g,h,i]perylene	0.42		0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.26		0.037	0.0074
111-91-1	Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.018	U	0.37	0.018
86-74-8	Carbazole	0.041	J	0.37	0.014
218-01-9	Chrysene	0.78		0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.11		0.037	0.016
132-64-9	Dibenzofuran	0.012	J	0.37	0.0053
84-66-2	Diethyl phthalate	0.0054	U	0.37	0.0054

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: X28660.d

Analysis Method: 8270D Date Collected: 08/26/2020 13:40

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.085	U	0.37	0.085
84-74-2	Di-n-butyl phthalate	0.066	U	0.37	0.066
117-84-0	Di-n-octyl phthalate	0.020	U	0.37	0.020
206-44-0	Fluoranthene	1.0		0.37	0.013
86-73-7	Fluorene	0.023	J	0.37	0.0051
118-74-1	Hexachlorobenzene	0.018	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.0080	U	0.076	0.0080
77-47-4	Hexachlorocyclopentadiene	0.033	U	0.37	0.033
67-72-1	Hexachloroethane	0.013	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.37		0.037	0.015
78-59-1	Isophorone	0.11	U	0.15	0.11
91-20-3	Naphthalene	0.0065	U	0.37	0.0065
98-95-3	Nitrobenzene	0.0090	U	0.037	0.0090
621-64-7	N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.0072	U	0.37	0.0072
85-01-8	Phenanthrene	0.52		0.37	0.0066
129-00-0	Pyrene	1.3		0.37	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	55		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	50		19-105
1718-51-0	Terphenyl-d14 (Surr)	56		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: X28660.d

Analysis Method: 8270D Date Collected: 08/26/2020 13:40

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 21:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720289 Units: mg/Kg

Number TICs Found: 8 TIC Result Total: 3.14

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.03	0.43	A J	
832-69-9	Phenanthrene, 1-methyl-	9.40	0.49	J N	90%
3674-66-6	Phenanthrene, 2,5-dimethyl-	9.82	0.32	J N	95%
	Unknown	9.90	0.31	J	
33543-31-6	Fluoranthene, 2-methyl-	10.50	0.38	J N	96%
2381-21-7	Pyrene, 1-methyl-	10.62	0.31	J N	90%
192-97-2	Benzo[e]pyrene	13.25	0.59	J N	98%
	Unknown	13.63	0.31	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d
Lims ID: 460-216927-E-3-C
Client ID: SB-17_0-2_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 21:50:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115925-031
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:16:04 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 28-Aug-2020 22:10:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.563	4.563	0.000	96	29552	40.0	
$ 26 Nitrobenzene-d5	82	5.081	5.087	-0.006	92	22720	25.2	
* 38 Naphthalene-d8	136	5.769	5.769	0.000	98	115353	40.0	
$ 51 2-Fluorobiphenyl	172	6.787	6.792	-0.005	96	55223	27.4	
61 Acenaphthylene	152	7.292	7.292	0.000	76	2983	1.12	
* 65 Acenaphthene-d10	164	7.428	7.428	0.000	96	55009	40.0	
67 Acenaphthene	154	7.457	7.457	0.000	2	465	0.2403	
71 Dibenzofuran	168	7.616	7.622	-0.006	28	388	0.1613	
75 Fluorene	166	7.939	7.945	-0.006	16	601	0.3074	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	98407	40.0	
89 Phenanthrene	178	8.845	8.845	0.000	94	20399	6.91	
90 Anthracene	178	8.892	8.892	0.000	81	4427	1.45	
91 Carbazole	167	9.039	9.045	-0.006	7	1465	0.5386	
93 Fluoranthene	202	9.969	9.969	0.000	97	43925	13.7	
95 Pyrene	202	10.180	10.186	-0.006	96	57022	17.3	
$ 96 Terphenyl-d14	244	10.333	10.333	0.000	98	63655	28.1	
101 Benzo[a]anthracene	228	11.463	11.463	0.006	71	25464	8.17	
* 102 Chrysene-d12	240	11.474	11.474	0.000	99	87522	40.0	
103 Chrysene	228	11.504	11.504	0.000	91	30601	10.4	
106 Benzo[b]fluoranthene	252	12.868	12.863	0.000	96	29256	9.49	M
107 Benzo[k]fluoranthene	252	12.892	12.892	-0.012	1	10577	3.42	M
108 Benzo[a]pyrene	252	13.327	13.315	0.006	96	25625	9.70	
* 109 Perylene-d12	264	13.416	13.404	0.012	98	100592	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.021	15.040	-0.006	99	15775	4.85	
111 Dibenz(a,h)anthracene	278	15.057	15.057	-0.005	39	4459	1.44	a
112 Benzo[g,h,i]perylene	276	15.480	15.500	-0.006	88	17405	5.51	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00189	Amount Added:	20.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d
Lims ID: 460-216927-E-3-C
Client ID: SB-17_0-2_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 21:50:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115925-031
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:16:04 Calib Date: 25-Aug-2020 15:22:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 28-Aug-2020 22:10:16

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
3.034	24856	5.68	14	0	0		0	
	832-69-9	Phenanthrene, 1-methyl-						
9.404	46660	6.49	88	90	50623	C15H12	192	
	3674-66-6	Phenanthrene, 2,5-dimethyl-						
9.822	30678	4.27	88	95	60352	C16H14	206	
		Unknown						
9.898	29361	4.09	88					
	33543-31-6	Fluoranthene, 2-methyl-						
10.504	44872	4.99	102	96	67036	C17H12	216	
	2381-21-7	Pyrene, 1-methyl-						
10.616	36365	4.04	102	90	67028	C17H12	216	I
	192-97-2	Benzo[e]pyrene						
13.251	61476	7.86	109	98	89816	C20H12	252	
		Unknown						
13.633	32113	4.11	109					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.563	175099	40.0
* 88 Phenanthrene-d10	8.822	287363	40.0
* 102 Chrysene-d12	11.474	359991	40.0
* 109 Perylene-d12	13.416	312866	40.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

Reagents:

SM_ISTD_00189	Amount Added:	20.00	Units: uL	Run Reagent

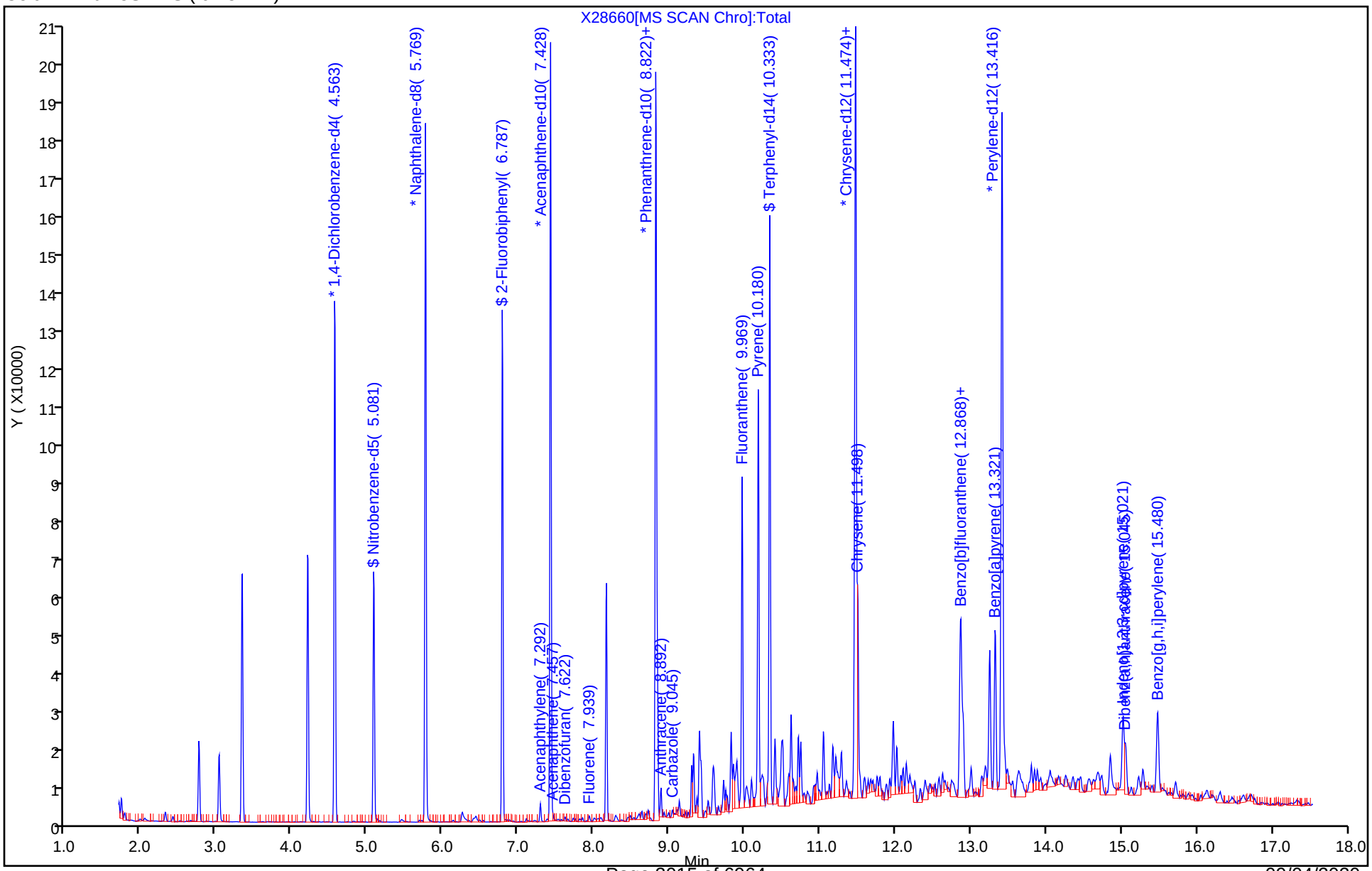
Report Date: 31-Aug-2020 11:16:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d

Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3	Worklist Smp#:	31
Client ID:	SB-17_0-2_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

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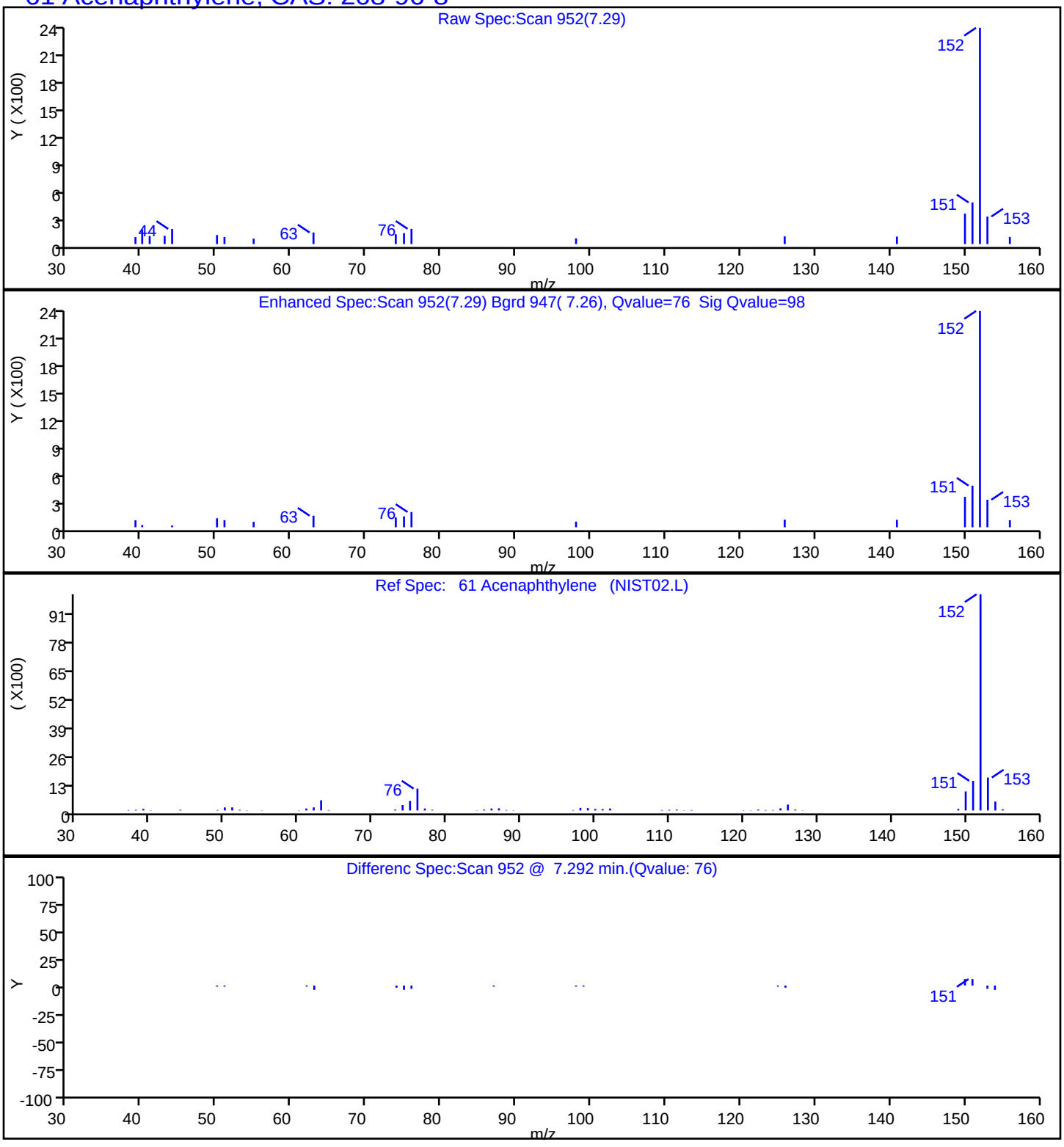
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

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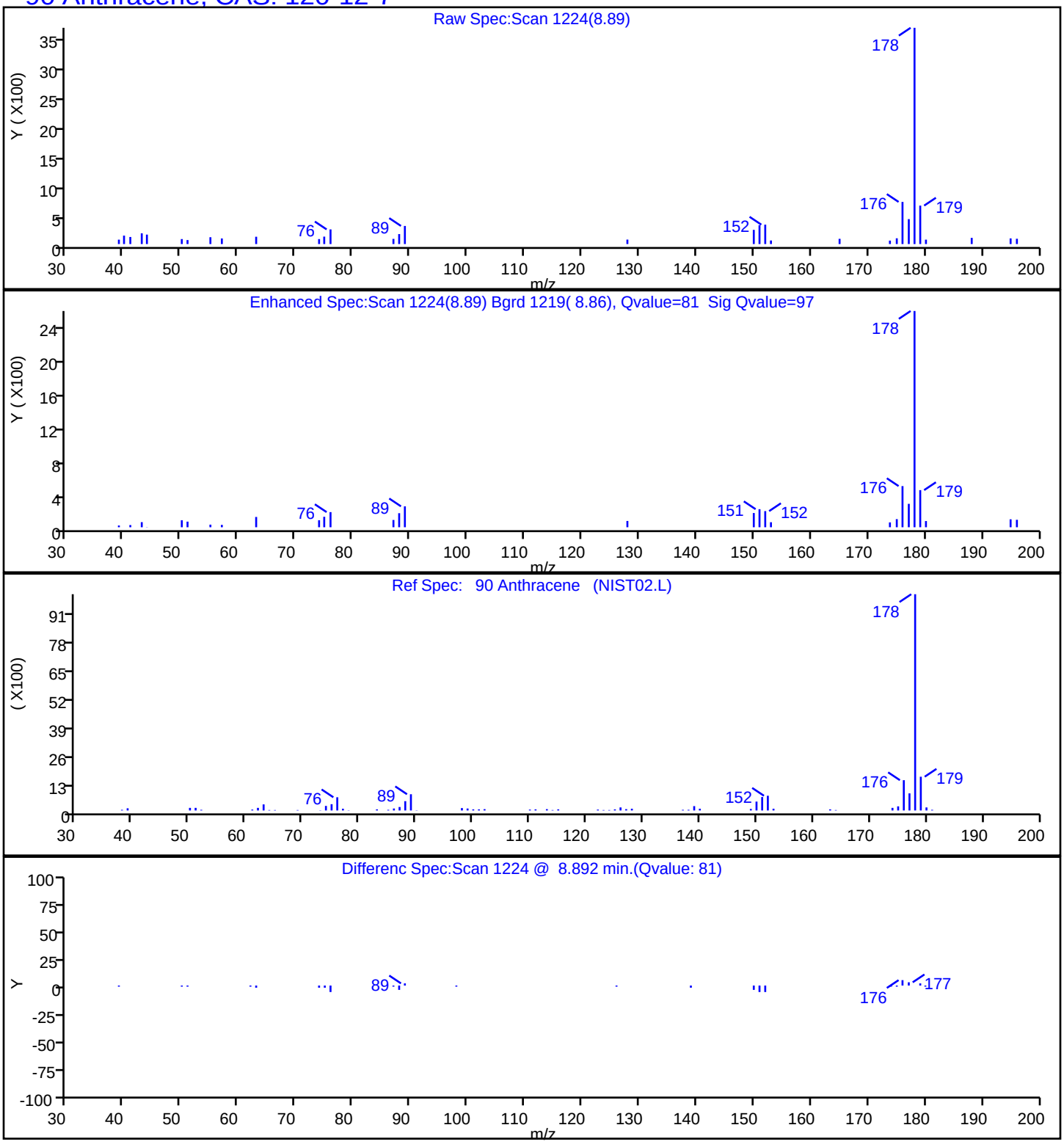
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

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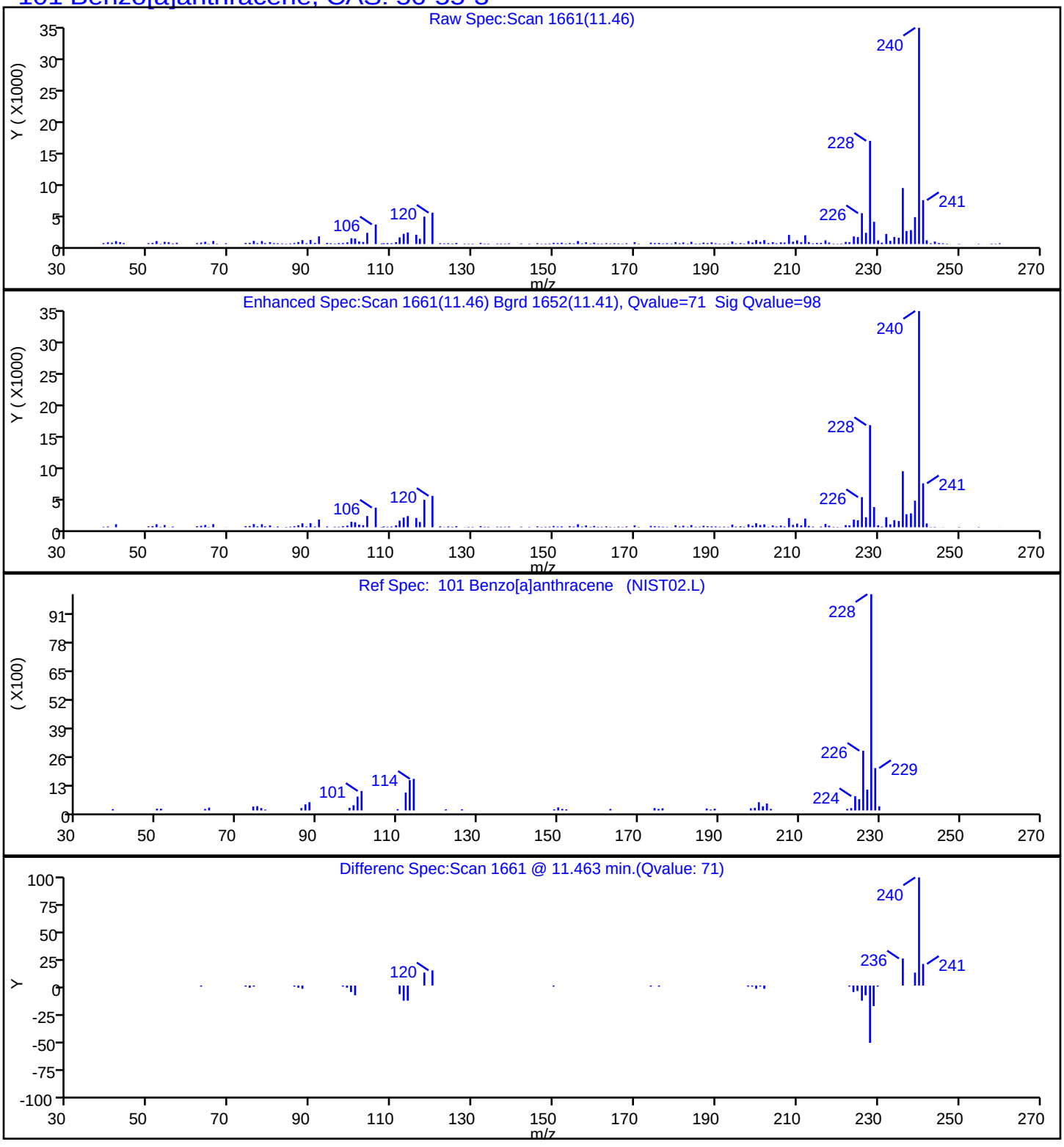
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

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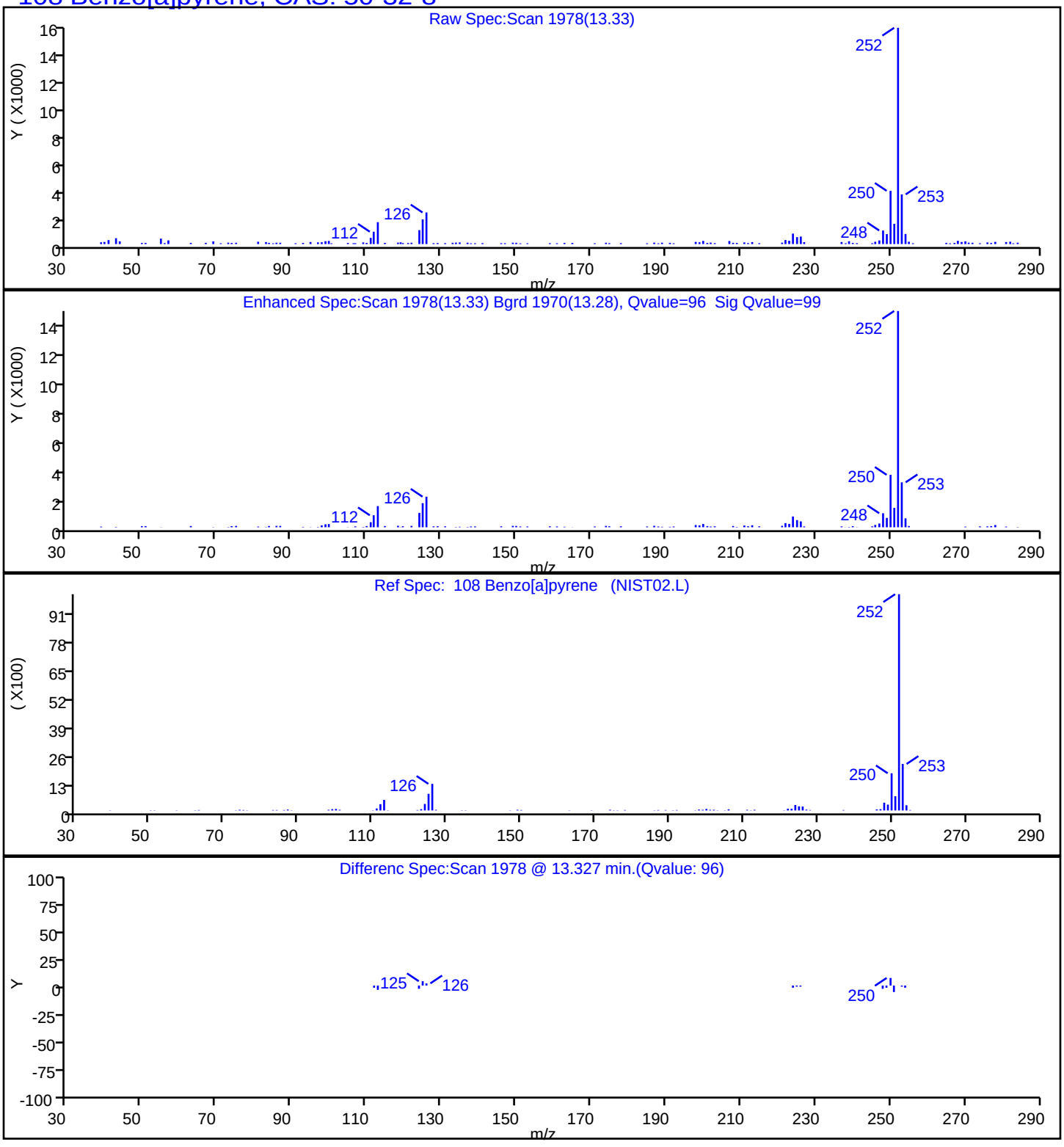
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

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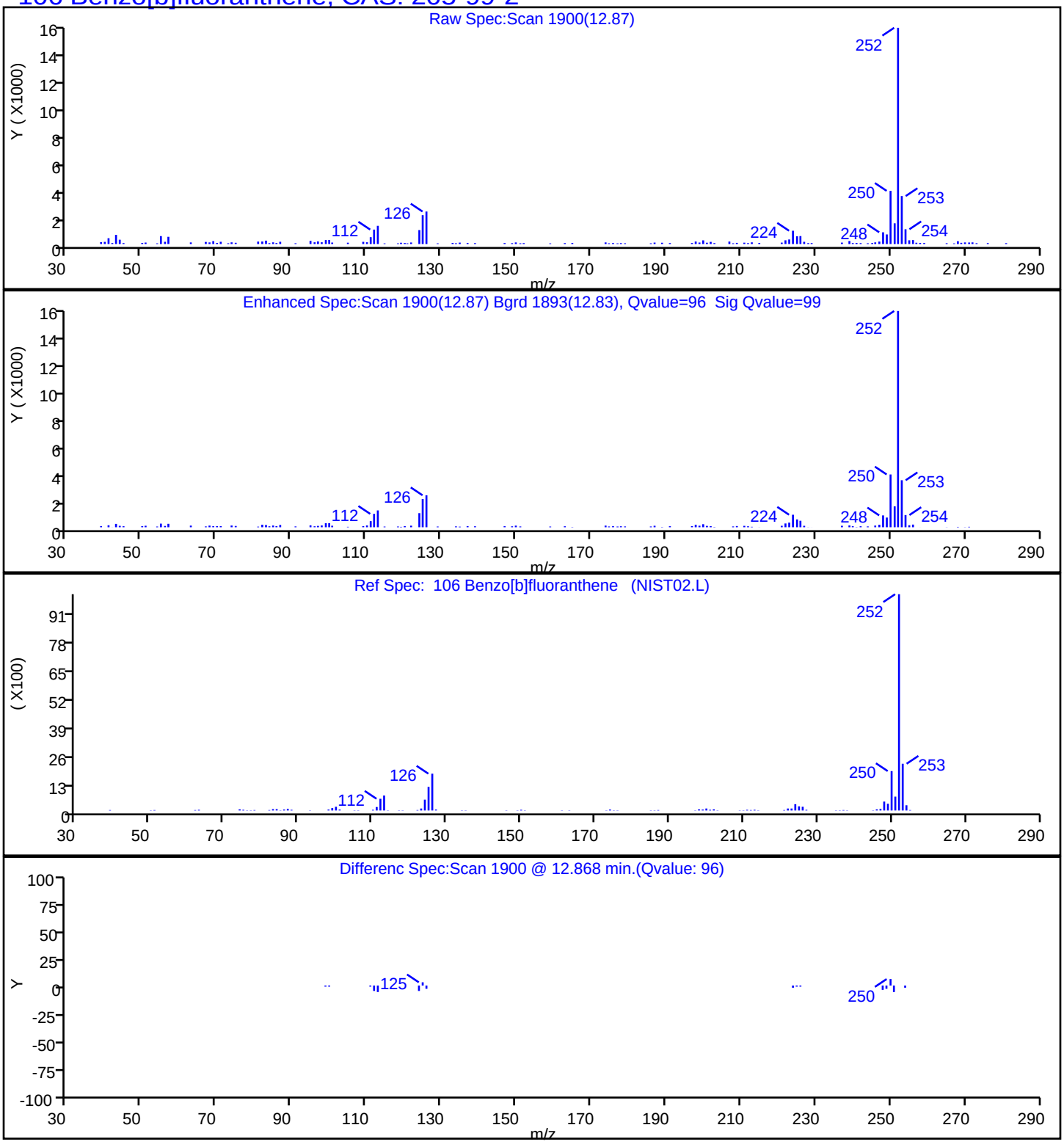
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

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Client ID:	SB-17_0-2_20200826				
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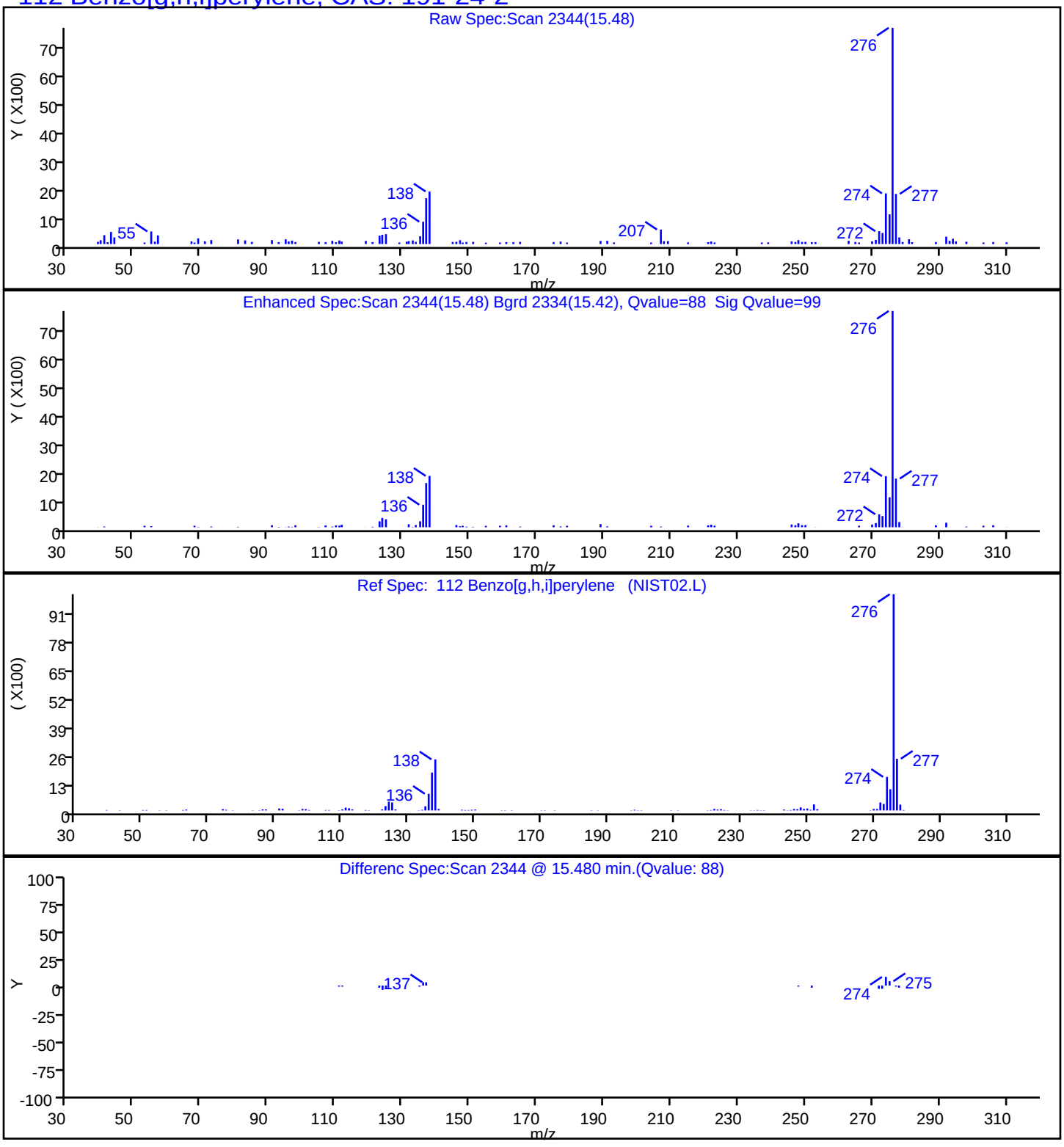
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

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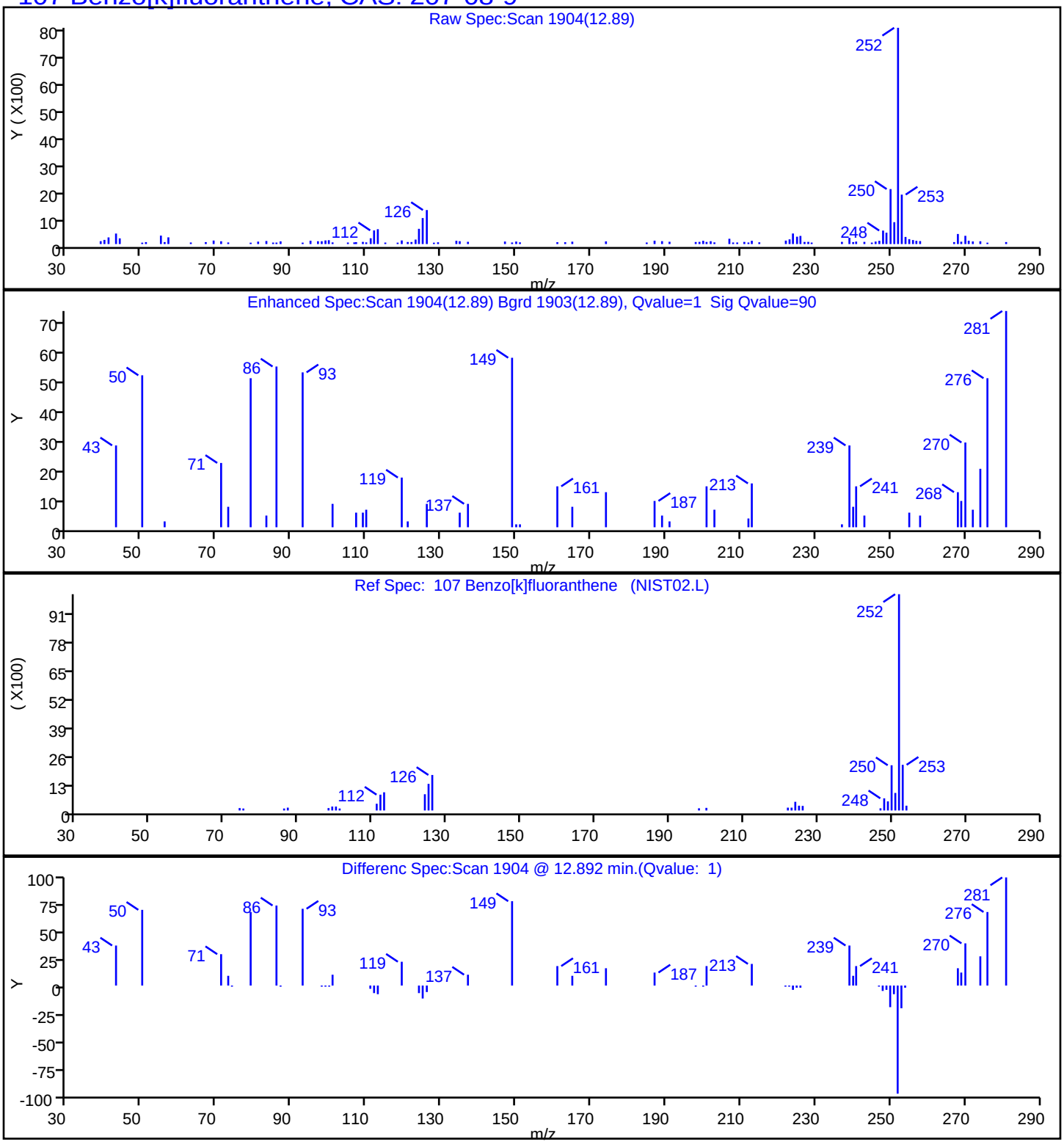
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

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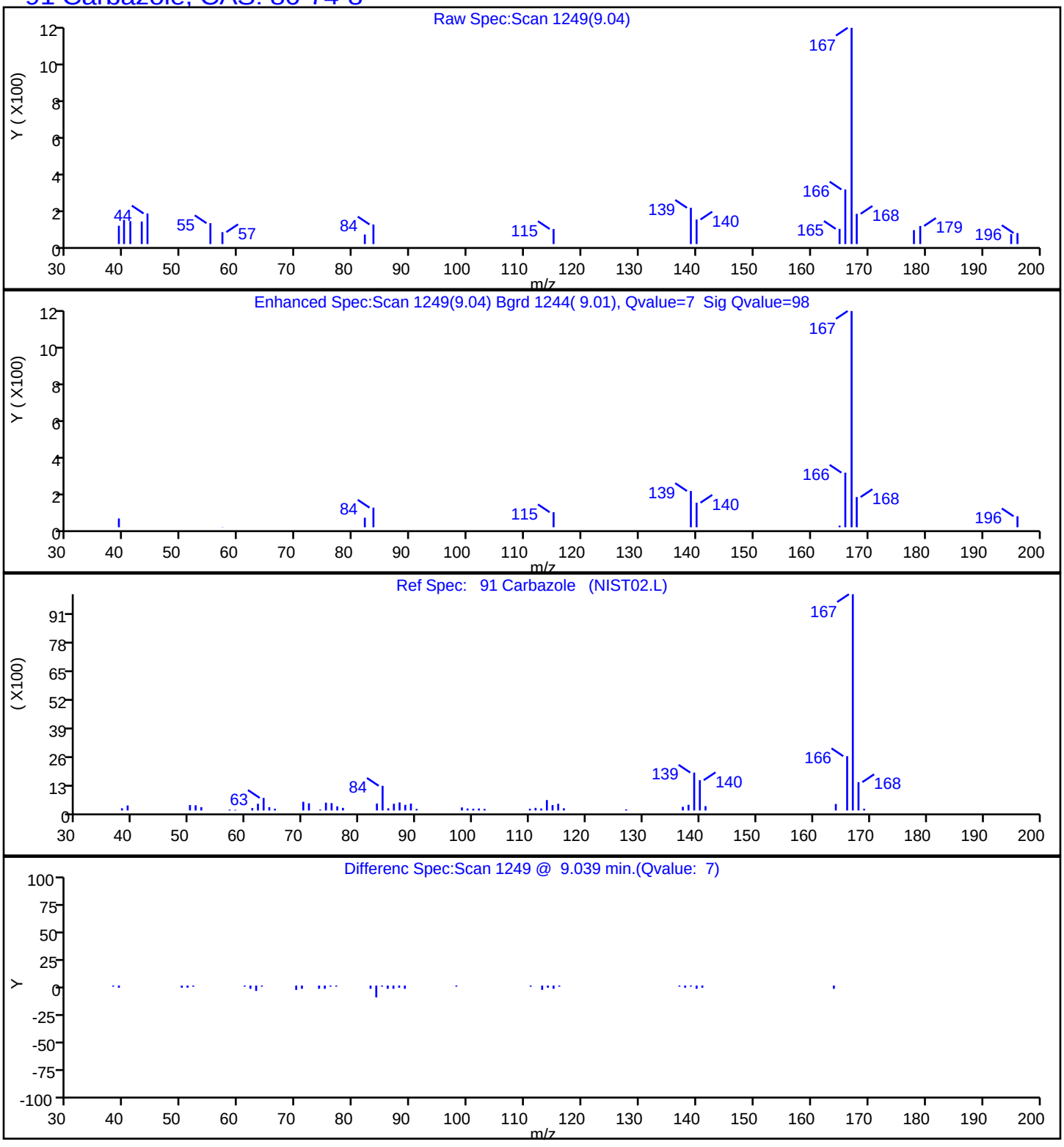
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

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Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
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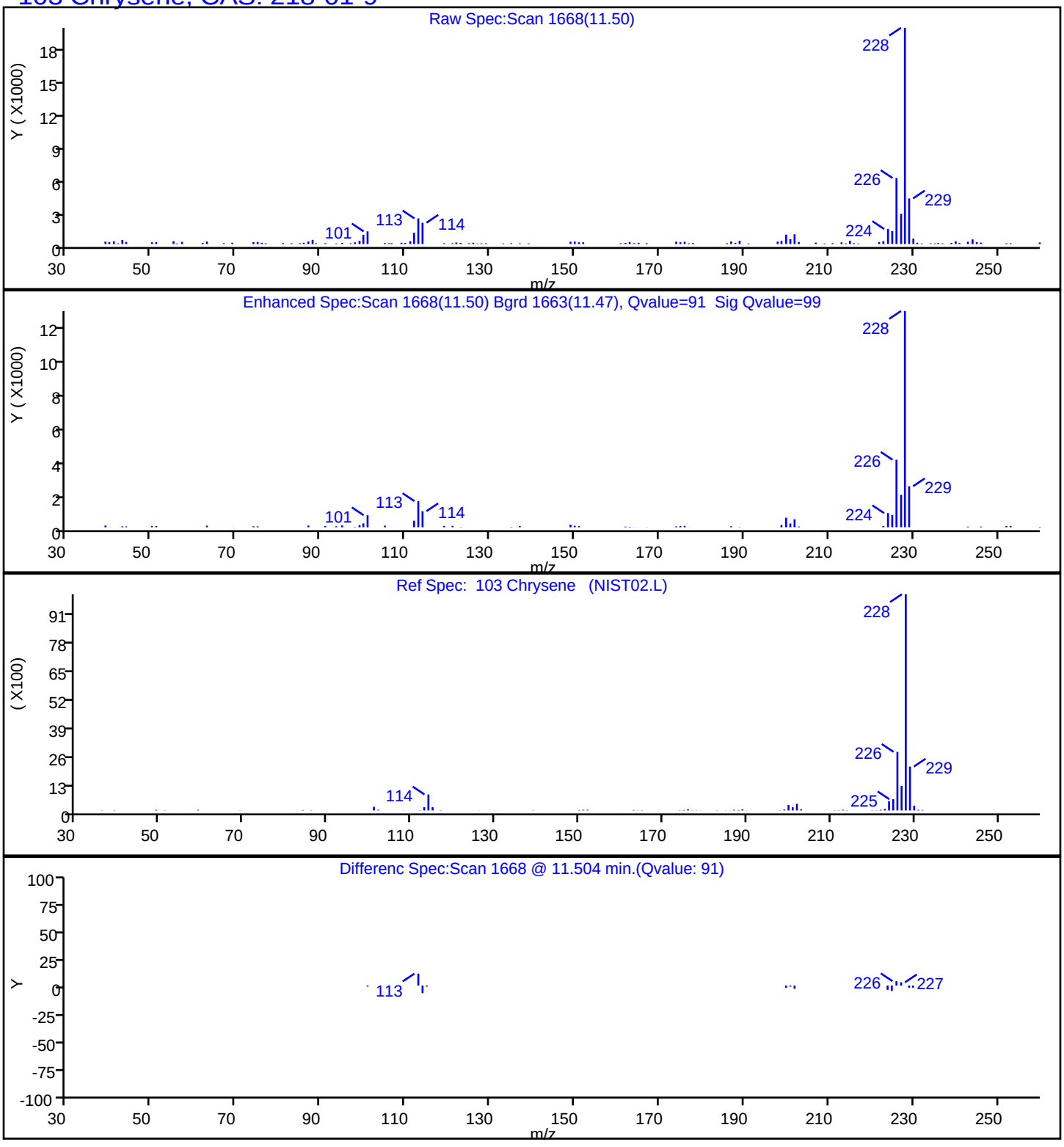
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

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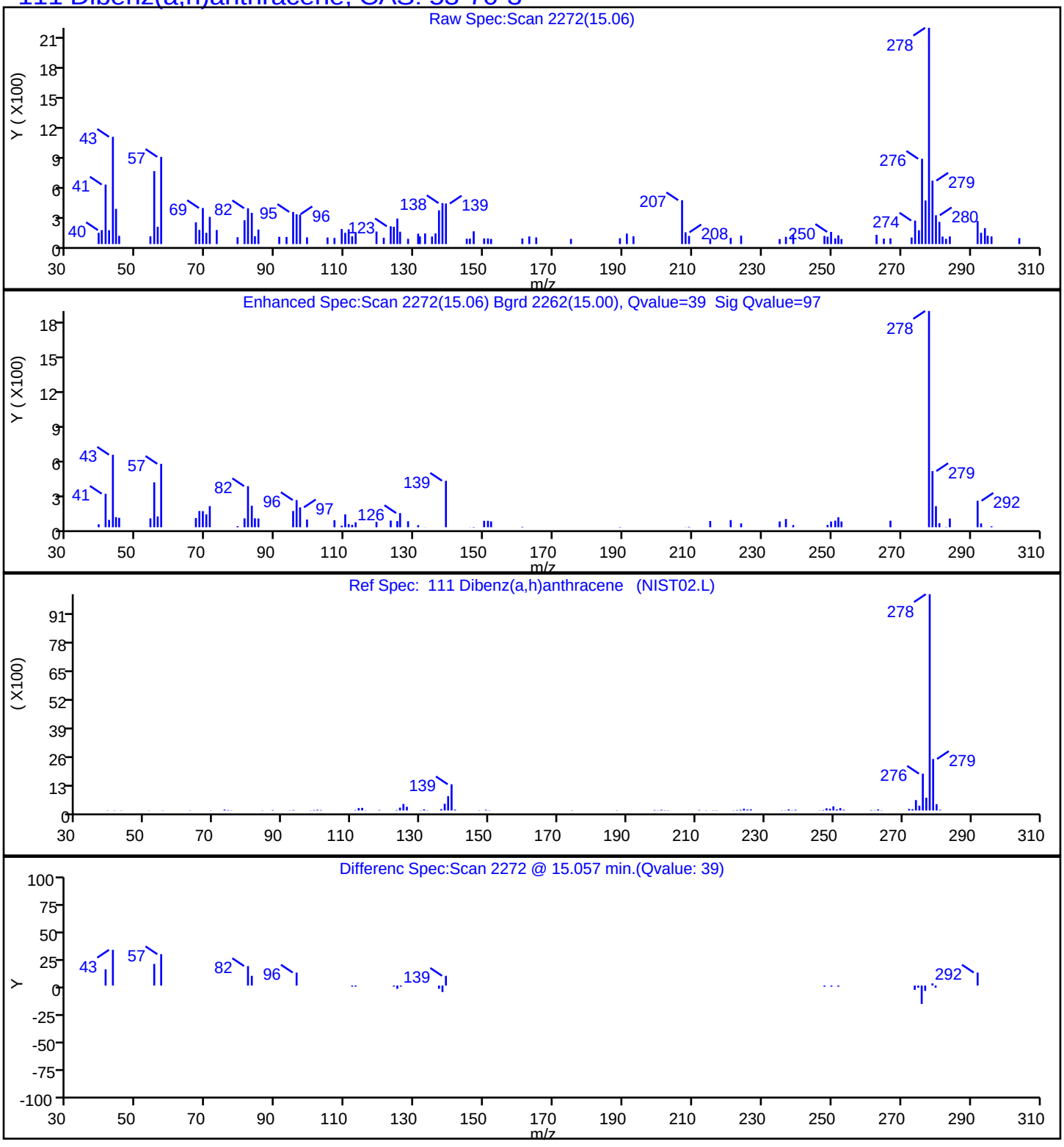
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

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Client ID:	SB-17_0-2_20200826				
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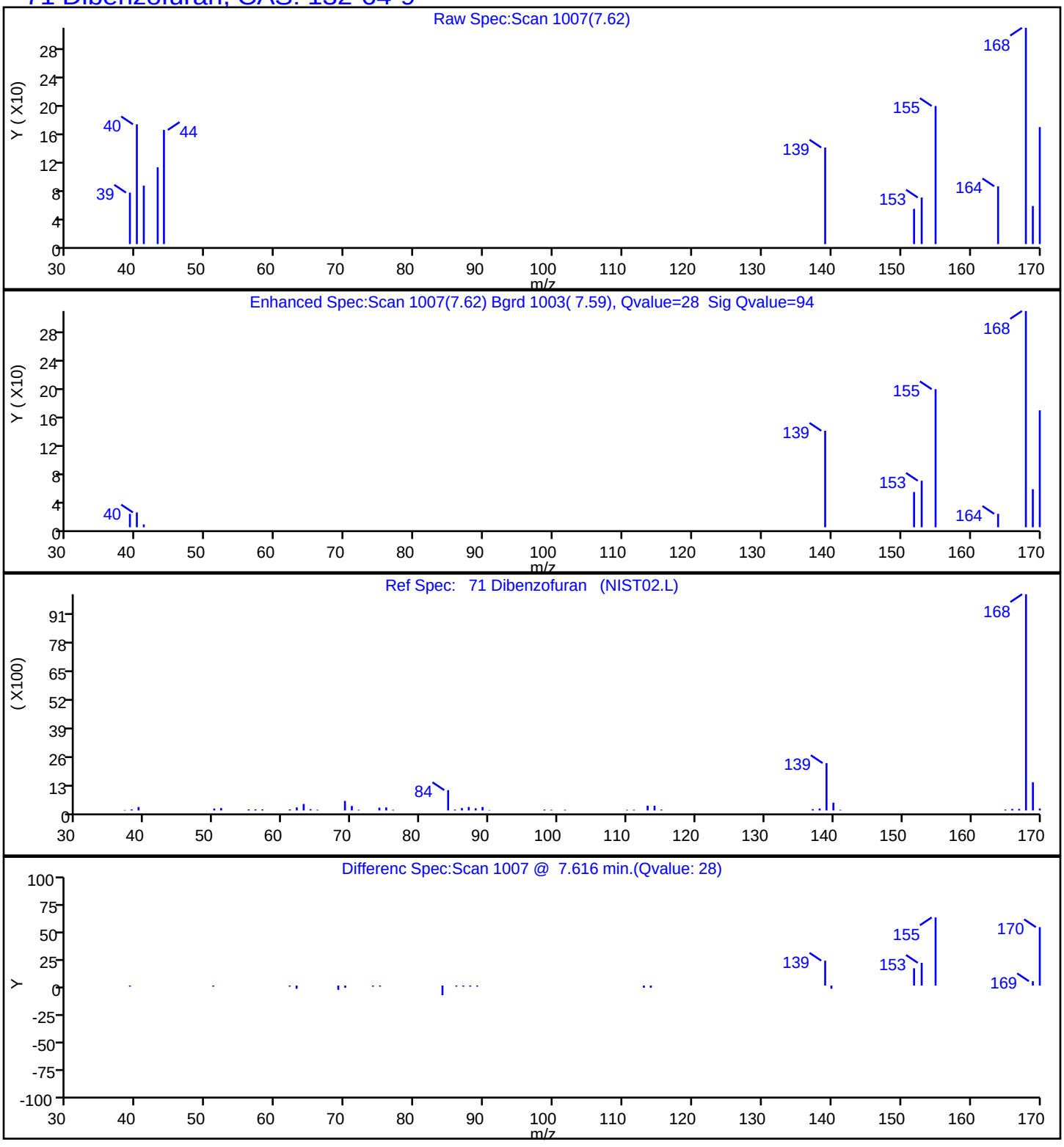
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

71 Dibenzofuran, CAS: 132-64-9



Report Date: 31-Aug-2020 11:16:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

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Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
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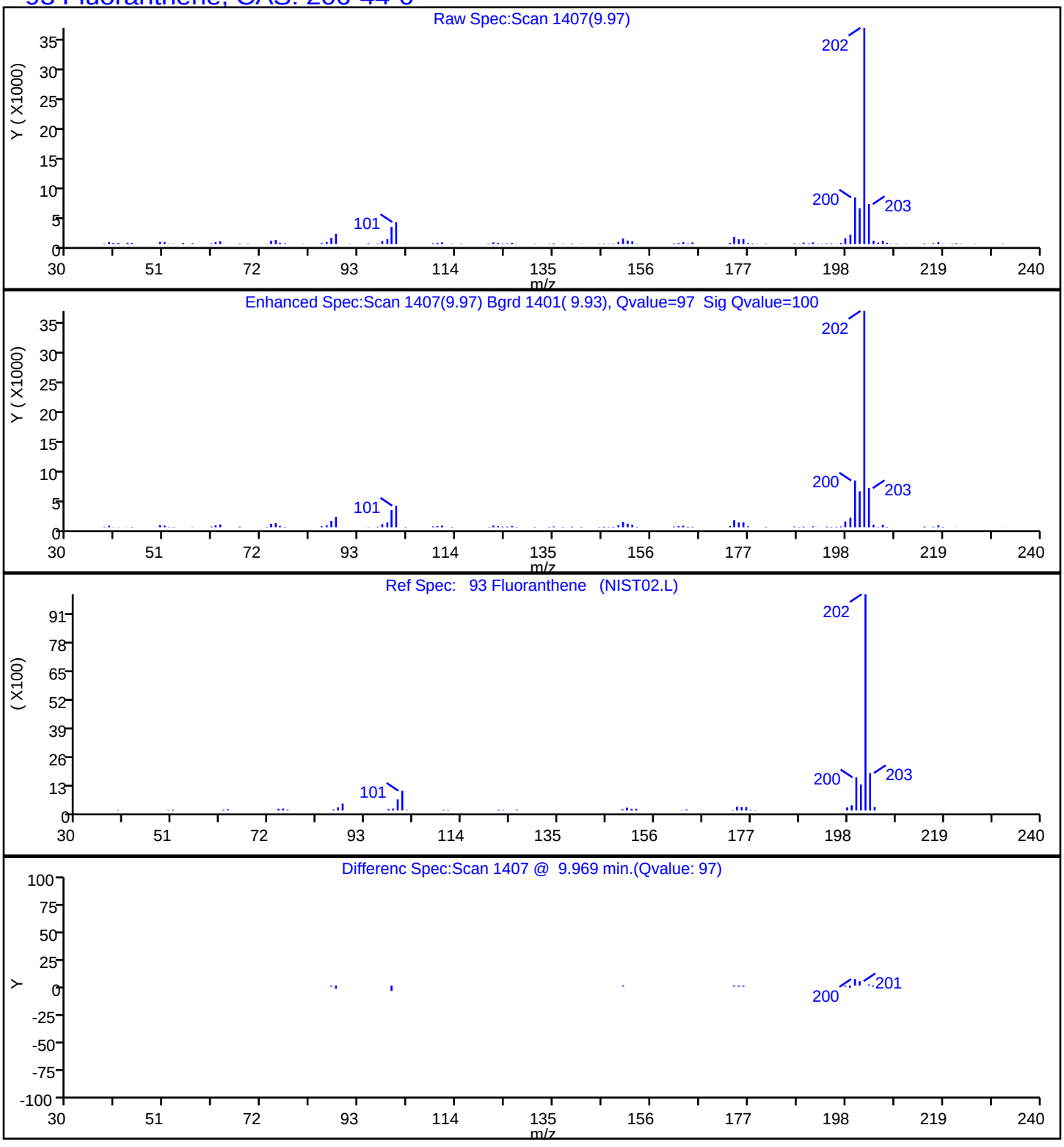
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

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Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
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Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
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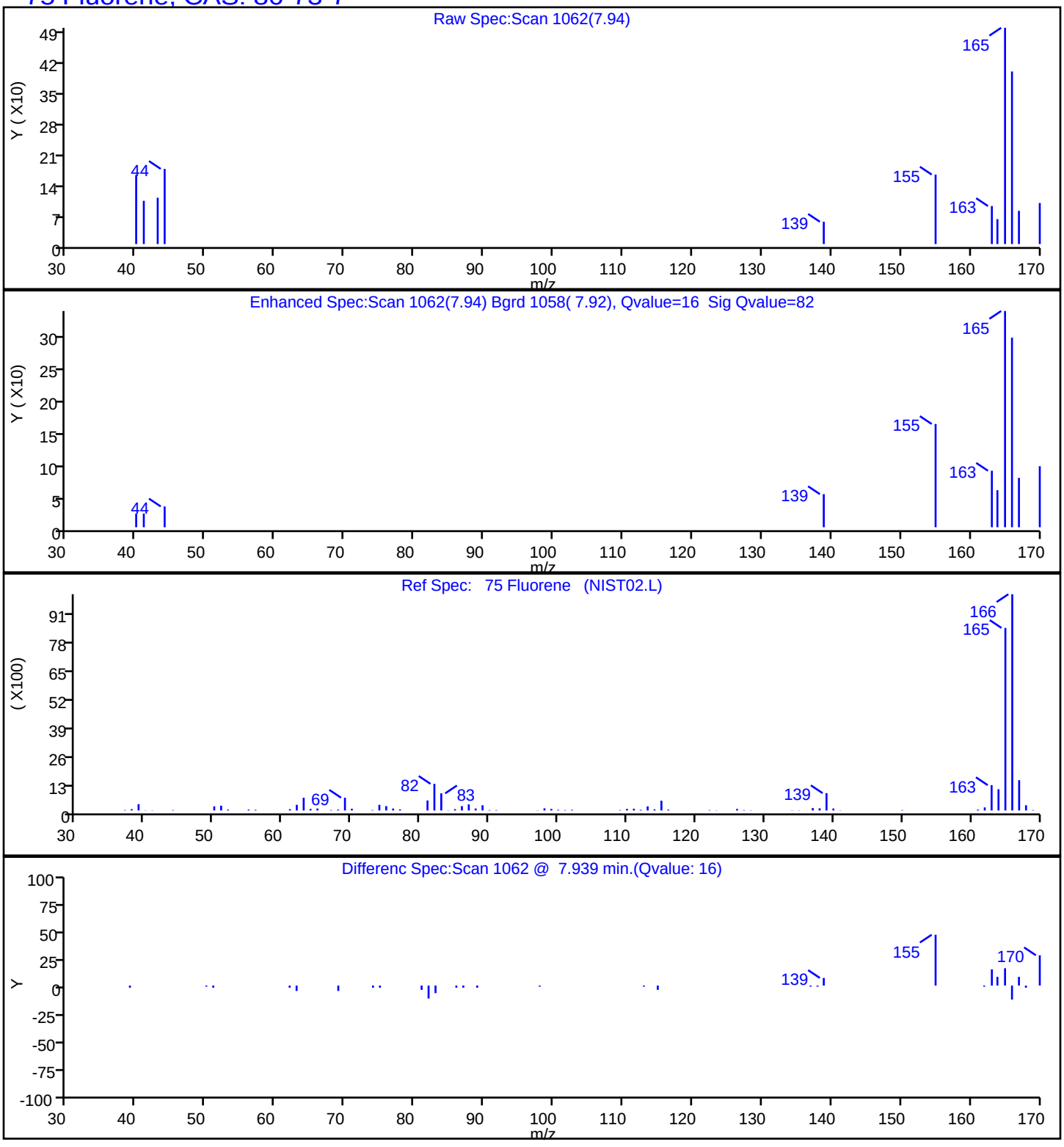
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

75 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

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Client ID:	SB-17_0-2_20200826				
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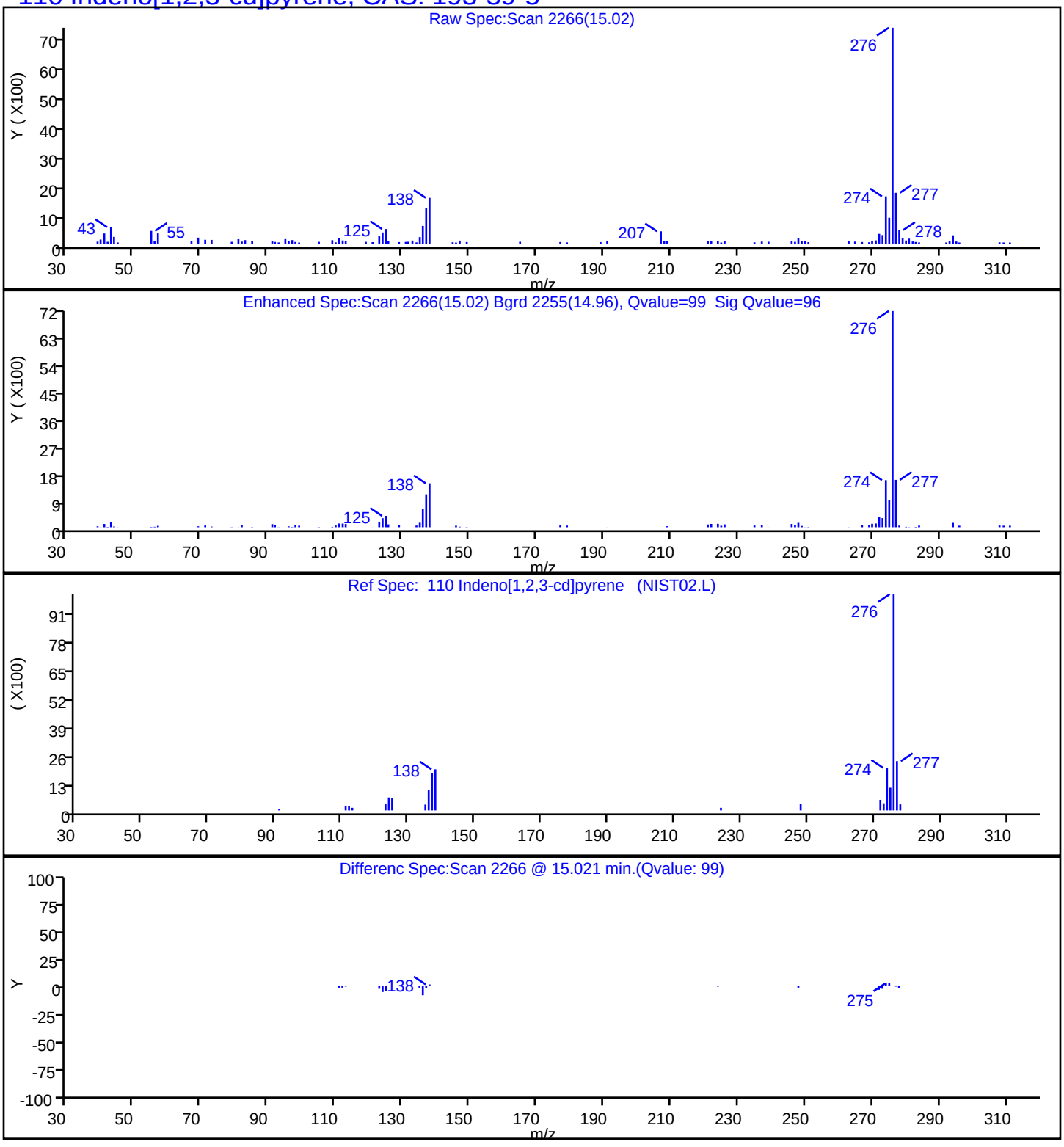
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

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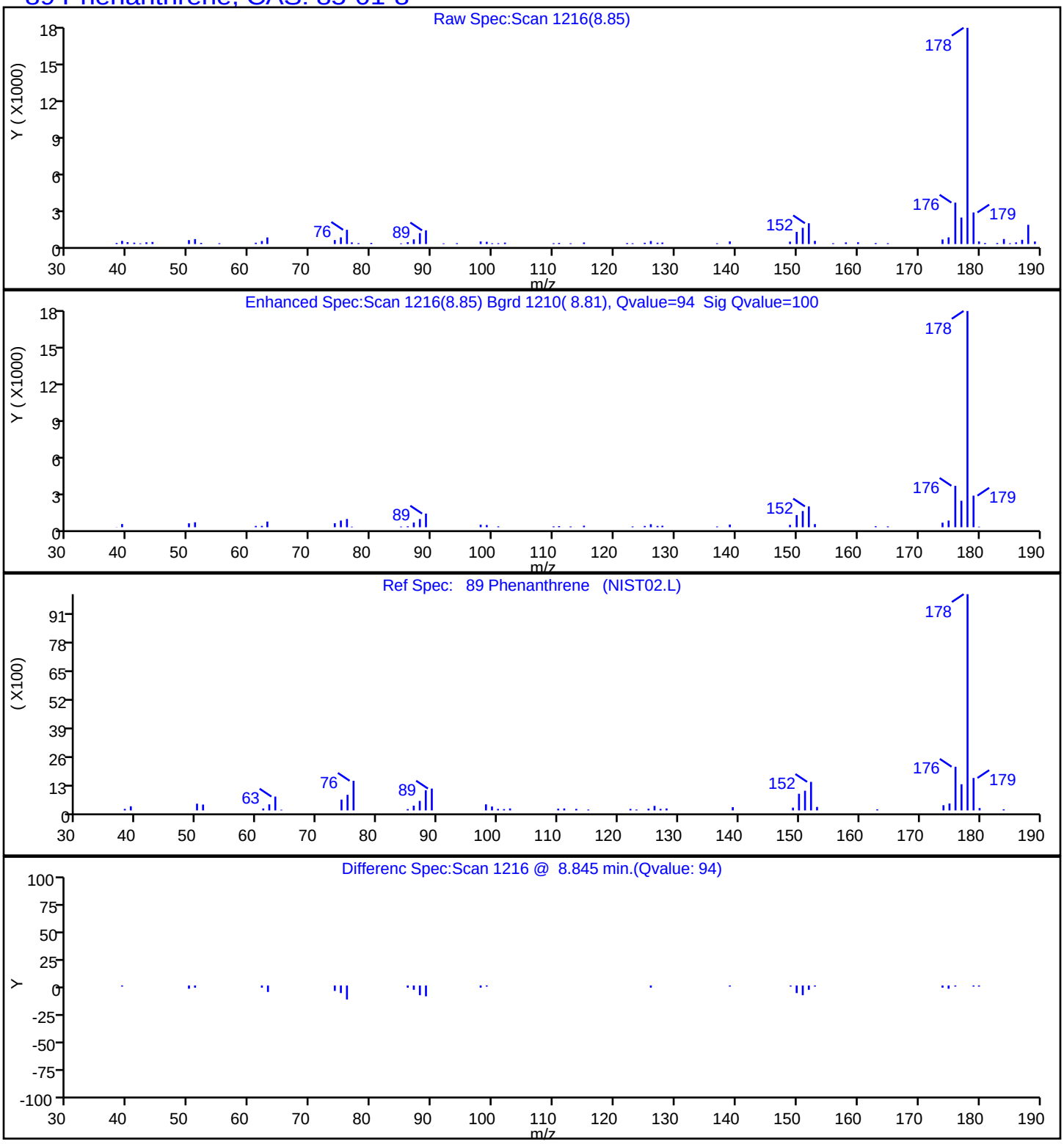
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
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Client ID:	SB-17_0-2_20200826				
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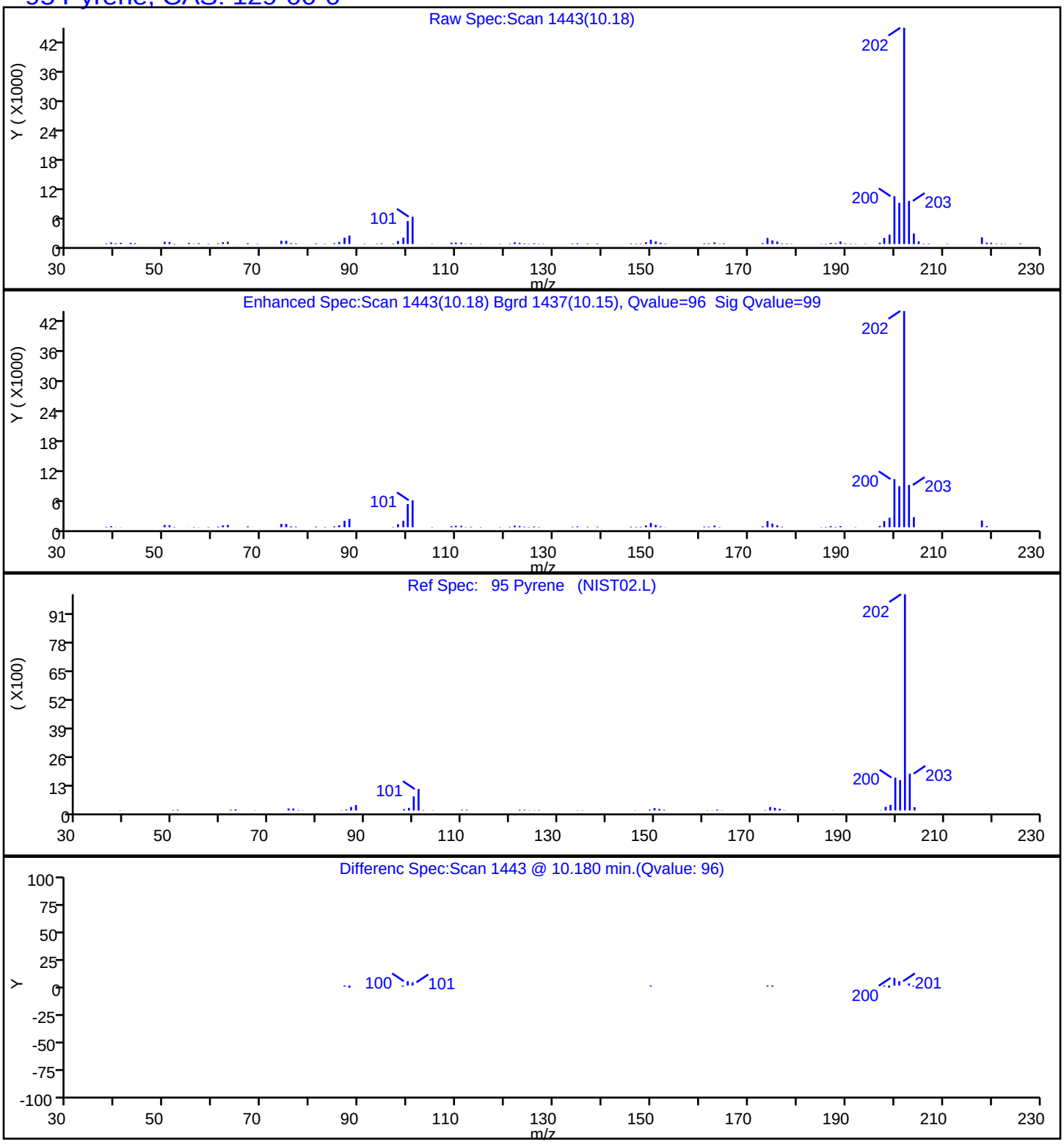
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



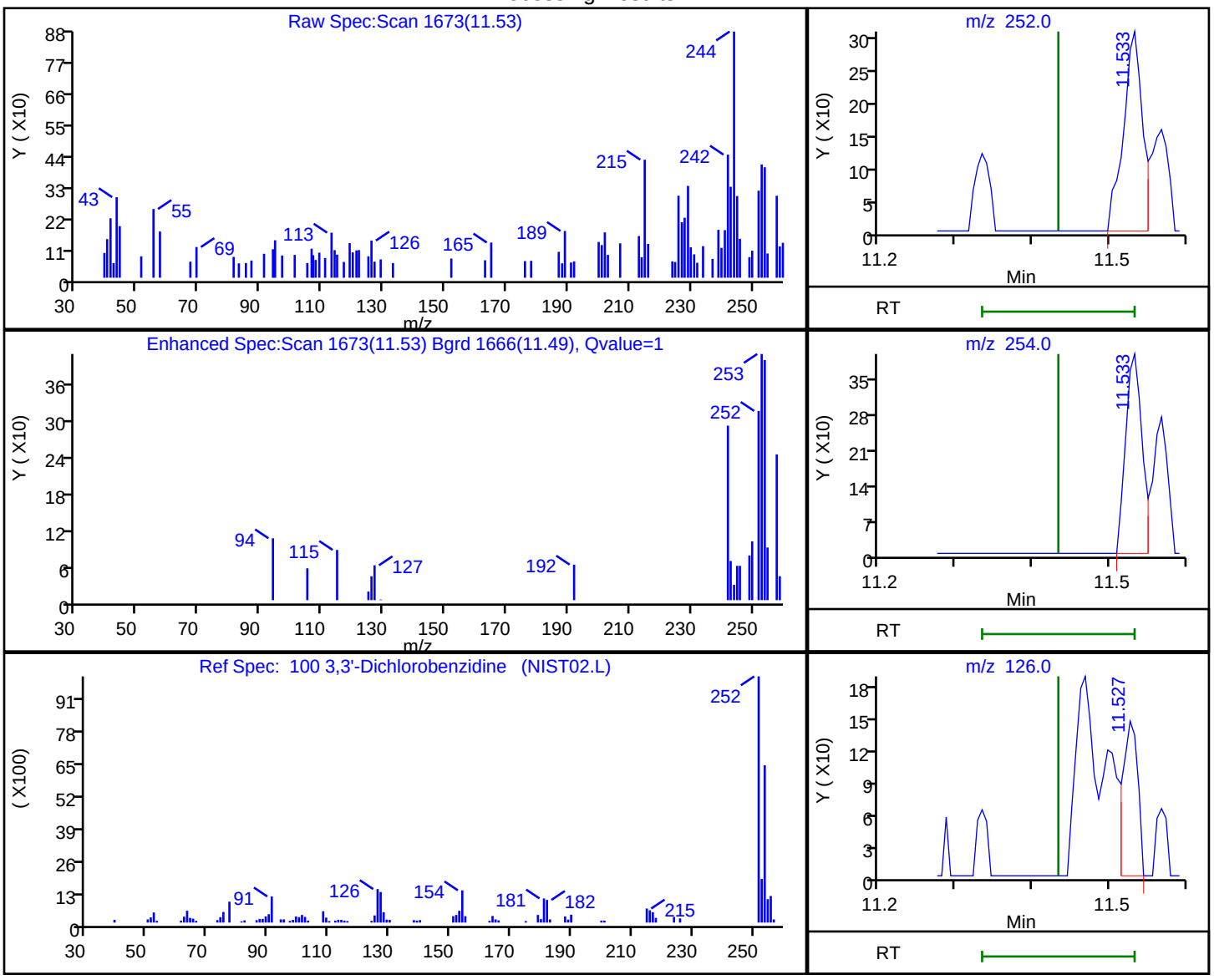
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results



RT	Mass	Response	Amount
11.53	252.00	538	0.449350
11.53	254.00	591	
11.53	126.00	197	

Reviewer: hamziy, 28-Aug-2020 22:09:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

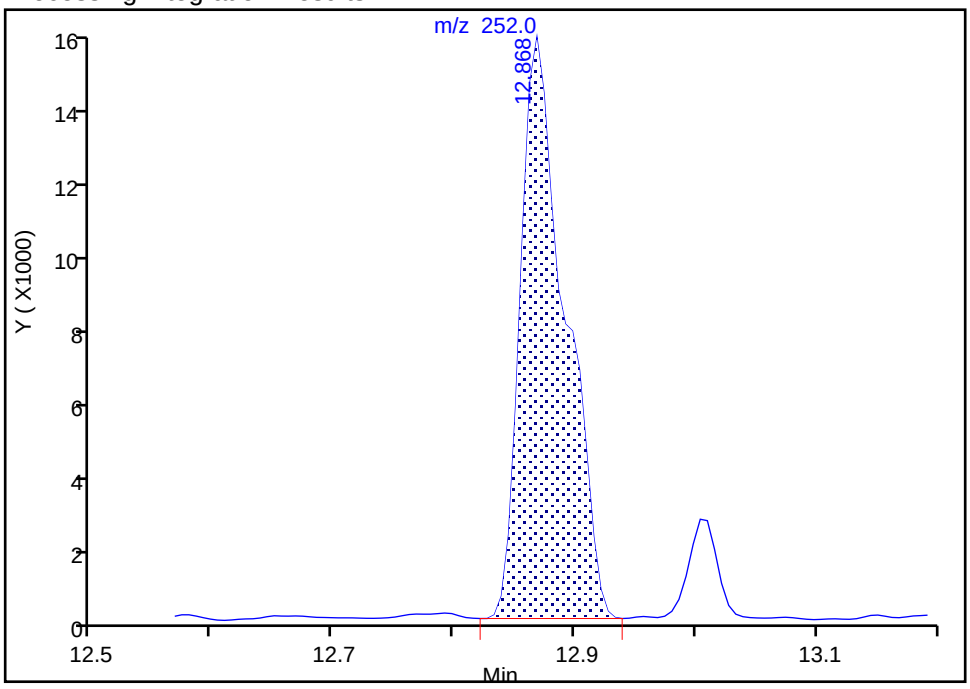
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

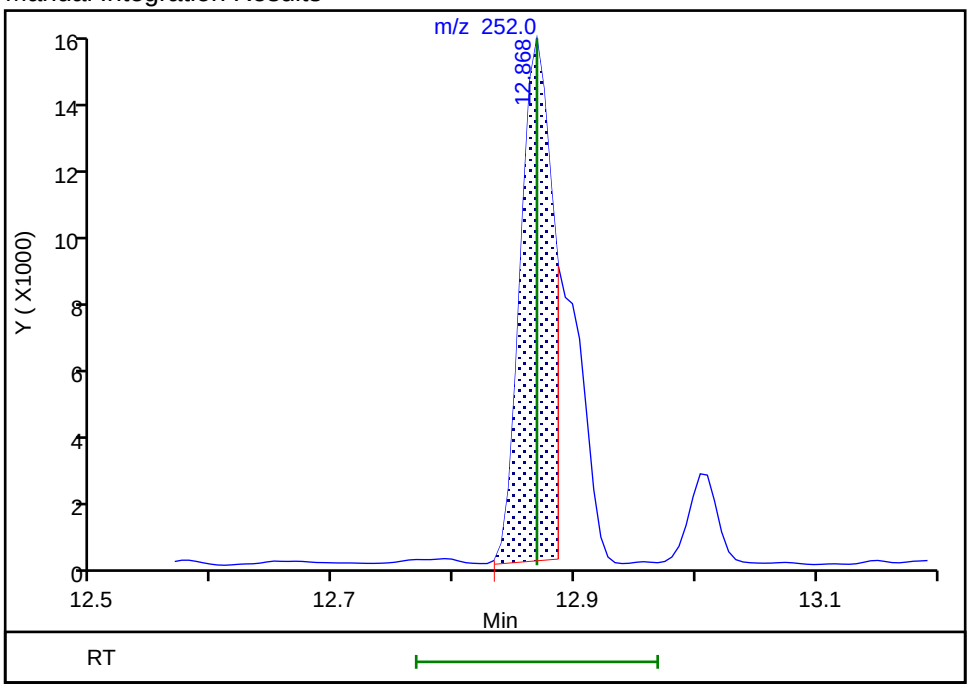
Processing Integration Results

RT: 12.87
Area: 40046
Amount: 12.987432
Amount Units: ug/ml



Manual Integration Results

RT: 12.87
Area: 29256
Amount: 9.488097
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 22:09:45

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

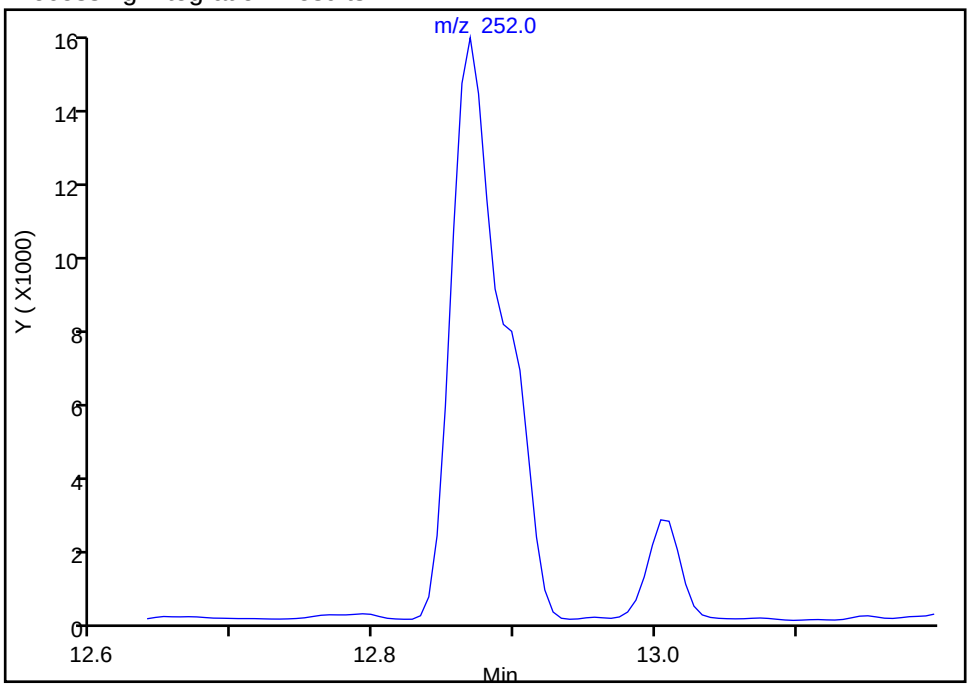
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

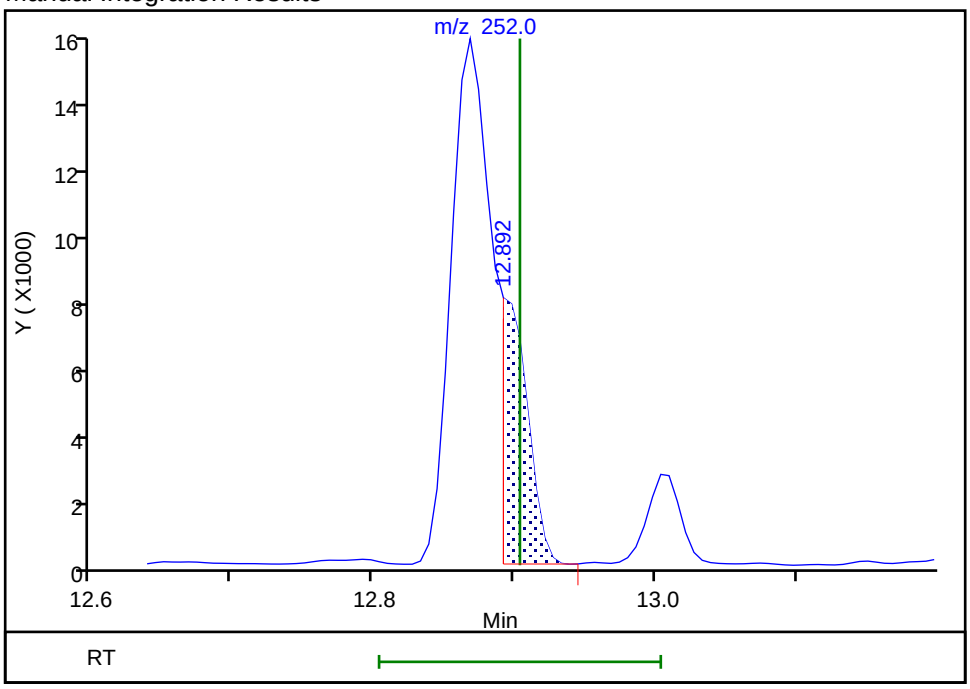
Not Detected
Expected RT: 12.90

Processing Integration Results



Manual Integration Results

RT: 12.89
Area: 10577
Amount: 3.424205
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:14:56
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins TestAmerica, Edison

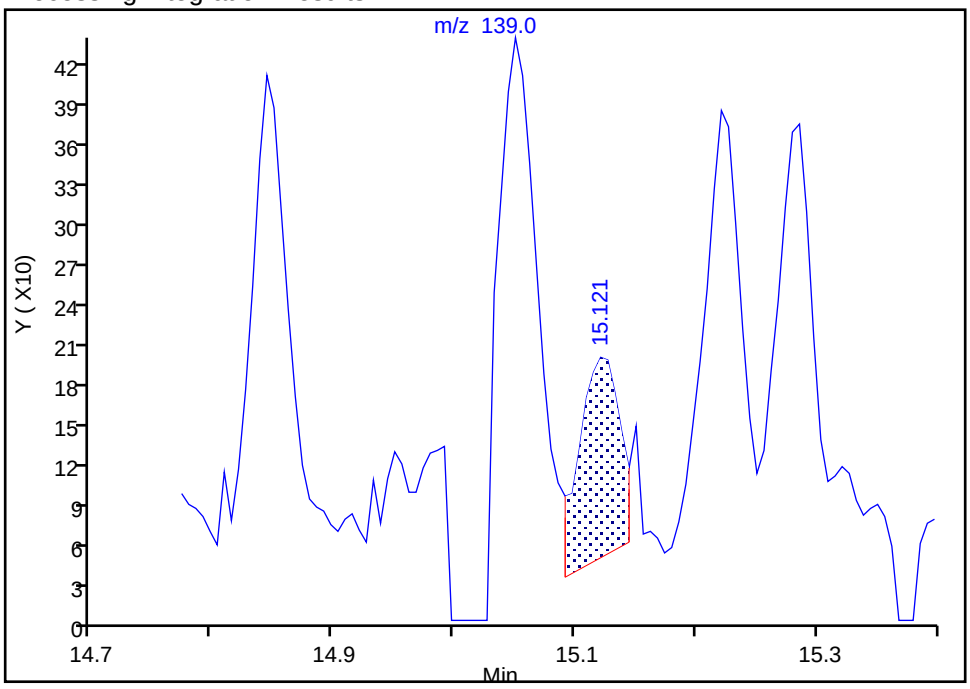
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 2

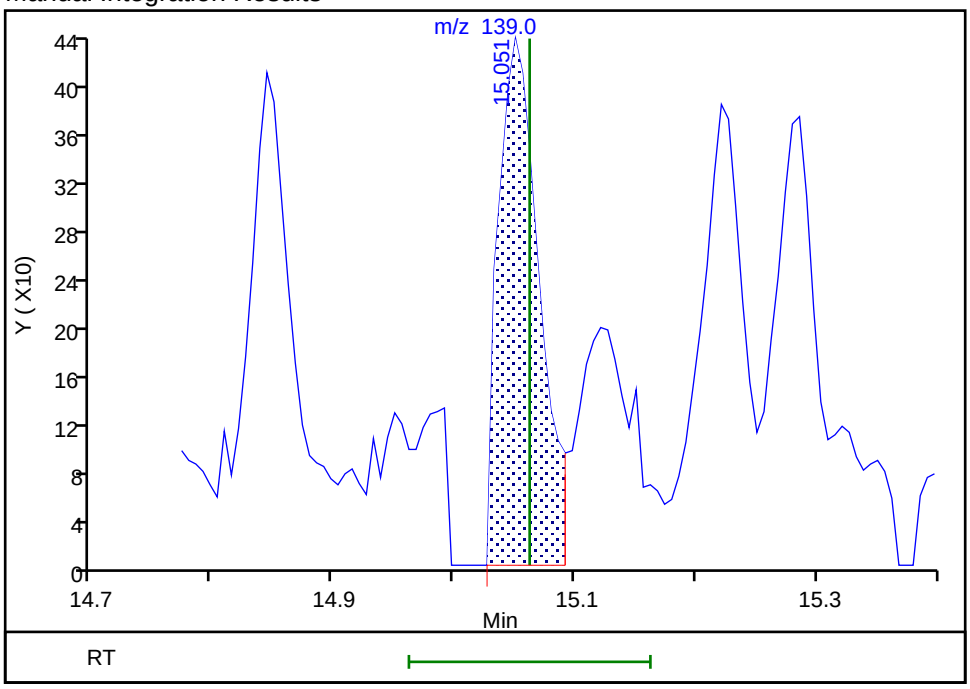
Processing Integration Results

RT: 15.12
Area: 360
Amount: 0.483772
Amount Units: ug/ml



Manual Integration Results

RT: 15.05
Area: 1020
Amount: 1.441939
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 22:09:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

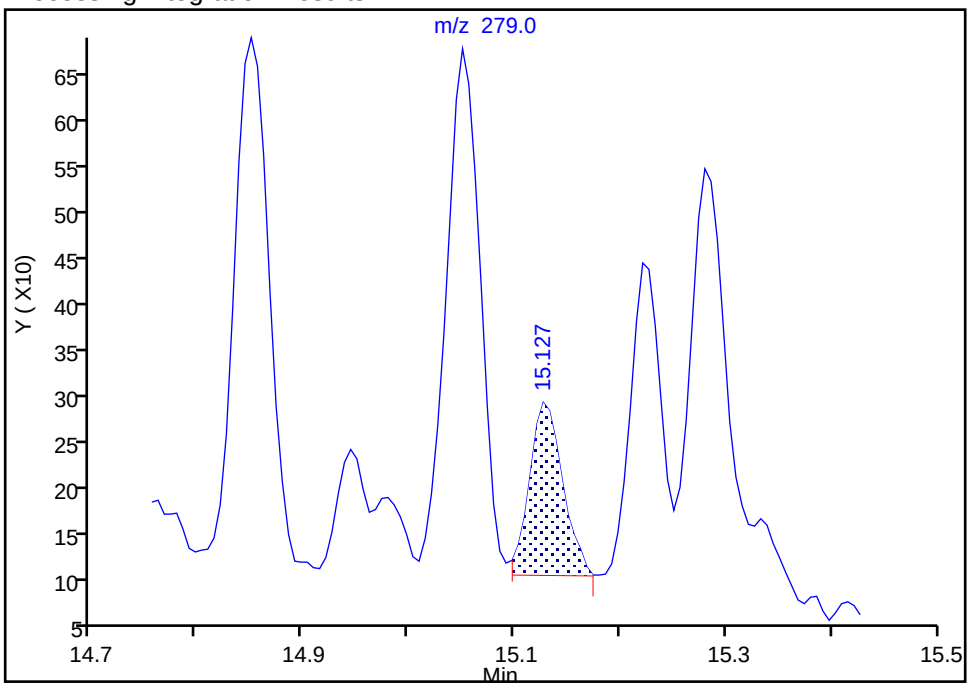
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 3

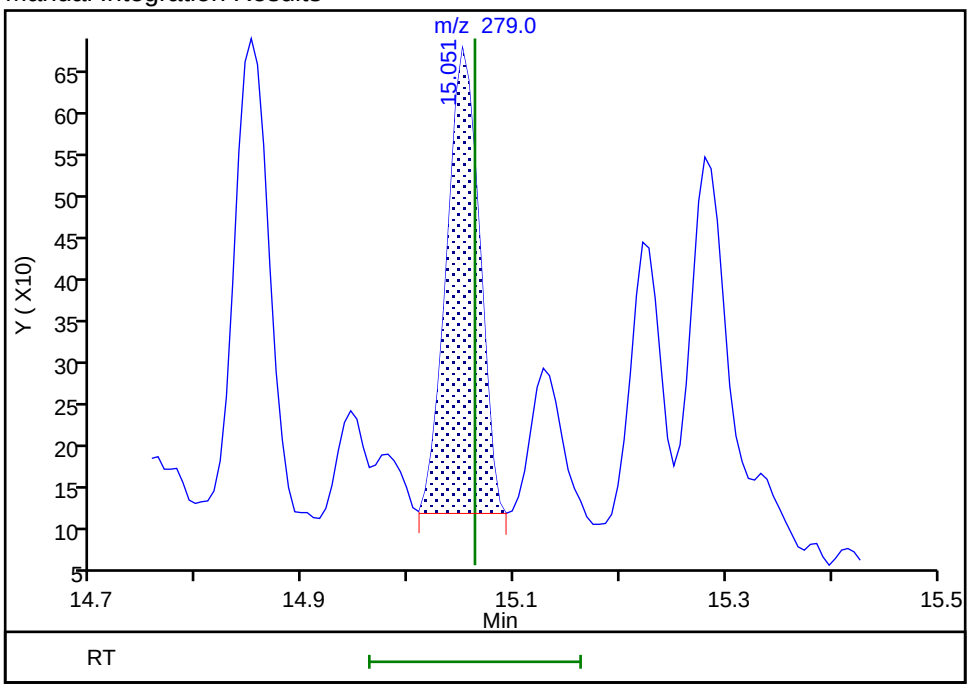
Processing Integration Results

RT: 15.13
Area: 409
Amount: 0.483772
Amount Units: ug/ml



Manual Integration Results

RT: 15.05
Area: 1208
Amount: 1.441939
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 22:09:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

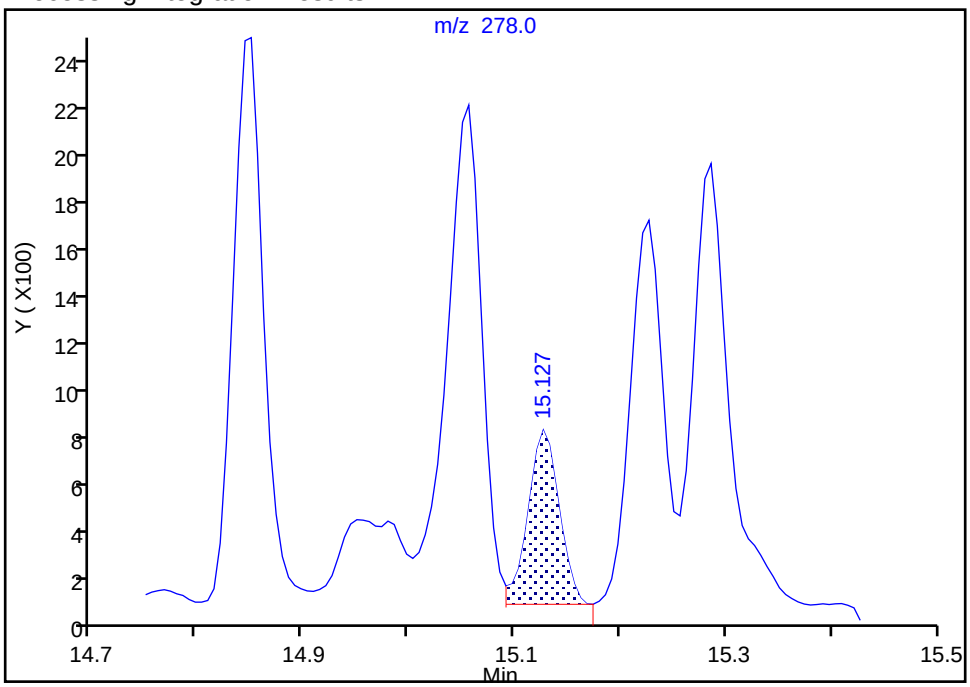
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

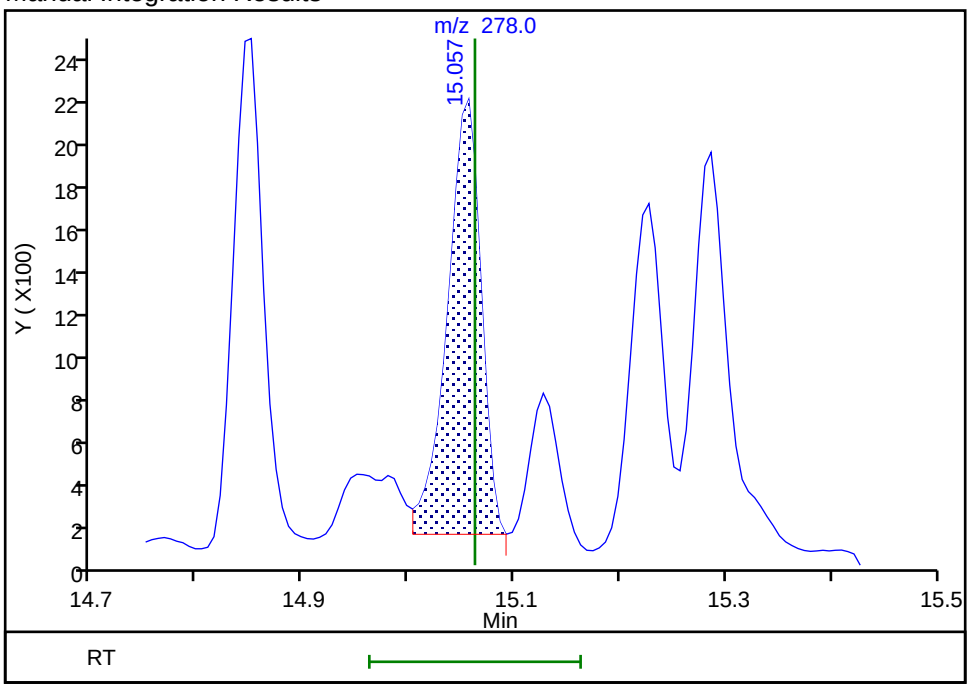
Processing Integration Results

RT: 15.13
Area: 1496
Amount: 0.483772
Amount Units: ug/ml



Manual Integration Results

RT: 15.06
Area: 4459
Amount: 1.441939
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:15:04
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

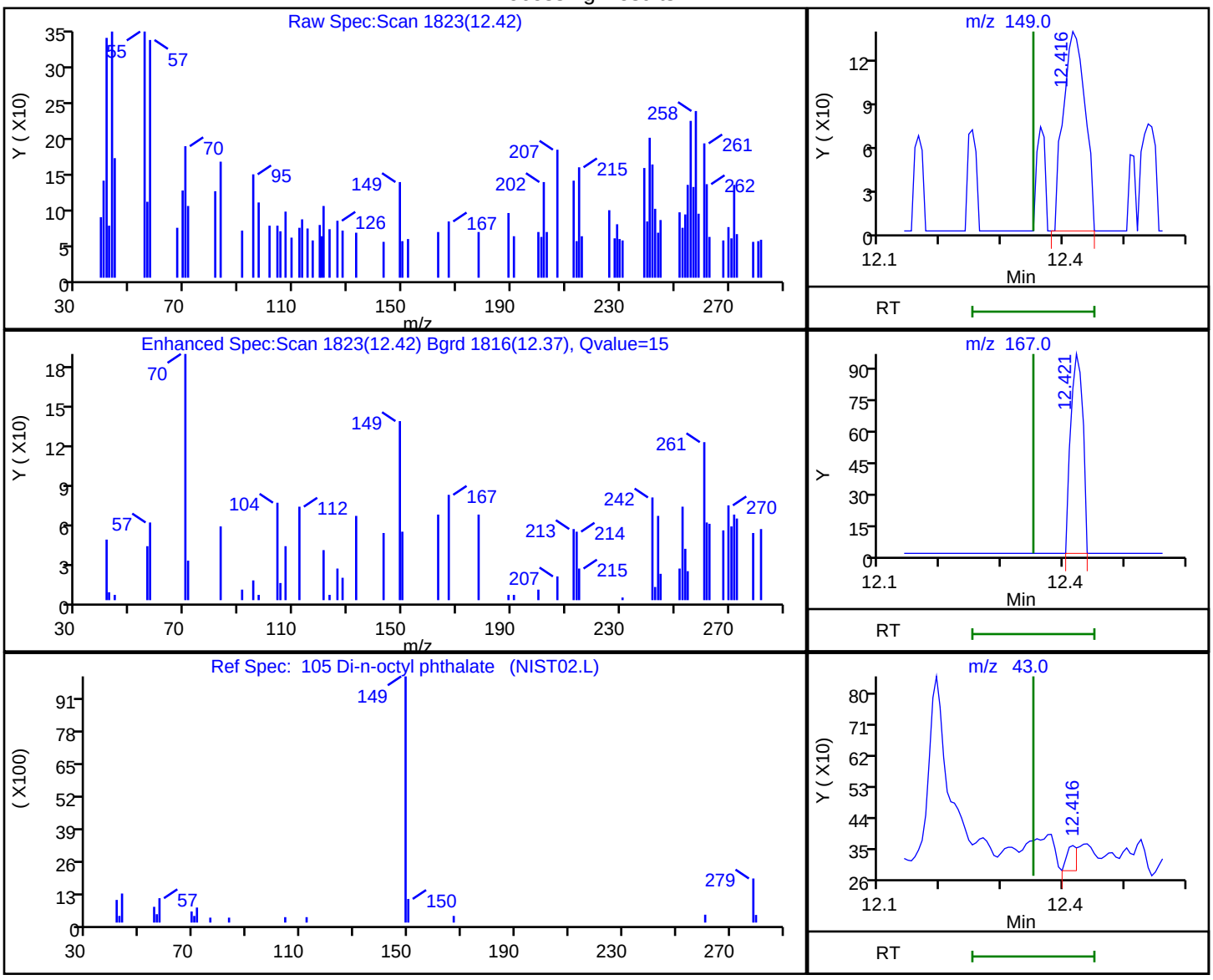
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.42	149.00	337	0.095103
12.42	167.00	133	
12.42	43.00	86	

Reviewer: hamziy, 28-Aug-2020 22:09:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

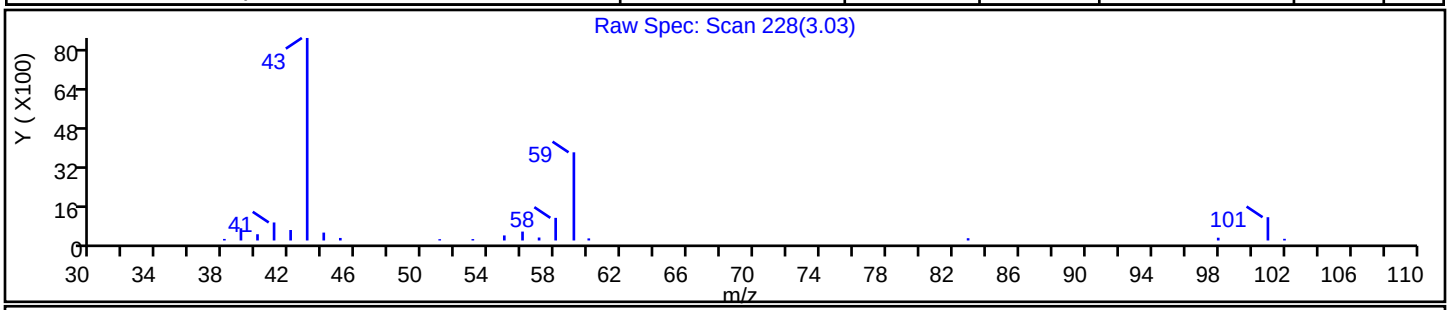
Report Date: 31-Aug-2020 11:16:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

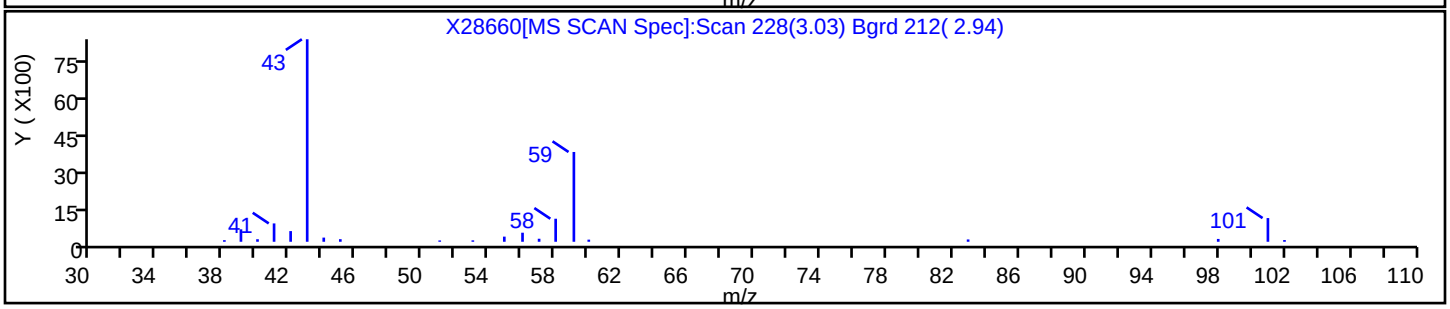
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d

Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

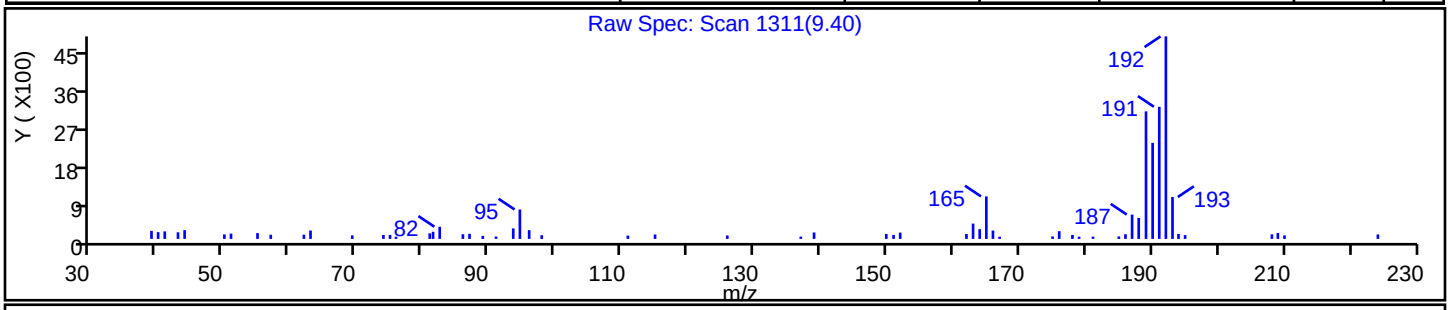


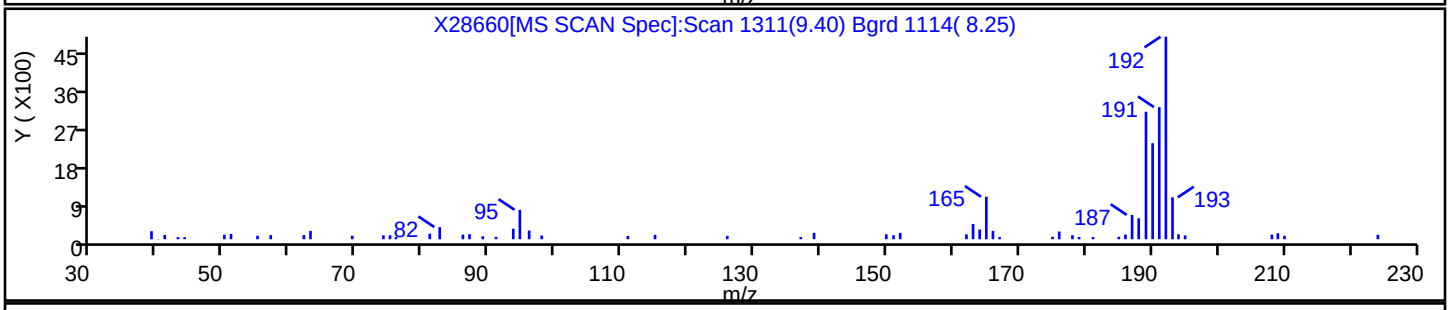


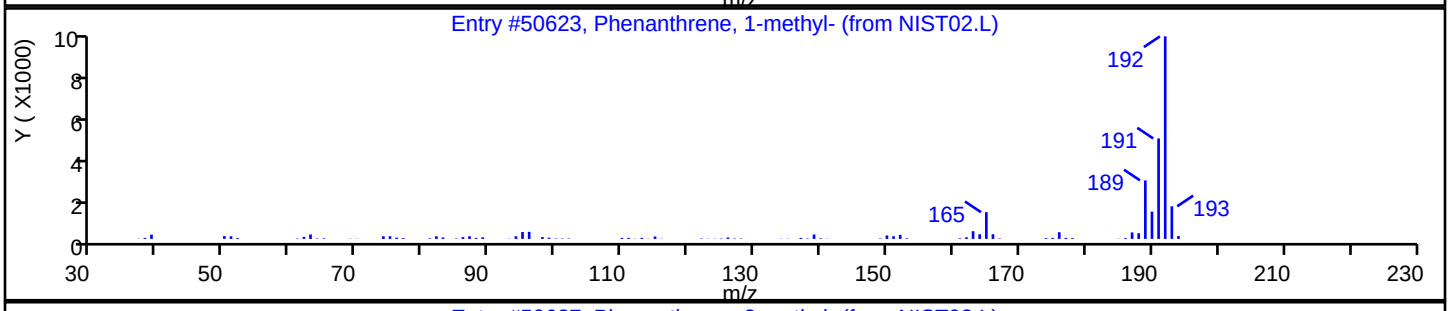
Eurofins TestAmerica, Edison

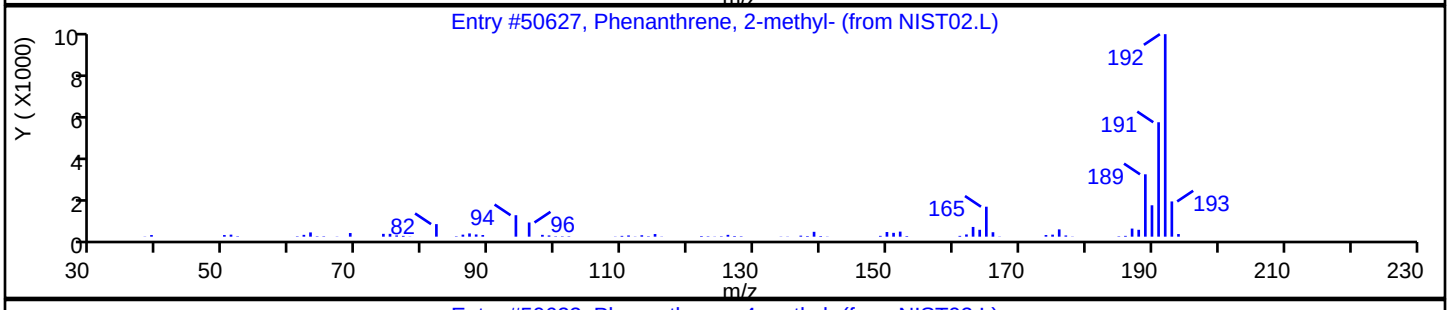
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d
Injection Date: 28-Aug-2020 21:50:30 Instrument ID: CBNAMS5
Lims ID: 460-216927-E-3-C Lab Sample ID: 460-216927-3
Client ID: SB-17_0-2_20200826
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

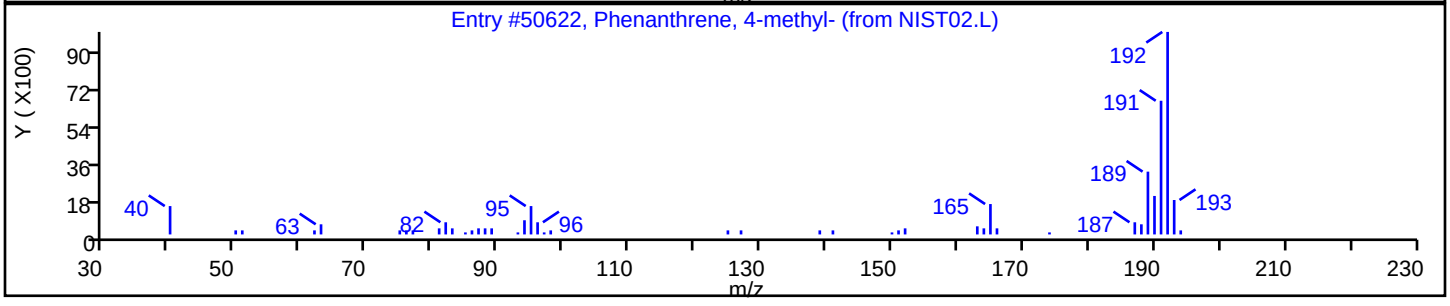
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	90
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50627	C15H12	192	83
Phenanthrene, 4-methyl-	832-64-4	NIST02.L	50622	C15H12	192	83











Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d

Injection Date: 28-Aug-2020 21:50:30 Instrument ID: CBNAMS5

Lims ID: 460-216927-E-3-C Lab Sample ID: 460-216927-3

Client ID: SB-17_0-2_20200826

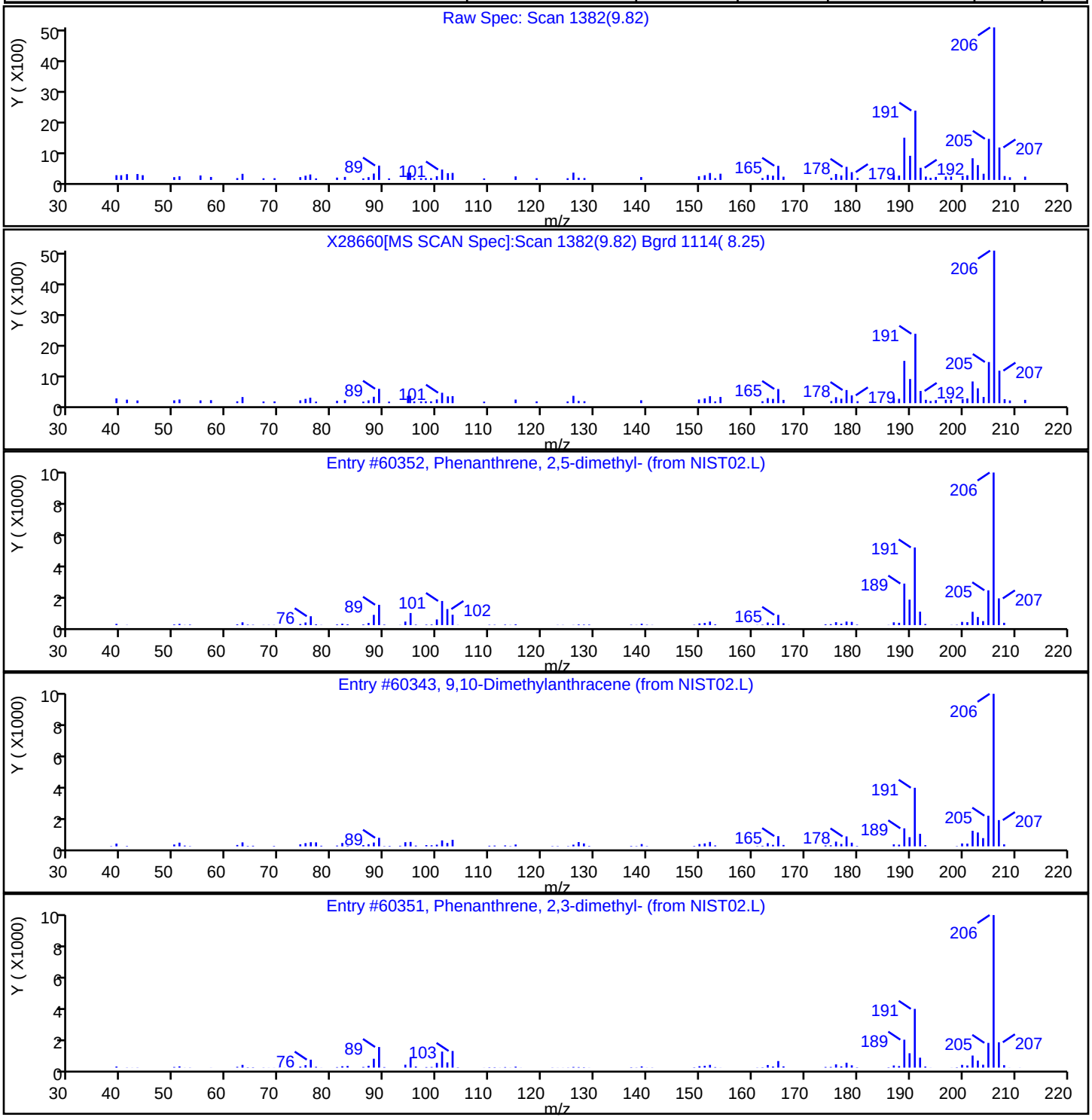
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST02.L	60352	C16H14	206	95
9,10-Dimethylanthracene	781-43-1	NIST02.L	60343	C16H14	206	93
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST02.L	60351	C16H14	206	93

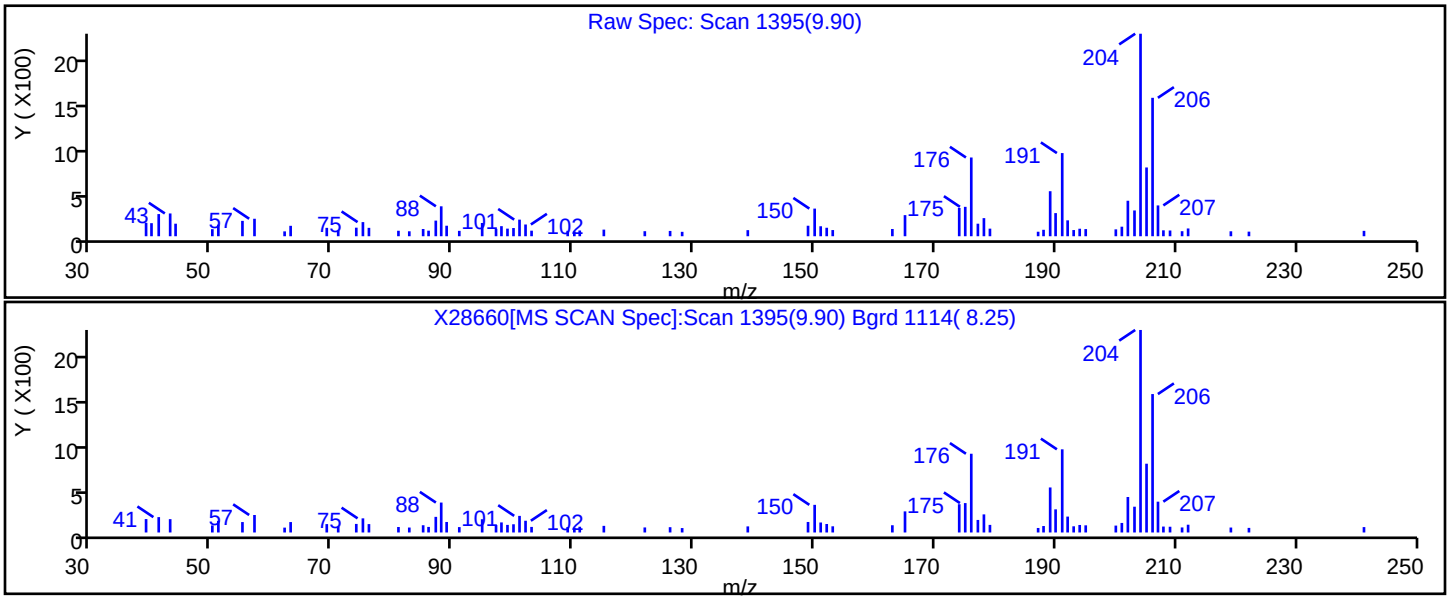


Report Date: 31-Aug-2020 11:16:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d

Injection Date: 28-Aug-2020 21:50:30 Instrument ID: CBNAMS5

Lims ID: 460-216927-E-3-C Lab Sample ID: 460-216927-3

Client ID: SB-17_0-2_20200826

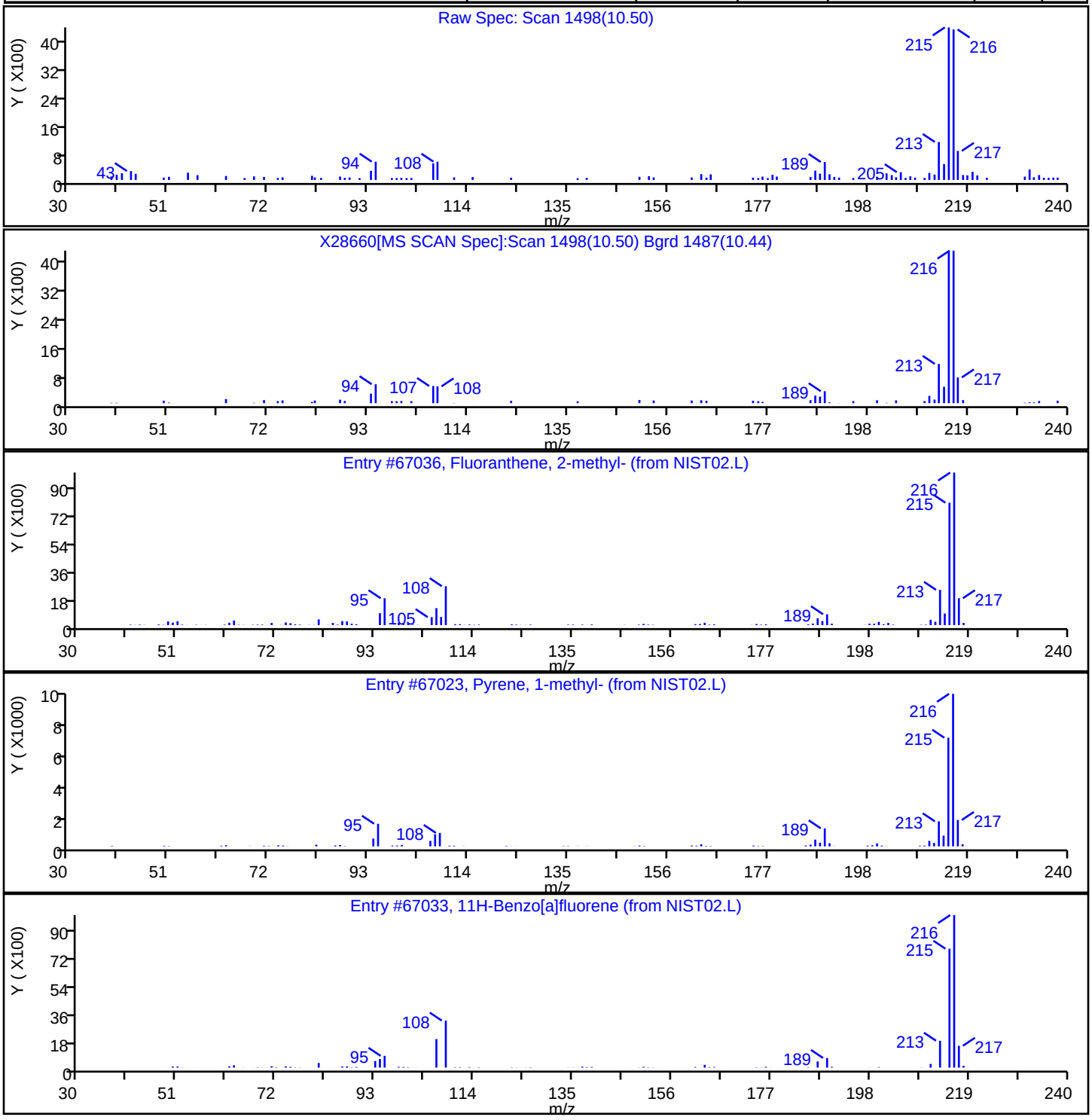
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Fluoranthene, 2-methyl-	33543-31-6	NIST02.L	67036	C17H12	216	96
Pyrene, 1-methyl-	2381-21-7	NIST02.L	67023	C17H12	216	93
11H-Benzo[a]fluorene	238-84-6	NIST02.L	67033	C17H12	216	90



Report Date: 31-Aug-2020 11:16:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d

Injection Date: 28-Aug-2020 21:50:30 Instrument ID: CBNAMS5

Lims ID: 460-216927-E-3-C Lab Sample ID: 460-216927-3

Client ID: SB-17_0-2_20200826

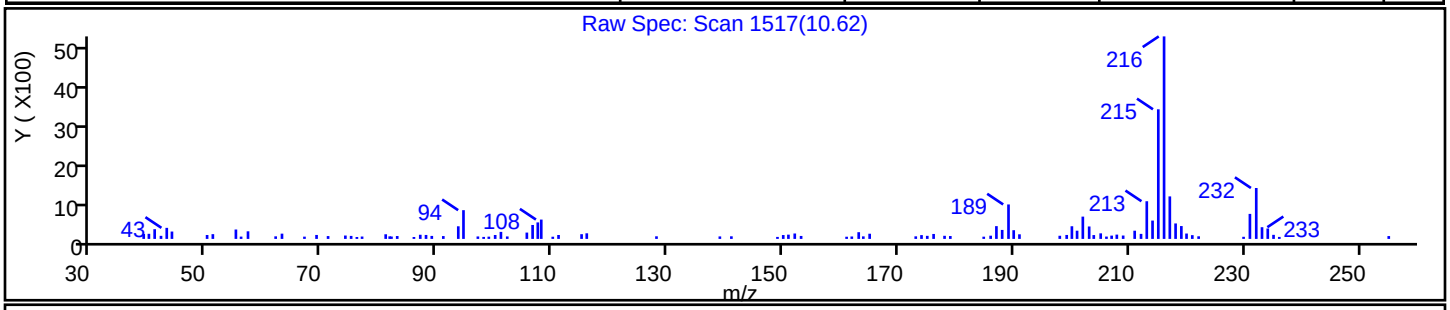
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

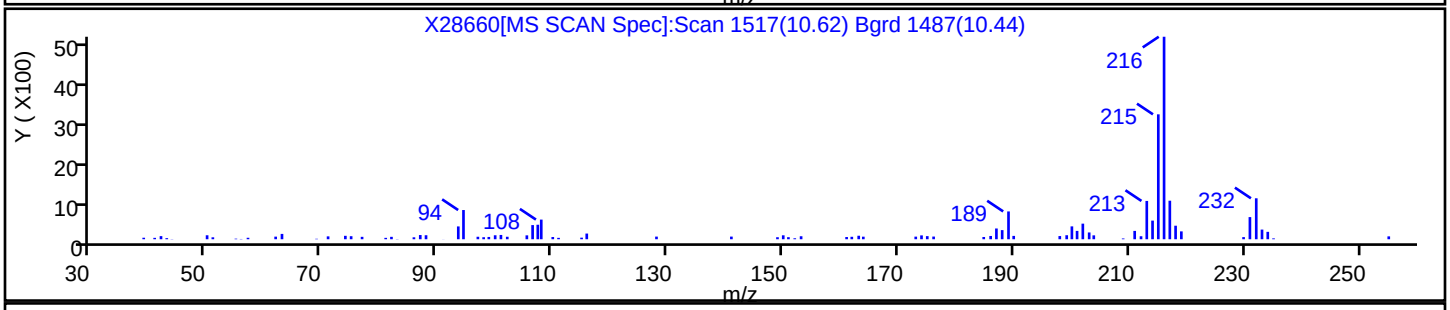
Injection Vol: 1.0 ul Dil. Factor: 1.0000

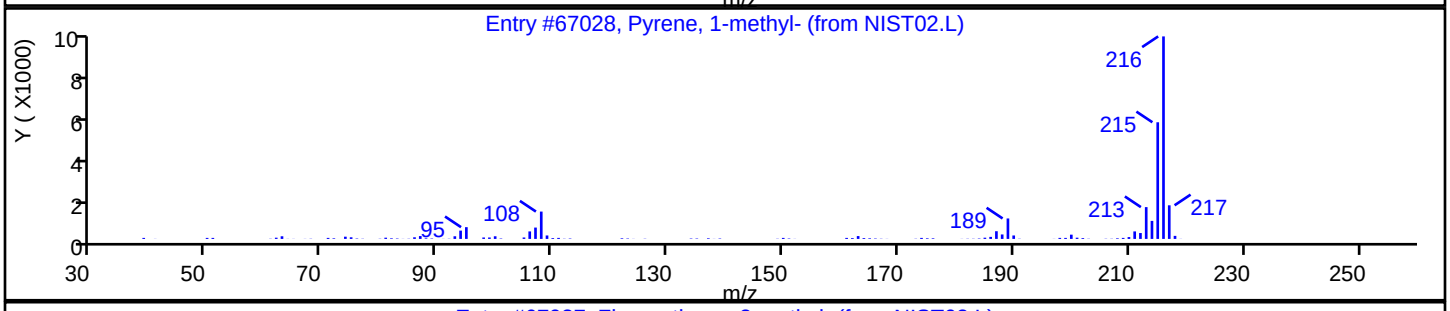
Method: 8270_5R Limit Group: SV 8270D ICAL

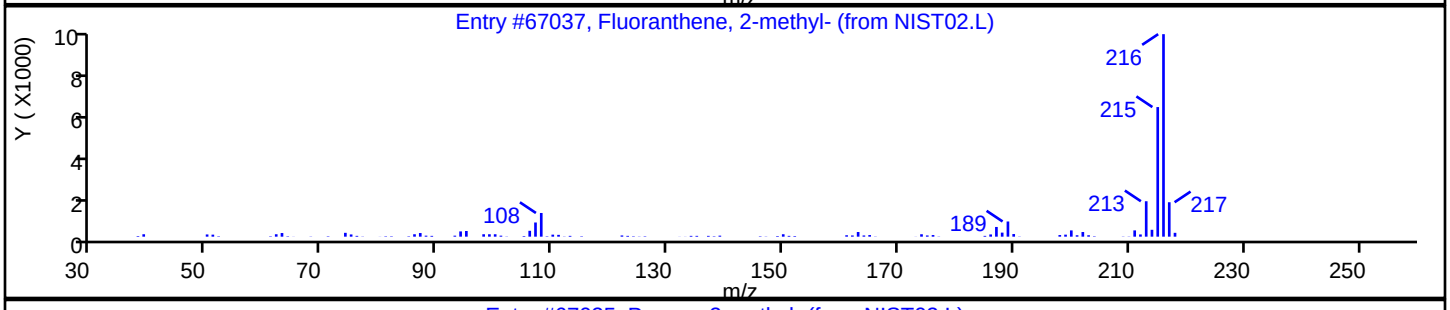
Column: Detector MS SCAN

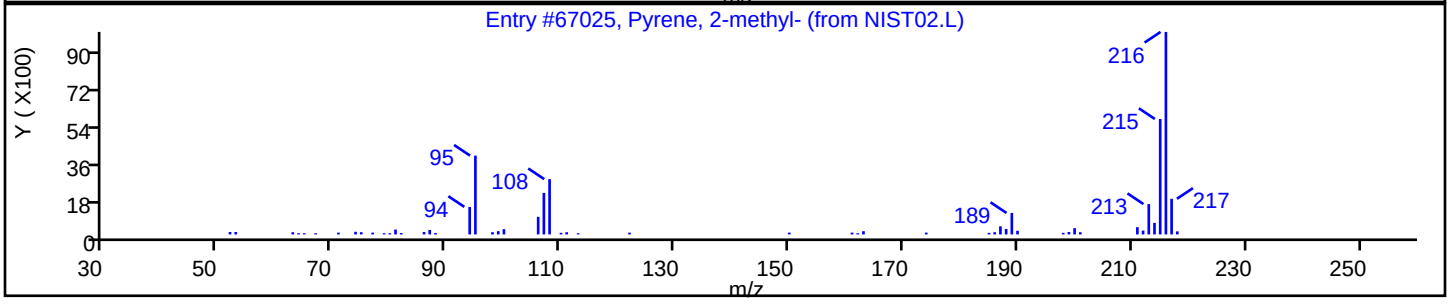
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pyrene, 1-methyl-	2381-21-7	NIST02.L	67028	C17H12	216	90
Fluoranthene, 2-methyl-	33543-31-6	NIST02.L	67037	C17H12	216	93
Pyrene, 2-methyl-	3442-78-2	NIST02.L	67025	C17H12	216	90







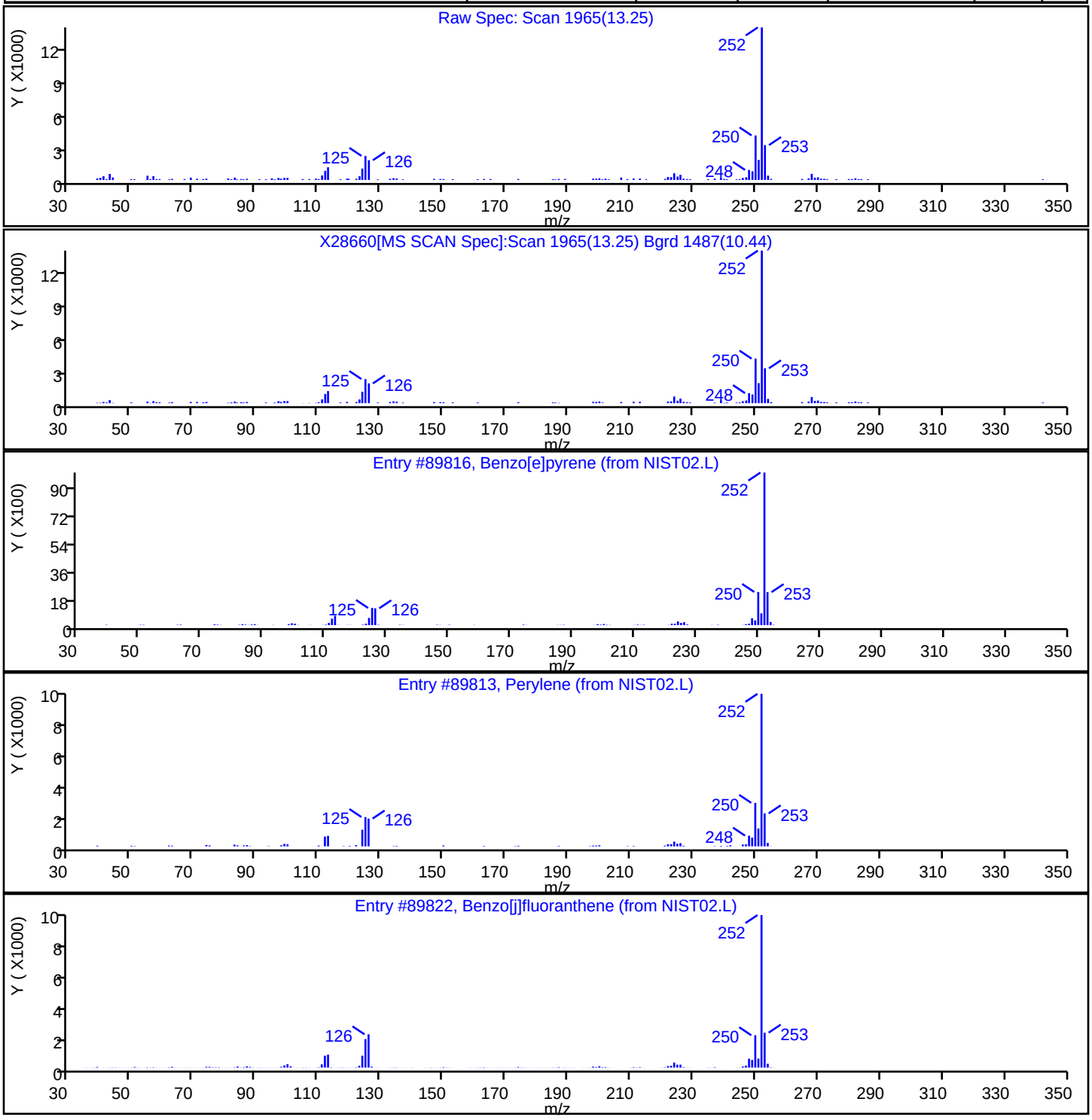




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d
Injection Date: 28-Aug-2020 21:50:30 Instrument ID: CBNAMS5
Lims ID: 460-216927-E-3-C Lab Sample ID: 460-216927-3
Client ID: SB-17_0-2_20200826
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	NIST02.L	89816	C20H12	252	98
Perylene	198-55-0	NIST02.L	89813	C20H12	252	98
Benzo[j]fluoranthene	205-82-3	NIST02.L	89822	C20H12	252	93

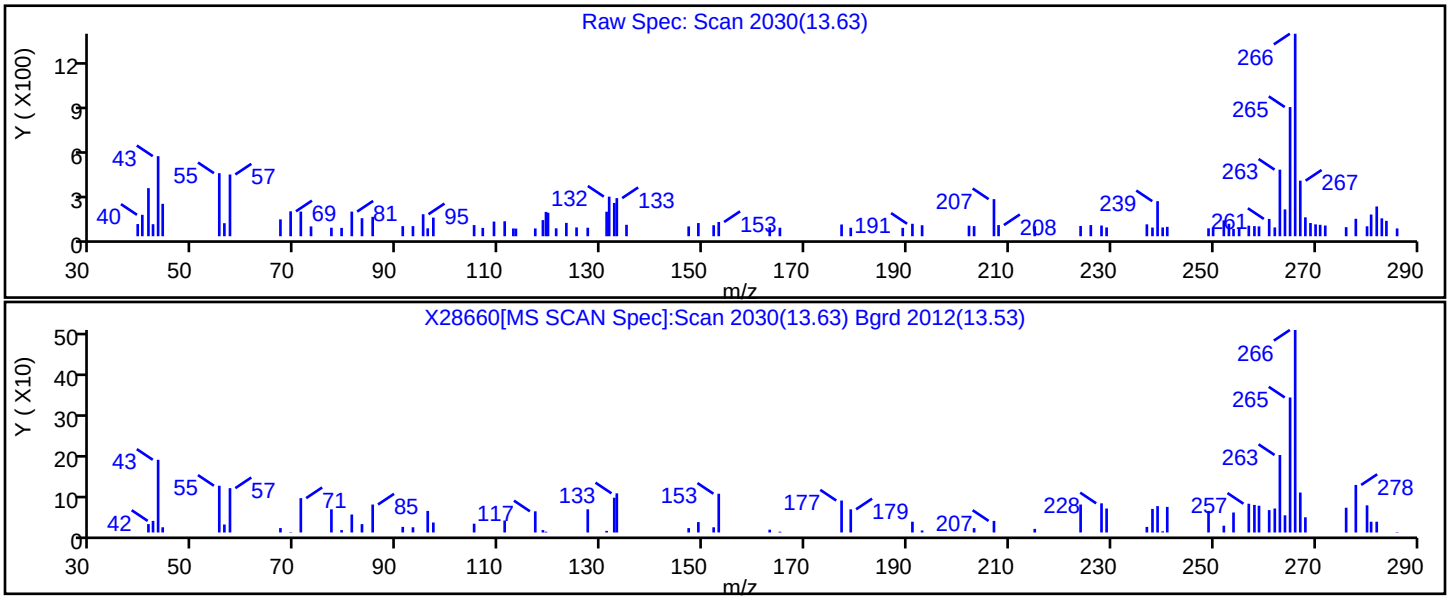


Report Date: 31-Aug-2020 11:16:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28660.d				
Injection Date:	28-Aug-2020 21:50:30	Instrument ID:	CBNAMS5		
Lims ID:	460-216927-E-3-C	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: Z57871.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 02:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0091	U F1	0.035	0.0091
95-50-1	1,2-Dichlorobenzene	0.0060	U F1	0.35	0.0060
541-73-1	1,3-Dichlorobenzene	0.0047	U F1	0.35	0.0047
106-46-7	1,4-Dichlorobenzene	0.013	U F1	0.35	0.013
123-91-1	1,4-Dioxane	0.0098	U F1	0.11	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	0.0064	U F1	0.35	0.0064
121-14-2	2,4-Dinitrotoluene	0.038	U F1	0.072	0.038
606-20-2	2,6-Dinitrotoluene	0.026	U F1	0.072	0.026
91-58-7	2-Chloronaphthalene	0.016	U F1	0.35	0.016
91-57-6	2-Methylnaphthalene	0.0099	U F1	0.35	0.0099
88-74-4	2-Nitroaniline	0.013	U F1	0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	0.053	U	0.14	0.053
99-09-2	3-Nitroaniline	0.040	U	0.35	0.040
101-55-3	4-Bromophenyl phenyl ether	0.014	U F1	0.35	0.014
106-47-8	4-Chloroaniline	0.025	U	0.35	0.025
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U F1	0.35	0.012
100-01-6	4-Nitroaniline	0.041	U	0.35	0.041
83-32-9	Acenaphthene	0.026	U F1	0.35	0.026
208-96-8	Acenaphthylene	0.0037	U F1	0.35	0.0037
120-12-7	Anthracene	0.011	U F1	0.35	0.011
56-55-3	Benzo[a]anthracene	0.012	U F1	0.035	0.012
50-32-8	Benzo[a]pyrene	0.0094	U F1	0.035	0.0094
205-99-2	Benzo[b]fluoranthene	0.0092	U	0.035	0.0092
191-24-2	Benzo[g,h,i]perylene	0.010	U F1	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.0069	U F1	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.028	U F1	0.35	0.028
111-44-4	Bis(2-chloroethyl)ether	0.012	U F1	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.019	U F1	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.017	U F1	0.35	0.017
86-74-8	Carbazole	0.013	U F1	0.35	0.013
218-01-9	Chrysene	0.0060	U F1	0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	0.015	U F1	0.035	0.015
132-64-9	Dibenzofuran	0.0050	U F1	0.35	0.0050
84-66-2	Diethyl phthalate	0.0051	U F1	0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: Z57871.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 02:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.080	U F1	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.062	U F1	0.35	0.062
117-84-0	Di-n-octyl phthalate	0.019	U F1	0.35	0.019
206-44-0	Fluoranthene	0.012	U F1	0.35	0.012
86-73-7	Fluorene	0.0048	U F1	0.35	0.0048
118-74-1	Hexachlorobenzene	0.017	U F1	0.035	0.017
87-68-3	Hexachlorobutadiene	0.0075	U F1	0.072	0.0075
77-47-4	Hexachlorocyclopentadiene	0.031	U	0.35	0.031
67-72-1	Hexachloroethane	0.012	U F1	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.014	U F1	0.035	0.014
78-59-1	Isophorone	0.10	U F1	0.14	0.10
91-20-3	Naphthalene	0.0061	U F1	0.35	0.0061
98-95-3	Nitrobenzene	0.0085	U F1	0.035	0.0085
621-64-7	N-Nitrosodi-n-propylamine	0.026	U F1	0.035	0.026
86-30-6	N-Nitrosodiphenylamine	0.0068	U F1	0.35	0.0068
85-01-8	Phenanthrene	0.0062	U F1	0.35	0.0062
129-00-0	Pyrene	0.0088	U F1	0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	44		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	47		19-105
1718-51-0	Terphenyl-d14 (Surr)	66		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: Z57871.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 02:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.63	1.5	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d				
Lims ID:	460-217009-E-1-C				
Client ID:	SB-10_1-3_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 02:48:30	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-007				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:22:21	Calib Date:	12-Aug-2020 19:02:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:48:38		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.931	2.919	0.012	88	450498	27.2	
$ 6 Phenol-d5	99	3.825	3.831	-0.006	99	607071	28.1	
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	97	503752	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	476913	23.4	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	1903297	40.0	
$ 51 2-Fluorobiphenyl	172	6.442	6.448	-0.006	97	904608	22.2	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1090910	40.0	
$ 80 2,4,6-Tribromophenol	330	7.842	7.848	-0.006	95	203866	29.5	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2118569	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1613792	33.0	
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	1779616	40.0	
108 Benzo[a]pyrene	252	12.901	12.907	-0.006	95	2927	0.0717	
* 109 Perylene-d12	264	12.983	12.983	0.000	100	1541877	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d				
Lims ID:	460-217009-E-1-C				
Client ID:	SB-10_1-3_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 02:48:30	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-007				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:22:21	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:48:38		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.631	1561265	20.8	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3005535	40.0

QC Flag Legend

Processing Flags

Reagents:

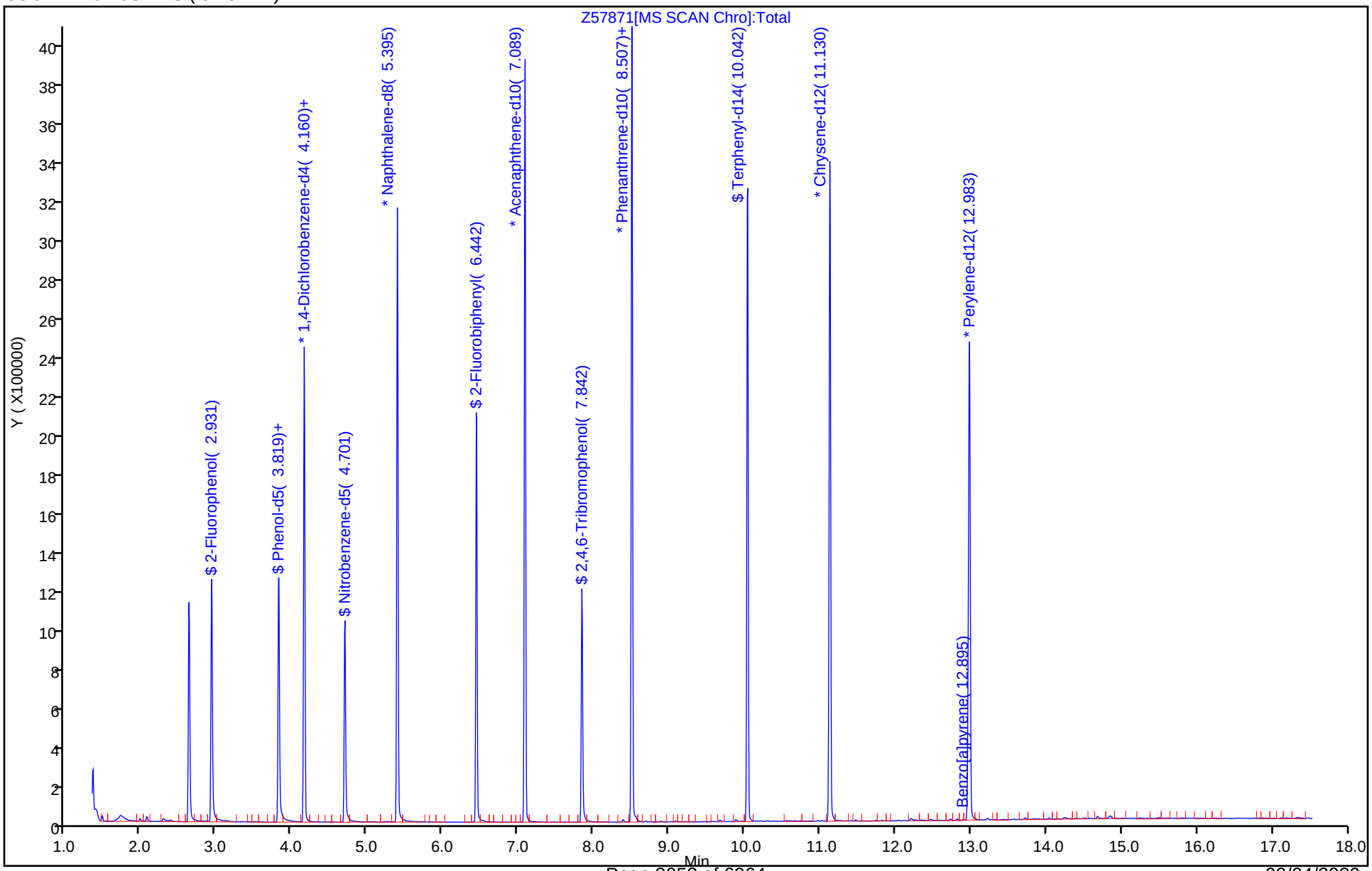
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:22:21 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d				
Injection Date:	29-Aug-2020 02:48:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-1-C	Lab Sample ID:	460-217009-1	Worklist Smp#:	7
Client ID:	SB-10_1-3_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



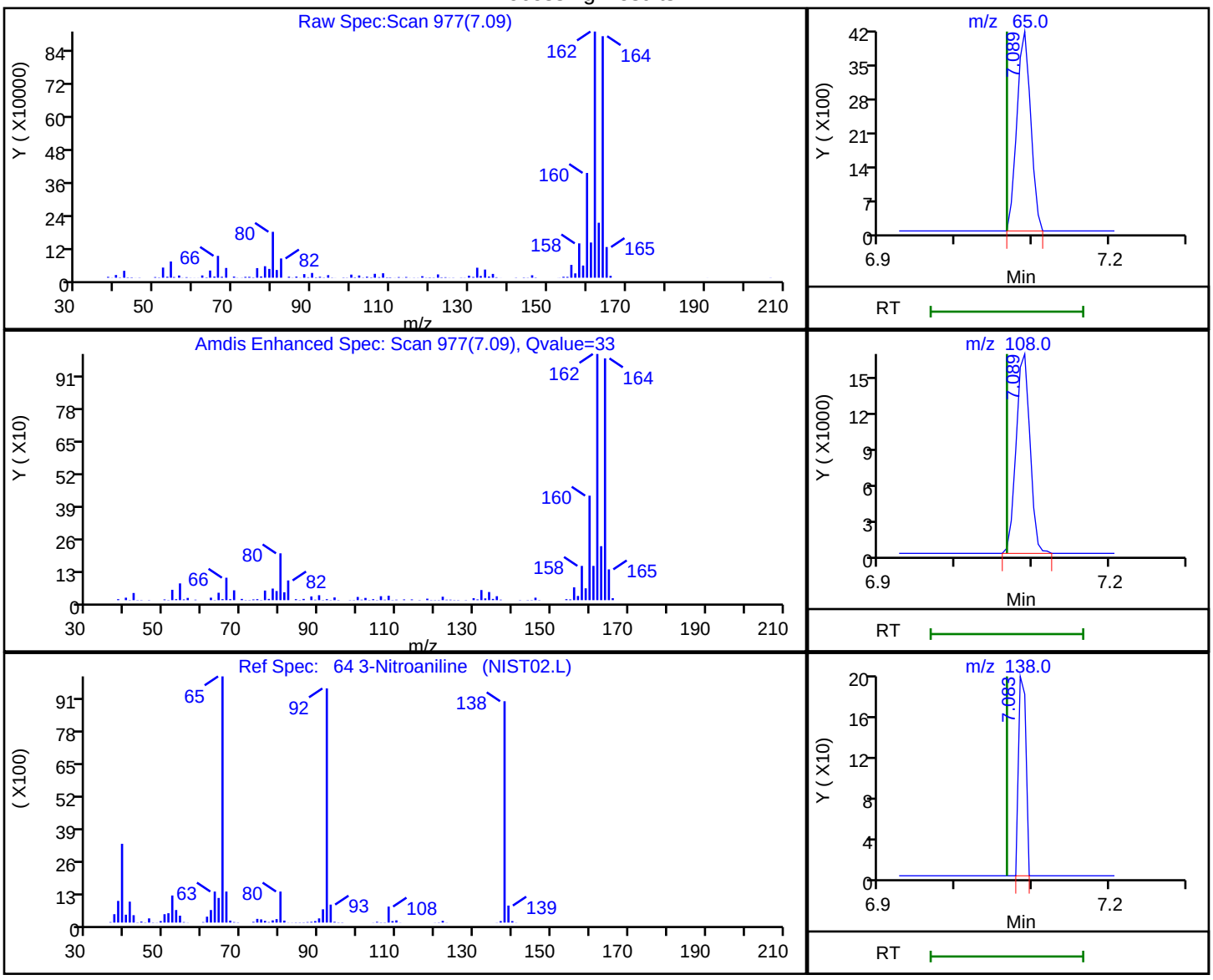
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d				
Injection Date:	29-Aug-2020 02:48:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-1-C	Lab Sample ID:	460-217009-1		
Client ID:	SB-10_1-3_20200827				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	5152	0.349487
7.09	108.00	20664	
7.08	138.00	129	

Reviewer: hamziy, 29-Aug-2020 19:48:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

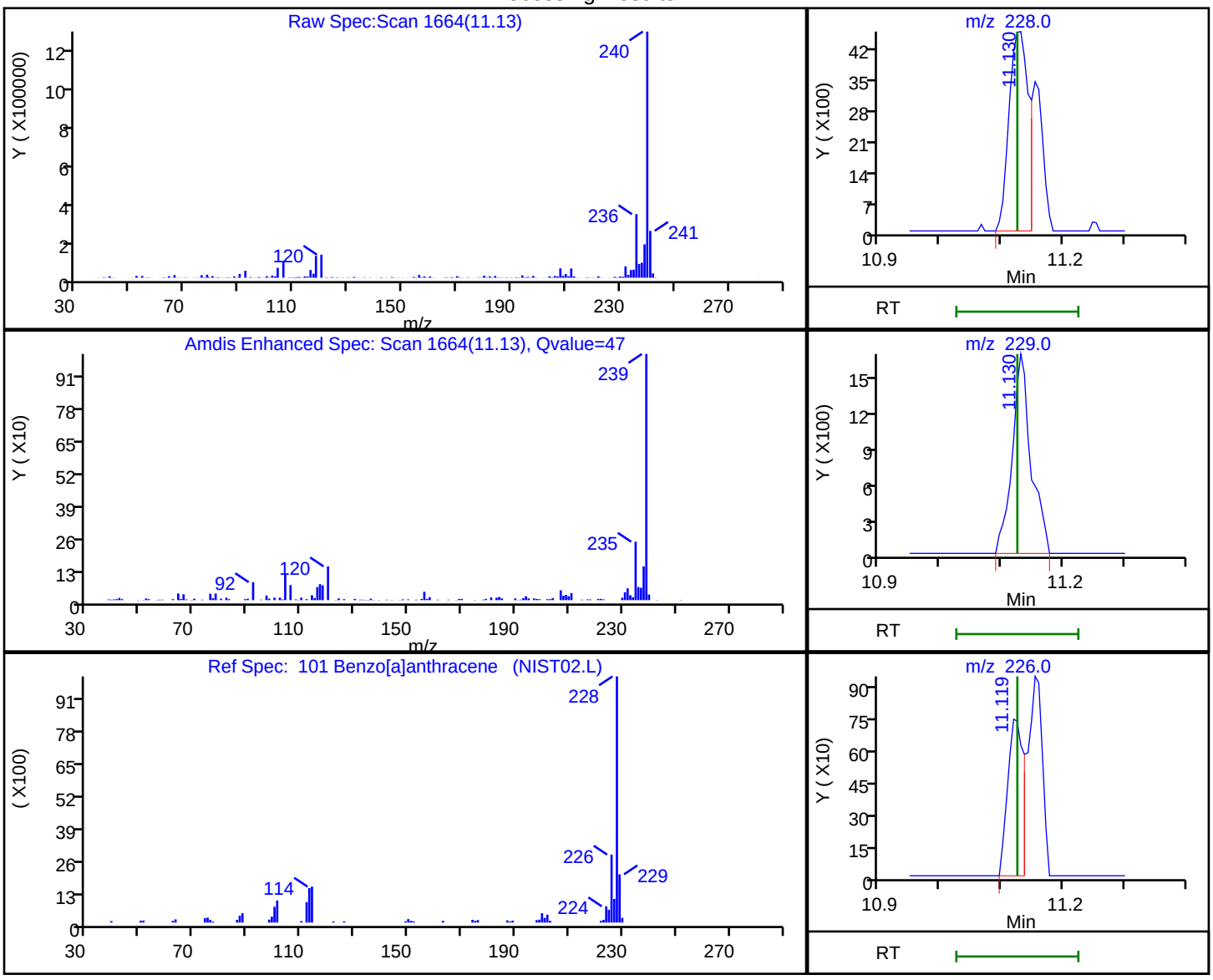
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d				
Injection Date:	29-Aug-2020 02:48:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-1-C	Lab Sample ID:	460-217009-1		
Client ID:	SB-10_1-3_20200827				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.13	228.00	10290	0.162090
11.13	229.00	3610	
11.12	226.00	1330	

Reviewer: khlungprakhons, 31-Aug-2020 11:22:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

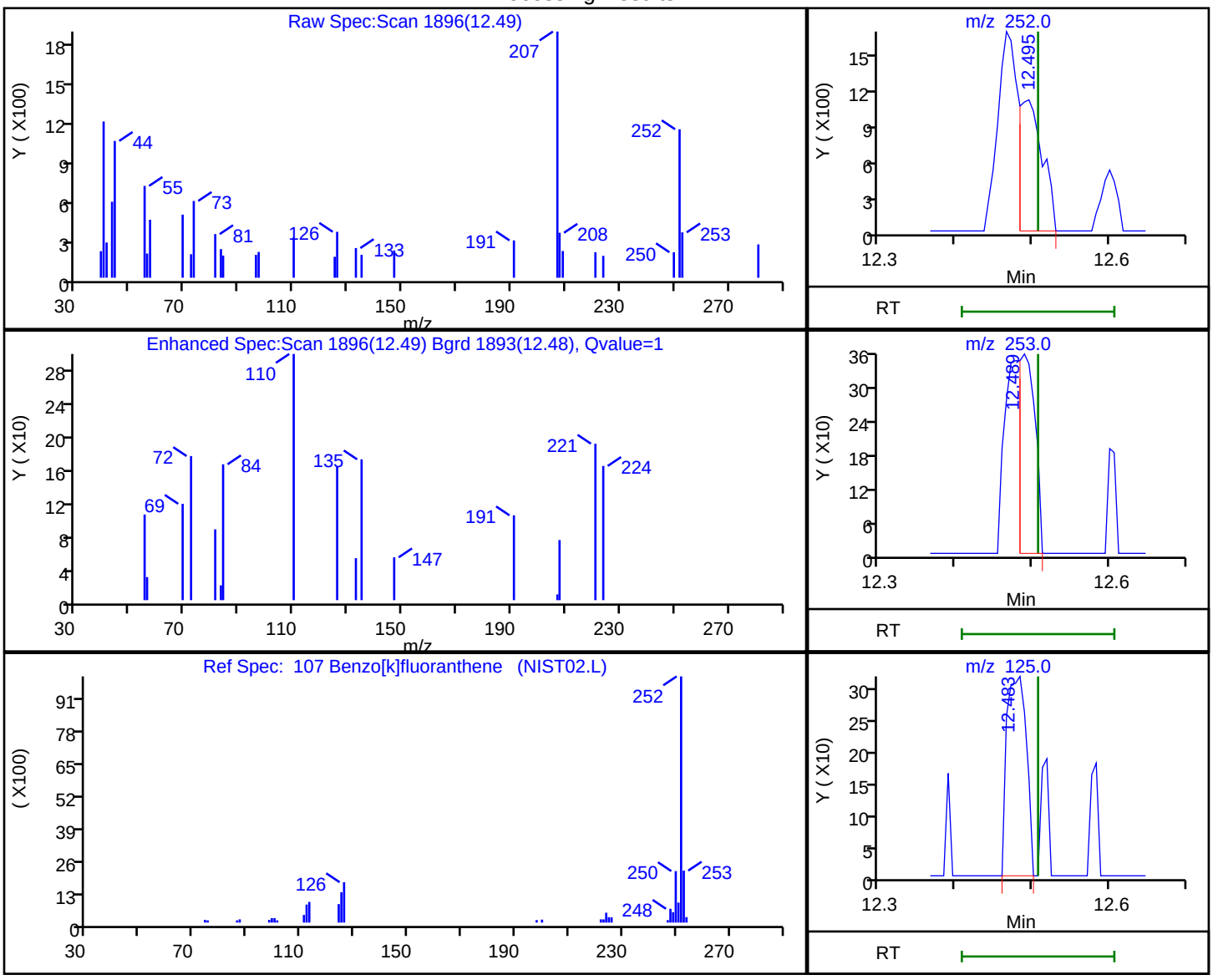
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d				
Injection Date:	29-Aug-2020 02:48:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-1-C	Lab Sample ID:	460-217009-1		
Client ID:	SB-10_1-3_20200827				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Processing Results



RT	Mass	Response	Amount
12.49	252.00	2325	0.048170
12.49	253.00	529	
12.48	125.00	564	

Reviewer: khlungprakhons, 31-Aug-2020 11:22:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

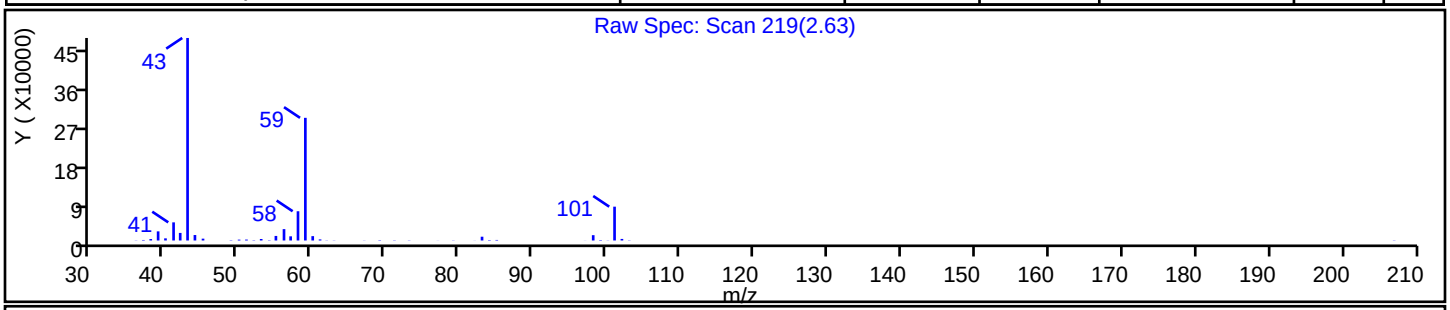
Report Date: 31-Aug-2020 11:22:21 Chrom Revision: 2.3 20-Aug-2020 13:57:12

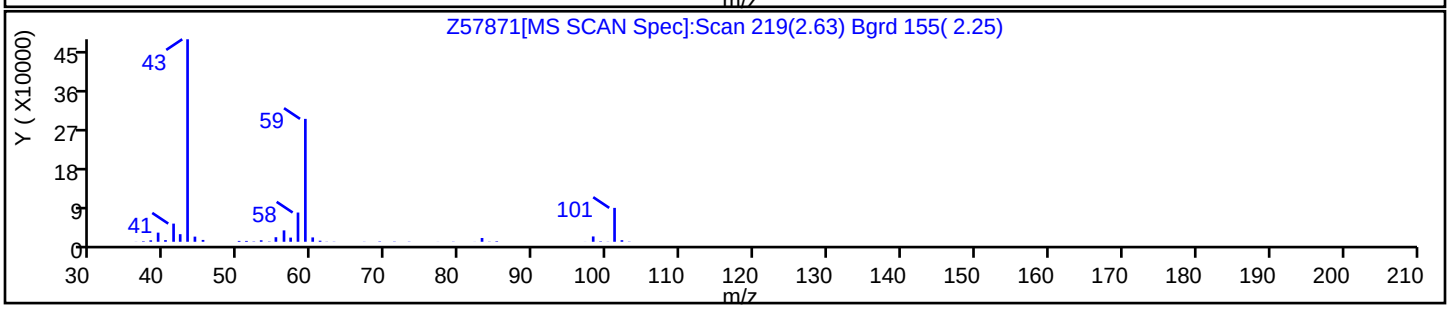
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57871.d

Injection Date:	29-Aug-2020 02:48:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-1-C	Lab Sample ID:	460-217009-1		
Client ID:	SB-10_1-3_20200827				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						





FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: Z57874.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:40

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0091	U	0.035	0.0091
95-50-1	1,2-Dichlorobenzene	0.0060	U	0.35	0.0060
541-73-1	1,3-Dichlorobenzene	0.0047	U	0.35	0.0047
106-46-7	1,4-Dichlorobenzene	0.013	U	0.35	0.013
123-91-1	1,4-Dioxane	0.0097	U	0.11	0.0097
108-60-1	2,2'-oxybis[1-chloropropane]	0.0064	U	0.35	0.0064
121-14-2	2,4-Dinitrotoluene	0.038	U	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.025	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.35	0.016
91-57-6	2-Methylnaphthalene	0.0099	U	0.35	0.0099
88-74-4	2-Nitroaniline	0.013	U	0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	0.053	U	0.14	0.053
99-09-2	3-Nitroaniline	0.040	U	0.35	0.040
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.35	0.014
106-47-8	4-Chloroaniline	0.025	U	0.35	0.025
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012
100-01-6	4-Nitroaniline	0.041	U	0.35	0.041
83-32-9	Acenaphthene	0.026	U	0.35	0.026
208-96-8	Acenaphthylene	0.0036	U	0.35	0.0036
120-12-7	Anthracene	0.011	U	0.35	0.011
56-55-3	Benzo[a]anthracene	0.012	U	0.035	0.012
50-32-8	Benzo[a]pyrene	0.0094	U	0.035	0.0094
205-99-2	Benzo[b]fluoranthene	0.0091	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.010	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.0069	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.017	U	0.35	0.017
86-74-8	Carbazole	0.013	U	0.35	0.013
218-01-9	Chrysene	0.0060	U	0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.035	0.015
132-64-9	Dibenzofuran	0.0050	U	0.35	0.0050
84-66-2	Diethyl phthalate	0.0051	U	0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: Z57874.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:40

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.080	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.062	U	0.35	0.062
117-84-0	Di-n-octyl phthalate	0.019	U	0.35	0.019
206-44-0	Fluoranthene	0.012	U	0.35	0.012
86-73-7	Fluorene	0.0048	U	0.35	0.0048
118-74-1	Hexachlorobenzene	0.017	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.0075	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.031	U	0.35	0.031
67-72-1	Hexachloroethane	0.012	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.014	U	0.035	0.014
78-59-1	Isophorone	0.10	U	0.14	0.10
91-20-3	Naphthalene	0.0061	U	0.35	0.0061
98-95-3	Nitrobenzene	0.0085	U	0.035	0.0085
621-64-7	N-Nitrosodi-n-propylamine	0.026	U	0.035	0.026
86-30-6	N-Nitrosodiphenylamine	0.0068	U	0.35	0.0068
85-01-8	Phenanthrene	0.0062	U	0.35	0.0062
129-00-0	Pyrene	0.0088	U	0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	44		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	45		19-105
1718-51-0	Terphenyl-d14 (Surr)	52		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: Z57874.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:40

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.75

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.67	0.75	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d
Lims ID: 460-217009-E-2-A
Client ID: SB-10_17-19_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 03:58:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-010
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:24:13 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:49:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.154	4.160	-0.006	98	602816	40.0	
$ 26 Nitrobenzene-d5	82	4.695	4.707	-0.012	92	553939	22.4	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2306161	40.0	
$ 51 2-Fluorobiphenyl	172	6.442	6.448	-0.006	98	1103005	22.2	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1325006	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2581226	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1556891	26.1	
* 102 Chrysene-d12	240	11.136	11.136	0.000	99	2174010	40.0	
* 109 Perylene-d12	264	12.983	12.983	0.000	99	1781515	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Lims ID:	460-217009-E-2-A				
Client ID:	SB-10_17-19_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 03:58:30	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-010				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:24:13	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:49:58		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.672	956492	10.6	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.154	3605010	40.0

QC Flag Legend

Processing Flags

Reagents:

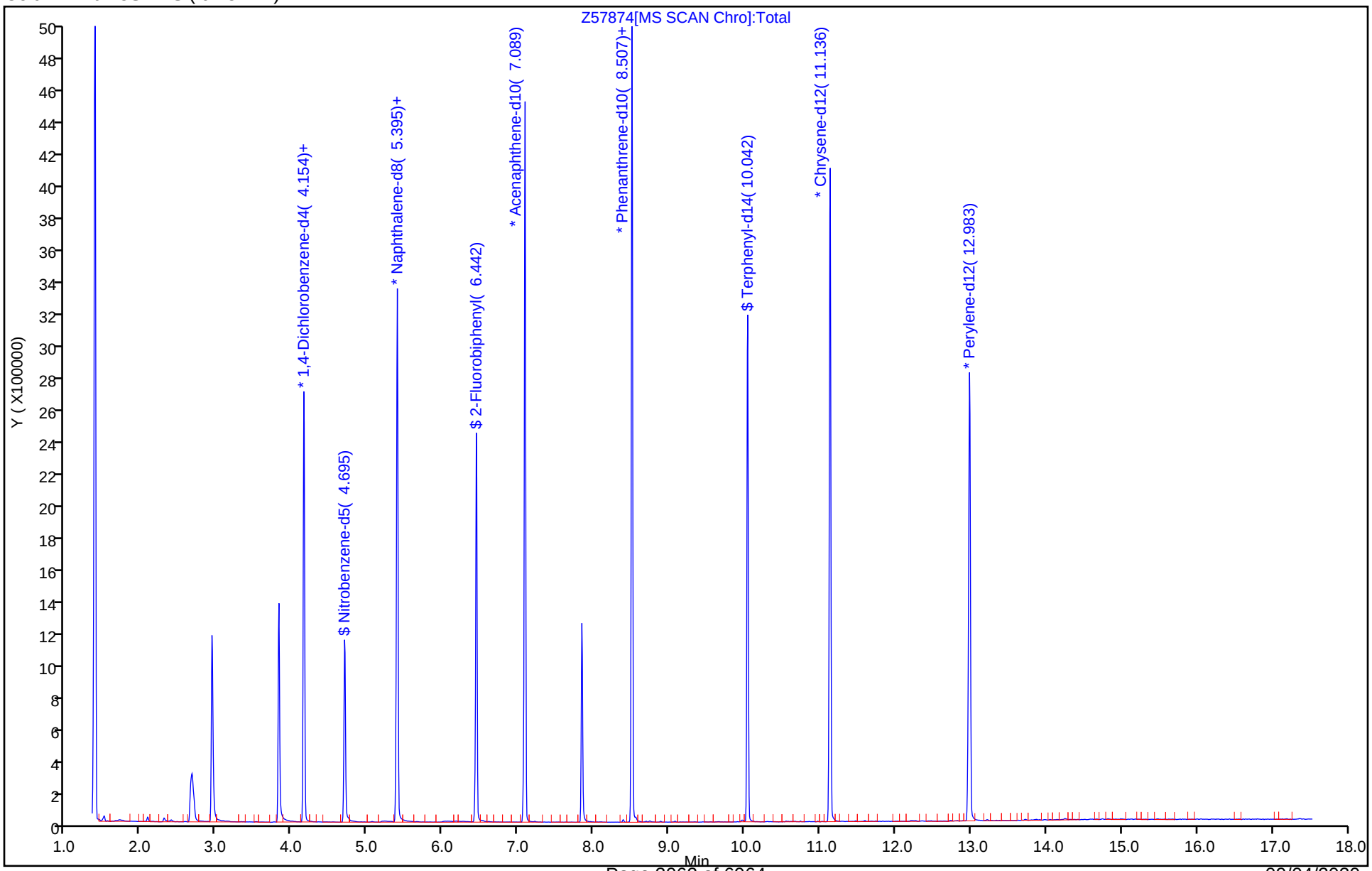
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:24:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Injection Date:	29-Aug-2020 03:58:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-2-A	Lab Sample ID:	460-217009-2	Worklist Smp#:	10
Client ID:	SB-10_17-19_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



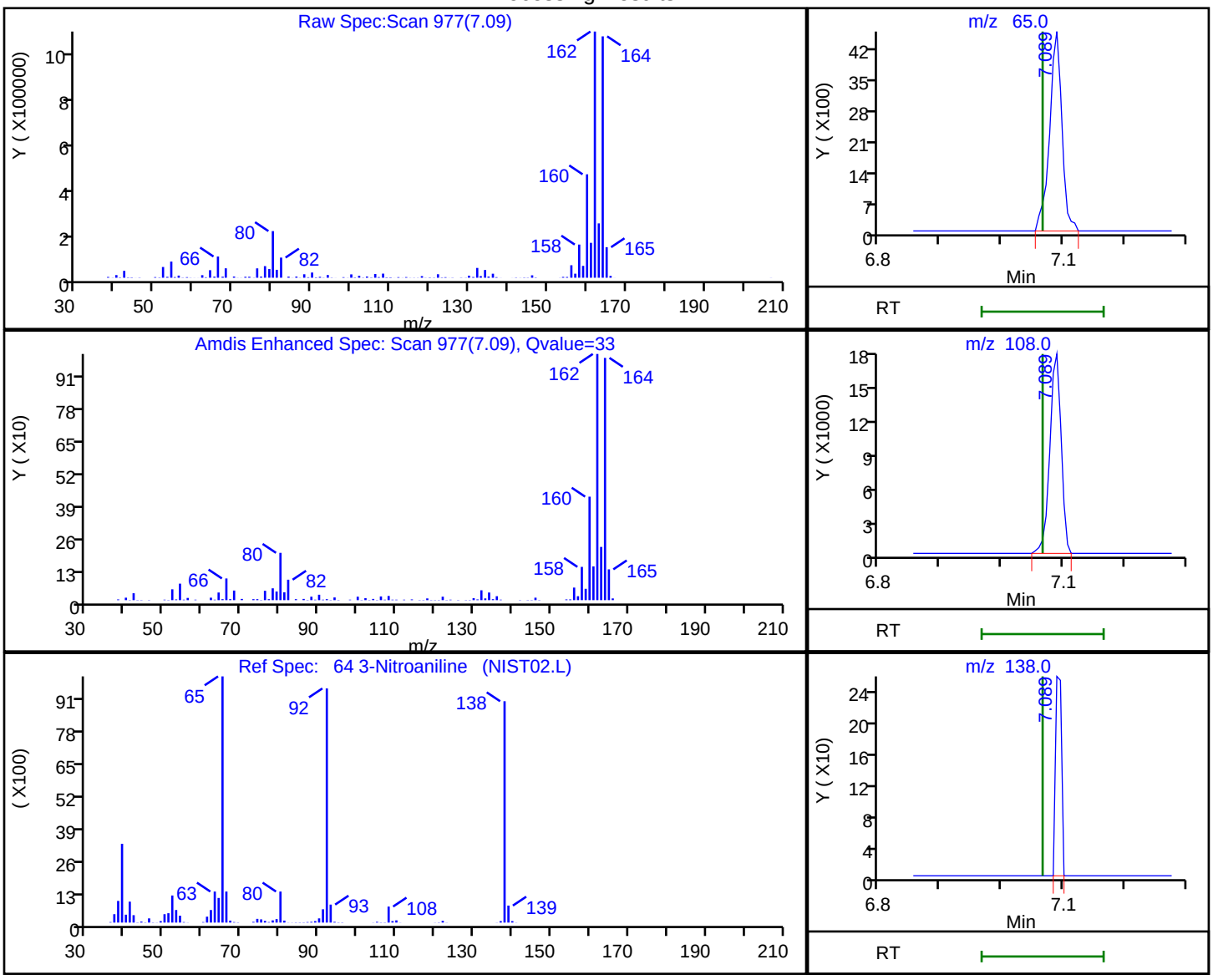
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Injection Date:	29-Aug-2020 03:58:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-2-A	Lab Sample ID:	460-217009-2		
Client ID:	SB-10_17-19_20200827				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	6388	0.356772
7.09	108.00	22485	
7.09	138.00	176	

Reviewer: hamziy, 29-Aug-2020 19:49:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

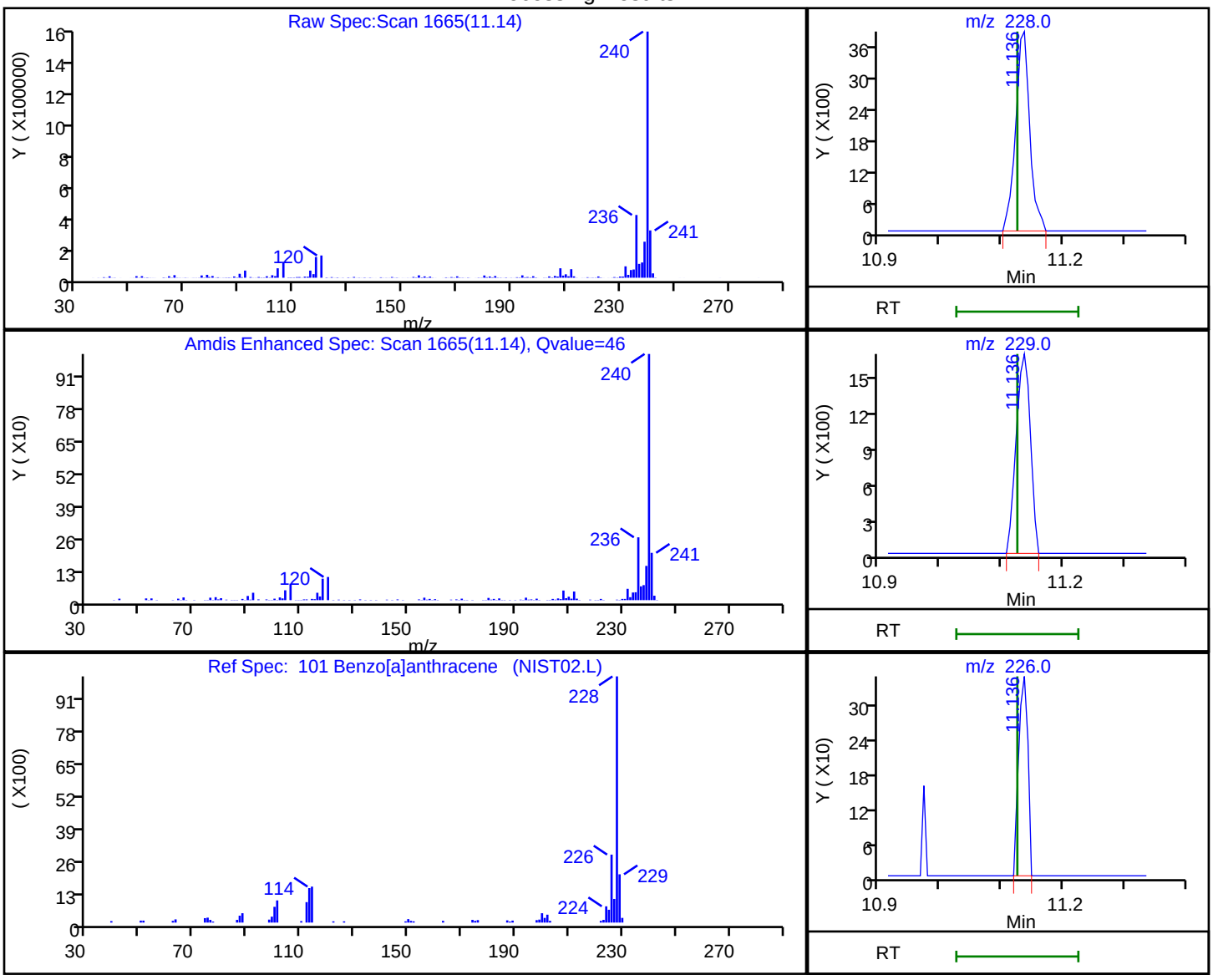
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Injection Date:	29-Aug-2020 03:58:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-2-A	Lab Sample ID:	460-217009-2		
Client ID:	SB-10_17-19_20200827				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.14	228.00	6284	0.081029
11.14	229.00	2640	
11.14	226.00	367	

Reviewer: khlungprakhons, 31-Aug-2020 11:23:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

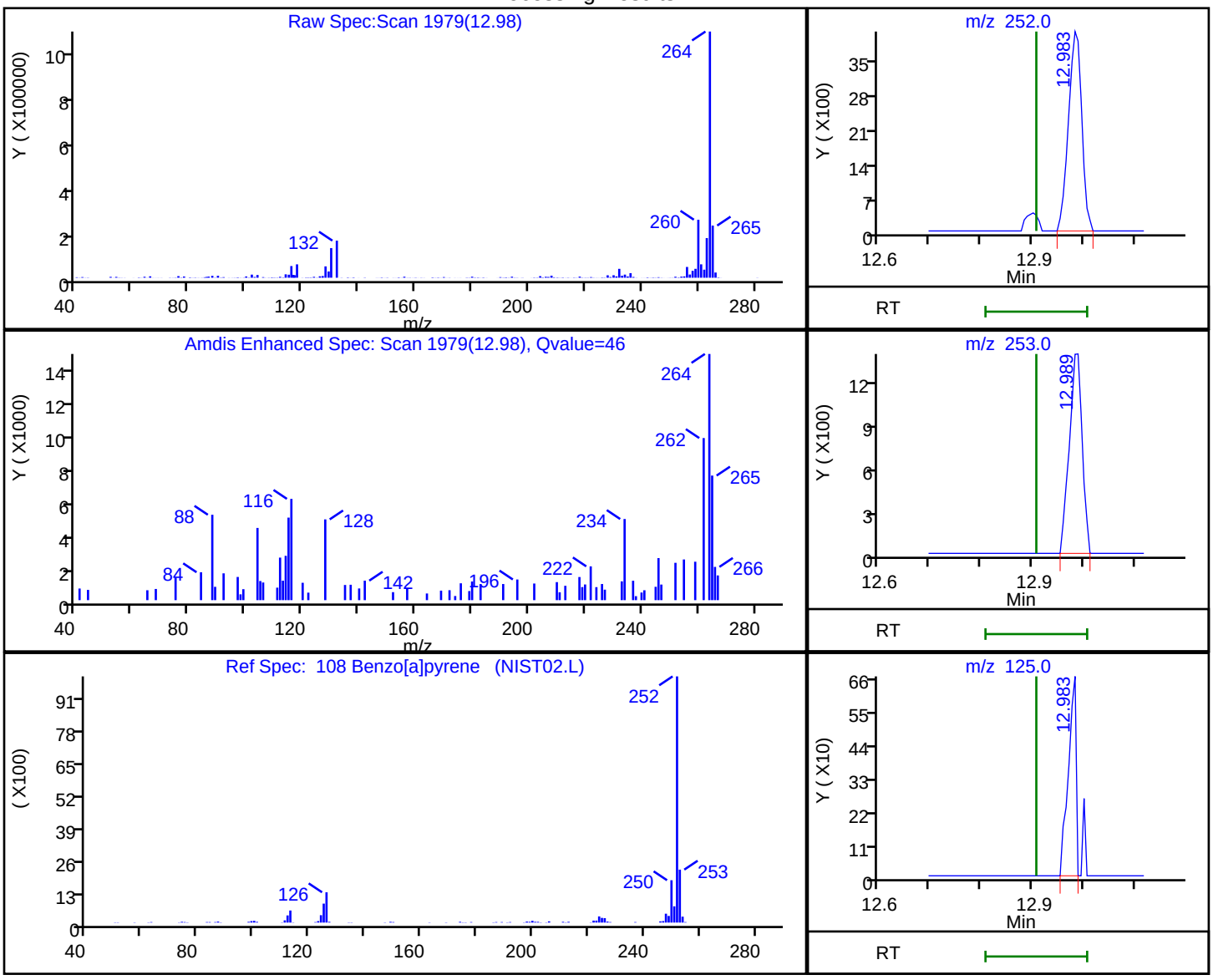
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Injection Date:	29-Aug-2020 03:58:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-2-A	Lab Sample ID:	460-217009-2		
Client ID:	SB-10_17-19_20200827				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.98	252.00	7403	0.156996
12.99	253.00	2317	
12.98	125.00	705	

Reviewer: hamziy, 29-Aug-2020 19:49:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

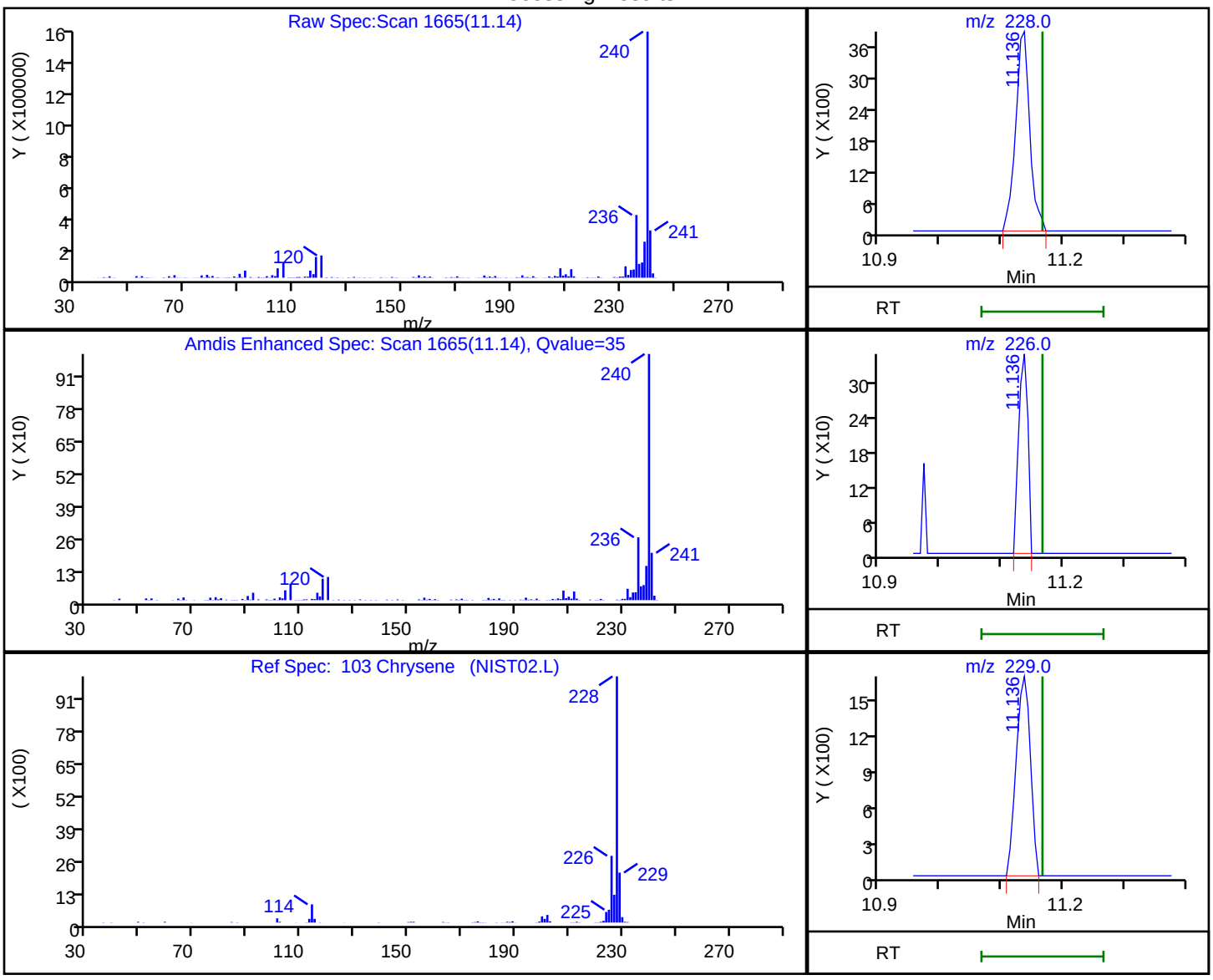
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Injection Date:	29-Aug-2020 03:58:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-2-A	Lab Sample ID:	460-217009-2		
Client ID:	SB-10_17-19_20200827				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.14	228.00	6284	0.083926
11.14	226.00	367	
11.14	229.00	2640	

Reviewer: khlungprakhons, 31-Aug-2020 11:23:56

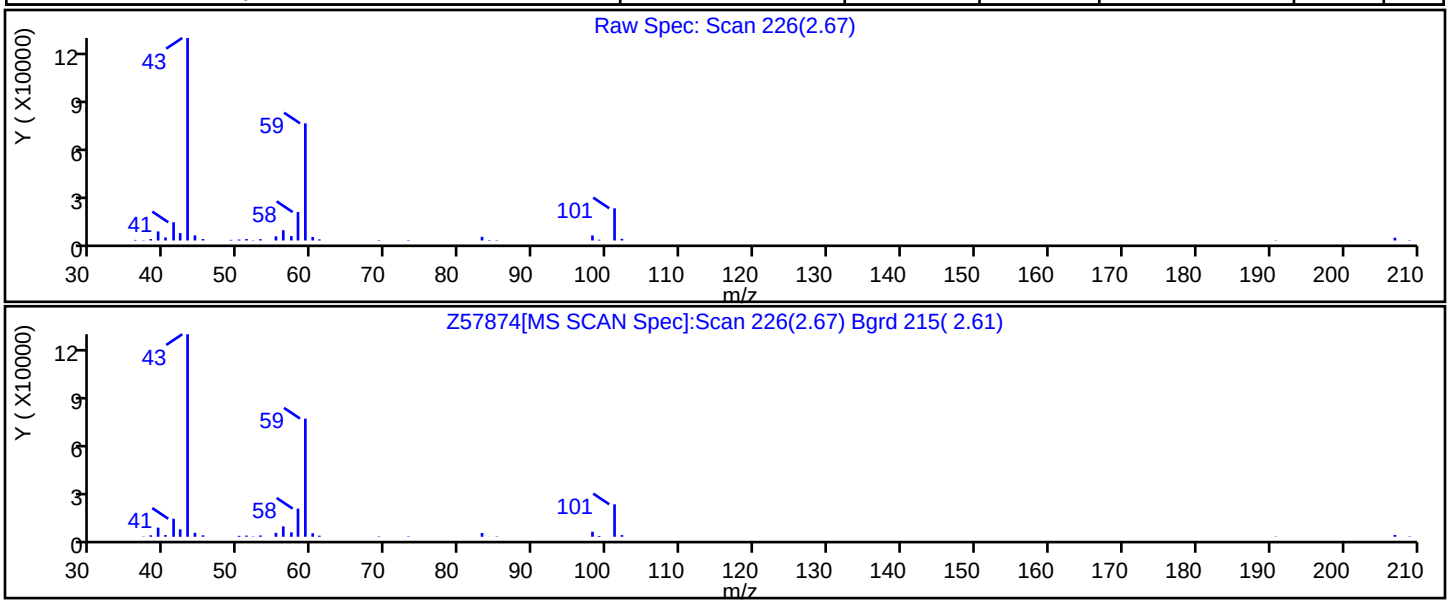
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 31-Aug-2020 11:24:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57874.d				
Injection Date:	29-Aug-2020 03:58:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-2-A	Lab Sample ID:	460-217009-2		
Client ID:	SB-10_17-19_20200827				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: Z57889.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:30

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 09:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0096	U	0.037	0.0096
95-50-1	1,2-Dichlorobenzene	0.0063	U	0.37	0.0063
541-73-1	1,3-Dichlorobenzene	0.0049	U	0.37	0.0049
106-46-7	1,4-Dichlorobenzene	0.014	U	0.37	0.014
123-91-1	1,4-Dioxane	0.010	U	0.11	0.010
108-60-1	2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067
121-14-2	2,4-Dinitrotoluene	0.040	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.027	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.017	U	0.37	0.017
91-57-6	2-Methylnaphthalene	0.010	U	0.37	0.010
88-74-4	2-Nitroaniline	0.014	U	0.37	0.014
91-94-1	3,3'-Dichlorobenzidine	0.056	U	0.15	0.056
99-09-2	3-Nitroaniline	0.042	U	0.37	0.042
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.37	0.015
106-47-8	4-Chloroaniline	0.026	U	0.37	0.026
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013
100-01-6	4-Nitroaniline	0.043	U	0.37	0.043
83-32-9	Acenaphthene	0.027	U	0.37	0.027
208-96-8	Acenaphthylene	0.018	J	0.37	0.0038
120-12-7	Anthracene	0.011	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.23		0.037	0.013
50-32-8	Benzo[a]pyrene	0.43		0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.63		0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.34	J	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.21		0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.017	U	0.37	0.017
86-74-8	Carbazole	0.015	J	0.37	0.014
218-01-9	Chrysene	0.28	J	0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.10		0.037	0.016
132-64-9	Dibenzofuran	0.0052	U	0.37	0.0052
84-66-2	Diethyl phthalate	0.0054	U	0.37	0.0054

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: Z57889.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:30

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 09:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.084	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.066	U	0.37	0.066
117-84-0	Di-n-octyl phthalate	0.020	U	0.37	0.020
206-44-0	Fluoranthene	0.29	J	0.37	0.013
86-73-7	Fluorene	0.0050	U	0.37	0.0050
118-74-1	Hexachlorobenzene	0.018	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.0079	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.033	U	0.37	0.033
67-72-1	Hexachloroethane	0.013	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.34		0.037	0.015
78-59-1	Isophorone	0.11	U	0.15	0.11
91-20-3	Naphthalene	0.0064	U	0.37	0.0064
98-95-3	Nitrobenzene	0.0089	U	0.037	0.0089
621-64-7	N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.0071	U	0.37	0.0071
85-01-8	Phenanthrene	0.072	J	0.37	0.0065
129-00-0	Pyrene	0.34	J	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	52		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	56		19-105
1718-51-0	Terphenyl-d14 (Surr)	56		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: Z57889.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:30

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 09:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 2 TIC Result Total: 0.96

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.09	0.53	A J	
192-97-2	Benzo[e]pyrene	12.83	0.43	J N	98%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d
Lims ID: 460-217009-E-3-A
Client ID: SB-18_3-5_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 09:53:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-025
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:47:26 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:57:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.154	4.160	-0.006	98	607200	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	93	667215	28.0	
* 38 Naphthalene-d8	136	5.396	5.401	-0.005	100	2217824	40.0	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	1256733	25.9	
63 Acenaphthylene	152	6.954	6.954	0.000	97	14981	0.2400	
* 65 Acenaphthene-d10	164	7.090	7.090	0.000	96	1297157	40.0	
* 87 Phenanthrene-d10	188	8.513	8.507	0.006	98	2453994	40.0	
88 Phenanthrene	178	8.531	8.531	0.000	98	70964	0.9545	
90 Carbazole	167	8.748	8.742	0.006	96	12857	0.2011	
92 Fluoranthene	202	9.672	9.666	0.006	98	309127	3.89	
94 Pyrene	202	9.883	9.884	-0.001	98	316463	4.47	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1462378	28.0	
101 Benzo[a]anthracene	228	11.125	11.124	0.000	97	206103	3.04	
* 102 Chrysene-d12	240	11.142	11.136	0.006	99	1903185	40.0	
103 Chrysene	228	11.166	11.154	0.000	99	248613	3.79	
106 Benzo[b]fluoranthene	252	12.466	12.466	0.000	98	413959	8.44	M
107 Benzo[k]fluoranthene	252	12.489	12.507	-0.018	96	137120	2.82	M
108 Benzo[a]pyrene	252	12.901	12.907	-0.006	97	234221	5.70	
* 109 Perylene-d12	264	12.989	12.983	0.006	99	1551807	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.501	14.512	-0.012	99	194530	4.53	
111 Dibenz(a,h)anthracene	278	14.524	14.542	-0.018	95	55803	1.35	
112 Benzo[g,h,i]perylene	276	14.907	14.924	-0.017	98	189297	4.49	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d
Lims ID: 460-217009-E-3-A
Client ID: SB-18_3-5_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 09:53:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-025
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:47:26 Calib Date: 12-Aug-2020 19:02:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02SEMI.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:57:35

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
3.090	651507	7.01	14	0	0		0	
	192-97-2	Benzo[e]pyrene						
12.830	616657	5.70	109	98	89816	C20H12	252	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.154	3718632	40.0
* 109 Perylene-d12	12.989	4330109	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

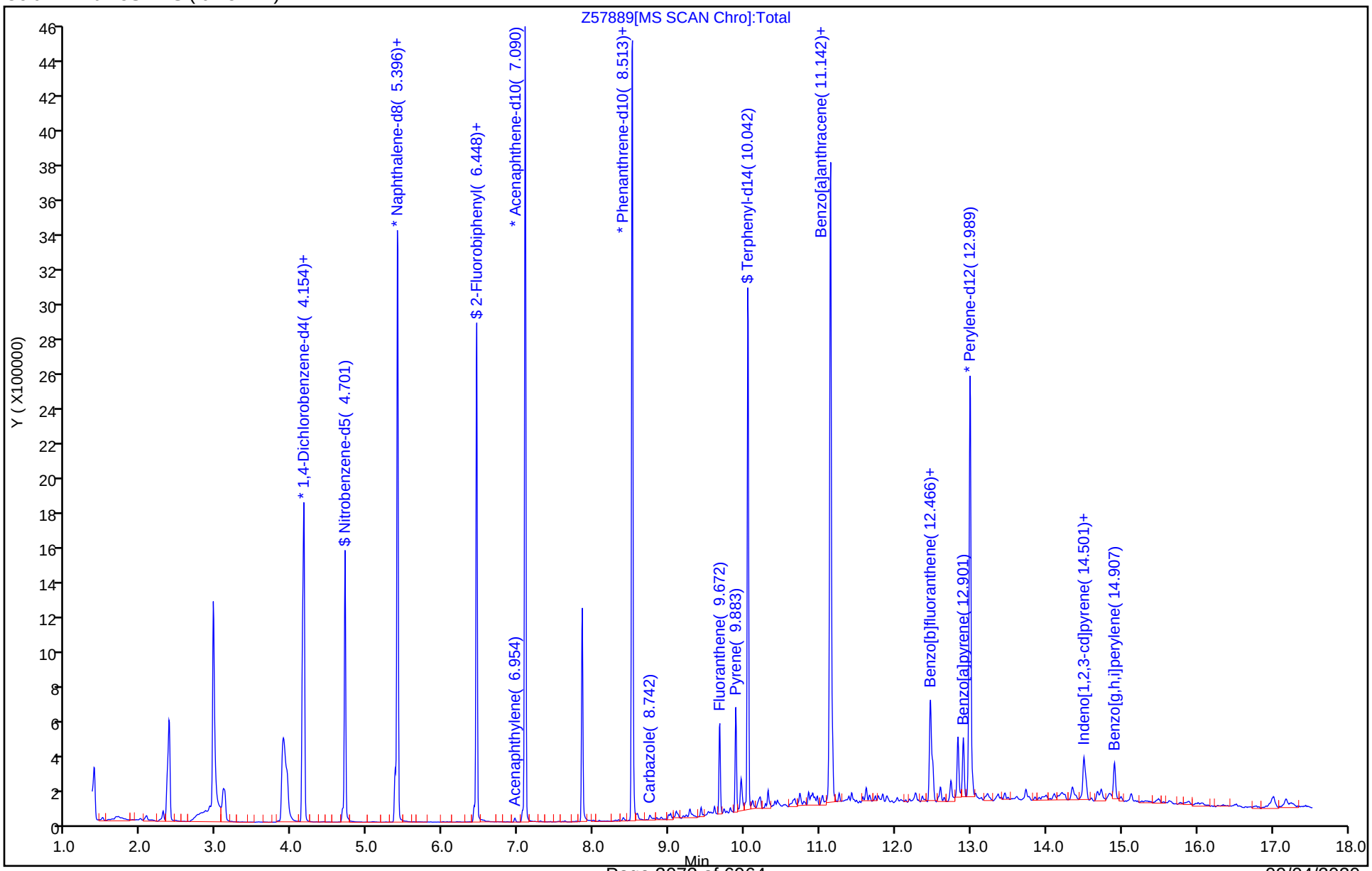
Report Date: 31-Aug-2020 11:47:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d

Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3	Worklist Smp#:	25
Client ID:	SB-18_3-5_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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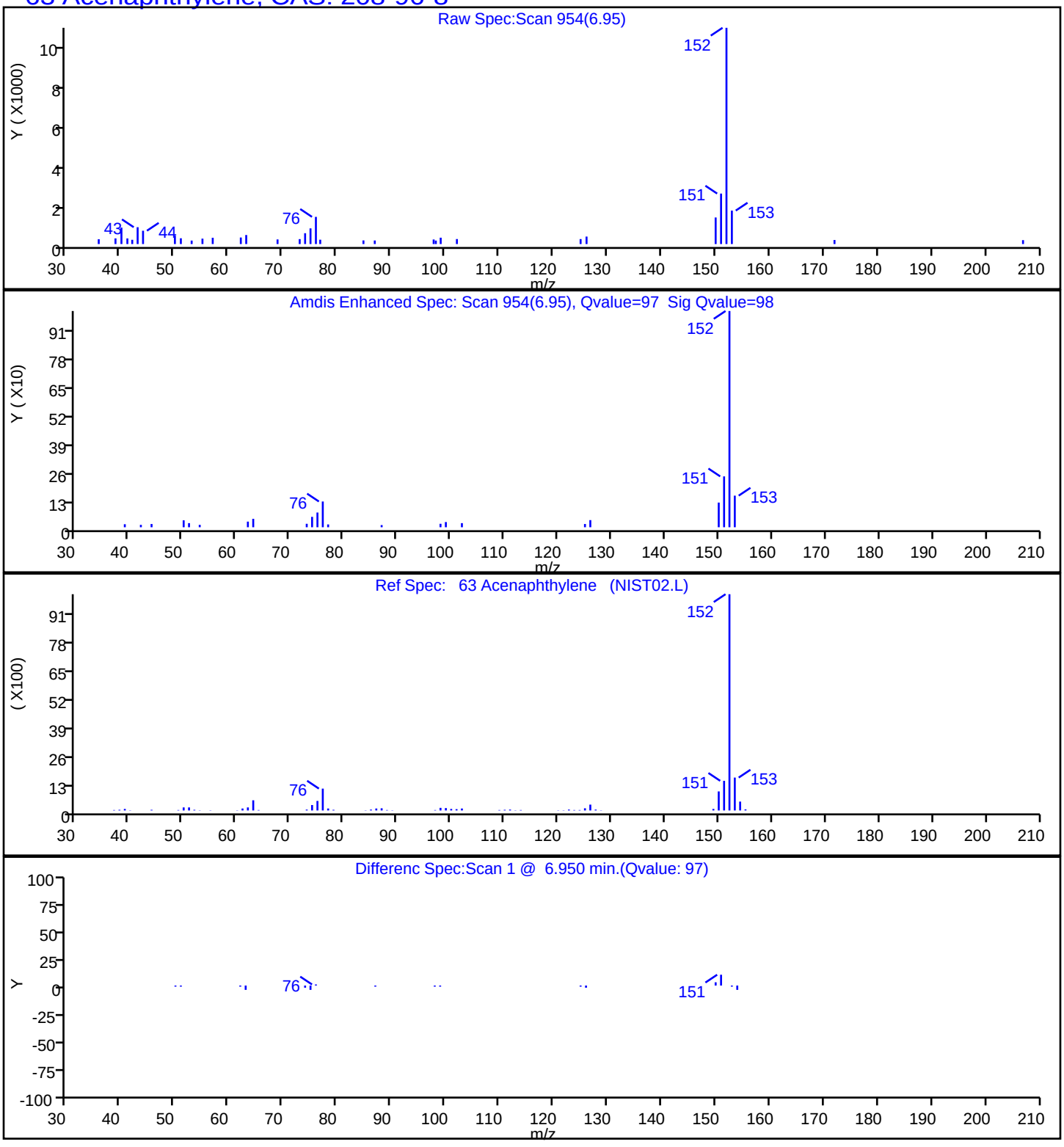
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

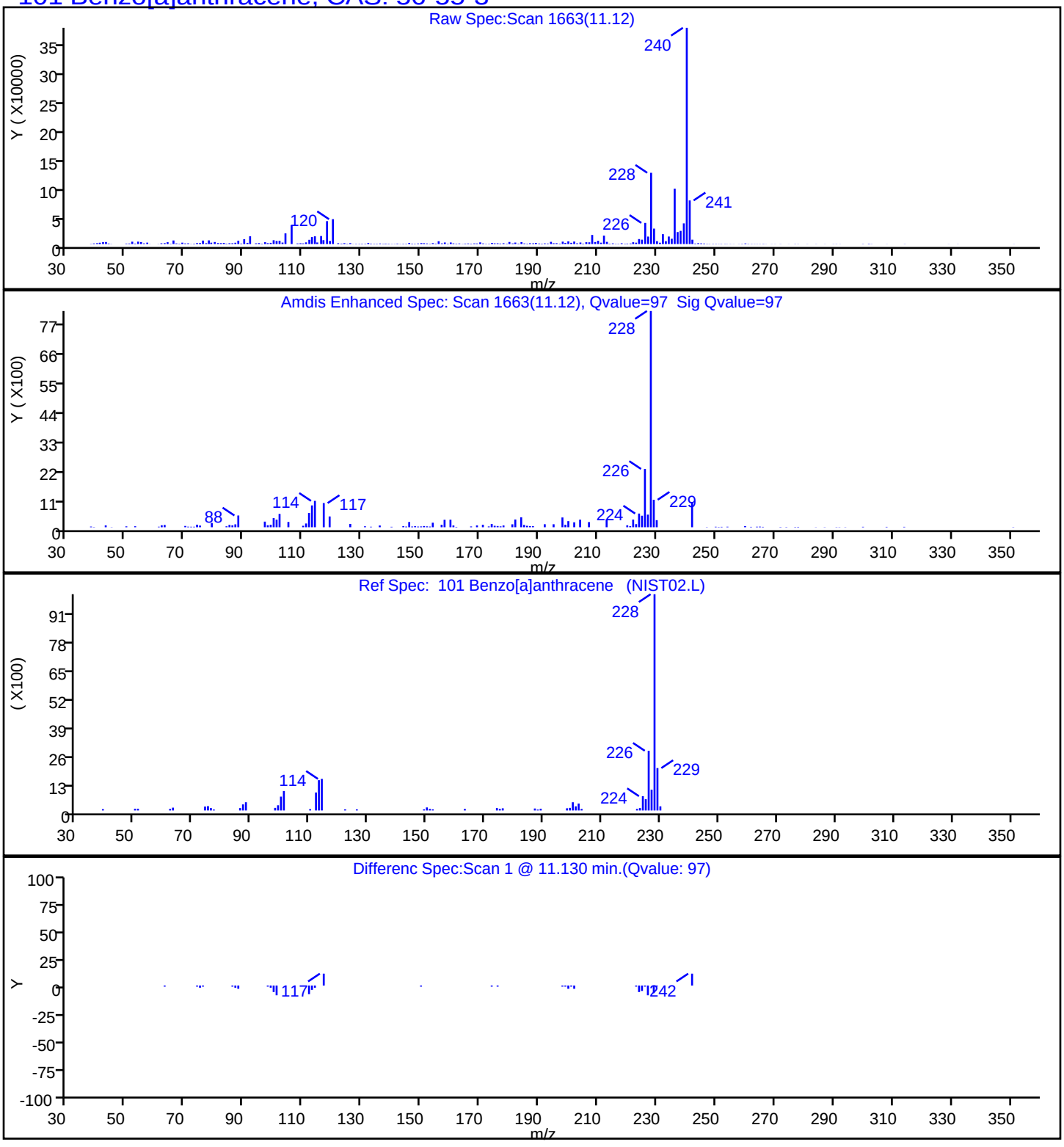
63 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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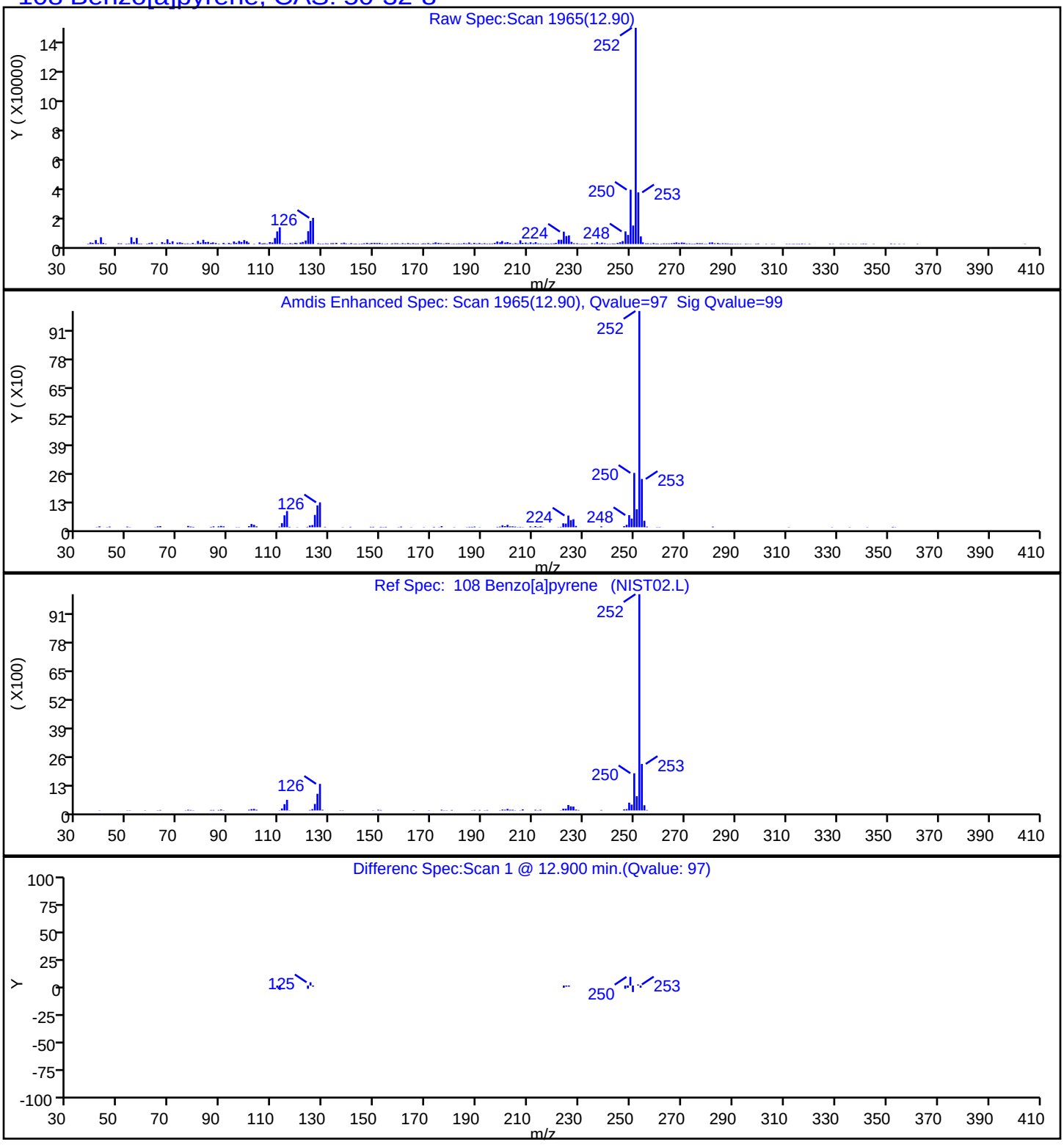
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

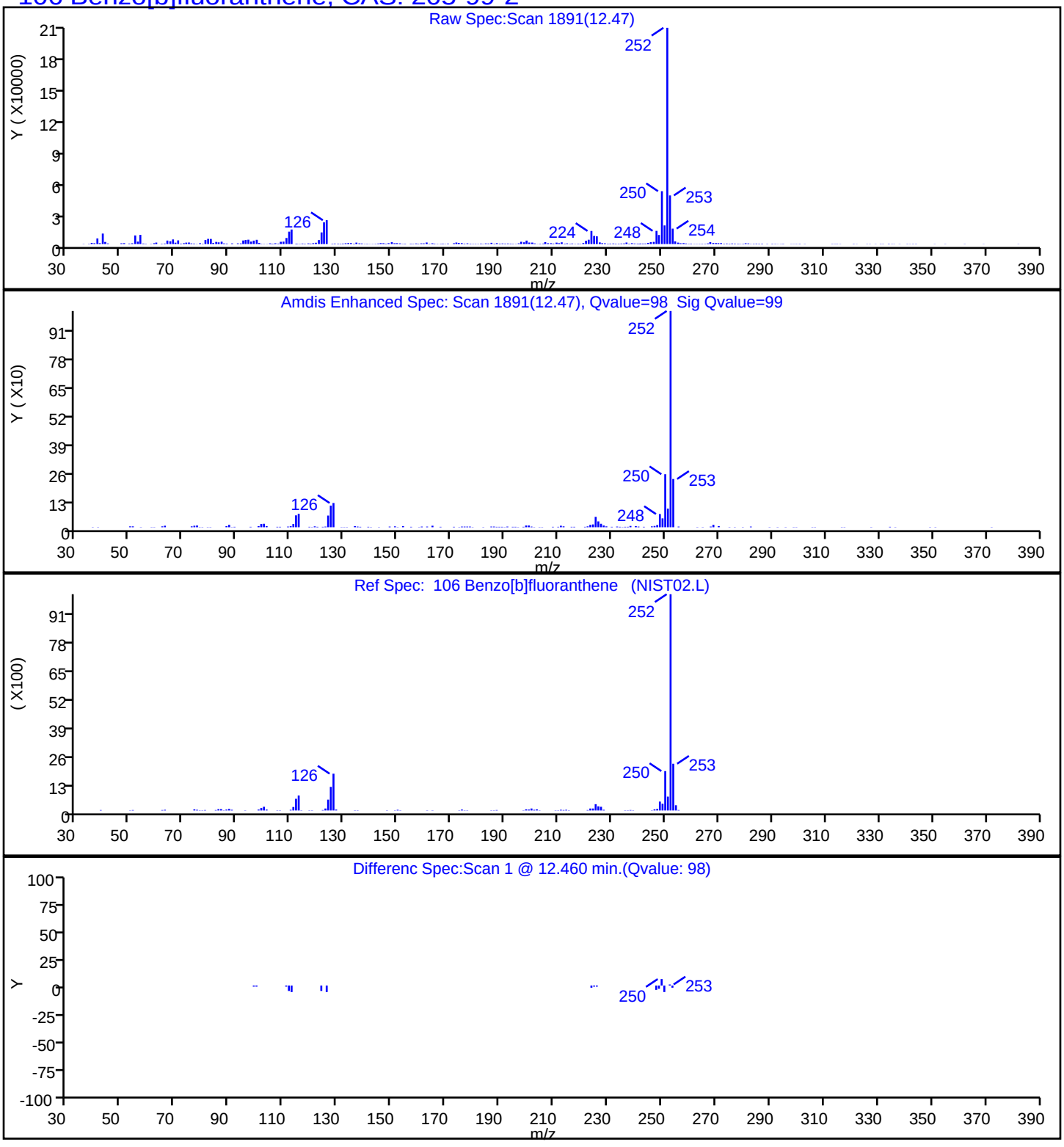


Report Date: 31-Aug-2020 11:47:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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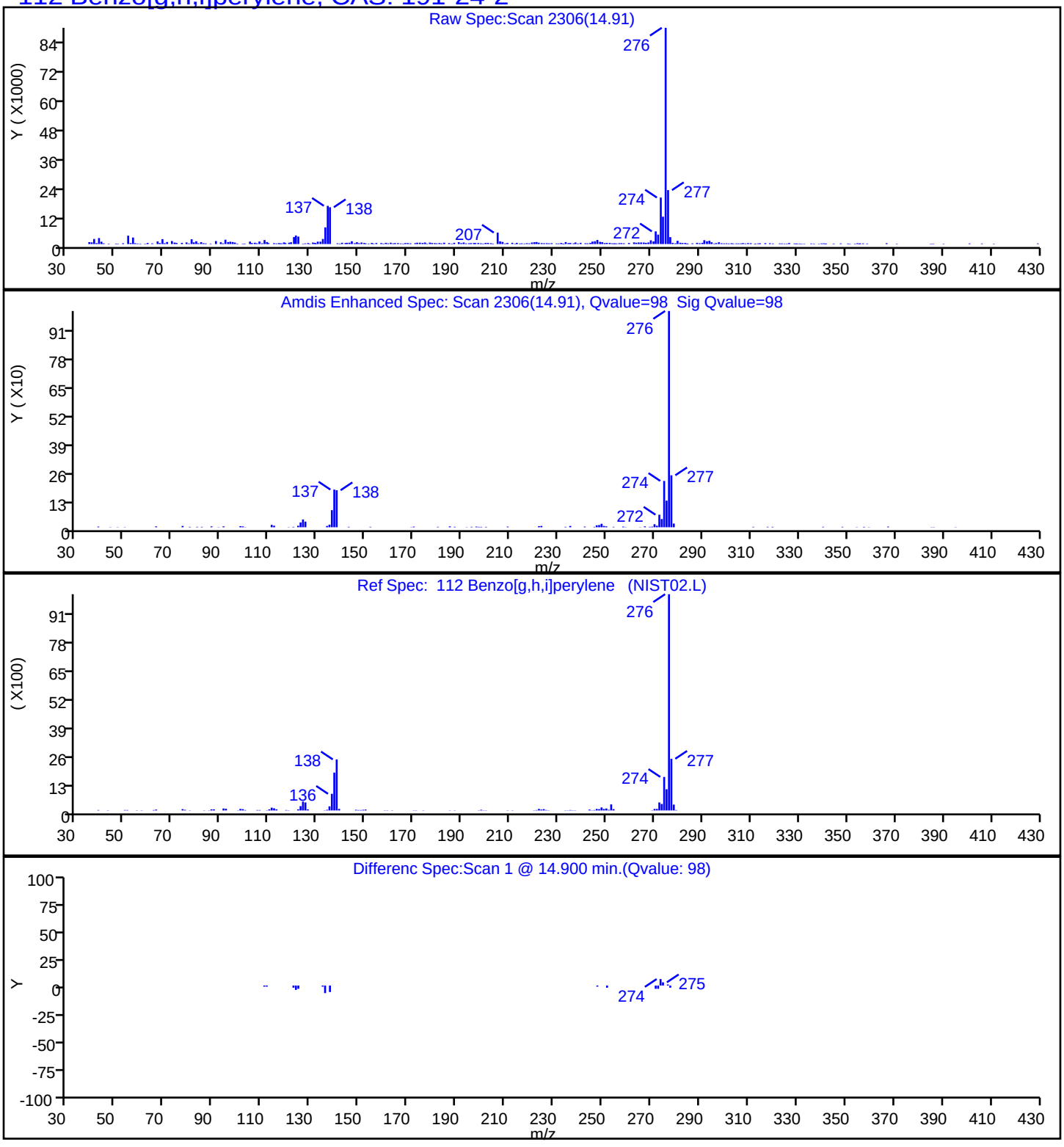
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

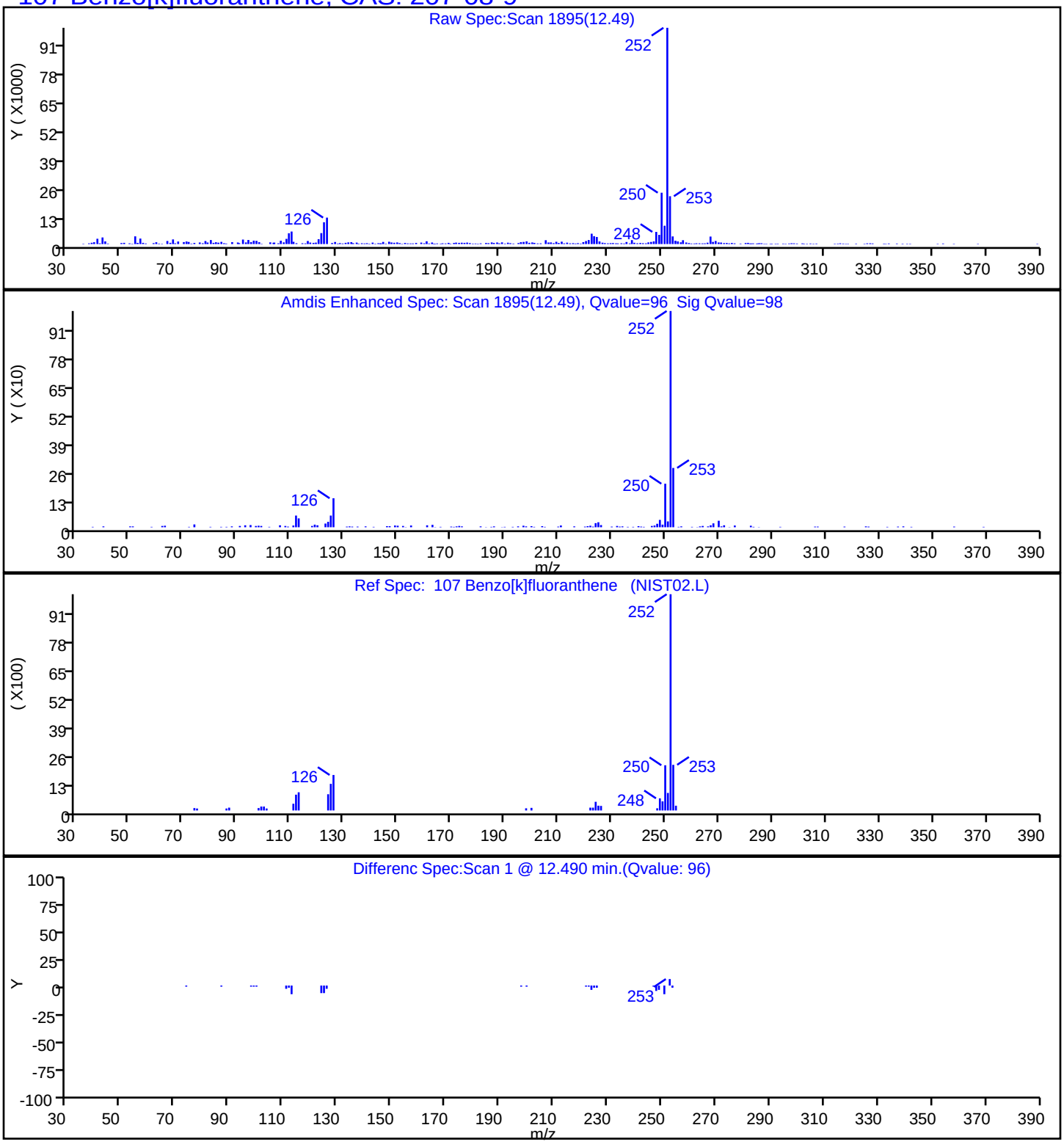


Report Date: 31-Aug-2020 11:47:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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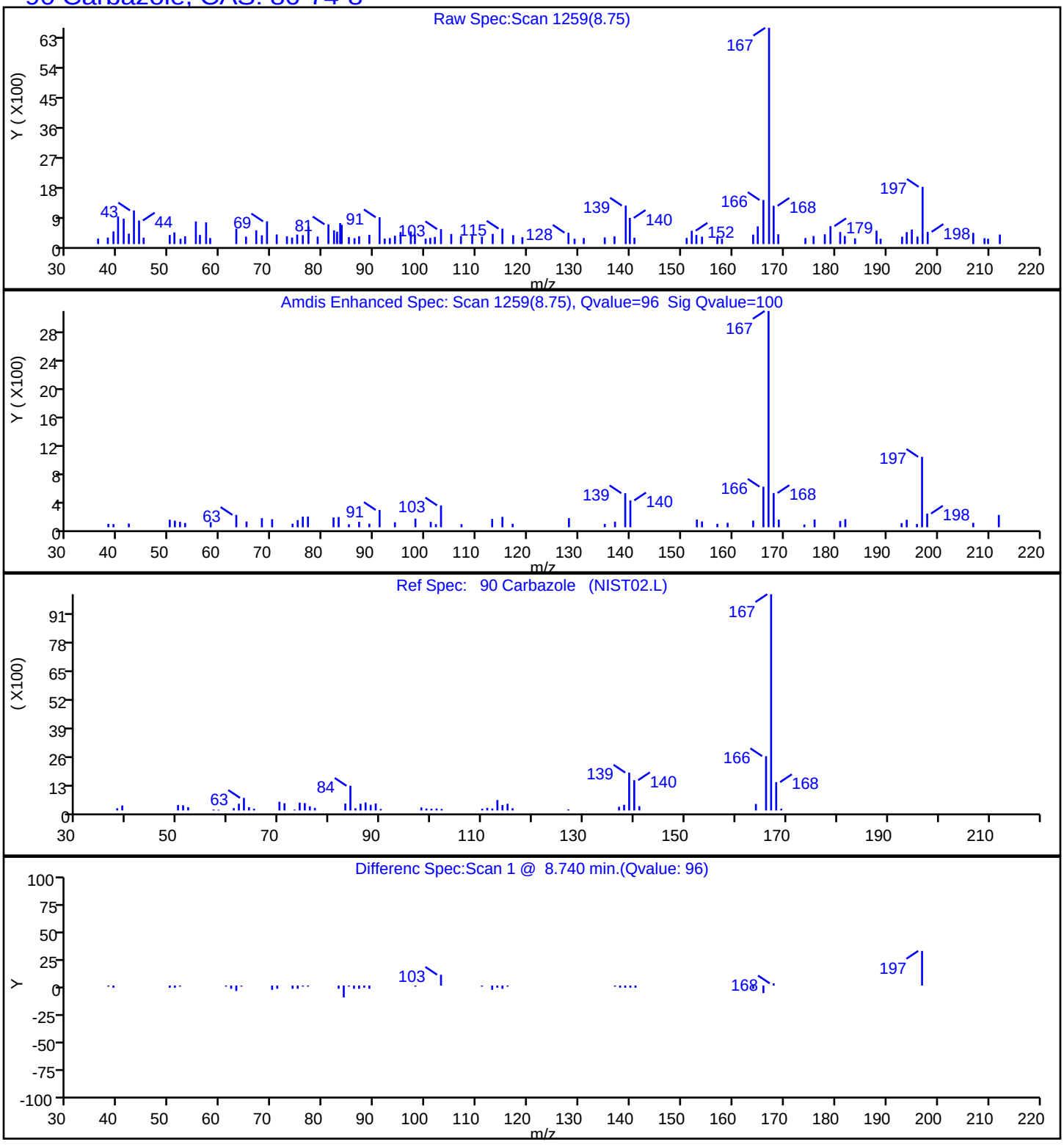
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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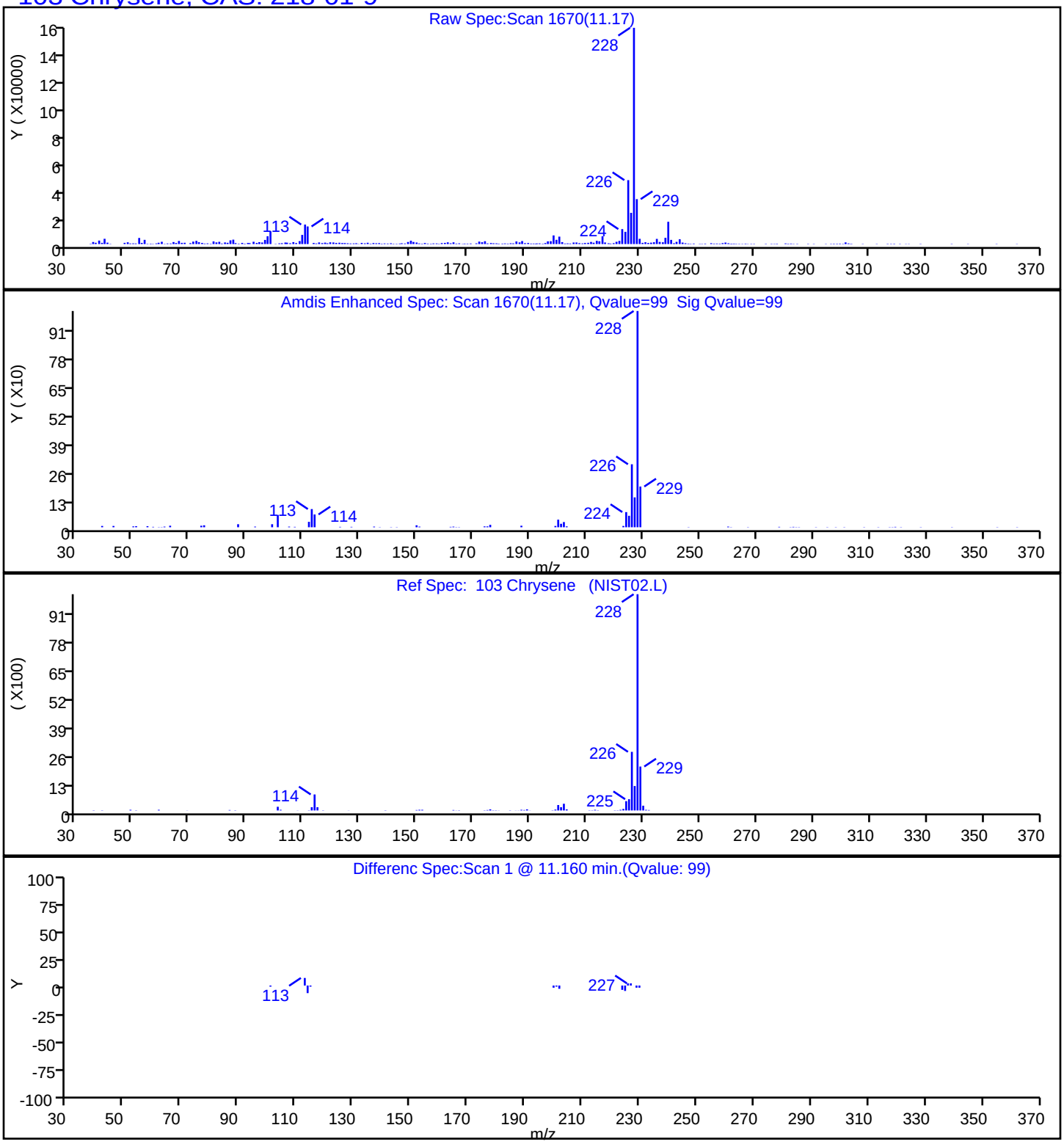
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

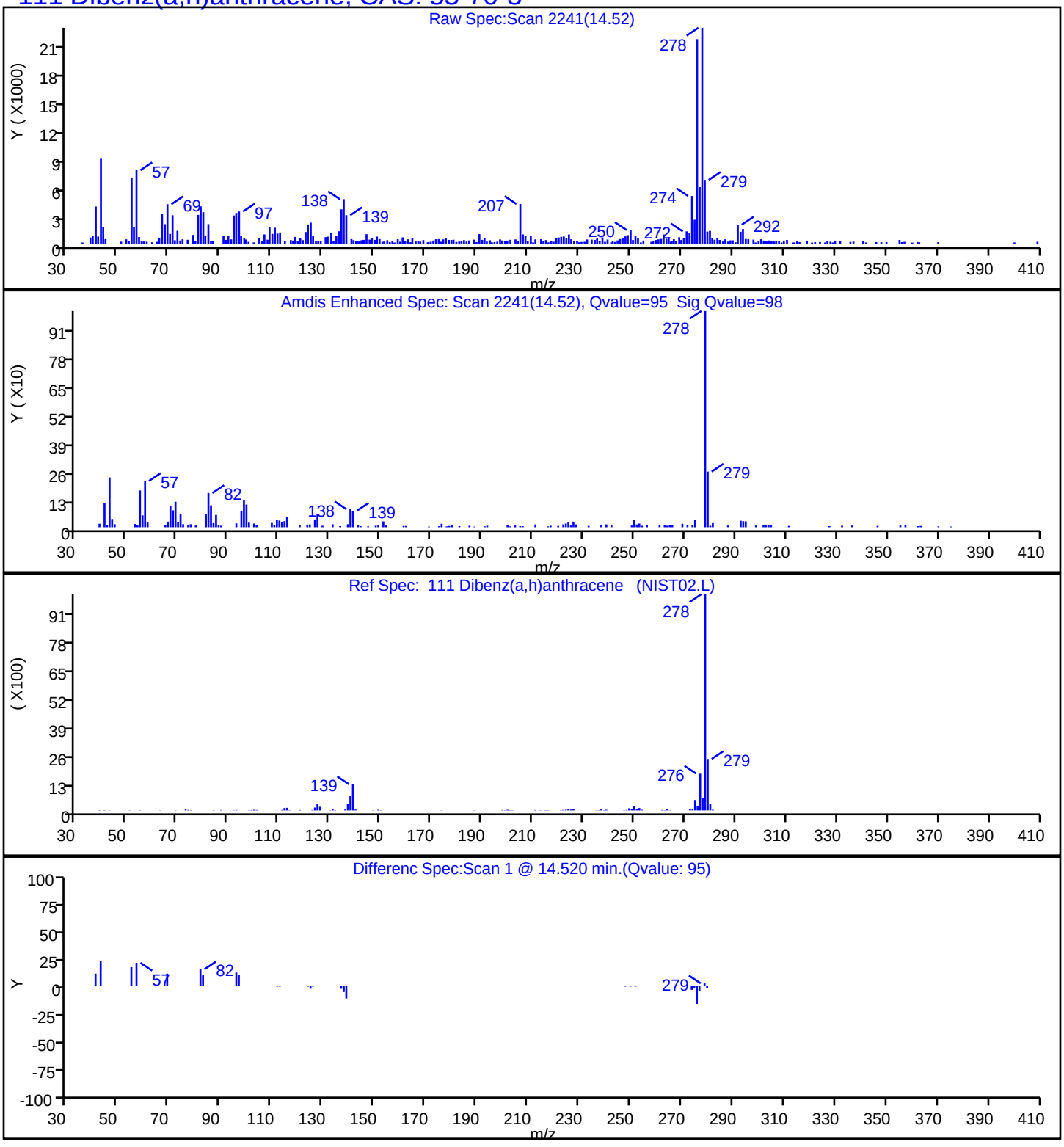


Report Date: 31-Aug-2020 11:47:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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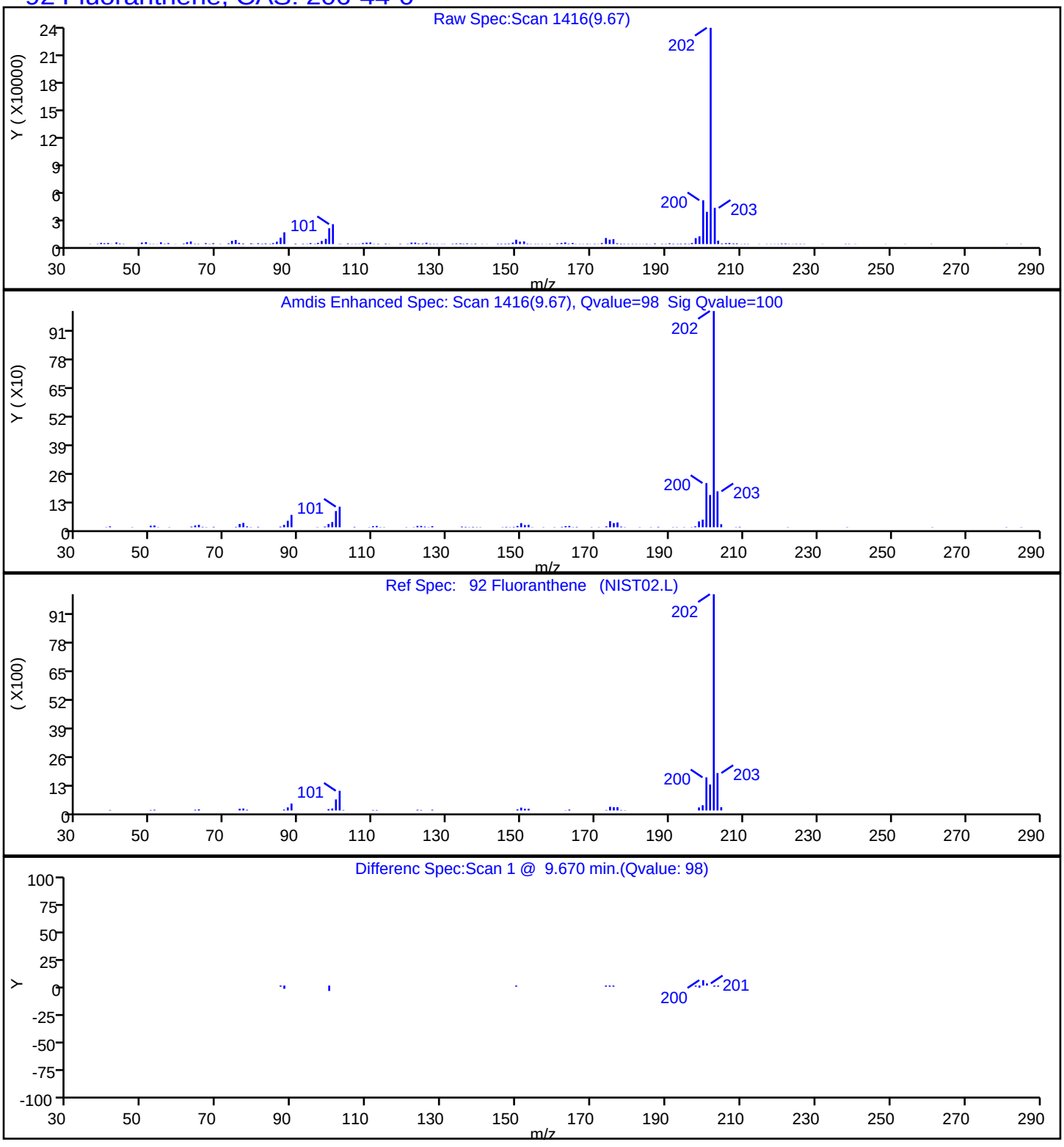
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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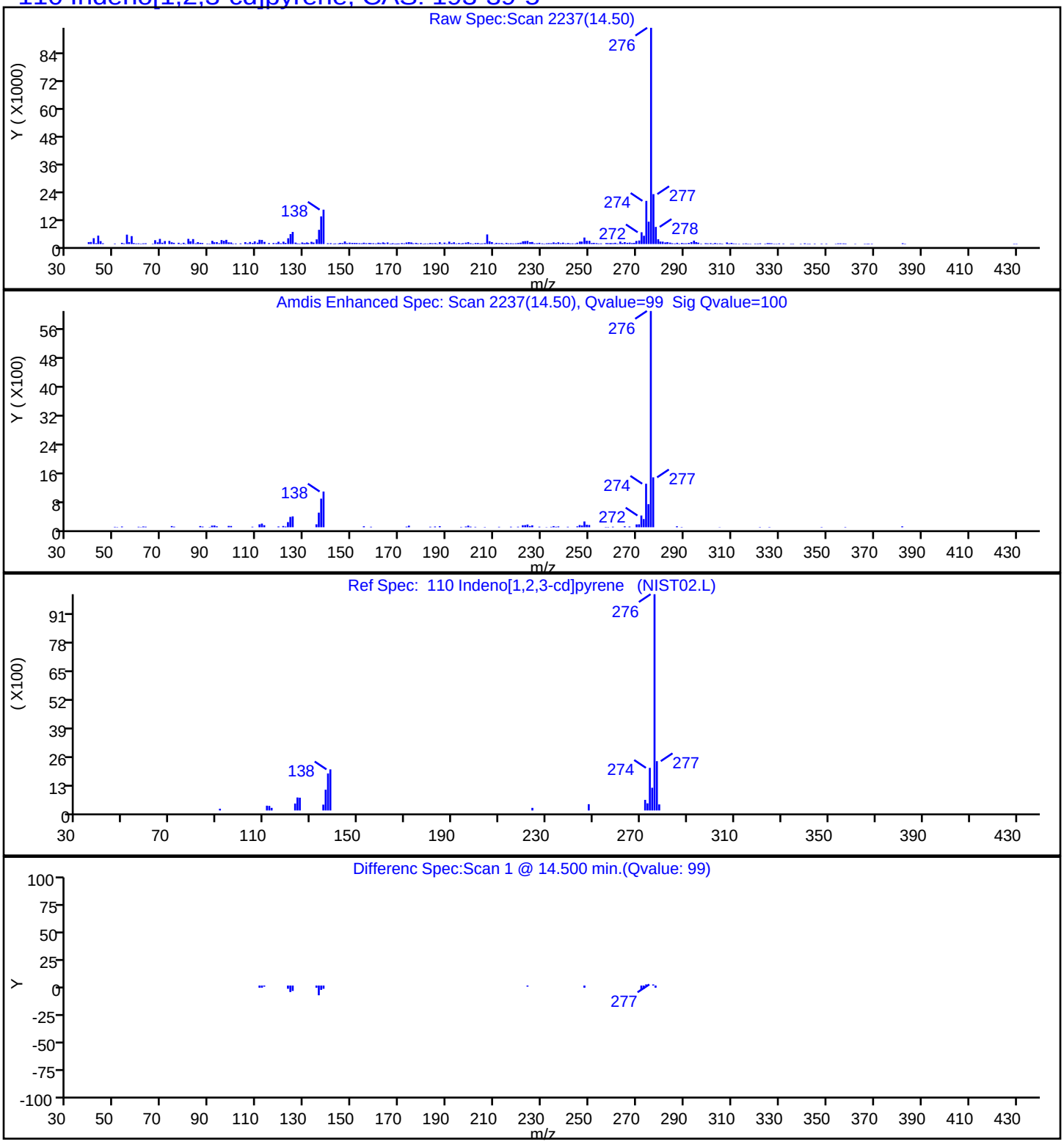
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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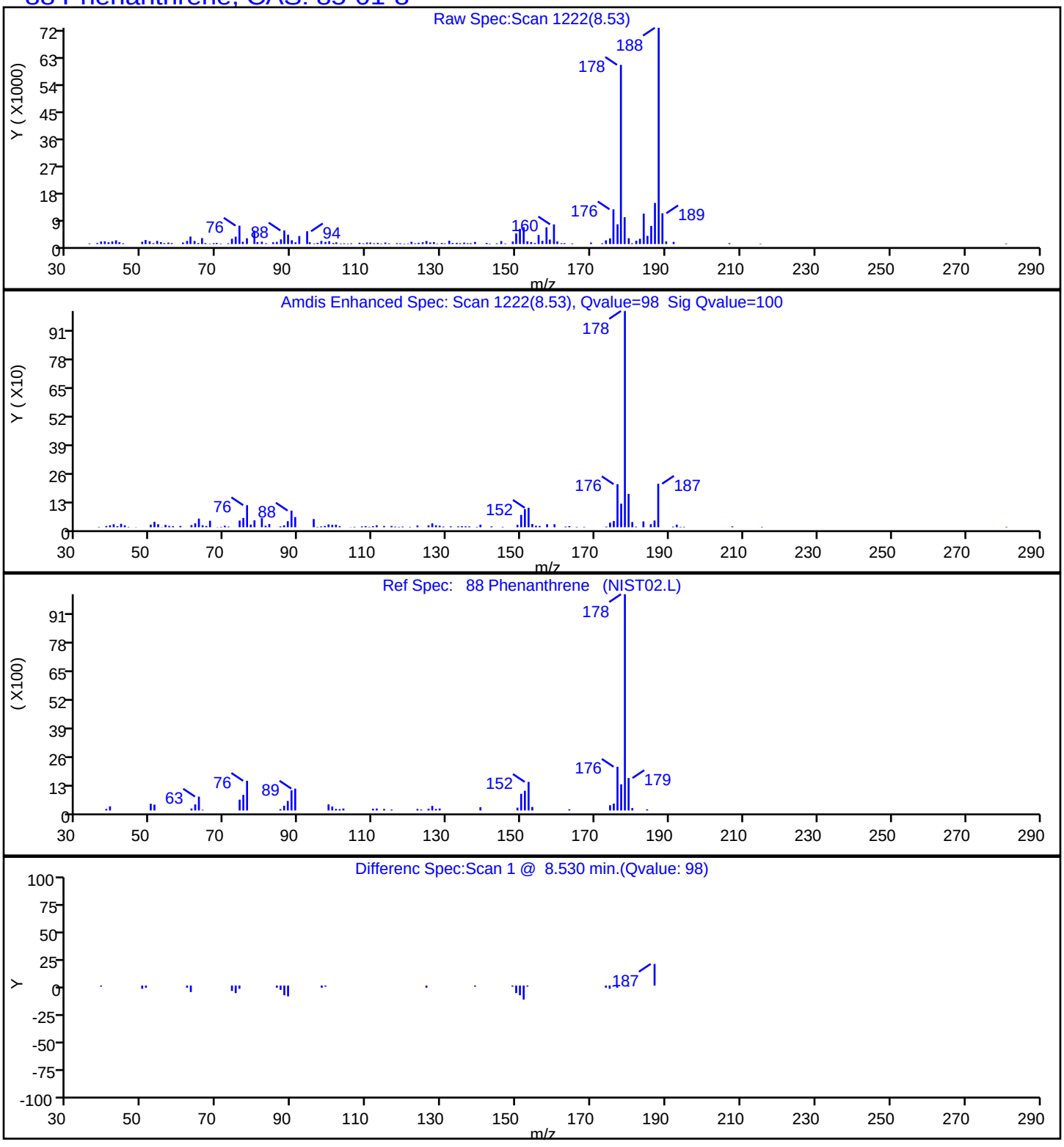
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
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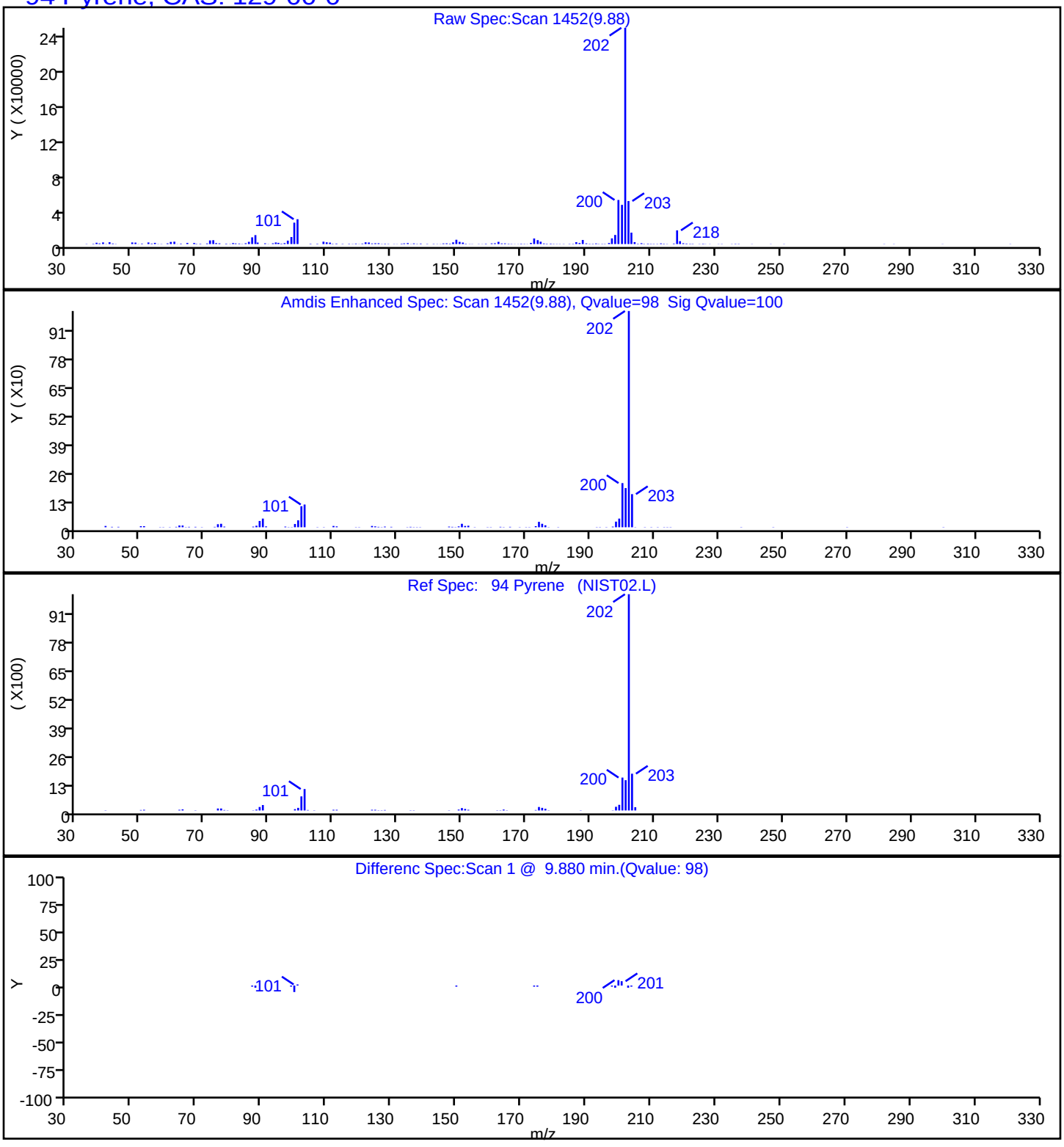
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

94 Pyrene, CAS: 129-00-0



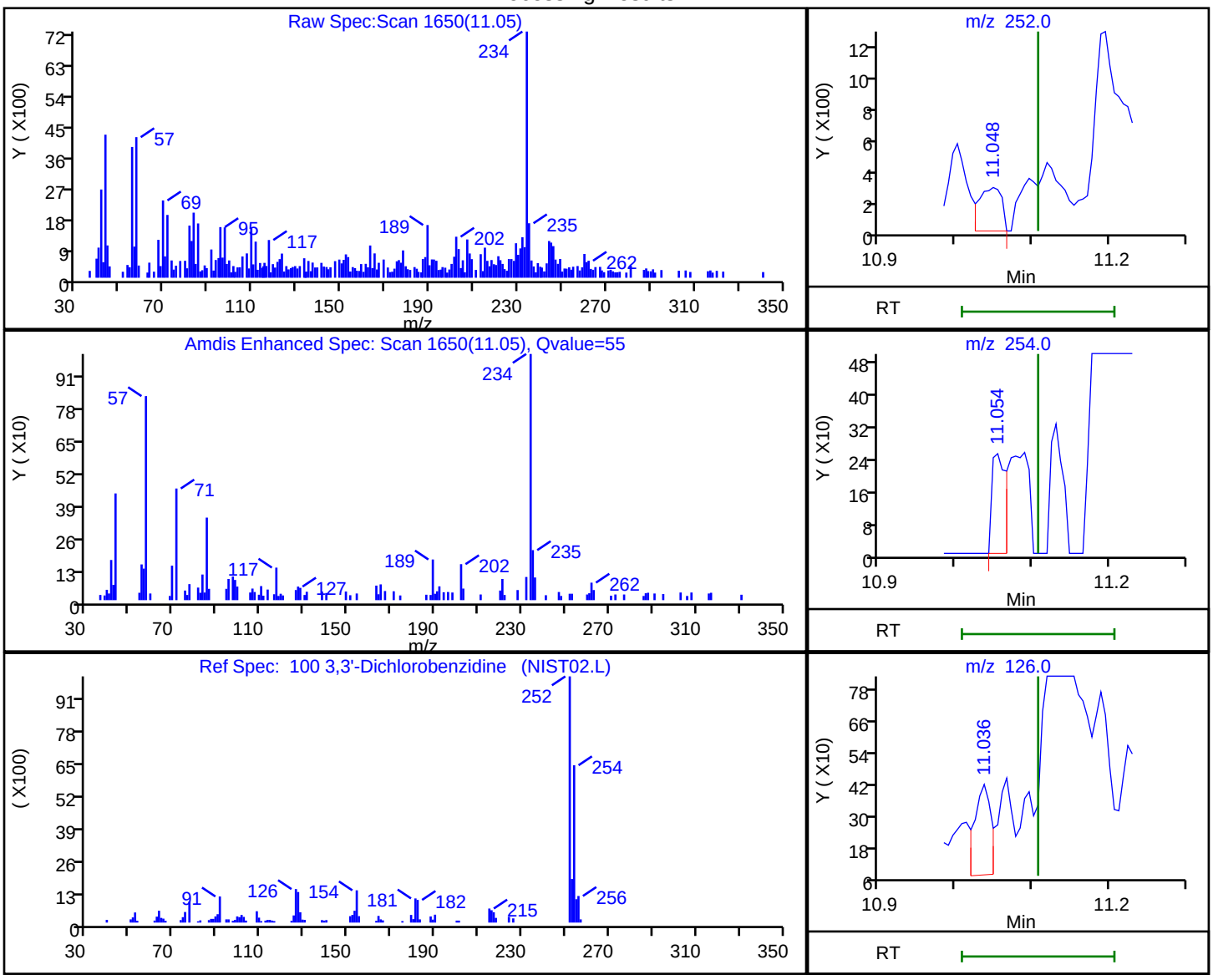
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results



RT	Mass	Response	Amount
11.05	252.00	558	0.022676
11.05	254.00	315	
11.04	126.00	528	

Reviewer: hamziy, 29-Aug-2020 19:57:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

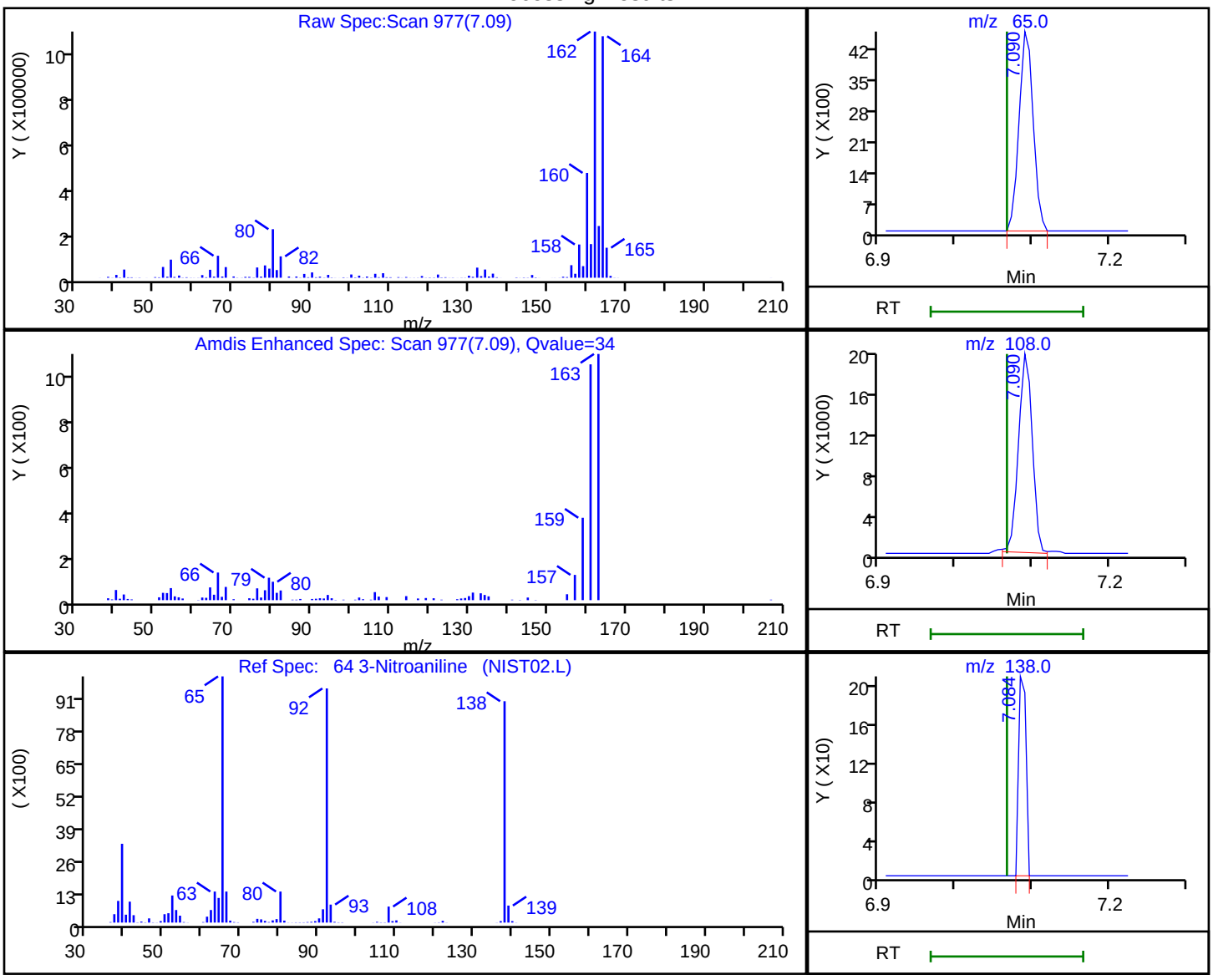
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	5898	0.336477
7.09	108.00	24442	
7.08	138.00	142	

Reviewer: hamziy, 29-Aug-2020 19:57:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

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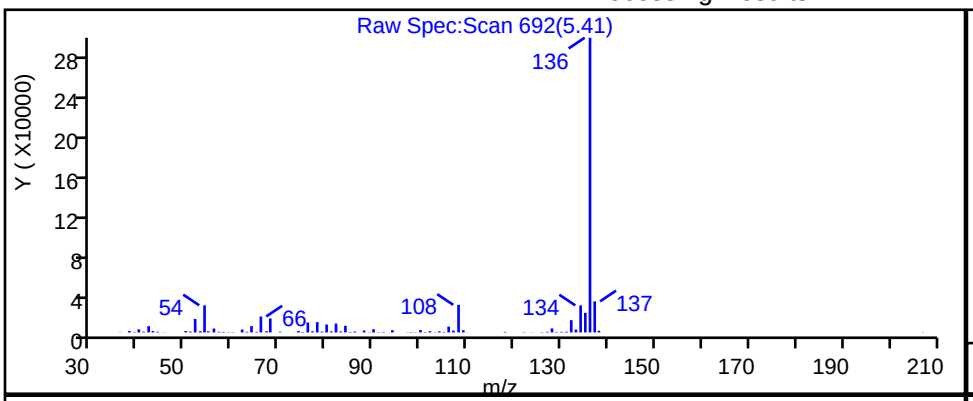
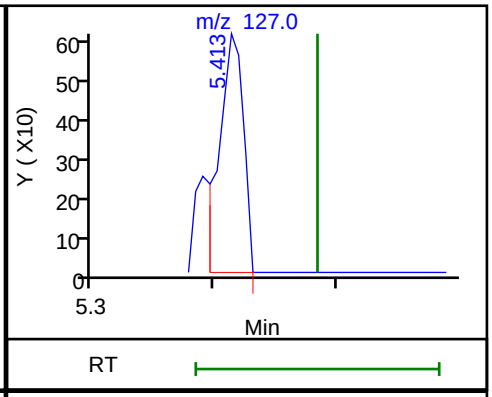
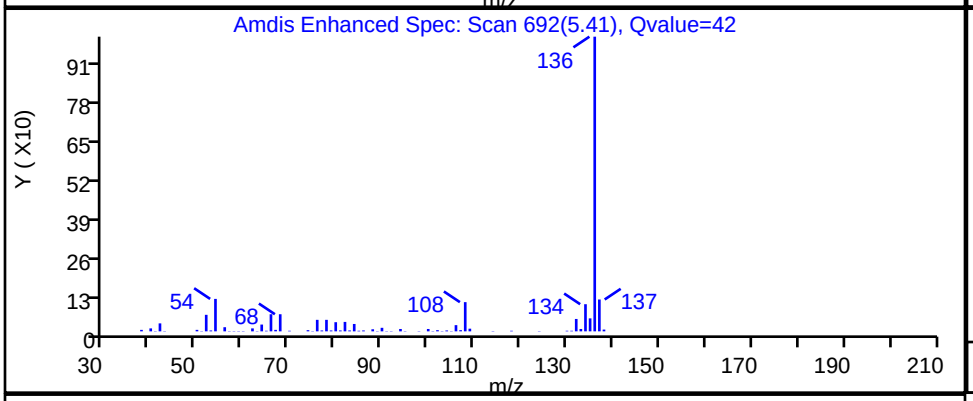
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

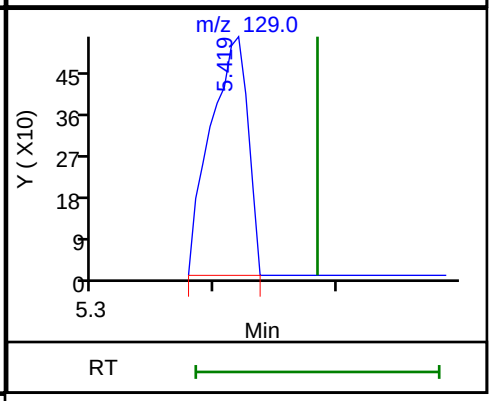
40 4-Chloroaniline, CAS: 106-47-8

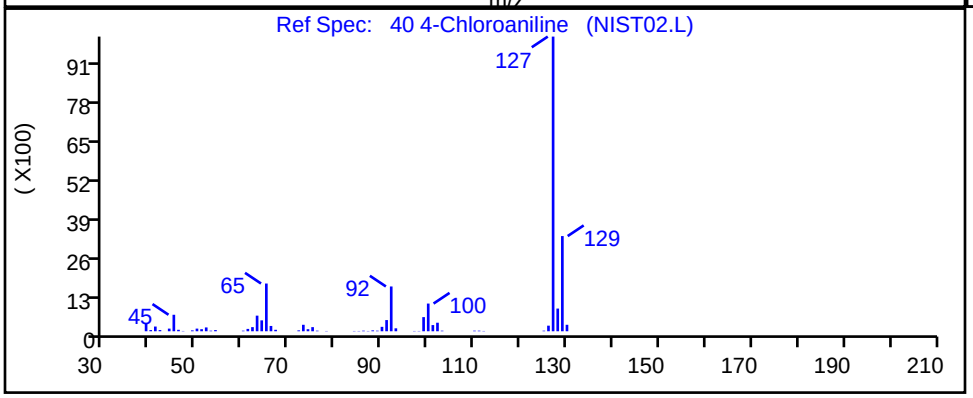
Processing Results











RT	Mass	Response	Amount
5.41	127.00	849	0.034385
5.42	129.00	1120	

Reviewer: khlungprakhons, 31-Aug-2020 11:46:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

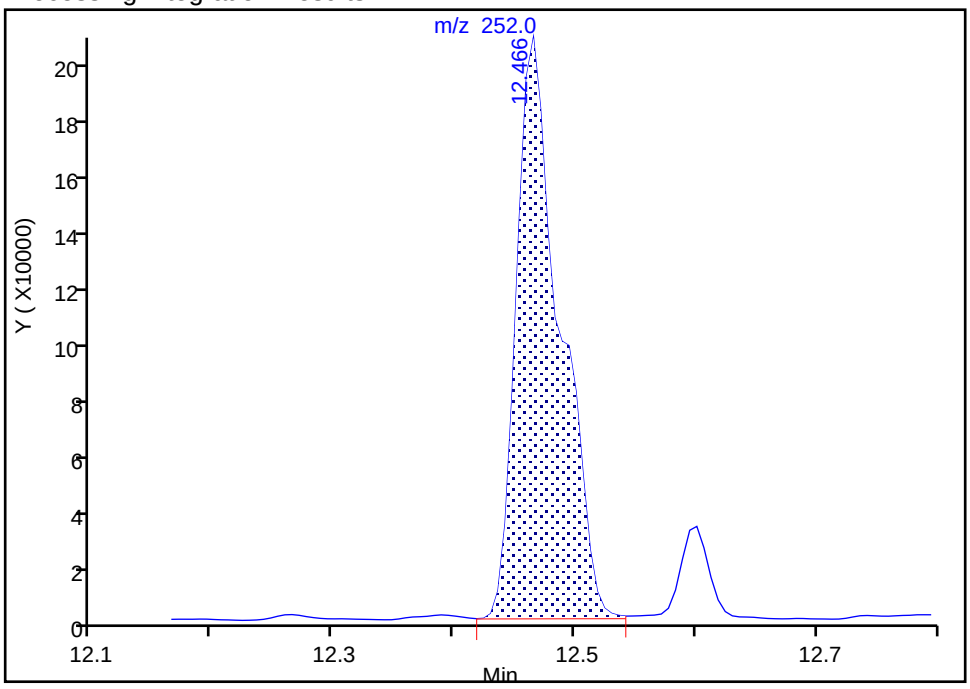
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

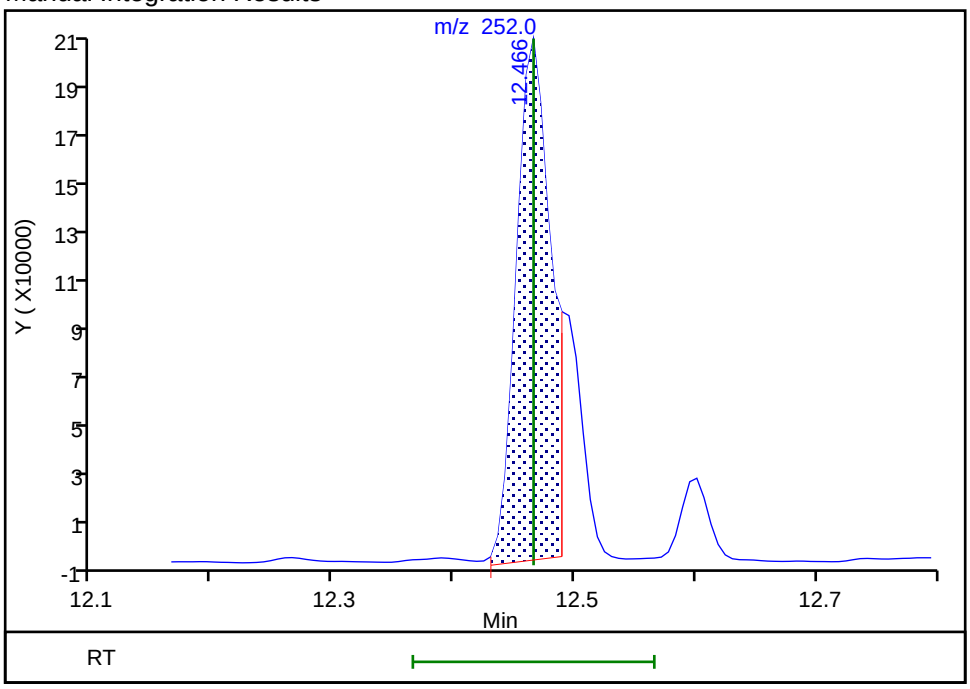
Processing Integration Results

RT: 12.47
Area: 508998
Amount: 10.383470
Amount Units: ug/ml



Manual Integration Results

RT: 12.47
Area: 413959
Amount: 8.444691
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:57:22

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

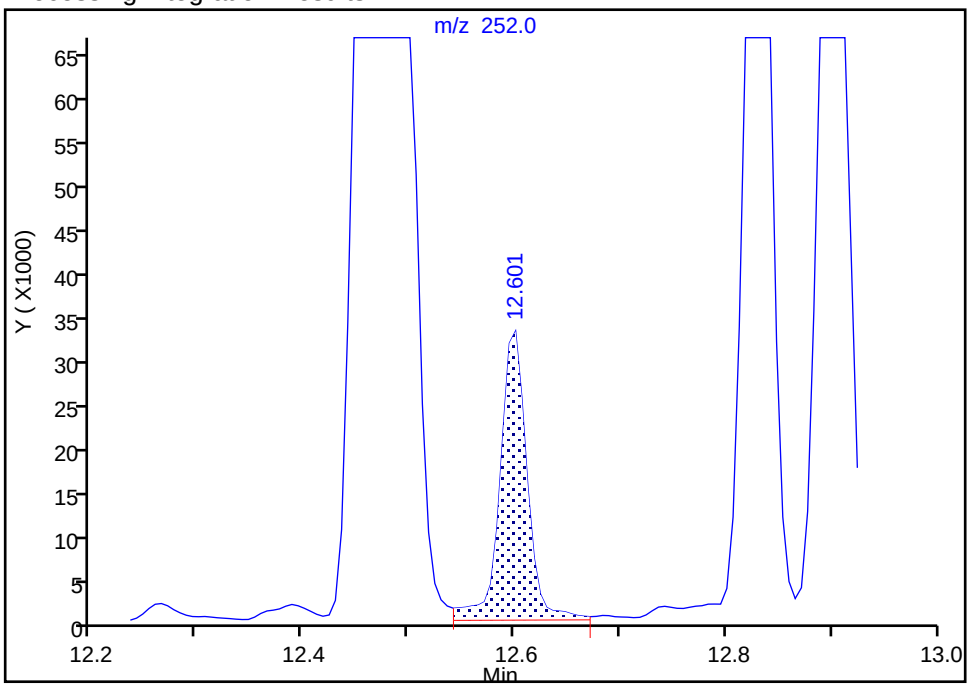
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

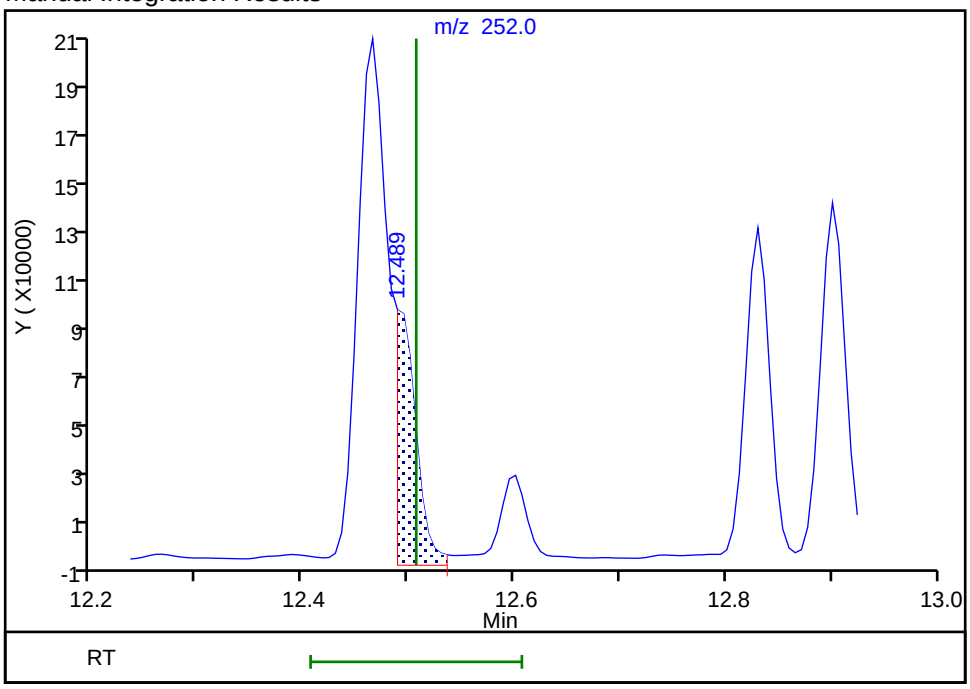
Processing Integration Results

RT: 12.60
Area: 58779
Amount: 1.210015
Amount Units: ug/ml



Manual Integration Results

RT: 12.49
Area: 137120
Amount: 2.822730
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:57:25
Audit Action: Manually Integrated Audit Reason: Baseline

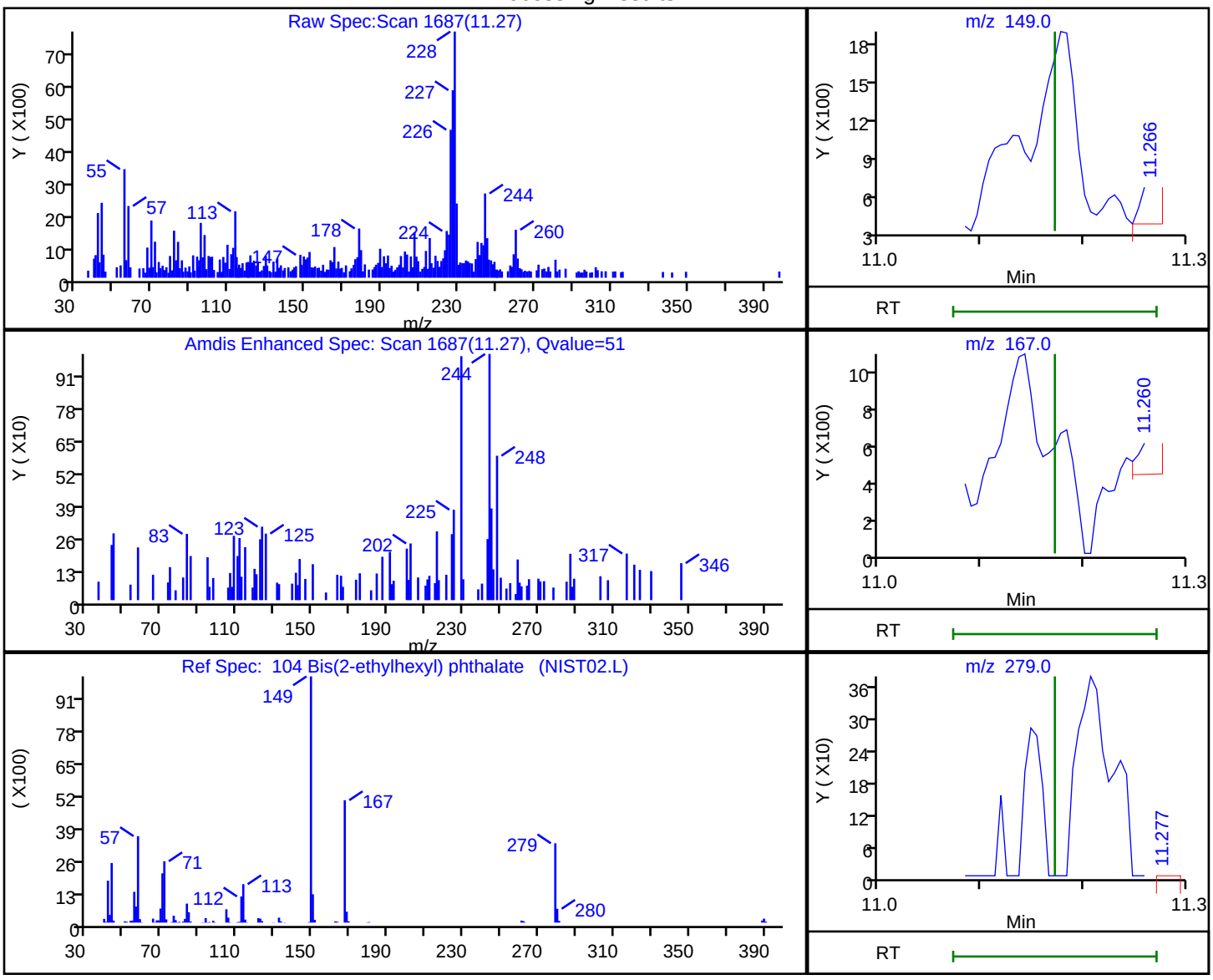
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Processing Results



RT	Mass	Response	Amount
11.27	149.00	367	0.008413
11.26	167.00	153	
11.28	279.00	116	

Reviewer: hamziy, 29-Aug-2020 19:57:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

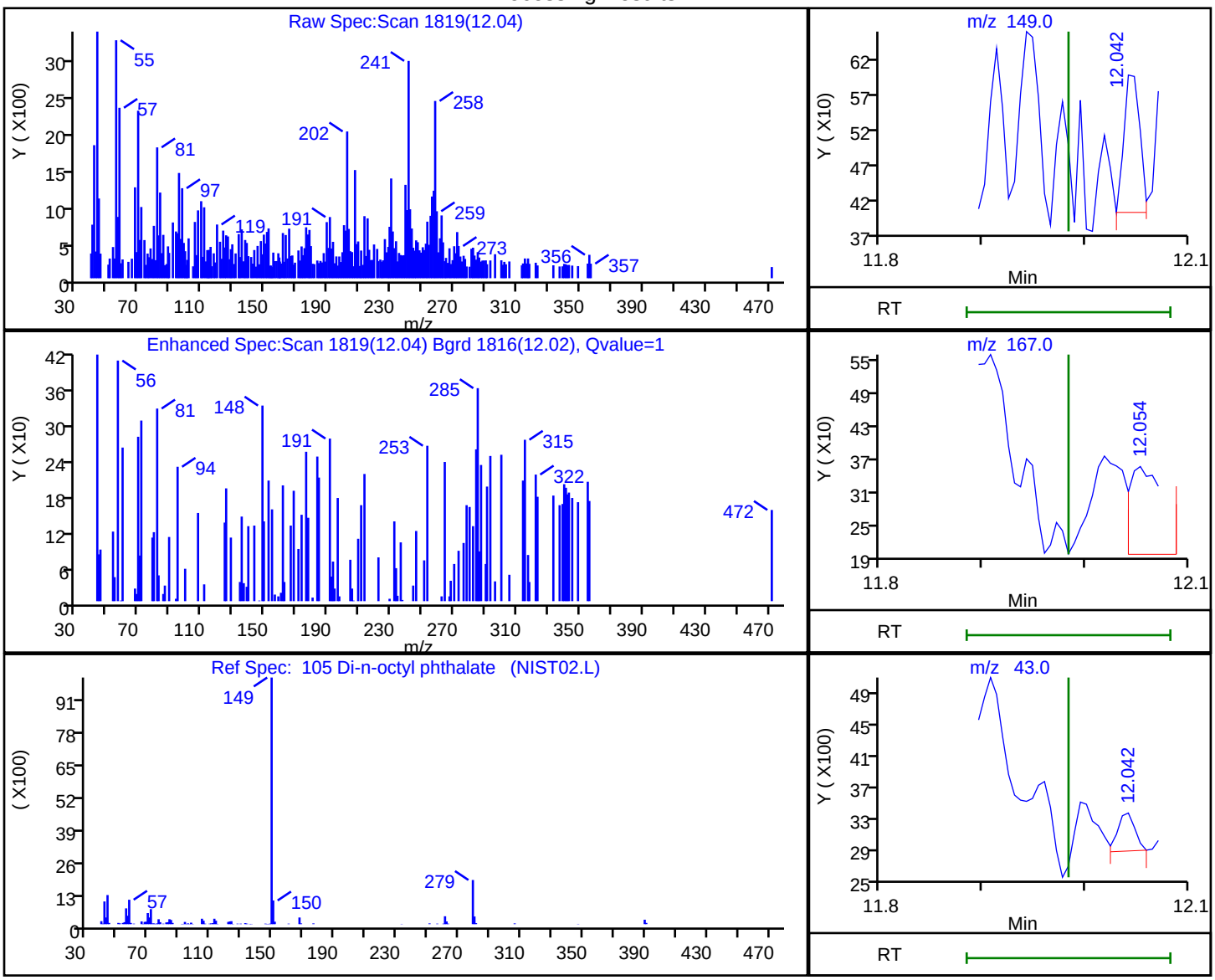
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d				
Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.04	149.00	213	0.003806
12.05	167.00	318	
12.04	43.00	557	

Reviewer: hamziy, 29-Aug-2020 19:57:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

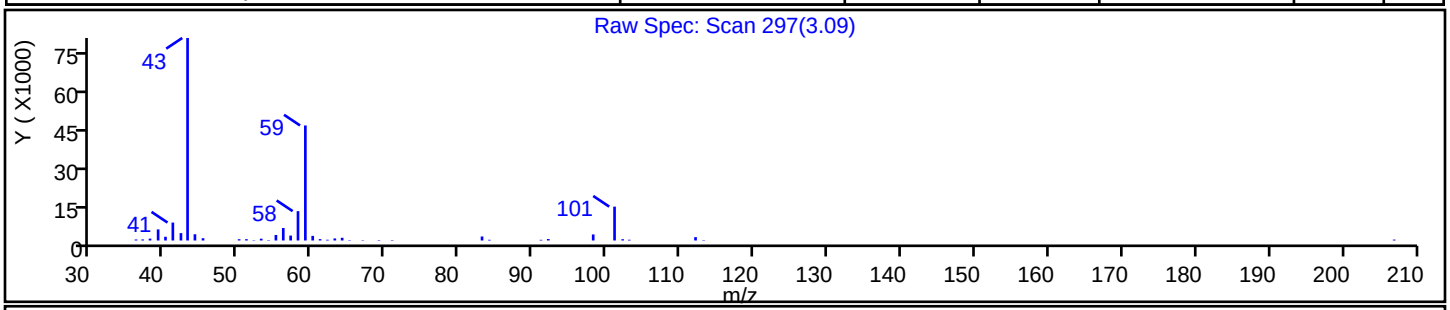
Report Date: 31-Aug-2020 11:47:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

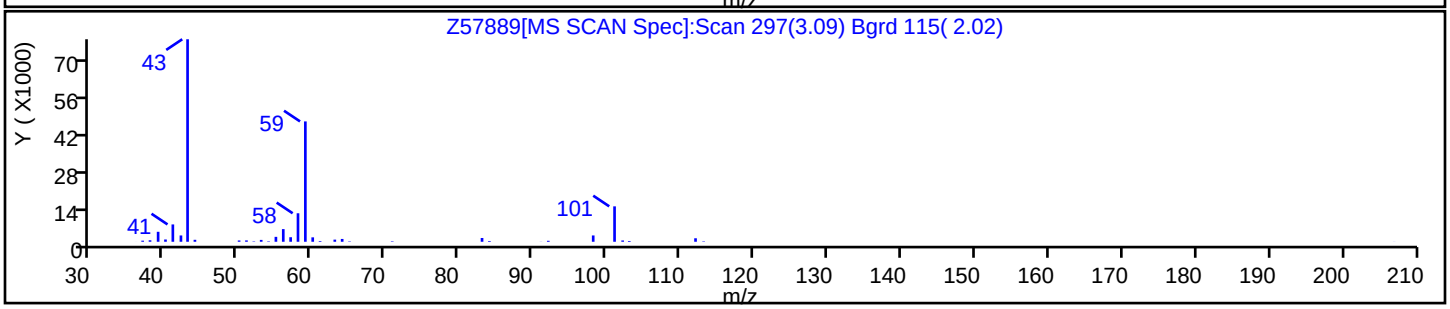
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d

Injection Date:	29-Aug-2020 09:53:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-3-A	Lab Sample ID:	460-217009-3		
Client ID:	SB-18_3-5_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

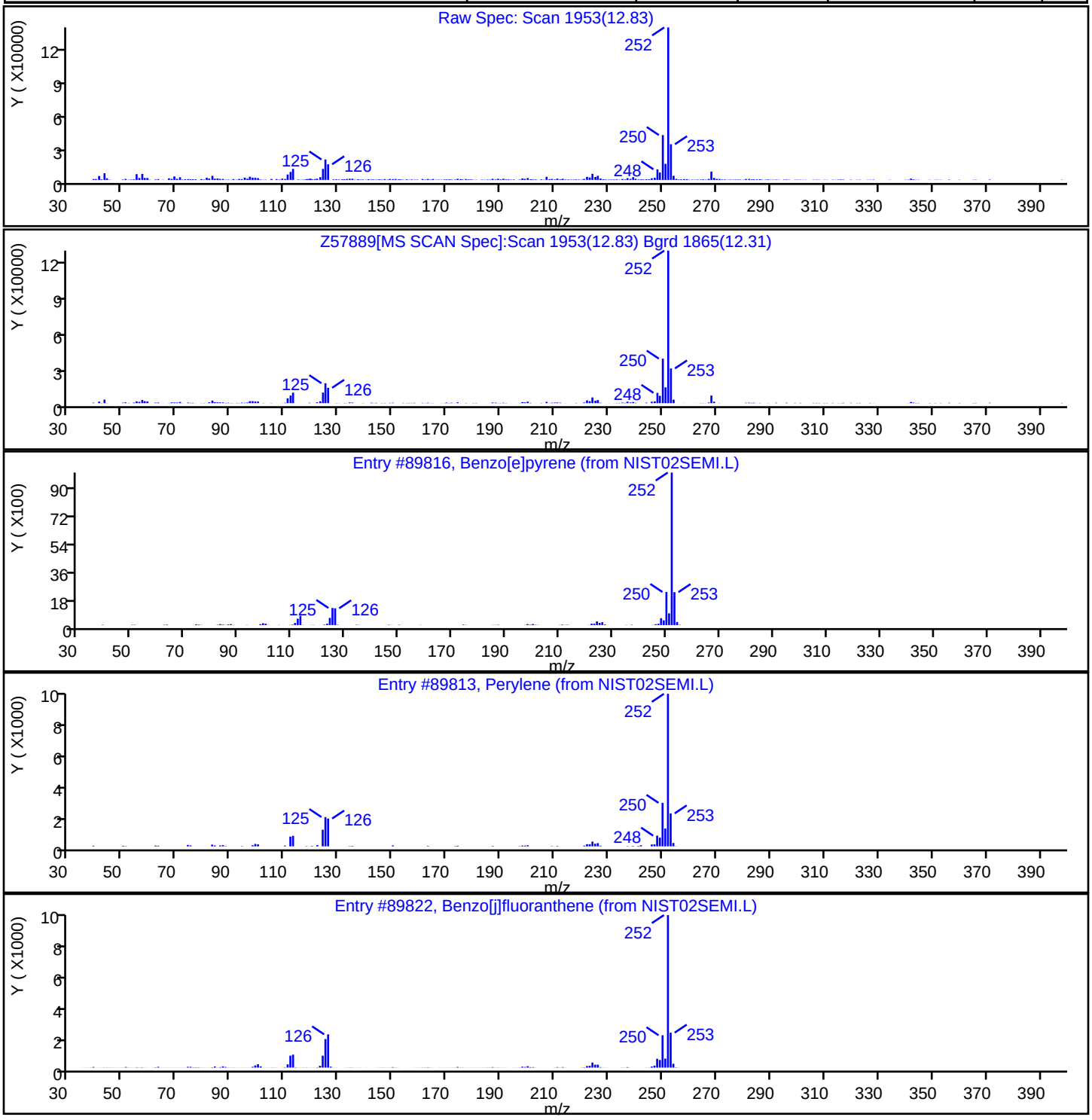




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57889.d
Injection Date: 29-Aug-2020 09:53:30 Instrument ID: CBNAMS11
Lims ID: 460-217009-E-3-A Lab Sample ID: 460-217009-3
Client ID: SB-18_3-5_20200827
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzo[e]pyrene	192-97-2	ST02SEMI	89816	C20H12	252	98
Perylene	198-55-0	ST02SEMI	89813	C20H12	252	95
Benzo[j]fluoranthene	205-82-3	ST02SEMI	89822	C20H12	252	86



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: Z57875.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:35

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 04:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0088	U	0.034	0.0088
95-50-1	1,2-Dichlorobenzene	0.0059	U	0.34	0.0059
541-73-1	1,3-Dichlorobenzene	0.0046	U	0.34	0.0046
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0095	U	0.10	0.0095
108-60-1	2,2'-oxybis[1-chloropropane]	0.0062	U	0.34	0.0062
121-14-2	2,4-Dinitrotoluene	0.037	U	0.070	0.037
606-20-2	2,6-Dinitrotoluene	0.025	U	0.070	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0096	U	0.34	0.0096
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.052	U	0.14	0.052
99-09-2	3-Nitroaniline	0.039	U	0.34	0.039
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.34	0.014
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.040	U	0.34	0.040
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0036	U	0.34	0.0036
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0092	U	0.034	0.0092
205-99-2	Benzo[b]fluoranthene	0.0089	U	0.034	0.0089
191-24-2	Benzo[g,h,i]perylene	0.010	U	0.34	0.010
207-08-9	Benzo[k]fluoranthene	0.0068	U	0.034	0.0068
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.34	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0058	U	0.34	0.0058
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0048	U	0.34	0.0048
84-66-2	Diethyl phthalate	0.0050	U	0.34	0.0050

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: Z57875.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:35

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 04:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.078	U	0.34	0.078
84-74-2	Di-n-butyl phthalate	0.061	U	0.34	0.061
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0047	U	0.34	0.0047
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0073	U	0.070	0.0073
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.099	U	0.14	0.099
91-20-3	Naphthalene	0.0060	U	0.34	0.0060
98-95-3	Nitrobenzene	0.0083	U	0.034	0.0083
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025
86-30-6	N-Nitrosodiphenylamine	0.0066	U	0.34	0.0066
85-01-8	Phenanthrene	0.0061	U	0.34	0.0061
129-00-0	Pyrene	0.0086	U	0.34	0.0086

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	57		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	56		19-105
1718-51-0	Terphenyl-d14 (Surr)	66		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: Z57875.d

Analysis Method: 8270D Date Collected: 08/27/2020 09:35

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 04:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.67	1.0	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d
Lims ID: 460-217009-E-4-A
Client ID: SB-18_16-18_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 04:22:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-011
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:24:50 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:50:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.154	4.160	-0.006	97	581980	40.0	
$ 26 Nitrobenzene-d5	82	4.696	4.707	-0.011	92	674105	28.1	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2235198	40.0	
$ 51 2-Fluorobiphenyl	172	6.442	6.448	-0.006	97	1344948	28.6	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1255901	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2458264	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1817458	33.1	
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	1996835	40.0	
* 109 Perylene-d12	264	12.983	12.983	0.000	99	1655990	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d				
Lims ID:	460-217009-E-4-A				
Client ID:	SB-18_16-18_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 04:22:30	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-011				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:24:50	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:50:14		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.672	1261442	14.4	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.154	3511358	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

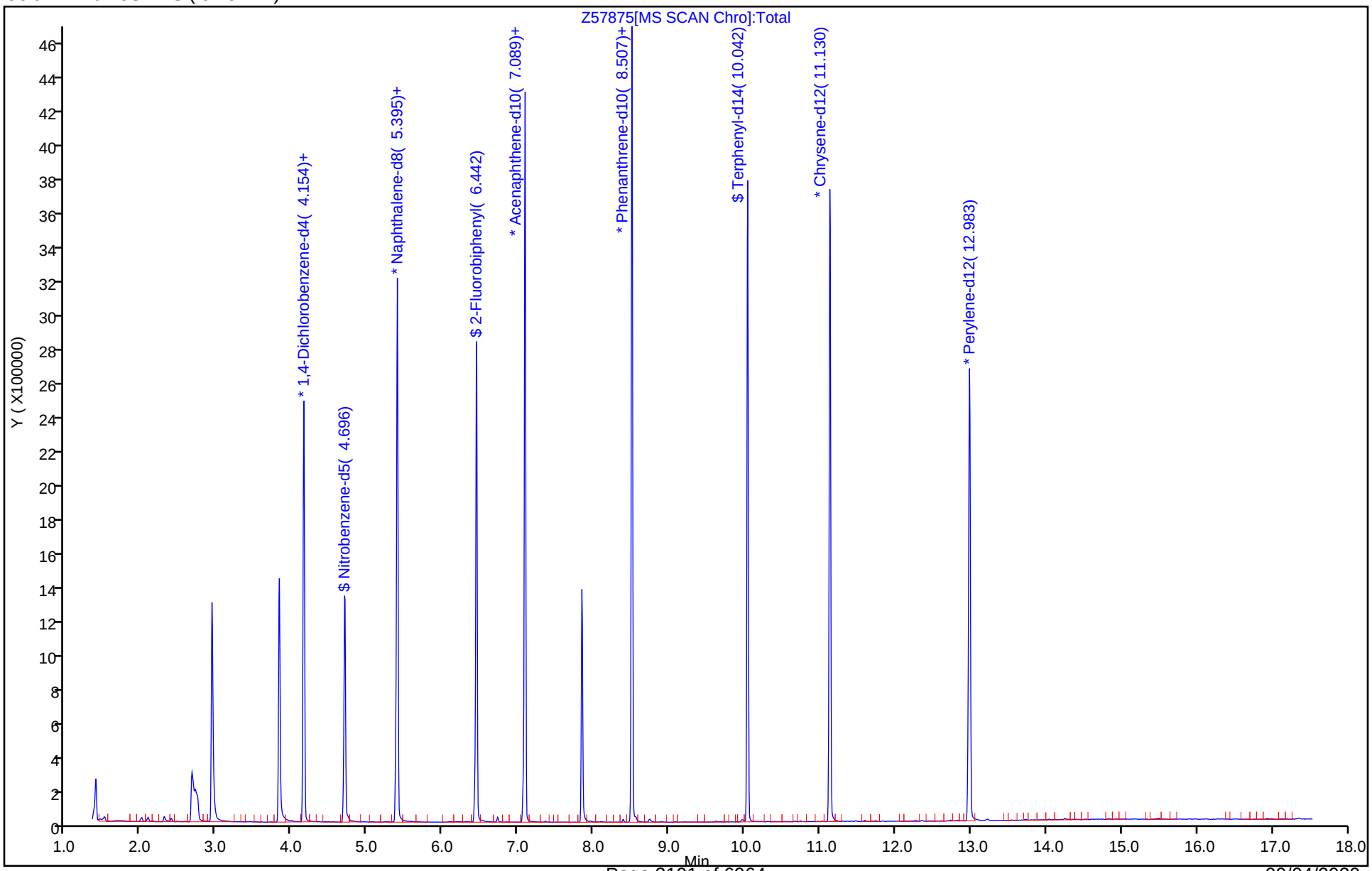
Report Date: 31-Aug-2020 11:24:50 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d

Injection Date:	29-Aug-2020 04:22:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-4-A	Lab Sample ID:	460-217009-4	Worklist Smp#:	11
Client ID:	SB-18_16-18_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



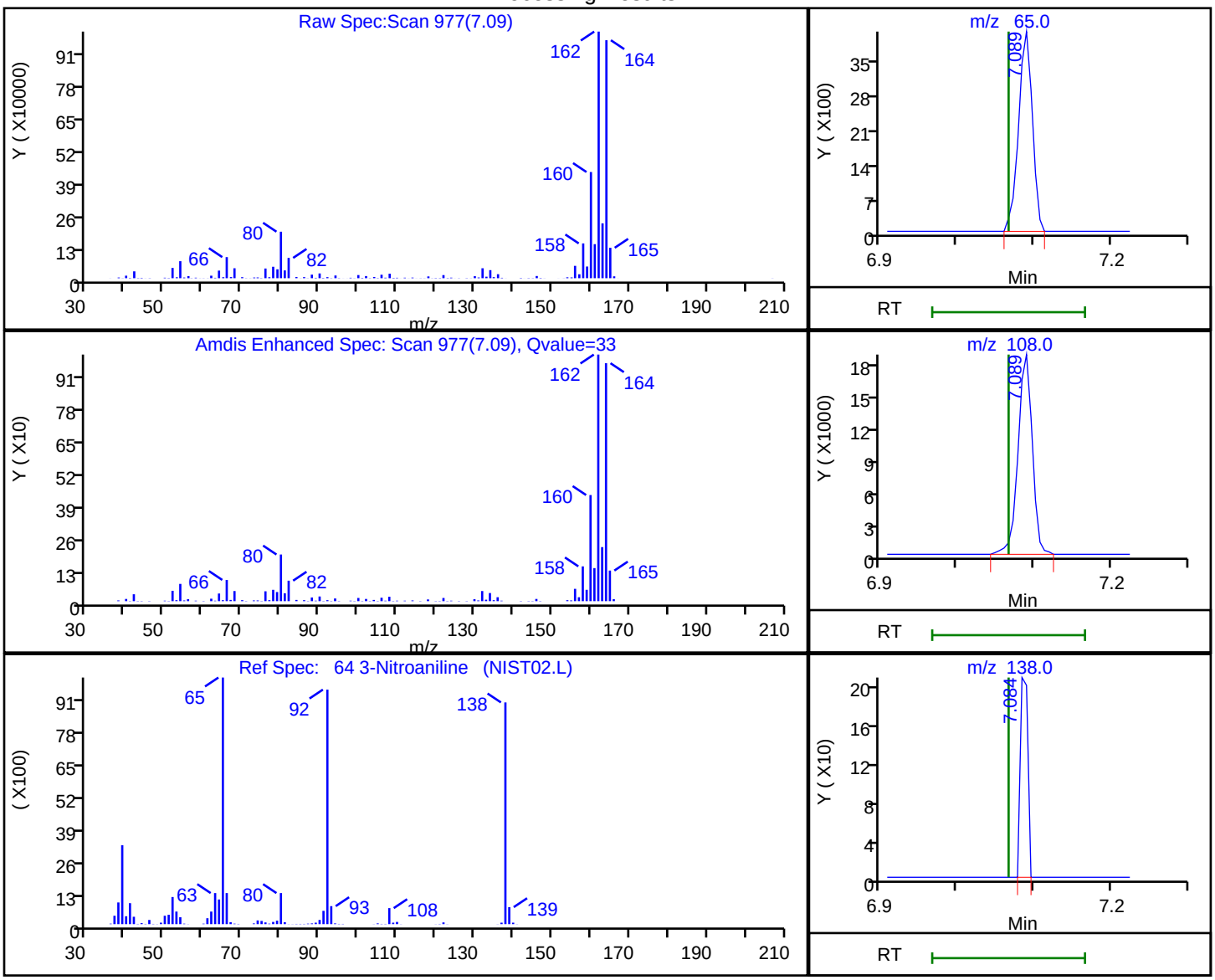
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d				
Injection Date:	29-Aug-2020 04:22:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-4-A	Lab Sample ID:	460-217009-4		
Client ID:	SB-18_16-18_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	5060	0.298153
7.09	108.00	23646	
7.08	138.00	142	

Reviewer: hamziy, 29-Aug-2020 19:50:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

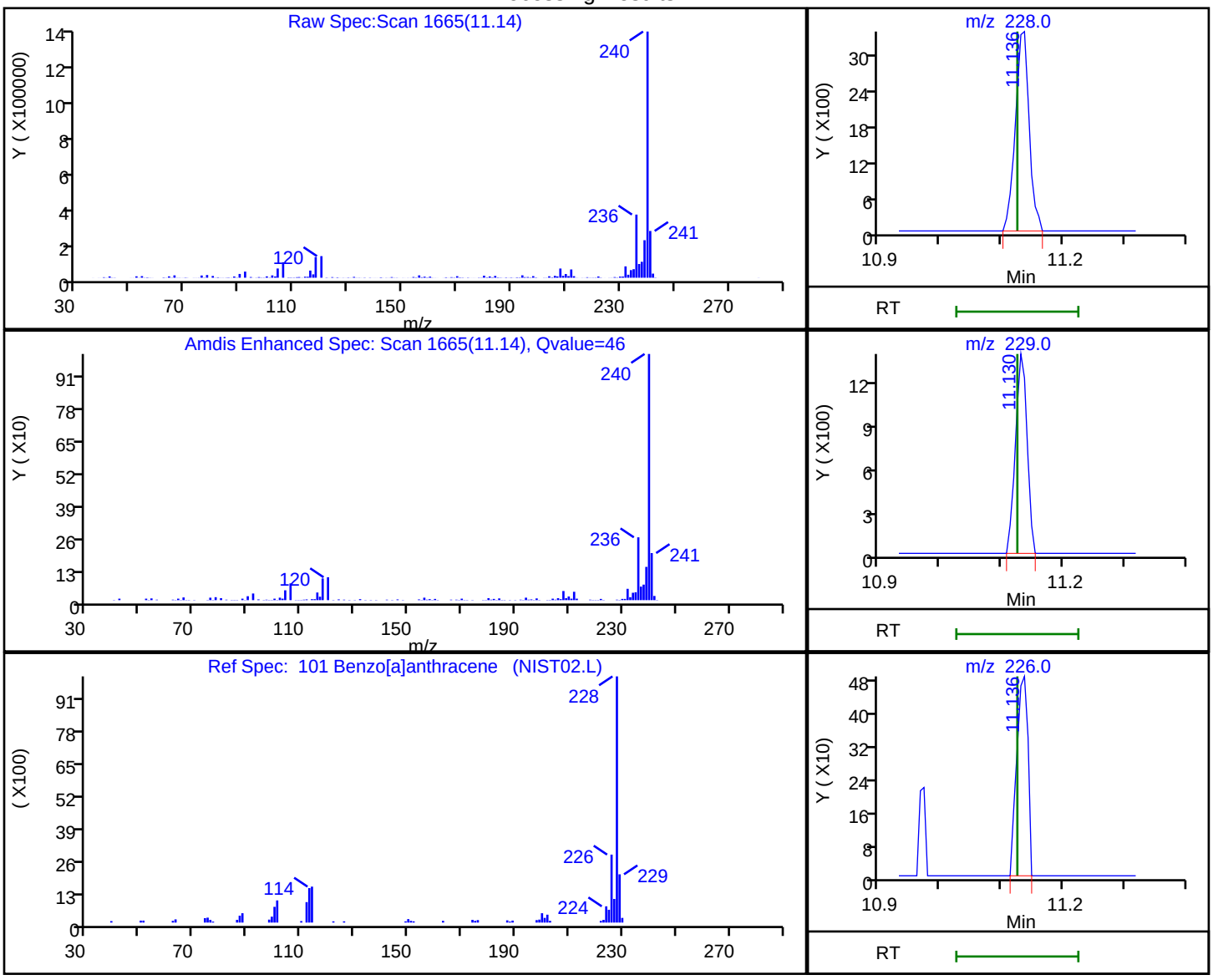
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d				
Injection Date:	29-Aug-2020 04:22:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-4-A	Lab Sample ID:	460-217009-4		
Client ID:	SB-18_16-18_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.14	228.00	5259	0.073829
11.13	229.00	1790	
11.14	226.00	627	

Reviewer: khlungprakhons, 31-Aug-2020 11:24:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

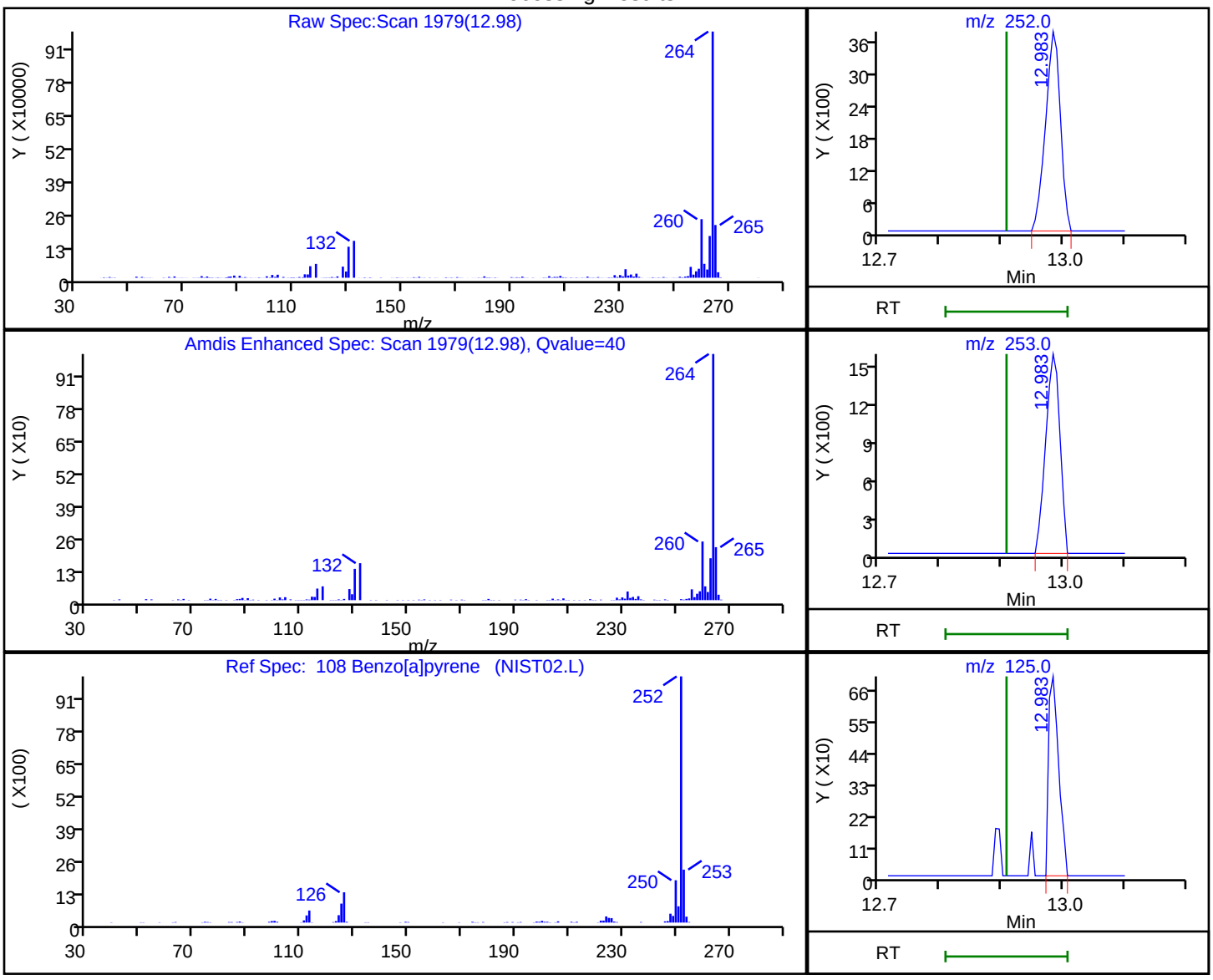
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d				
Injection Date:	29-Aug-2020 04:22:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-4-A	Lab Sample ID:	460-217009-4		
Client ID:	SB-18_16-18_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.98	252.00	6371	0.145352
12.98	253.00	2478	
12.98	125.00	812	

Reviewer: hamziy, 29-Aug-2020 19:50:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

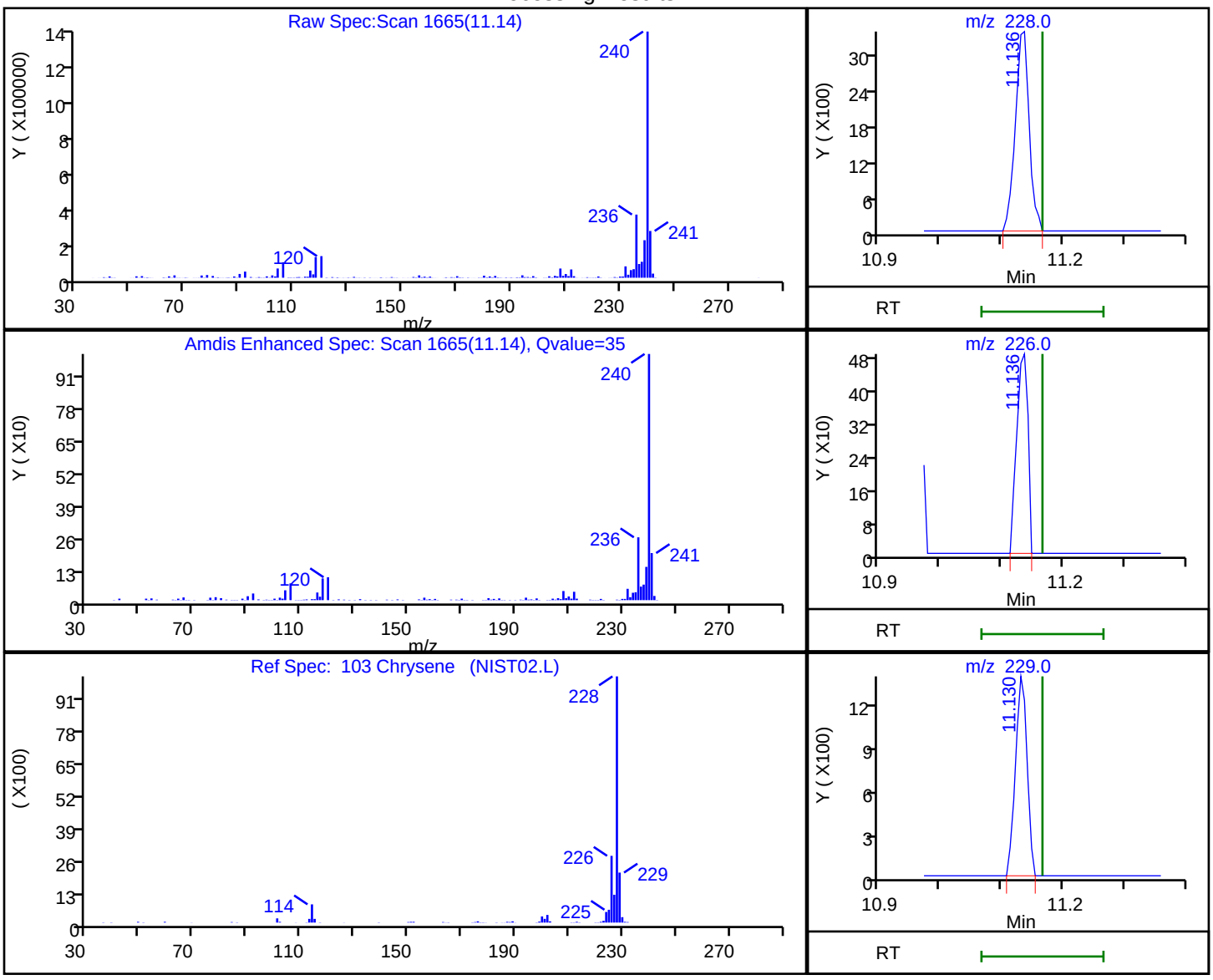
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d				
Injection Date:	29-Aug-2020 04:22:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-4-A	Lab Sample ID:	460-217009-4		
Client ID:	SB-18_16-18_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.14	228.00	5259	0.076468
11.14	226.00	627	
11.13	229.00	1790	

Reviewer: khlungprakhons, 31-Aug-2020 11:24:33

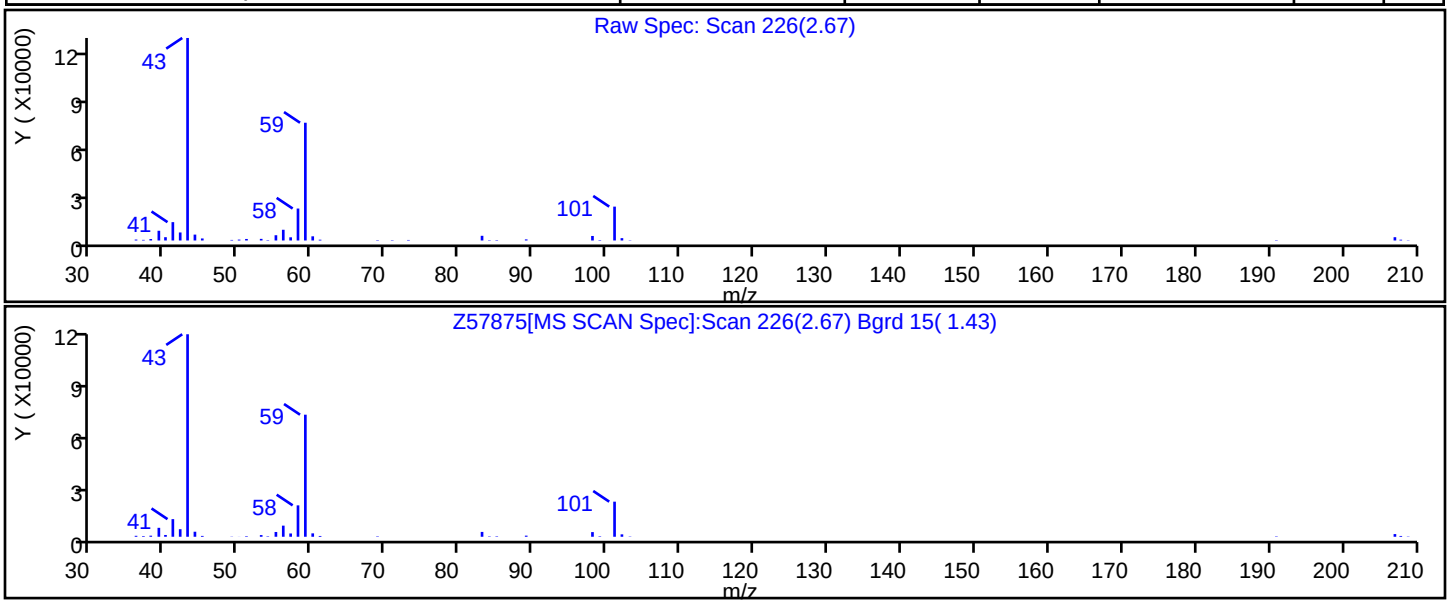
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 31-Aug-2020 11:24:50 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57875.d				
Injection Date:	29-Aug-2020 04:22:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-4-A	Lab Sample ID:	460-217009-4		
Client ID:	SB-18_16-18_20200827				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: Z57876.d

Analysis Method: 8270D Date Collected: 08/27/2020 11:30

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 04:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	0.034	0.0086
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.34	0.0057
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0093	U	0.10	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.34	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.024	U	0.34	0.024
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0090	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.0087	U	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.0066	U	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0057	U	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0047	U	0.34	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: Z57876.d

Analysis Method: 8270D Date Collected: 08/27/2020 11:30

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 04:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.076	U	0.34	0.076
84-74-2	Di-n-butyl phthalate	0.059	U	0.34	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.068	0.0072
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.097	U	0.14	0.097
91-20-3	Naphthalene	0.0058	U	0.34	0.0058
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064
85-01-8	Phenanthrene	0.0059	U	0.34	0.0059
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	60		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	62		19-105
1718-51-0	Terphenyl-d14 (Surr)	74		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: Z57876.d

Analysis Method: 8270D Date Collected: 08/27/2020 11:30

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 04:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 4.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.65	4.5	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Lims ID:	460-217009-E-5-A				
Client ID:	SB-05_1-3_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 04:45:30	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-012				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:25:28	Calib Date:	12-Aug-2020 19:02:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:50:30		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	97	557271	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	716176	31.1	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2145751	40.0	
$ 51 2-Fluorobiphenyl	172	6.442	6.448	-0.006	97	1403189	29.9	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	95	1255205	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2366125	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2057504	37.0	
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	2023505	40.0	
* 109 Perylene-d12	264	12.983	12.983	0.000	99	1663606	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Lims ID:	460-217009-E-5-A				
Client ID:	SB-05_1-3_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 04:45:30	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-012				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:25:28	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:50:30		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.654	5601504	66.1	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3389257	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

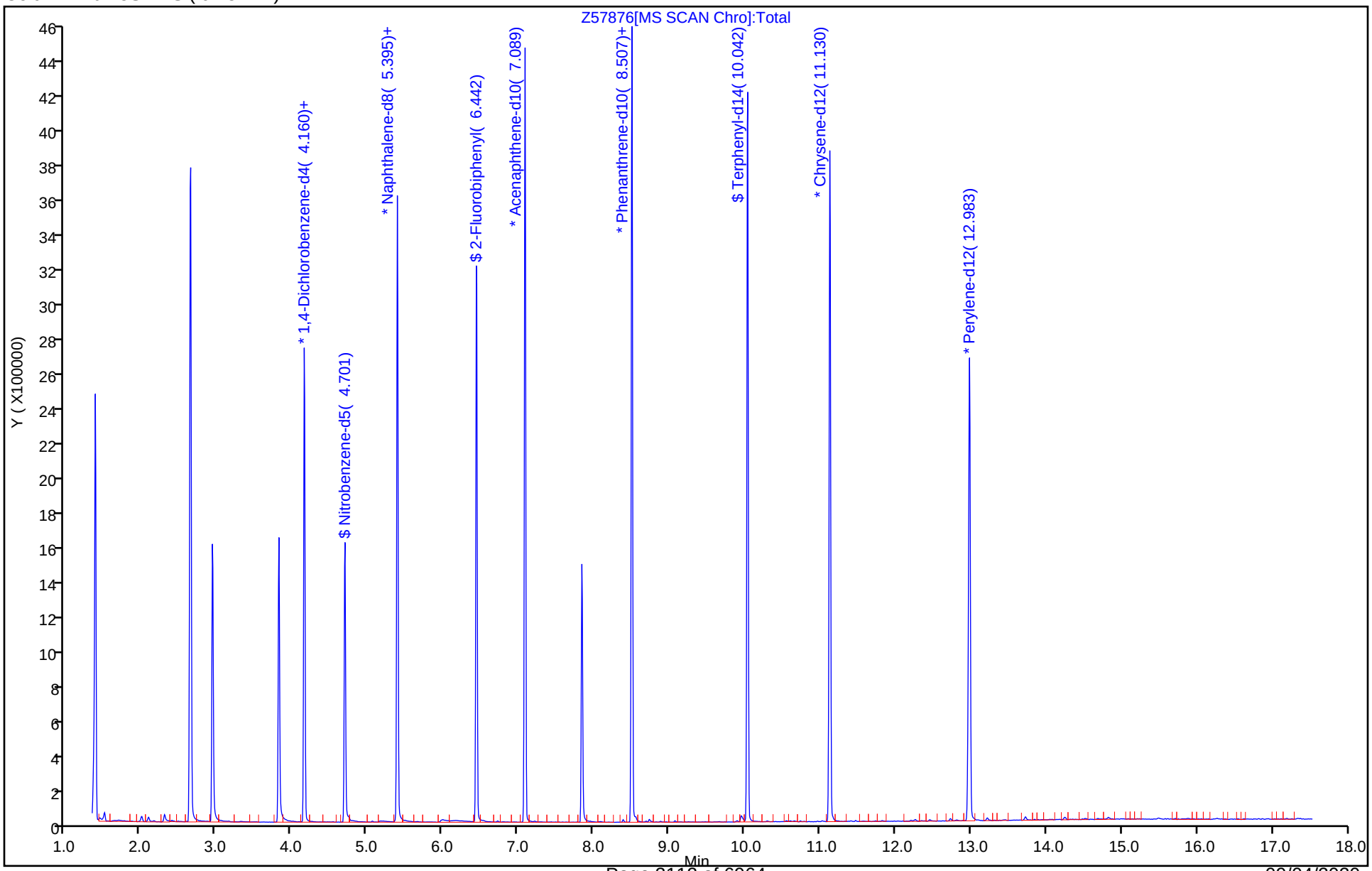
Report Date: 31-Aug-2020 11:25:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d

Injection Date:	29-Aug-2020 04:45:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-5-A	Lab Sample ID:	460-217009-5	Worklist Smp#:	12
Client ID:	SB-05_1-3_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



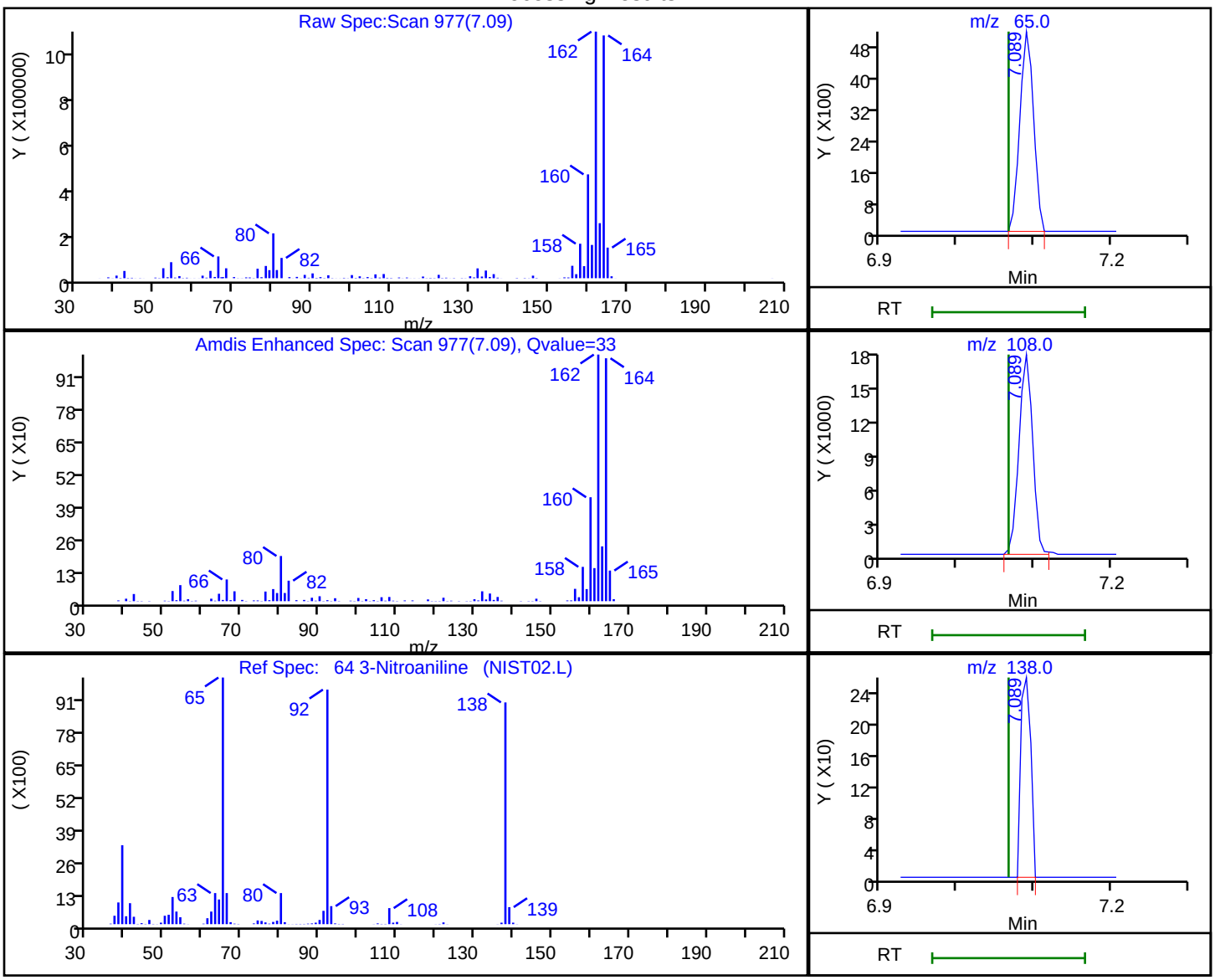
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Injection Date:	29-Aug-2020 04:45:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	6395	0.377025
7.09	108.00	21755	
7.09	138.00	232	

Reviewer: hamziy, 29-Aug-2020 19:50:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

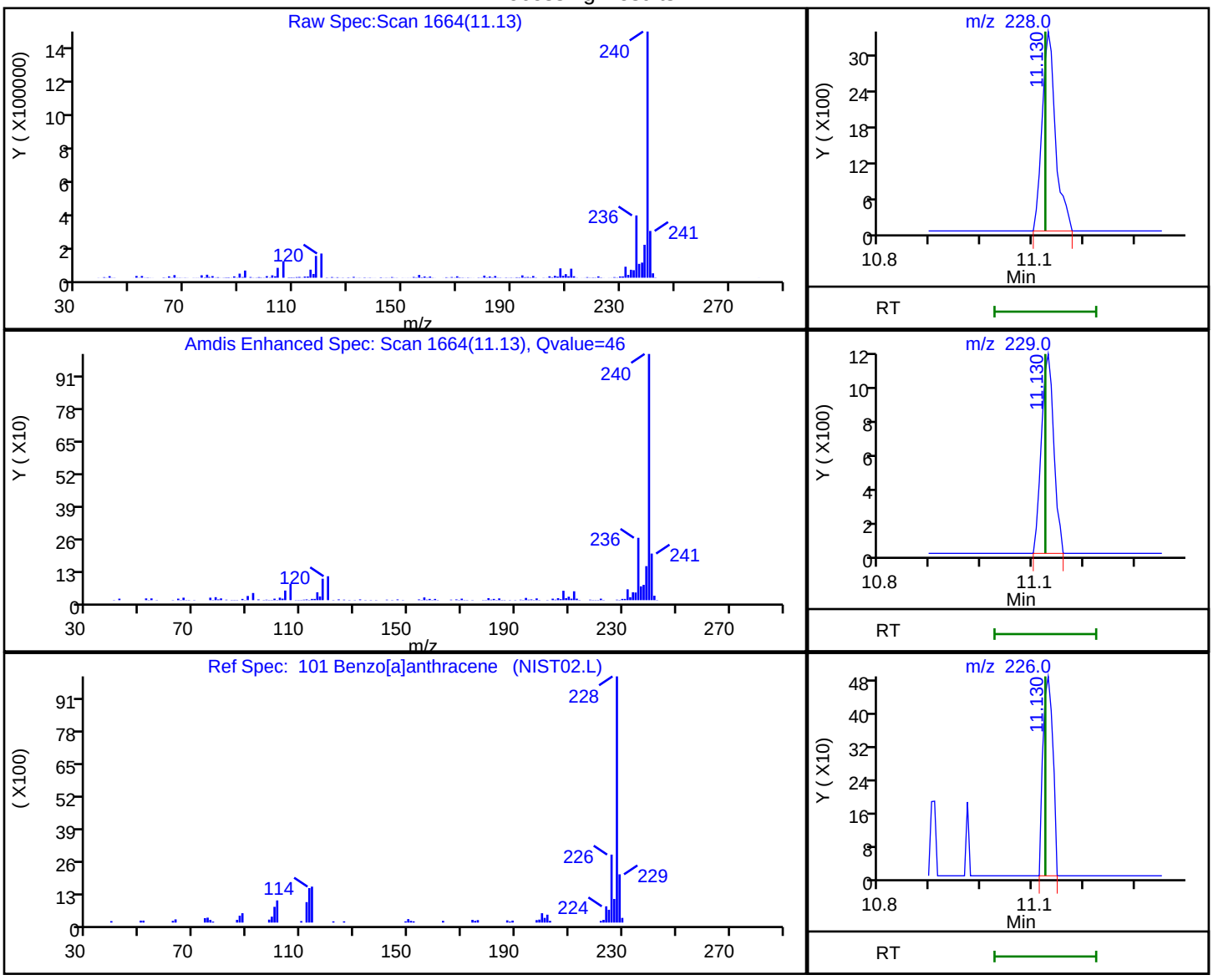
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Injection Date:	29-Aug-2020 04:45:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.13	228.00	6169	0.085463
11.13	229.00	1996	
11.13	226.00	649	

Reviewer: khlungprakhons, 31-Aug-2020 11:25:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

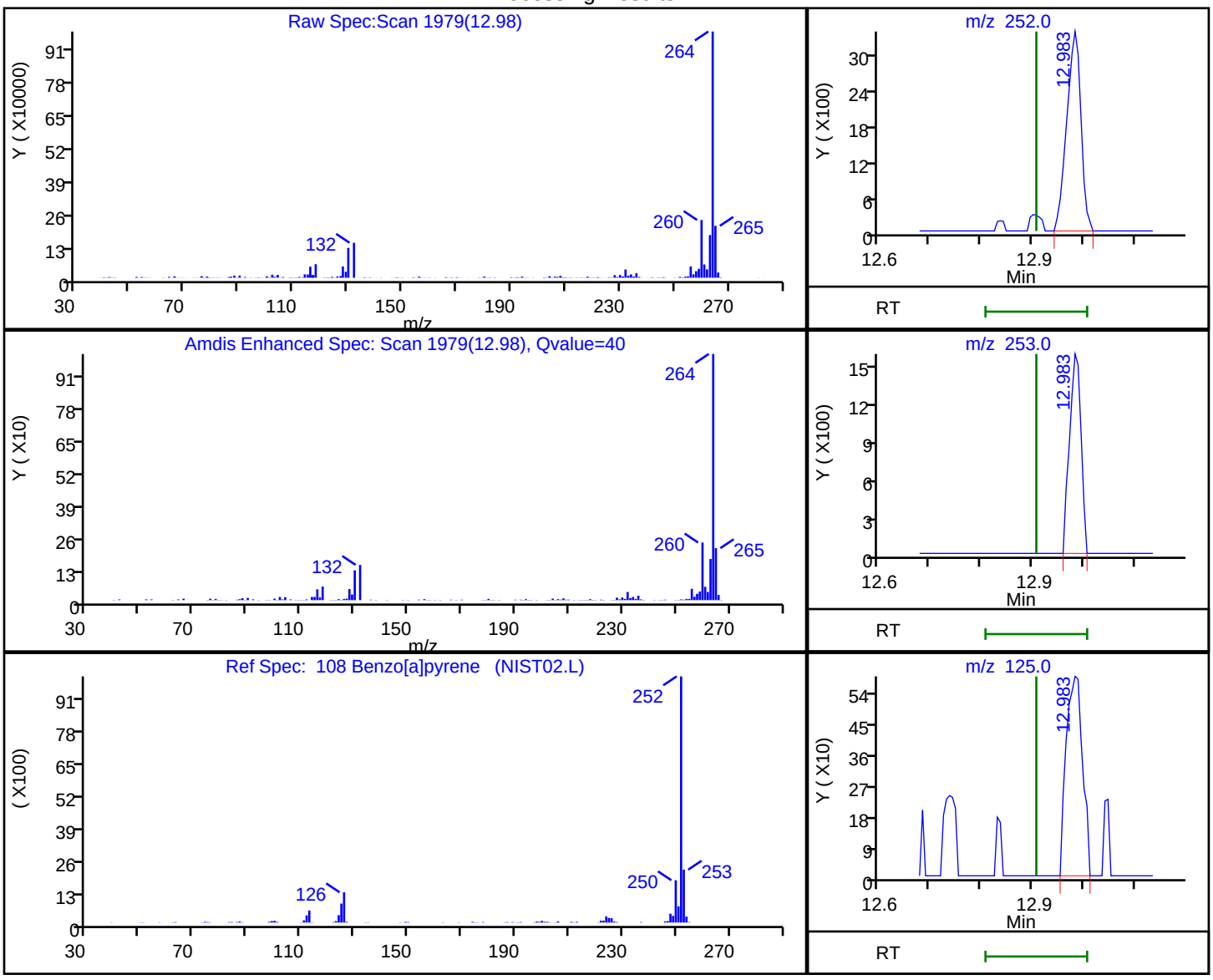
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Injection Date:	29-Aug-2020 04:45:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.98	252.00	6408	0.145527
12.98	253.00	2434	
12.98	125.00	1315	

Reviewer: hamziy, 29-Aug-2020 19:50:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

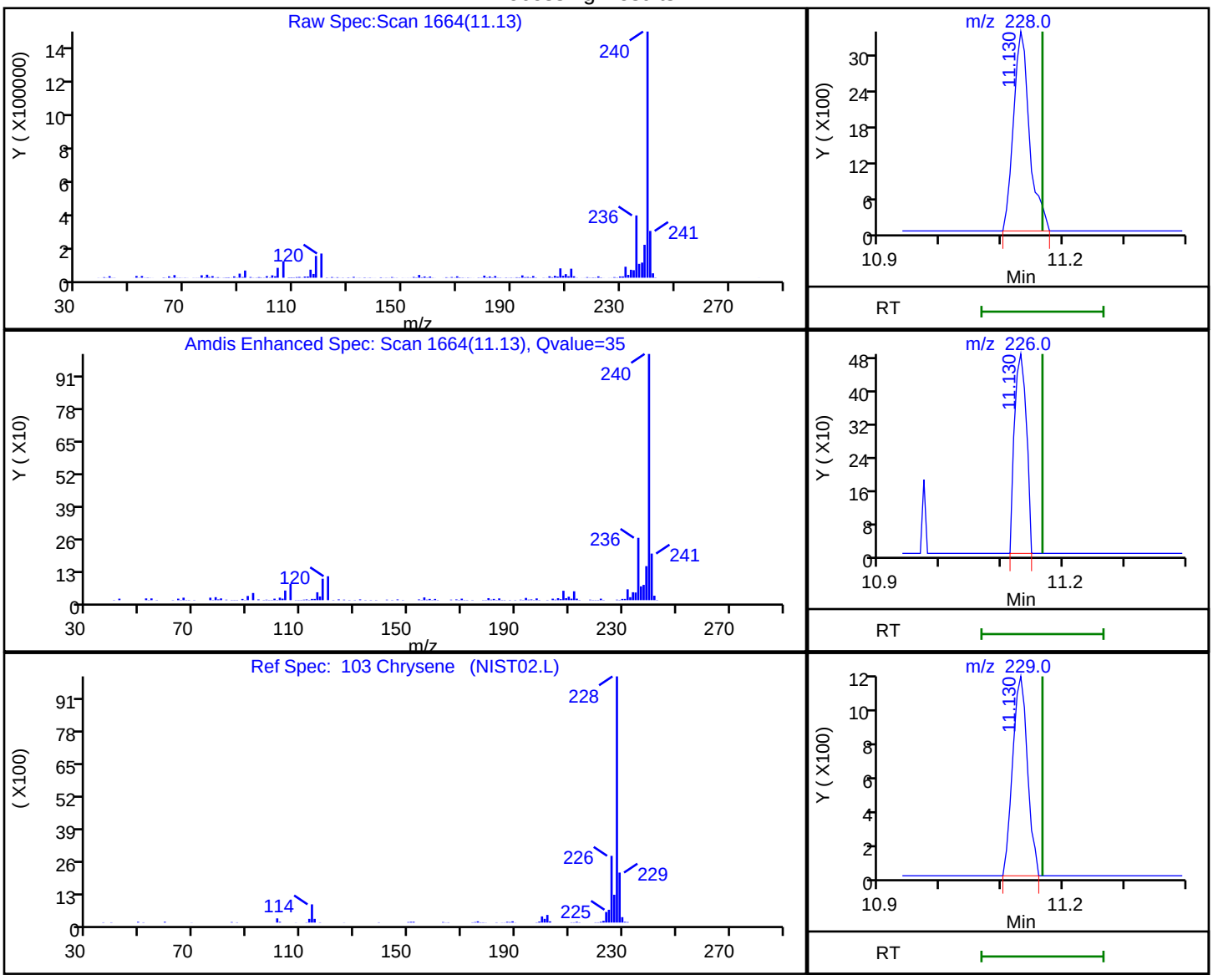
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Injection Date:	29-Aug-2020 04:45:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.13	228.00	6169	0.088518
11.13	226.00	649	
11.13	229.00	1996	

Reviewer: khlungprakhons, 31-Aug-2020 11:25:09

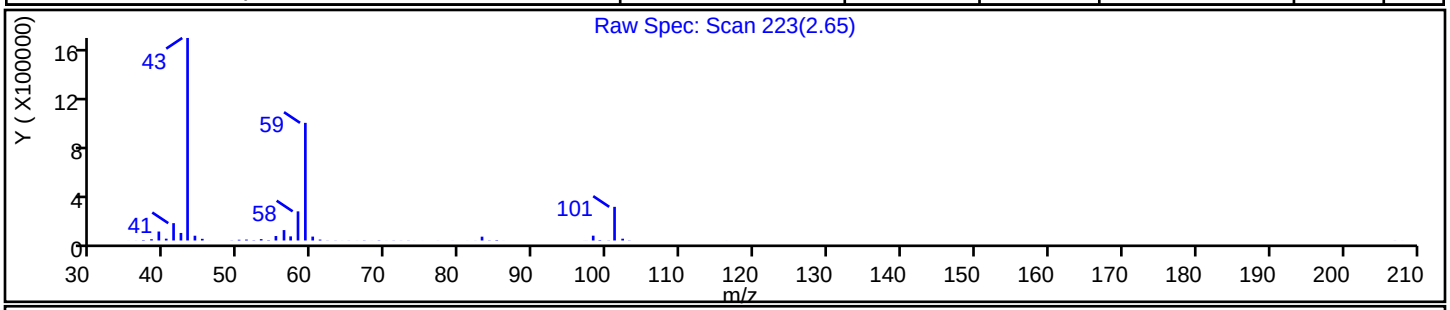
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

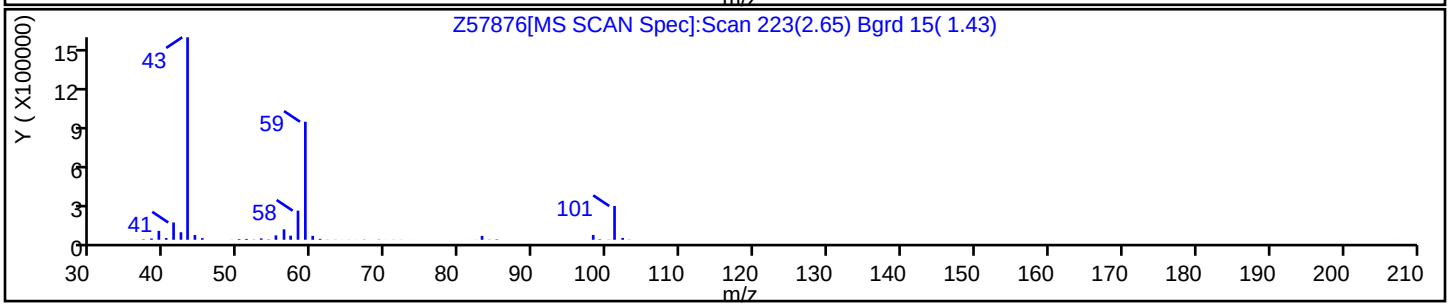
Report Date: 31-Aug-2020 11:25:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57876.d				
Injection Date:	29-Aug-2020 04:45:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-5-A	Lab Sample ID:	460-217009-5		
Client ID:	SB-05_1-3_20200827				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						





FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: Z57877.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:00

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	0.034	0.0086
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.34	0.0057
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0093	U	0.10	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.34	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.024	U	0.34	0.024
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.015	J	0.034	0.012
50-32-8	Benzo[a]pyrene	0.014	J	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.012	J	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.0068	J	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.011	J	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0047	U	0.34	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: Z57877.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:00

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.076	U	0.34	0.076
84-74-2	Di-n-butyl phthalate	0.059	U	0.34	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.015	J	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.068	0.0072
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.34	0.029
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.097	U	0.14	0.097
91-20-3	Naphthalene	0.0058	U	0.34	0.0058
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064
85-01-8	Phenanthrene	0.0096	J	0.34	0.0059
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	71		19-105
1718-51-0	Terphenyl-d14 (Surr)	87		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: Z57877.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:00

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 14

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.67	14	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d
Lims ID: 460-217009-E-6-A
Client ID: SB-07_0-2_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 05:09:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-013
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:26:17 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:51:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	98	551318	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	798633	35.4	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2100785	40.0	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	1644442	36.2	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1214171	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2329538	40.0	
88 Phenanthrene	178	8.525	8.531	-0.006	93	10031	0.1421	
92 Fluoranthene	202	9.672	9.666	0.006	98	16538	0.2191	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2349373	43.4	
101 Benzo[a]anthracene	228	11.124	11.124	-0.001	46	15285	0.2175	a
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	1969654	40.0	
103 Chrysene	228	11.160	11.160	-0.006	97	10651	0.1570	a
106 Benzo[b]fluoranthene	252	12.465	12.466	-0.001	96	9383	0.1833	M
107 Benzo[k]fluoranthene	252	12.489	12.507	-0.018	28	5118	0.1009	M
108 Benzo[a]pyrene	252	12.895	12.907	-0.012	96	9024	0.2104	
* 109 Perylene-d12	264	12.983	12.983	0.000	100	1620243	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.507	14.512	-0.006	88	4051	0.0903	
112 Benzo[g,h,i]perylene	276	14.906	14.924	-0.018	93	3651	0.0829	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Lims ID:	460-217009-E-6-A				
Client ID:	SB-07_0-2_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 05:09:30	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-013				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:26:17	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:51:06		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.666	17073372	206.8	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3302128	40.0

QC Flag Legend

Processing Flags

Reagents:

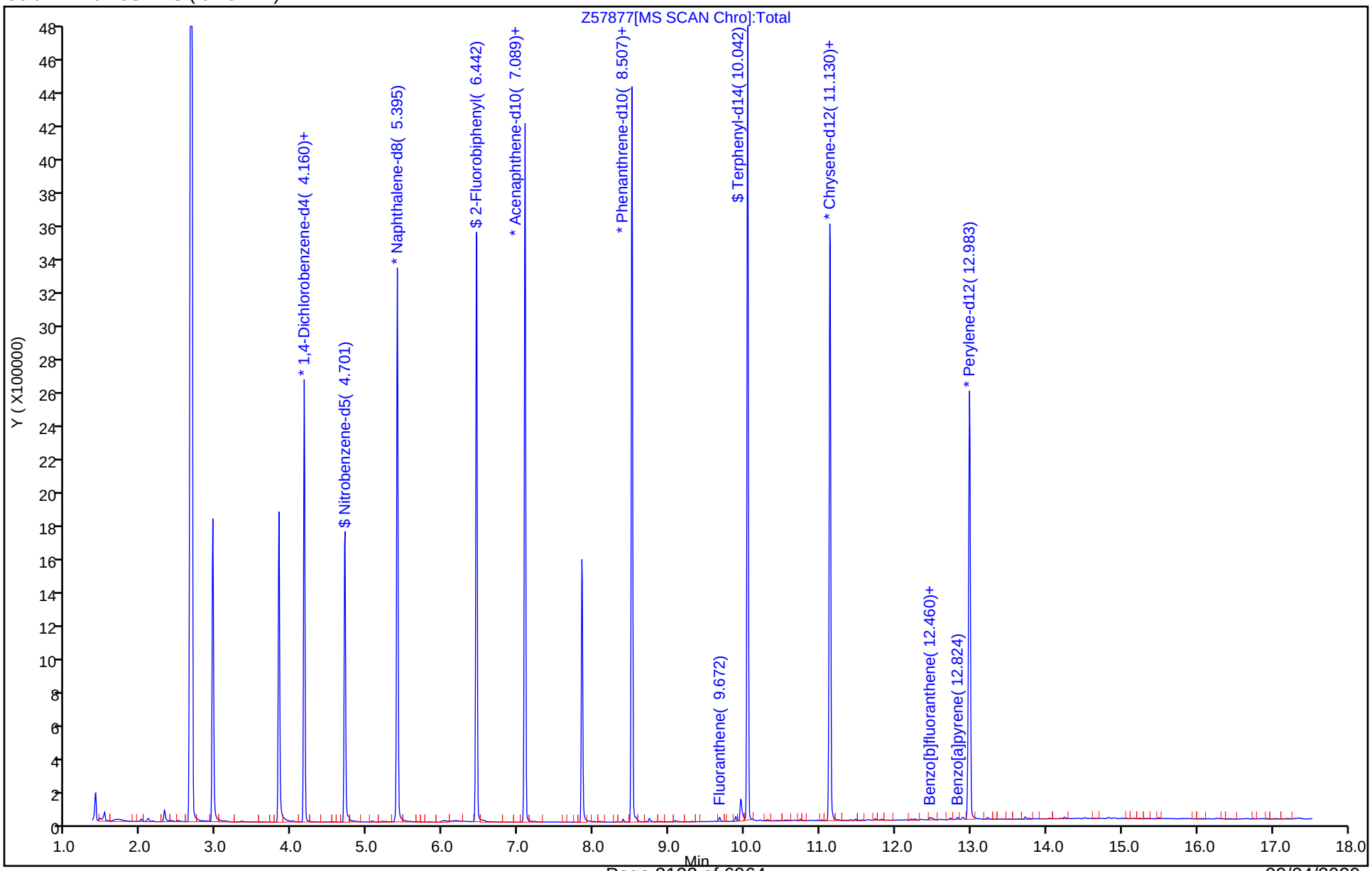
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:26:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6	Worklist Smp#:	13
Client ID:	SB-07_0-2_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
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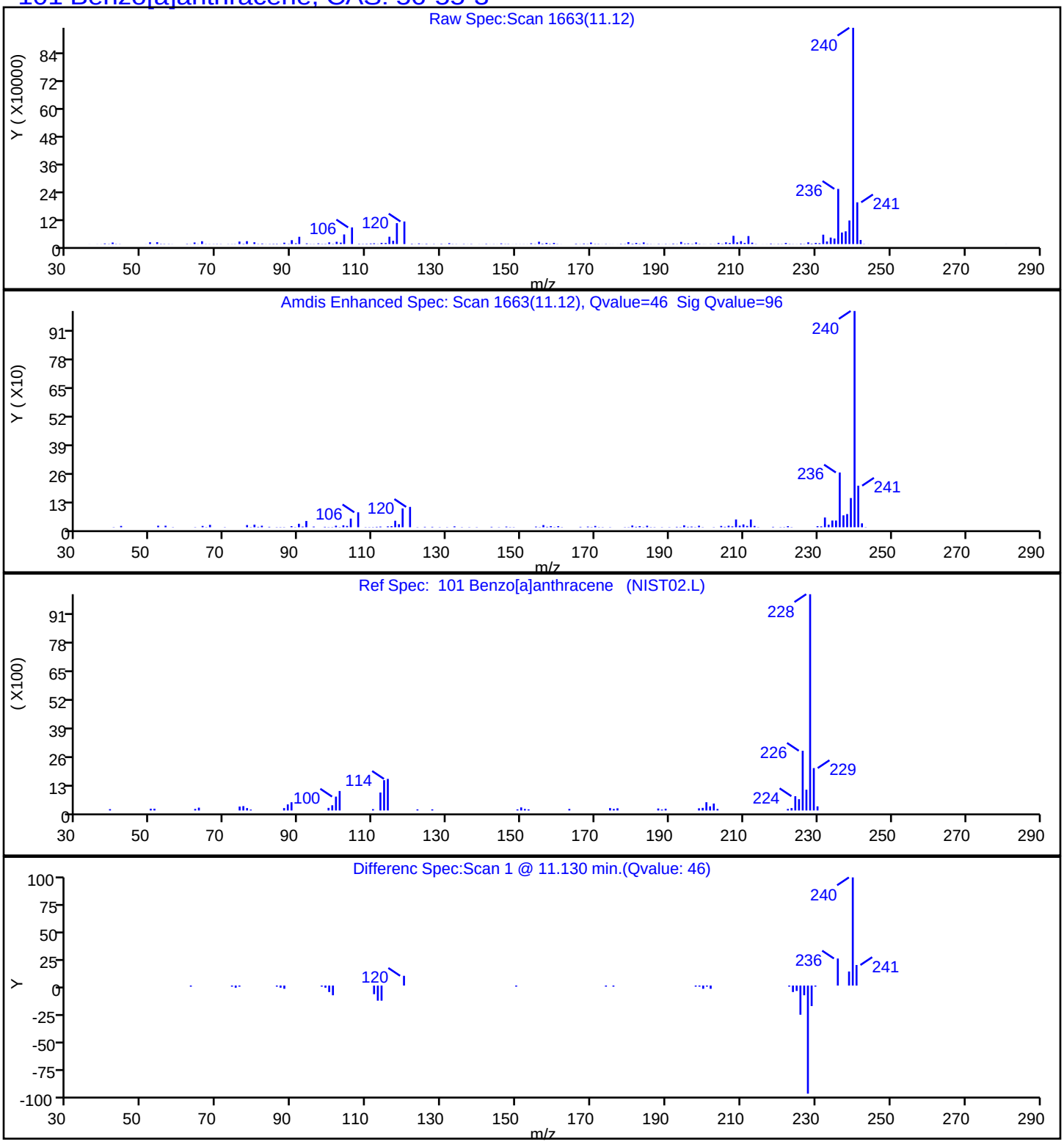
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

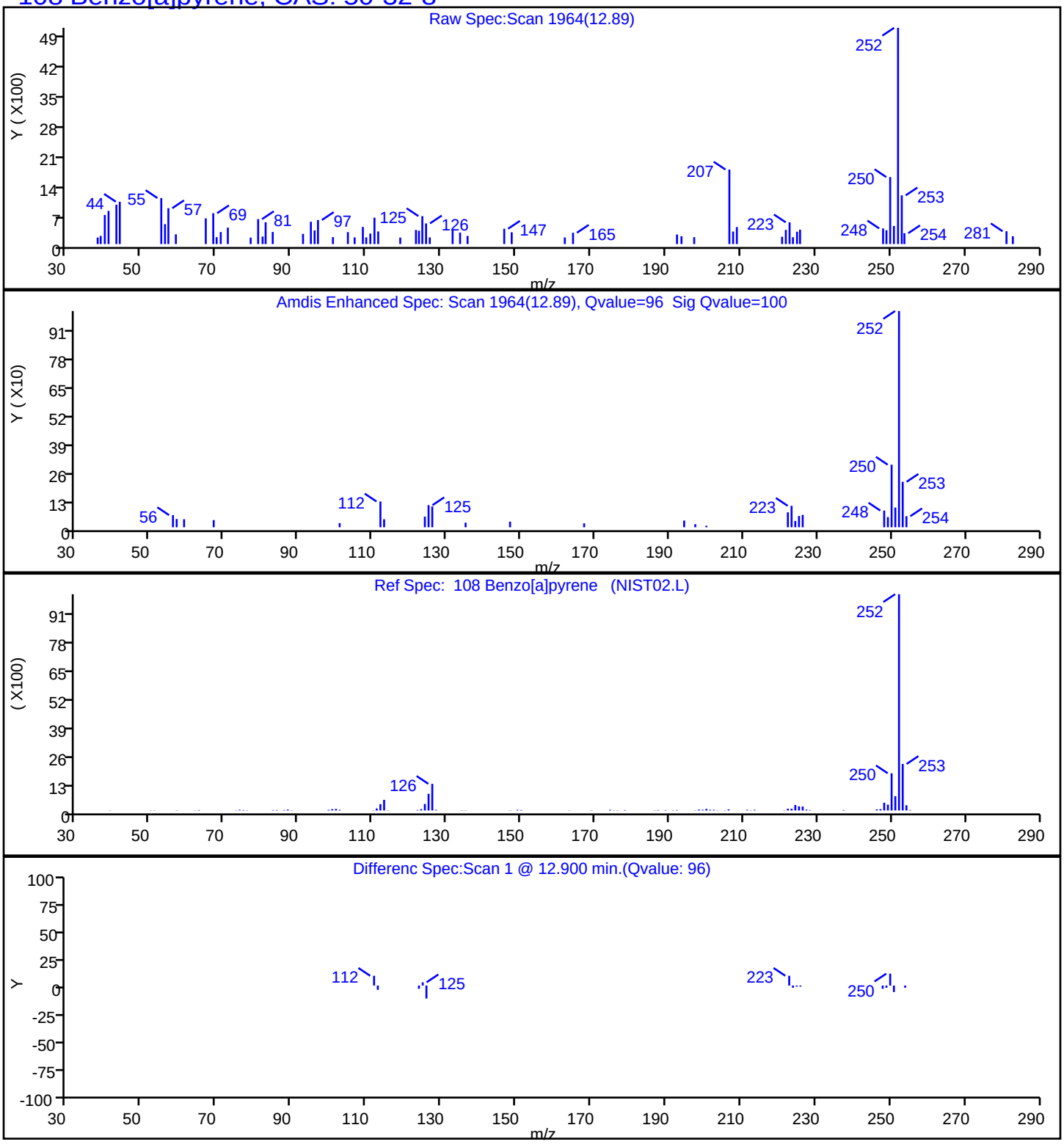
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

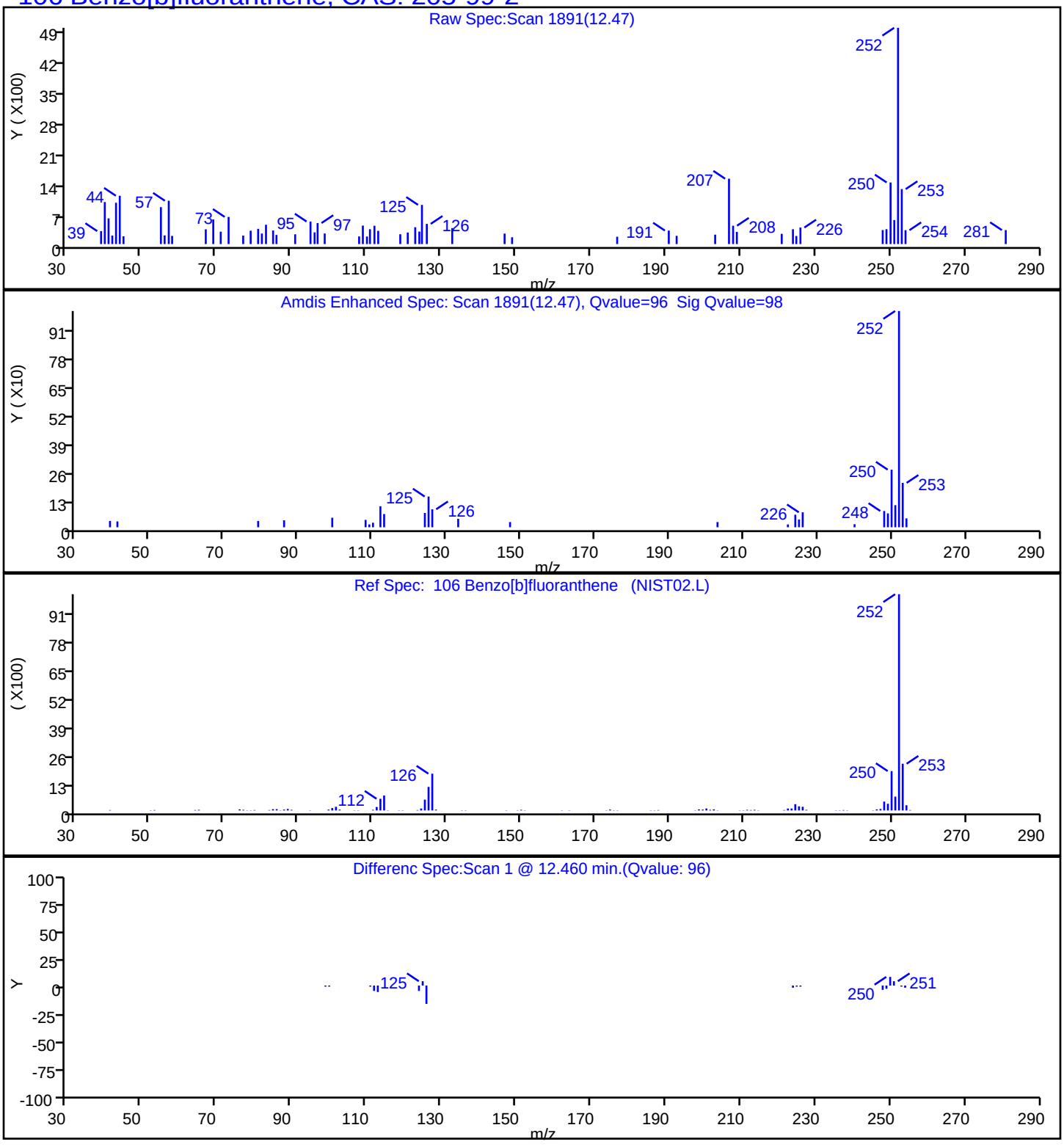
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

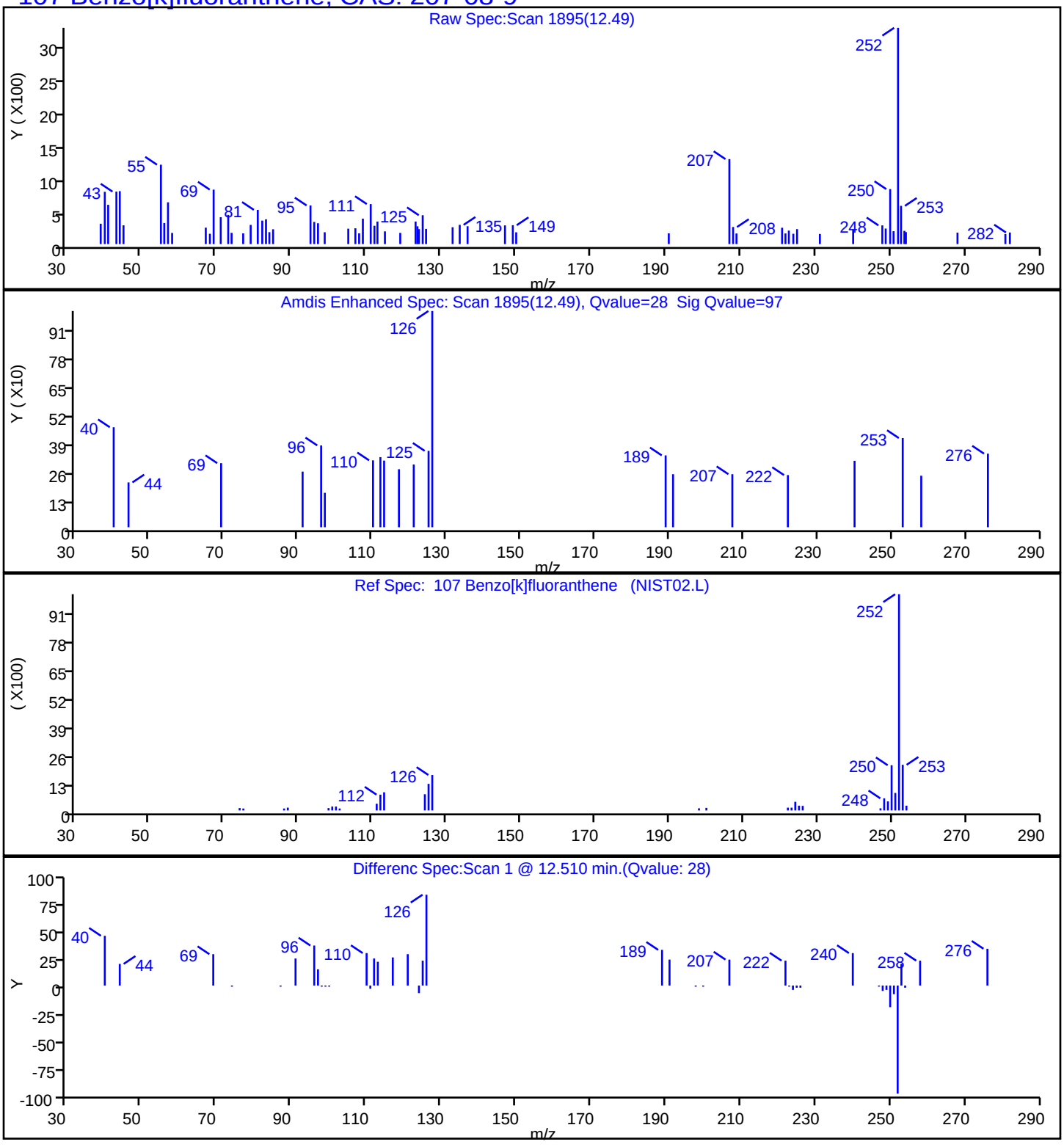
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

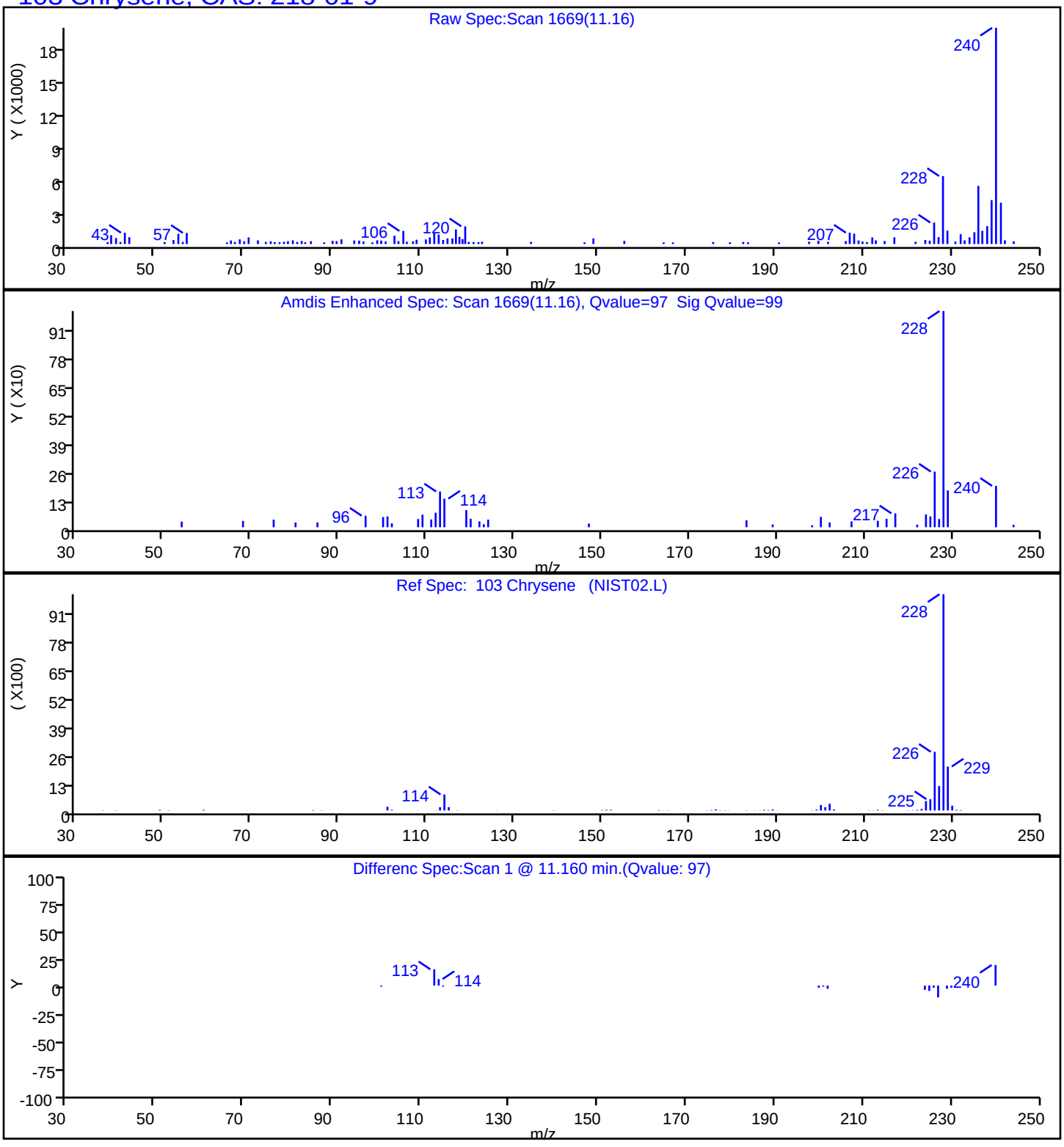
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

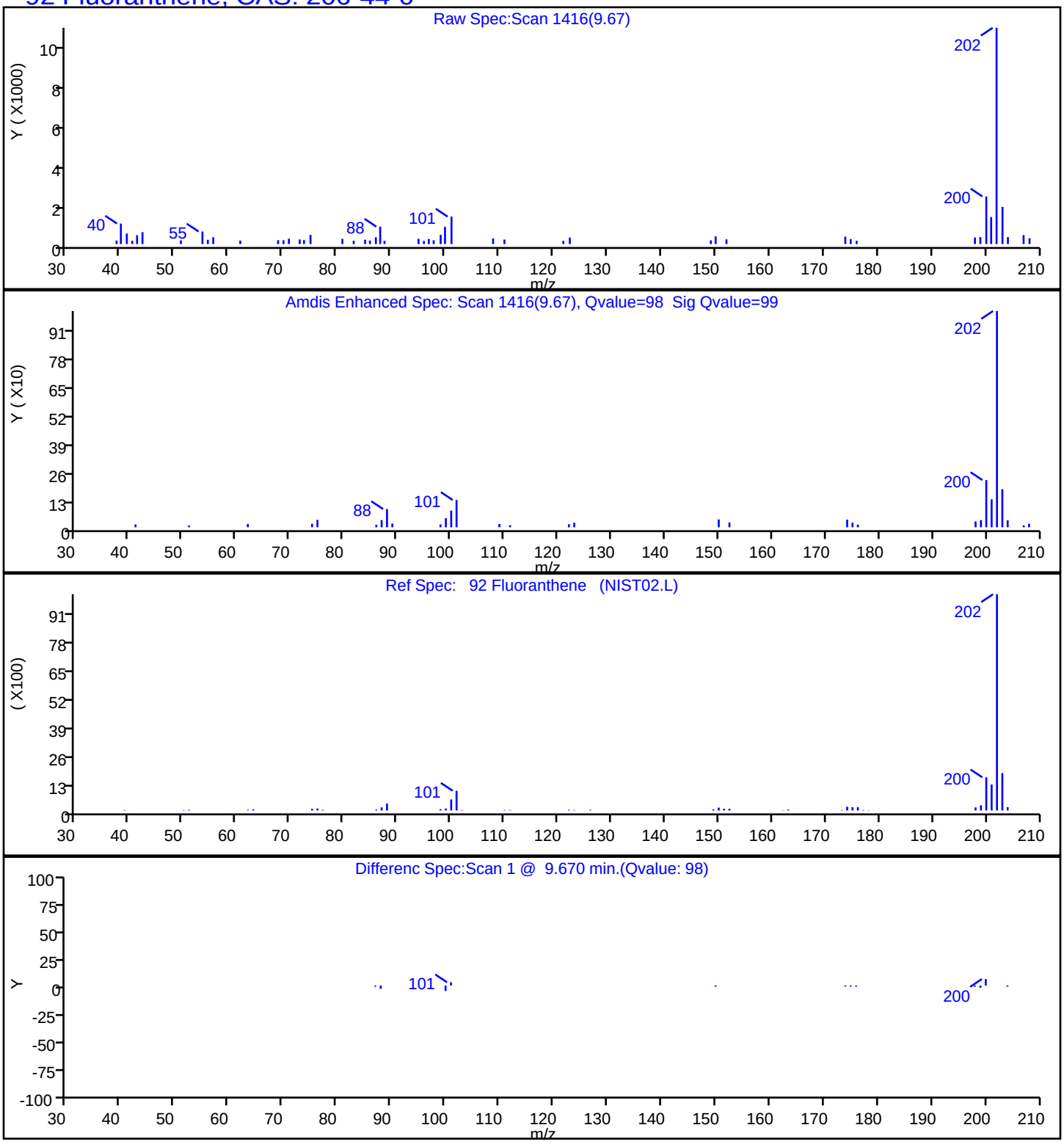


Report Date: 31-Aug-2020 11:26:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

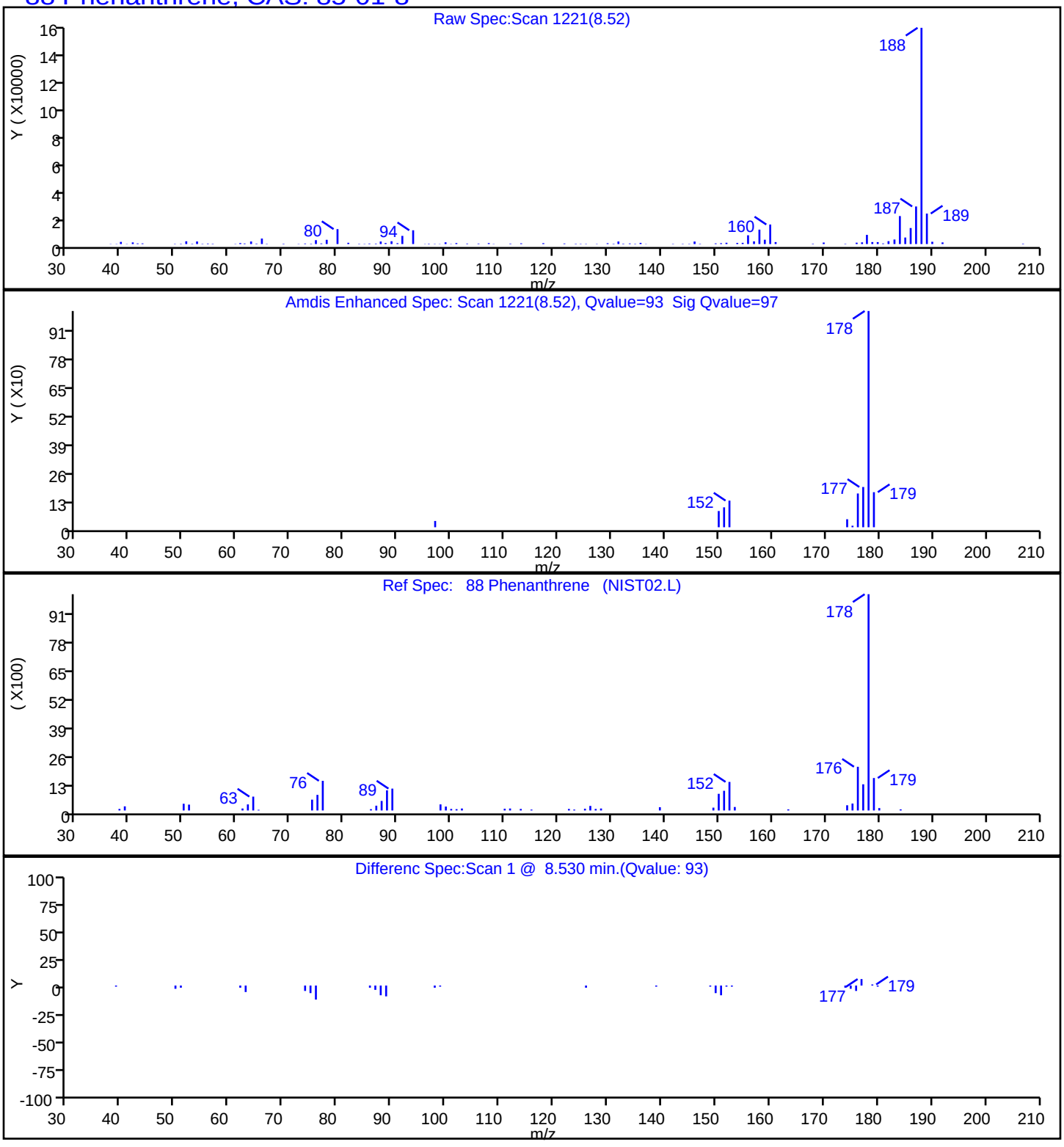
92 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8



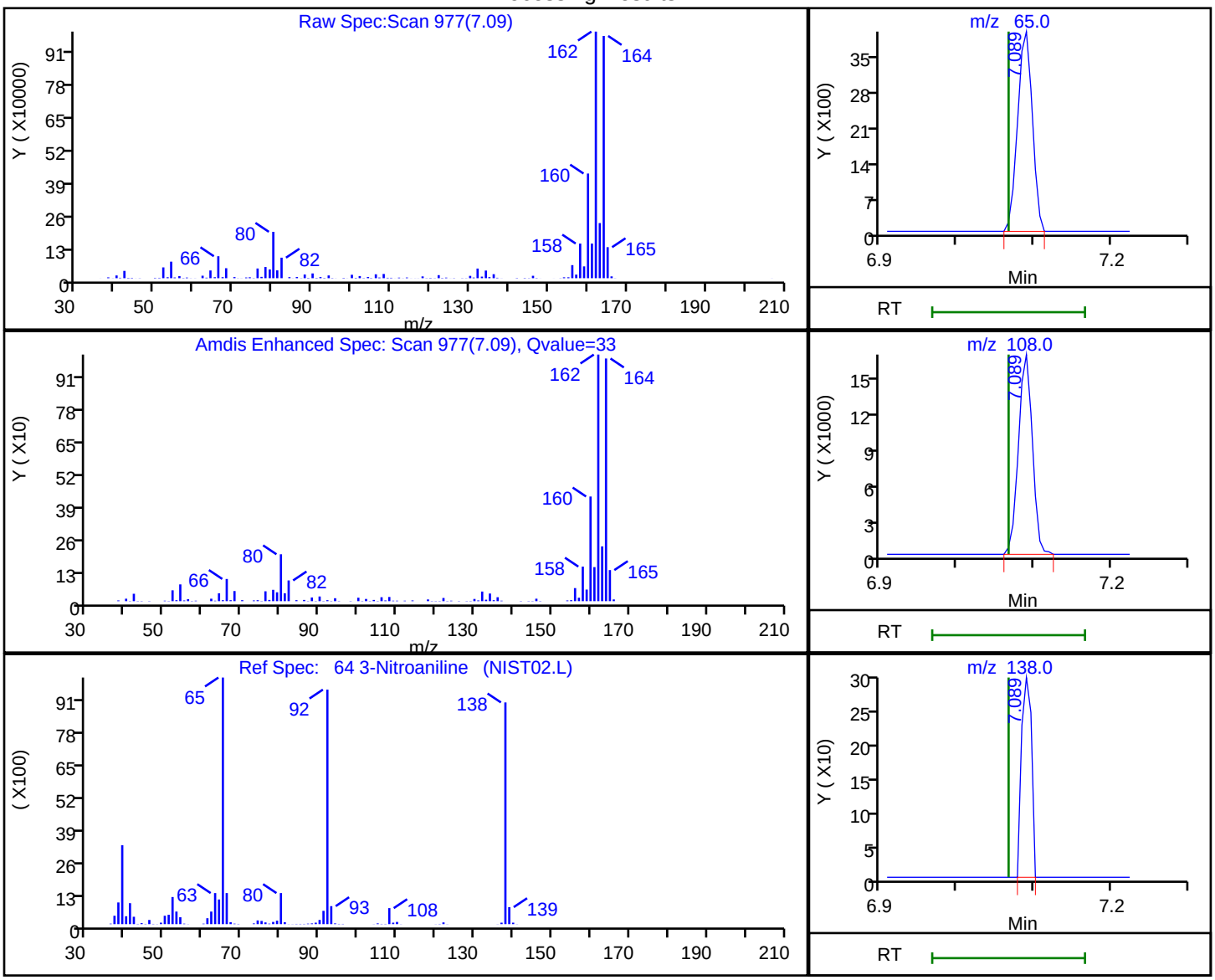
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	5250	0.319980
7.09	108.00	21348	
7.09	138.00	271	

Reviewer: hamziy, 29-Aug-2020 19:50:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

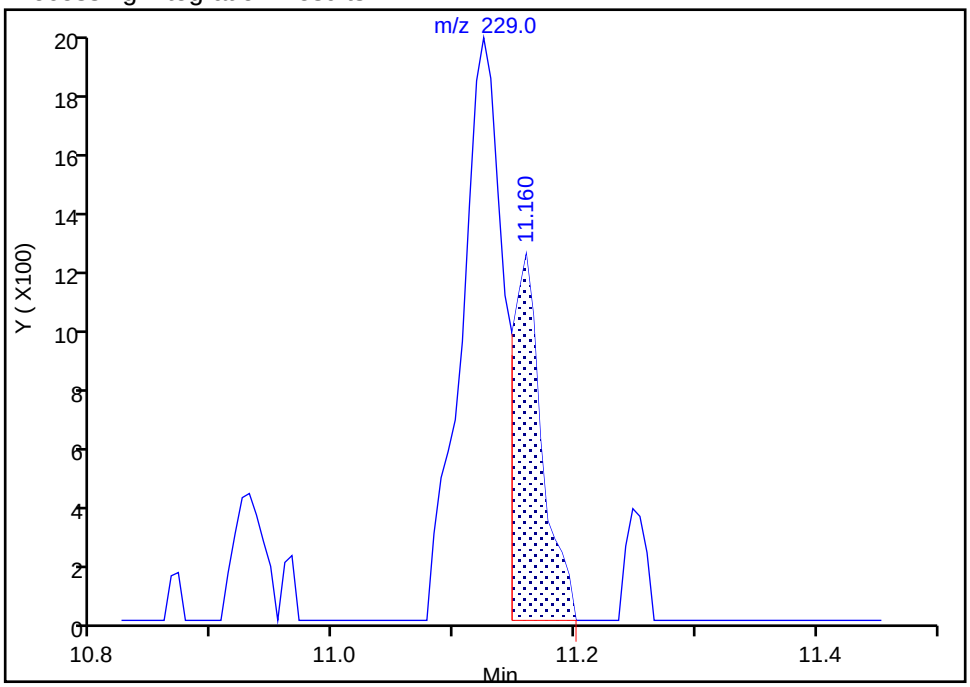
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Signal: 2

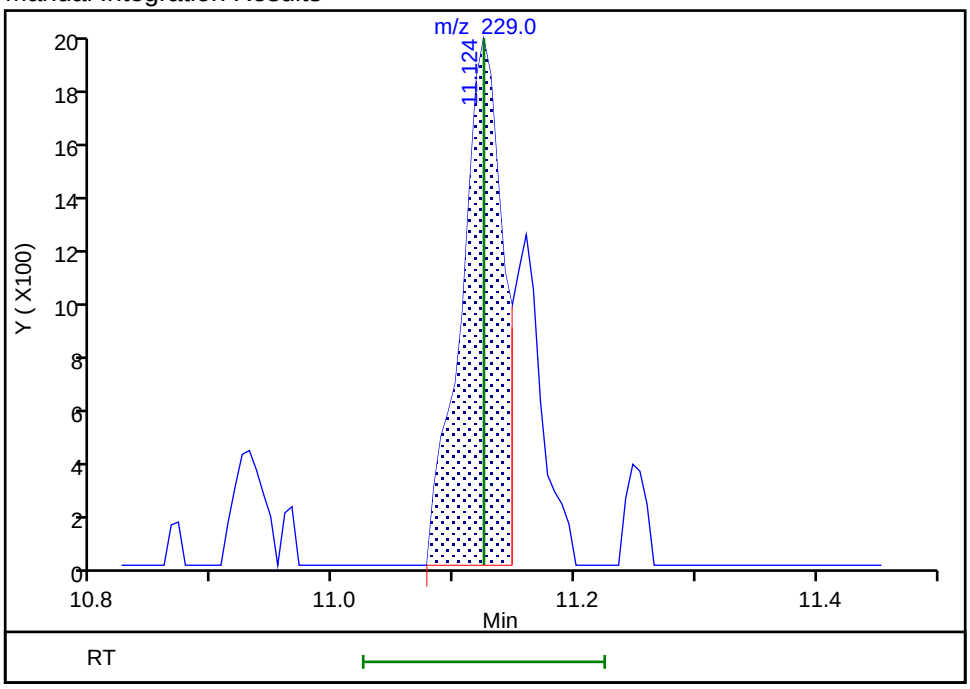
Processing Integration Results

RT: 11.16
Area: 2093
Amount: 0.151589
Amount Units: ug/ml



Manual Integration Results

RT: 11.12
Area: 4750
Amount: 0.217541
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:50:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

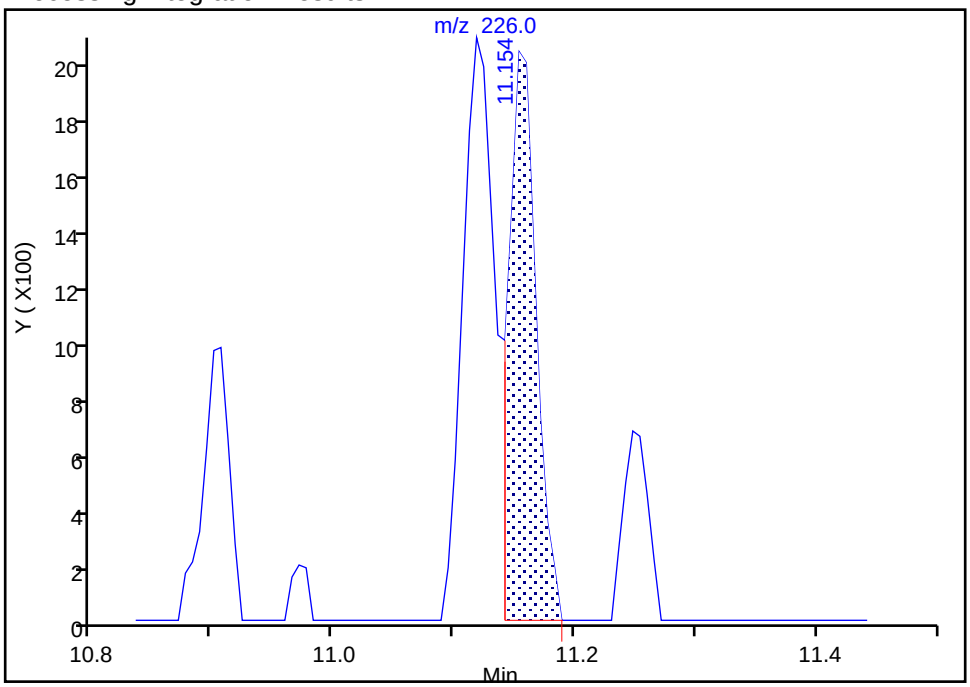
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Signal: 3

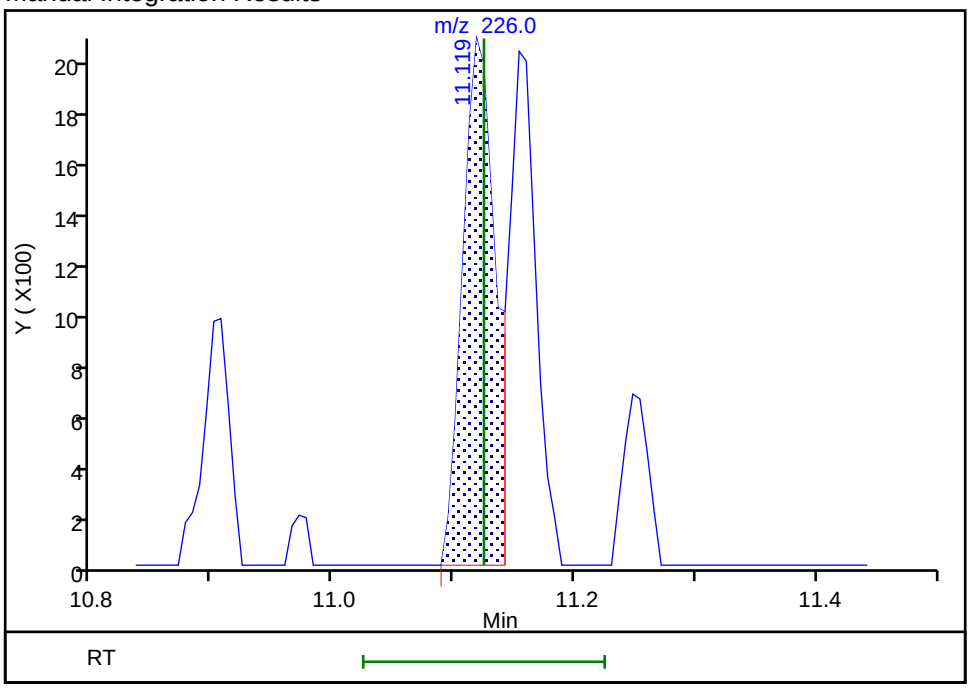
Processing Integration Results

RT: 11.15
Area: 3196
Amount: 0.151589
Amount Units: ug/ml



Manual Integration Results

RT: 11.12
Area: 3939
Amount: 0.217541
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:50:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

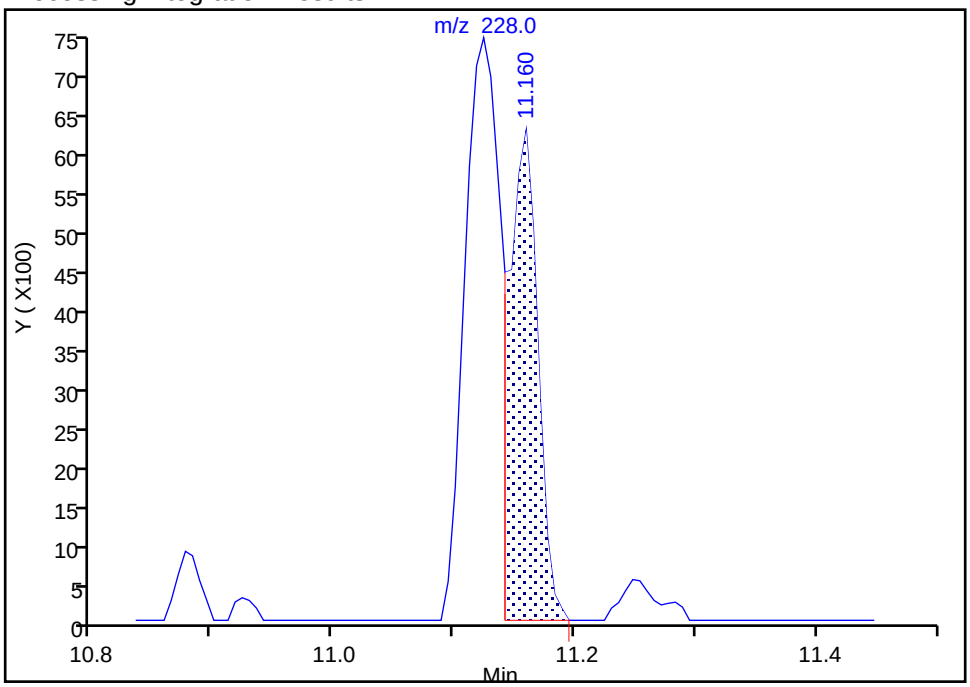
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

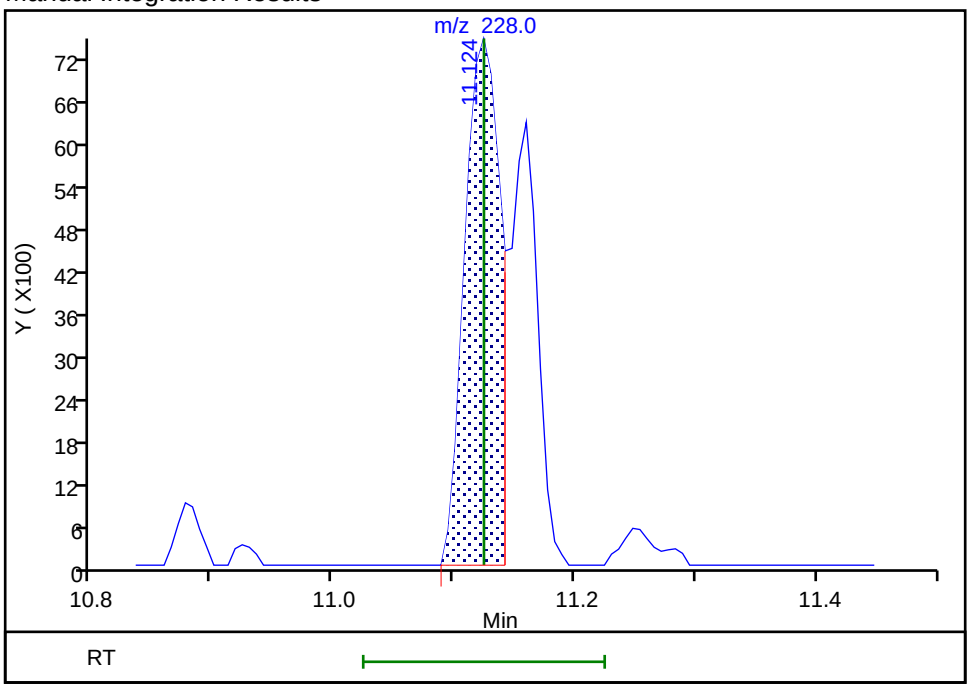
Processing Integration Results

RT: 11.16
Area: 10651
Amount: 0.151589
Amount Units: ug/ml



Manual Integration Results

RT: 11.12
Area: 15285
Amount: 0.217541
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:25:54

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

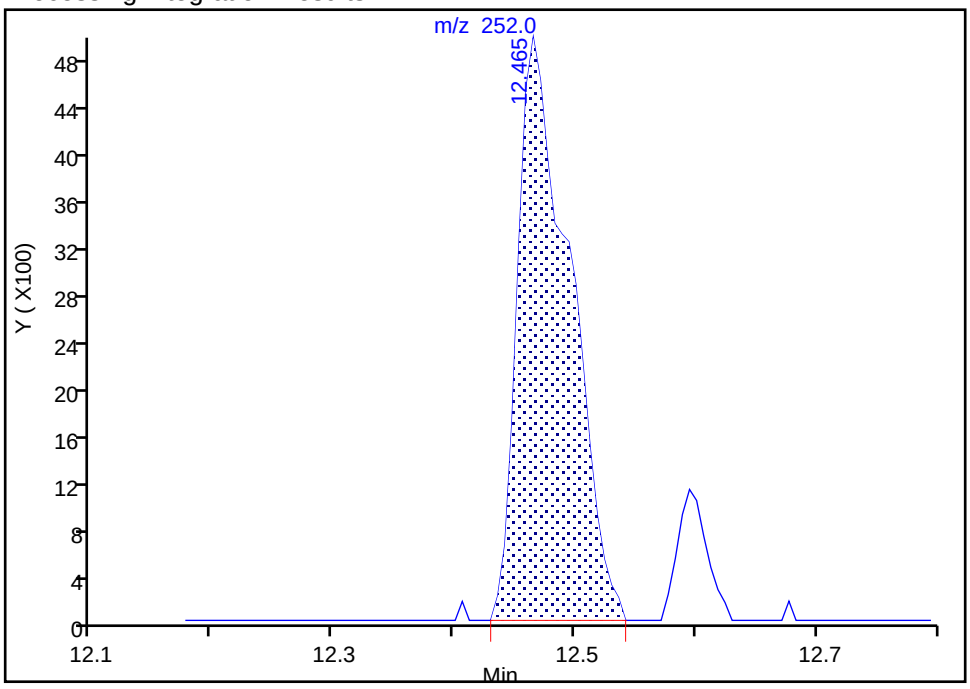
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

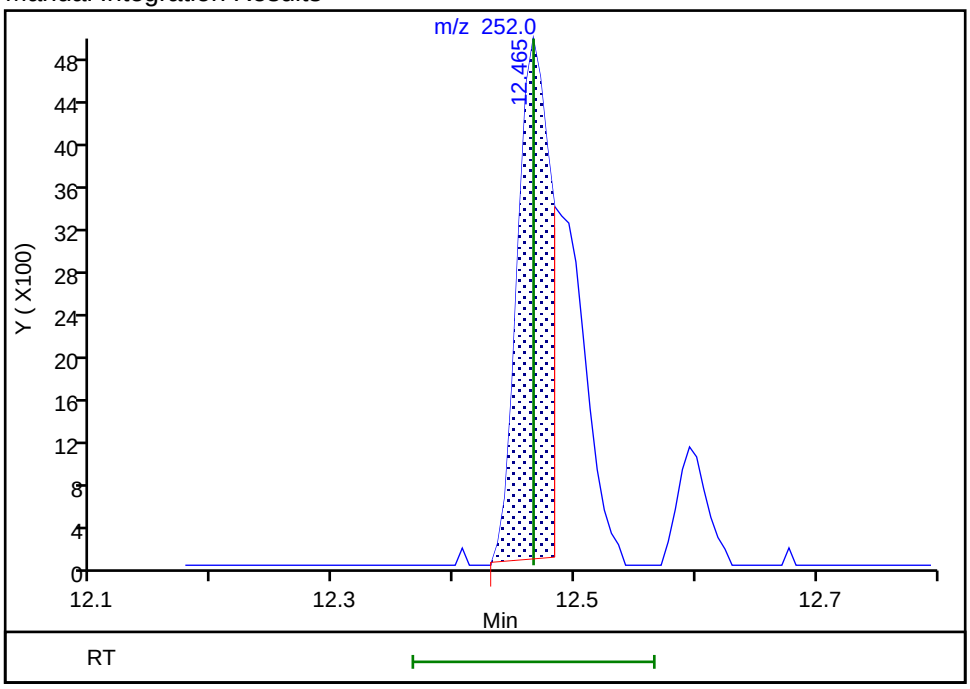
Processing Integration Results

RT: 12.47
Area: 14819
Amount: 0.289536
Amount Units: ug/ml



Manual Integration Results

RT: 12.47
Area: 9383
Amount: 0.183327
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:50:48

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

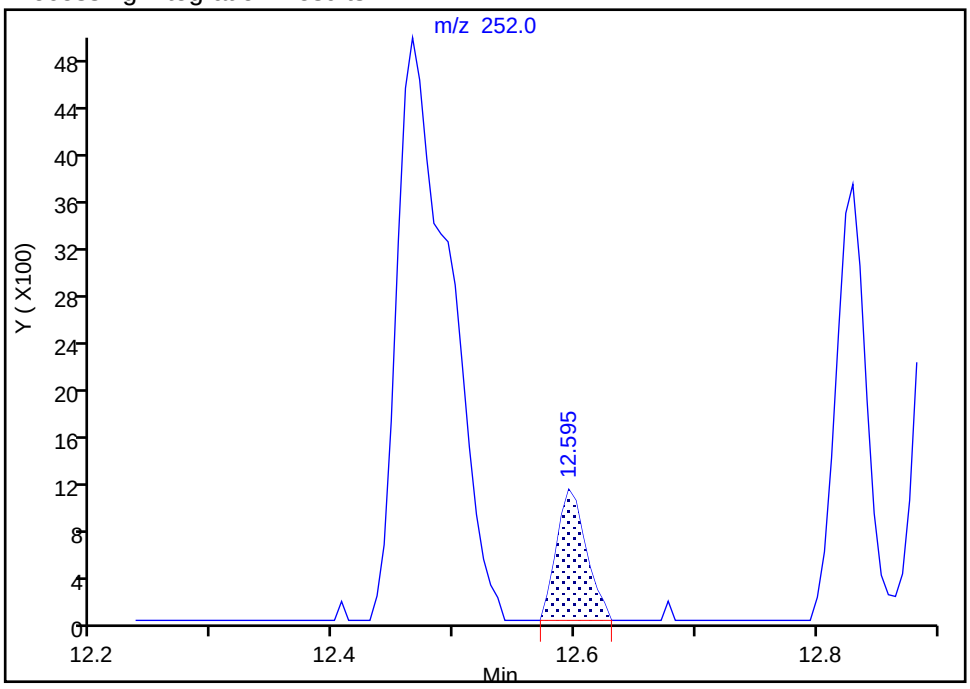
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d				
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

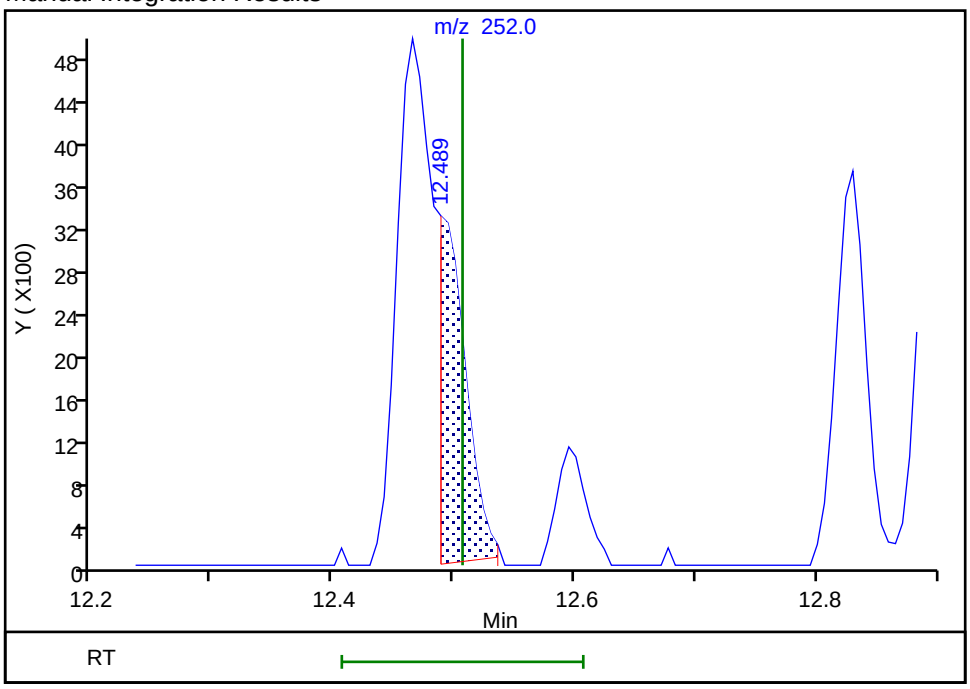
Processing Integration Results

RT: 12.59
Area: 1888
Amount: 0.037224
Amount Units: ug/ml



Manual Integration Results

RT: 12.49
Area: 5118
Amount: 0.100908
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:50:51

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

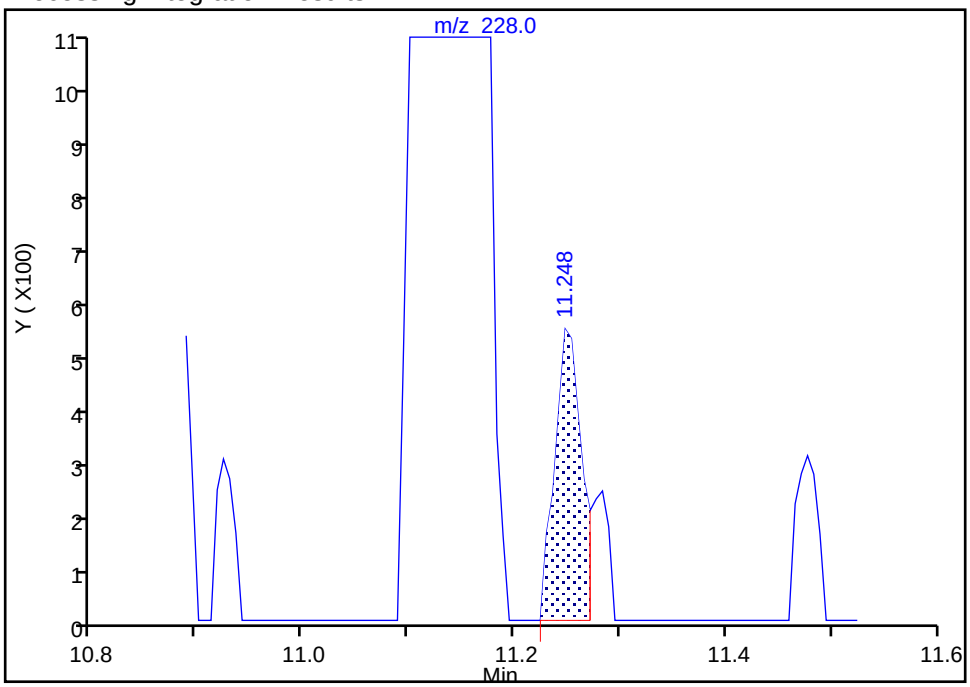
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d		
Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6
Client ID:	SB-07_0-2_20200827		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

103 Chrysene, CAS: 218-01-9

Signal: 1

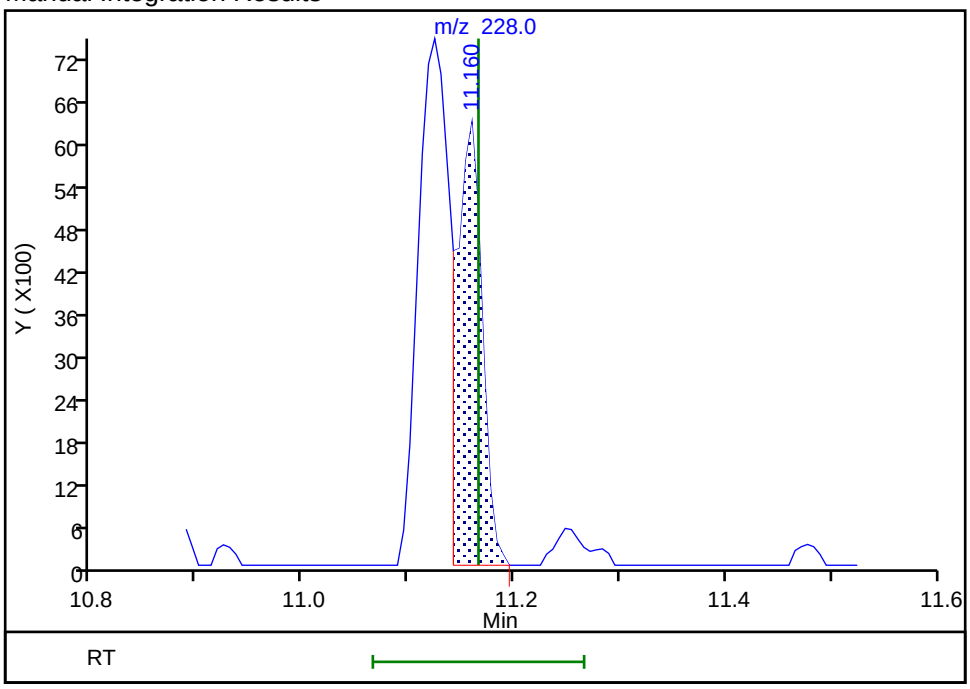
Processing Integration Results

RT: 11.25
Area: 921
Amount: 0.013577
Amount Units: ug/ml



Manual Integration Results

RT: 11.16
Area: 10651
Amount: 0.157008
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:25:58

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

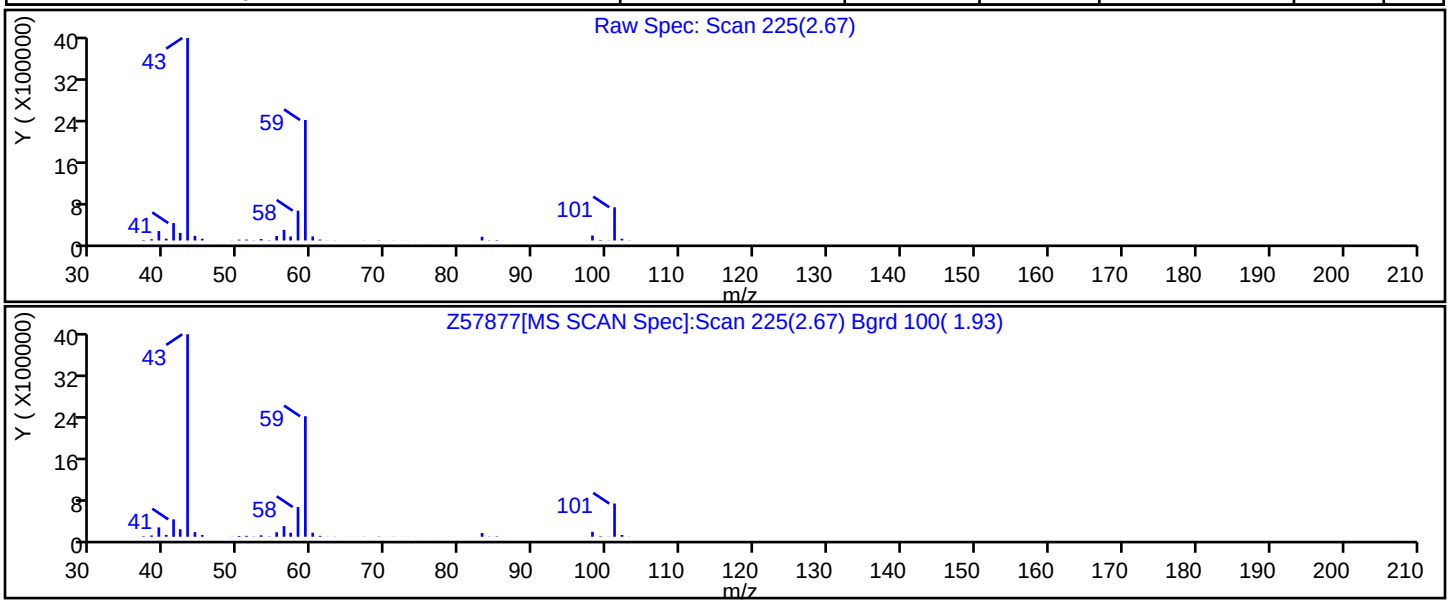
Report Date: 31-Aug-2020 11:26:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57877.d

Injection Date:	29-Aug-2020 05:09:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-6-A	Lab Sample ID:	460-217009-6		
Client ID:	SB-07_0-2_20200827				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: Z57878.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:05

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 0.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	0.033	0.0086
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.33	0.0057
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0092	U	0.10	0.0092
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.40		0.33	0.0093
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.038	U	0.33	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.027	J	0.33	0.0034
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0089	U	0.033	0.0089
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.031	J	0.33	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.045	J	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.052	J	0.33	0.0047
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: Z57878.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:05

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 0.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.076	U	0.33	0.076
84-74-2	Di-n-butyl phthalate	0.059	U	0.33	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.036	J	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0071	U	0.067	0.0071
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.096	U	0.13	0.096
91-20-3	Naphthalene	0.016	J	0.33	0.0058
98-95-3	Nitrobenzene	0.0080	U	0.033	0.0080
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.49		0.33	0.0064
85-01-8	Phenanthrene	0.40		0.33	0.0059
129-00-0	Pyrene	0.10	J	0.33	0.0083

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	62		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	59		19-105
1718-51-0	Terphenyl-d14 (Surr)	74		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: Z57878.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:05

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 0.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 20 TIC Result Total: 21.92

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.65	3.1	A J	
90-12-0	Naphthalene, 1-methyl-	6.18	0.85	J N	96%
1127-76-0	Naphthalene, 1-ethyl-	6.63	0.97	J N	94%
581-42-0	Naphthalene, 2,6-dimethyl-	6.70	0.81	J N	98%
575-43-9	Naphthalene, 1,6-dimethyl-	6.77	1.9	J N	98%
571-58-4	Naphthalene, 1,4-dimethyl-	6.87	0.91	J N	97%
2027-17-0	Naphthalene, 2-(1-methylethyl)-	7.20	1.0	J N	94%
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.40	0.98	J N	98%
2131-41-1	Naphthalene, 1,4,5-trimethyl-	7.48	0.70	J N	97%
	Unknown	7.64	1.4	J	
6975-98-0	Decane, 2-methyl-	8.01	1.7	J N	87%
7350-72-3	1,4-Methanonaphthalene,1,4-dihydro-9-((1-methylethylidene)-	8.17	0.68	J N	95%
2531-84-2	Phenanthrene, 2-methyl-	9.02	0.98	J N	96%
832-69-9	Phenanthrene, 1-methyl-	9.10	0.49	J N	90%
483-87-4	Phenanthrene, 1,7-dimethyl-	9.45	0.73	J N	93%
3674-66-6	Phenanthrene, 2,5-dimethyl-	9.53	1.5	J N	97%
3674-73-5	Phenanthrene, 2,3,5-trimethyl-	9.96	0.97	J N	93%
	Unknown	10.44	1.1	J	
	Unknown	11.63	0.48	J	
	Unknown	14.35	0.67	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d
Lims ID: 460-217009-B-7-A
Client ID: SB-07_6-8_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 05:32:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-014
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:27:53 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:52:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	98	573860	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	694373	29.5	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2192064	40.0	
39 Naphthalene	128	5.419	5.419	0.000	84	14013	0.2381	
44 2-Methylnaphthalene	142	6.090	6.083	0.000	83	226013	5.90	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	1431596	31.1	
63 Acenaphthylene	152	6.954	6.954	0.000	52	23412	0.3955	
* 65 Acenaphthene-d10	164	7.090	7.090	0.000	96	1230230	40.0	
71 Dibenzofuran	168	7.284	7.289	-0.006	81	42485	0.7732	
78 N-Nitrosodiphenylamine	169	7.737	7.736	0.000	91	232963	7.36	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	99	2214080	40.0	
88 Phenanthrene	178	8.531	8.531	0.000	97	395958	5.90	
92 Fluoranthene	202	9.672	9.666	0.006	98	38340	0.5345	
94 Pyrene	202	9.883	9.884	-0.001	98	96335	1.50	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1746657	36.9	
* 102 Chrysene-d12	240	11.136	11.136	0.000	99	1723156	40.0	
103 Chrysene	228	11.154	11.154	-0.012	93	40119	0.6760	a
104 Bis(2-ethylhexyl) phthalate	149	11.177	11.172	0.005	76	18300	0.4633	
106 Benzo[b]fluoranthene	252	12.460	12.466	-0.006	87	5445	0.1207	M
107 Benzo[k]fluoranthene	252	12.489	12.507	-0.018	43	1459	0.0326	M
* 109 Perylene-d12	264	12.989	12.983	0.006	99	1428624	40.0	

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d
Lims ID: 460-217009-B-7-A
Client ID: SB-07_6-8_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 05:32:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-014
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:27:53 Calib Date: 12-Aug-2020 19:02:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02SEMI.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:52:23

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.649	3955517	46.1	14	0	0		0	
	90-12-0	Naphthalene, 1-methyl-						
6.184	1565285	12.7	38	96	18499	C11H10	142	
	1127-76-0	Naphthalene, 1-ethyl-						
6.631	2879459	14.4	65	94	27158	C12H12	156	
	581-42-0	Naphthalene, 2,6-dimethyl-						
6.695	2425042	12.1	65	98	27167	C12H12	156	
	575-43-9	Naphthalene, 1,6-dimethyl-						
6.766	5578288	27.8	65	98	27195	C12H12	156	
	571-58-4	Naphthalene, 1,4-dimethyl-						
6.872	2708248	13.5	65	97	27193	C12H12	156	
	2027-17-0	Naphthalene, 2-(1-methylethyl)-						
7.195	3106981	15.5	65	94	36224	C13H14	170	
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
7.401	2935596	14.7	65	98	36214	C13H14	170	
	2131-41-1	Naphthalene, 1,4,5-trimethyl-						
7.484	2101774	10.5	65	97	36209	C13H14	170	
		Unknown						
7.642	4289380	21.4	65					
	6975-98-0	Decane, 2-methyl-						
8.007	5262465	25.6	87	87	27126	C11H24	156	
	7350-72-3	1,4-Methanonaphthalene,1,4-dihydro-9-((1-methylethylidene)-						
8.172	2079344	10.1	87	95	44210	C14H14	182	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	2531-84-2	Phenanthrene, 2-methyl-						
9.019	3005291	14.6	87	96	50627	C15H12	192	
	832-69-9	Phenanthrene, 1-methyl-						
9.095	1498728	7.29	87	90	50623	C15H12	192	
	483-87-4	Phenanthrene, 1,7-dimethyl-						
9.454	2244168	10.9	87	93	60356	C16H14	206	
	3674-66-6	Phenanthrene, 2,5-dimethyl-						
9.525	4443346	21.6	87	97	60352	C16H14	206	
	3674-73-5	Phenanthrene, 2,3,5-trimethyl-						
9.960	1745958	14.4	102	93	69664	C17H16	220	
		Unknown						
10.436	1943550	16.1	102					
		Unknown						
11.625	873085	7.22	102					
		Unknown						
14.354	947162	9.98	109					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3432831	40.0
* 38 Naphthalene-d8	5.395	4919824	40.0
* 65 Acenaphthene-d10	7.090	8013901	40.0
* 87 Phenanthrene-d10	8.507	8218402	40.0
* 102 Chrysene-d12	11.136	4836178	40.0
* 109 Perylene-d12	12.989	3796242	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

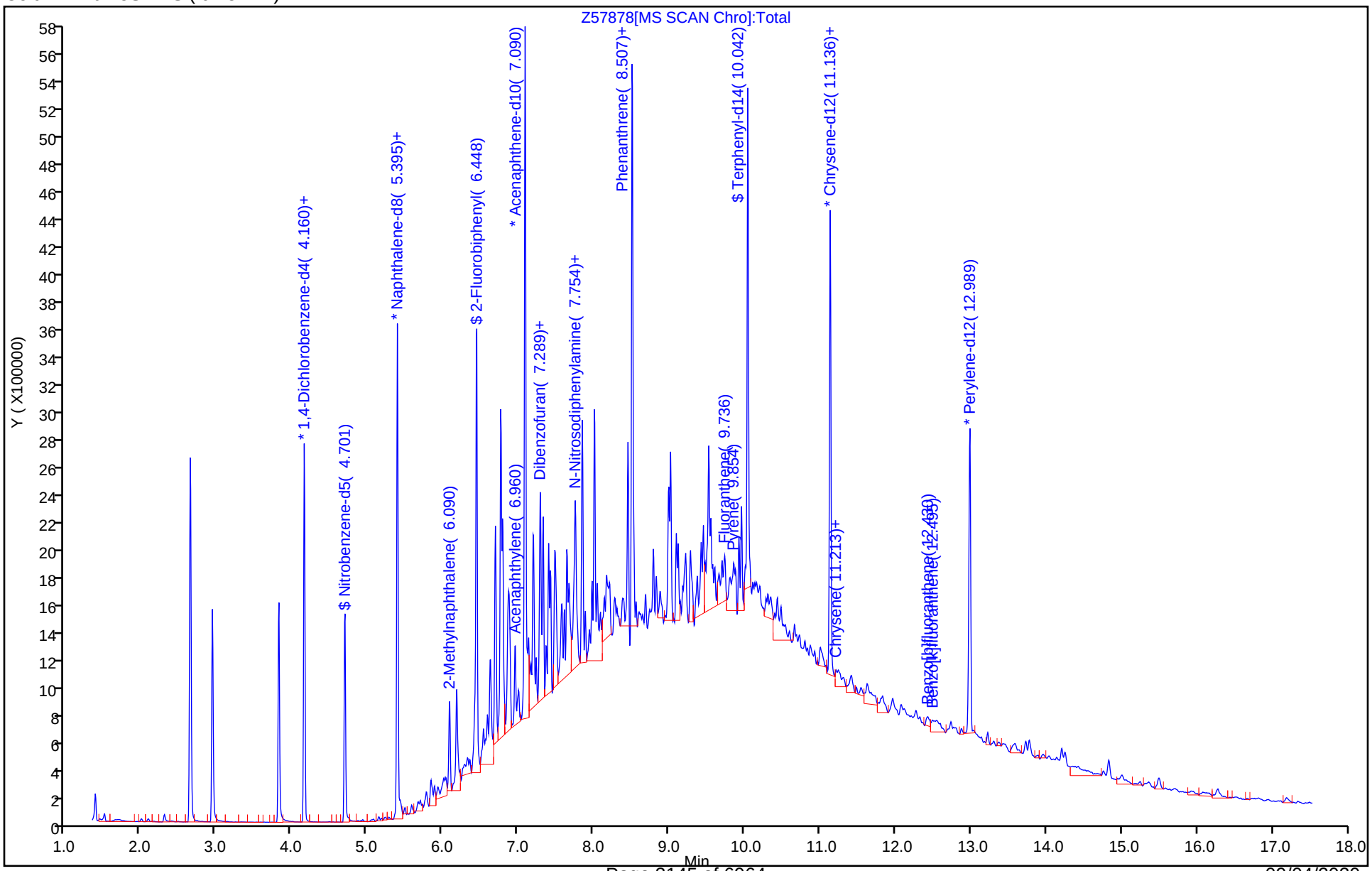
Report Date: 31-Aug-2020 11:27:53 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7	Worklist Smp#:	14
Client ID:	SB-07_6-8_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

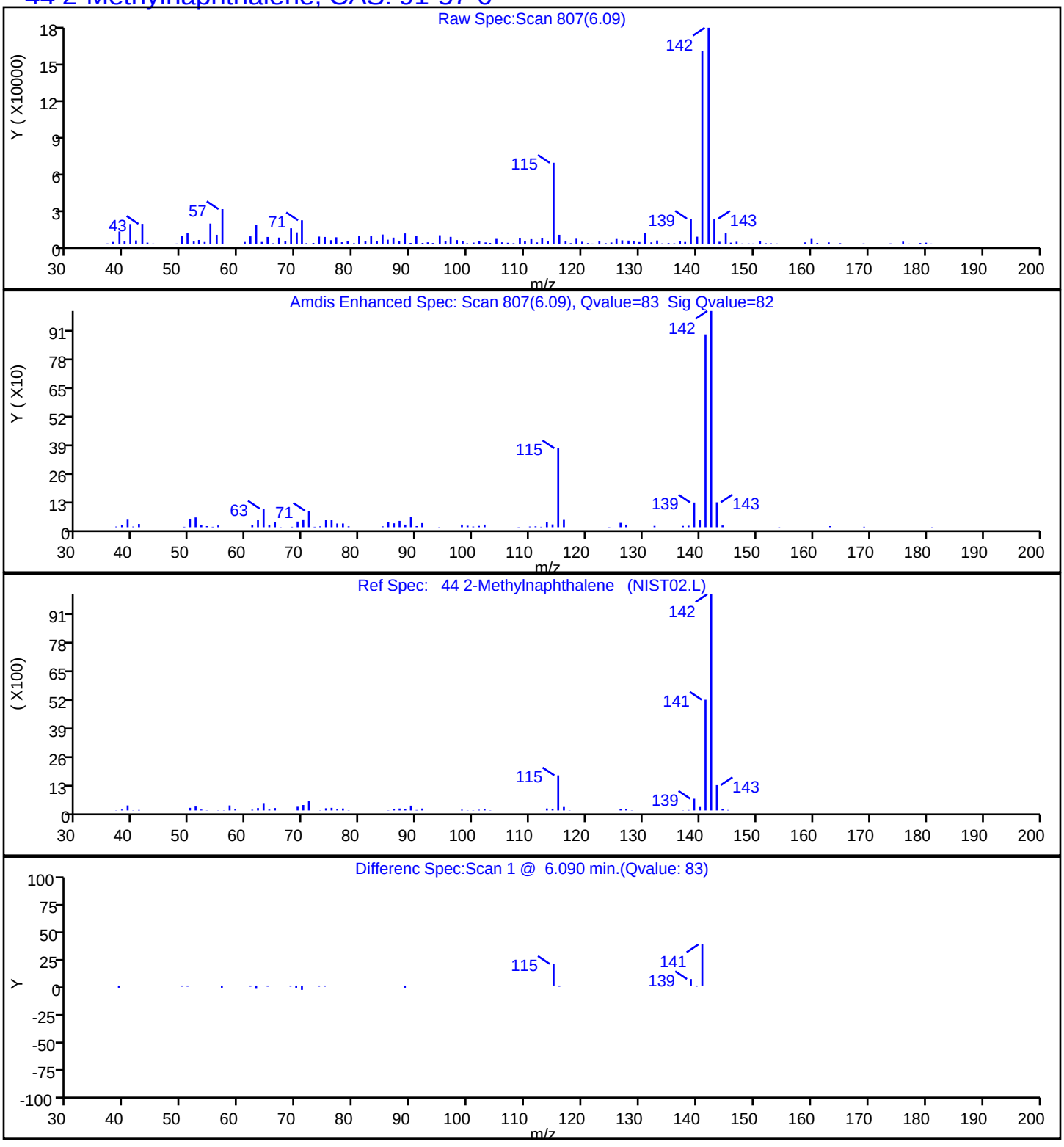
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

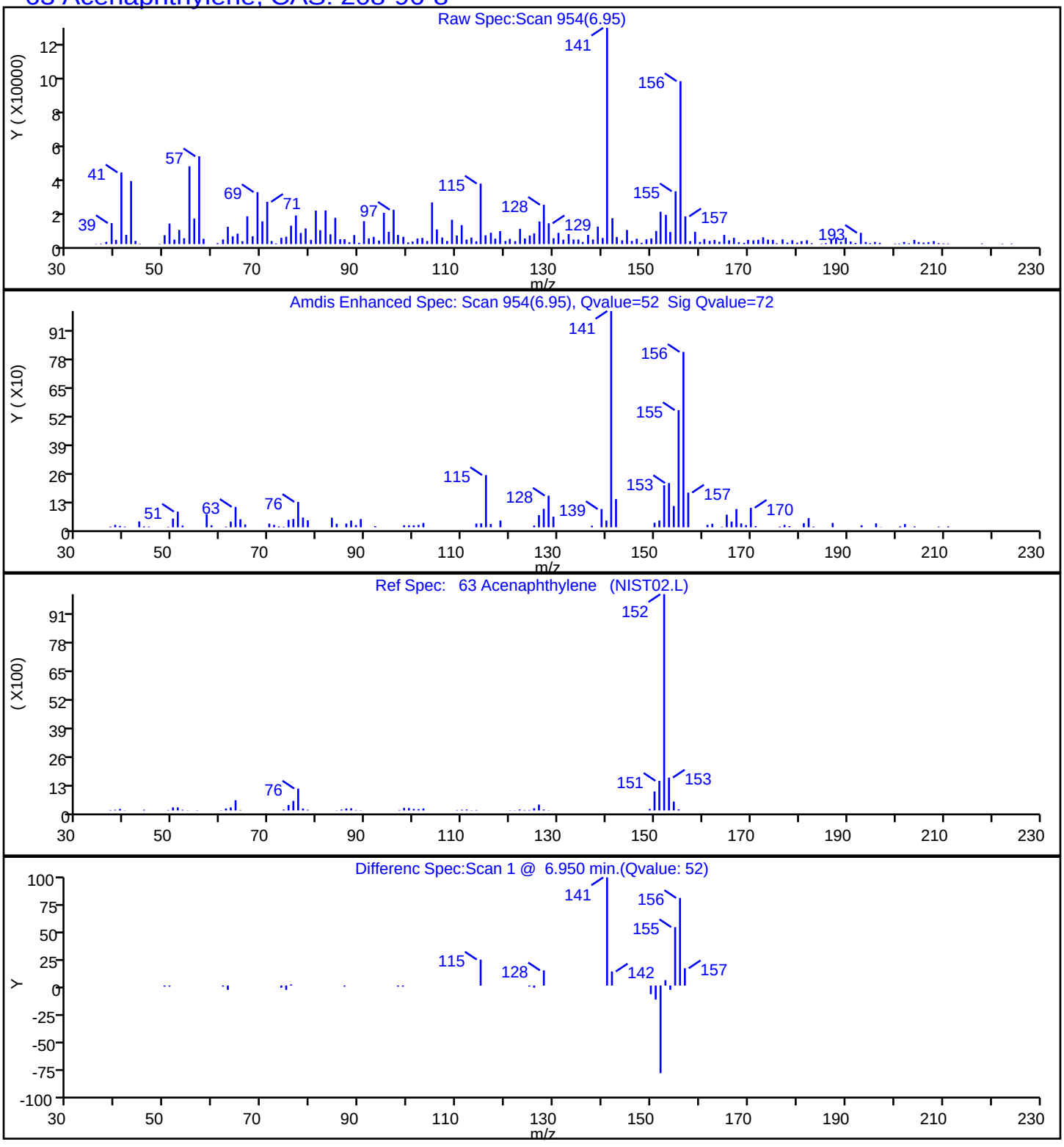
44 2-Methylnaphthalene, CAS: 91-57-6



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

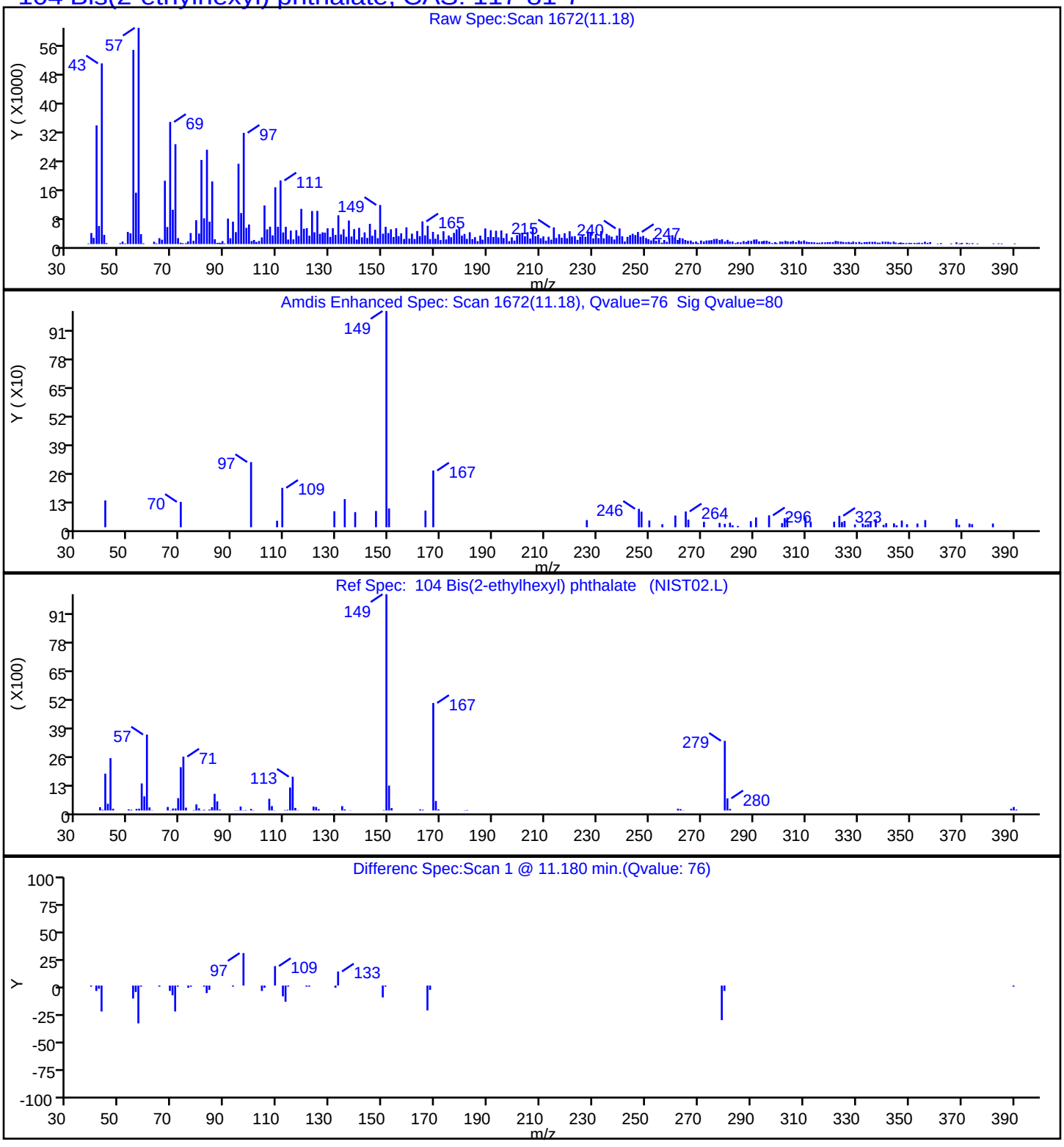
63 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

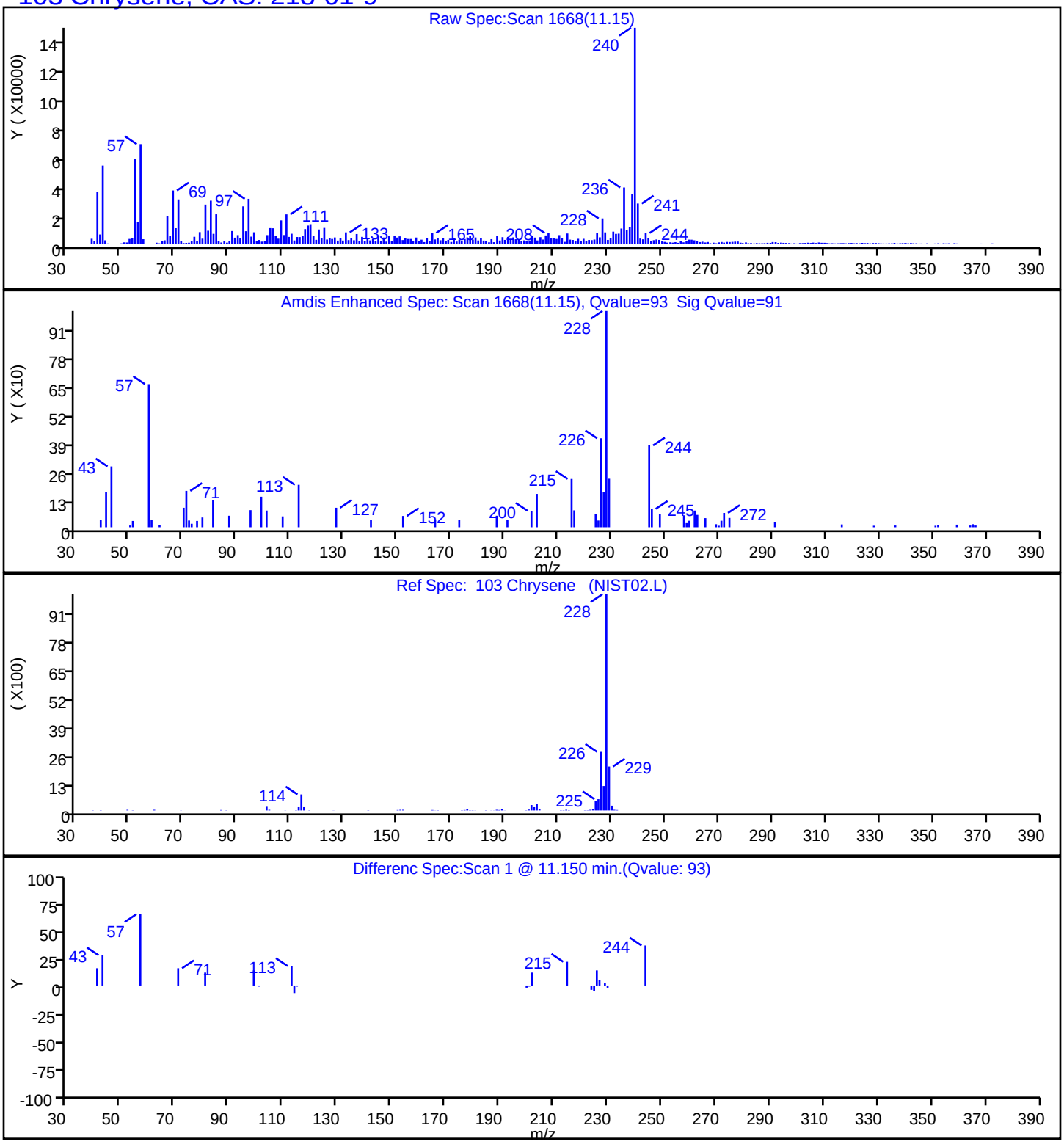
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

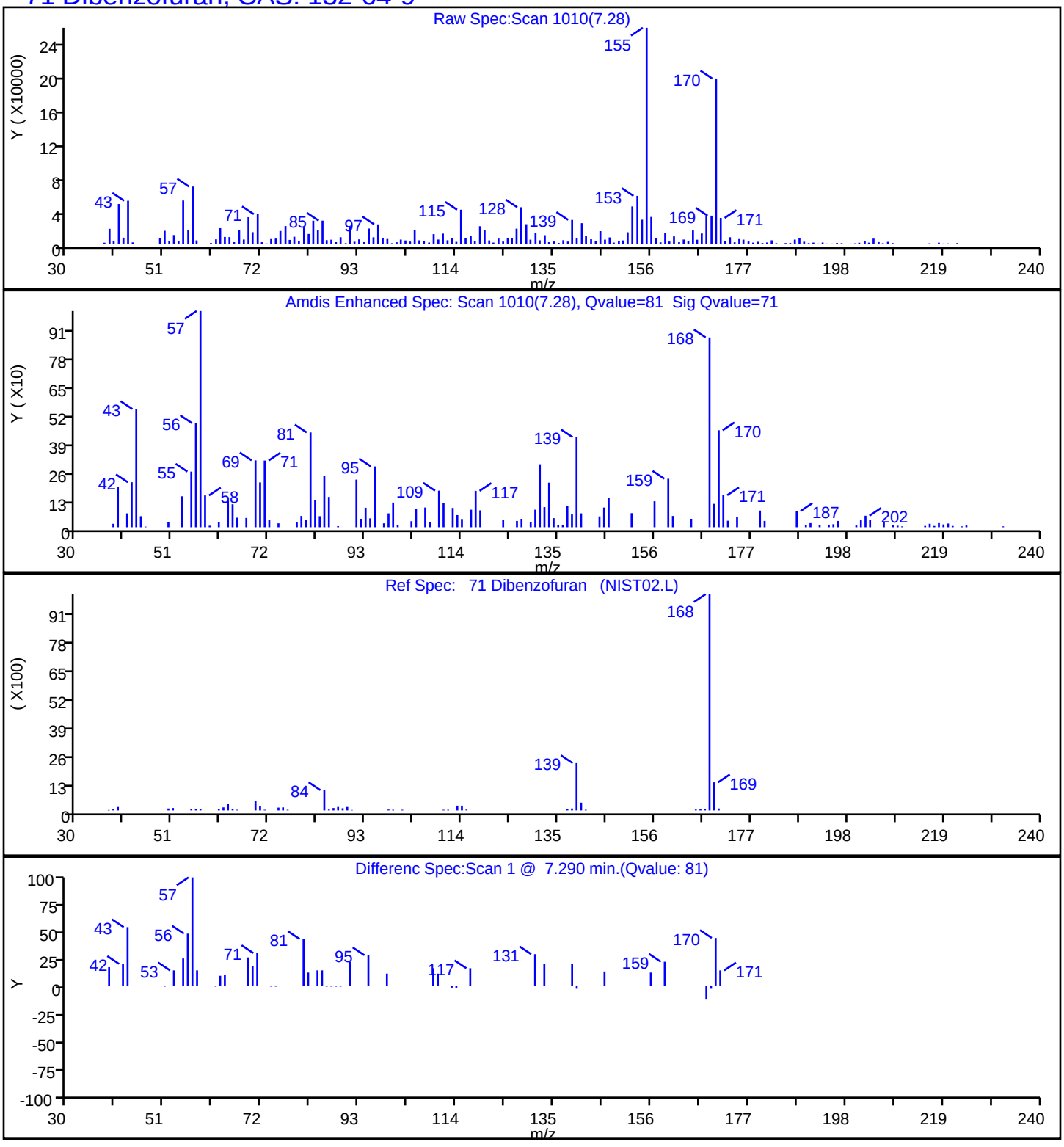
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

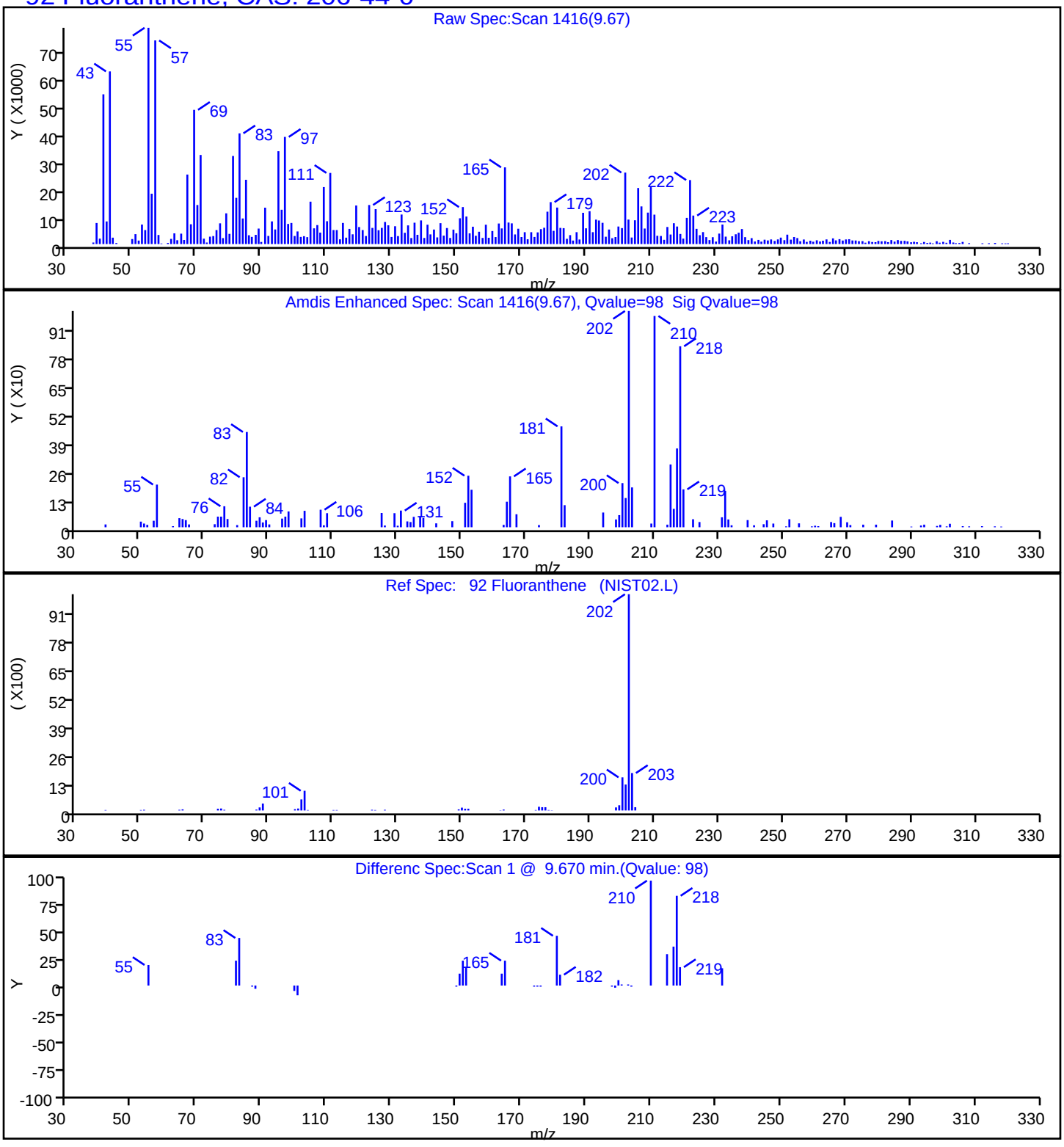
71 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
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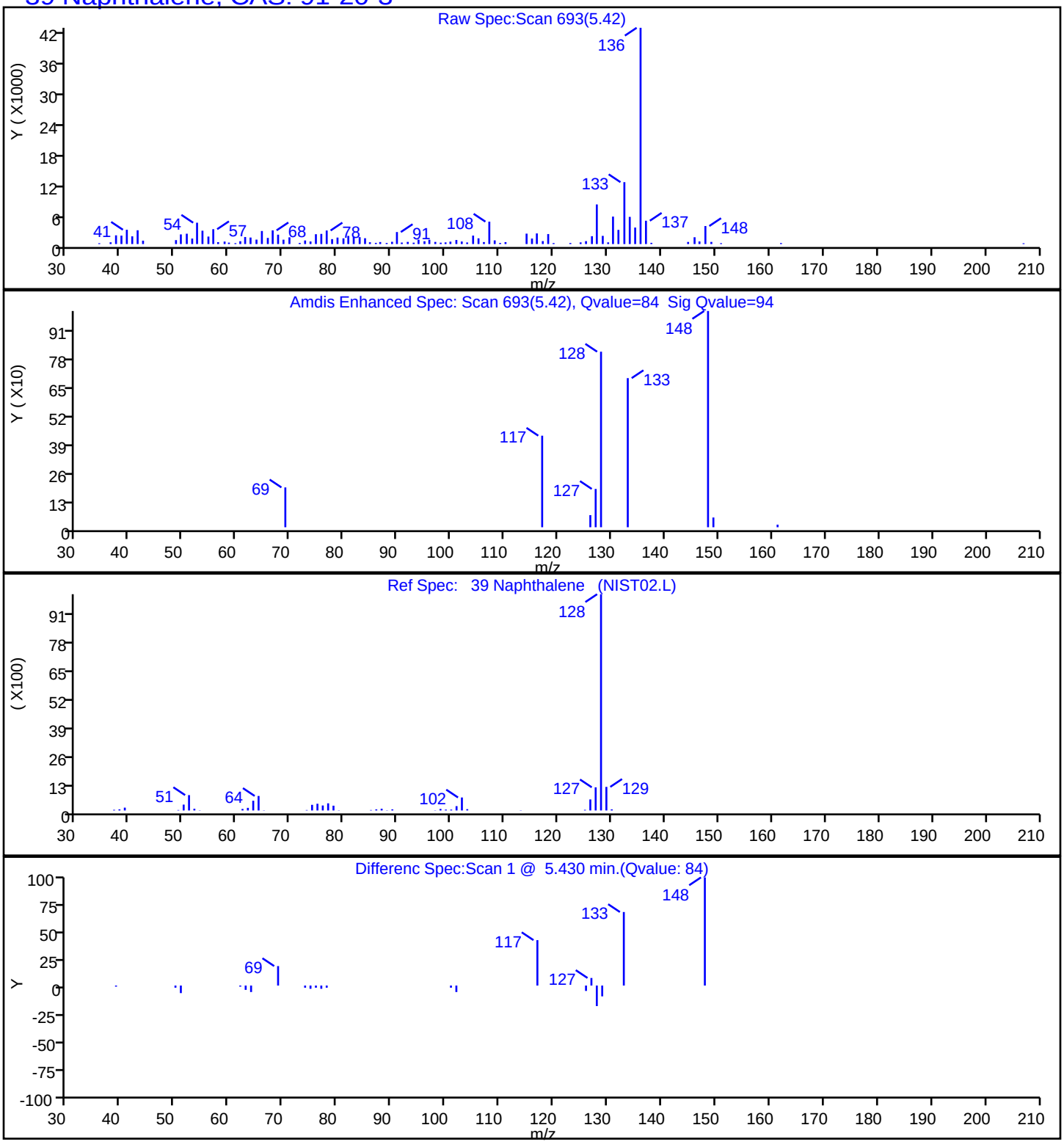
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

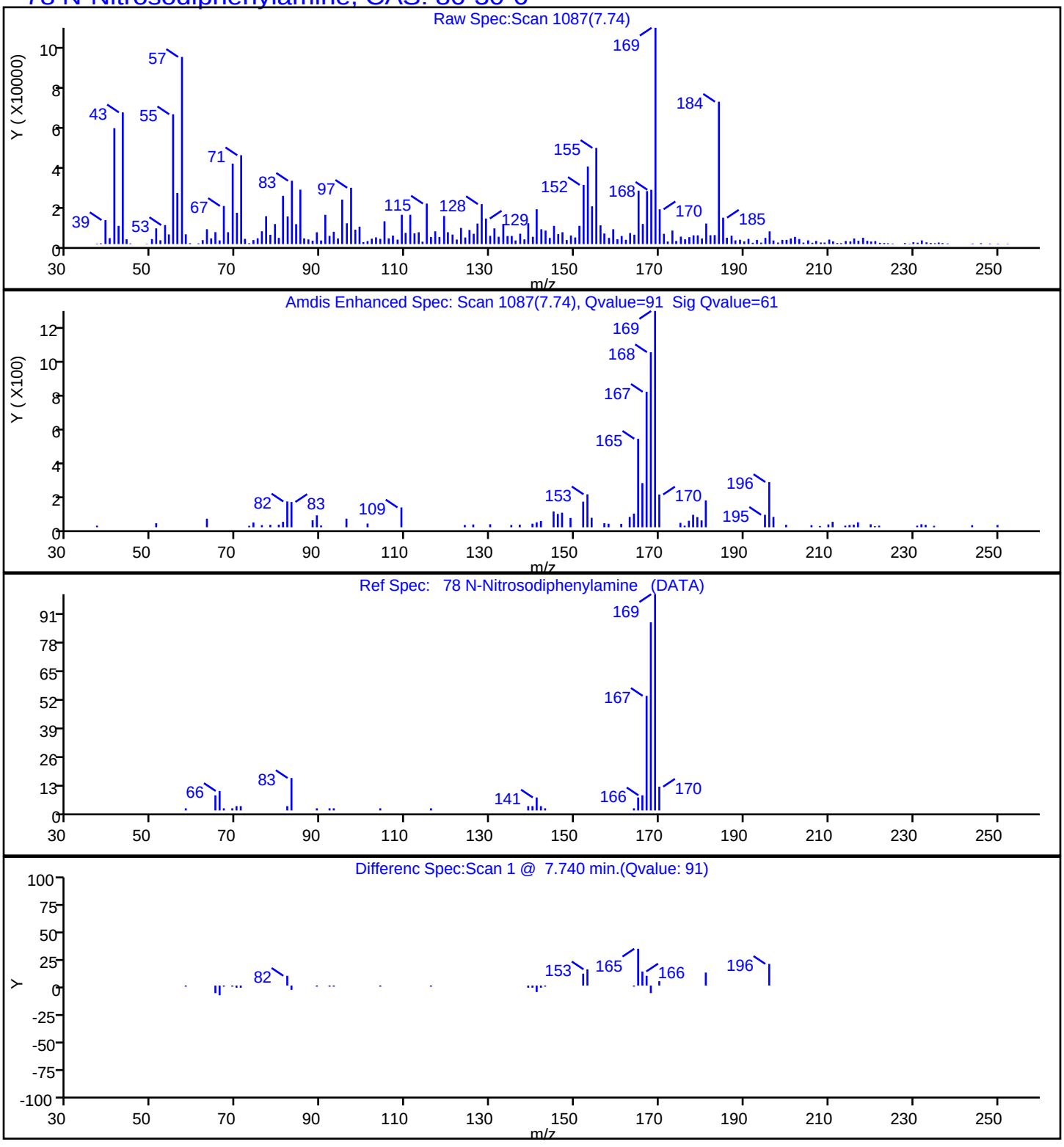
39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

78 N-Nitrosodiphenylamine, CAS: 86-30-6



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
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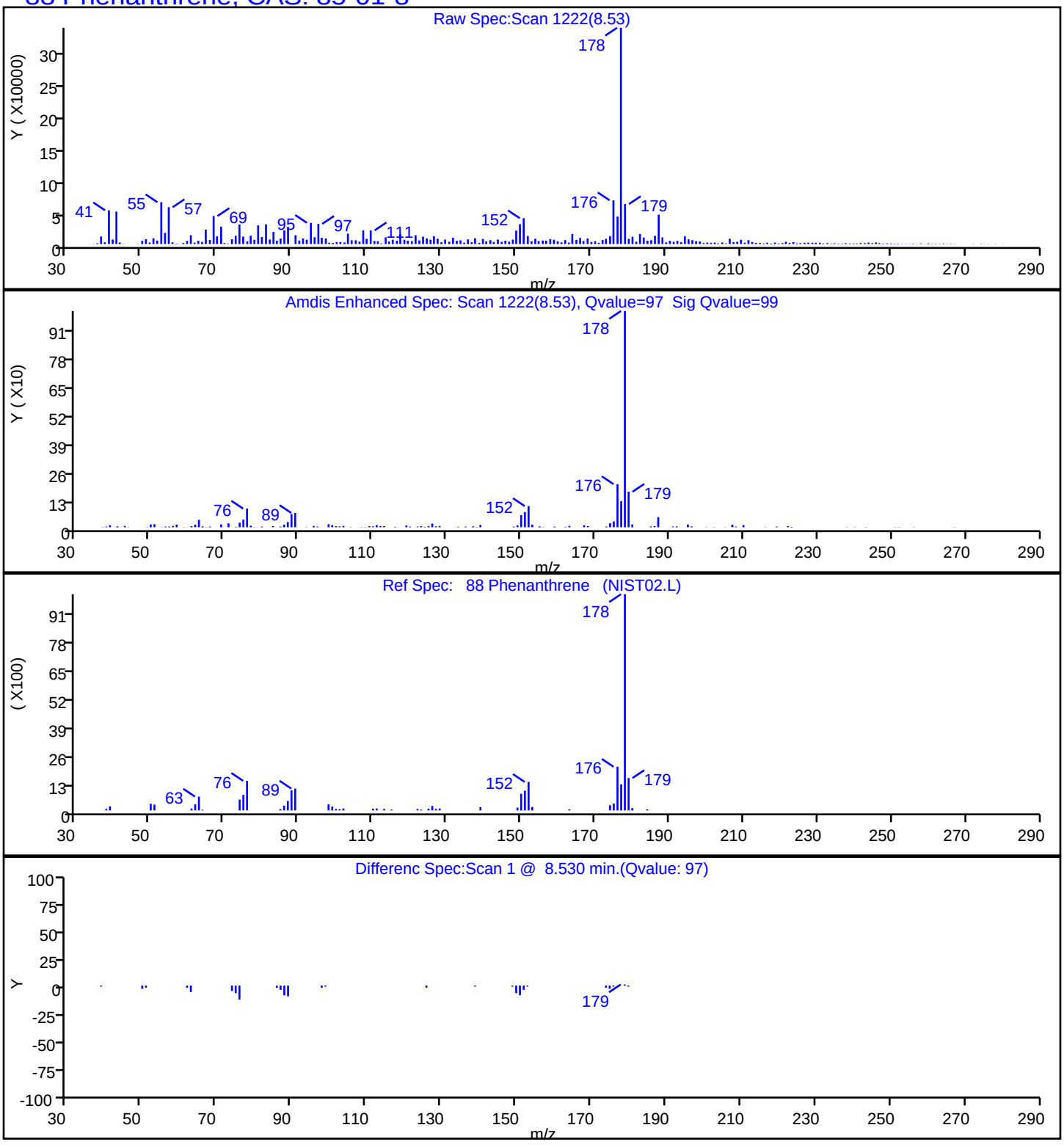
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

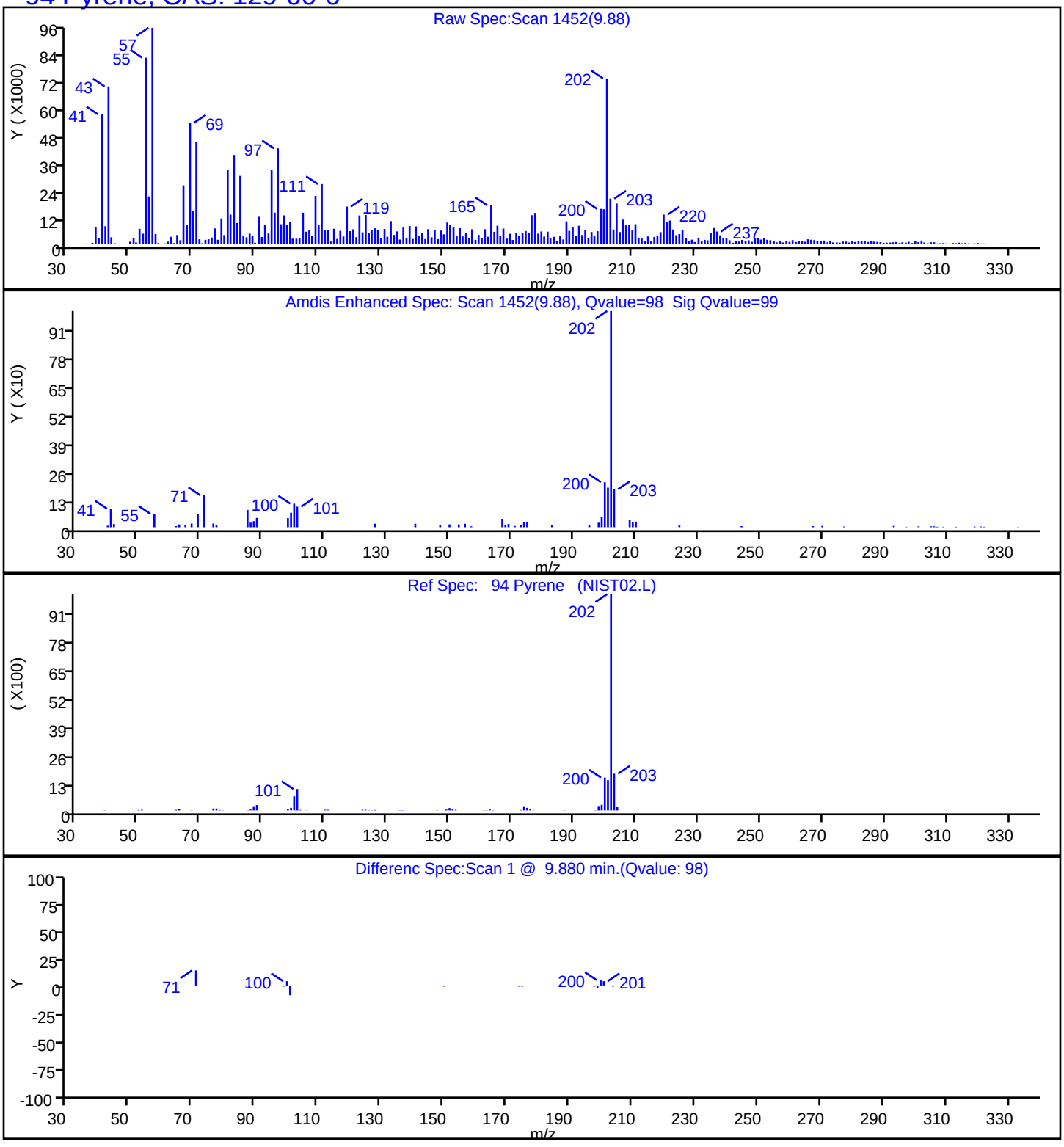
88 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

94 Pyrene, CAS: 129-00-0



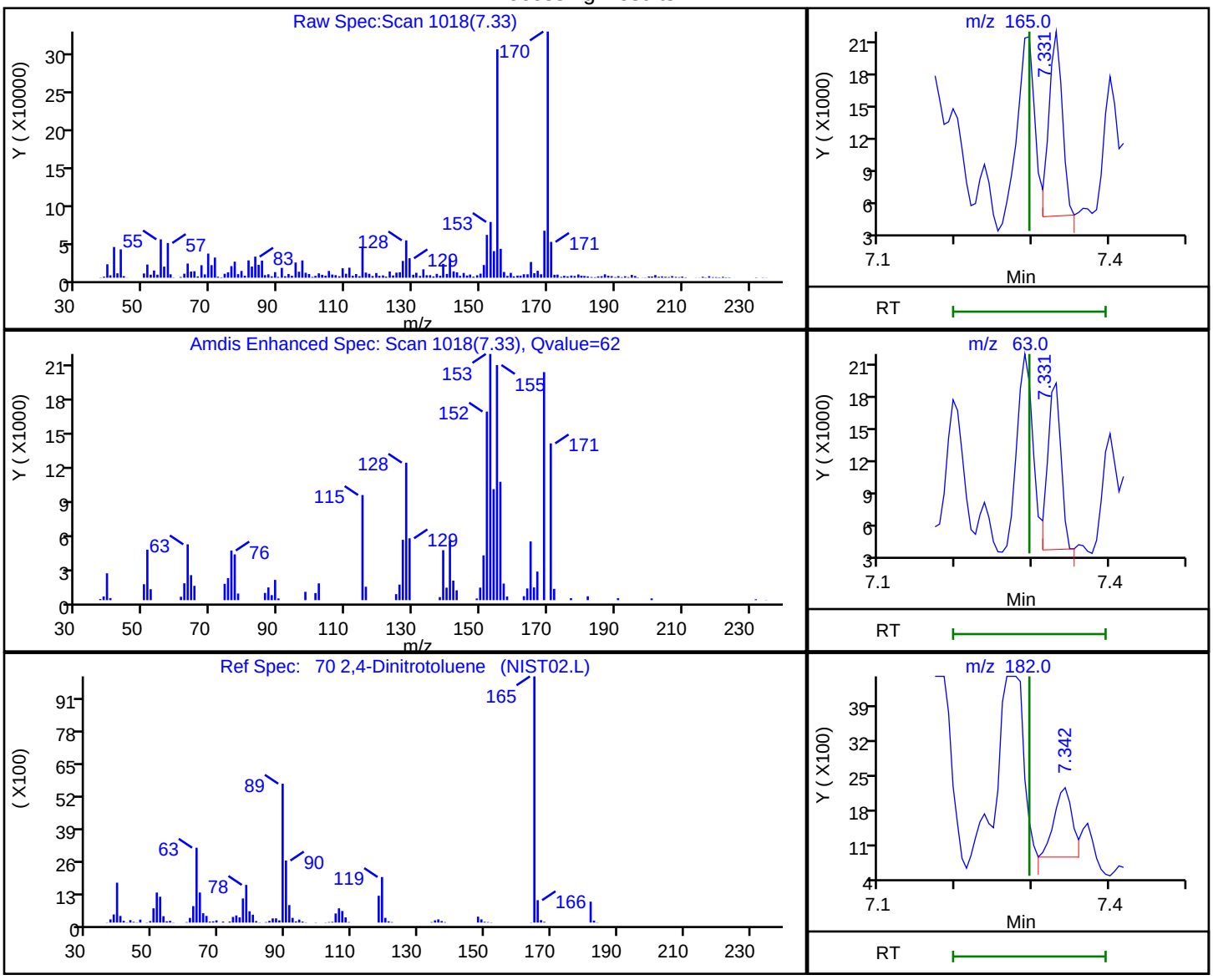
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 2,4-Dinitrotoluene, CAS: 121-14-2

Processing Results



RT	Mass	Response	Amount
7.33	165.00	19647	1.497910
7.33	63.00	18597	
7.34	182.00	2304	

Reviewer: hamziy, 29-Aug-2020 19:51:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

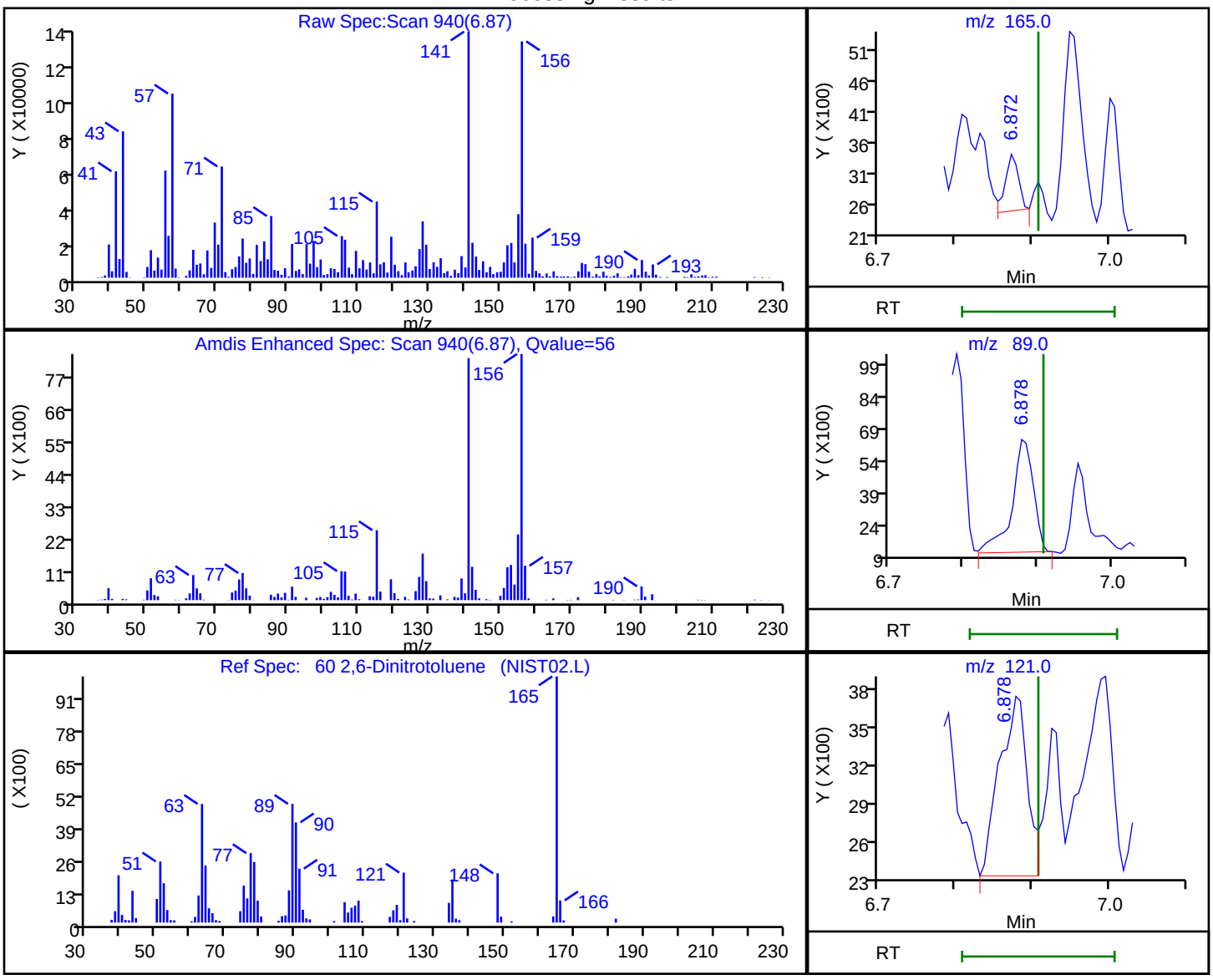
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

60 2,6-Dinitrotoluene, CAS: 606-20-2

Processing Results



RT	Mass	Response	Amount
6.87	165.00	1091	0.110758
6.88	89.00	10693	
6.88	121.00	3437	

Reviewer: hamziy, 29-Aug-2020 19:51:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

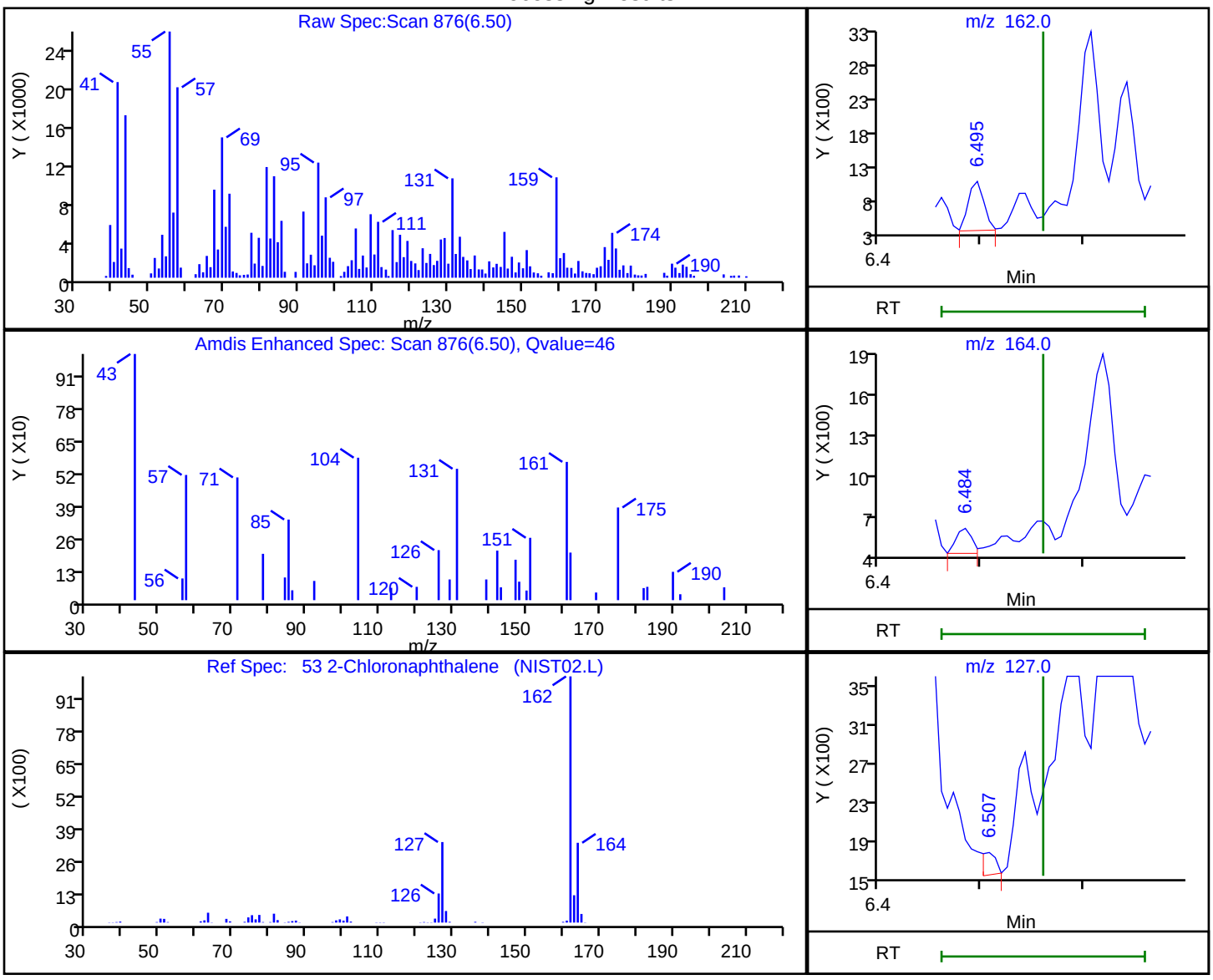
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

53 2-Chloronaphthalene, CAS: 91-58-7

Processing Results



RT	Mass	Response	Amount
6.50	162.00	772	0.019595
6.48	164.00	201	
6.51	127.00	215	

Reviewer: khlungprakhons, 31-Aug-2020 11:26:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

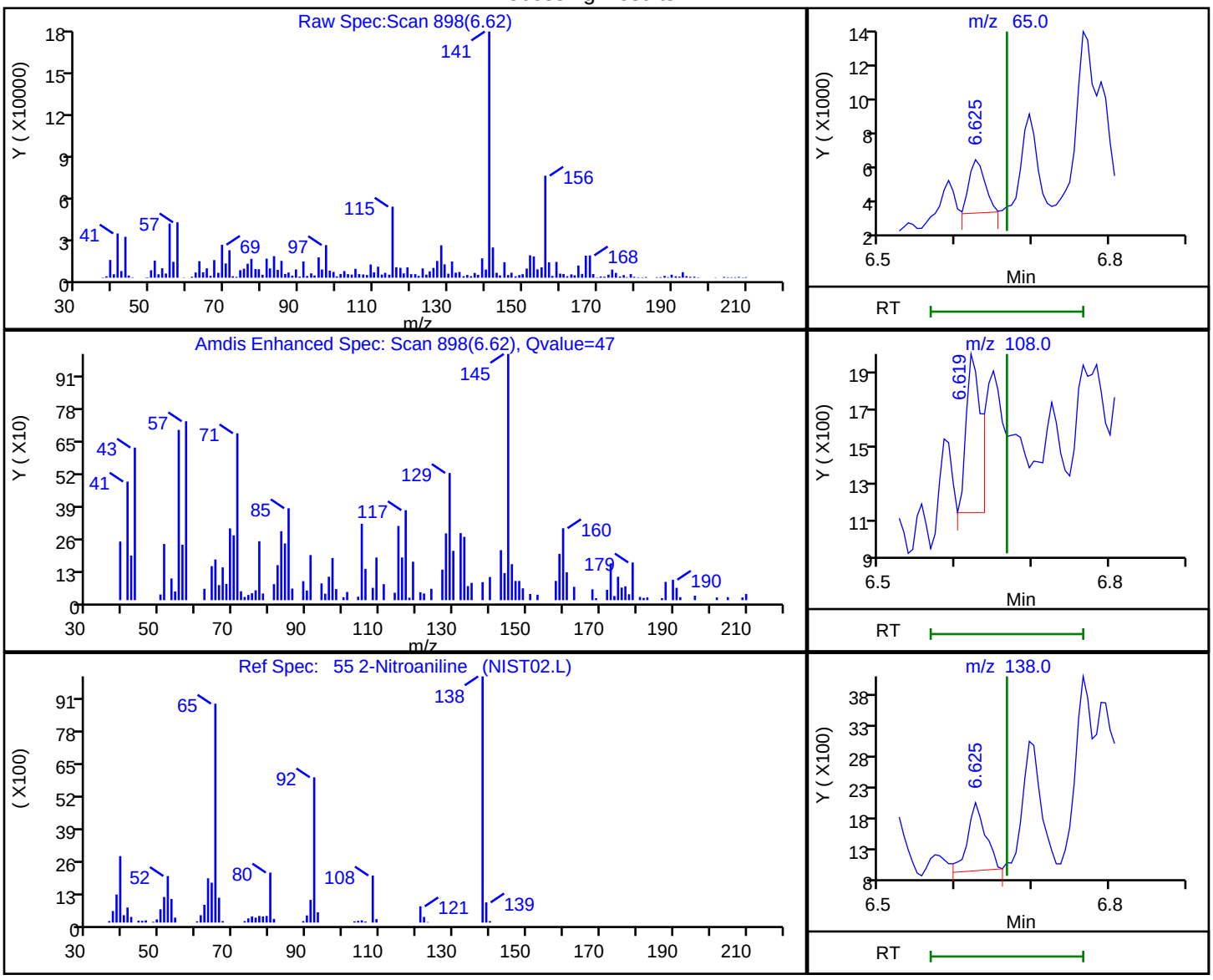
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

55 2-Nitroaniline, CAS: 88-74-4

Processing Results



RT	Mass	Response	Amount
6.62	65.00	4334	0.259538
6.62	108.00	1182	
6.62	138.00	1800	

Reviewer: hamziy, 29-Aug-2020 19:51:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

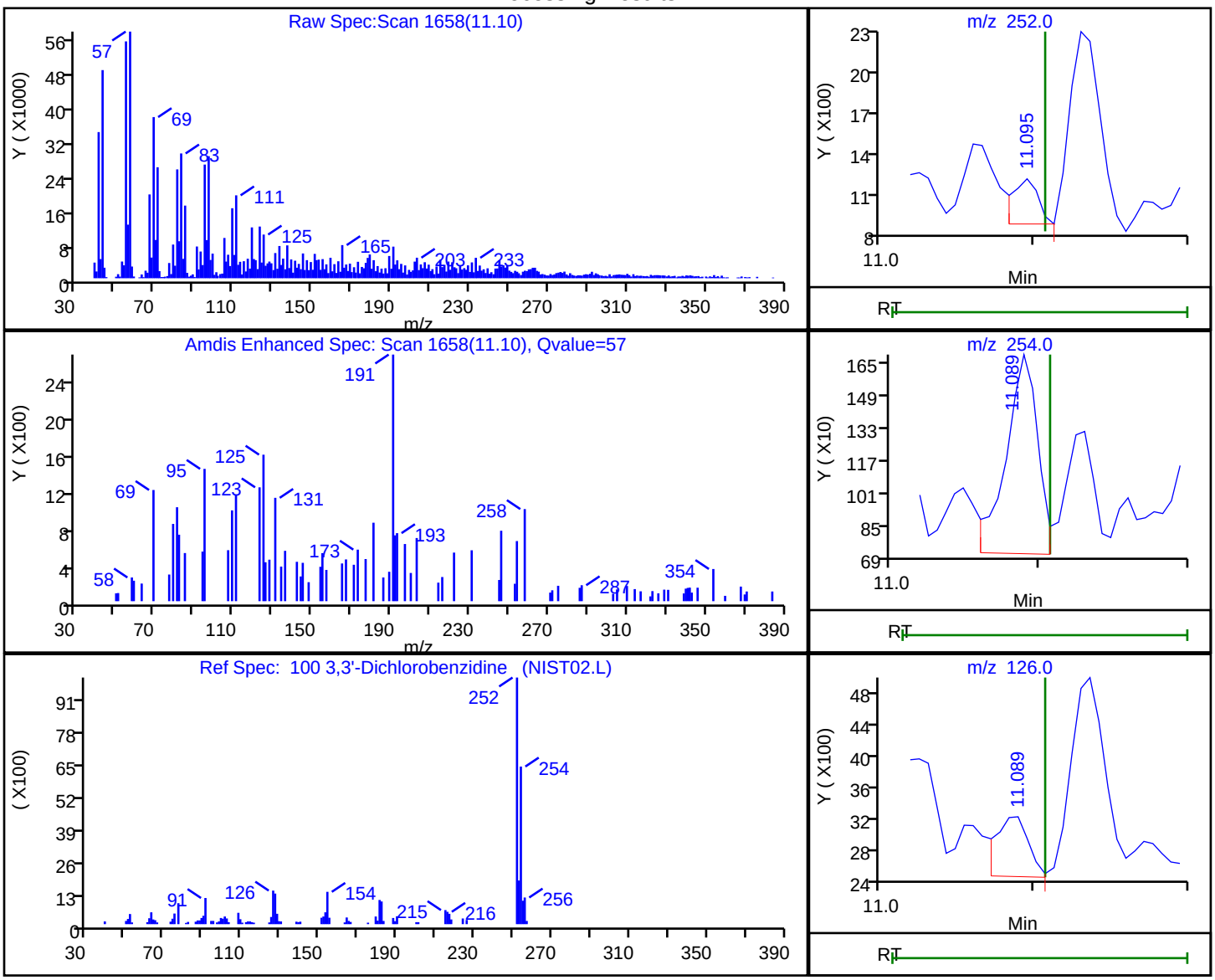
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results



RT	Mass	Response	Amount
11.10	252.00	384	0.017235
11.09	254.00	1491	
11.09	126.00	1120	

Reviewer: hamziy, 29-Aug-2020 19:51:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

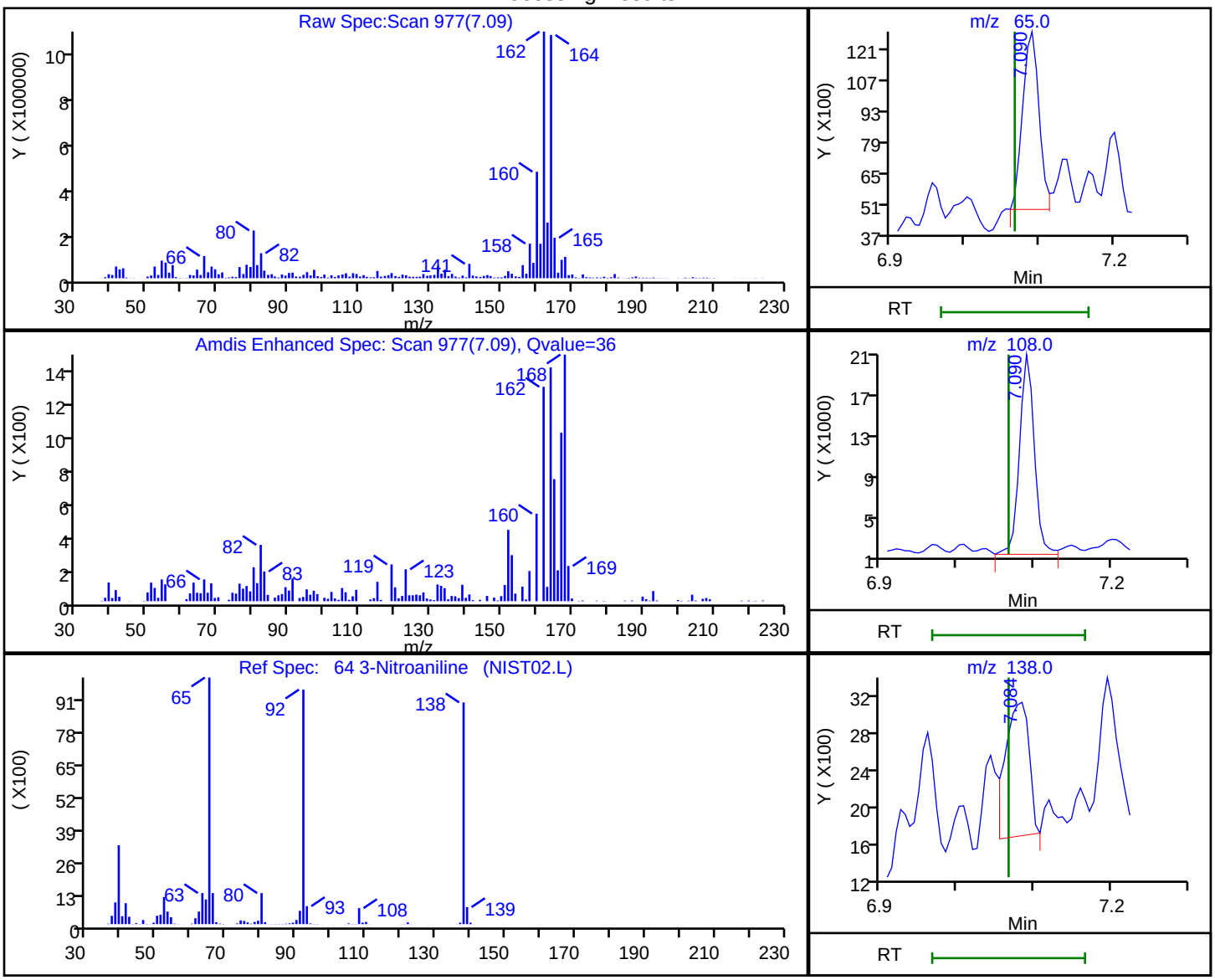
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	12447	0.748725
7.09	108.00	25443	
7.08	138.00	3083	

Reviewer: hamziy, 29-Aug-2020 19:51:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

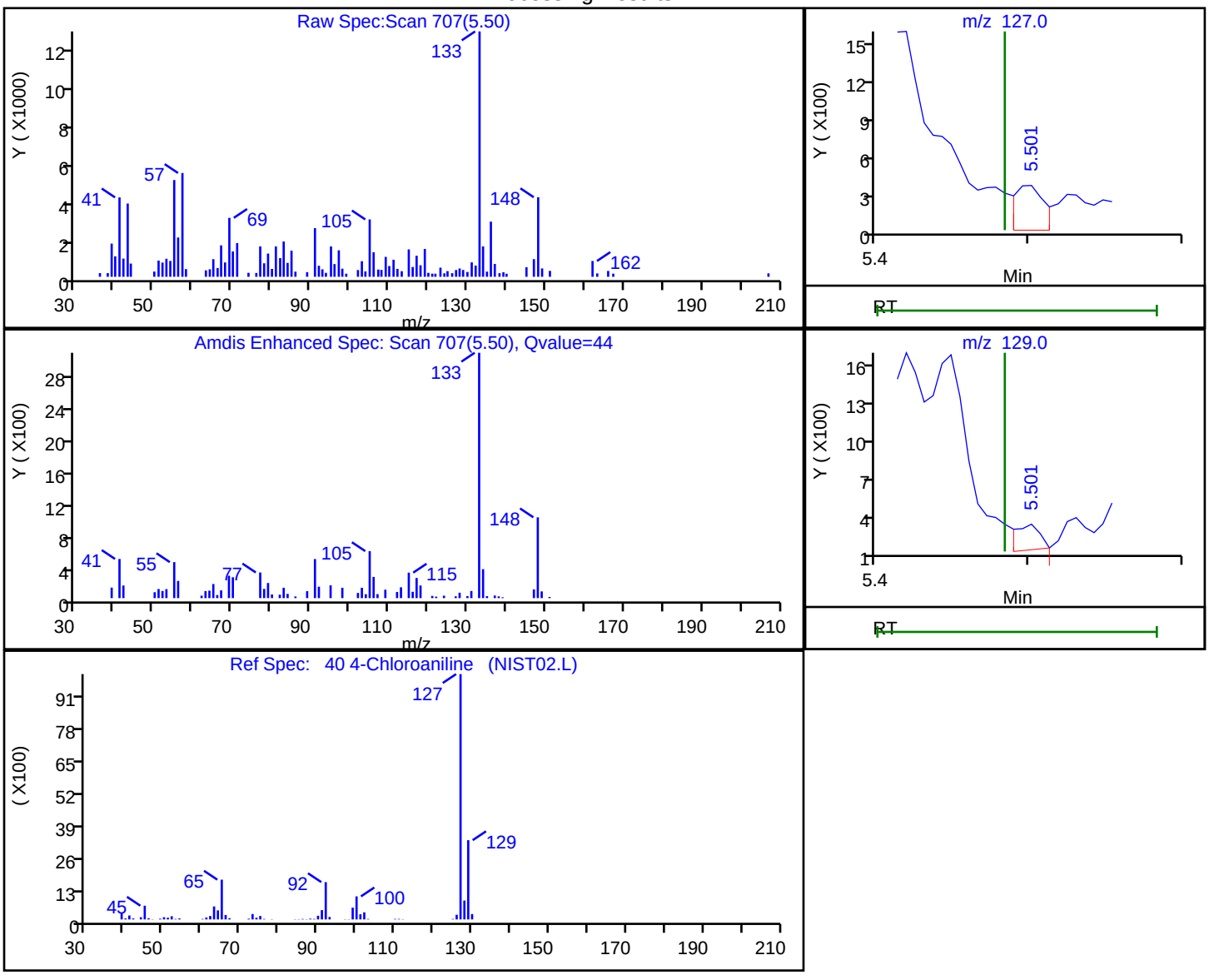
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 4-Chloroaniline, CAS: 106-47-8

Processing Results



RT	Mass	Response	Amount
5.50	127.00	492	0.020161
5.50	129.00	219	

Reviewer: khlungprakhons, 31-Aug-2020 11:26:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

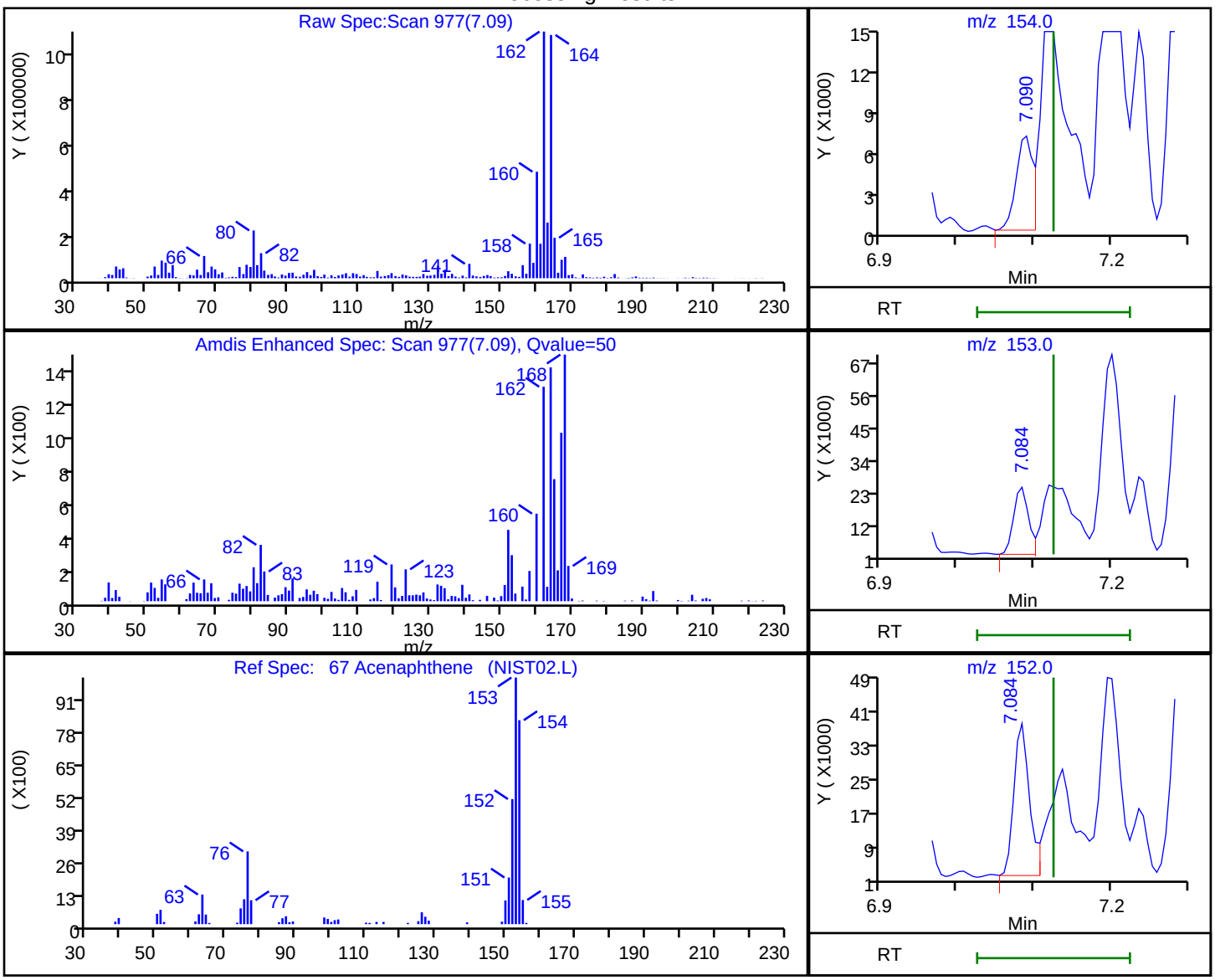
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.09	154.00	10762	0.268786
7.08	153.00	31970	
7.08	152.00	51781	

Reviewer: hamziy, 29-Aug-2020 19:51:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

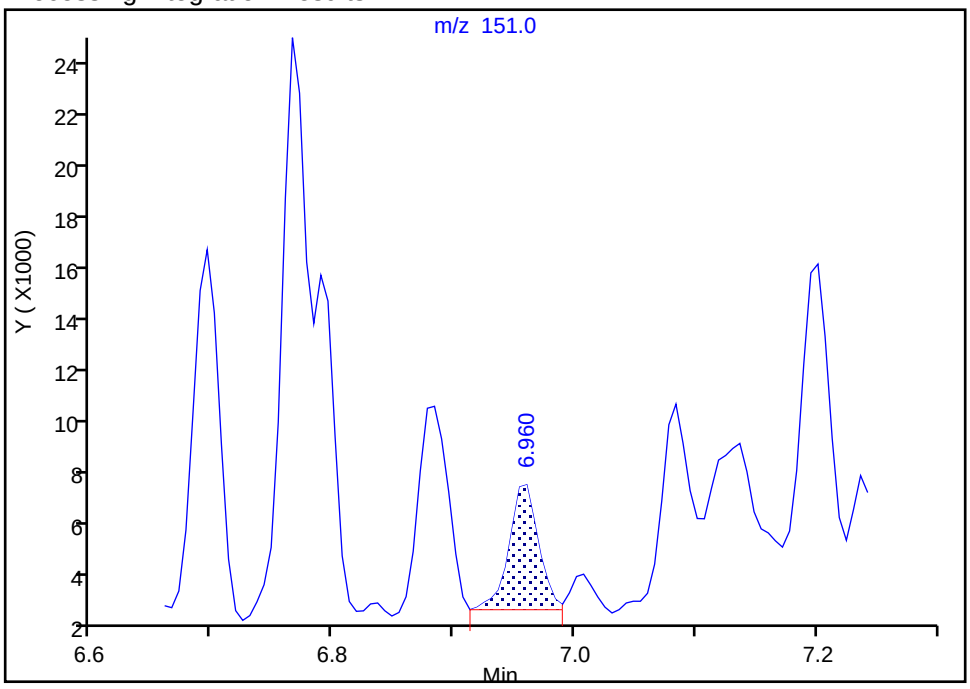
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d		
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7
Client ID:	SB-07_6-8_20200827		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

63 Acenaphthylene, CAS: 208-96-8

Signal: 2

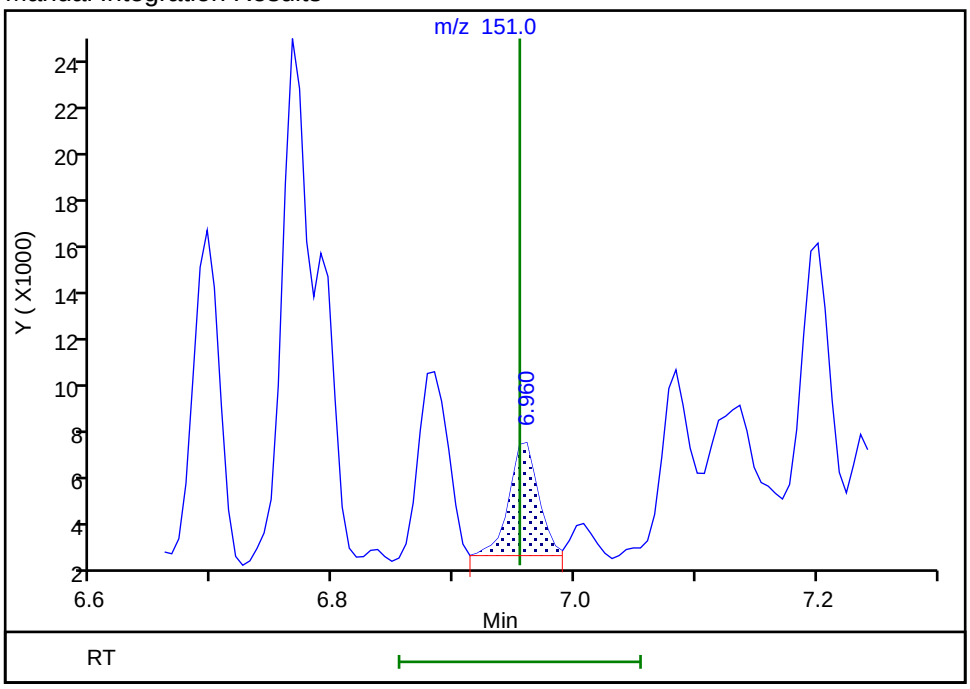
Processing Integration Results

RT: 6.96
Area: 8039
Amount: 0.395514
Amount Units: ug/ml



Manual Integration Results

RT: 6.96
Area: 8039
Amount: 0.395514
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:26:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

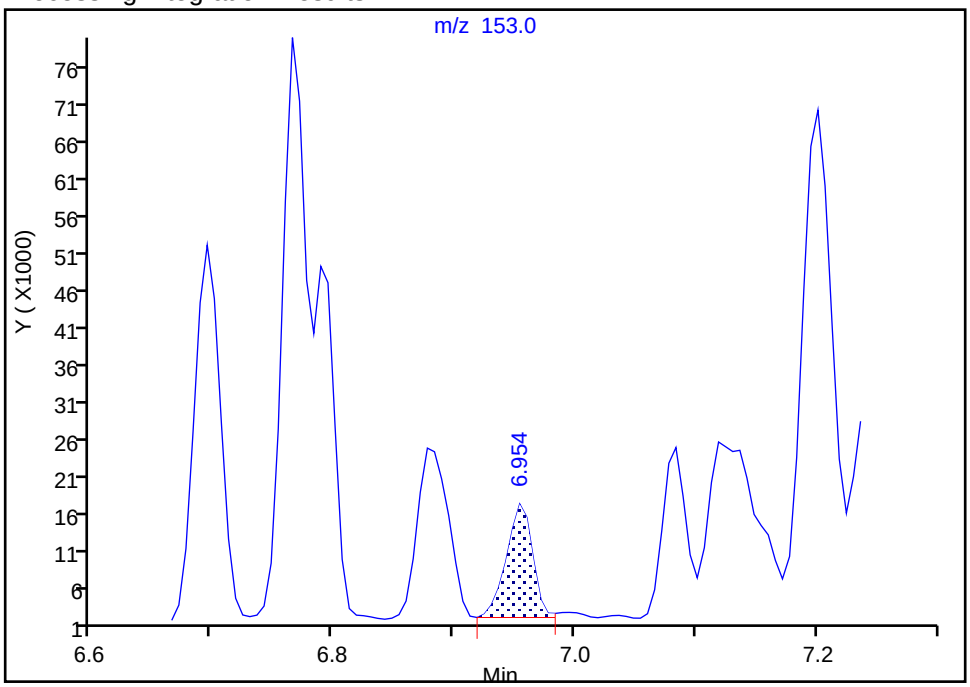
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

63 Acenaphthylene, CAS: 208-96-8

Signal: 3

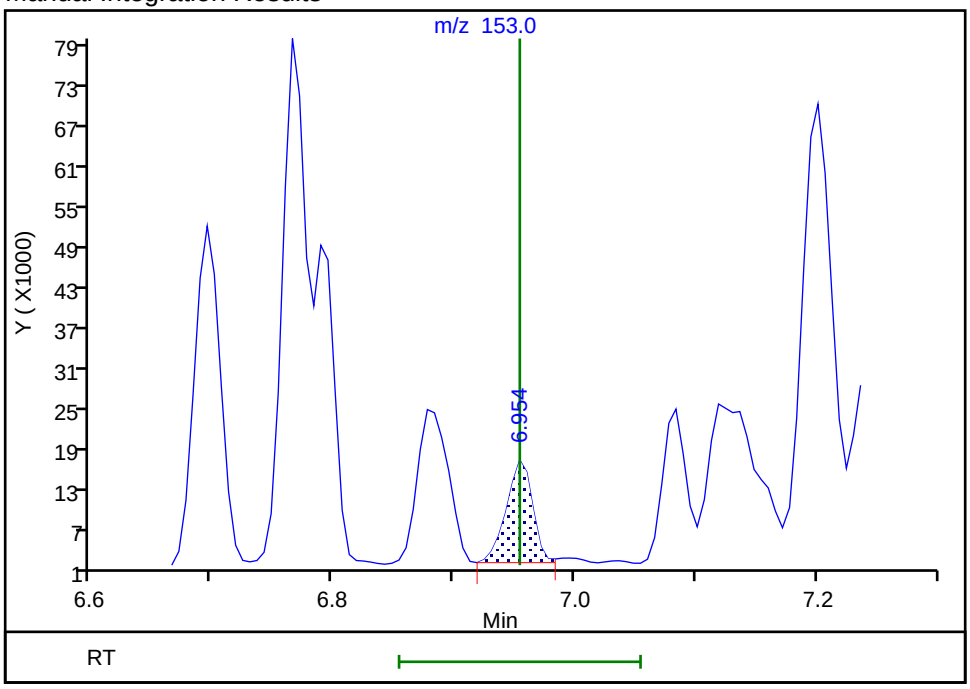
Processing Integration Results

RT: 6.95
Area: 23049
Amount: 0.395514
Amount Units: ug/ml



Manual Integration Results

RT: 6.95
Area: 23049
Amount: 0.395514
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:26:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

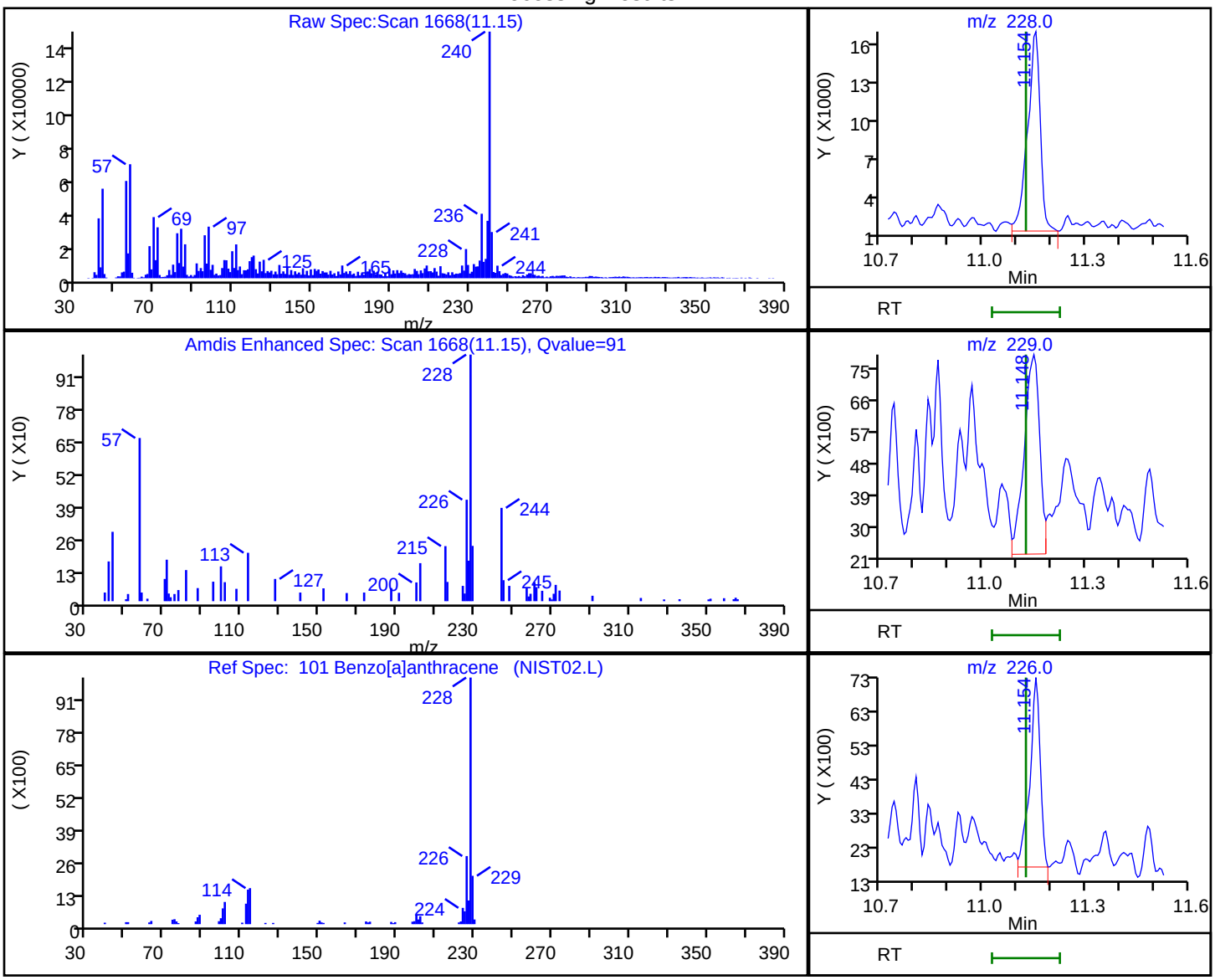
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.15	228.00	40119	0.652667
11.15	229.00	18188	
11.15	226.00	11793	

Reviewer: khlungprakhons, 31-Aug-2020 11:26:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

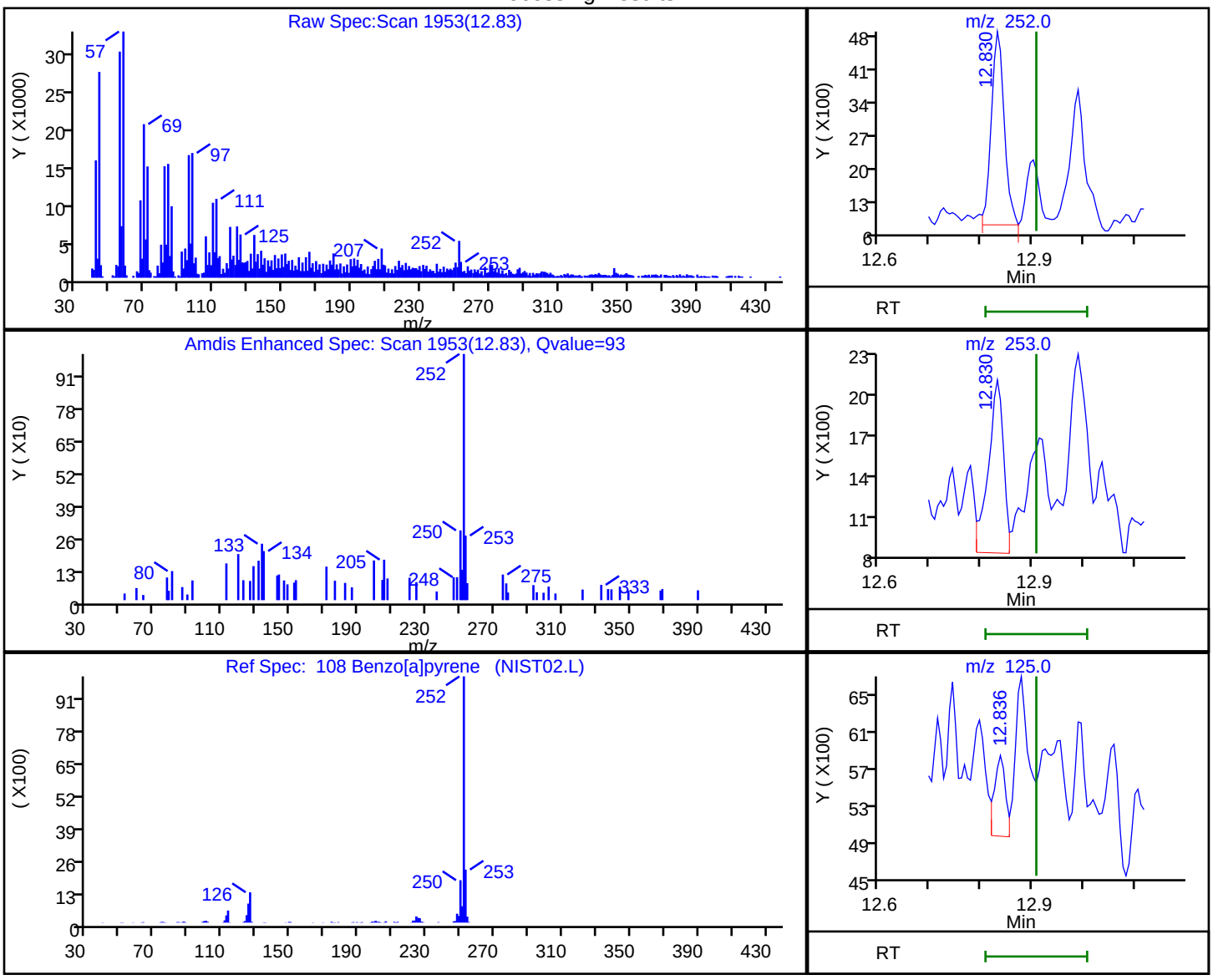
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.83	252.00	7155	0.189218
12.83	253.00	2496	
12.84	125.00	1309	

Reviewer: hamziy, 29-Aug-2020 19:51:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

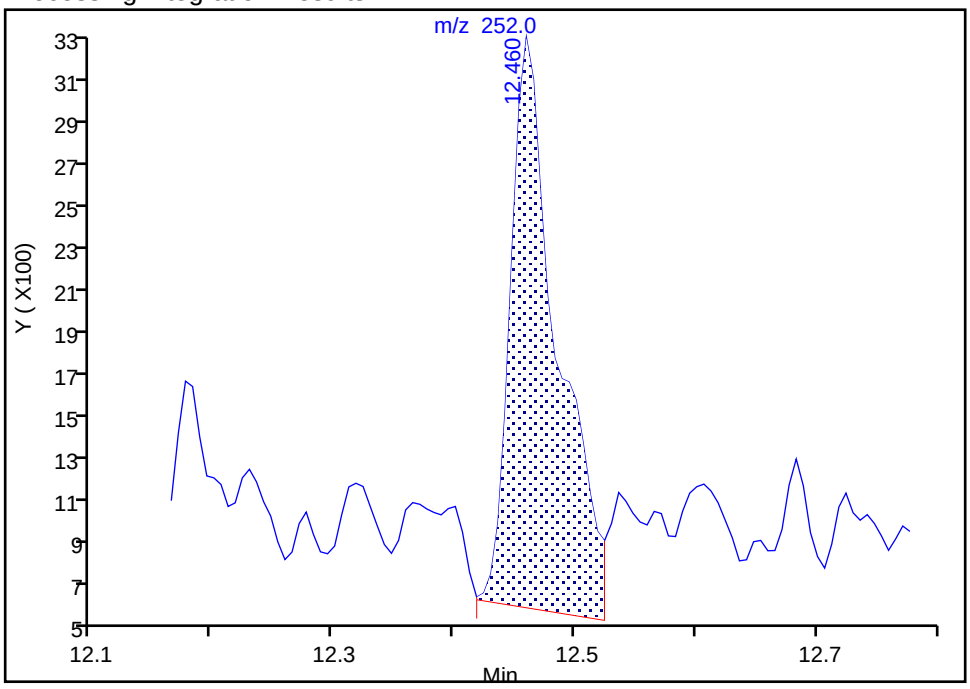
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

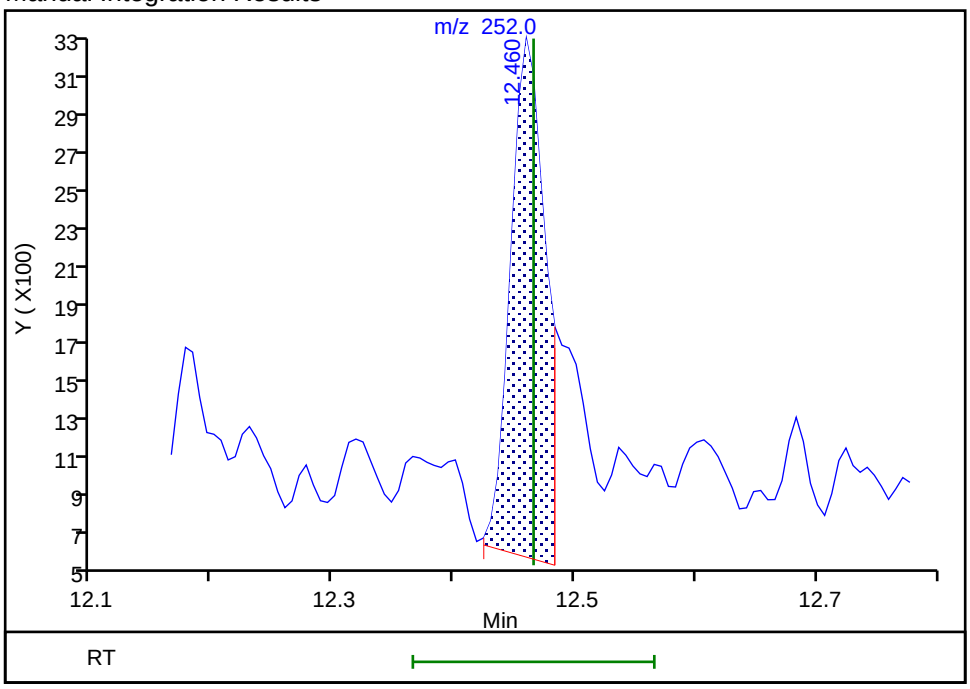
Processing Integration Results

RT: 12.46
Area: 7232
Amount: 0.160252
Amount Units: ug/ml



Manual Integration Results

RT: 12.46
Area: 5445
Amount: 0.120655
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:51:56

Audit Action: Manually Integrated Audit Reason: Baseline

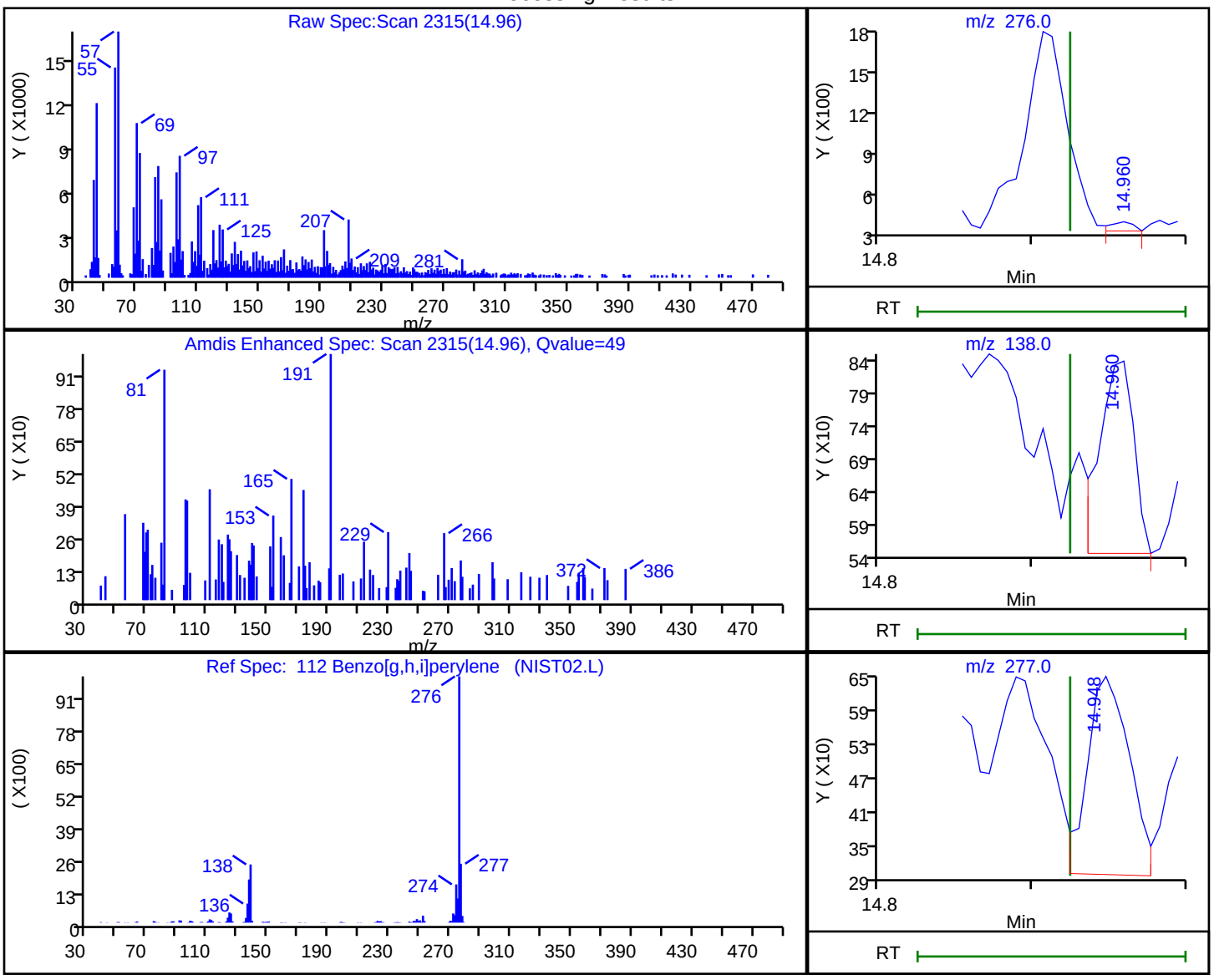
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results



RT	Mass	Response	Amount
14.96	276.00	69	0.001778
14.96	138.00	469	
14.95	277.00	684	

Reviewer: khlungprakhons, 31-Aug-2020 11:27:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

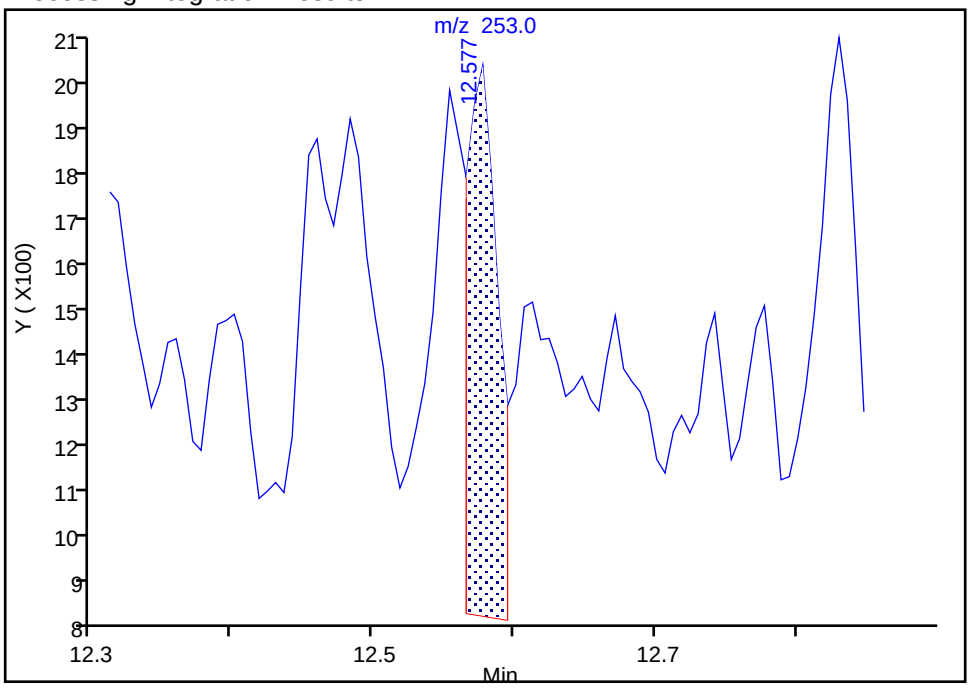
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 2

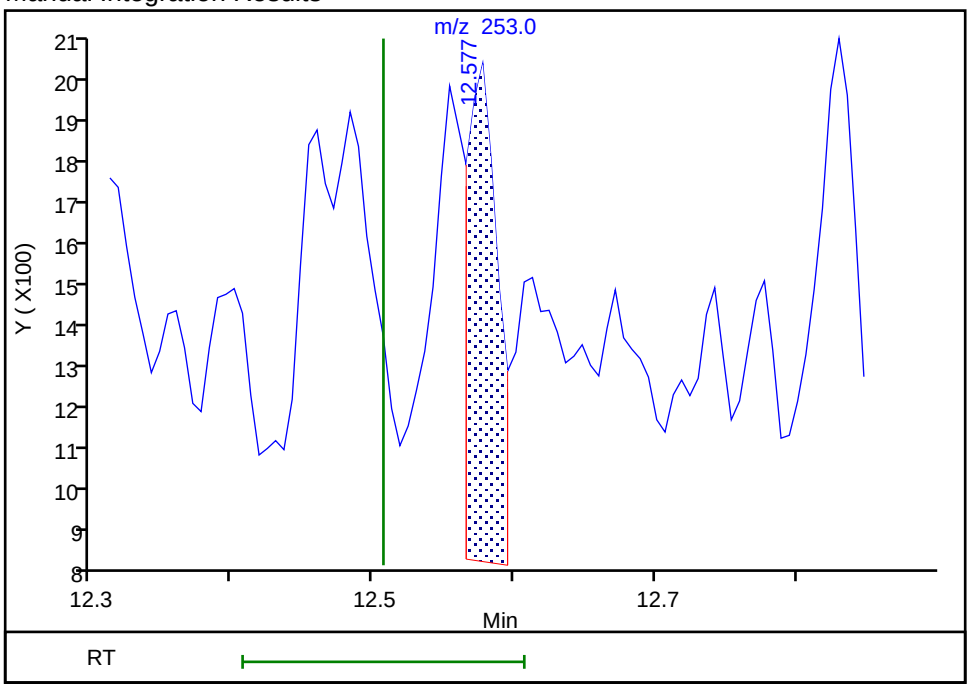
Processing Integration Results

RT: 12.58
Area: 1916
Amount: 0.009235
Amount Units: ug/ml



Manual Integration Results

RT: 12.58
Area: 1916
Amount: 0.032624
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:51:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

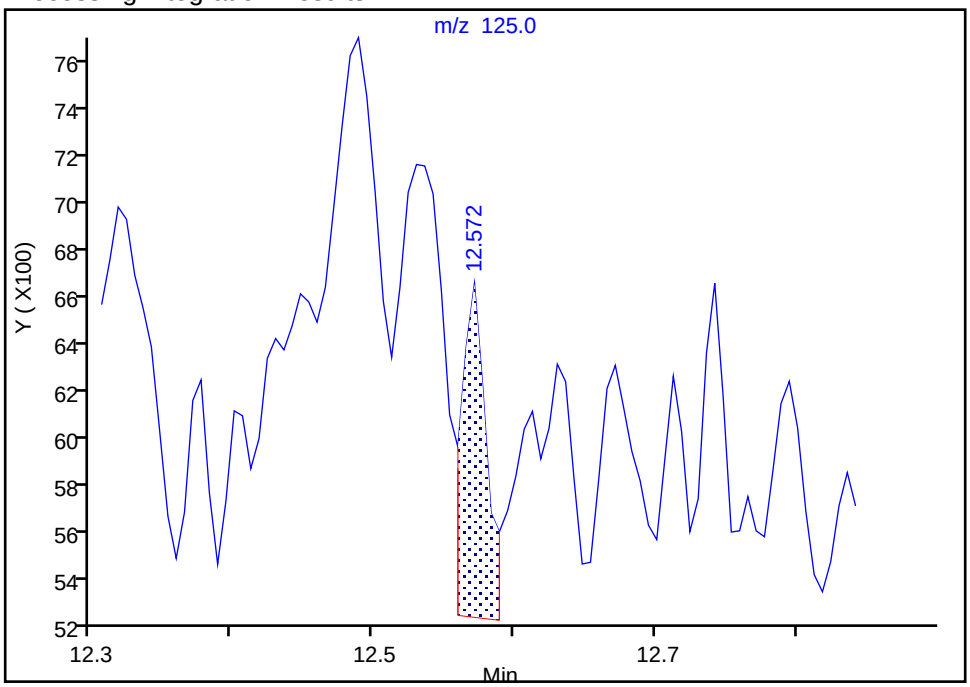
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 3

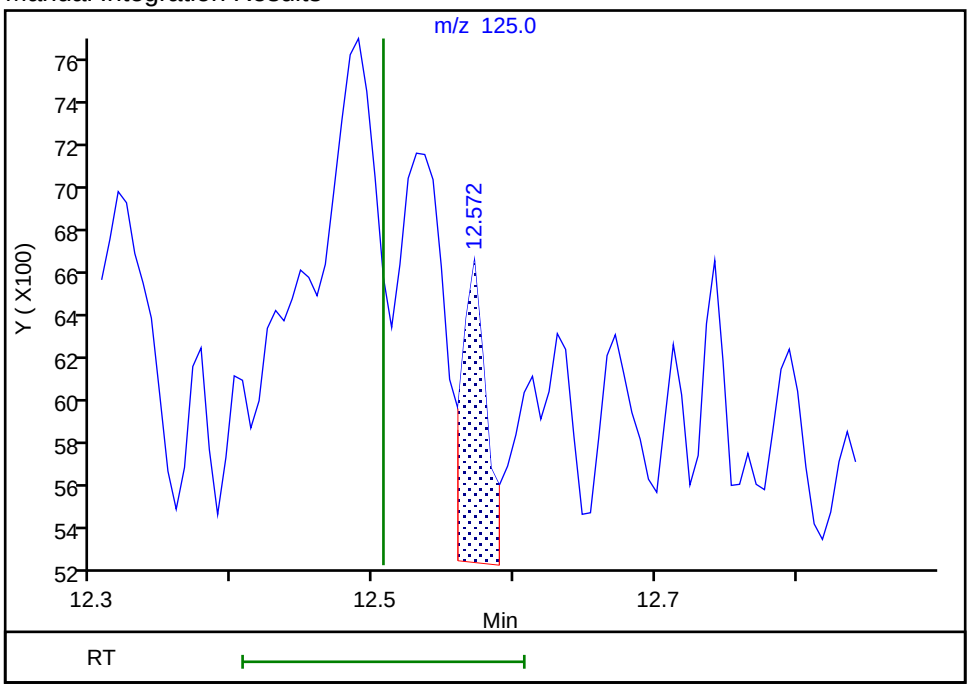
Processing Integration Results

RT: 12.57
Area: 1720
Amount: 0.009235
Amount Units: ug/ml



Manual Integration Results

RT: 12.57
Area: 1720
Amount: 0.032624
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:51:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

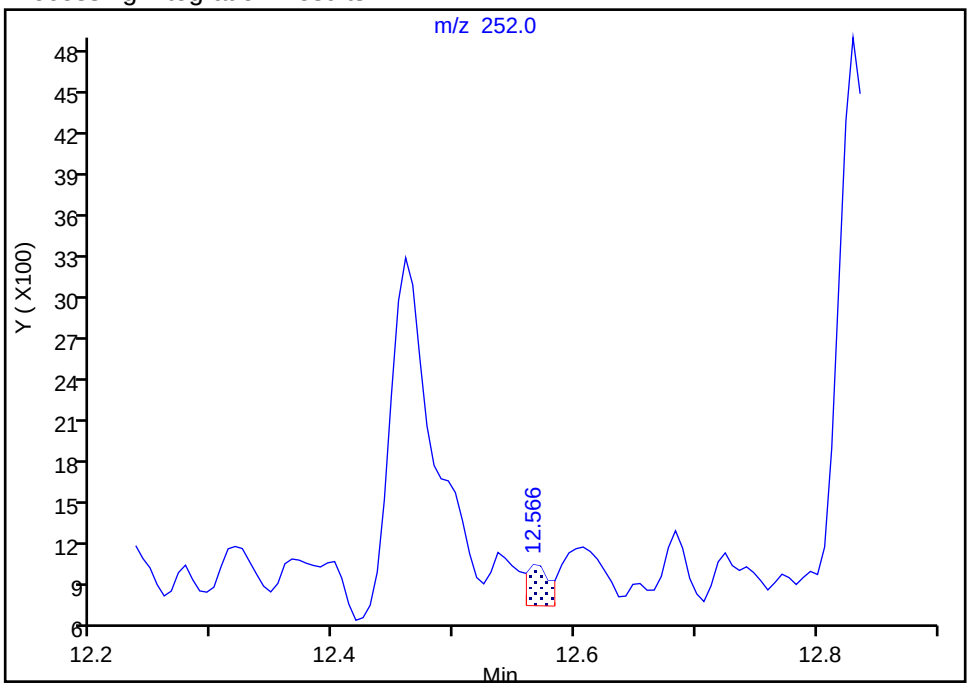
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

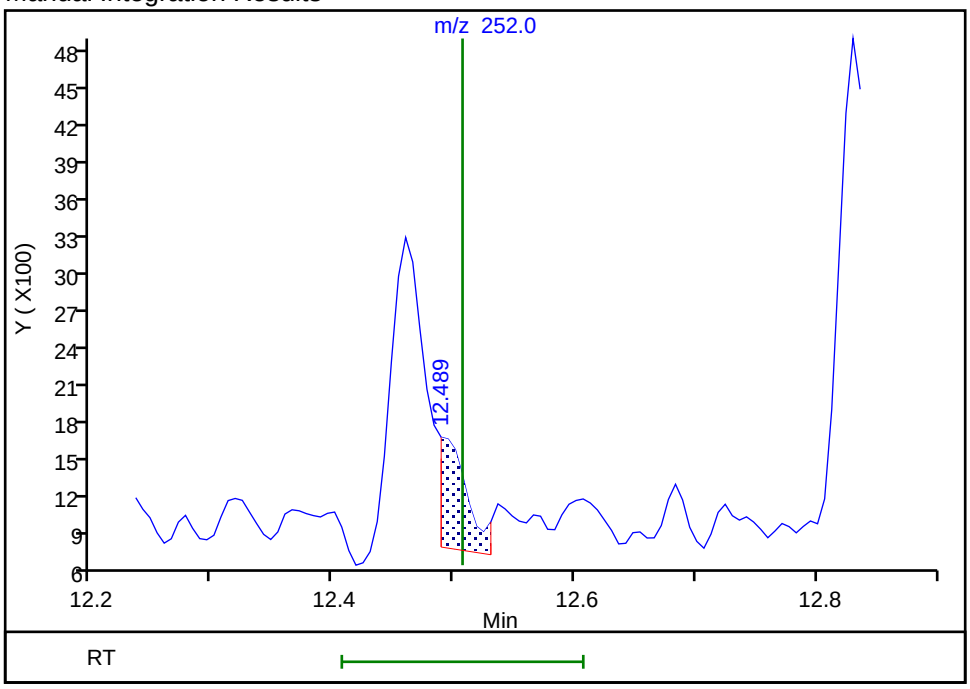
Processing Integration Results

RT: 12.57
Area: 413
Amount: 0.009235
Amount Units: ug/ml



Manual Integration Results

RT: 12.49
Area: 1459
Amount: 0.032624
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:51:59

Audit Action: Manually Integrated Audit Reason: Baseline

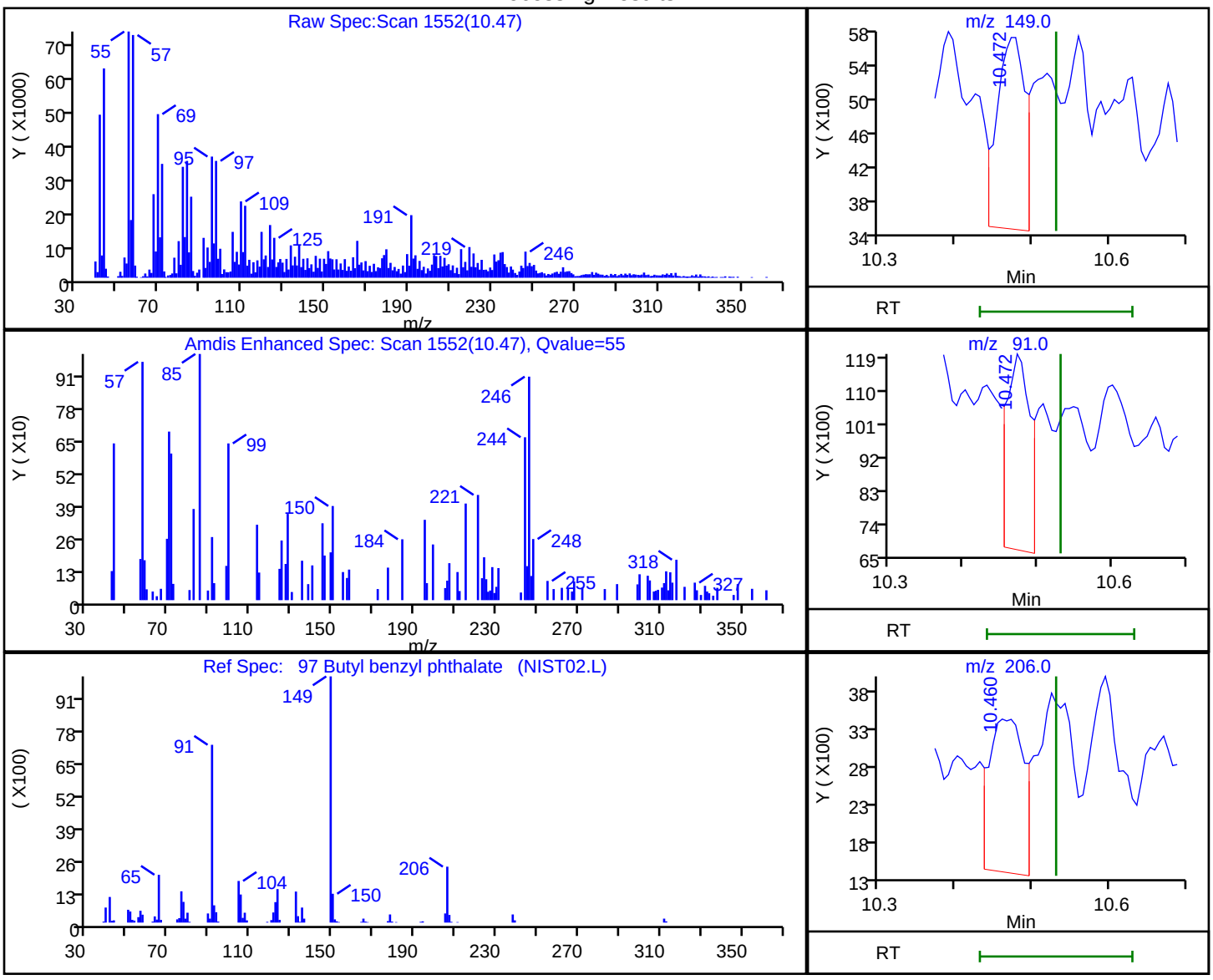
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Butyl benzyl phthalate, CAS: 85-68-7

Processing Results



RT	Mass	Response	Amount
10.47	149.00	5894	0.218860
10.47	91.00	12261	
10.46	206.00	6505	

Reviewer: hamziy, 29-Aug-2020 19:51:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

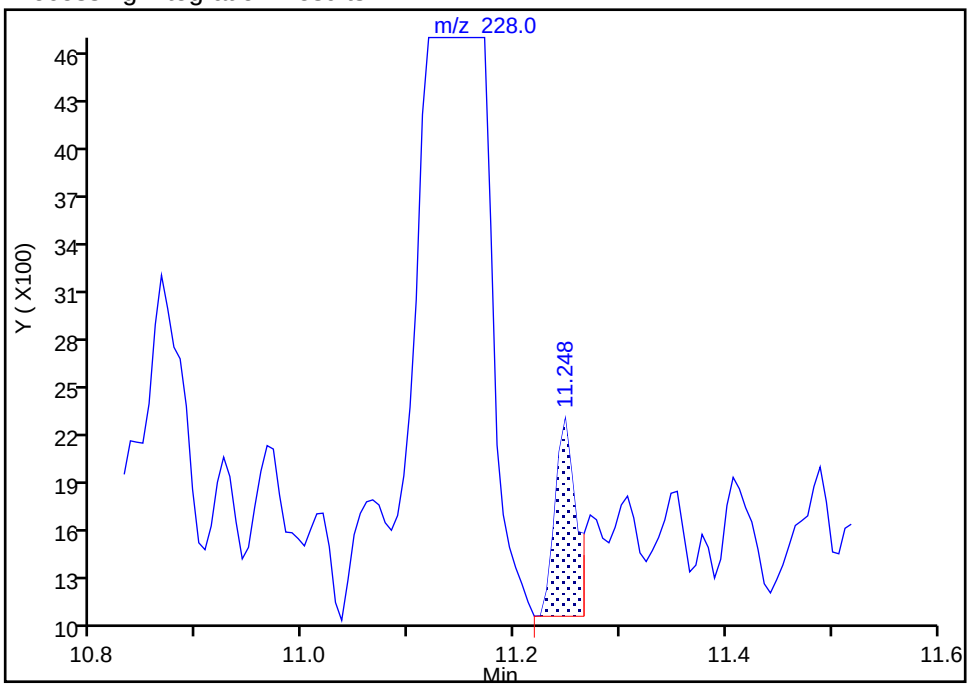
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d		
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7
Client ID:	SB-07_6-8_20200827		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

103 Chrysene, CAS: 218-01-9

Signal: 1

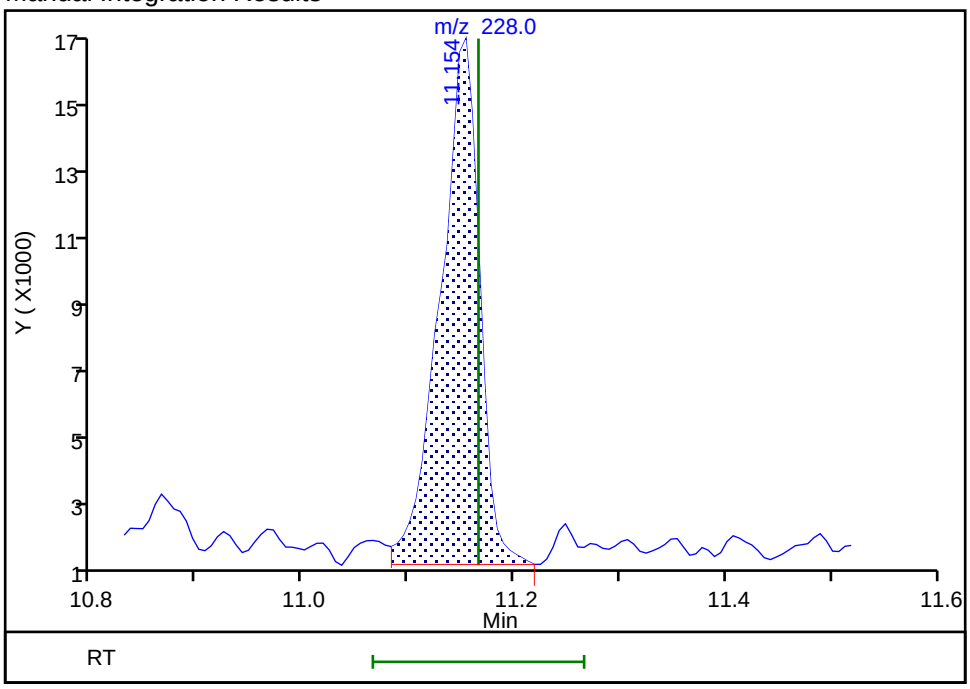
Processing Integration Results

RT: 11.25
Area: 1678
Amount: 0.028274
Amount Units: ug/ml



Manual Integration Results

RT: 11.15
Area: 40119
Amount: 0.676000
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:27:01

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

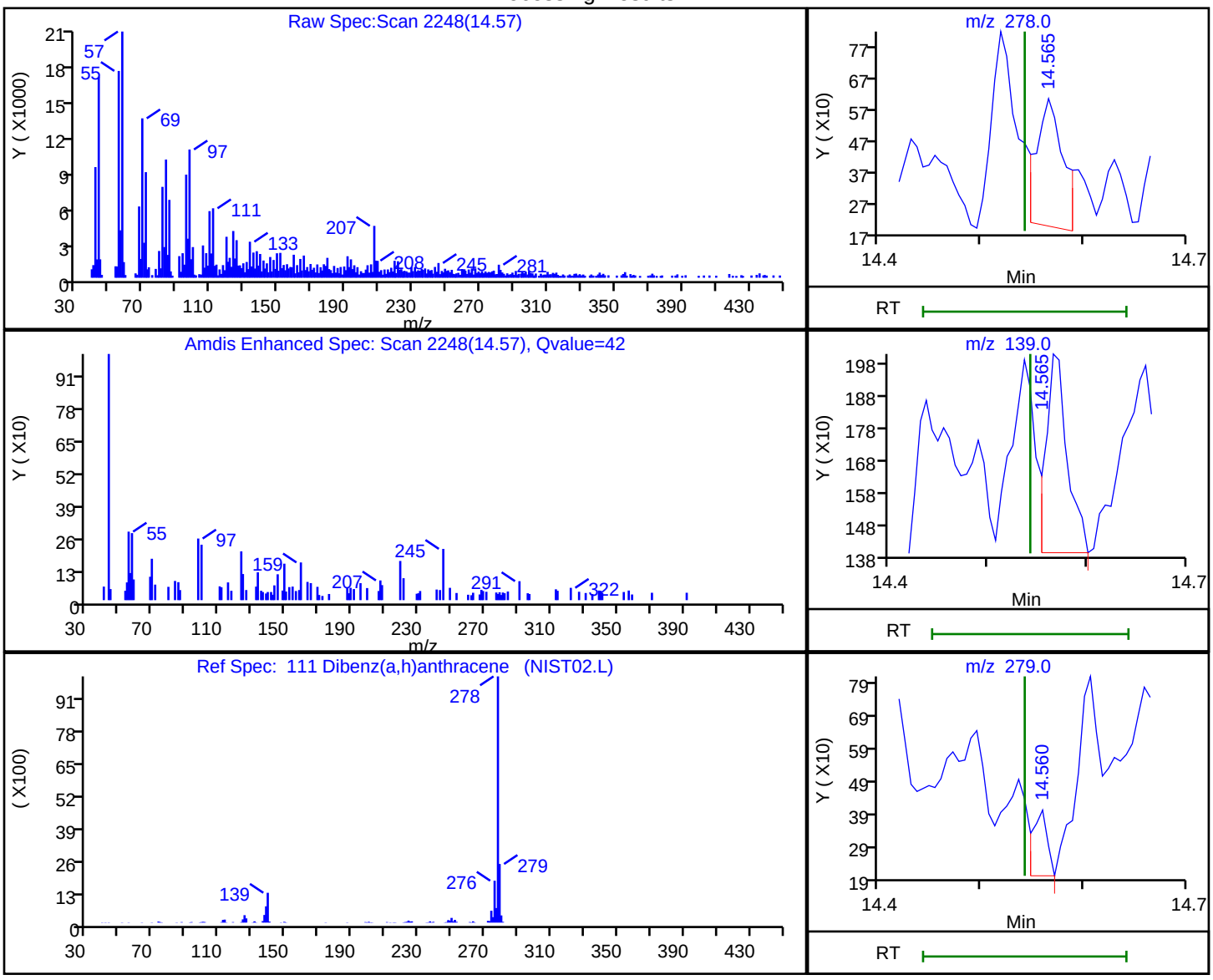
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Processing Results



RT	Mass	Response	Amount
14.57	278.00	760	0.020016
14.57	139.00	926	
14.56	279.00	205	

Reviewer: hamziy, 29-Aug-2020 19:51:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

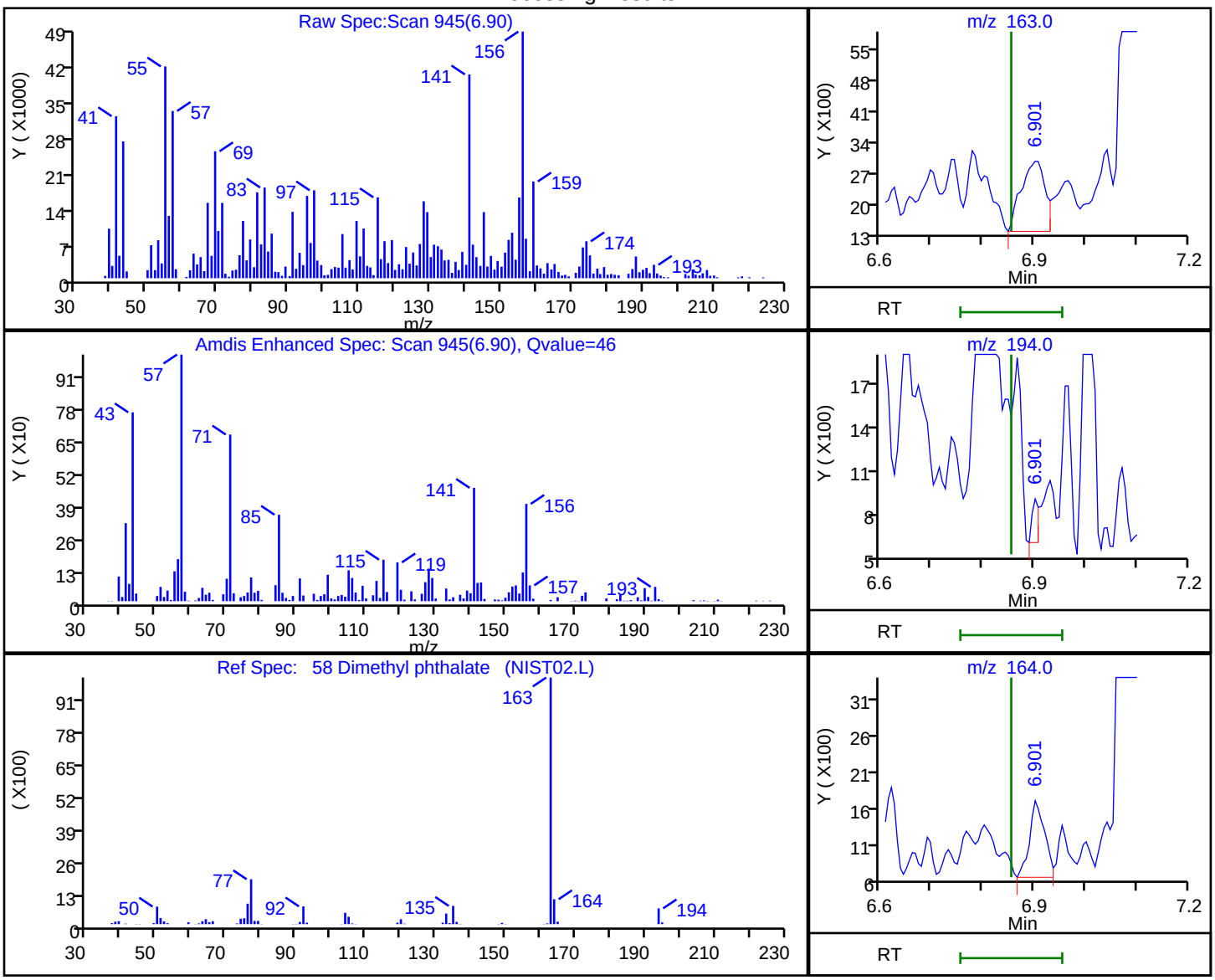
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

58 Dimethyl phthalate, CAS: 131-11-3

Processing Results



RT	Mass	Response	Amount
6.90	163.00	5185	0.113321
6.90	194.00	243	
6.90	164.00	2179	

Reviewer: hamziy, 29-Aug-2020 19:51:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

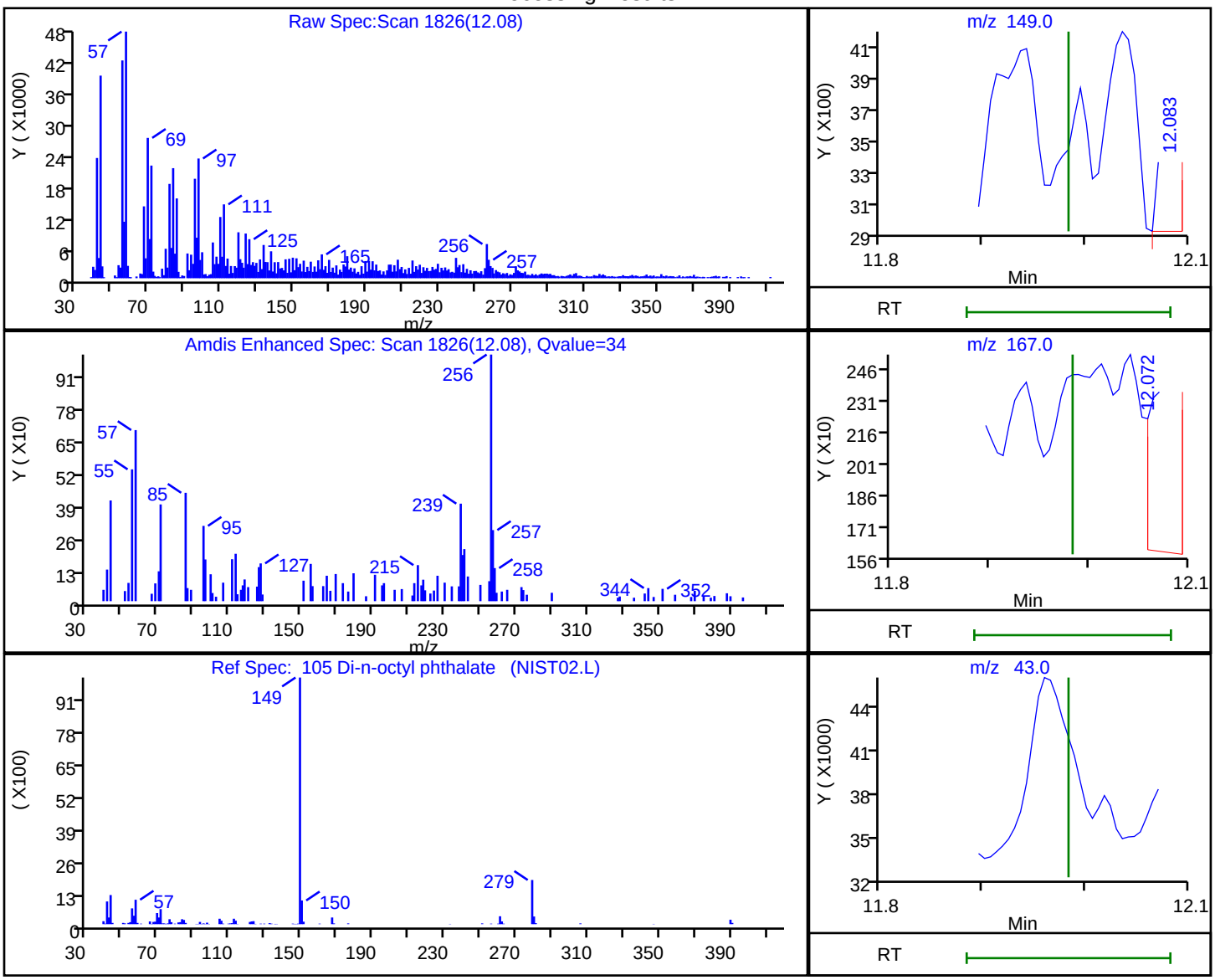
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.08	149.00	1079	0.020943
12.07	167.00	1709	
12.08	43.00	17606	

Reviewer: hamziy, 29-Aug-2020 19:51:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

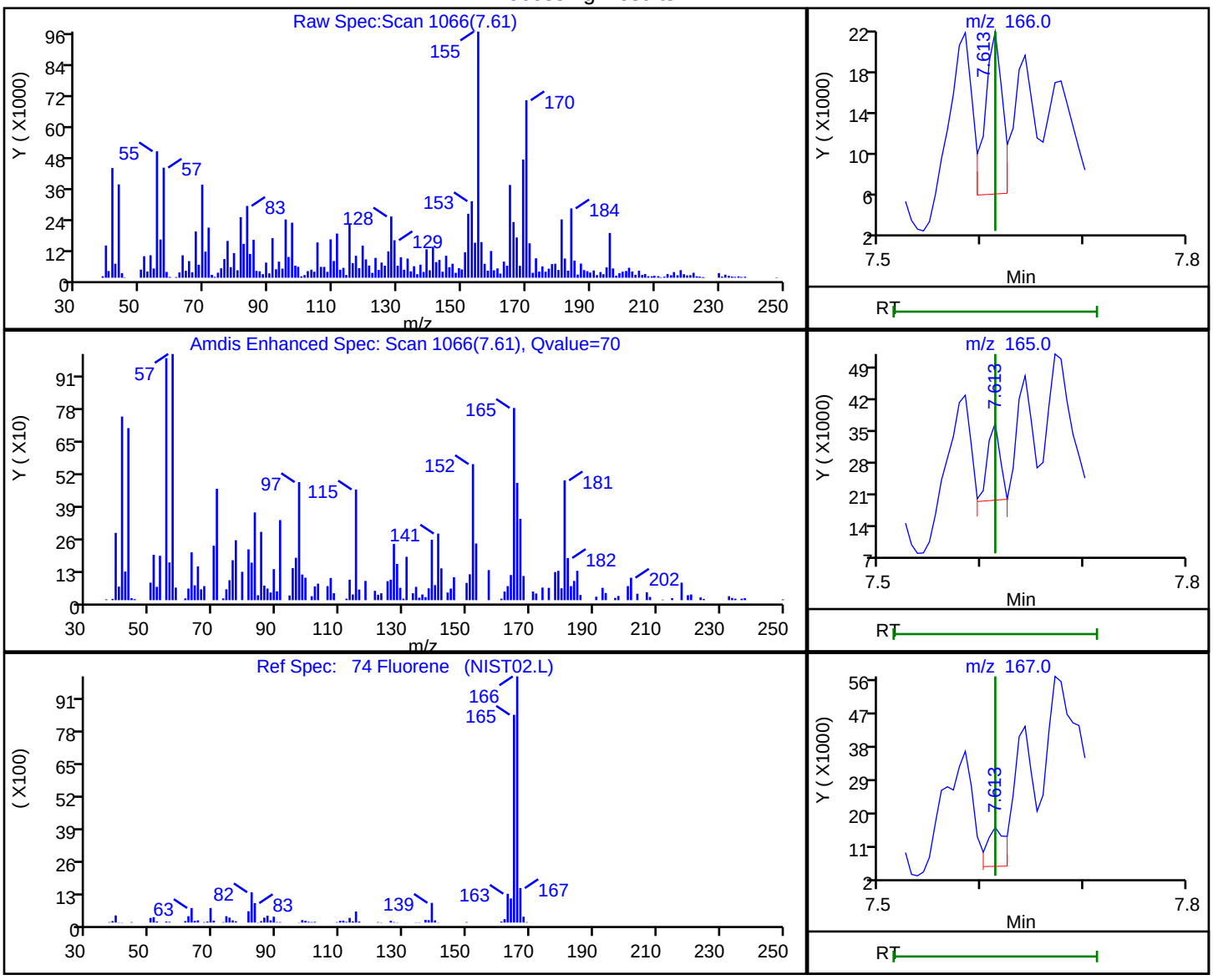
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 Fluorene, CAS: 86-73-7

Processing Results



RT	Mass	Response	Amount
7.61	166.00	18617	0.411738
7.61	165.00	14732	
7.61	167.00	13464	

Reviewer: hamziy, 29-Aug-2020 19:51:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

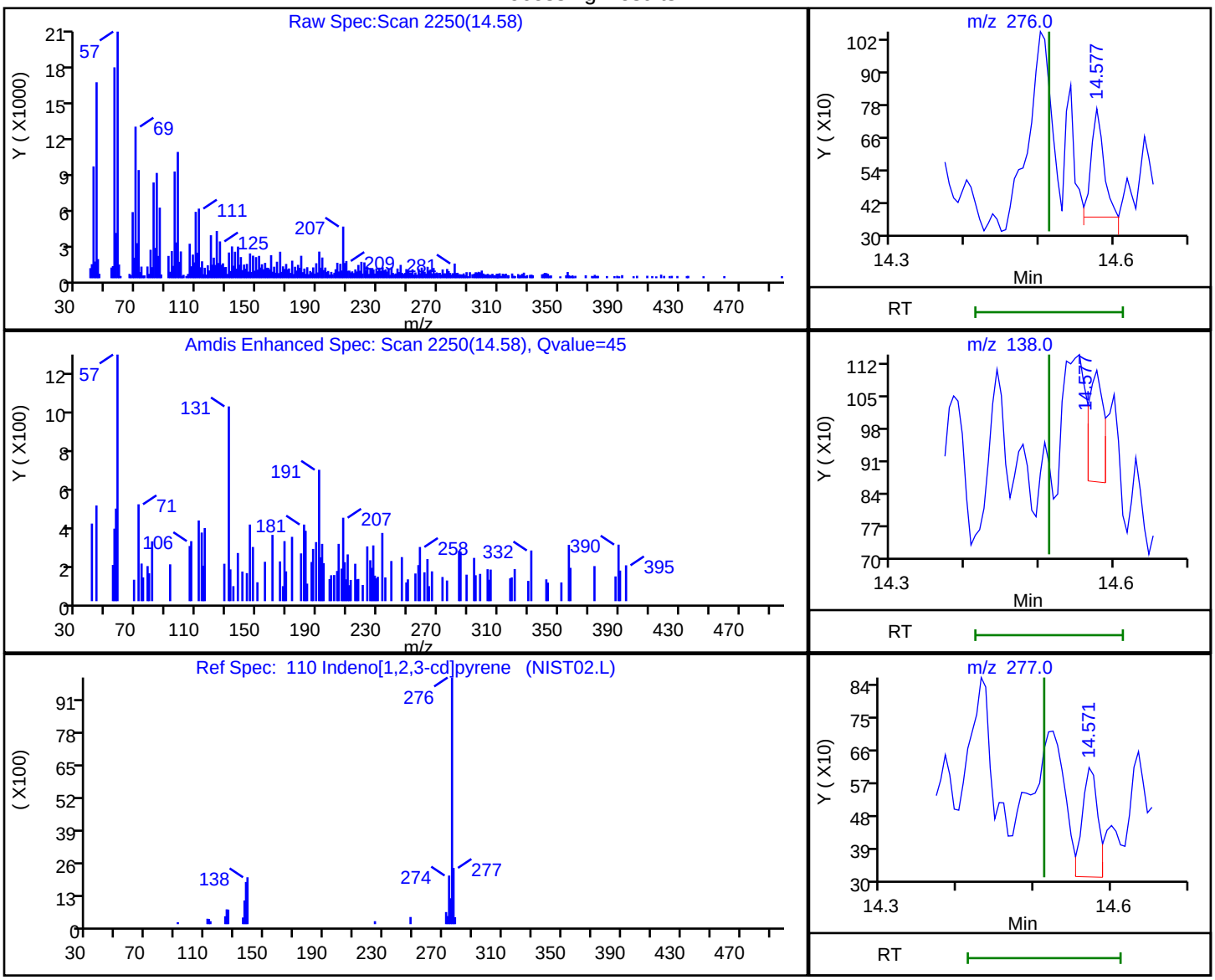
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Processing Results



RT	Mass	Response	Amount
14.58	276.00	474	0.011982
14.58	138.00	332	
14.57	277.00	433	

Reviewer: hamziy, 29-Aug-2020 19:51:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

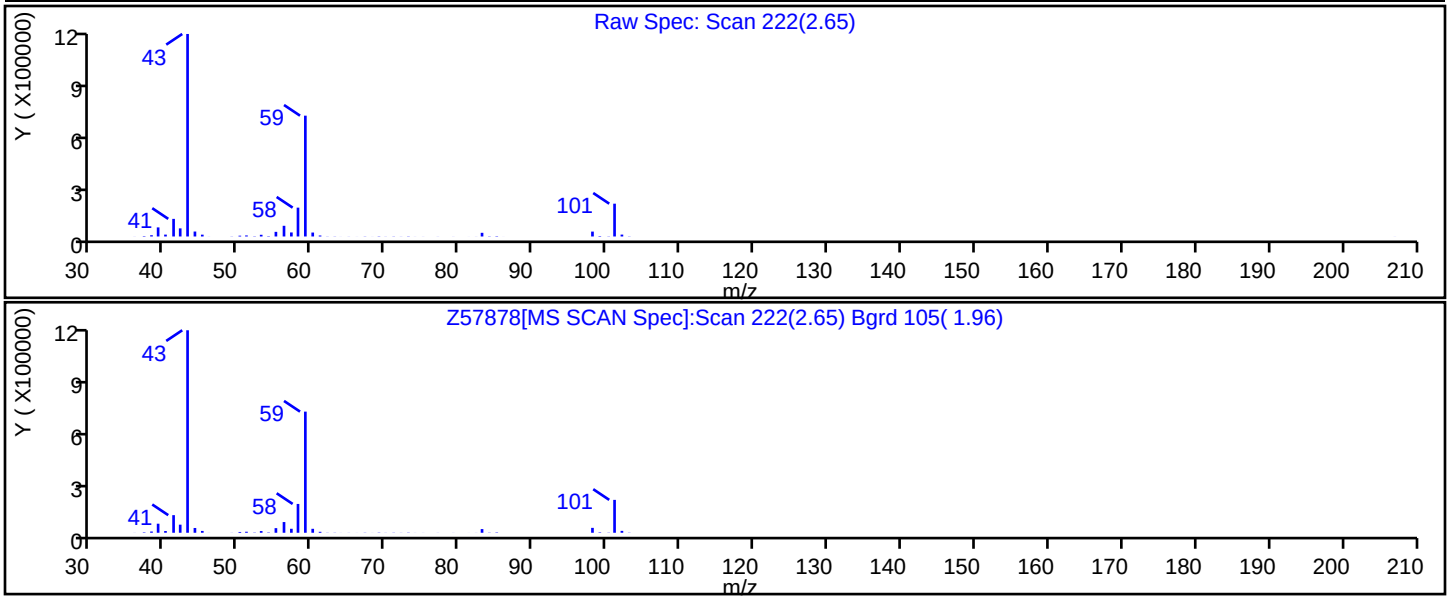
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

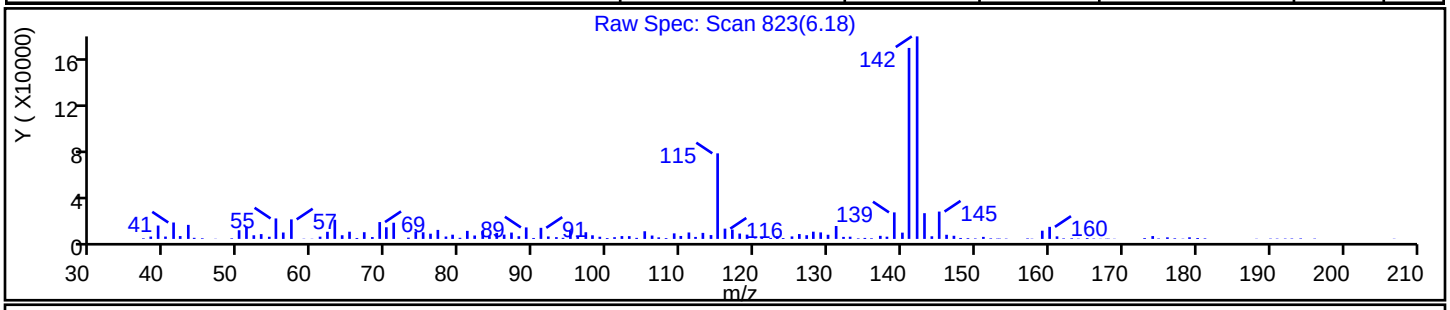
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

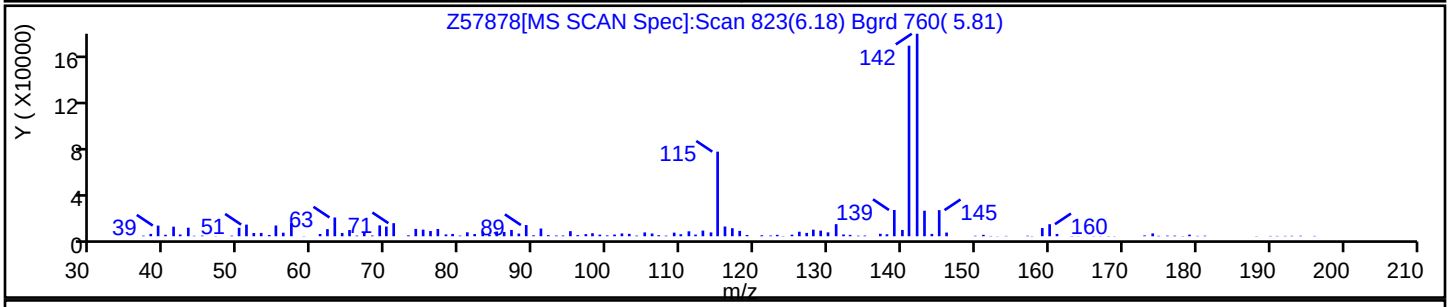
Injection Vol: 1.0 ul Dil. Factor: 1.0000

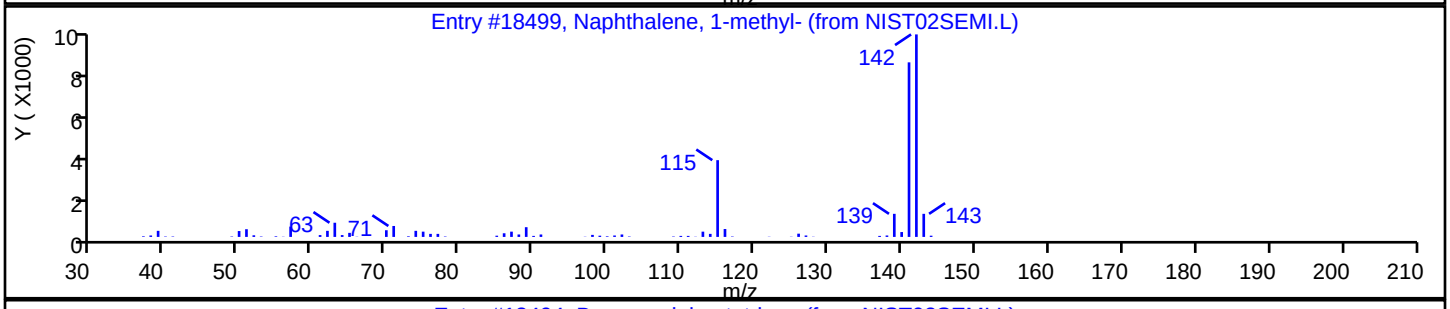
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

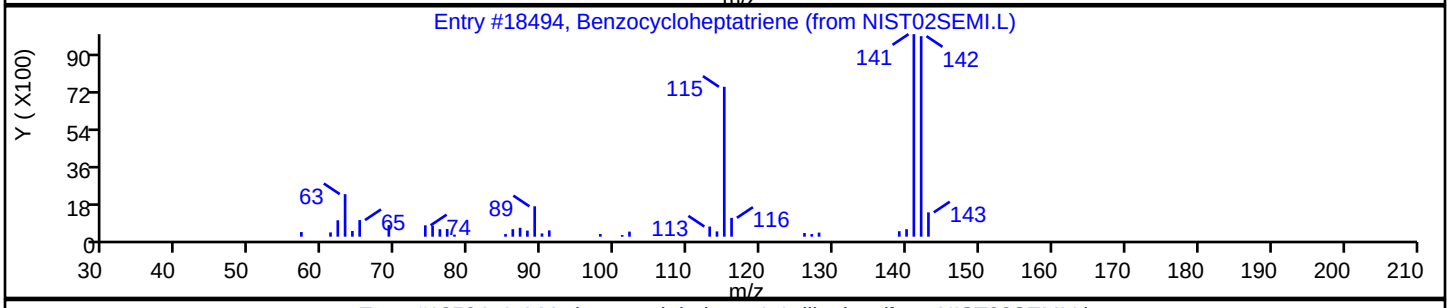
Column: Detector MS SCAN

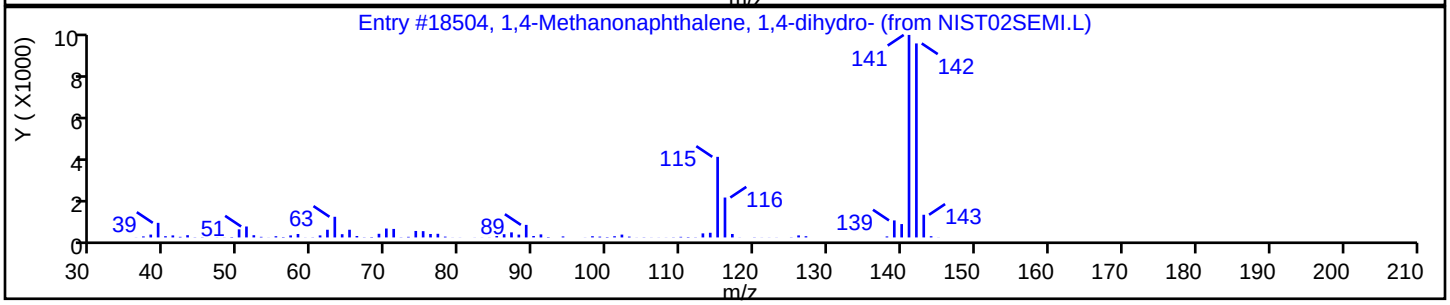
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	ST02SEMI	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	ST02SEMI	18494	C11H10	142	93
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	ST02SEMI	18504	C11H10	142	91











Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

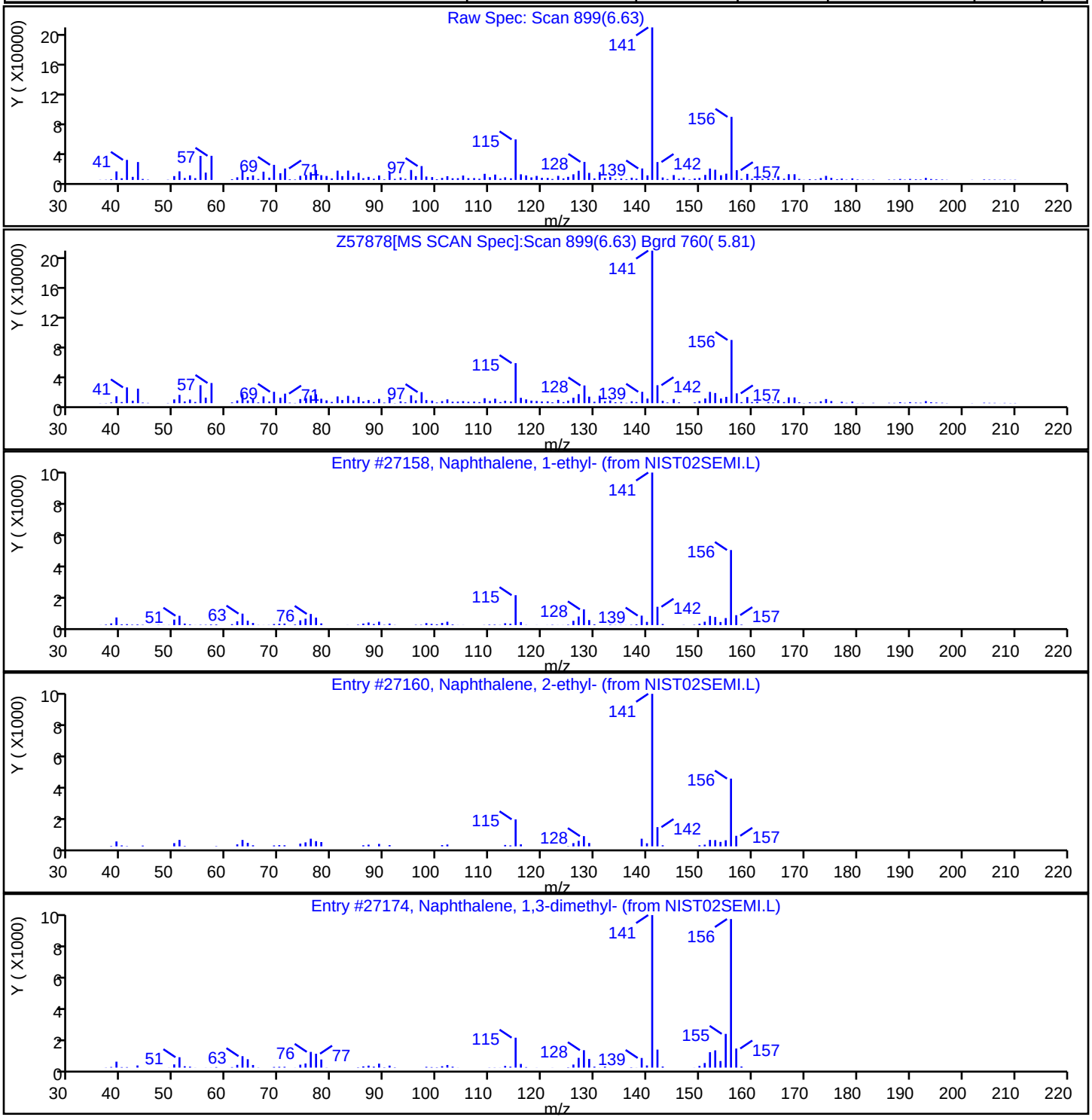
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-ethyl-	1127-76-0	ST02SEMI	27158	C12H12	156	94
Naphthalene, 2-ethyl-	939-27-5	ST02SEMI	27160	C12H12	156	94
Naphthalene, 1,3-dimethyl-	575-41-7	ST02SEMI	27174	C12H12	156	90



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

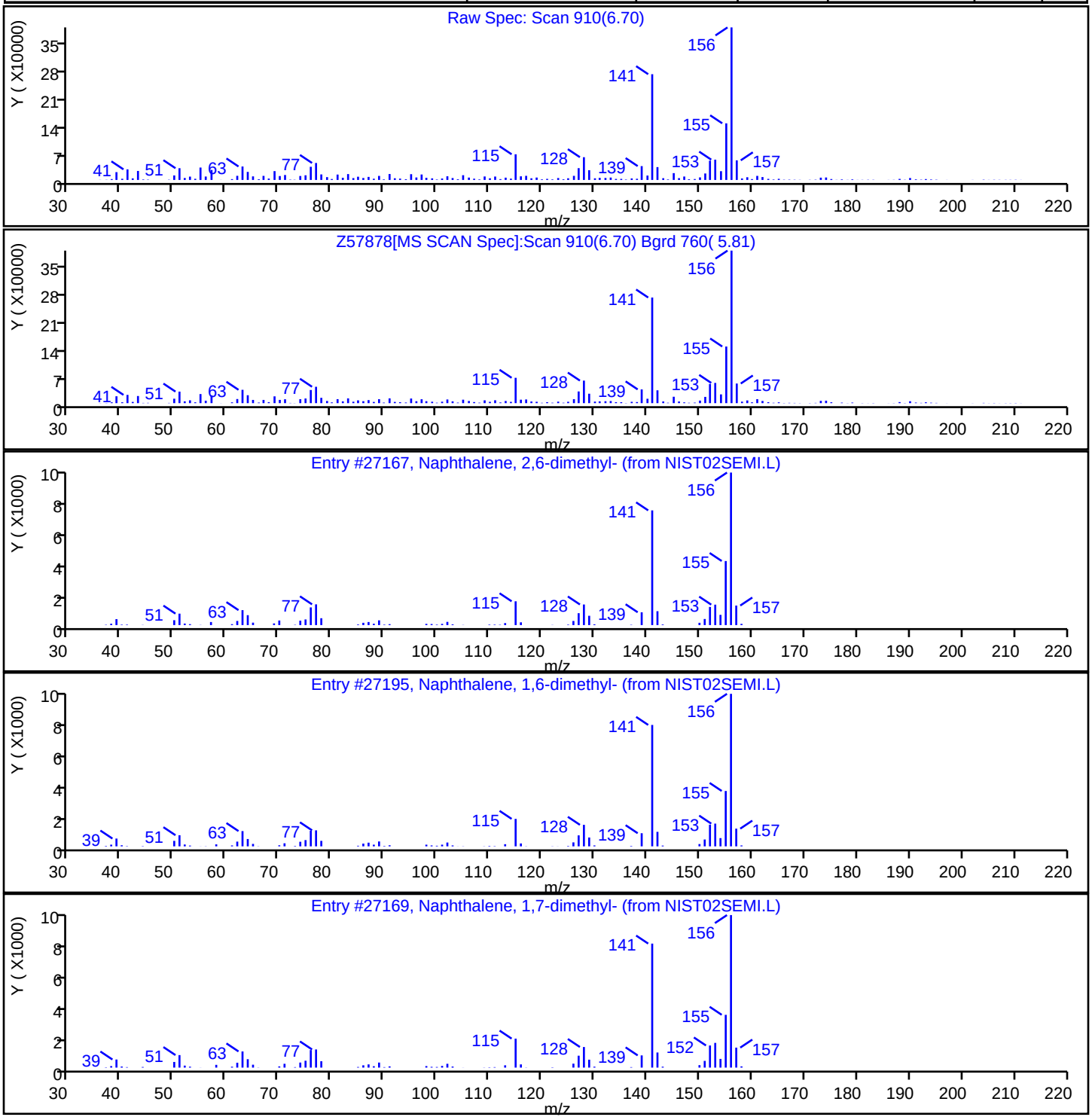
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

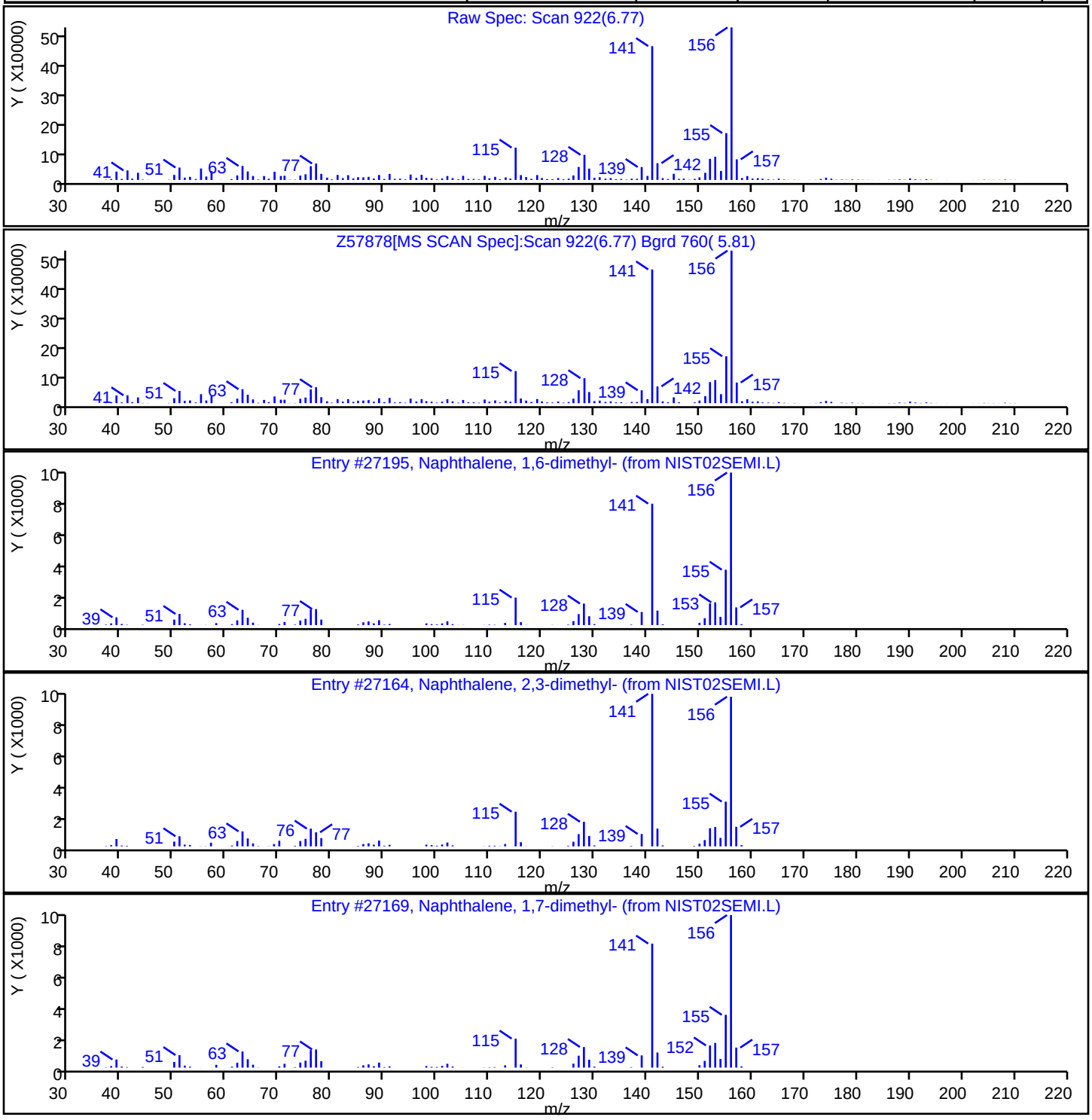
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,6-dimethyl-	581-42-0	ST02SEMI	27167	C12H12	156	98
Naphthalene, 1,6-dimethyl-	575-43-9	ST02SEMI	27195	C12H12	156	98
Naphthalene, 1,7-dimethyl-	575-37-1	ST02SEMI	27169	C12H12	156	98



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d
Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11
Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7
Client ID: SB-07_6-8_20200827
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6-dimethyl-	575-43-9	ST02SEMI	27195	C12H12	156	98
Naphthalene, 2,3-dimethyl-	581-40-8	ST02SEMI	27164	C12H12	156	97
Naphthalene, 1,7-dimethyl-	575-37-1	ST02SEMI	27169	C12H12	156	97



Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

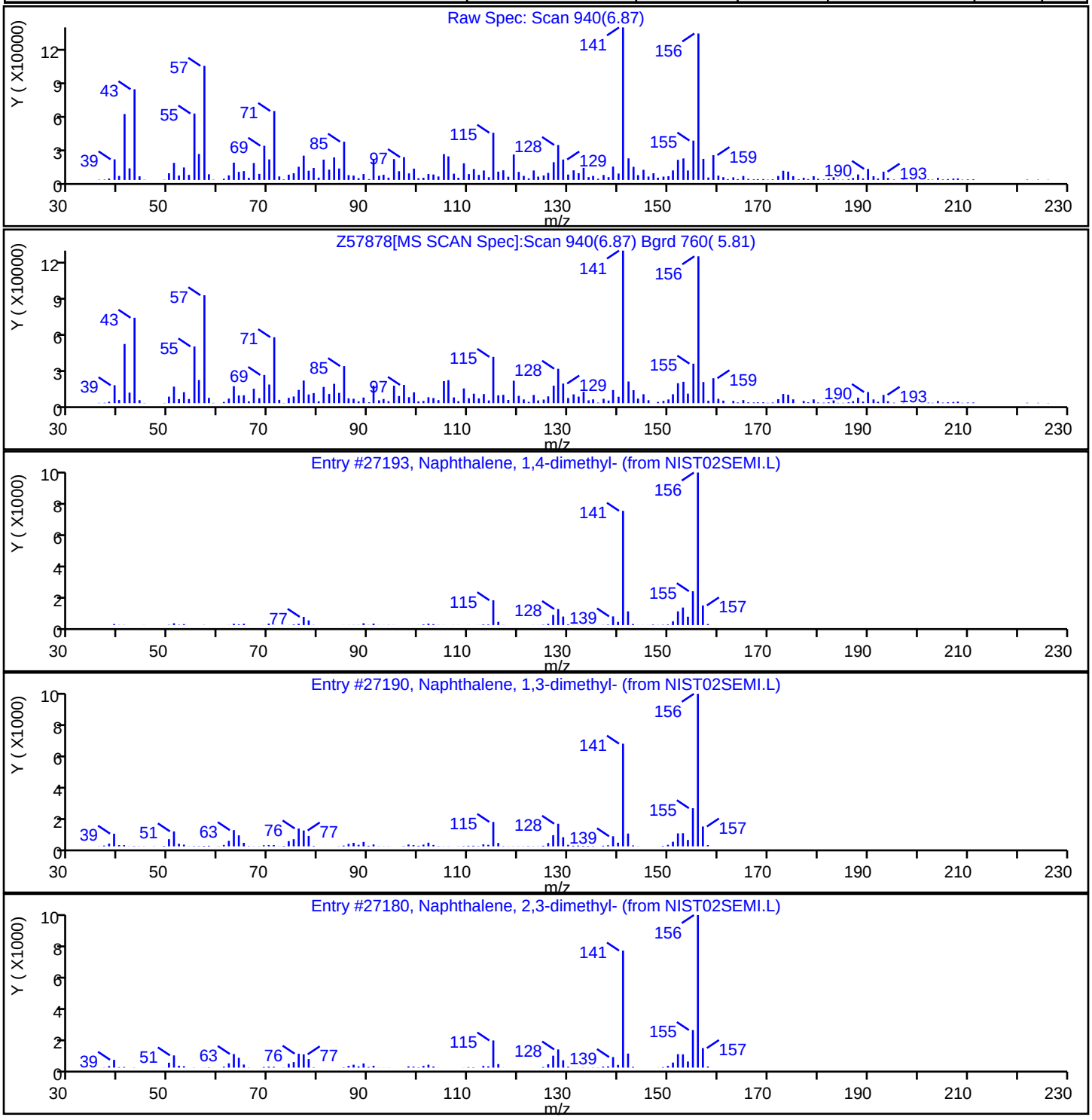
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,4-dimethyl-	571-58-4	ST02SEMI	27193	C12H12	156	97
Naphthalene, 1,3-dimethyl-	575-41-7	ST02SEMI	27190	C12H12	156	96
Naphthalene, 2,3-dimethyl-	581-40-8	ST02SEMI	27180	C12H12	156	96



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

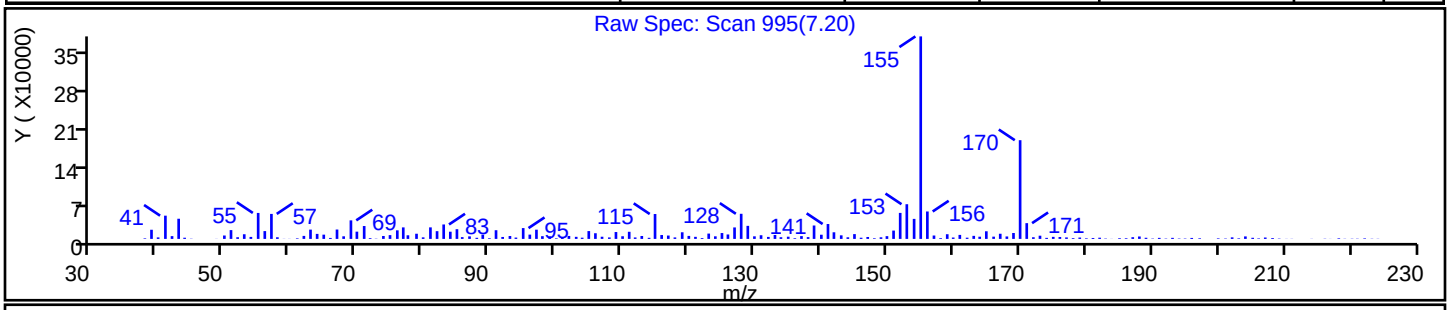
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

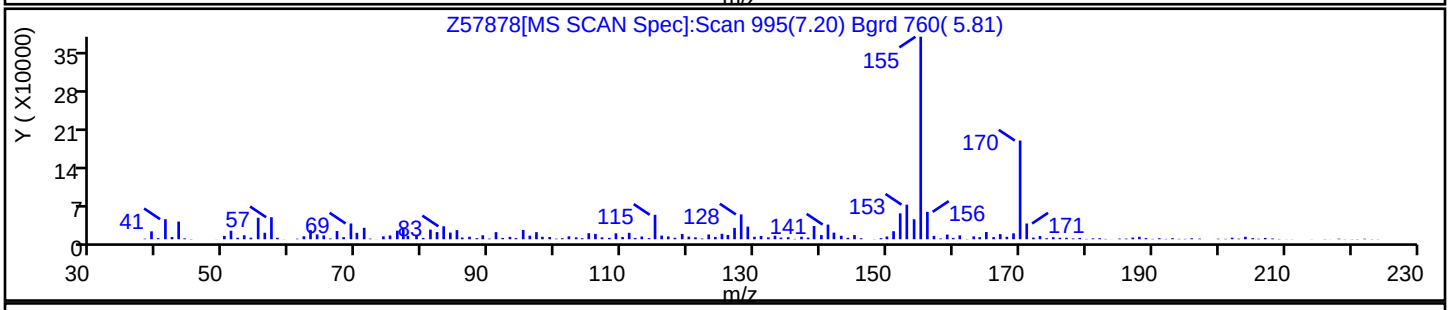
Injection Vol: 1.0 ul Dil. Factor: 1.0000

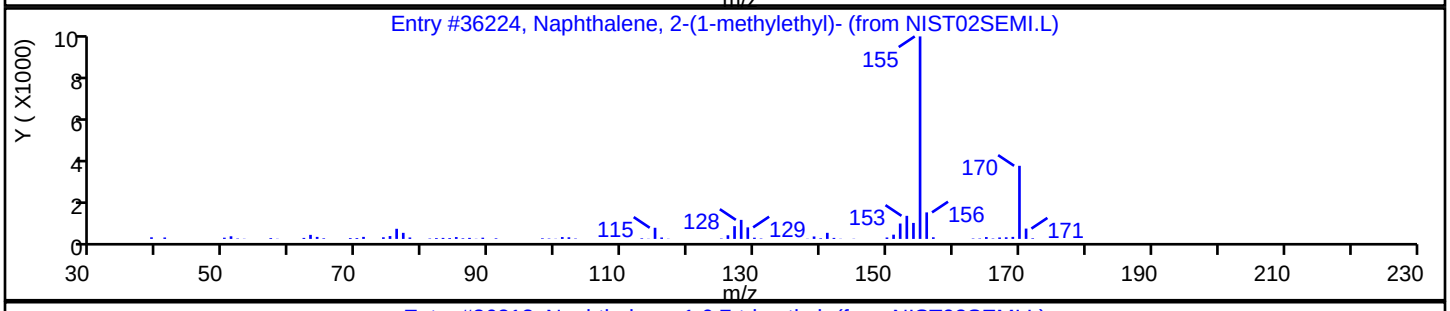
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

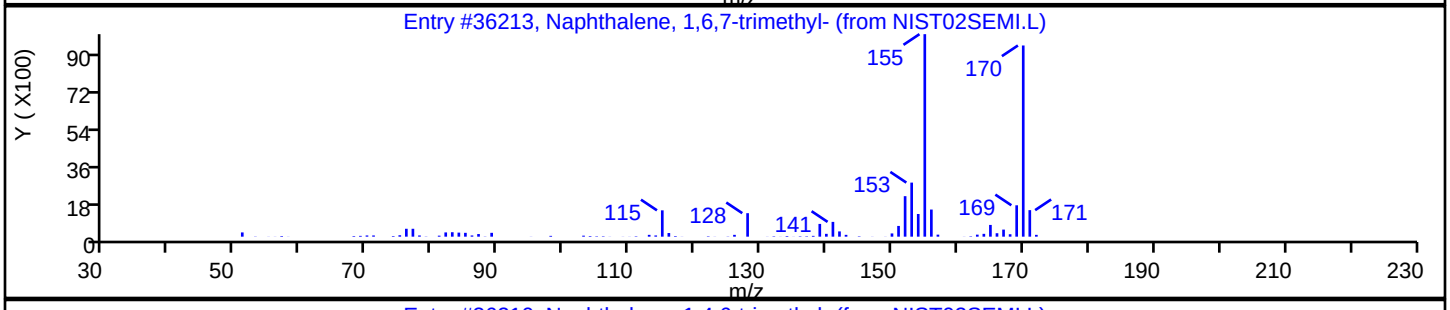
Column: Detector MS SCAN

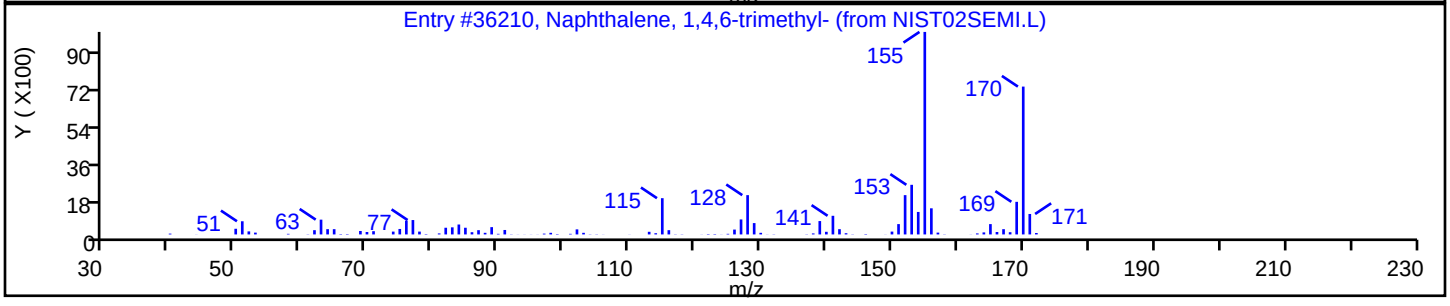
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-(1-methylethyl)-	2027-17-0	ST02SEMI	36224	C13H14	170	94
Naphthalene, 1,6,7-trimethyl-	2245-38-7	ST02SEMI	36213	C13H14	170	92
Naphthalene, 1,4,6-trimethyl-	2131-42-2	ST02SEMI	36210	C13H14	170	92











Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

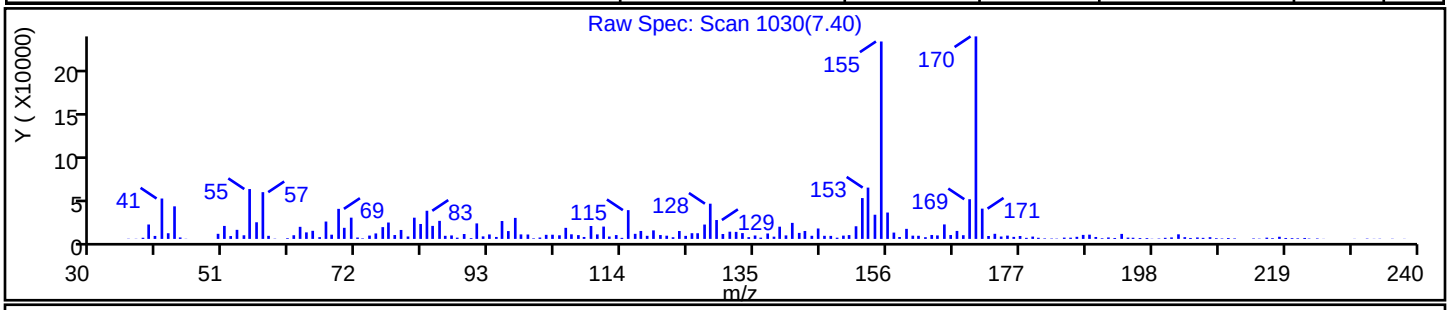
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

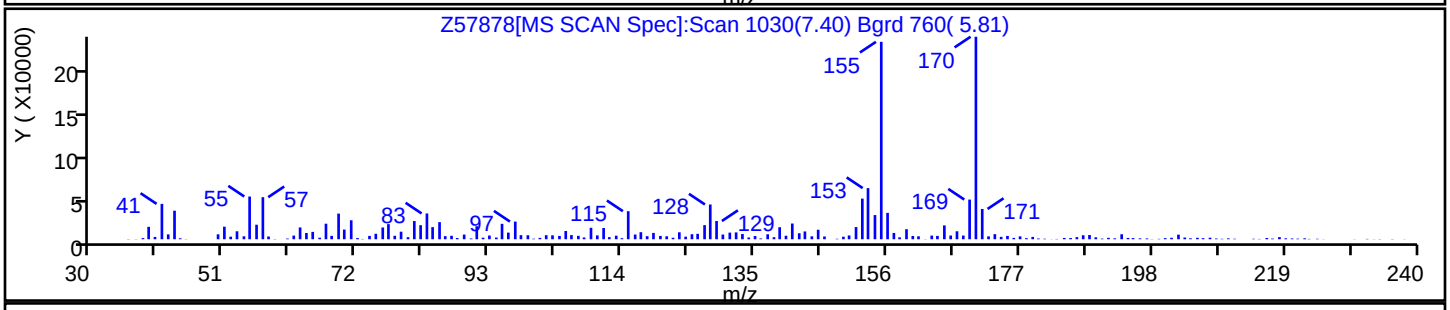
Injection Vol: 1.0 ul Dil. Factor: 1.0000

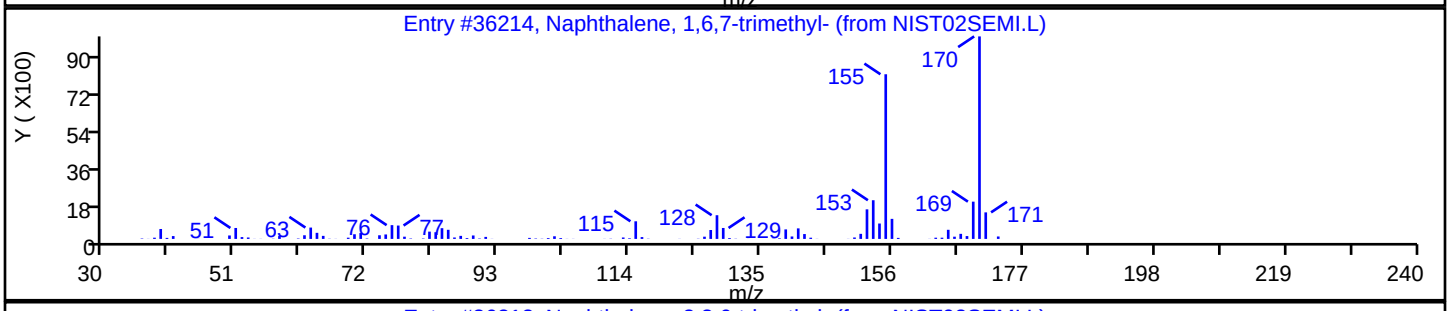
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

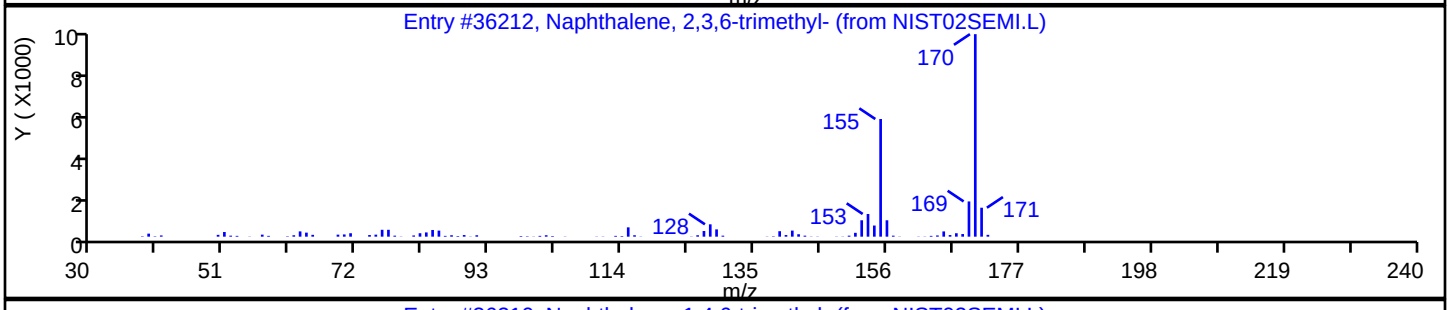
Column: Detector MS SCAN

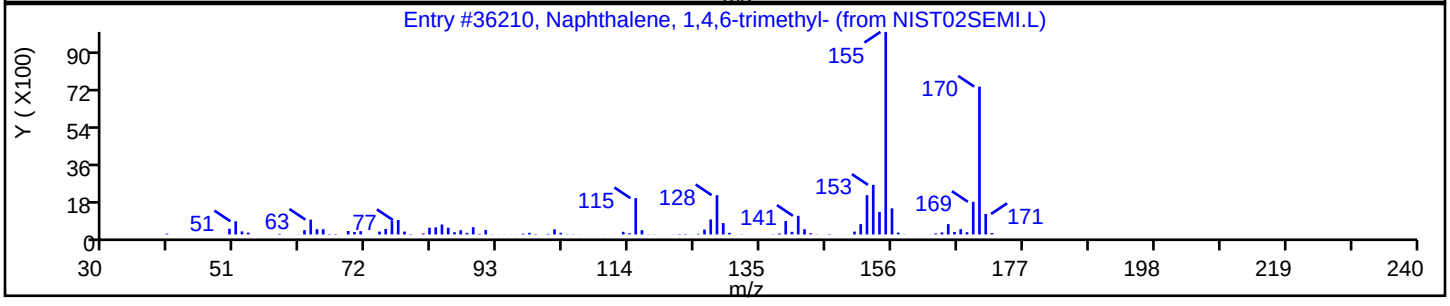
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	ST02SEMI	36214	C13H14	170	98
Naphthalene, 2,3,6-trimethyl-	829-26-5	ST02SEMI	36212	C13H14	170	97
Naphthalene, 1,4,6-trimethyl-	2131-42-2	ST02SEMI	36210	C13H14	170	97







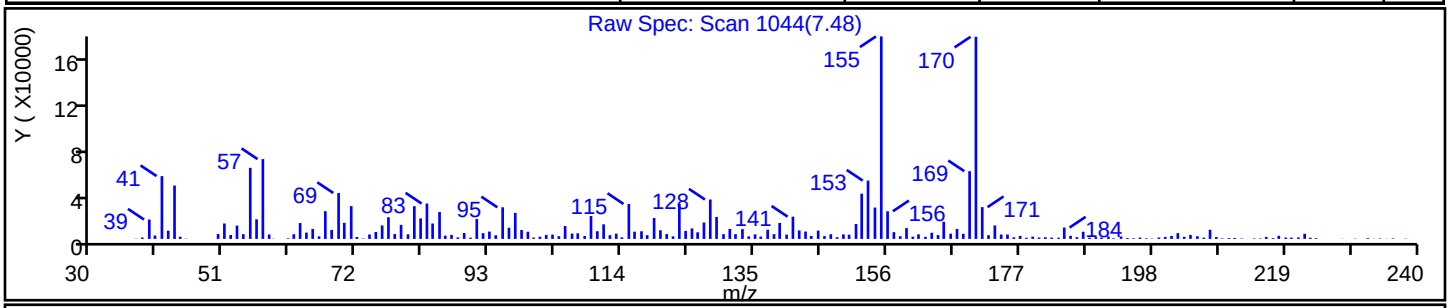


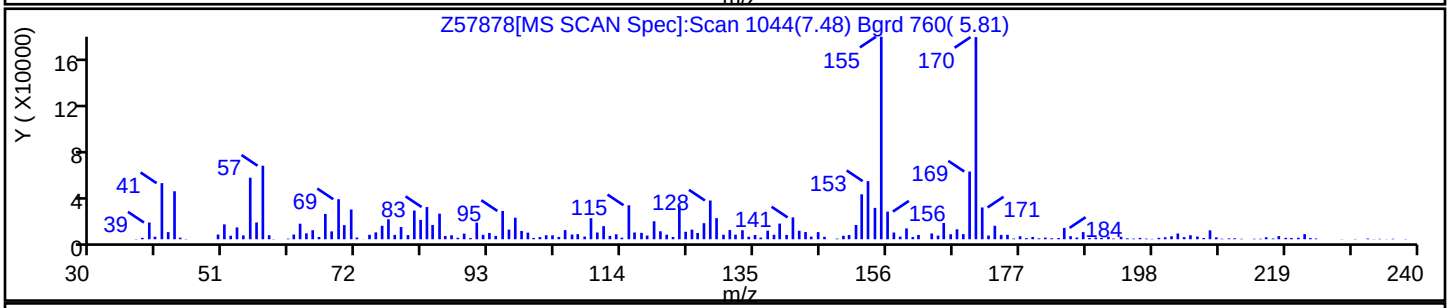


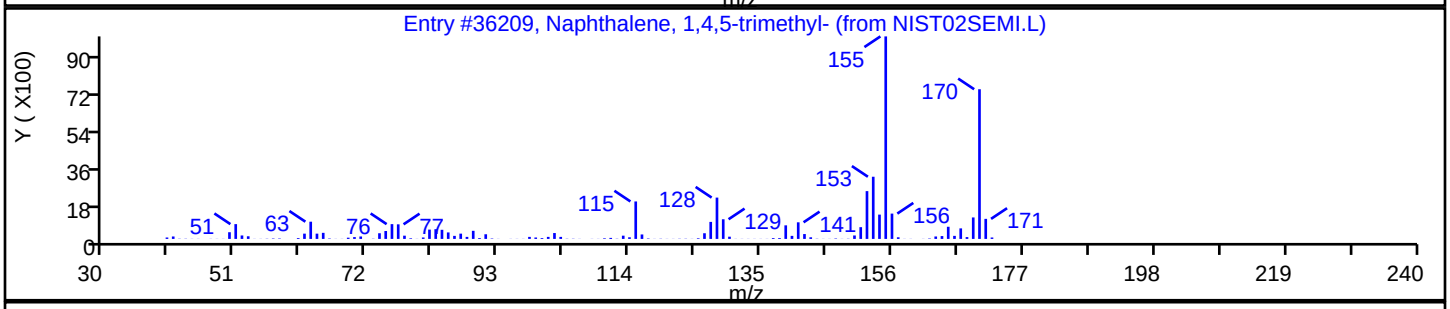
Eurofins TestAmerica, Edison

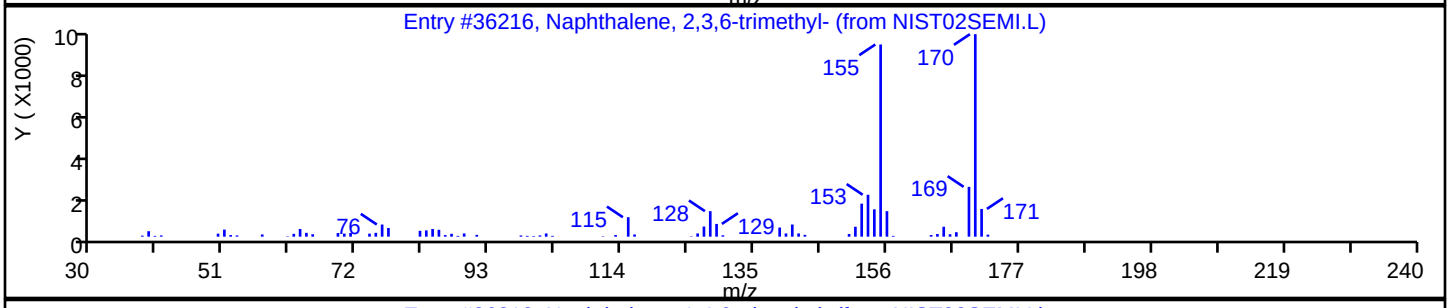
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d
Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11
Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7
Client ID: SB-07_6-8_20200827
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

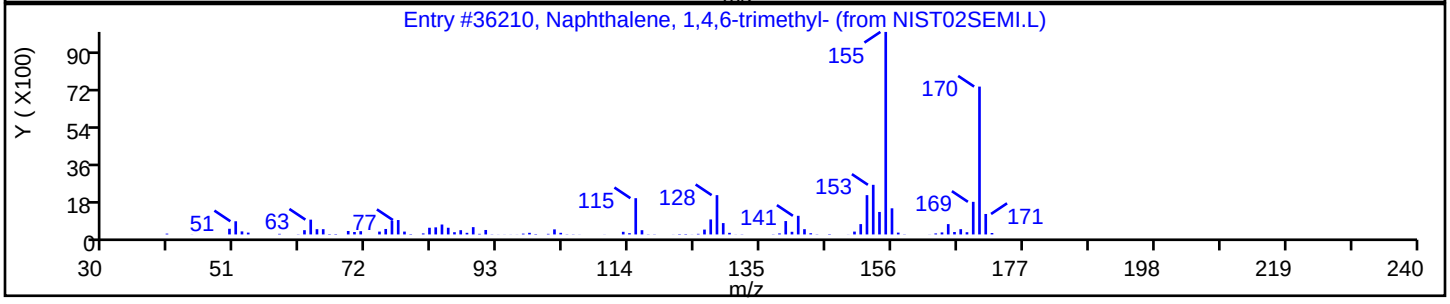
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,4,5-trimethyl-	2131-41-1	ST02SEMI	36209	C13H14	170	97
Naphthalene, 2,3,6-trimethyl-	829-26-5	ST02SEMI	36216	C13H14	170	97
Naphthalene, 1,4,6-trimethyl-	2131-42-2	ST02SEMI	36210	C13H14	170	96









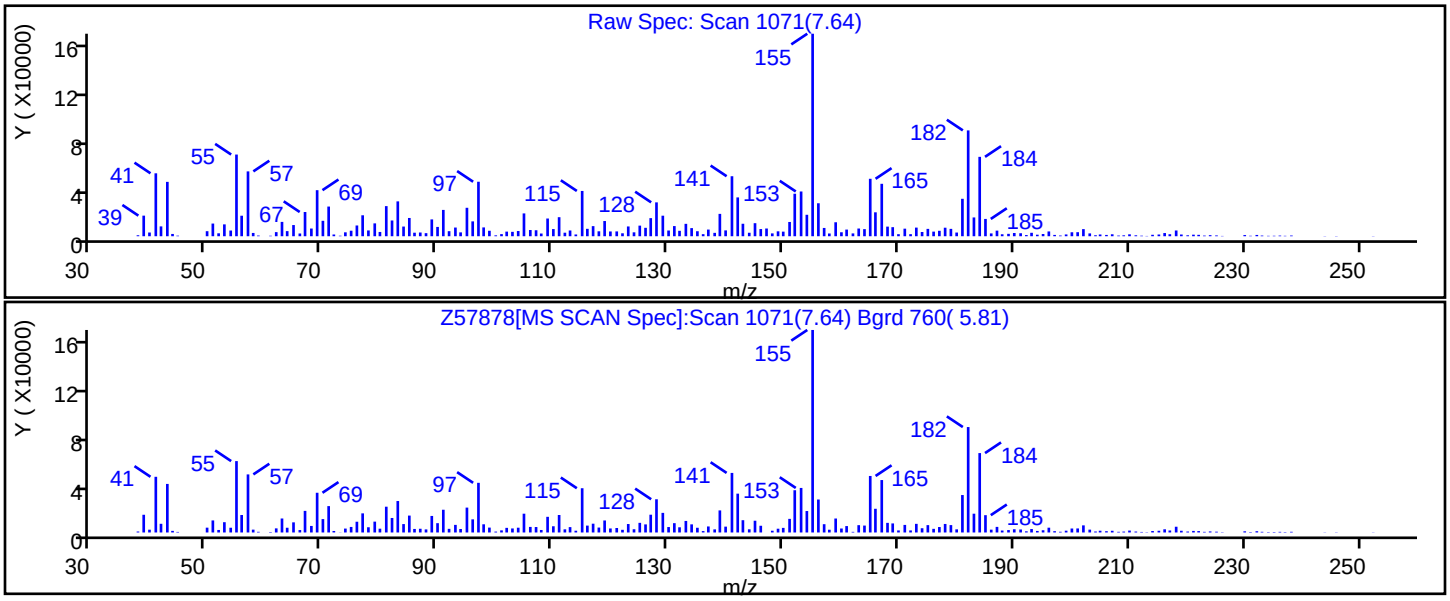


Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

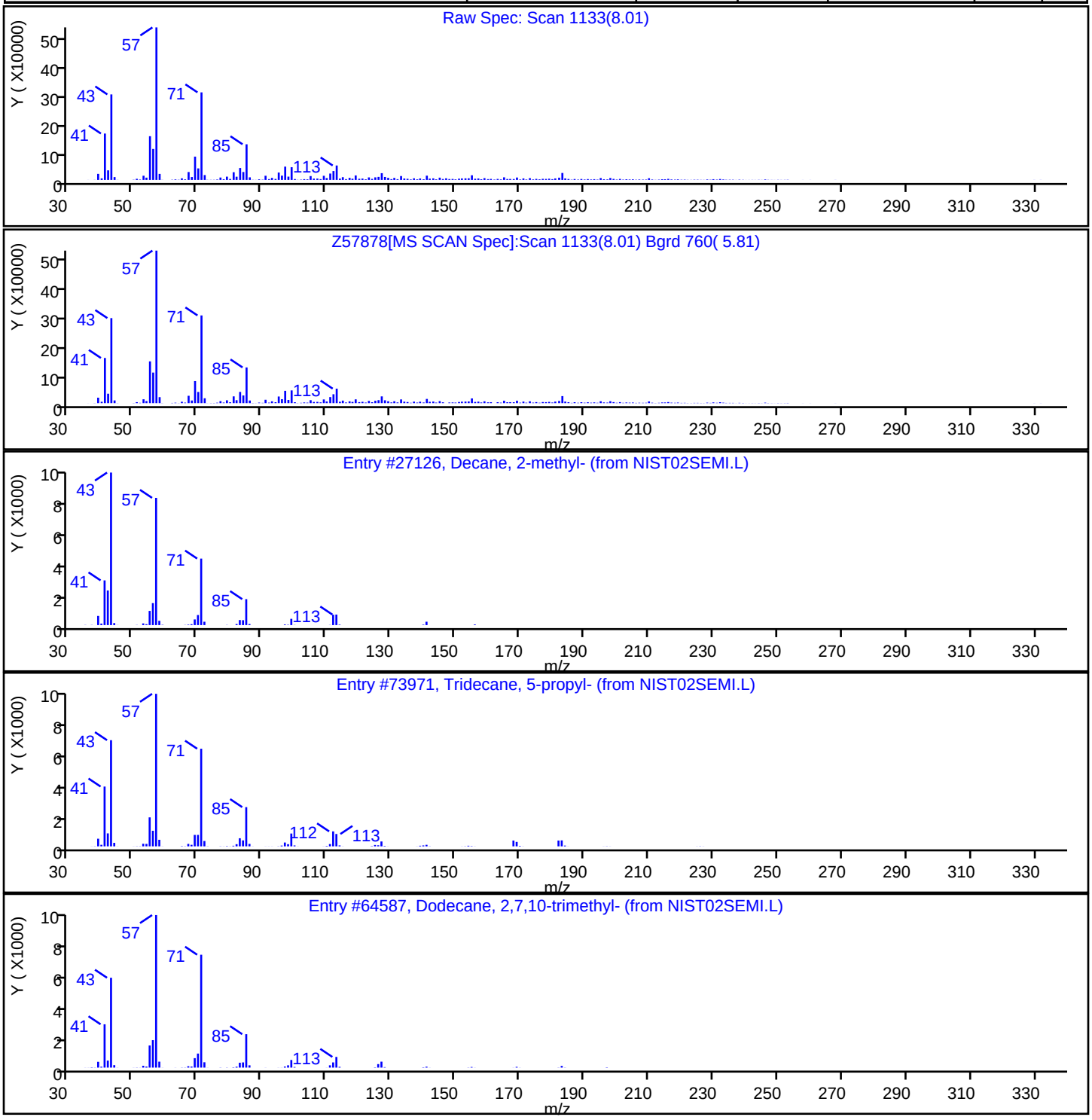
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

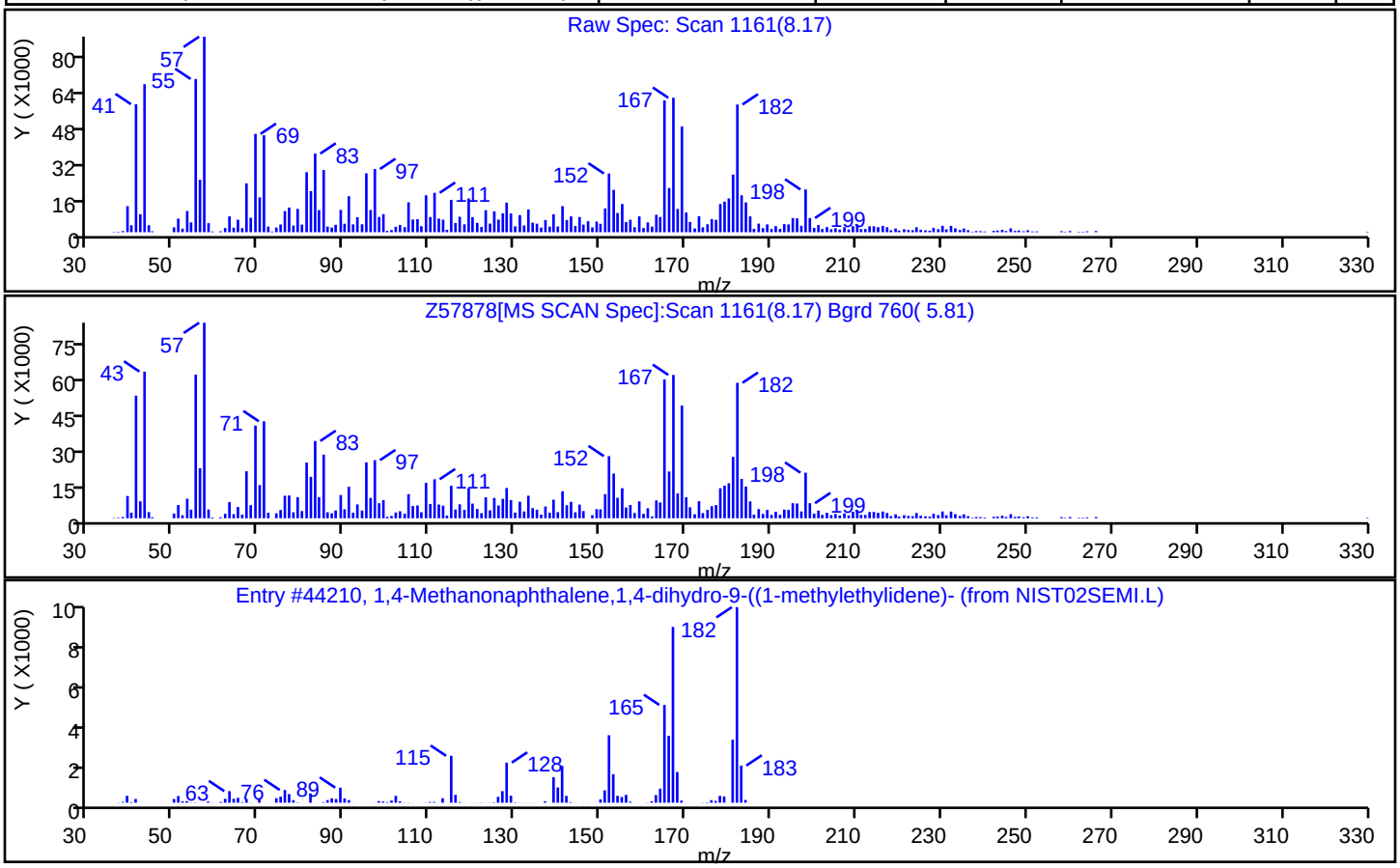
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 2-methyl-	6975-98-0	ST02SEMI	27126	C11H24	156	87
Tridecane, 5-propyl-	55045-11-9	ST02SEMI	73971	C16H34	226	87
Dodecane, 2,7,10-trimethyl-	74645-98-0	ST02SEMI	64587	C15H32	212	86



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,4-Methanonaphthalene,1,4-dihydro-9-((1-methyle	7350-72-3	ST02SEMI	44210	C14H14	182	95



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

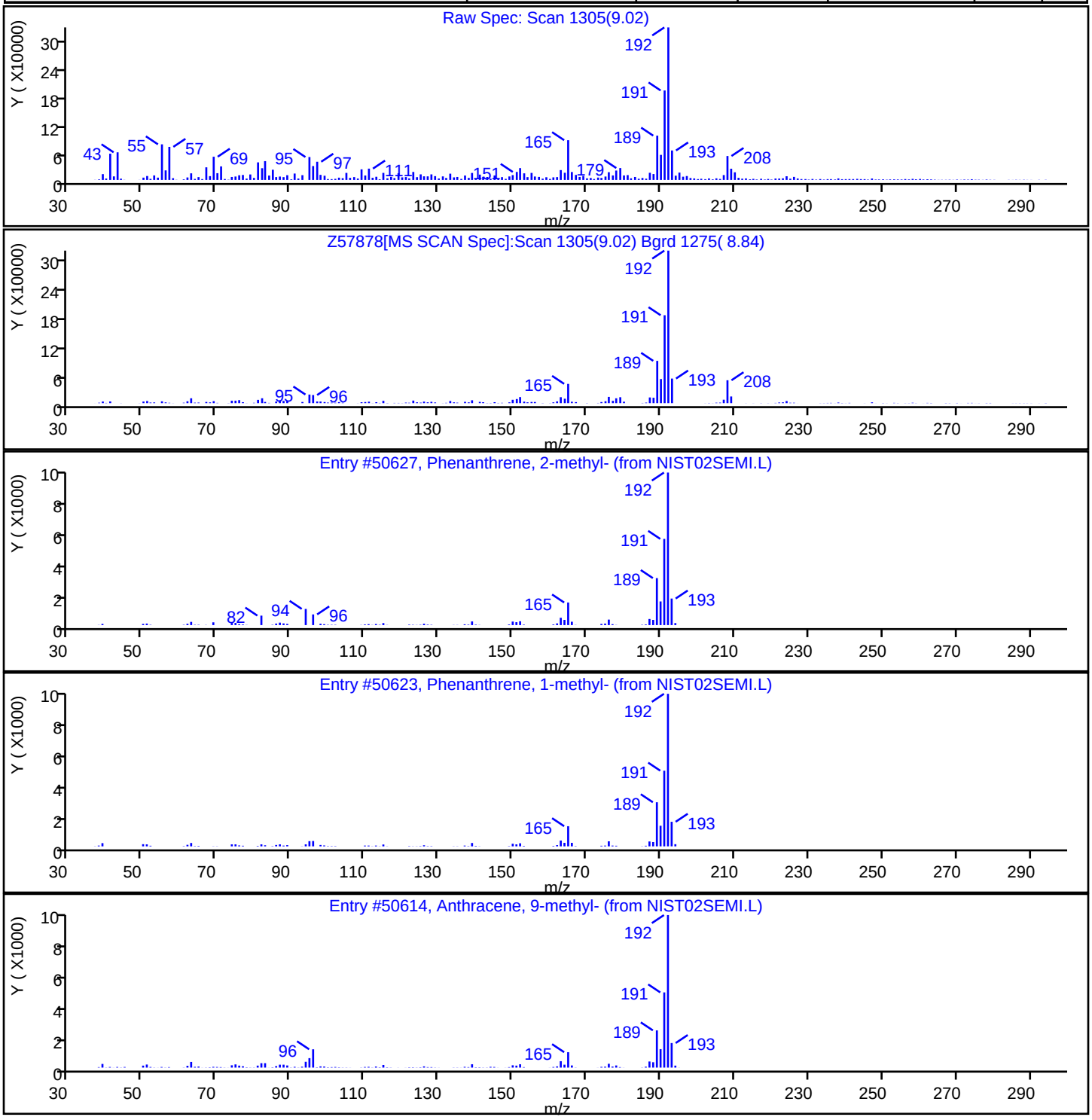
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2-methyl-	2531-84-2	ST02SEMI	50627	C15H12	192	96
Phenanthrene, 1-methyl-	832-69-9	ST02SEMI	50623	C15H12	192	94
Anthracene, 9-methyl-	779-02-2	ST02SEMI	50614	C15H12	192	90



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

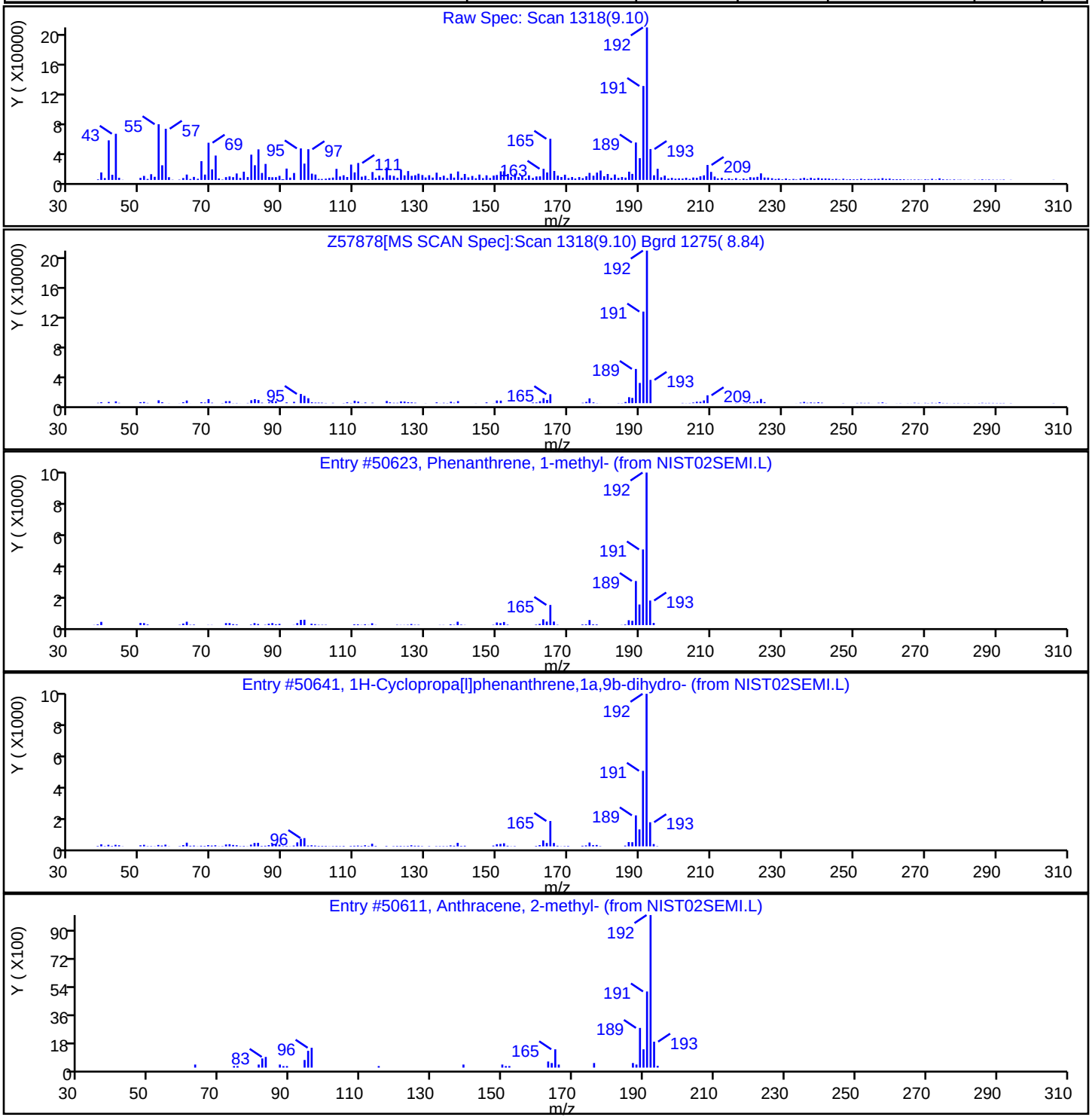
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 1-methyl-	832-69-9	ST02SEMI	50623	C15H12	192	90
1H-Cyclopropa[l]phenanthrene,1a,9b-dihydro-	949-41-7	ST02SEMI	50641	C15H12	192	90
Anthracene, 2-methyl-	613-12-7	ST02SEMI	50611	C15H12	192	81



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

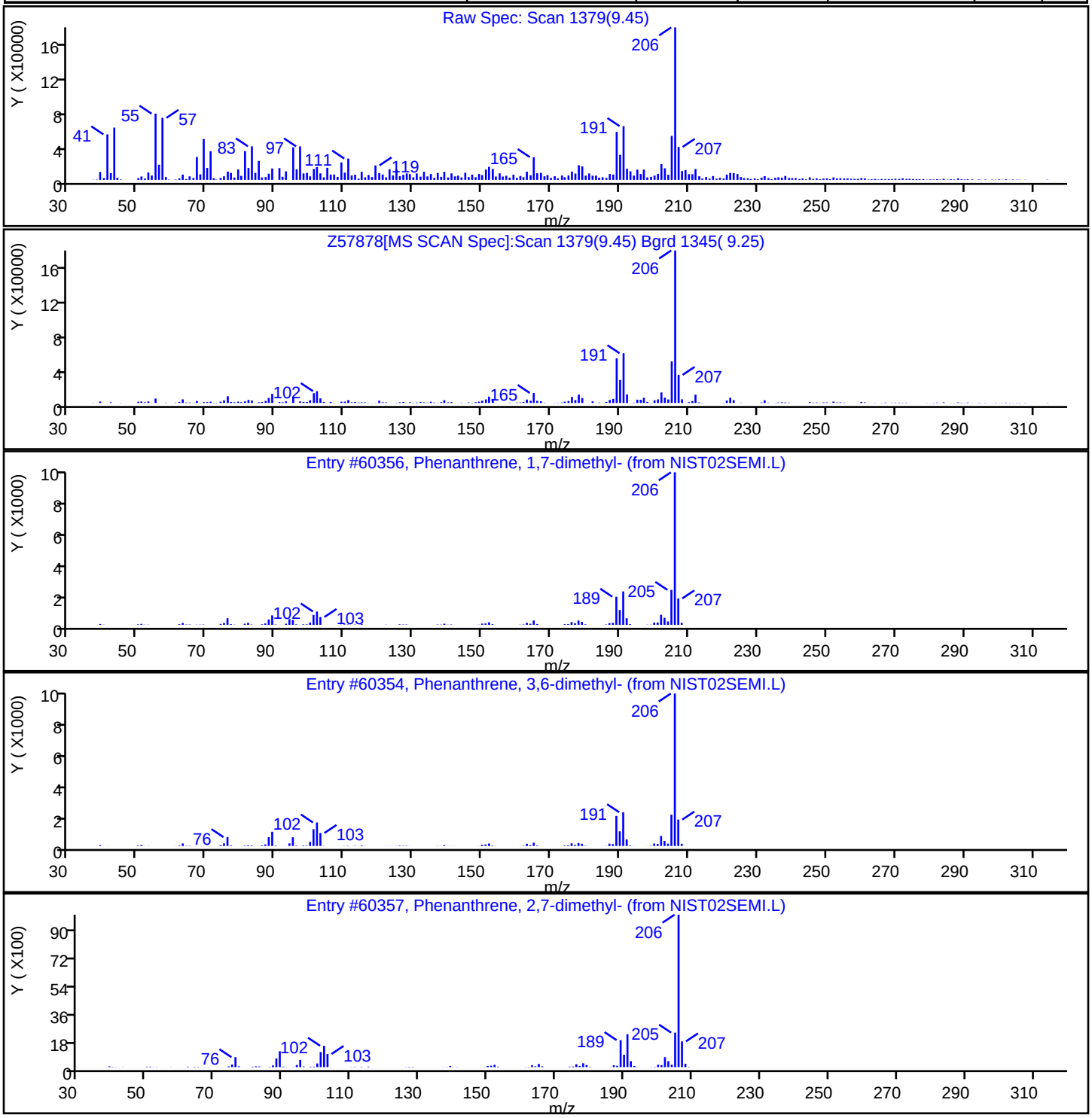
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 1,7-dimethyl-	483-87-4	ST02SEMI	60356	C16H14	206	93
Phenanthrene, 3,6-dimethyl-	1576-67-6	ST02SEMI	60354	C16H14	206	93
Phenanthrene, 2,7-dimethyl-	1576-69-8	ST02SEMI	60357	C16H14	206	93



Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS11

Lims ID: 460-217009-B-7-A Lab Sample ID: 460-217009-7

Client ID: SB-07_6-8_20200827

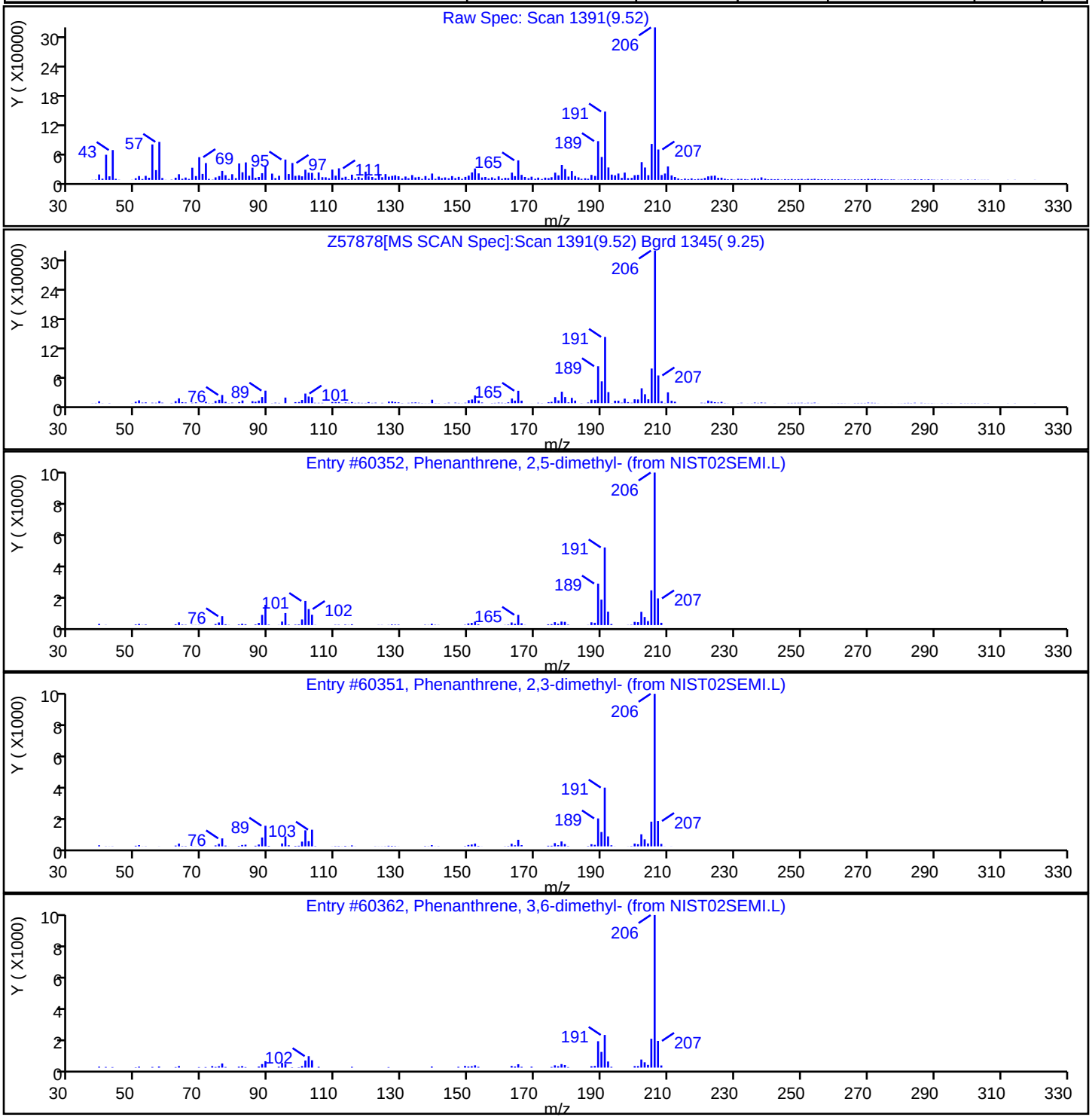
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2,5-dimethyl-	3674-66-6	ST02SEMI	60352	C16H14	206	97
Phenanthrene, 2,3-dimethyl-	3674-65-5	ST02SEMI	60351	C16H14	206	91
Phenanthrene, 3,6-dimethyl-	1576-67-6	ST02SEMI	60362	C16H14	206	91

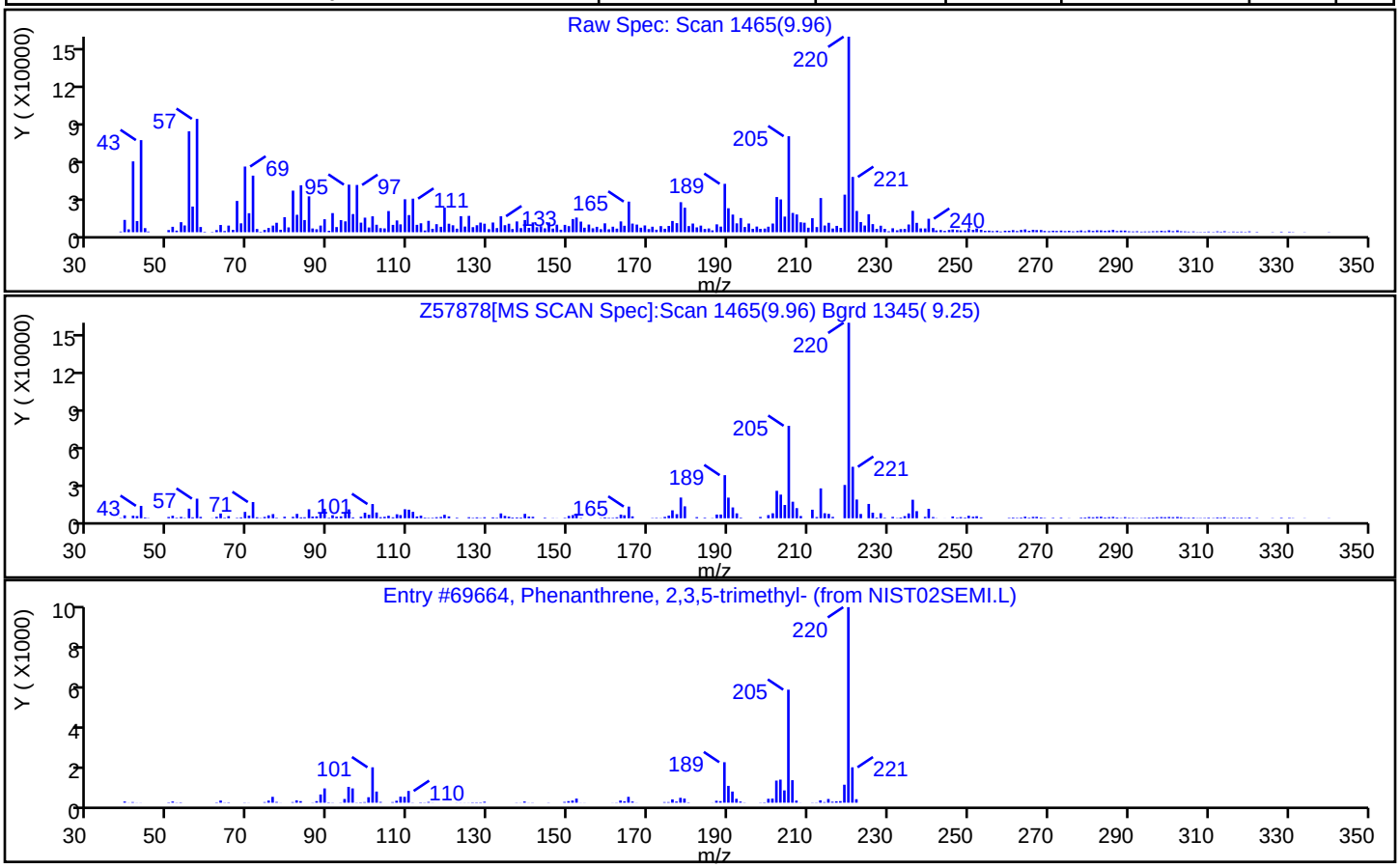


Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2,3,5-trimethyl-	3674-73-5	ST02SEMI	69664	C17H16	220	93

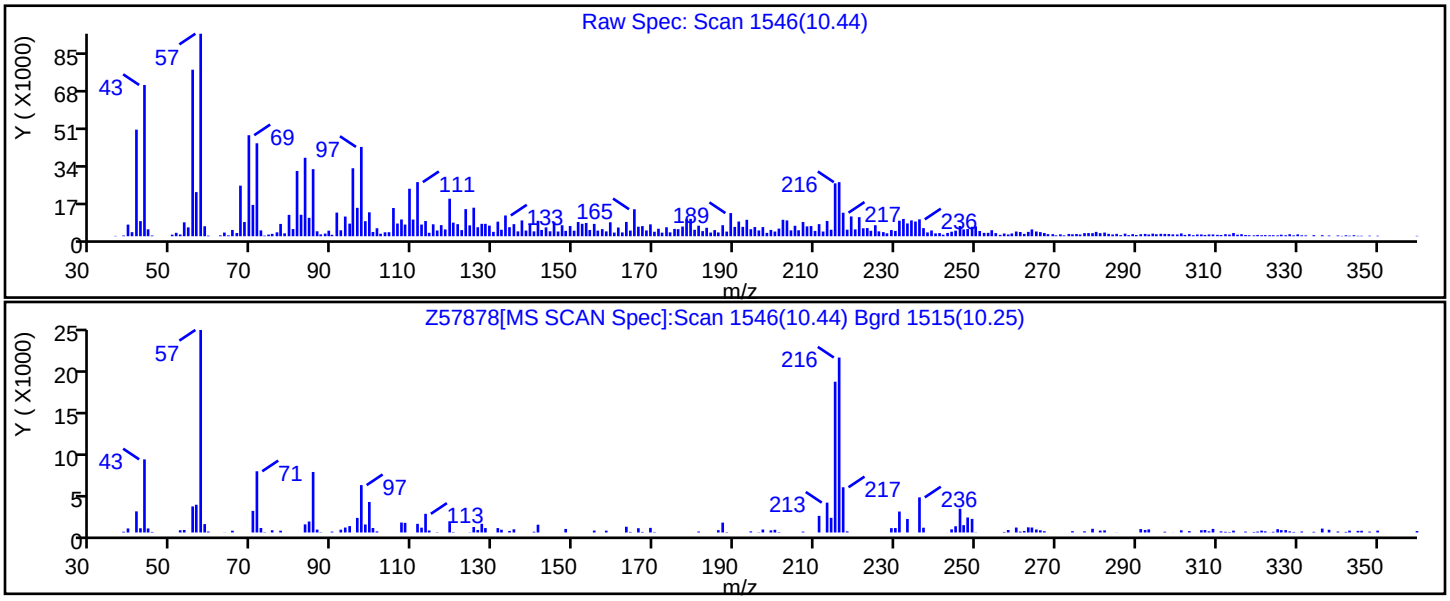


Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

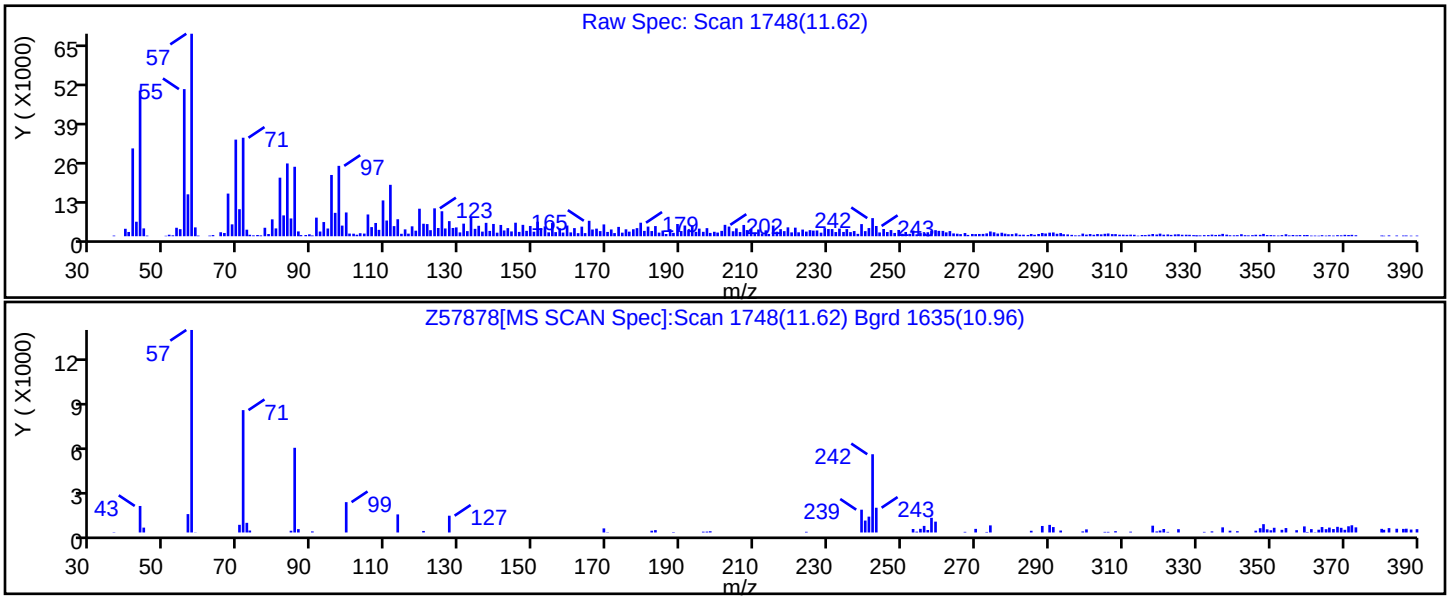


Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

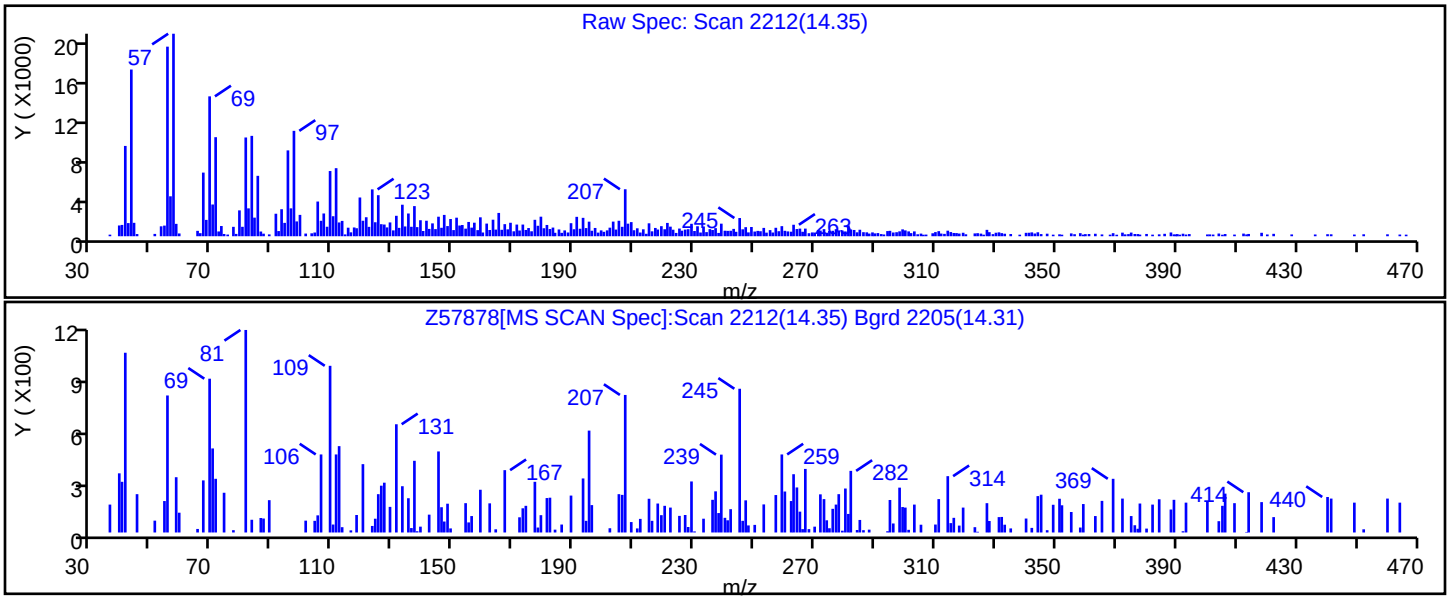


Report Date: 31-Aug-2020 11:27:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57878.d				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-B-7-A	Lab Sample ID:	460-217009-7		
Client ID:	SB-07_6-8_20200827				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_15-17_20200827 Lab Sample ID: 460-217009-8

Matrix: Solid Lab File ID: Z57879.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:10

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.34	0.0058
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0093	U	0.10	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.34	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0090	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.0087	U	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.0066	U	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0057	U	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0047	U	0.34	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_15-17_20200827 Lab Sample ID: 460-217009-8

Matrix: Solid Lab File ID: Z57879.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:10

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.077	U	0.34	0.077
84-74-2	Di-n-butyl phthalate	0.059	U	0.34	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.068	0.0072
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.097	U	0.14	0.097
91-20-3	Naphthalene	0.0058	U	0.34	0.0058
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064
85-01-8	Phenanthrene	0.0059	U	0.34	0.0059
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	64		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	63		19-105
1718-51-0	Terphenyl-d14 (Surr)	81		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_15-17_20200827 Lab Sample ID: 460-217009-8

Matrix: Solid Lab File ID: Z57879.d

Analysis Method: 8270D Date Collected: 08/27/2020 12:10

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 05:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.65	1.9	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d
Lims ID: 460-217009-E-8-A
Client ID: SB-07_15-17_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 05:56:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-015
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:29:24 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:52:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	98	536972	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	705656	31.5	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2087208	40.0	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	97	1431790	31.9	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	95	1200244	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2293990	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2060127	40.4	
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	1858518	40.0	
* 109 Perylene-d12	264	12.983	12.983	0.000	100	1527239	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Lims ID:	460-217009-E-8-A				
Client ID:	SB-07_15-17_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 05:56:30	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-015				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:29:24	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:52:43		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.648	2242639	27.8	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3229177	40.0

QC Flag Legend

Processing Flags

Reagents:

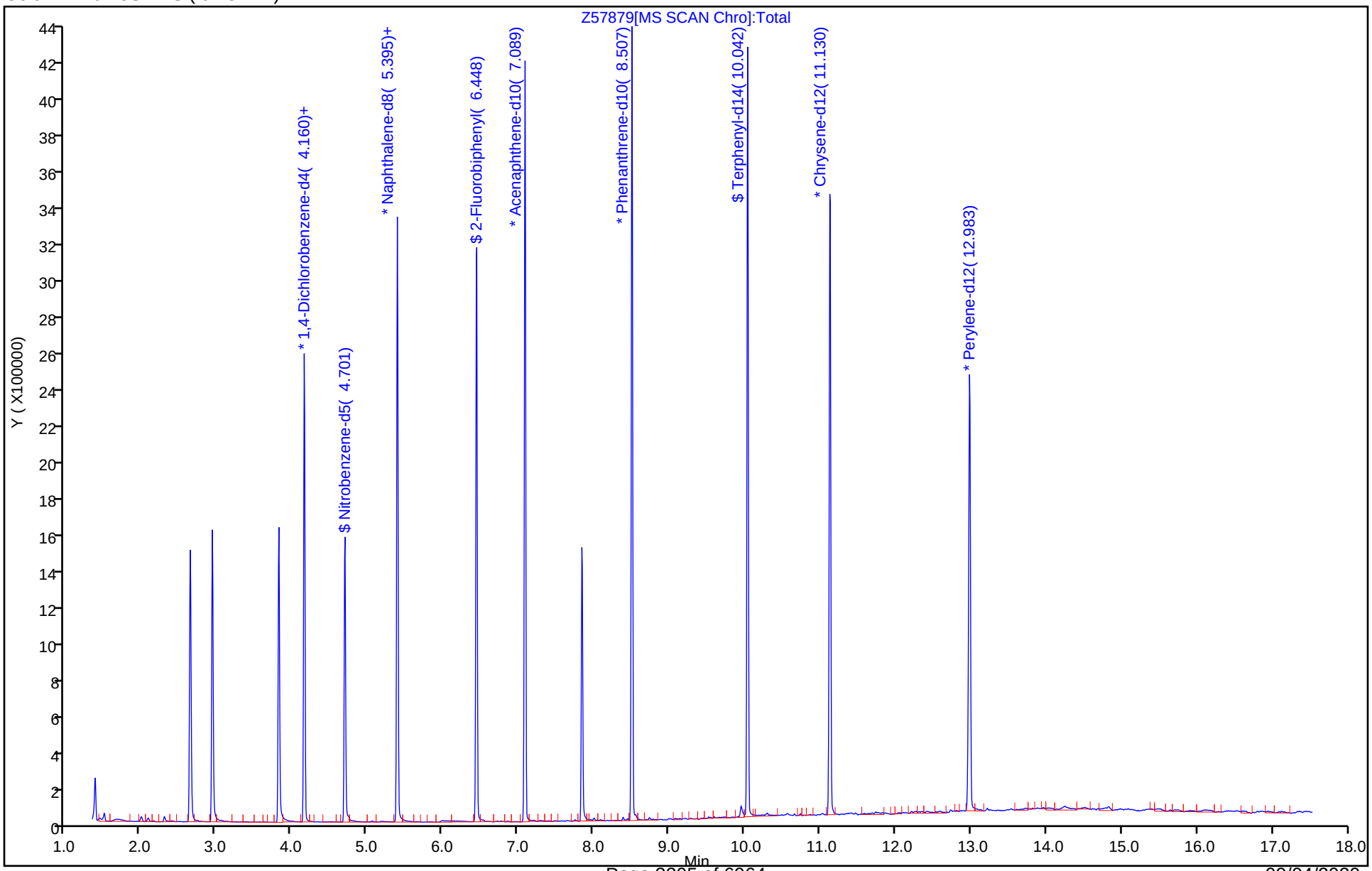
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:29:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8	Worklist Smp#:	15
Client ID:	SB-07_15-17_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



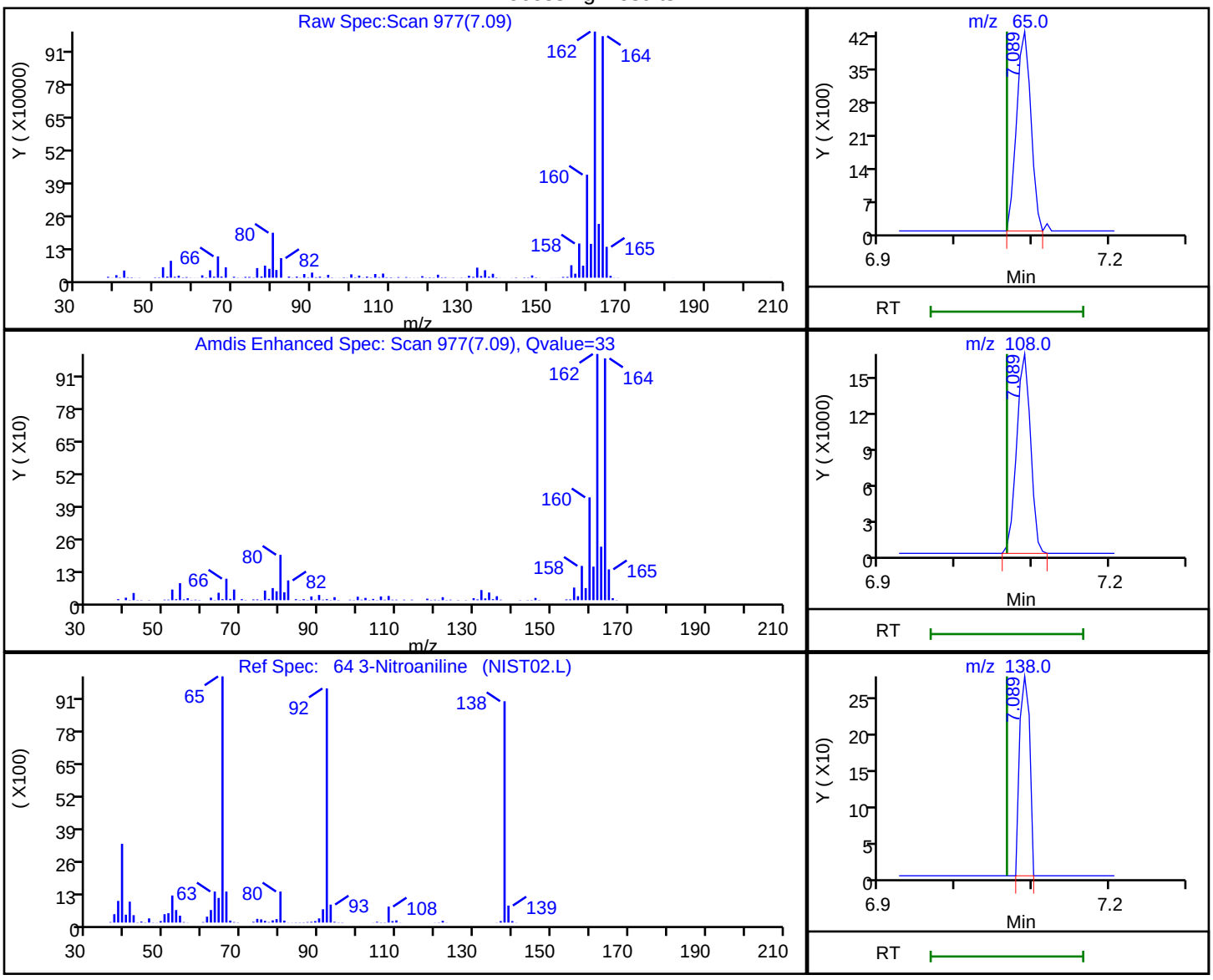
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	5485	0.338182
7.09	108.00	21052	
7.09	138.00	251	

Reviewer: hamziy, 29-Aug-2020 19:52:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

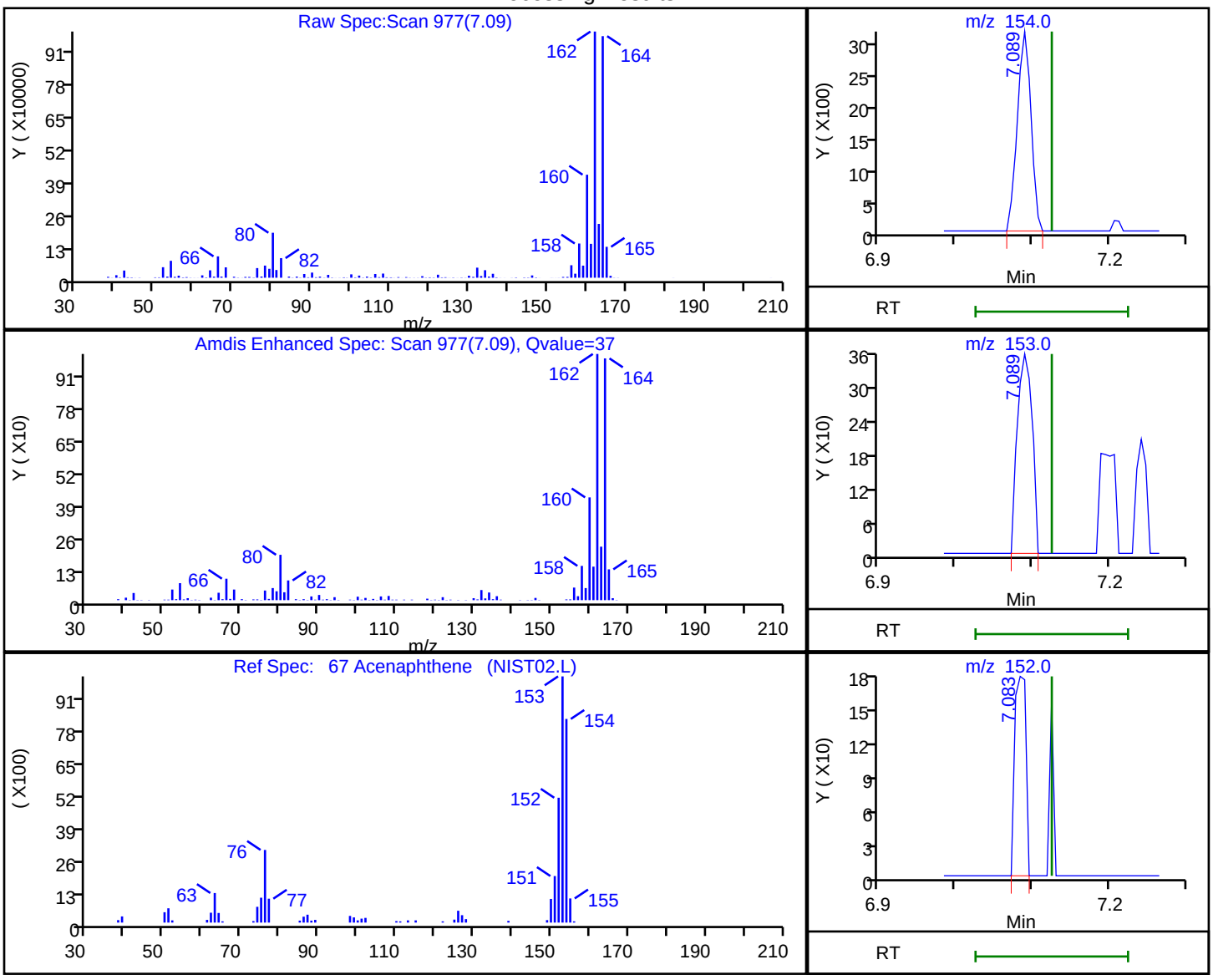
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.09	154.00	3895	0.099710
7.09	153.00	478	
7.08	152.00	181	

Reviewer: khlungprakhons, 31-Aug-2020 11:28:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

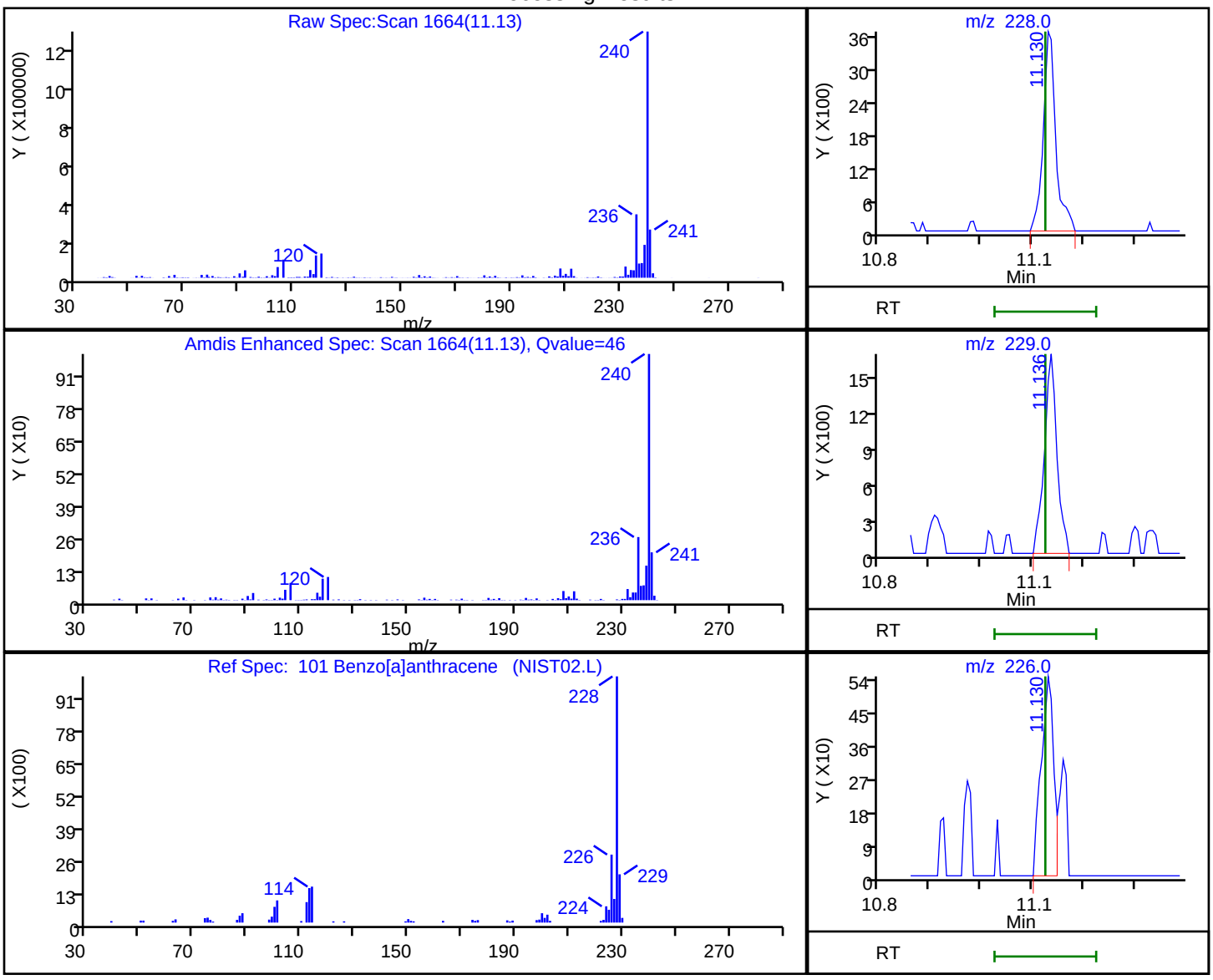
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.13	228.00	6315	0.095252
11.14	229.00	2911	
11.13	226.00	938	

Reviewer: khlungprakhons, 31-Aug-2020 11:28:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

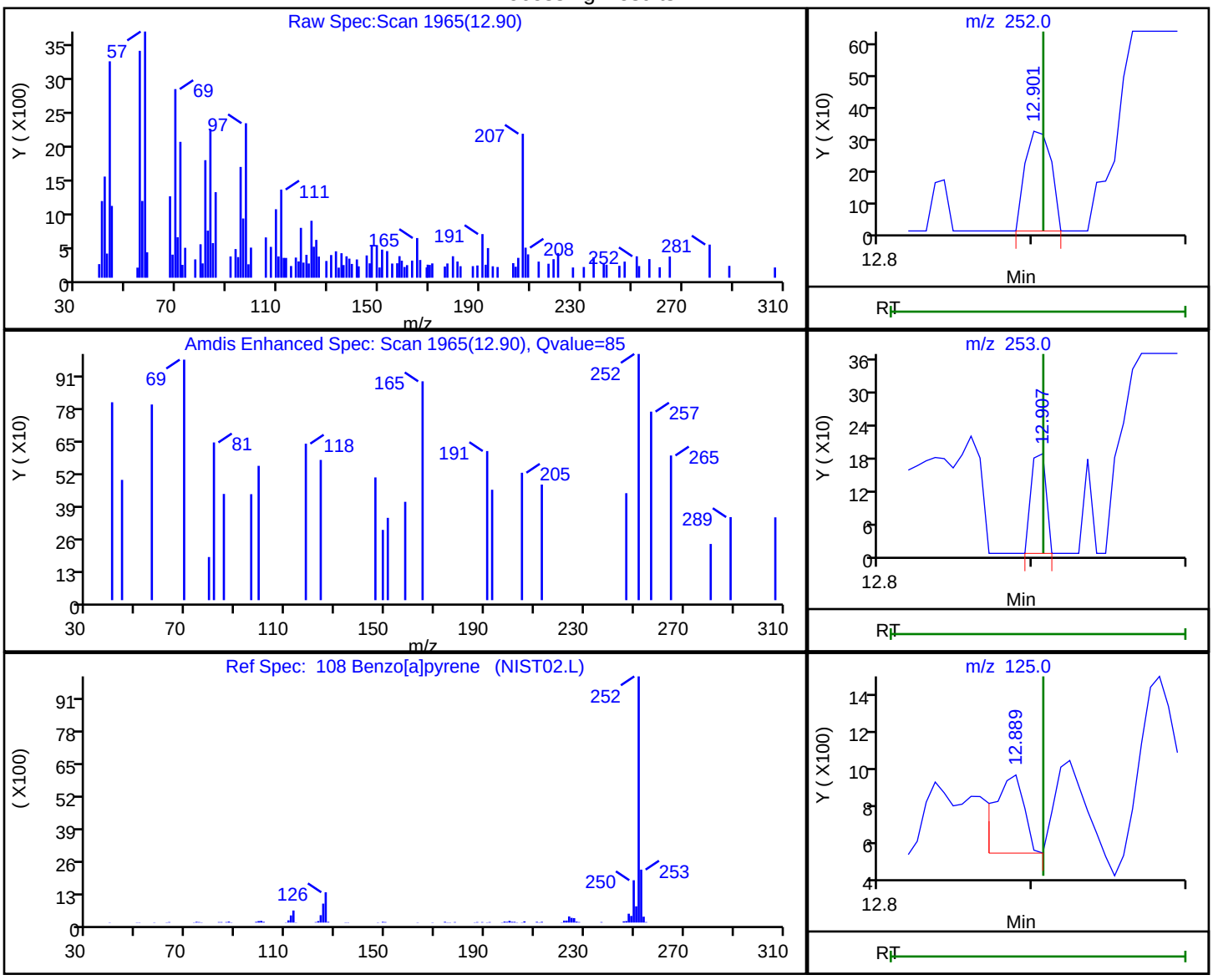
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.90	252.00	377	0.009326
12.91	253.00	126	
12.89	125.00	568	

Reviewer: khlungprakhons, 31-Aug-2020 11:29:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

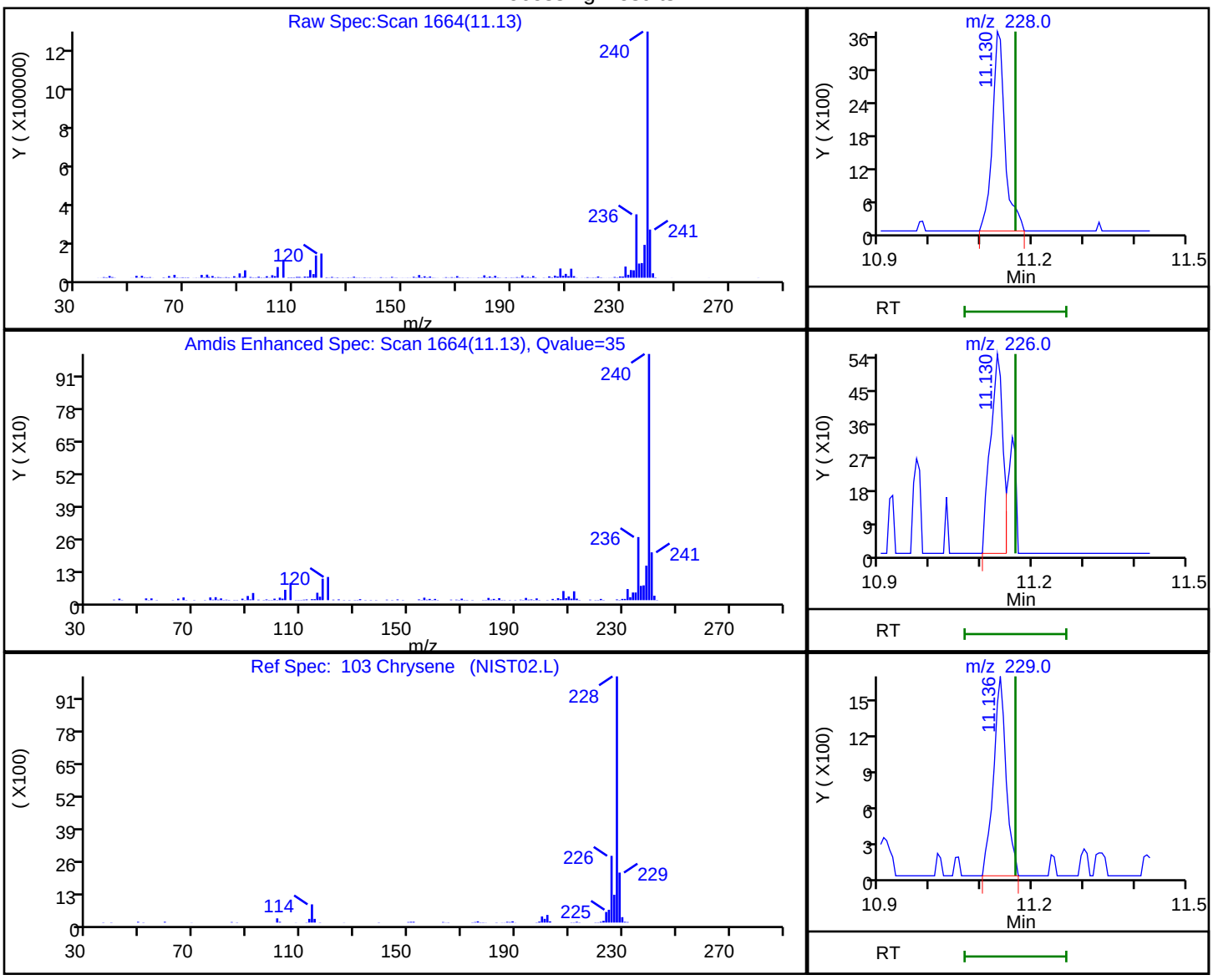
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.13	228.00	6315	0.098657
11.13	226.00	938	
11.14	229.00	2911	

Reviewer: khlungprakhons, 31-Aug-2020 11:28:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

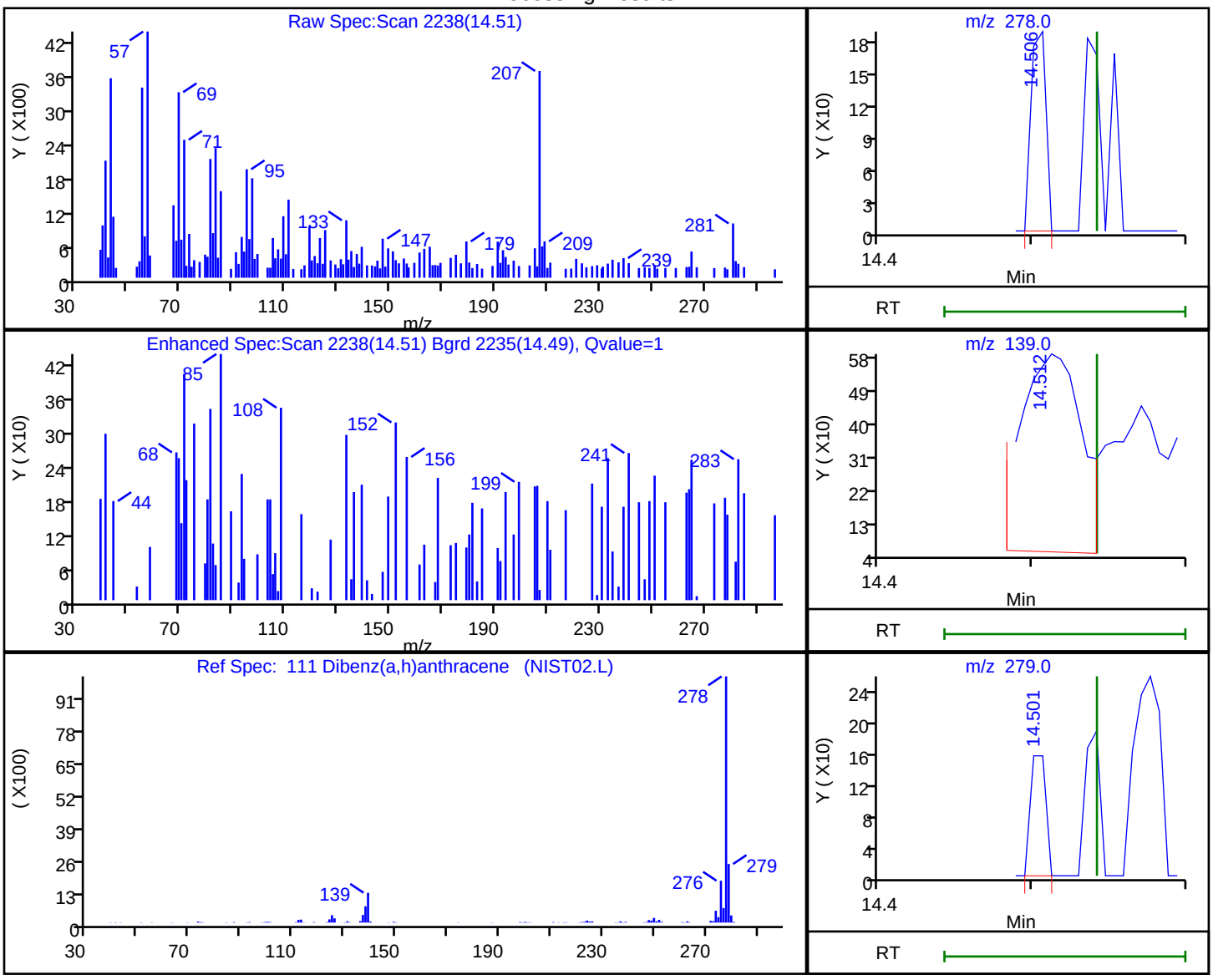
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Processing Results



RT	Mass	Response	Amount
14.51	278.00	123	0.003030
14.51	139.00	1525	
14.50	279.00	107	

Reviewer: hamziy, 29-Aug-2020 19:52:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

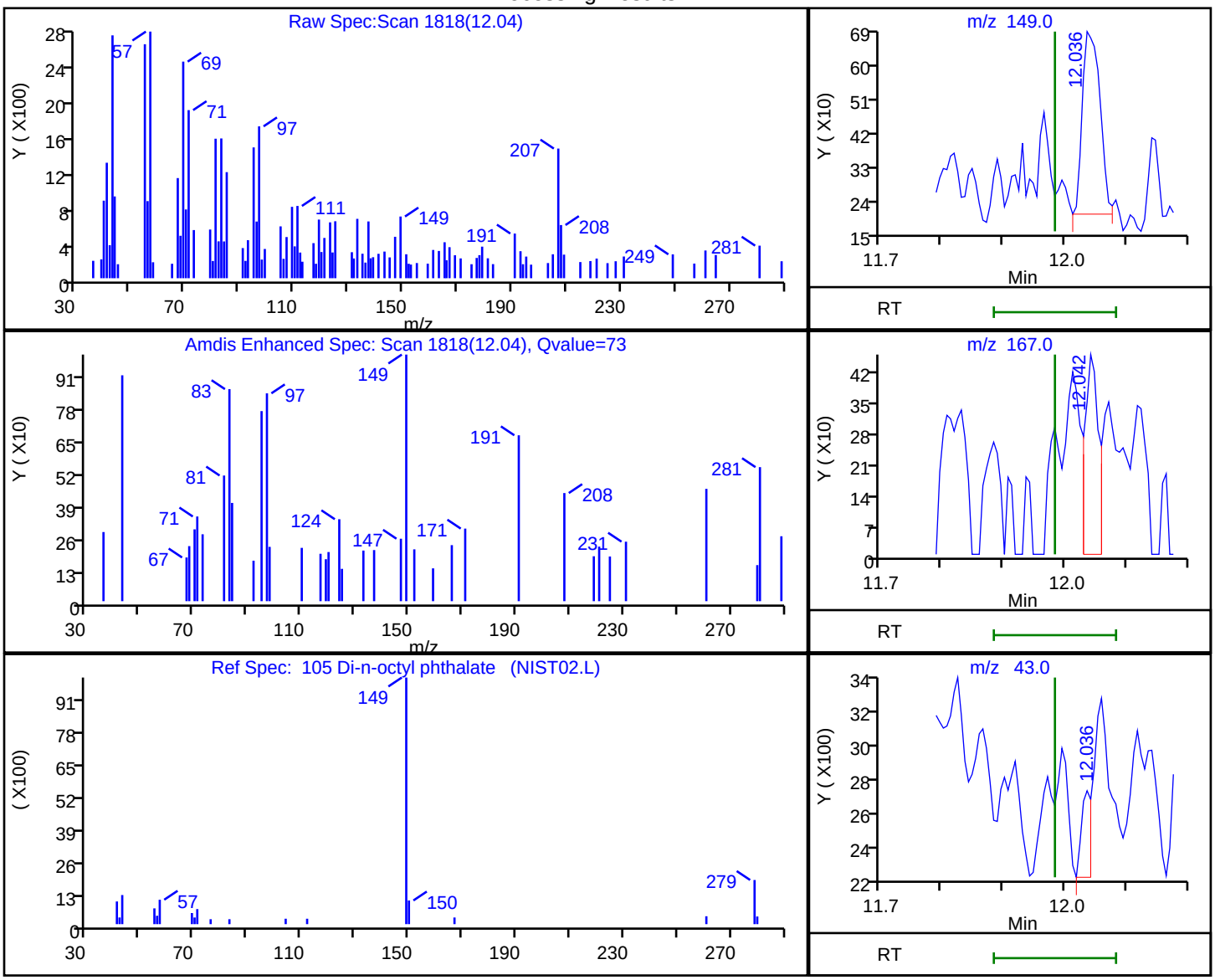
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.04	149.00	976	0.017721
12.04	167.00	711	
12.04	43.00	511	

Reviewer: hamziy, 29-Aug-2020 19:52:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

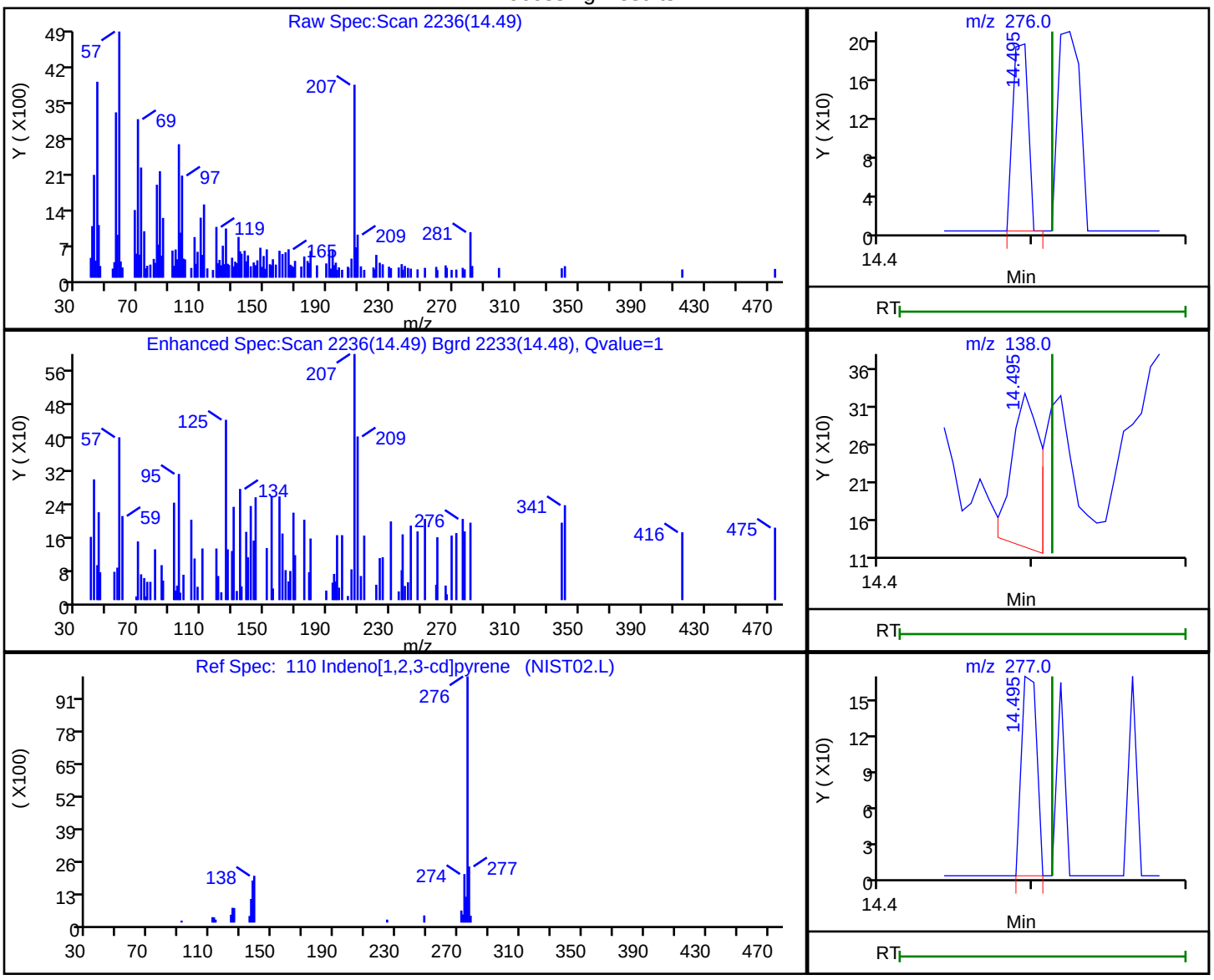
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d				
Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Processing Results



RT	Mass	Response	Amount
14.49	276.00	137	0.003239
14.49	138.00	265	
14.49	277.00	115	

Reviewer: hamziy, 29-Aug-2020 19:52:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

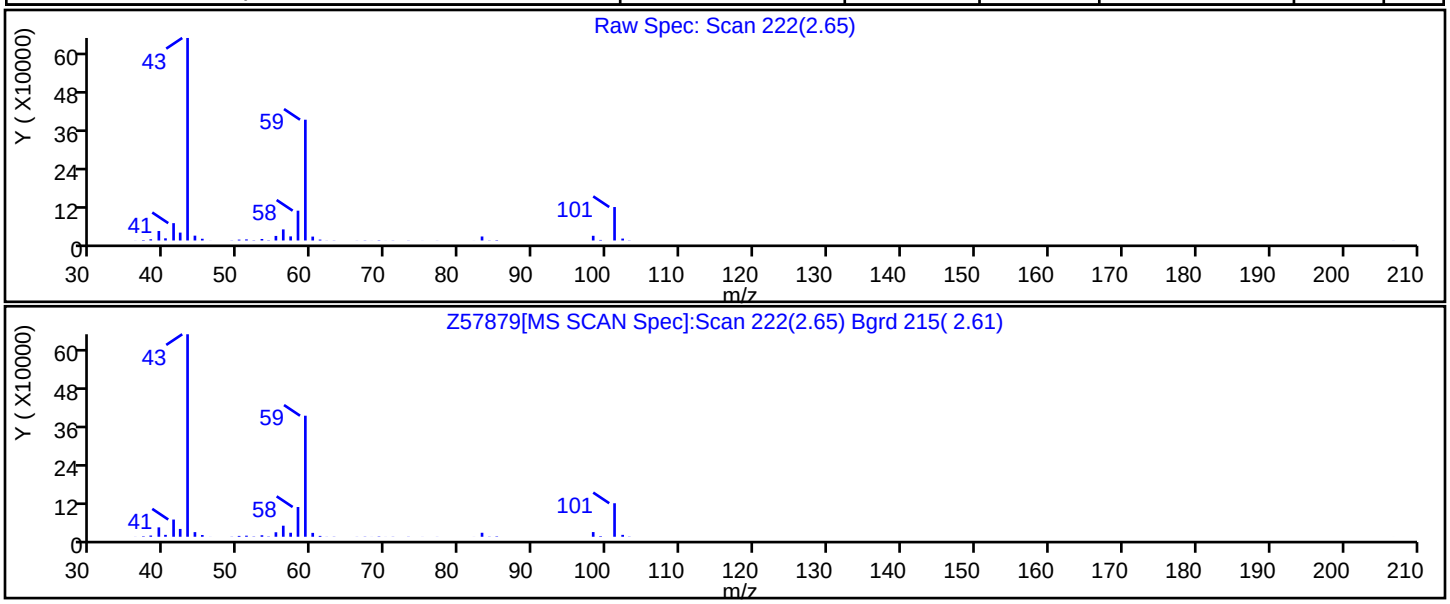
Report Date: 31-Aug-2020 11:29:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57879.d

Injection Date:	29-Aug-2020 05:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-8-A	Lab Sample ID:	460-217009-8		
Client ID:	SB-07_15-17_20200827				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_3-5_20200827 Lab Sample ID: 460-217009-9

Matrix: Solid Lab File ID: Z57880.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:45

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 06:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.34	0.0058
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0093	U	0.10	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.34	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0090	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.0087	U	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.0066	U	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0057	U	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0047	U	0.34	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_3-5_20200827 Lab Sample ID: 460-217009-9

Matrix: Solid Lab File ID: Z57880.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:45

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 06:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.077	U	0.34	0.077
84-74-2	Di-n-butyl phthalate	0.060	U	0.34	0.060
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.068	0.0072
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.098	U	0.14	0.098
91-20-3	Naphthalene	0.0058	U	0.34	0.0058
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025
86-30-6	N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065
85-01-8	Phenanthrene	0.0059	U	0.34	0.0059
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	59		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	58		19-105
1718-51-0	Terphenyl-d14 (Surr)	72		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_3-5_20200827 Lab Sample ID: 460-217009-9

Matrix: Solid Lab File ID: Z57880.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:45

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 06:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.65	1.4	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d
Lims ID: 460-217009-E-9-A
Client ID: SB-06_3-5_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 06:20:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-016
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:30:33 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:53:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.166	4.160	0.006	98	618322	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	732865	28.9	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2362069	40.0	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	97	1471157	29.6	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1327930	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2557090	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2086133	36.2	
101 Benzo[a]anthracene	228	11.130	11.124	0.005	87	10927	0.1462	
* 102 Chrysene-d12	240	11.136	11.136	0.000	99	2095629	40.0	
103 Chrysene	228	11.160	11.160	-0.006	94	5628	0.0780	M
104 Bis(2-ethylhexyl) phthalate	149	11.177	11.172	0.005	83	7943	0.1654	
106 Benzo[b]fluoranthene	252	12.465	12.466	-0.001	96	6568	0.1205	M
108 Benzo[a]pyrene	252	12.901	12.907	-0.006	93	3327	0.0728	
* 109 Perylene-d12	264	12.983	12.983	0.000	99	1726088	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.507	14.512	-0.007	92	2813	0.0589	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Lims ID:	460-217009-E-9-A				
Client ID:	SB-06_3-5_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 06:20:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-016				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:30:33	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:53:23		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.648	1923442	20.8	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.166	3701679	40.0

QC Flag Legend

Processing Flags

Reagents:

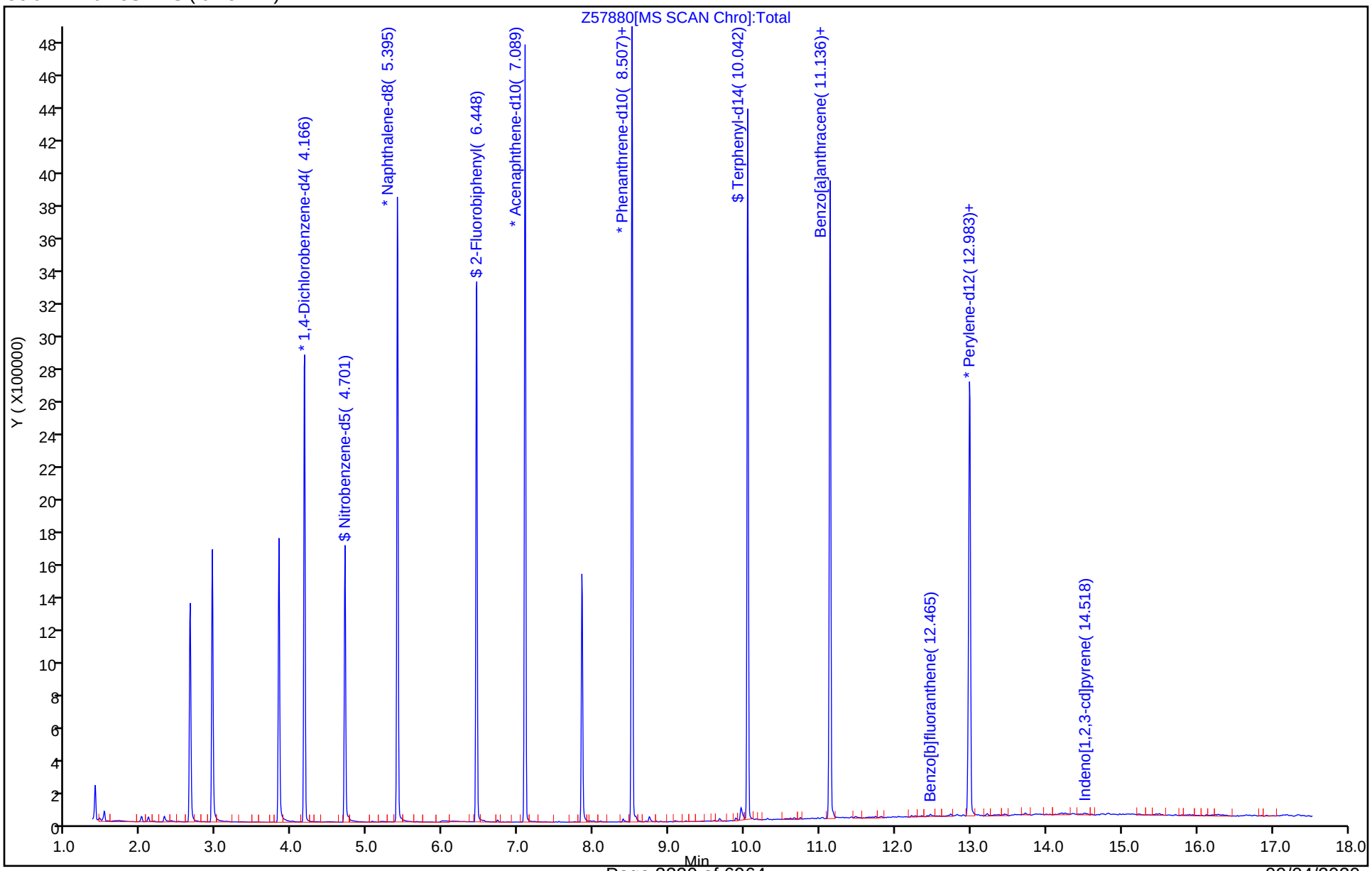
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:30:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9	Worklist Smp#:	16
Client ID:	SB-06_3-5_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



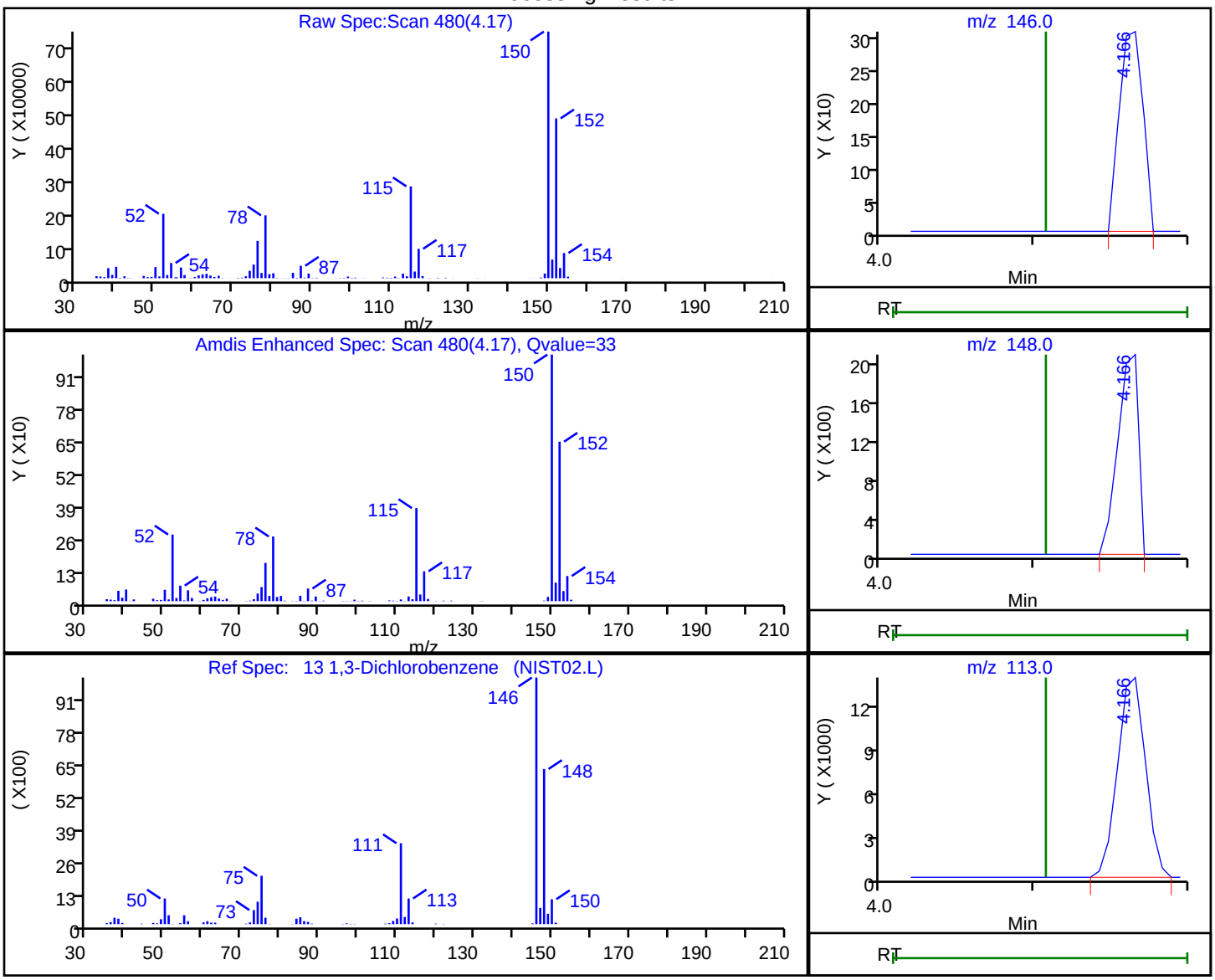
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
4.17	146.00	332	0.013520
4.17	148.00	1946	
4.17	113.00	17577	

Reviewer: khlungprakhons, 31-Aug-2020 11:29:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

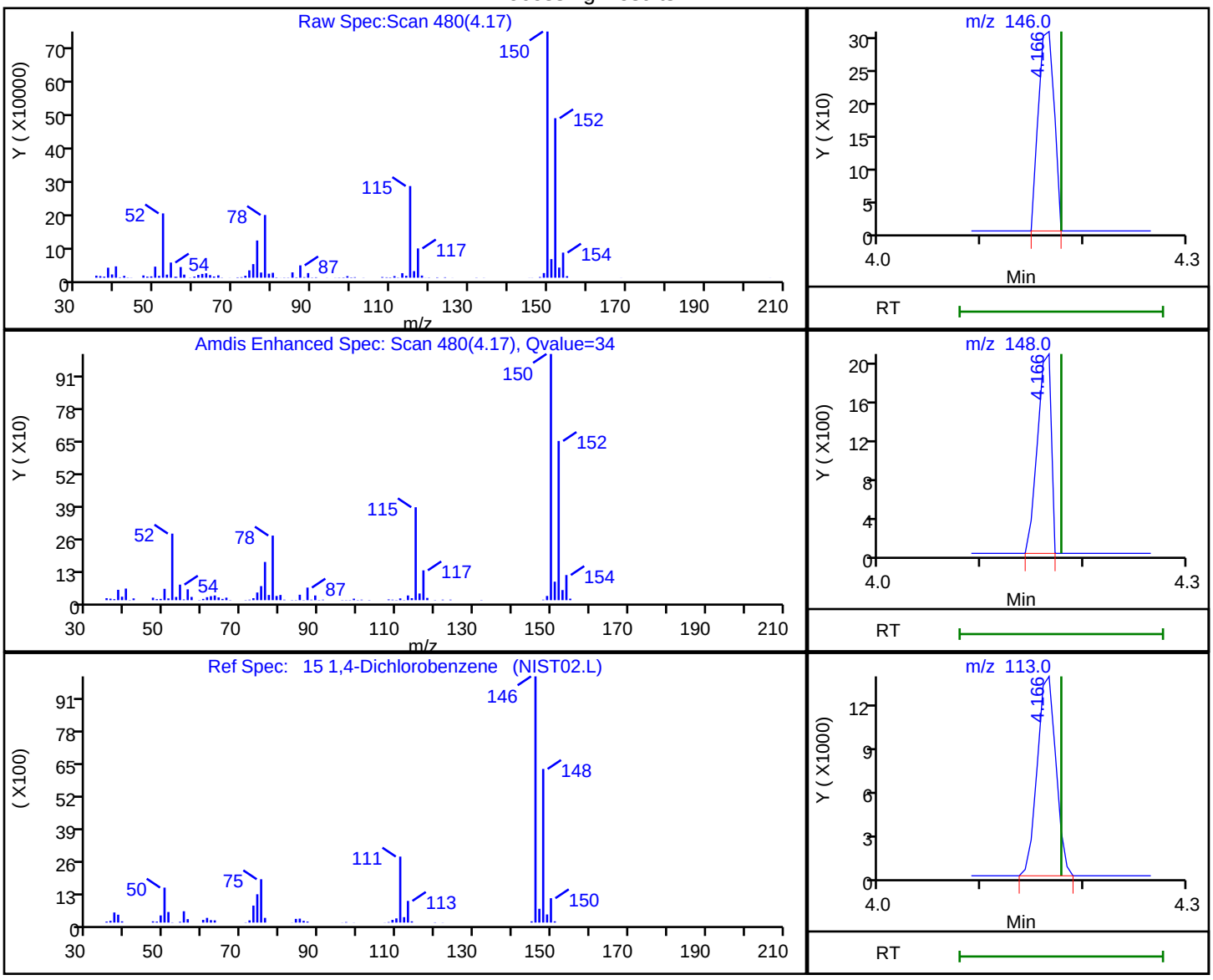
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
4.17	146.00	332	0.013266
4.17	148.00	1946	
4.17	113.00	17577	

Reviewer: khlungprakhons, 31-Aug-2020 11:29:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

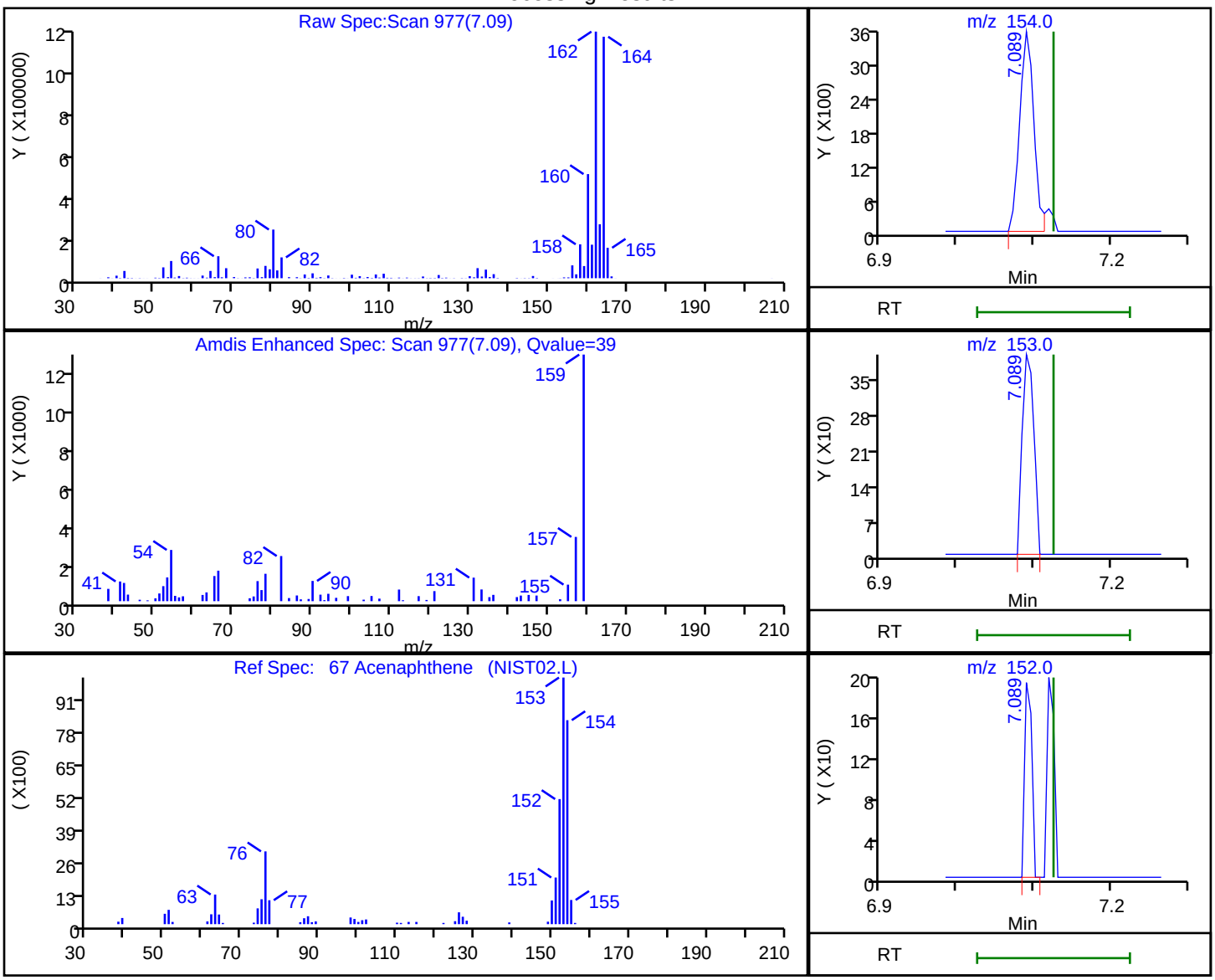
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.09	154.00	4581	0.105995
7.09	153.00	414	
7.09	152.00	124	

Reviewer: khlungprakhons, 31-Aug-2020 11:29:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

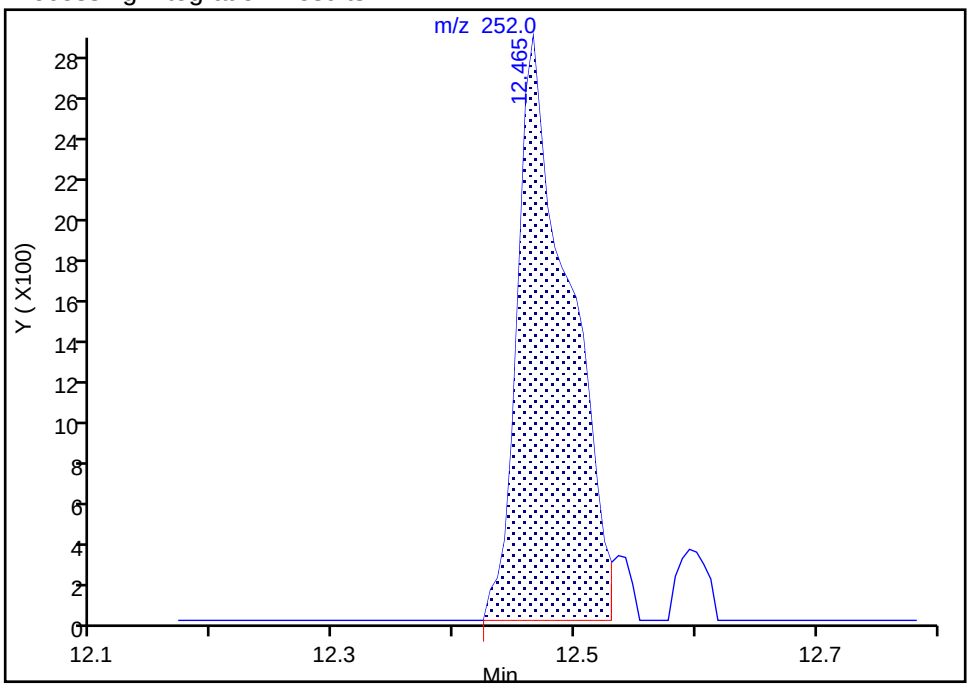
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

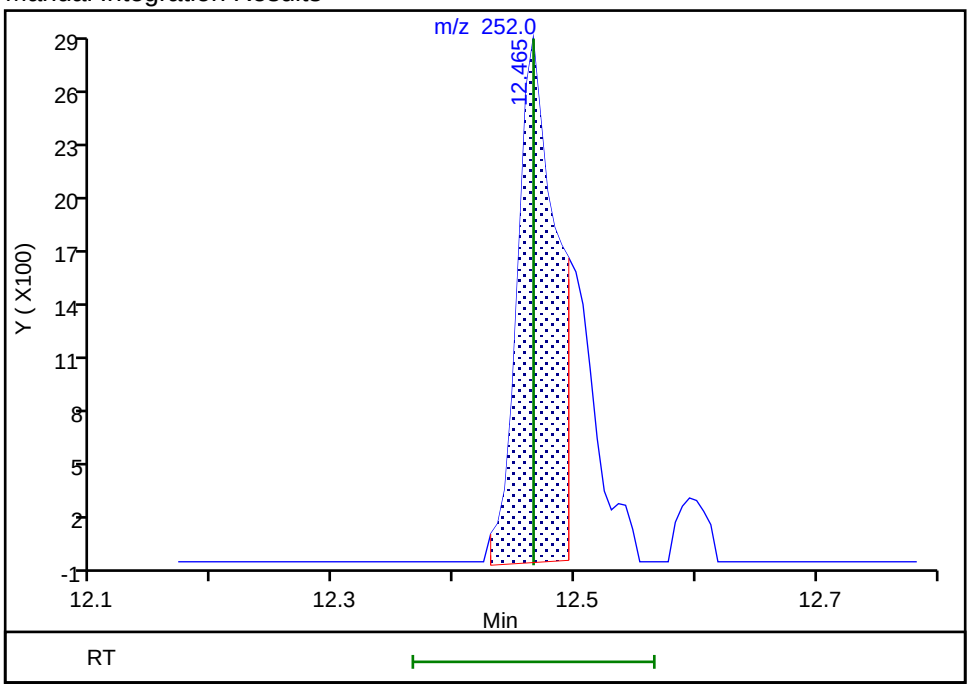
Processing Integration Results

RT: 12.47
Area: 8450
Amount: 0.154974
Amount Units: ug/ml



Manual Integration Results

RT: 12.47
Area: 6568
Amount: 0.120458
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:53:00

Audit Action: Manually Integrated Audit Reason: Baseline

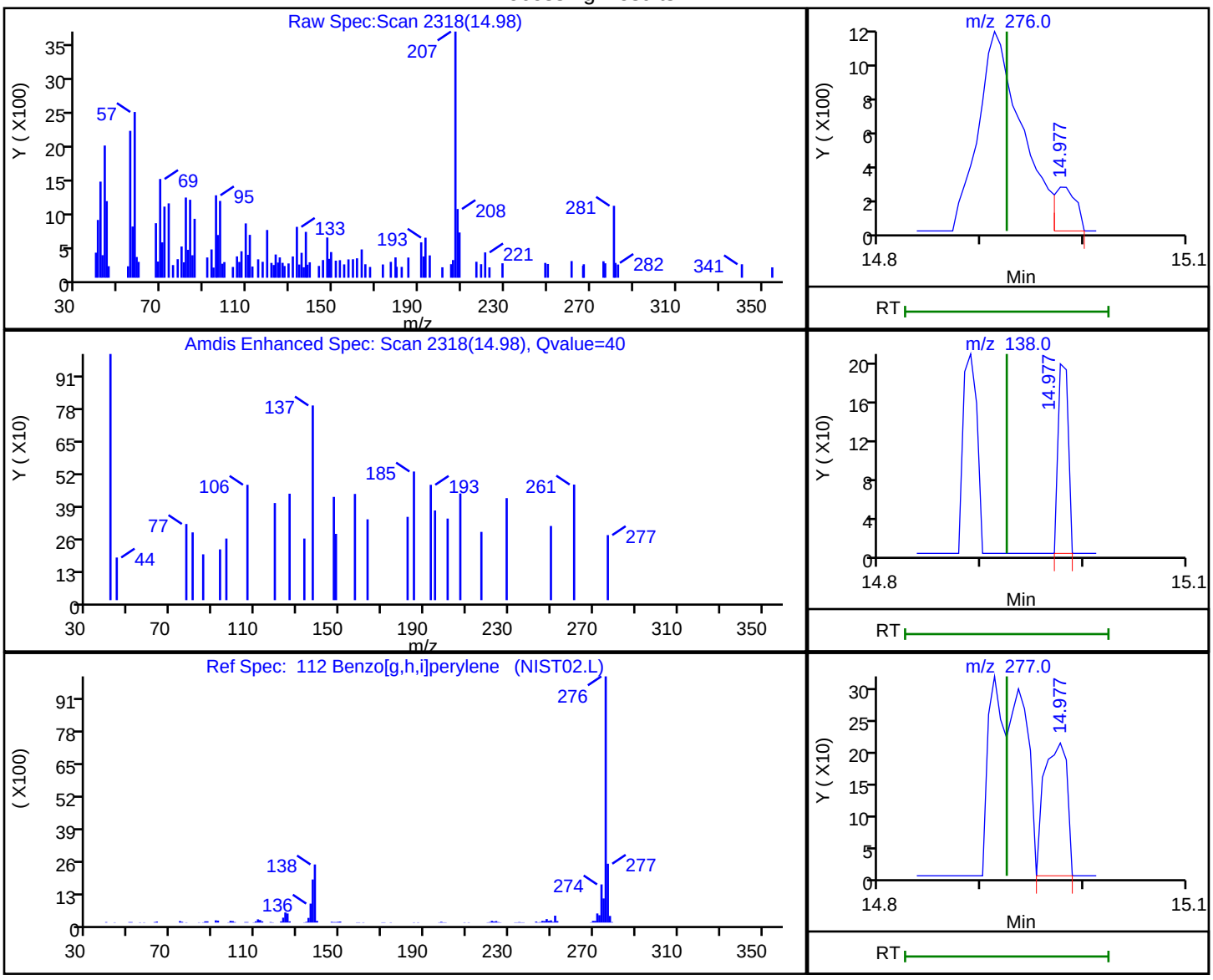
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results



RT	Mass	Response	Amount
14.98	276.00	364	0.007763
14.98	138.00	133	
14.98	277.00	331	

Reviewer: hamziy, 29-Aug-2020 19:52:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

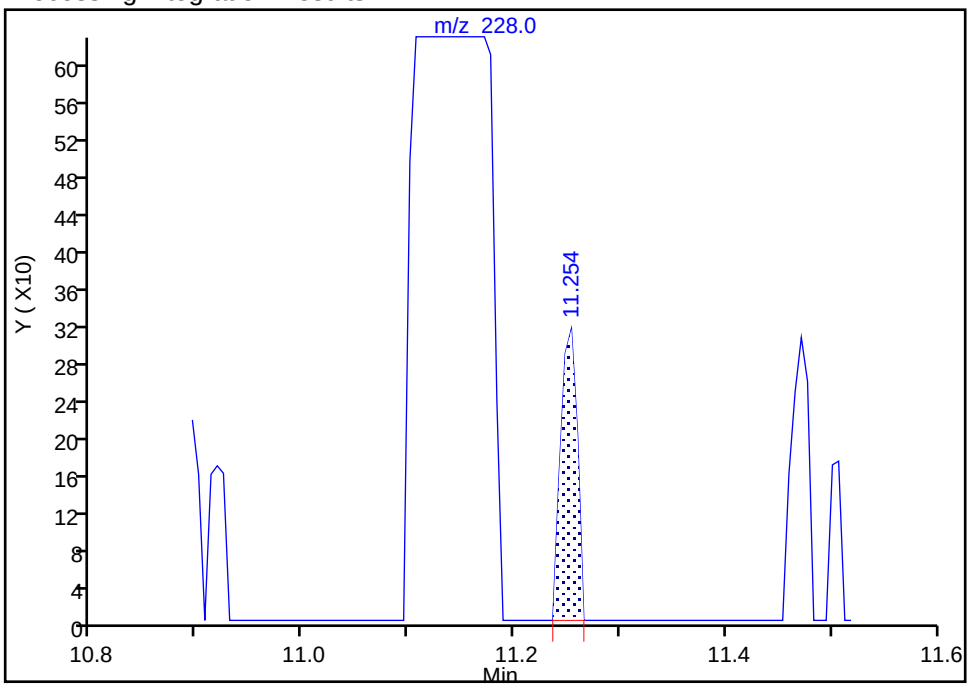
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Signal: 1

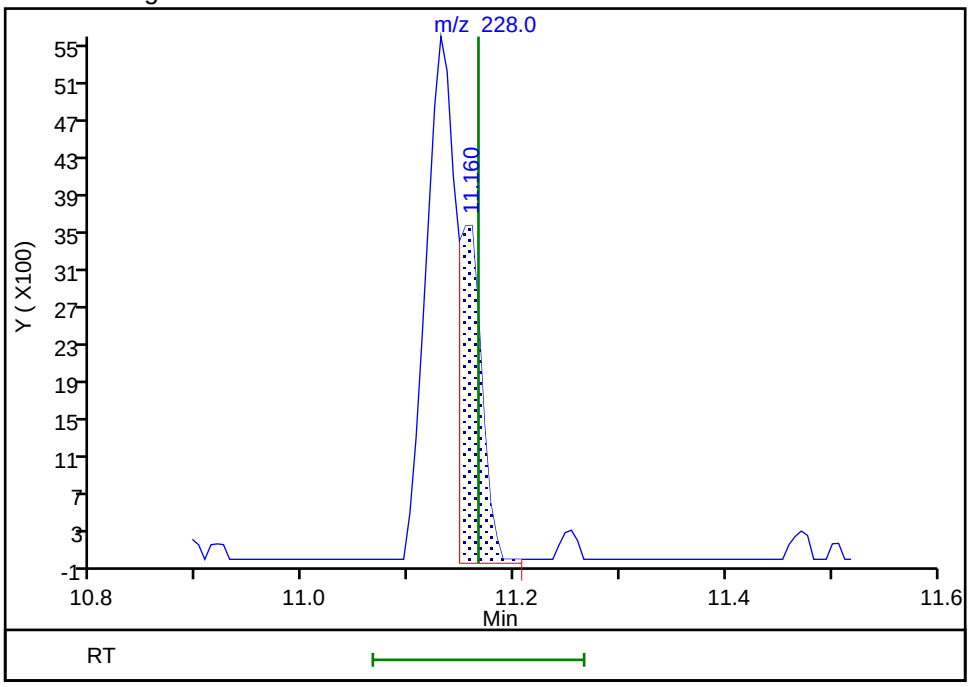
Processing Integration Results

RT: 11.25
Area: 334
Amount: 0.004628
Amount Units: ug/ml



Manual Integration Results

RT: 11.16
Area: 5628
Amount: 0.077976
Amount Units: ug/ml



Reviewer: khlungprakhons, 31-Aug-2020 11:30:01

Audit Action: Manually Integrated Audit Reason: Assign Peak

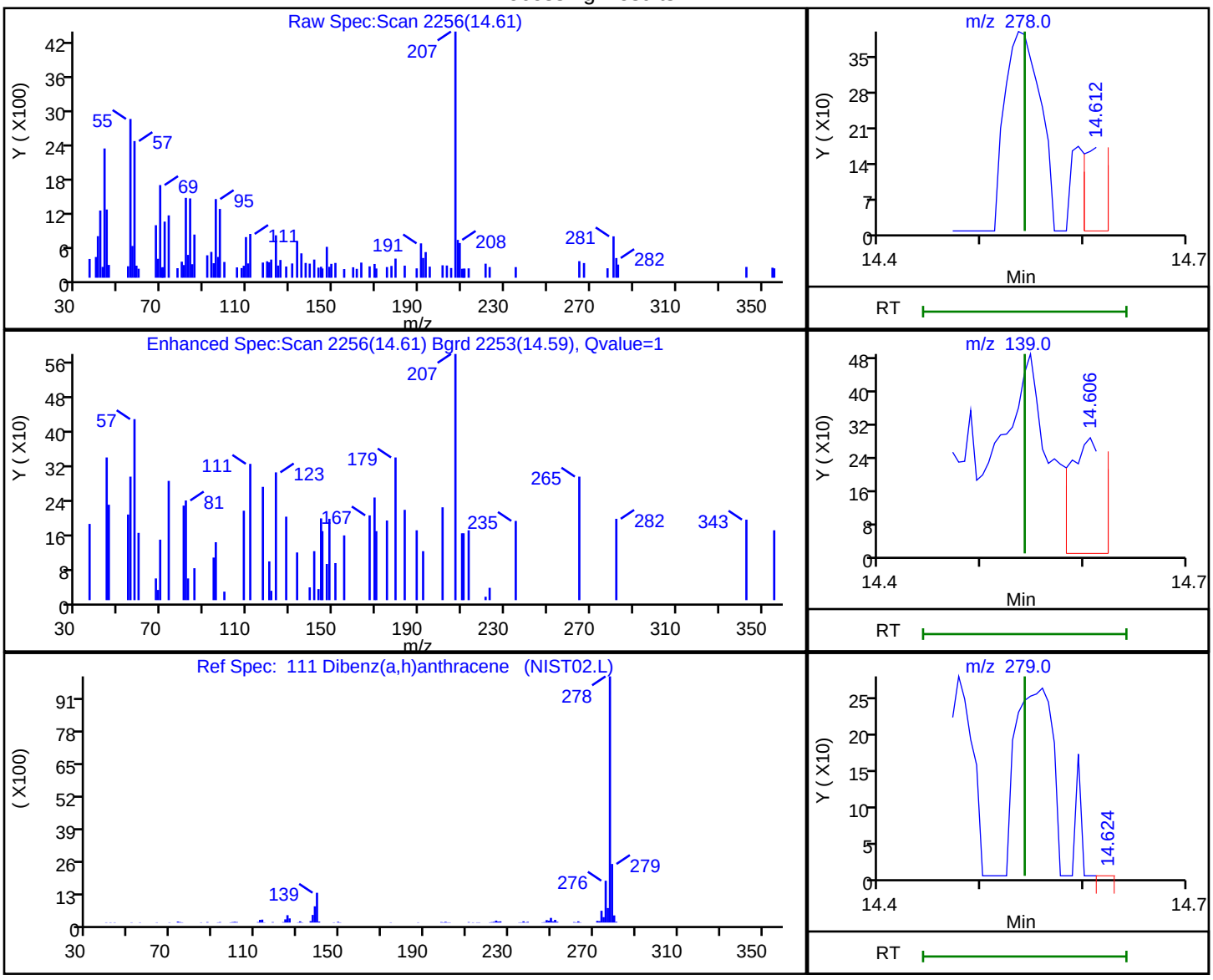
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Processing Results



RT	Mass	Response	Amount
14.61	278.00	225	0.004905
14.61	139.00	578	
14.62	279.00	189	

Reviewer: hamziy, 29-Aug-2020 19:52:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

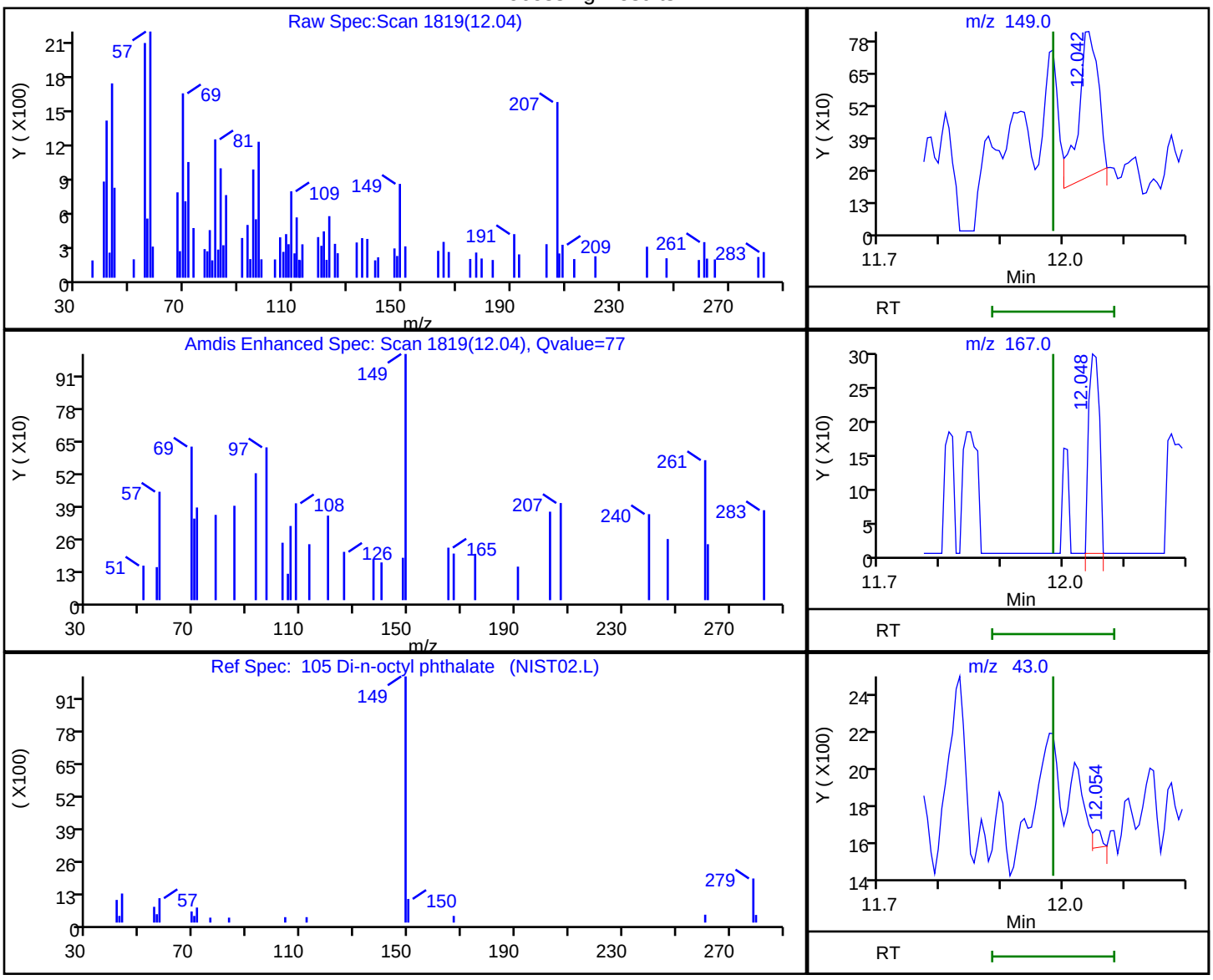
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d				
Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.04	149.00	1338	0.021495
12.05	167.00	354	
12.05	43.00	95	

Reviewer: hamziy, 29-Aug-2020 19:52:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

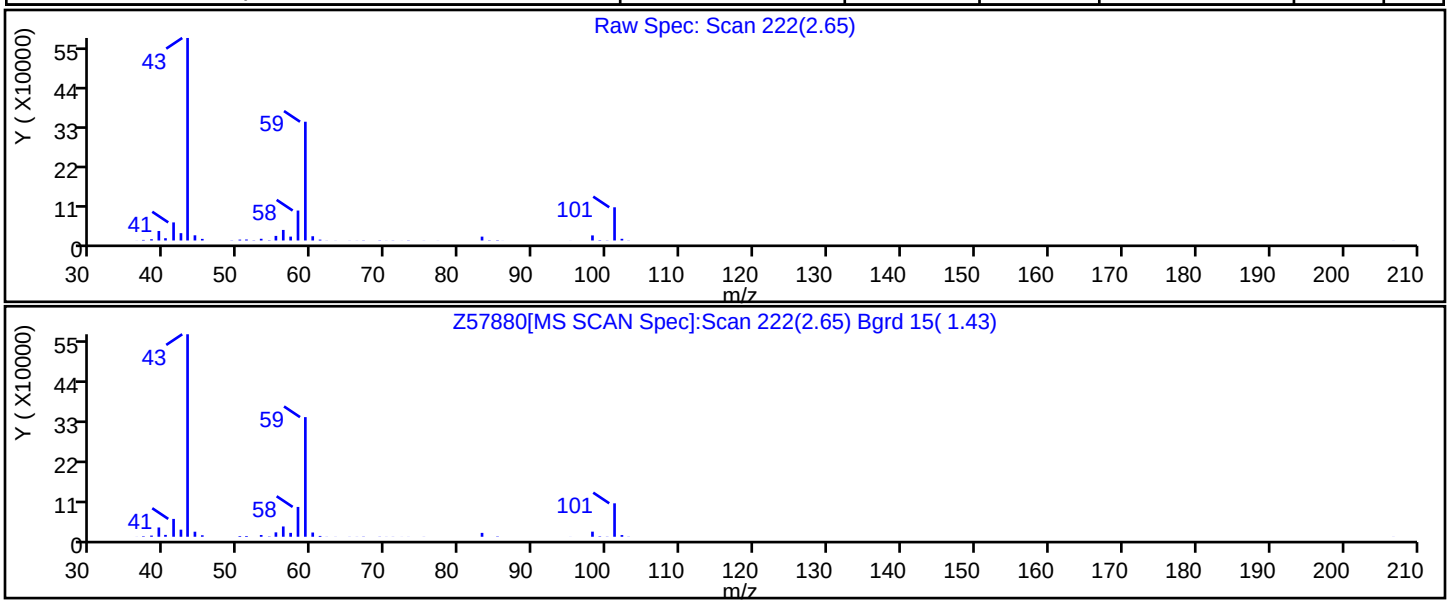
Report Date: 31-Aug-2020 11:30:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57880.d

Injection Date:	29-Aug-2020 06:20:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-9-A	Lab Sample ID:	460-217009-9		
Client ID:	SB-06_3-5_20200827				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_6-8_20200827 Lab Sample ID: 460-217009-10

Matrix: Solid Lab File ID: Z57881.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:50

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 06:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	0.034	0.0086
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.34	0.0057
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0093	U	0.10	0.0093
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.036	U	0.068	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.068	0.024
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0094	U	0.34	0.0094
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.024	U	0.34	0.024
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0090	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.0087	U	0.034	0.0087
191-24-2	Benzo[g,h,i]perylene	0.0099	U	0.34	0.0099
207-08-9	Benzo[k]fluoranthene	0.0066	U	0.034	0.0066
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0057	U	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0047	U	0.34	0.0047
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_6-8_20200827 Lab Sample ID: 460-217009-10

Matrix: Solid Lab File ID: Z57881.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:50

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 06:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.076	U	0.34	0.076
84-74-2	Di-n-butyl phthalate	0.059	U	0.34	0.059
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0071	U	0.068	0.0071
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.34	0.029
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.097	U	0.14	0.097
91-20-3	Naphthalene	0.0058	U	0.34	0.0058
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.034	0.024
86-30-6	N-Nitrosodiphenylamine	0.0064	U	0.34	0.0064
85-01-8	Phenanthrene	0.0059	U	0.34	0.0059
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	67		19-105
1718-51-0	Terphenyl-d14 (Surr)	83		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_6-8_20200827 Lab Sample ID: 460-217009-10

Matrix: Solid Lab File ID: Z57881.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:50

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 06:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 1.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 3.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.65	3.6	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d
Lims ID: 460-217009-E-10-A
Client ID: SB-06_6-8_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 06:43:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-017
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:33:12 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:53:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.166	4.160	0.006	97	538862	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	749216	33.5	
* 38 Naphthalene-d8	136	5.396	5.401	-0.005	100	2082056	40.0	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	1514846	33.6	
* 65 Acenaphthene-d10	164	7.090	7.090	0.000	96	1204996	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2279429	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2132948	41.7	
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	1861858	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.172	11.172	0.000	82	6276	0.1471	
106 Benzo[b]fluoranthene	252	12.472	12.466	0.006	91	3003	0.0624	
107 Benzo[k]fluoranthene	252	12.507	12.507	0.000	87	1452	0.0305	
* 109 Perylene-d12	264	12.983	12.983	0.000	100	1523156	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Lims ID:	460-217009-E-10-A				
Client ID:	SB-06_6-8_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 06:43:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-017				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:33:12	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:53:39		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.649	4451129	53.7	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3316895	40.0

QC Flag Legend

Processing Flags

Reagents:

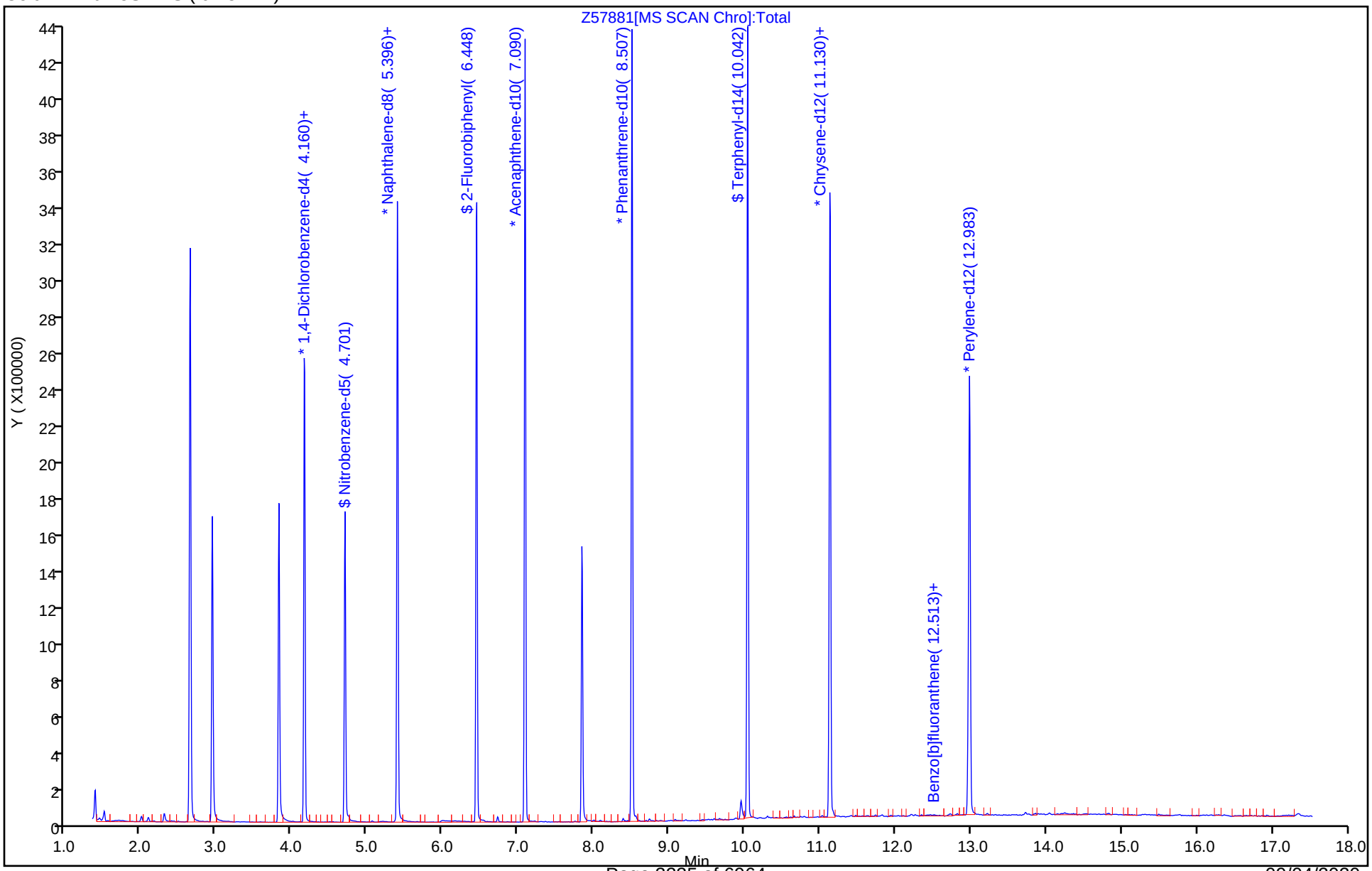
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:33:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10	Worklist Smp#:	17
Client ID:	SB-06_6-8_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



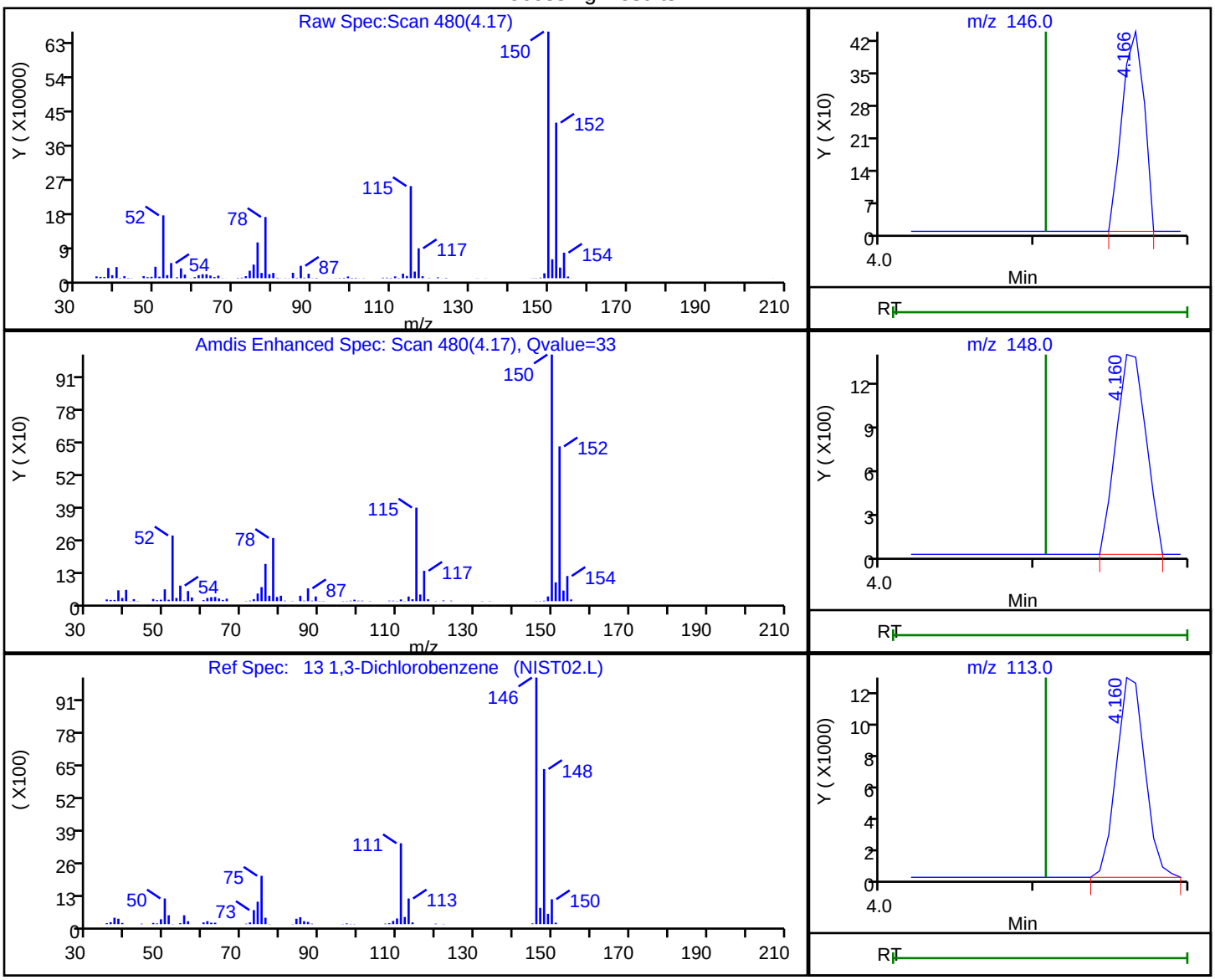
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
4.17	146.00	432	0.020187
4.16	148.00	1881	
4.16	113.00	15950	

Reviewer: khlungprakhons, 31-Aug-2020 11:32:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

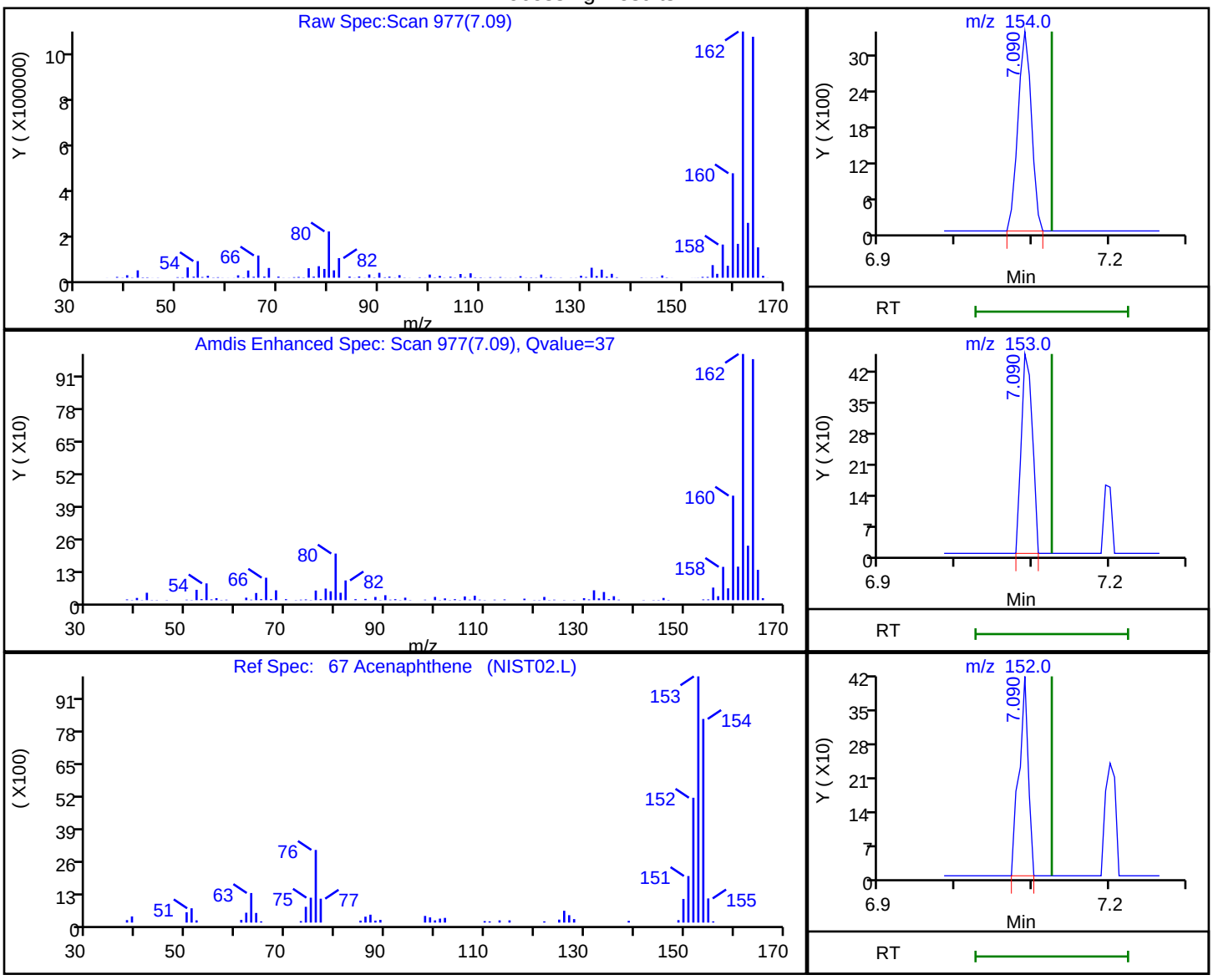
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.09	154.00	4120	0.105054
7.09	153.00	458	
7.09	152.00	344	

Reviewer: khlungprakhons, 31-Aug-2020 11:32:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

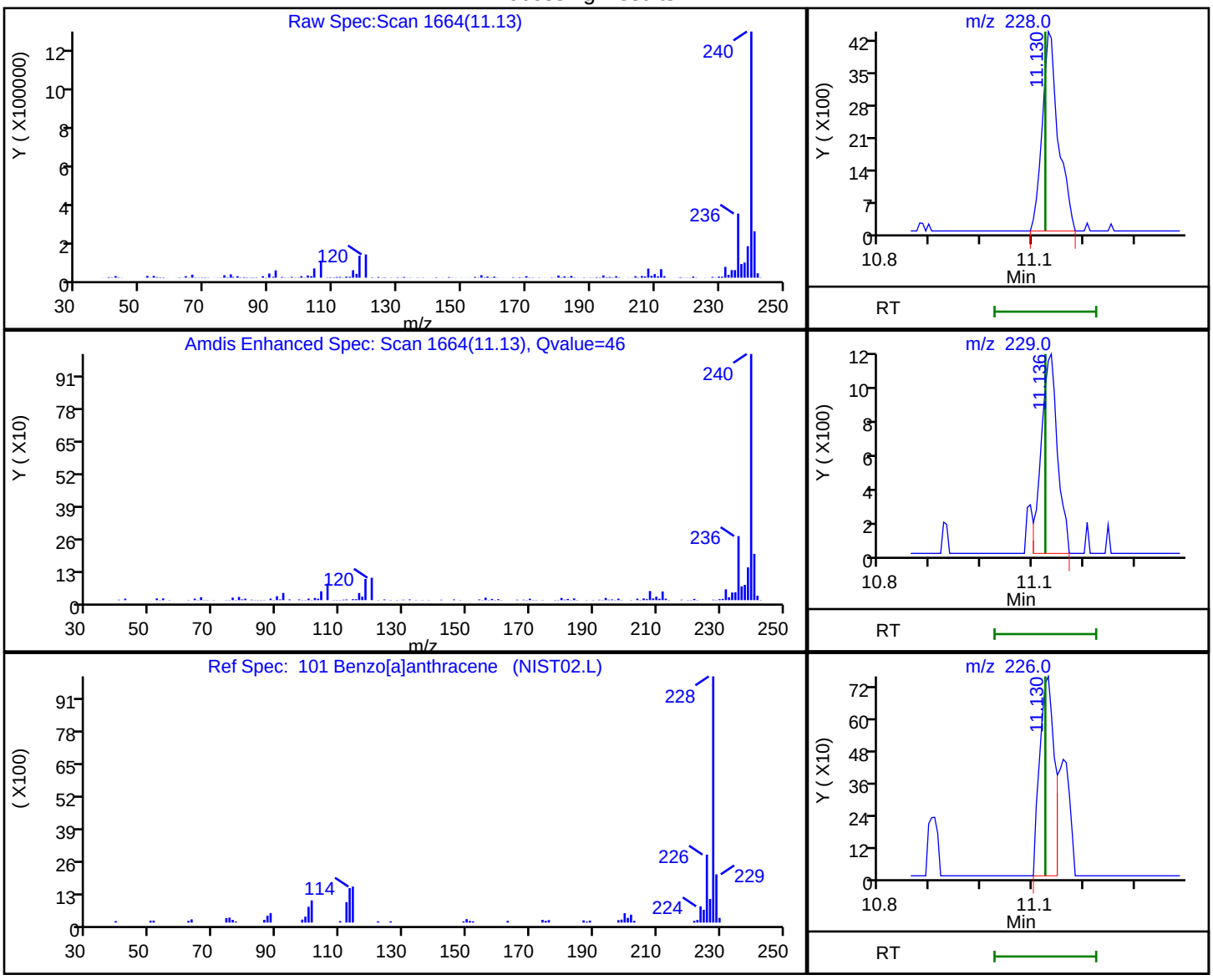
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.13	228.00	9459	0.142418
11.14	229.00	2555	
11.13	226.00	1500	

Reviewer: khlungprakhons, 31-Aug-2020 11:32:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

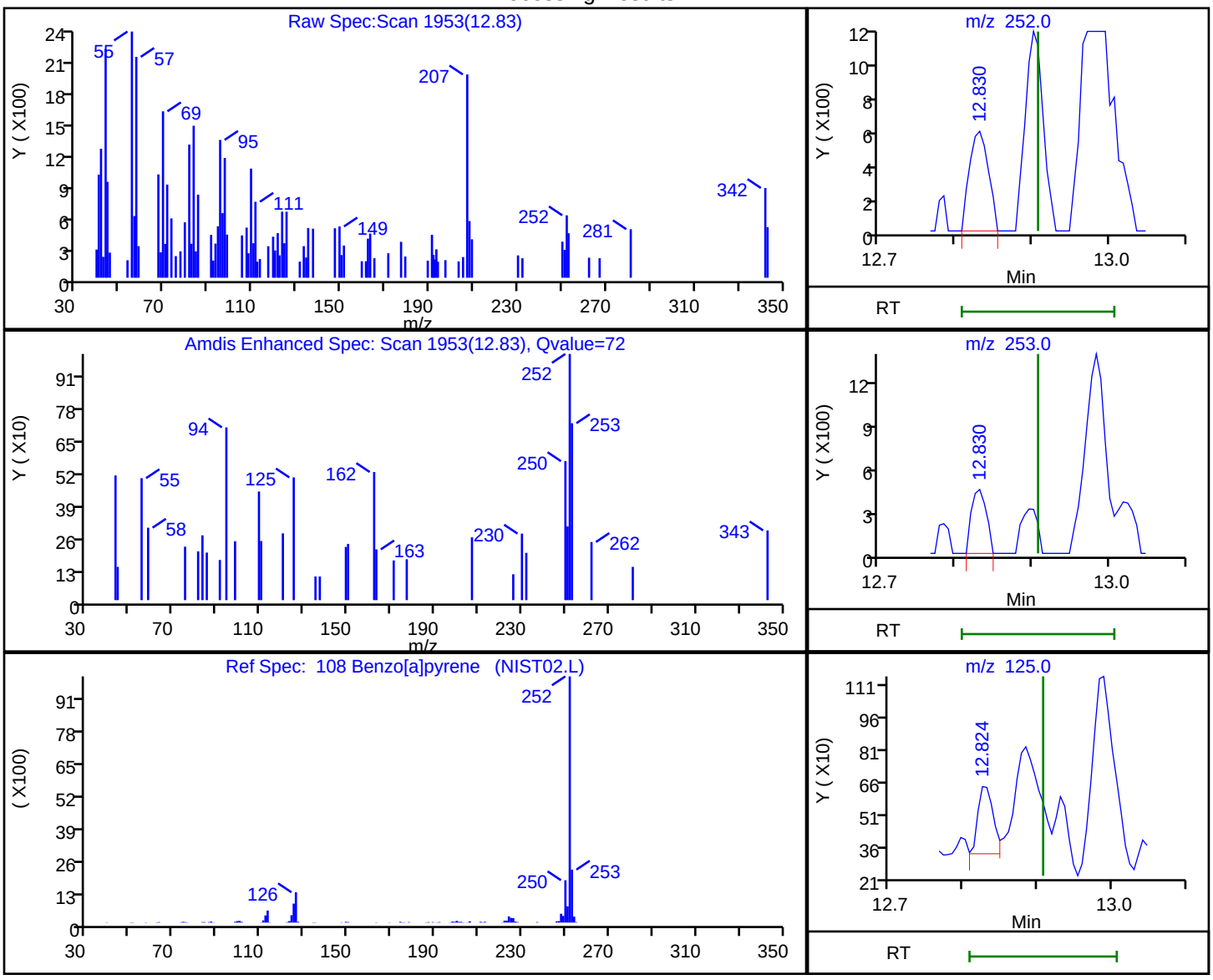
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.83	252.00	1015	0.025176
12.83	253.00	568	
12.82	125.00	455	

Reviewer: hamziy, 29-Aug-2020 19:53:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

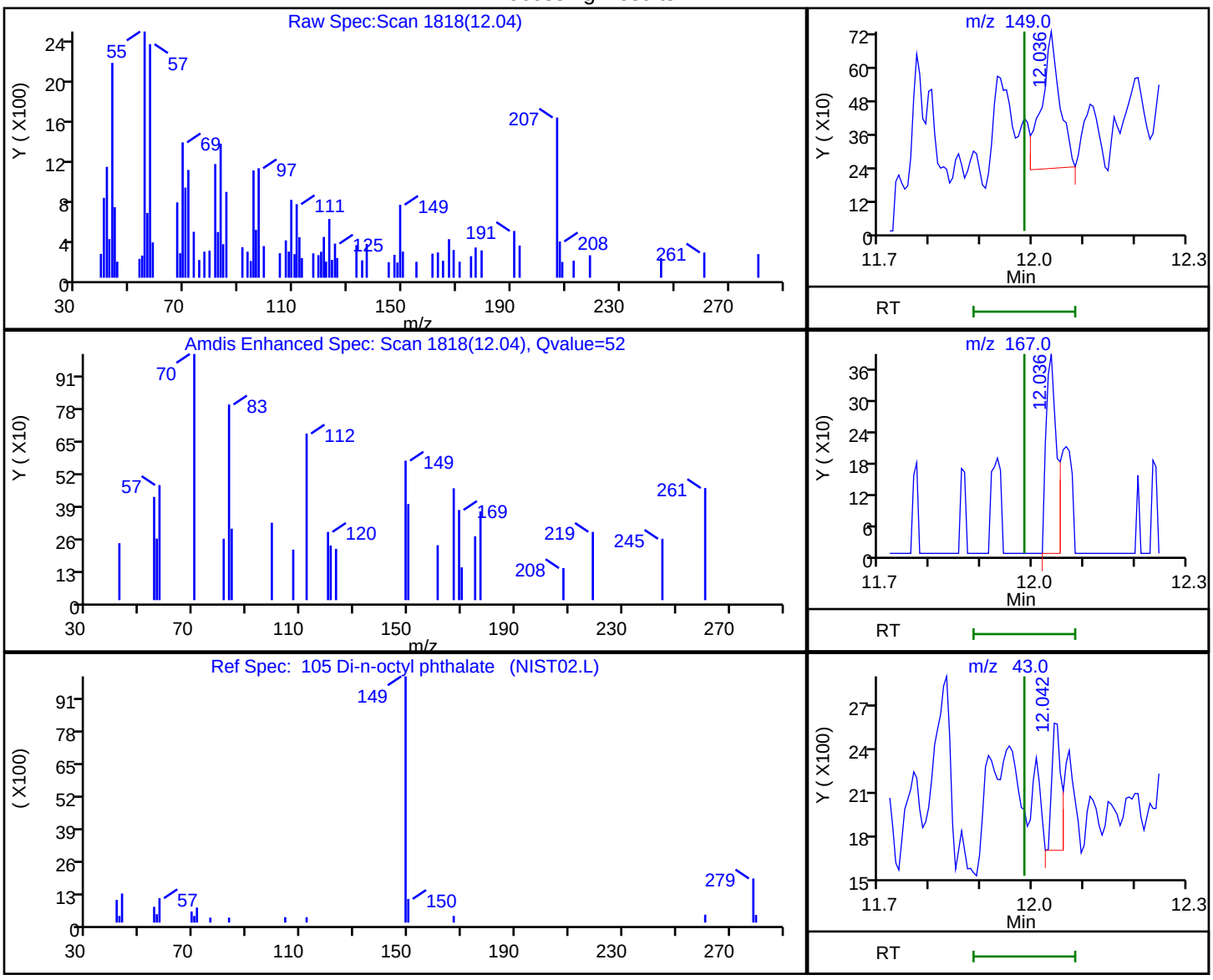
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d				
Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.04	149.00	1226	0.022320
12.04	167.00	555	
12.04	43.00	985	

Reviewer: hamziy, 29-Aug-2020 19:53:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

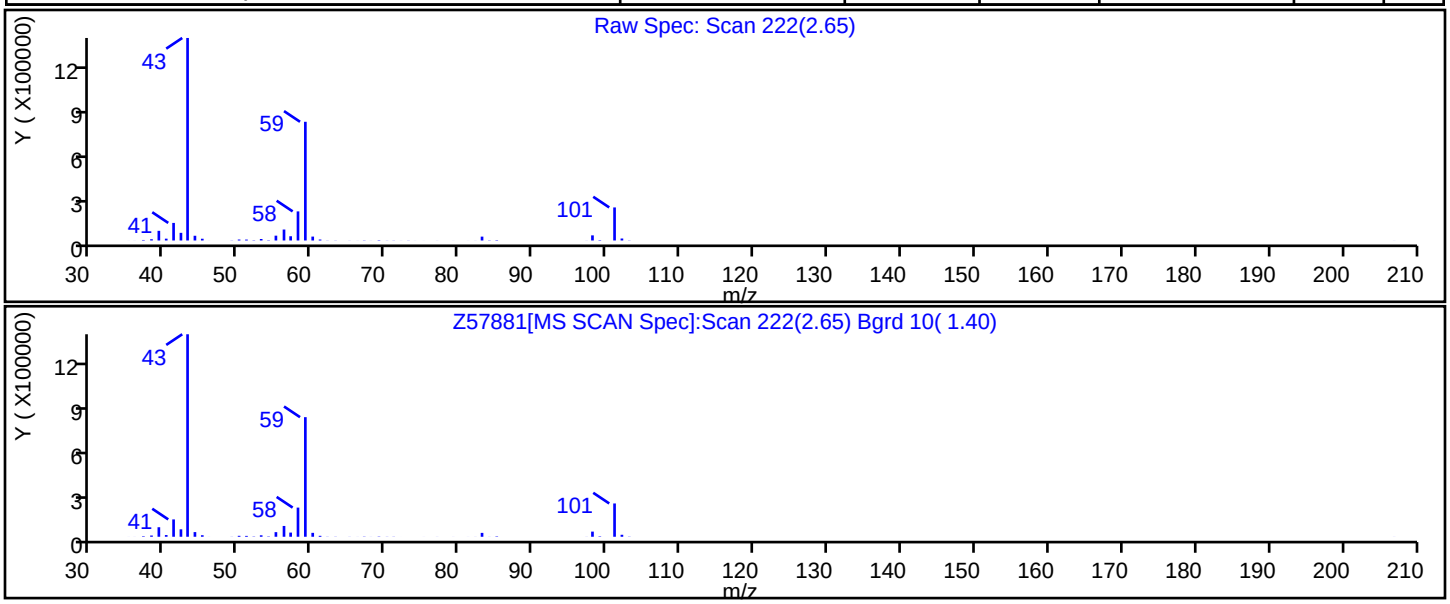
Report Date: 31-Aug-2020 11:33:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57881.d

Injection Date:	29-Aug-2020 06:43:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-10-A	Lab Sample ID:	460-217009-10		
Client ID:	SB-06_6-8_20200827				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_17-19_20200827 Lab Sample ID: 460-217009-11

Matrix: Solid Lab File ID: Z57882.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:55

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 07:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0087	U	0.034	0.0087
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.34	0.0058
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0094	U	0.10	0.0094
108-60-1	2,2'-oxybis[1-chloropropane]	0.0061	U	0.34	0.0061
121-14-2	2,4-Dinitrotoluene	0.037	U	0.069	0.037
606-20-2	2,6-Dinitrotoluene	0.025	U	0.069	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0095	U	0.34	0.0095
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.051	U	0.14	0.051
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.34	0.013
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0090	U	0.034	0.0090
205-99-2	Benzo[b]fluoranthene	0.0088	U	0.034	0.0088
191-24-2	Benzo[g,h,i]perylene	0.010	U	0.34	0.010
207-08-9	Benzo[k]fluoranthene	0.0067	U	0.034	0.0067
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.34	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0057	U	0.34	0.0057
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0048	U	0.34	0.0048
84-66-2	Diethyl phthalate	0.0049	U	0.34	0.0049

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_17-19_20200827 Lab Sample ID: 460-217009-11

Matrix: Solid Lab File ID: Z57882.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:55

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 07:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.077	U	0.34	0.077
84-74-2	Di-n-butyl phthalate	0.060	U	0.34	0.060
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0072	U	0.069	0.0072
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.034	0.013
78-59-1	Isophorone	0.098	U	0.14	0.098
91-20-3	Naphthalene	0.0059	U	0.34	0.0059
98-95-3	Nitrobenzene	0.0081	U	0.034	0.0081
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025
86-30-6	N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065
85-01-8	Phenanthrene	0.0060	U	0.34	0.0060
129-00-0	Pyrene	0.0084	U	0.34	0.0084

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	57		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	56		19-105
1718-51-0	Terphenyl-d14 (Surr)	71		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-06_17-19_20200827 Lab Sample ID: 460-217009-11

Matrix: Solid Lab File ID: Z57882.d

Analysis Method: 8270D Date Collected: 08/27/2020 13:55

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 07:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.65	1.2	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57882.d
Lims ID: 460-217009-E-11-A
Client ID: SB-06_17-19_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 07:07:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-018
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:38:09 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:53:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	98	611582	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	714421	28.0	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2379907	40.0	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	1432198	28.4	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1345433	40.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2554792	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1992715	35.5	
101 Benzo[a]anthracene	228	11.130	11.124	0.005	76	11019	0.1513	
* 102 Chrysene-d12	240	11.136	11.136	0.000	99	2041353	40.0	
108 Benzo[a]pyrene	252	12.901	12.907	-0.006	92	3017	0.0672	
* 109 Perylene-d12	264	12.983	12.983	0.000	99	1696749	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.507	14.512	-0.006	11	613	0.0130	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57882.d				
Lims ID:	460-217009-E-11-A				
Client ID:	SB-06_17-19_20200827				
Sample Type:	Client				
Inject. Date:	29-Aug-2020 07:07:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115939-018				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 11:38:09	Calib Date:	12-Aug-2020 19:02:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: hamziy		Date:	29-Aug-2020 19:53:57		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.648	1693253	18.2	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	3729439	40.0

QC Flag Legend

Processing Flags

Reagents:

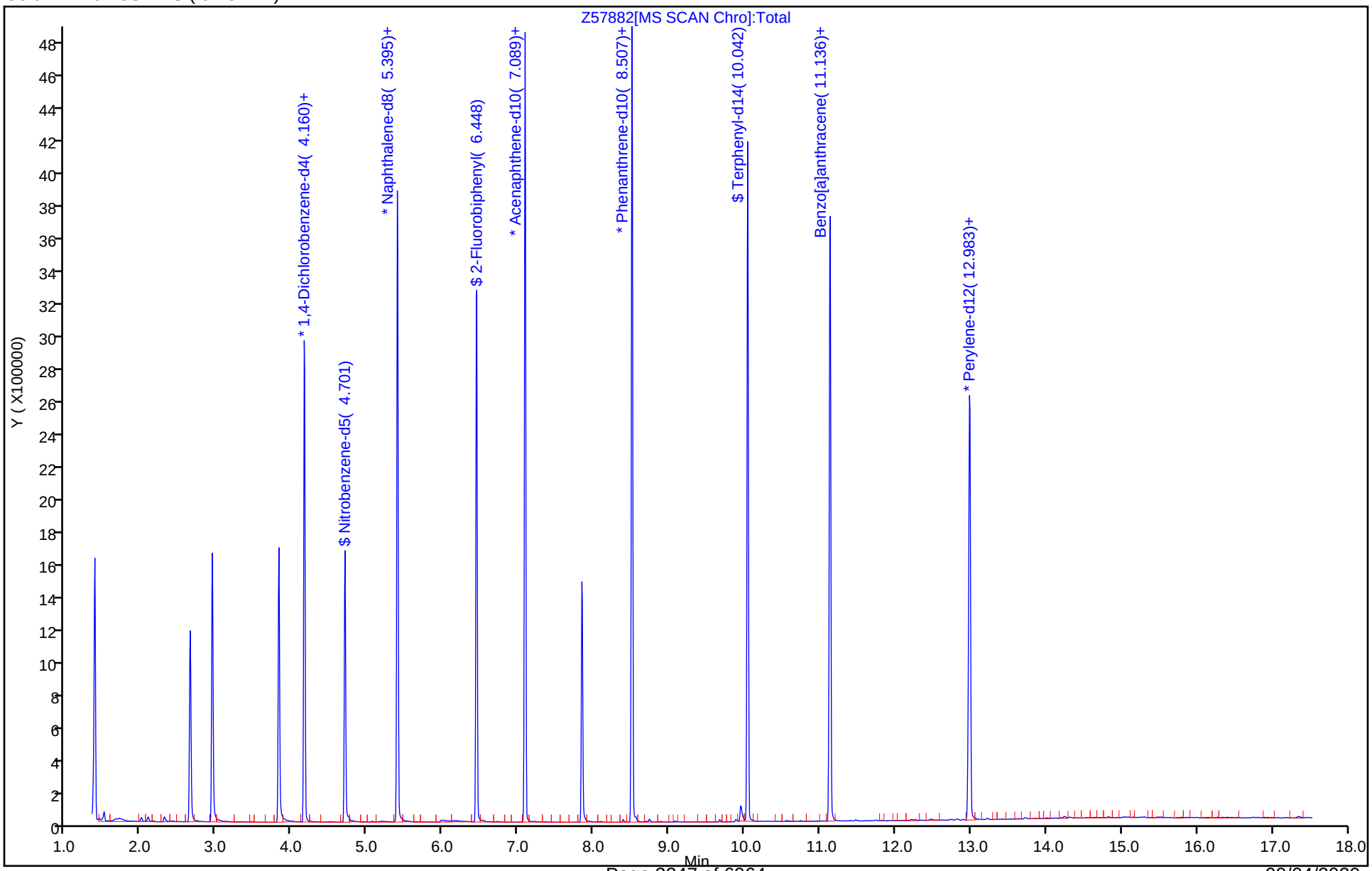
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:38:09 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57882.d				
Injection Date:	29-Aug-2020 07:07:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-217009-E-11-A	Lab Sample ID:	460-217009-11	Worklist Smp#:	18
Client ID:	SB-06_17-19_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



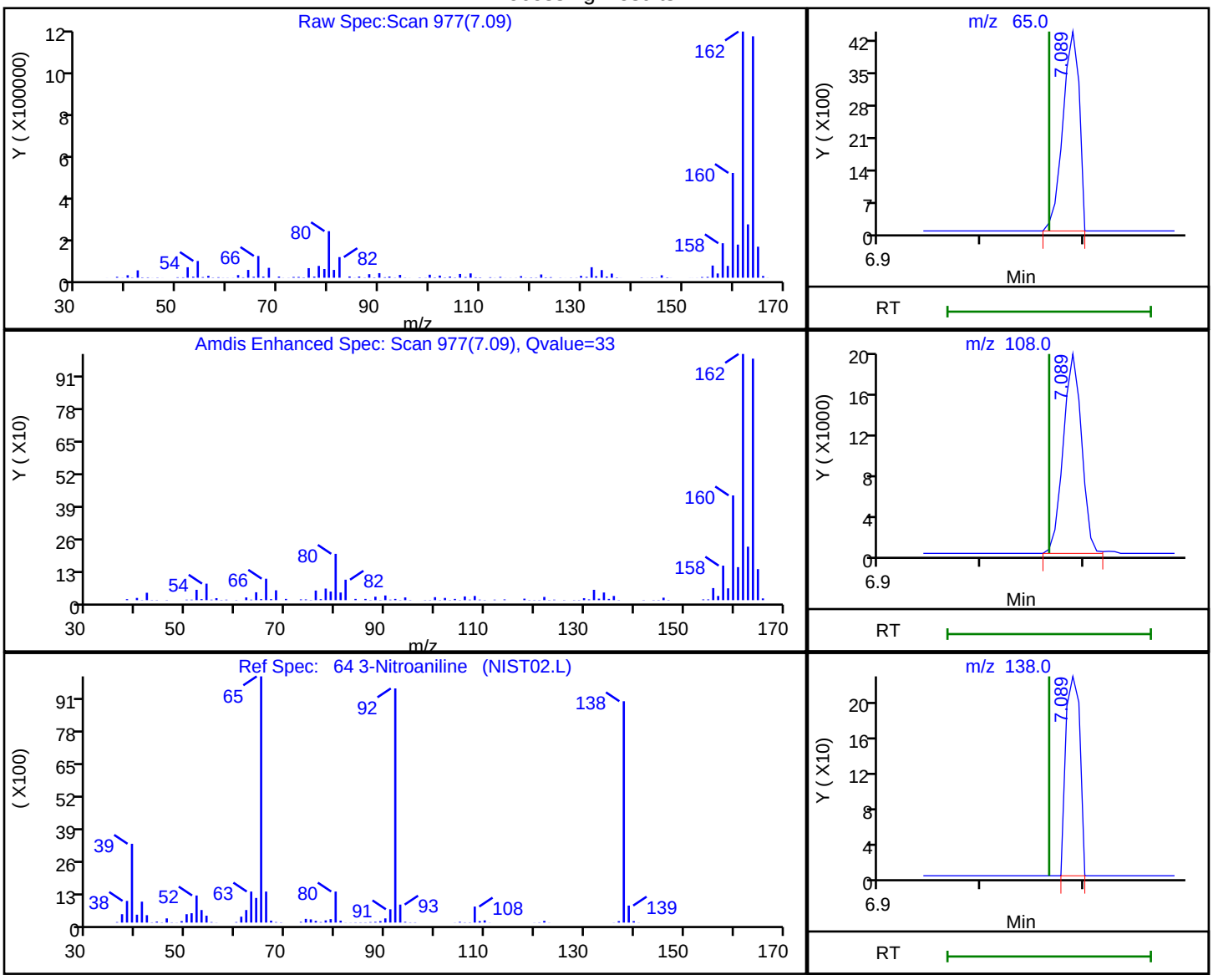
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57882.d				
Injection Date:	29-Aug-2020 07:07:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-11-A	Lab Sample ID:	460-217009-11		
Client ID:	SB-06_17-19_20200827				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	4789	0.263407
7.09	108.00	24582	
7.09	138.00	214	

Reviewer: hamziy, 29-Aug-2020 19:53:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

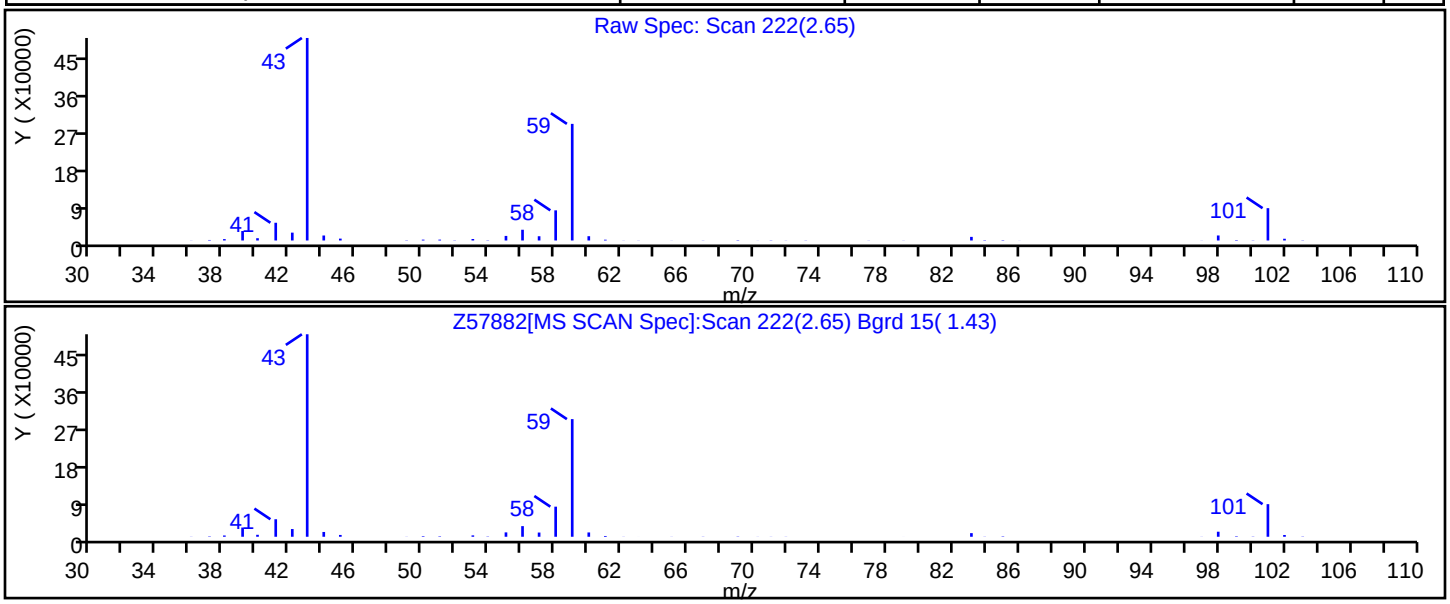
Report Date: 31-Aug-2020 11:38:09 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57882.d

Injection Date:	29-Aug-2020 07:07:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-11-A	Lab Sample ID:	460-217009-11		
Client ID:	SB-06_17-19_20200827				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 Lab Sample ID: 460-217095-1

Matrix: Solid Lab File ID: X28739.d

Analysis Method: 8270D Date Collected: 08/28/2020 07:40

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0095	U	0.037	0.0095
95-50-1	1,2-Dichlorobenzene	0.0063	U	0.37	0.0063
541-73-1	1,3-Dichlorobenzene	0.0049	U	0.37	0.0049
106-46-7	1,4-Dichlorobenzene	0.014	U	0.37	0.014
123-91-1	1,4-Dioxane	0.010	U	0.11	0.010
108-60-1	2,2'-oxybis[1-chloropropane]	0.0067	U	0.37	0.0067
121-14-2	2,4-Dinitrotoluene	0.040	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.027	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.017	U	0.37	0.017
91-57-6	2-Methylnaphthalene	0.010	U	0.37	0.010
88-74-4	2-Nitroaniline	0.014	U	0.37	0.014
91-94-1	3,3'-Dichlorobenzidine	0.056	U	0.15	0.056
99-09-2	3-Nitroaniline	0.042	U	0.37	0.042
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.37	0.015
106-47-8	4-Chloroaniline	0.026	U	0.37	0.026
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013
100-01-6	4-Nitroaniline	0.042	U	0.37	0.042
83-32-9	Acenaphthene	0.027	U	0.37	0.027
208-96-8	Acenaphthylene	0.0038	U	0.37	0.0038
120-12-7	Anthracene	0.011	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.013	U	0.037	0.013
50-32-8	Benzo[a]pyrene	0.0098	U	0.037	0.0098
205-99-2	Benzo[b]fluoranthene	0.0095	U	0.037	0.0095
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.0072	U	0.037	0.0072
111-91-1	Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.017	U	0.37	0.017
86-74-8	Carbazole	0.014	U	0.37	0.014
218-01-9	Chrysene	0.0062	U	0.37	0.0062
53-70-3	Dibenz(a,h)anthracene	0.016	U	0.037	0.016
132-64-9	Dibenzofuran	0.0052	U	0.37	0.0052
84-66-2	Diethyl phthalate	0.0053	U	0.37	0.0053

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 Lab Sample ID: 460-217095-1

Matrix: Solid Lab File ID: X28739.d

Analysis Method: 8270D Date Collected: 08/28/2020 07:40

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.084	U	0.37	0.084
84-74-2	Di-n-butyl phthalate	0.065	U	0.37	0.065
117-84-0	Di-n-octyl phthalate	0.020	U	0.37	0.020
206-44-0	Fluoranthene	0.013	U	0.37	0.013
86-73-7	Fluorene	0.0050	U	0.37	0.0050
118-74-1	Hexachlorobenzene	0.018	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.0078	U	0.075	0.0078
77-47-4	Hexachlorocyclopentadiene	0.032	U	0.37	0.032
67-72-1	Hexachloroethane	0.013	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.014	U	0.037	0.014
78-59-1	Isophorone	0.11	U	0.15	0.11
91-20-3	Naphthalene	0.0064	U	0.37	0.0064
98-95-3	Nitrobenzene	0.0089	U	0.037	0.0089
621-64-7	N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.0071	U	0.37	0.0071
85-01-8	Phenanthrene	0.0065	U	0.37	0.0065
129-00-0	Pyrene	0.0092	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	69		19-105
1718-51-0	Terphenyl-d14 (Surr)	109		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 Lab Sample ID: 460-217095-1

Matrix: Solid Lab File ID: X28739.d

Analysis Method: 8270D Date Collected: 08/28/2020 07:40

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

Number TICs Found: 2 TIC Result Total: 1.78

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.99	0.89	A J	
6311-48-4	Dibenzylidene 4,4'-biphenylenediamine	14.93	0.89	J N	87%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28739.d
Lims ID: 460-217095-E-1-E
Client ID: SB-12_0-2_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 17:08:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-012
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 12:46:03 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: eisam Date: 01-Sep-2020 19:42:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	22936	40.0	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	92	25082	34.5	
* 38 Naphthalene-d8	136	5.716	5.722	-0.006	98	93069	40.0	
$ 51 2-Fluorobiphenyl	172	6.740	6.739	0.001	97	64193	36.6	
* 65 Acenaphthene-d10	164	7.375	7.381	-0.006	96	47912	40.0	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	88934	40.0	
$ 96 Terphenyl-d14	244	10.286	10.292	0.000	98	103150	54.5	
* 102 Chrysene-d12	240	11.410	11.416	-0.006	99	73109	40.0	
* 109 Perylene-d12	264	13.327	13.333	-0.006	98	77973	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28739.d				
Lims ID:	460-217095-E-1-E				
Client ID:	SB-12_0-2_20200828				
Sample Type:	Client				
Inject. Date:	01-Sep-2020 17:08:30	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0116118-012				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	02-Sep-2020 12:46:03	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1028				
First Level Reviewer: eisam		Date:	01-Sep-2020 19:42:06		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.987	40368	11.9	14	0	0		0	
	6311-48-4	Dibenzylidene 4,4'-biphenylenediamine						
14.933	65208	12.0	109	87	145066	C26H20N2	360	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.510	135419	40.0
* 109 Perylene-d12	13.327	216672	40.0

QC Flag Legend

Processing Flags

Reagents:

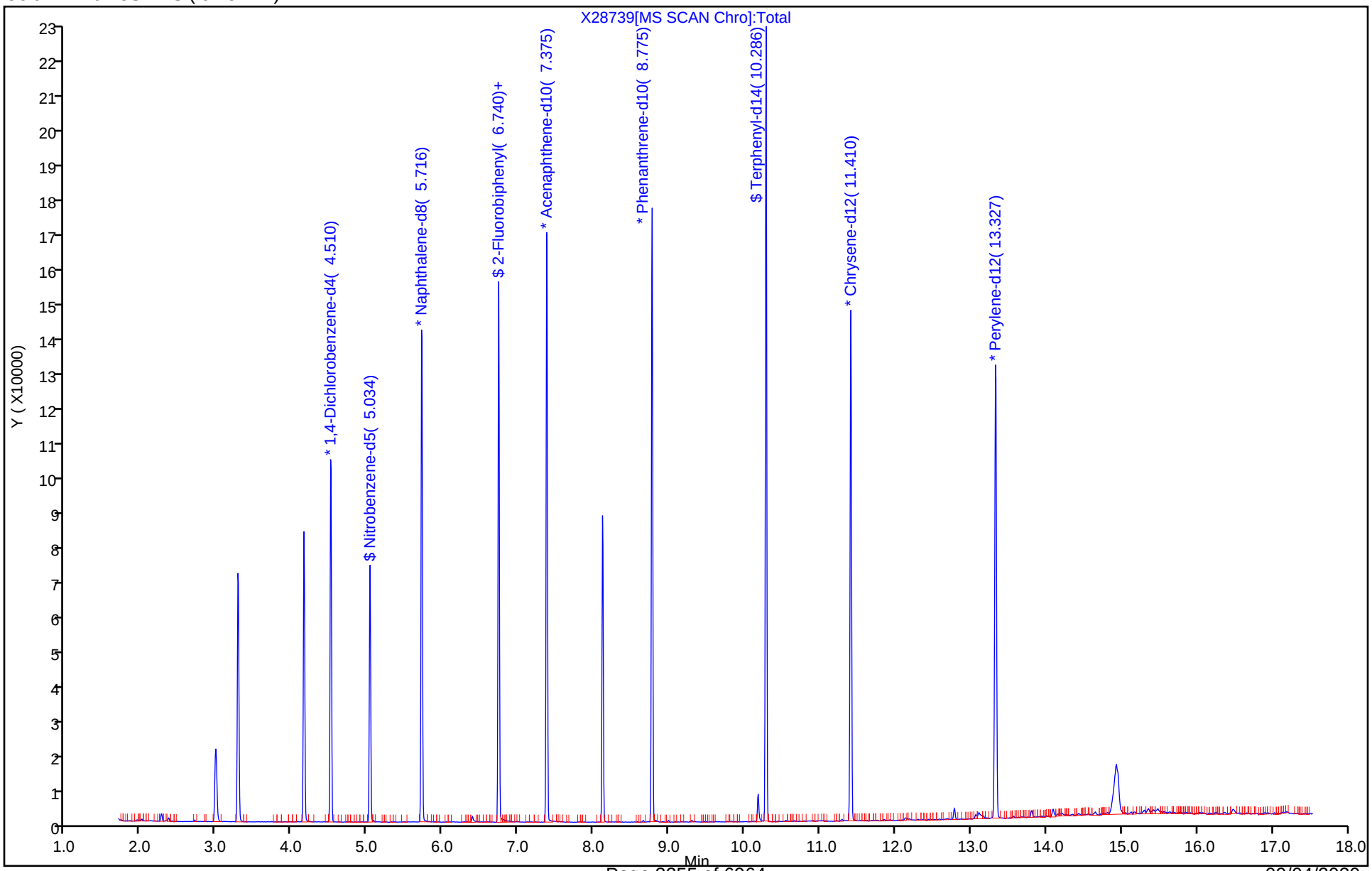
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 12:53:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28739.d				
Injection Date:	01-Sep-2020 17:08:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-217095-E-1-E	Lab Sample ID:	460-217095-1	Worklist Smp#:	12
Client ID:	SB-12_0-2_20200828				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



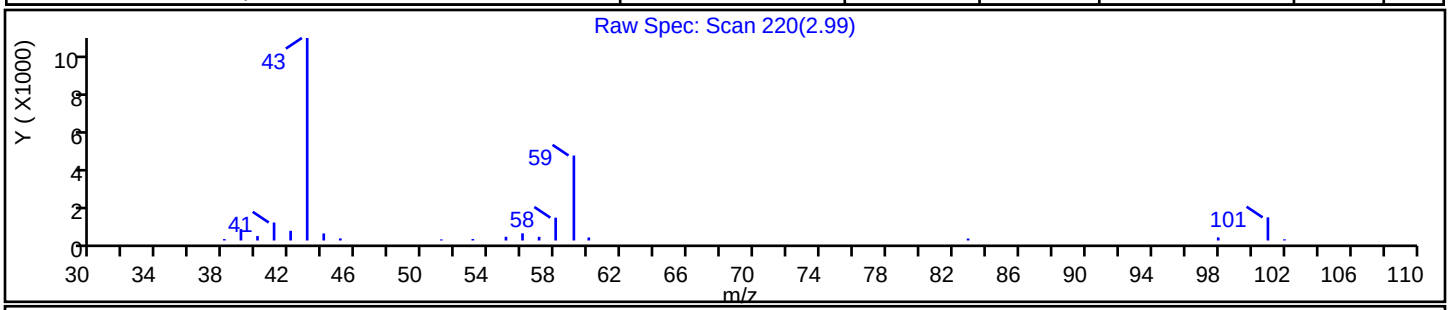
Report Date: 02-Sep-2020 12:53:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

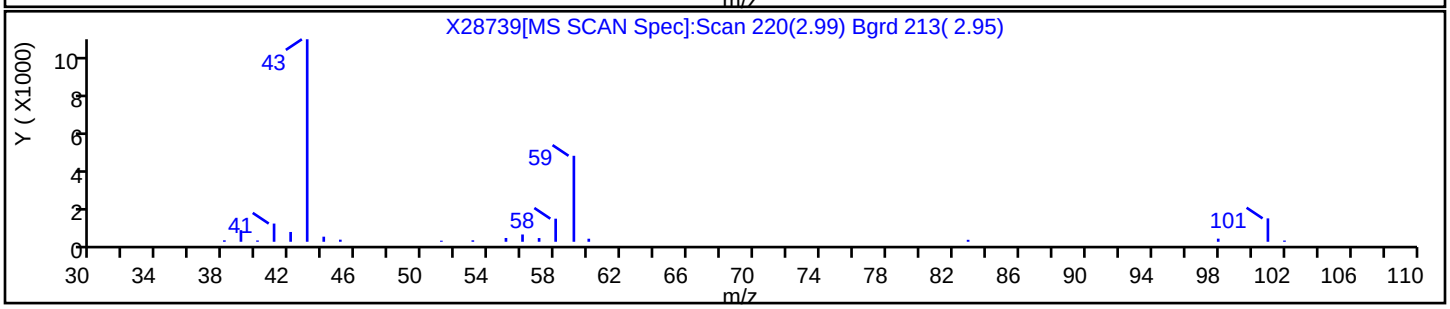
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28739.d

Injection Date:	01-Sep-2020 17:08:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-1-E	Lab Sample ID:	460-217095-1		
Client ID:	SB-12_0-2_20200828				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

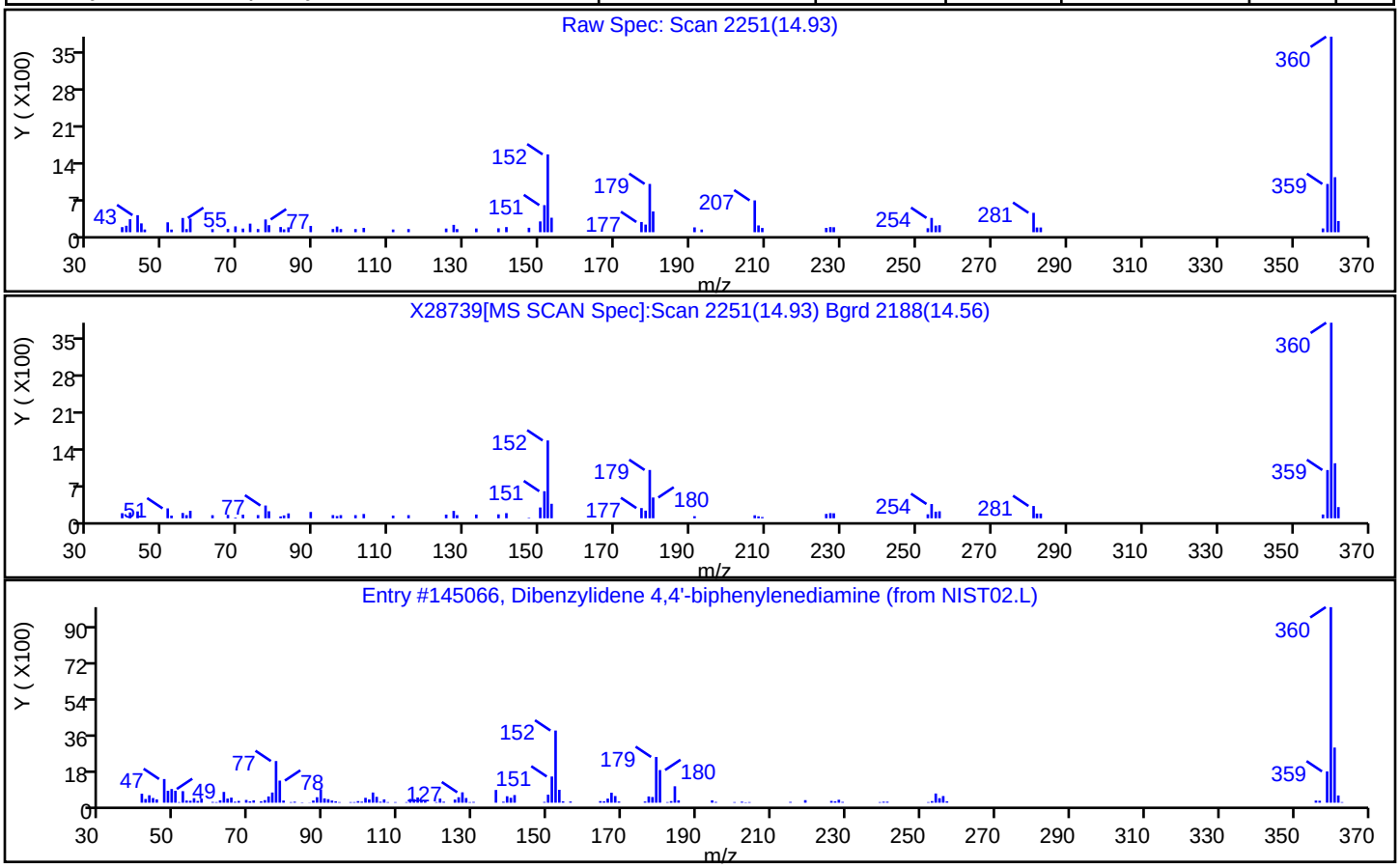




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28739.d
Injection Date: 01-Sep-2020 17:08:30 Instrument ID: CBNAMS5
Lims ID: 460-217095-E-1-E Lab Sample ID: 460-217095-1
Client ID: SB-12_0-2_20200828
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dibenzylidene 4,4'-biphenylenediamine	6311-48-4	NIST02.L	145066	C26H20N2	360	87



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-13_1-3_20200828 Lab Sample ID: 460-217095-2

Matrix: Solid Lab File ID: X28740.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:10

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0088	U	0.034	0.0088
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.34	0.0058
541-73-1	1,3-Dichlorobenzene	0.0045	U	0.34	0.0045
106-46-7	1,4-Dichlorobenzene	0.013	U	0.34	0.013
123-91-1	1,4-Dioxane	0.0094	U	0.10	0.0094
108-60-1	2,2'-oxybis[1-chloropropane]	0.0062	U	0.34	0.0062
121-14-2	2,4-Dinitrotoluene	0.037	U	0.069	0.037
606-20-2	2,6-Dinitrotoluene	0.025	U	0.069	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.34	0.016
91-57-6	2-Methylnaphthalene	0.0096	U	0.34	0.0096
88-74-4	2-Nitroaniline	0.013	U	0.34	0.013
91-94-1	3,3'-Dichlorobenzidine	0.052	U	0.14	0.052
99-09-2	3-Nitroaniline	0.038	U	0.34	0.038
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.34	0.014
106-47-8	4-Chloroaniline	0.024	U	0.34	0.024
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.34	0.012
100-01-6	4-Nitroaniline	0.039	U	0.34	0.039
83-32-9	Acenaphthene	0.025	U	0.34	0.025
208-96-8	Acenaphthylene	0.0035	U	0.34	0.0035
120-12-7	Anthracene	0.010	U	0.34	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.034	0.012
50-32-8	Benzo[a]pyrene	0.0091	U	0.034	0.0091
205-99-2	Benzo[b]fluoranthene	0.019	J	0.034	0.0088
191-24-2	Benzo[g,h,i]perylene	0.016	J	0.34	0.010
207-08-9	Benzo[k]fluoranthene	0.0067	U	0.034	0.0067
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.34	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.034	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.018	U	0.34	0.018
85-68-7	Butyl benzyl phthalate	0.016	U	0.34	0.016
86-74-8	Carbazole	0.013	U	0.34	0.013
218-01-9	Chrysene	0.0058	U	0.34	0.0058
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.034	0.015
132-64-9	Dibenzofuran	0.0048	U	0.34	0.0048
84-66-2	Diethyl phthalate	0.0050	U	0.34	0.0050

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-13_1-3_20200828 Lab Sample ID: 460-217095-2

Matrix: Solid Lab File ID: X28740.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:10

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.078	U	0.34	0.078
84-74-2	Di-n-butyl phthalate	0.060	U	0.34	0.060
117-84-0	Di-n-octyl phthalate	0.018	U	0.34	0.018
206-44-0	Fluoranthene	0.012	U	0.34	0.012
86-73-7	Fluorene	0.0046	U	0.34	0.0046
118-74-1	Hexachlorobenzene	0.016	U	0.034	0.016
87-68-3	Hexachlorobutadiene	0.0073	U	0.069	0.0073
77-47-4	Hexachlorocyclopentadiene	0.030	U	0.34	0.030
67-72-1	Hexachloroethane	0.012	U	0.034	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.016	J	0.034	0.013
78-59-1	Isophorone	0.099	U	0.14	0.099
91-20-3	Naphthalene	0.0059	U	0.34	0.0059
98-95-3	Nitrobenzene	0.0082	U	0.034	0.0082
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.034	0.025
86-30-6	N-Nitrosodiphenylamine	0.0065	U	0.34	0.0065
85-01-8	Phenanthrene	0.0060	U	0.34	0.0060
129-00-0	Pyrene	0.0085	U	0.34	0.0085

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	86		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	81		19-105
1718-51-0	Terphenyl-d14 (Surr)	109		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-13_1-3_20200828 Lab Sample ID: 460-217095-2

Matrix: Solid Lab File ID: X28740.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:10

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 17

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.98	17	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d
Lims ID: 460-217095-E-2-E
Client ID: SB-13_1-3_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 17:31:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-013
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 12:46:03 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: eisam Date: 01-Sep-2020 20:04:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	23940	40.0	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	92	30841	40.6	
* 38 Naphthalene-d8	136	5.716	5.722	-0.006	99	97120	40.0	
$ 51 2-Fluorobiphenyl	172	6.740	6.739	0.001	97	77357	43.2	
* 65 Acenaphthene-d10	164	7.375	7.381	-0.006	96	48864	40.0	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	89129	40.0	
$ 96 Terphenyl-d14	244	10.286	10.292	0.000	98	103784	54.7	
* 102 Chrysene-d12	240	11.410	11.416	-0.006	99	73242	40.0	
106 Benzo[b]fluoranthene	252	12.786	12.798	-0.012	15	655	0.2699	
* 109 Perylene-d12	264	13.333	13.333	0.000	98	79163	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.910	14.933	-0.023	30	610	0.2383	
112 Benzo[g,h,i]perylene	276	15.357	15.379	-0.029	43	564	0.2267	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d				
Lims ID:	460-217095-E-2-E				
Client ID:	SB-13_1-3_20200828				
Sample Type:	Client				
Inject. Date:	01-Sep-2020 17:31:30	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0116118-013				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	02-Sep-2020 12:46:03	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1028				
First Level Reviewer: eisam		Date:	01-Sep-2020 20:04:40		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.981	869924	249.9	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.510	139218	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

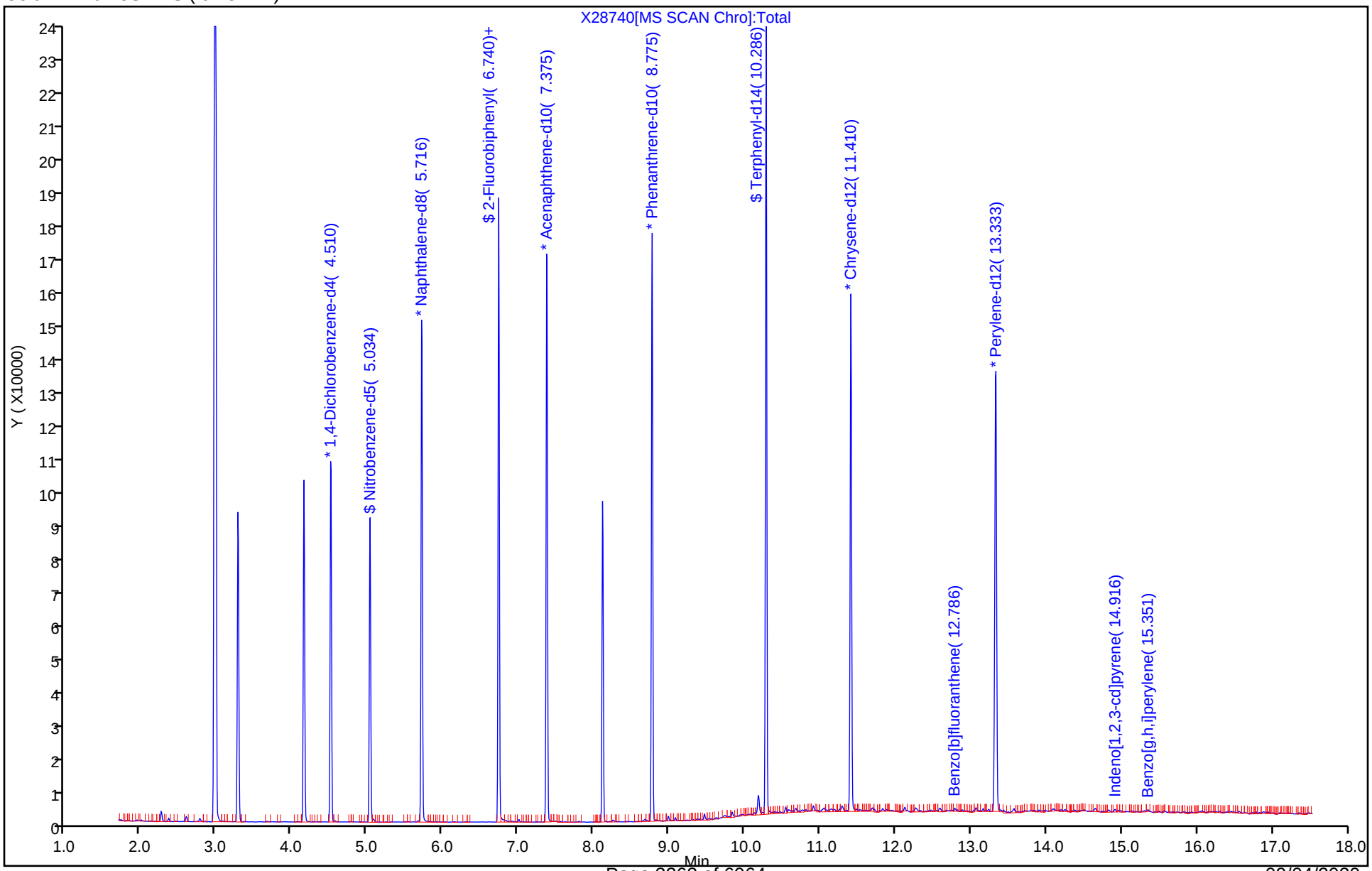
Report Date: 02-Sep-2020 12:54:02 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d

Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2	Worklist Smp#:	13
Client ID:	SB-13_1-3_20200828				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

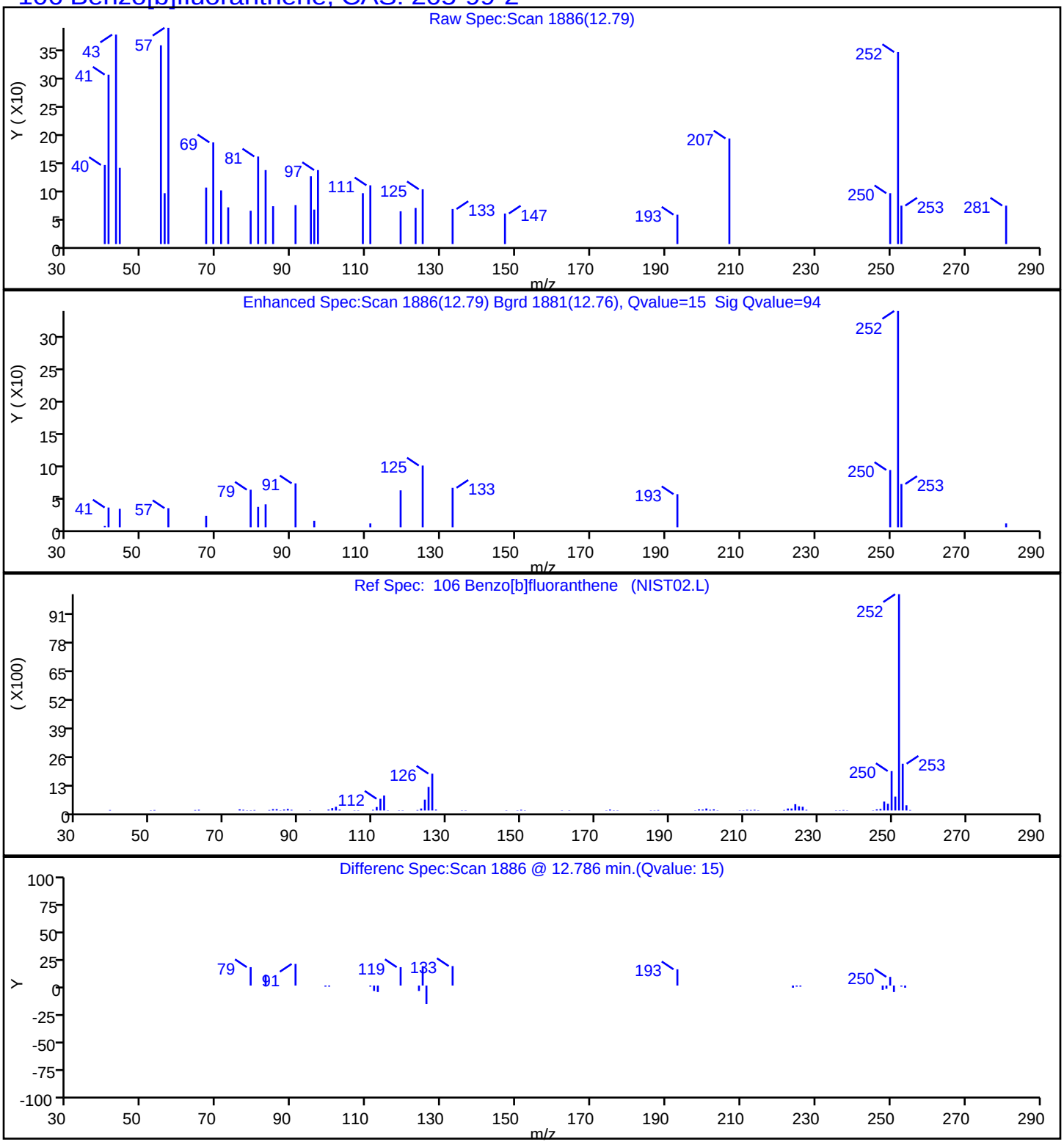
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d				
Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2		
Client ID:	SB-13_1-3_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

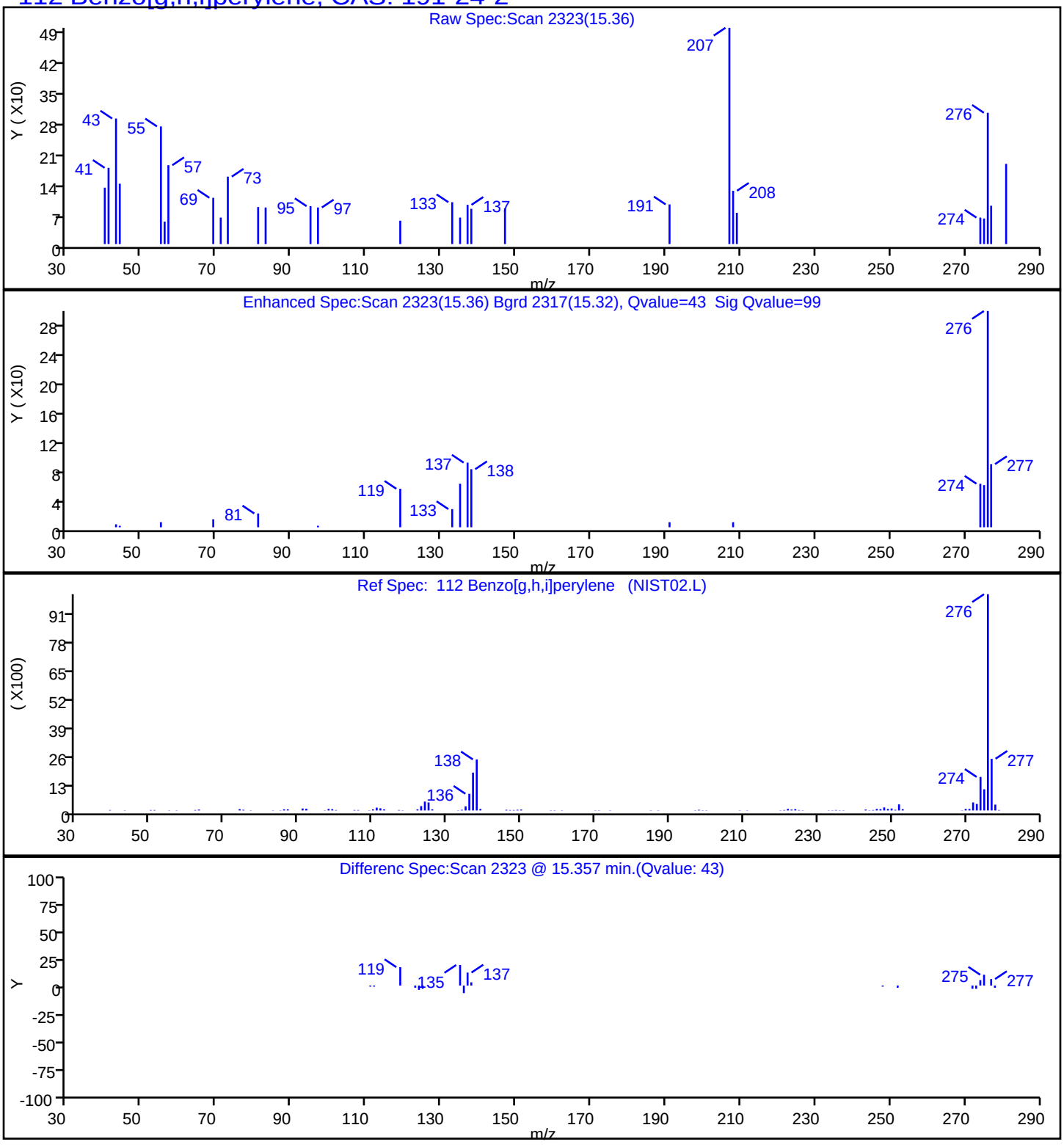
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d				
Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2		
Client ID:	SB-13_1-3_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

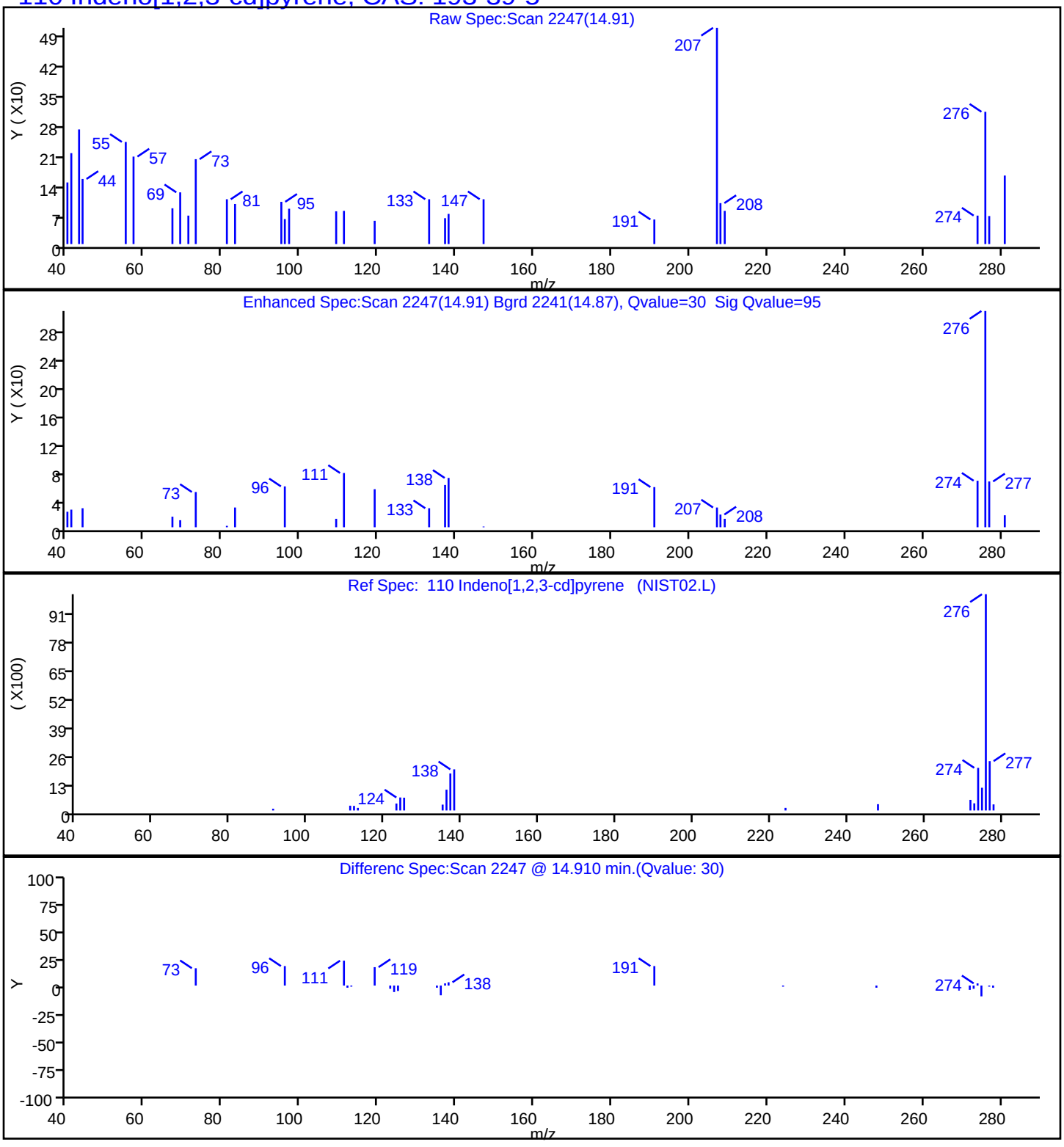
112 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d				
Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2		
Client ID:	SB-13_1-3_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



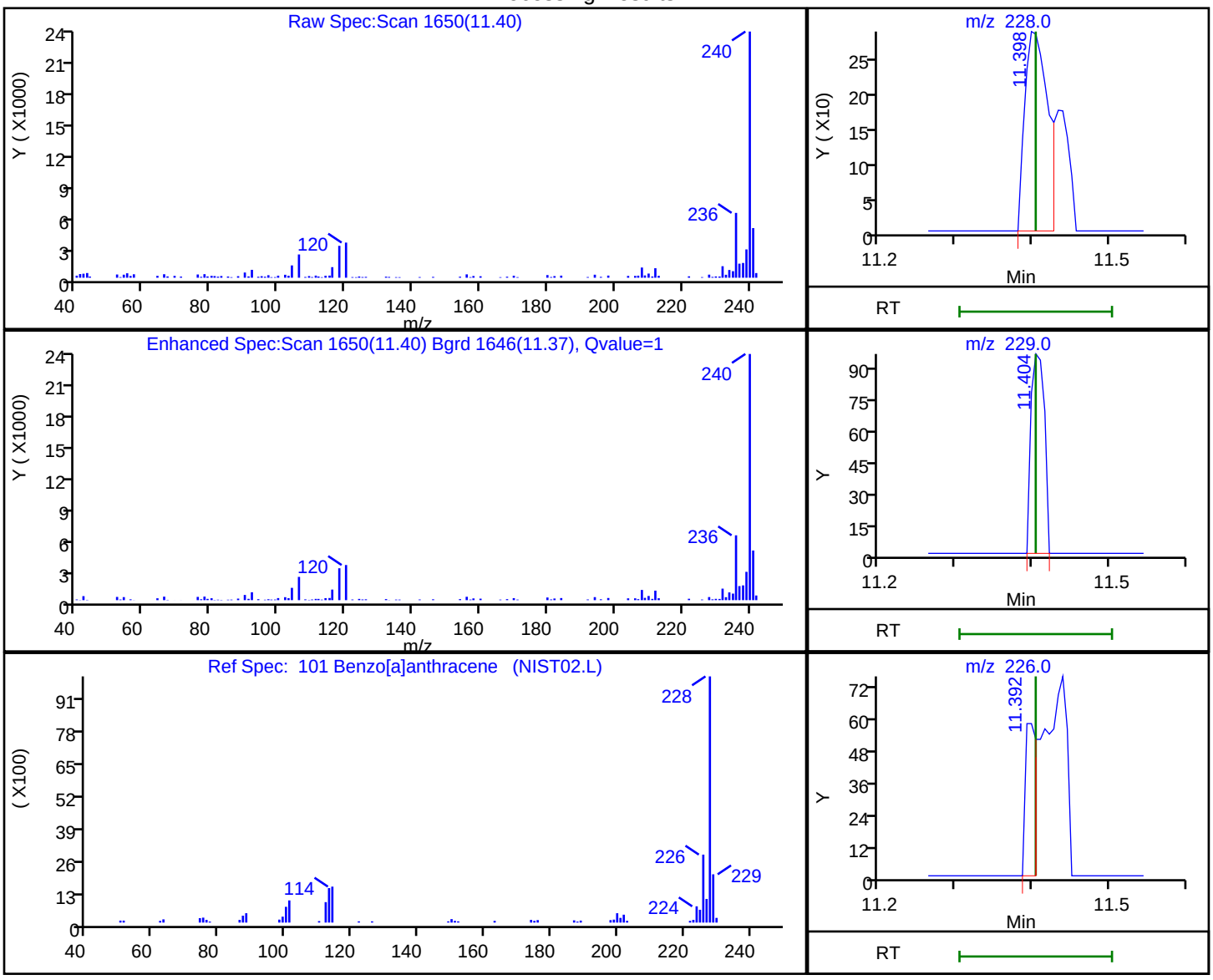
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d				
Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2		
Client ID:	SB-13_1-3_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.40	228.00	612	0.234745
11.40	229.00	119	
11.39	226.00	59	

Reviewer: eisam, 01-Sep-2020 20:04:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

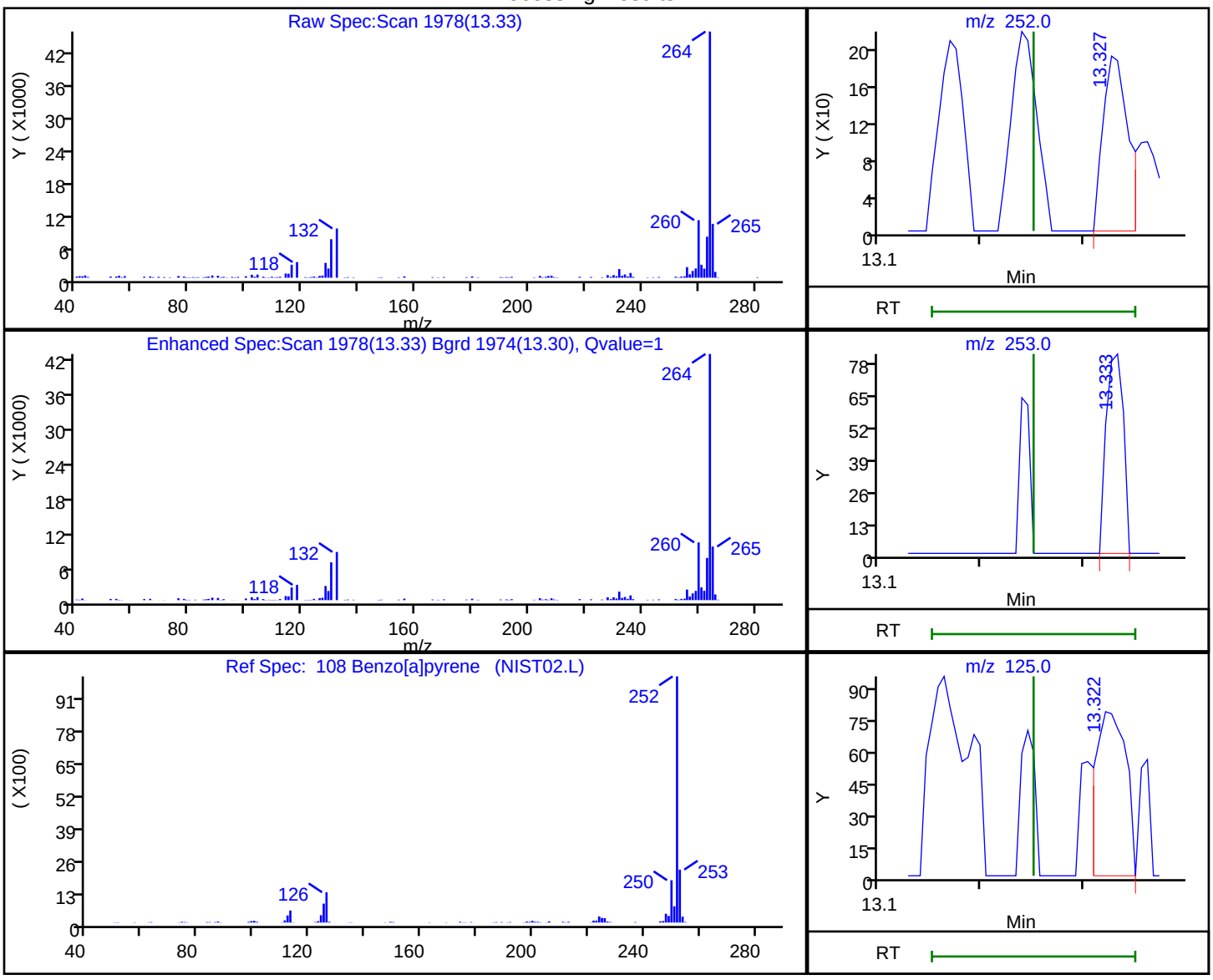
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d				
Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2		
Client ID:	SB-13_1-3_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.33	252.00	330	0.158752
13.33	253.00	96	
13.32	125.00	163	

Reviewer: eisam, 01-Sep-2020 20:04:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

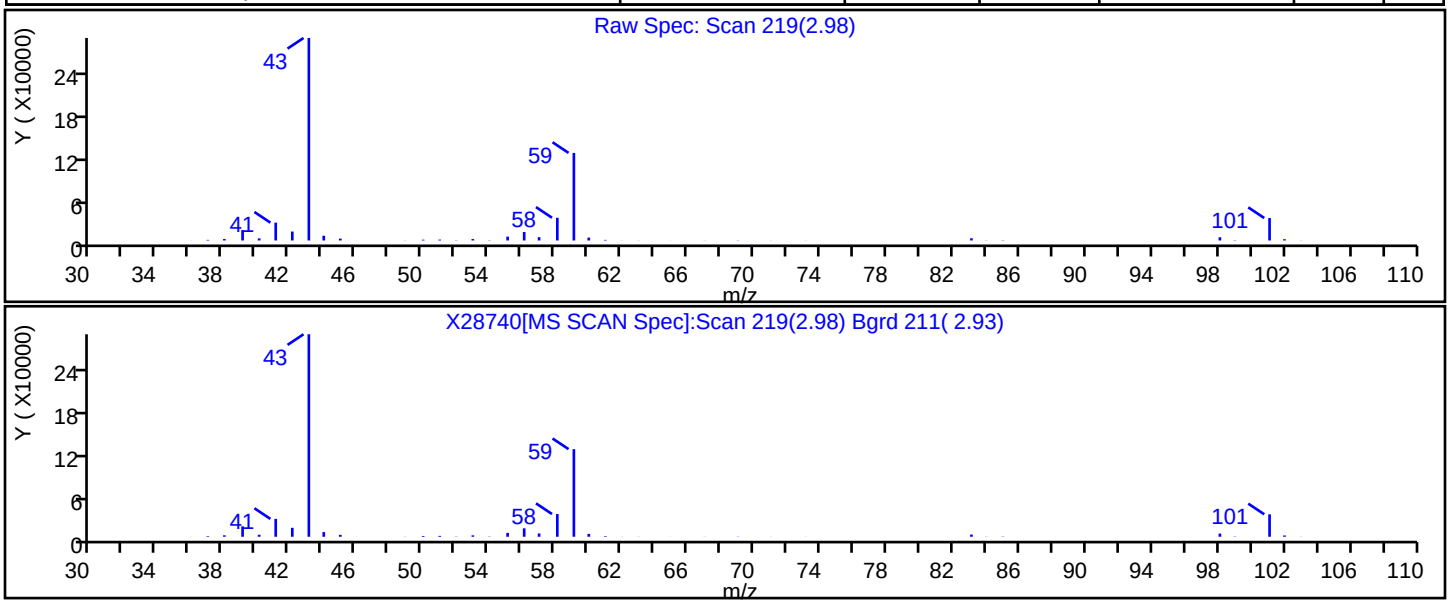
Report Date: 02-Sep-2020 12:54:02 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28740.d

Injection Date:	01-Sep-2020 17:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-2-E	Lab Sample ID:	460-217095-2		
Client ID:	SB-13_1-3_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-14_2-4_20200828 Lab Sample ID: 460-217095-3

Matrix: Solid Lab File ID: X28741.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:50

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0090	U	0.035	0.0090
95-50-1	1,2-Dichlorobenzene	0.0060	U	0.35	0.0060
541-73-1	1,3-Dichlorobenzene	0.0047	U	0.35	0.0047
106-46-7	1,4-Dichlorobenzene	0.013	U	0.35	0.013
123-91-1	1,4-Dioxane	0.0097	U	0.11	0.0097
108-60-1	2,2'-oxybis[1-chloropropane]	0.0063	U	0.35	0.0063
121-14-2	2,4-Dinitrotoluene	0.038	U	0.071	0.038
606-20-2	2,6-Dinitrotoluene	0.025	U	0.071	0.025
91-58-7	2-Chloronaphthalene	0.016	U	0.35	0.016
91-57-6	2-Methylnaphthalene	0.0098	U	0.35	0.0098
88-74-4	2-Nitroaniline	0.013	U	0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	0.053	U	0.14	0.053
99-09-2	3-Nitroaniline	0.040	U	0.35	0.040
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.35	0.014
106-47-8	4-Chloroaniline	0.025	U	0.35	0.025
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.35	0.012
100-01-6	4-Nitroaniline	0.040	U	0.35	0.040
83-32-9	Acenaphthene	0.026	U	0.35	0.026
208-96-8	Acenaphthylene	0.0036	U	0.35	0.0036
120-12-7	Anthracene	0.011	U	0.35	0.011
56-55-3	Benzo[a]anthracene	0.012	U	0.035	0.012
50-32-8	Benzo[a]pyrene	0.0093	U	0.035	0.0093
205-99-2	Benzo[b]fluoranthene	0.0091	U	0.035	0.0091
191-24-2	Benzo[g,h,i]perylene	0.010	U	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.0069	U	0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	0.027	U	0.35	0.027
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.016	U	0.35	0.016
86-74-8	Carbazole	0.013	U	0.35	0.013
218-01-9	Chrysene	0.0059	U	0.35	0.0059
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.035	0.015
132-64-9	Dibenzofuran	0.0049	U	0.35	0.0049
84-66-2	Diethyl phthalate	0.0051	U	0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-14_2-4_20200828 Lab Sample ID: 460-217095-3

Matrix: Solid Lab File ID: X28741.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:50

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.080	U	0.35	0.080
84-74-2	Di-n-butyl phthalate	0.062	U	0.35	0.062
117-84-0	Di-n-octyl phthalate	0.019	U	0.35	0.019
206-44-0	Fluoranthene	0.012	U	0.35	0.012
86-73-7	Fluorene	0.0048	U	0.35	0.0048
118-74-1	Hexachlorobenzene	0.017	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.0075	U	0.071	0.0075
77-47-4	Hexachlorocyclopentadiene	0.031	U	0.35	0.031
67-72-1	Hexachloroethane	0.012	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.014	U	0.035	0.014
78-59-1	Isophorone	0.10	U	0.14	0.10
91-20-3	Naphthalene	0.0061	U	0.35	0.0061
98-95-3	Nitrobenzene	0.0084	U	0.035	0.0084
621-64-7	N-Nitrosodi-n-propylamine	0.025	U	0.035	0.025
86-30-6	N-Nitrosodiphenylamine	0.0067	U	0.35	0.0067
85-01-8	Phenanthrene	0.0062	U	0.35	0.0062
129-00-0	Pyrene	0.0087	U	0.35	0.0087

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	78		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	74		19-105
1718-51-0	Terphenyl-d14 (Surr)	106		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-14_2-4_20200828 Lab Sample ID: 460-217095-3

Matrix: Solid Lab File ID: X28741.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:50

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 17:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 3.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.98	3.6	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28741.d
Lims ID: 460-217095-E-3-D
Client ID: SB-14_2-4_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 17:55:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-014
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 12:46:03 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: eisam Date: 01-Sep-2020 20:05:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	24093	40.0	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	92	27620	36.9	
* 38 Naphthalene-d8	136	5.716	5.722	-0.006	98	95686	40.0	
$ 51 2-Fluorobiphenyl	172	6.740	6.739	0.001	97	70398	38.8	
* 65 Acenaphthene-d10	164	7.375	7.381	-0.006	96	49500	40.0	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	90955	40.0	
$ 96 Terphenyl-d14	244	10.286	10.292	0.000	98	105787	53.2	
* 102 Chrysene-d12	240	11.410	11.416	-0.006	99	76818	40.0	
* 109 Perylene-d12	264	13.333	13.333	0.000	98	81662	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28741.d				
Lims ID:	460-217095-E-3-D				
Client ID:	SB-14_2-4_20200828				
Sample Type:	Client				
Inject. Date:	01-Sep-2020 17:55:30	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0116118-014				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	02-Sep-2020 12:46:03	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1028				
First Level Reviewer: eisam		Date:	01-Sep-2020 20:05:37		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.975	179762	51.5	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.510	139723	40.0

QC Flag Legend

Processing Flags

Reagents:

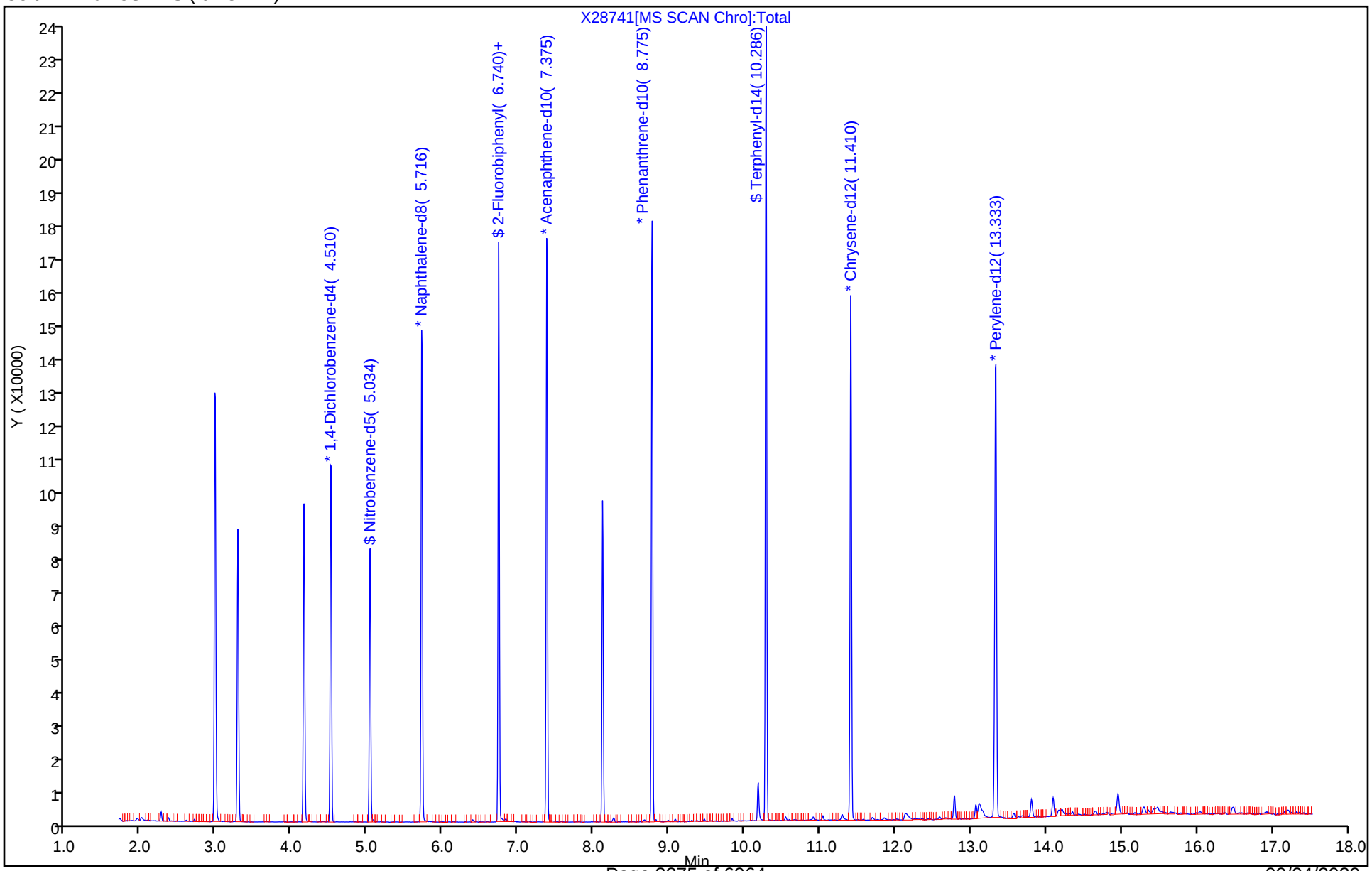
SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 12:54:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28741.d				
Injection Date:	01-Sep-2020 17:55:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-217095-E-3-D	Lab Sample ID:	460-217095-3	Worklist Smp#:	14
Client ID:	SB-14_2-4_20200828				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



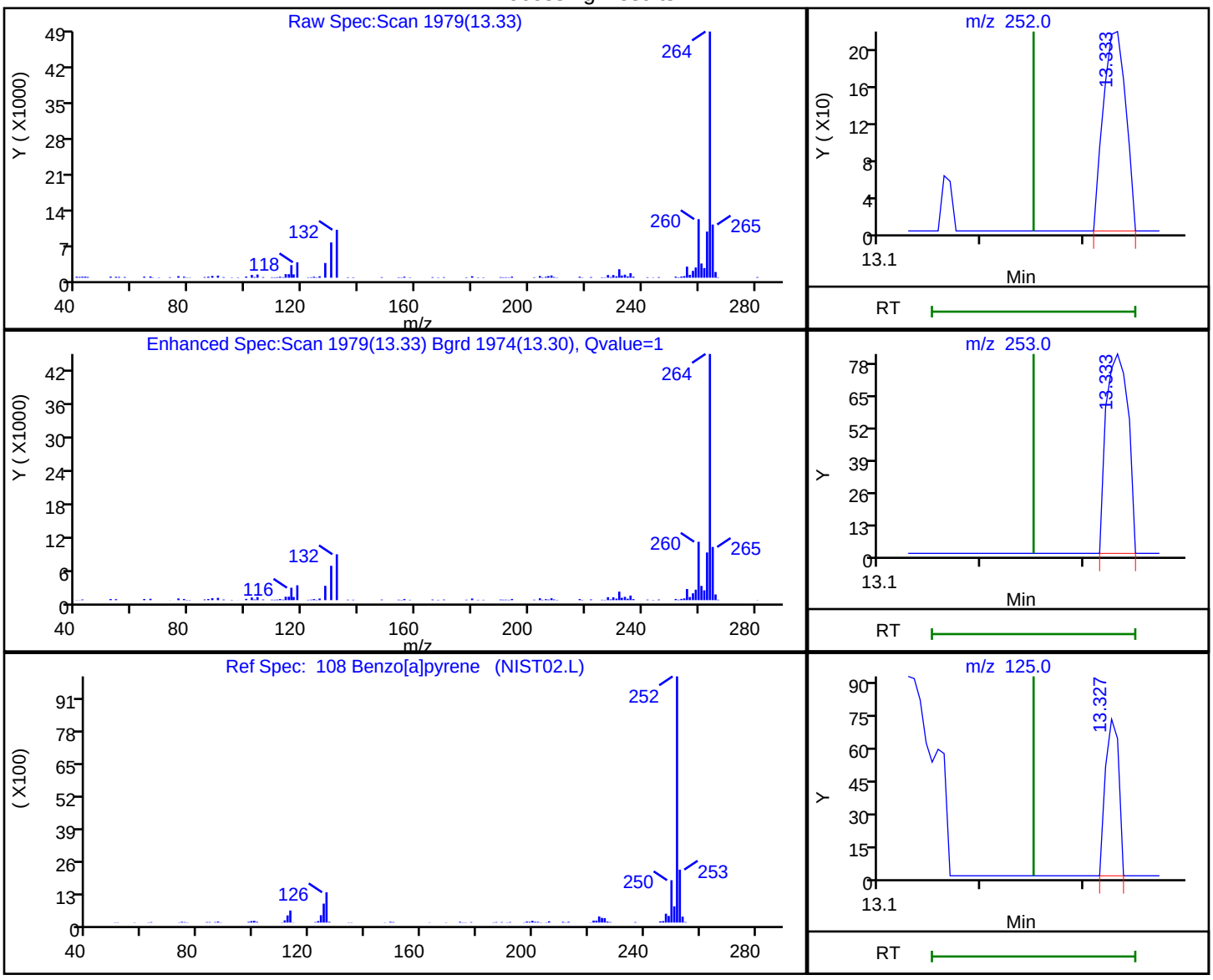
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28741.d				
Injection Date:	01-Sep-2020 17:55:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-3-D	Lab Sample ID:	460-217095-3		
Client ID:	SB-14_2-4_20200828				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.33	252.00	326	0.152029
13.33	253.00	122	
13.33	125.00	66	

Reviewer: eisam, 01-Sep-2020 20:05:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

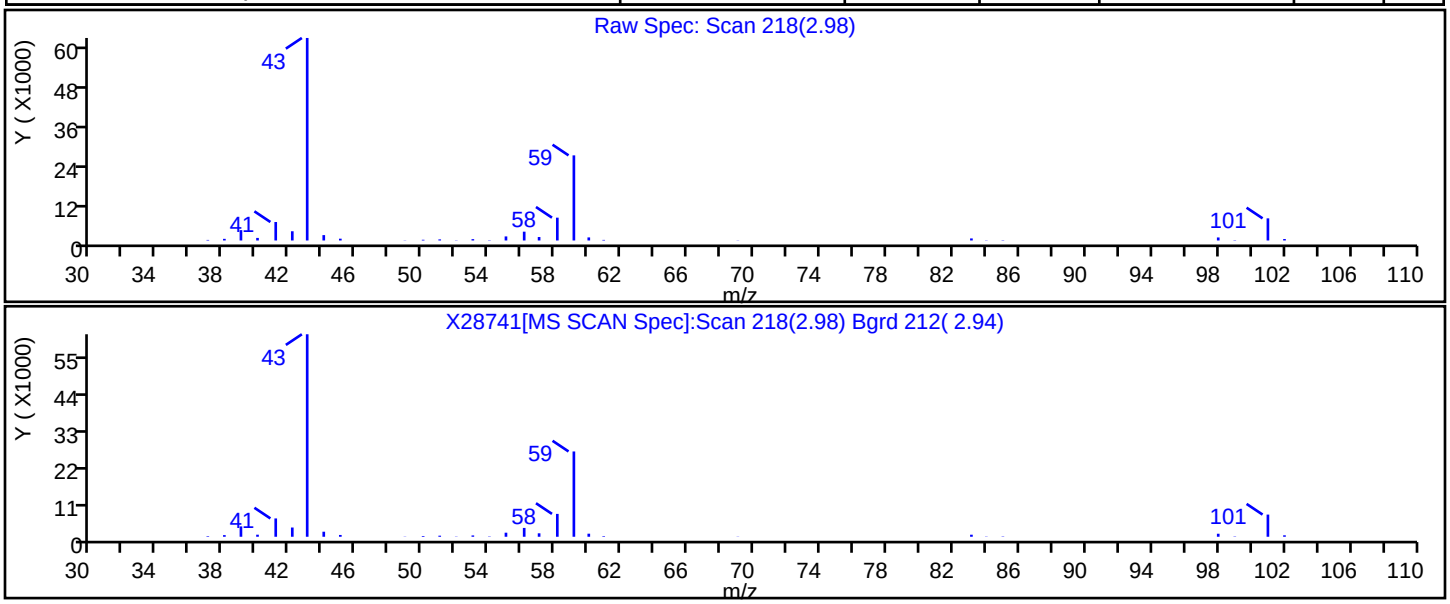
Report Date: 02-Sep-2020 12:54:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28741.d

Injection Date:	01-Sep-2020 17:55:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-3-D	Lab Sample ID:	460-217095-3		
Client ID:	SB-14_2-4_20200828				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-11_3-5_20200828 Lab Sample ID: 460-217095-4

Matrix: Solid Lab File ID: X28745.d

Analysis Method: 8270D Date Collected: 08/28/2020 10:15

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 19:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0091	U	0.035	0.0091
95-50-1	1,2-Dichlorobenzene	0.0061	U	0.35	0.0061
541-73-1	1,3-Dichlorobenzene	0.0047	U	0.35	0.0047
106-46-7	1,4-Dichlorobenzene	0.014	U	0.35	0.014
123-91-1	1,4-Dioxane	0.0098	U	0.11	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	0.0064	U	0.35	0.0064
121-14-2	2,4-Dinitrotoluene	0.038	U	0.072	0.038
606-20-2	2,6-Dinitrotoluene	0.026	U	0.072	0.026
91-58-7	2-Chloronaphthalene	0.016	U	0.35	0.016
91-57-6	2-Methylnaphthalene	0.0099	U	0.35	0.0099
88-74-4	2-Nitroaniline	0.013	U	0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	0.054	U	0.14	0.054
99-09-2	3-Nitroaniline	0.040	U	0.35	0.040
101-55-3	4-Bromophenyl phenyl ether	0.014	U	0.35	0.014
106-47-8	4-Chloroaniline	0.025	U	0.35	0.025
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.35	0.013
100-01-6	4-Nitroaniline	0.041	U	0.35	0.041
83-32-9	Acenaphthene	0.026	U	0.35	0.026
208-96-8	Acenaphthylene	0.0037	U	0.35	0.0037
120-12-7	Anthracene	0.011	U	0.35	0.011
56-55-3	Benzo[a]anthracene	0.081		0.035	0.012
50-32-8	Benzo[a]pyrene	0.11		0.035	0.0094
205-99-2	Benzo[b]fluoranthene	0.14		0.035	0.0092
191-24-2	Benzo[g,h,i]perylene	0.10	J	0.35	0.010
207-08-9	Benzo[k]fluoranthene	0.050		0.035	0.0070
111-91-1	Bis(2-chloroethoxy)methane	0.028	U	0.35	0.028
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.019	U	0.35	0.019
85-68-7	Butyl benzyl phthalate	0.017	U	0.35	0.017
86-74-8	Carbazole	0.013	U	0.35	0.013
218-01-9	Chrysene	0.076	J	0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	0.015	U	0.035	0.015
132-64-9	Dibenzofuran	0.0050	U	0.35	0.0050
84-66-2	Diethyl phthalate	0.0051	U	0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-11_3-5_20200828 Lab Sample ID: 460-217095-4

Matrix: Solid Lab File ID: X28745.d

Analysis Method: 8270D Date Collected: 08/28/2020 10:15

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 19:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.081	U	0.35	0.081
84-74-2	Di-n-butyl phthalate	0.063	U	0.35	0.063
117-84-0	Di-n-octyl phthalate	0.019	U	0.35	0.019
206-44-0	Fluoranthene	0.083	J	0.35	0.012
86-73-7	Fluorene	0.0048	U	0.35	0.0048
118-74-1	Hexachlorobenzene	0.017	U	0.035	0.017
87-68-3	Hexachlorobutadiene	0.0075	U	0.072	0.0075
77-47-4	Hexachlorocyclopentadiene	0.031	U	0.35	0.031
67-72-1	Hexachloroethane	0.012	U	0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.10		0.035	0.014
78-59-1	Isophorone	0.10	U	0.14	0.10
91-20-3	Naphthalene	0.0061	U	0.35	0.0061
98-95-3	Nitrobenzene	0.0085	U	0.035	0.0085
621-64-7	N-Nitrosodi-n-propylamine	0.026	U	0.035	0.026
86-30-6	N-Nitrosodiphenylamine	0.0068	U	0.35	0.0068
85-01-8	Phenanthrene	0.025	J	0.35	0.0062
129-00-0	Pyrene	0.093	J	0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	77		19-105
1718-51-0	Terphenyl-d14 (Surr)	107		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-11_3-5_20200828 Lab Sample ID: 460-217095-4

Matrix: Solid Lab File ID: X28745.d

Analysis Method: 8270D Date Collected: 08/28/2020 10:15

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 19:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

Number TICs Found: 2 TIC Result Total: 200.37

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.06	200	A J	
80-05-7	Phenol, 4,4'-(1-methylethylidene)bis-	10.18	0.37	J N	98%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d
Lims ID: 460-217095-E-4-C
Client ID: SB-11_3-5_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 19:29:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-018
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 12:56:29 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: eisam Date: 01-Sep-2020 20:26:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	24776	40.0	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	92	30323	38.3	
* 38 Naphthalene-d8	136	5.722	5.722	0.000	99	101243	40.0	
$ 51 2-Fluorobiphenyl	172	6.739	6.739	0.000	96	76058	41.3	
* 65 Acenaphthene-d10	164	7.381	7.381	0.000	96	50186	40.0	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	91499	40.0	
89 Phenanthrene	178	8.798	8.798	0.000	1	949	0.3459	
93 Fluoranthene	202	9.922	9.922	0.000	87	3472	1.16	
95 Pyrene	202	10.133	10.128	0.000	86	3642	1.30	
$ 96 Terphenyl-d14	244	10.286	10.292	0.000	98	103525	53.7	
101 Benzo[a]anthracene	228	11.398	11.410	-0.006	28	3007	1.14	
* 102 Chrysene-d12	240	11.410	11.416	-0.006	99	74422	40.0	
103 Chrysene	228	11.439	11.451	-0.006	70	2688	1.07	
106 Benzo[b]fluoranthene	252	12.792	12.798	-0.006	84	5036	1.99	M
107 Benzo[k]fluoranthene	252	12.816	12.839	-0.023	1	1785	0.7042	M
108 Benzo[a]pyrene	252	13.245	13.262	-0.006	87	3487	1.61	
* 109 Perylene-d12	264	13.333	13.333	0.000	98	82550	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.910	14.933	-0.023	85	3788	1.42	
112 Benzo[g,h,i]perylene	276	15.357	15.386	-0.029	73	3758	1.45	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Lims ID:	460-217095-E-4-C				
Client ID:	SB-11_3-5_20200828				
Sample Type:	Client				
Inject. Date:	01-Sep-2020 19:29:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0116118-018				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	02-Sep-2020 12:56:29	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1028				
First Level Reviewer: eisam		Date:	01-Sep-2020 20:26:52		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
3.057	10121269	2739.8	14	0	0		0	
	80-05-7	Phenol, 4,4'-(1-methylethylidene)bis-						
10.180	28331	5.23	102	98	75160	C15H16O2	228	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.516	147766	40.0
* 102 Chrysene-d12	11.410	216776	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

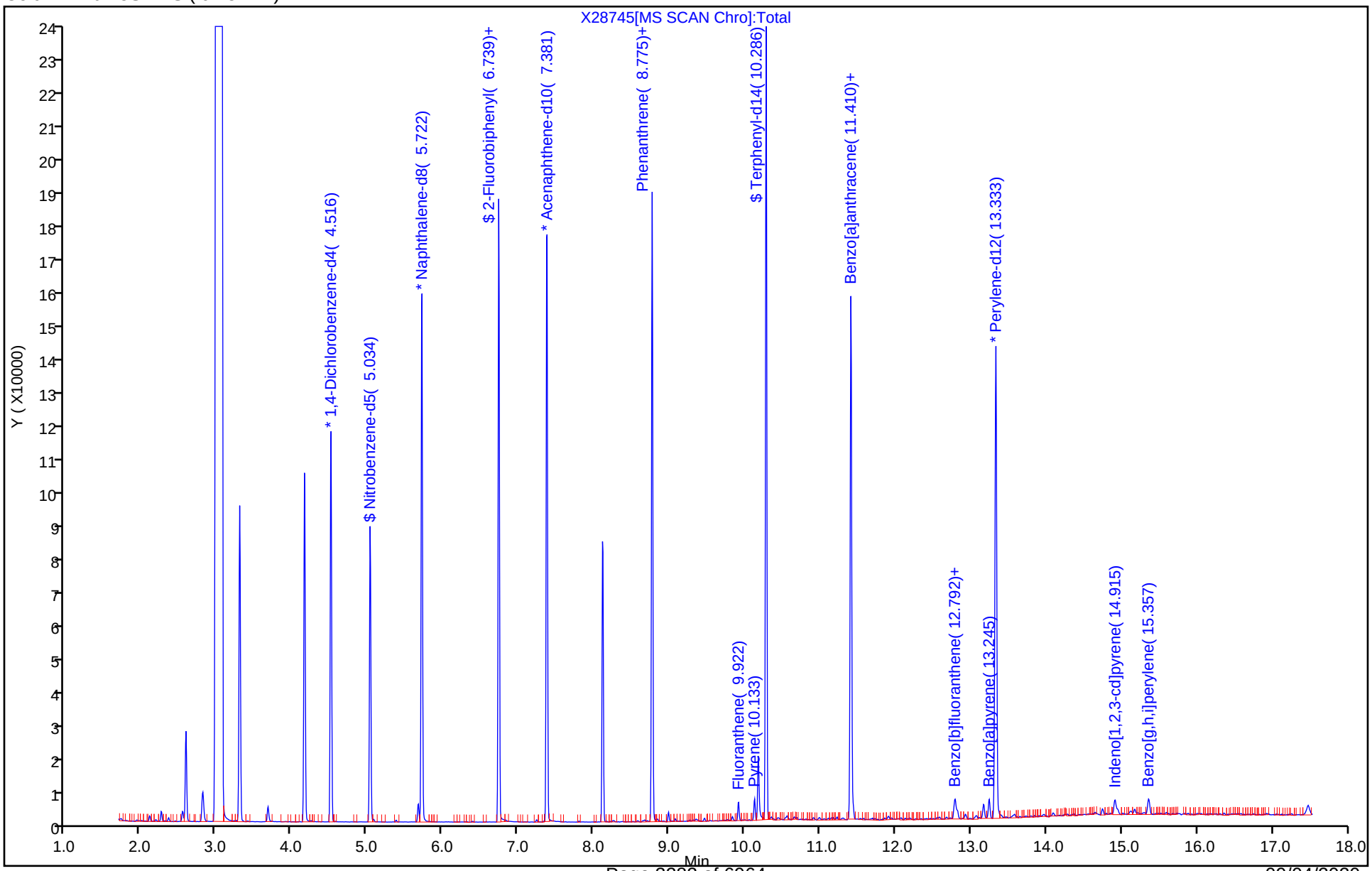
Report Date: 02-Sep-2020 12:57:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d

Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4	Worklist Smp#:	18
Client ID:	SB-11_3-5_20200828				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

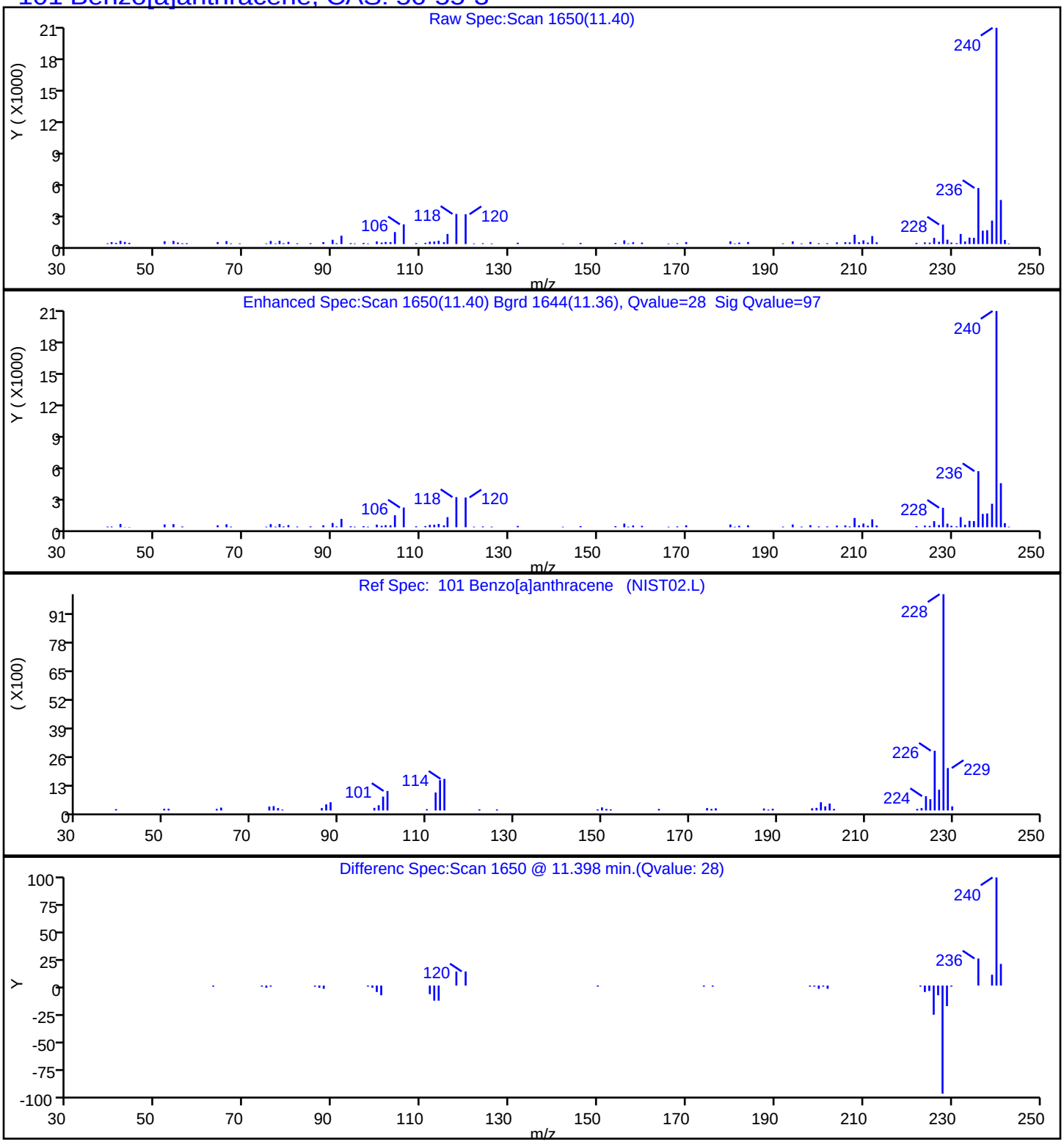
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

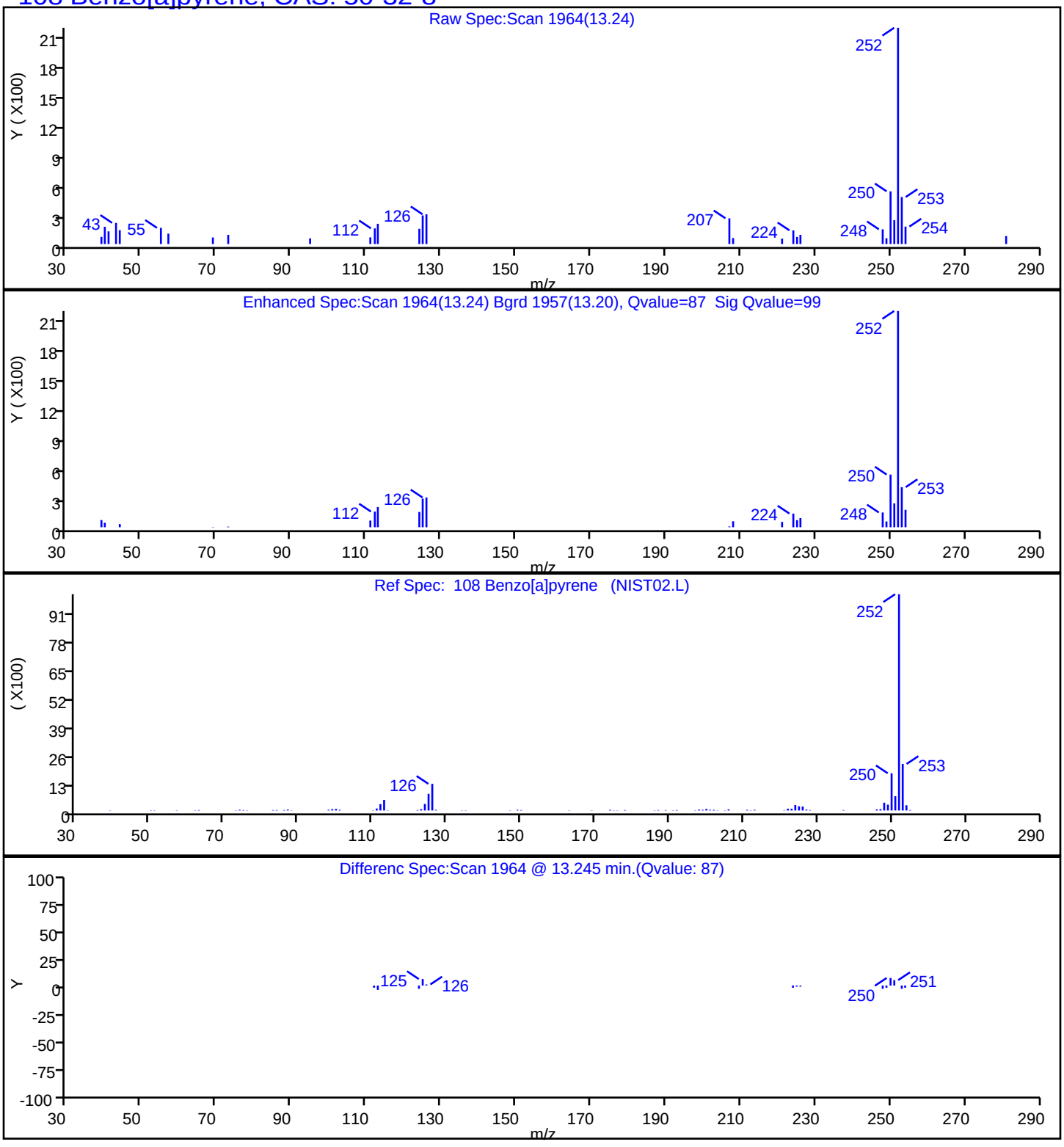
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

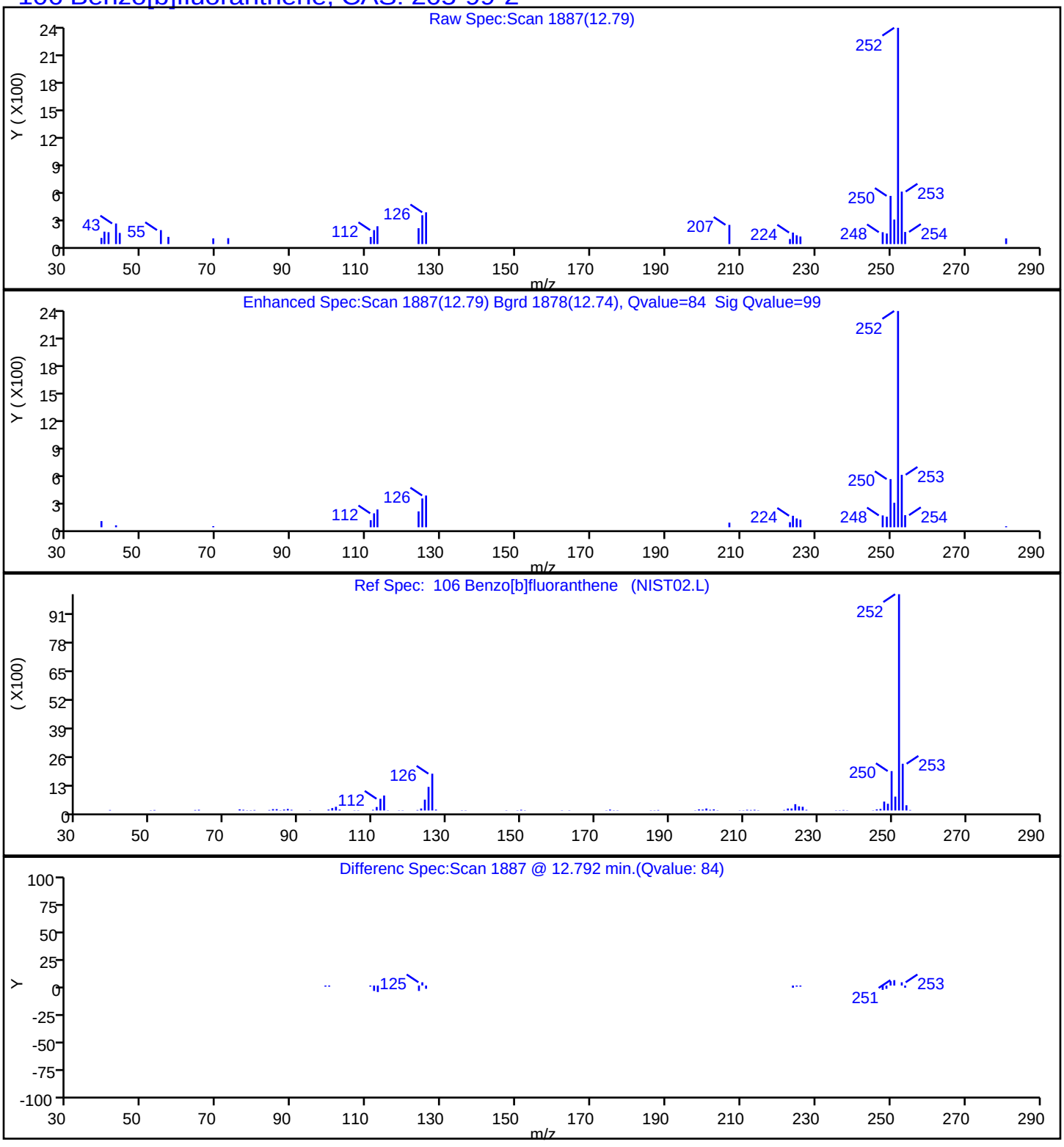
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

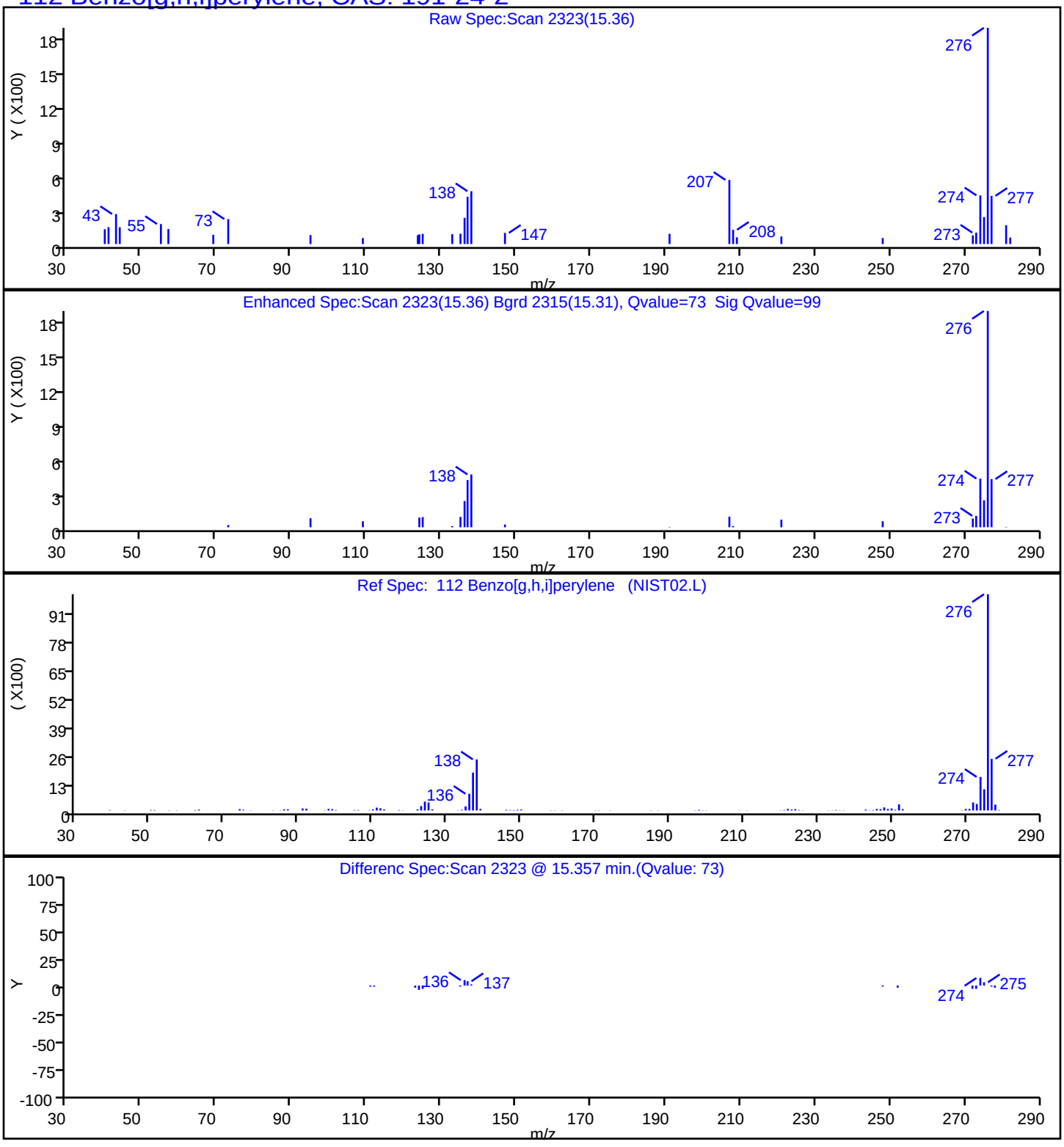
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

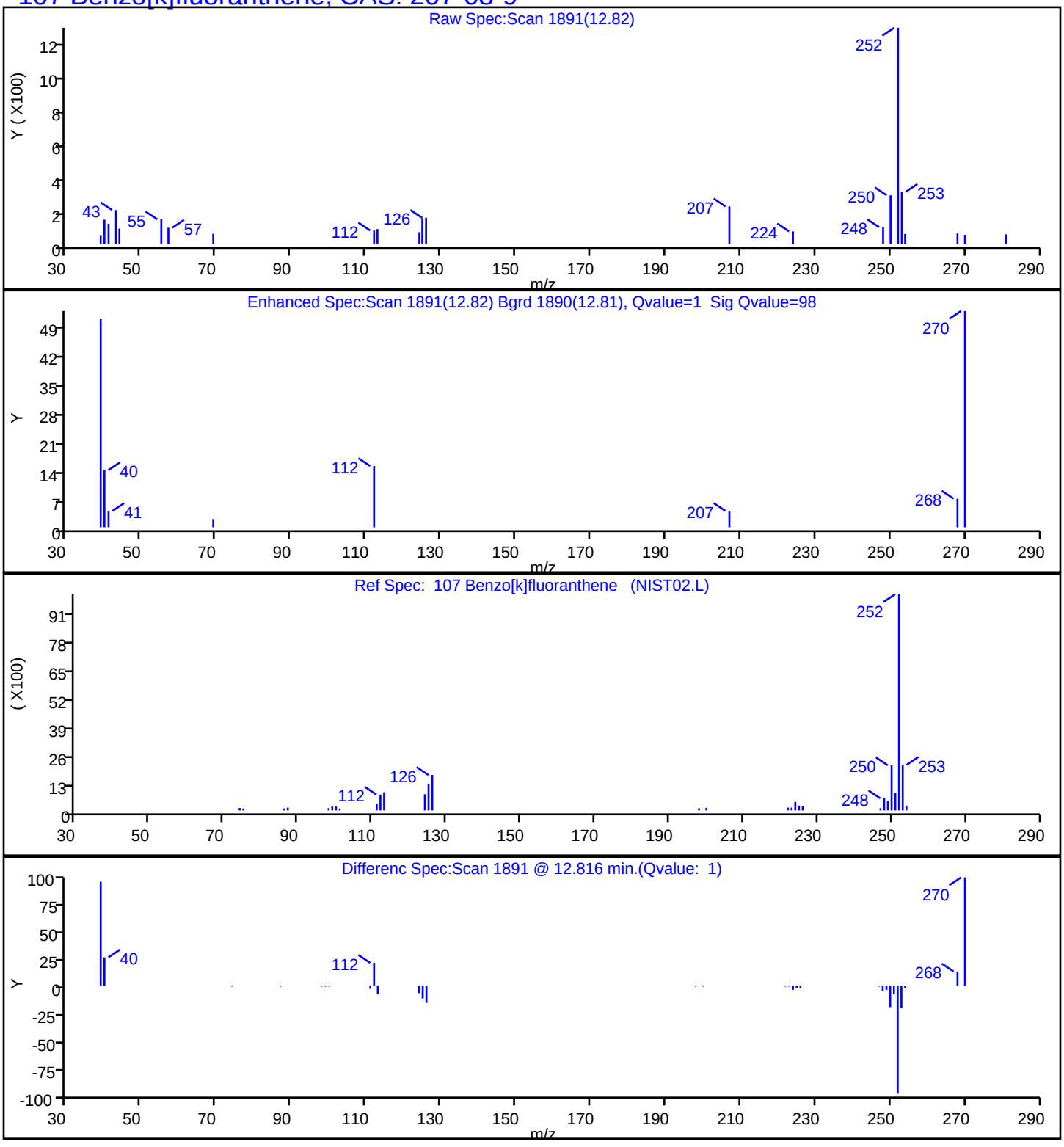
112 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

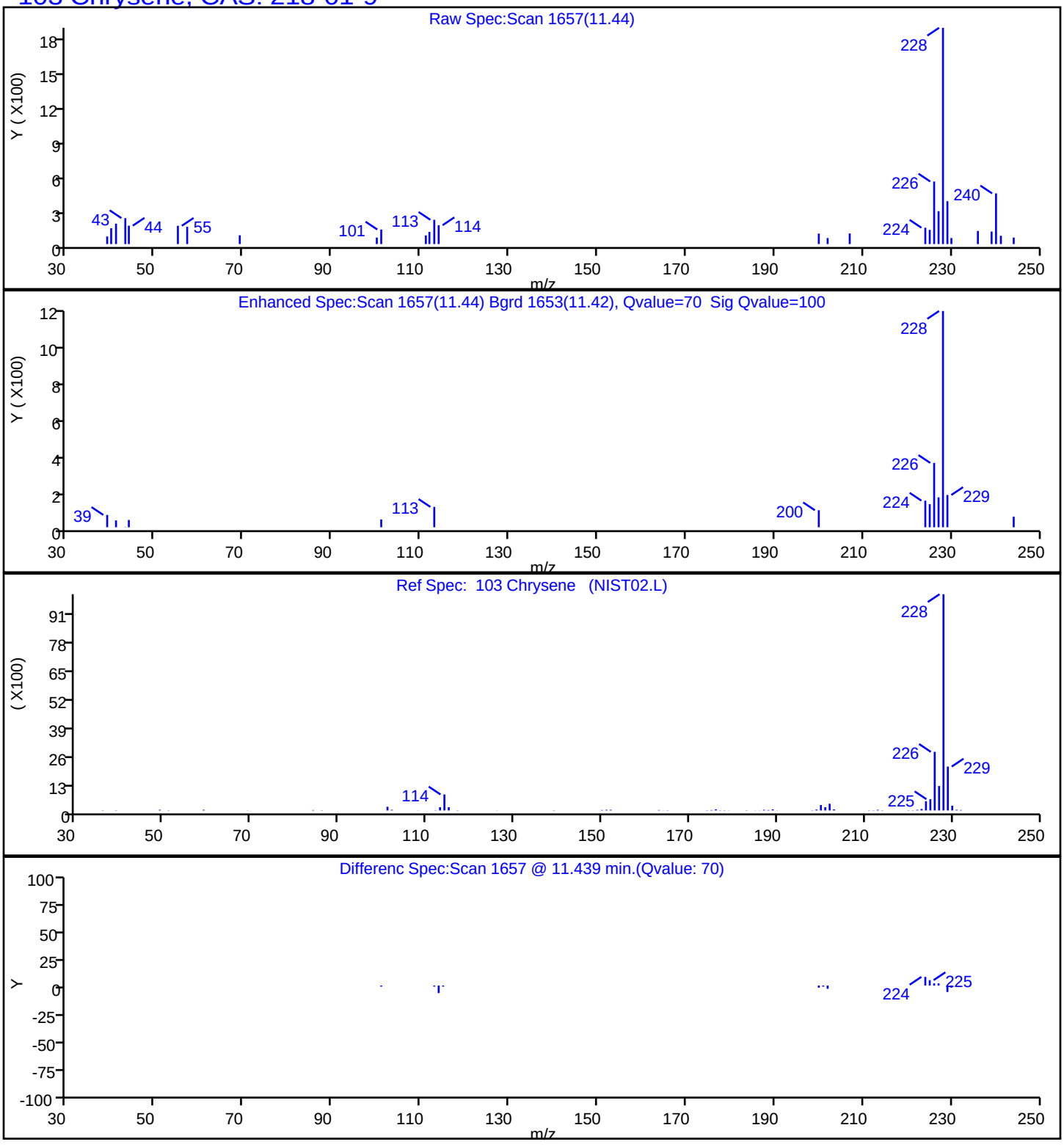
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

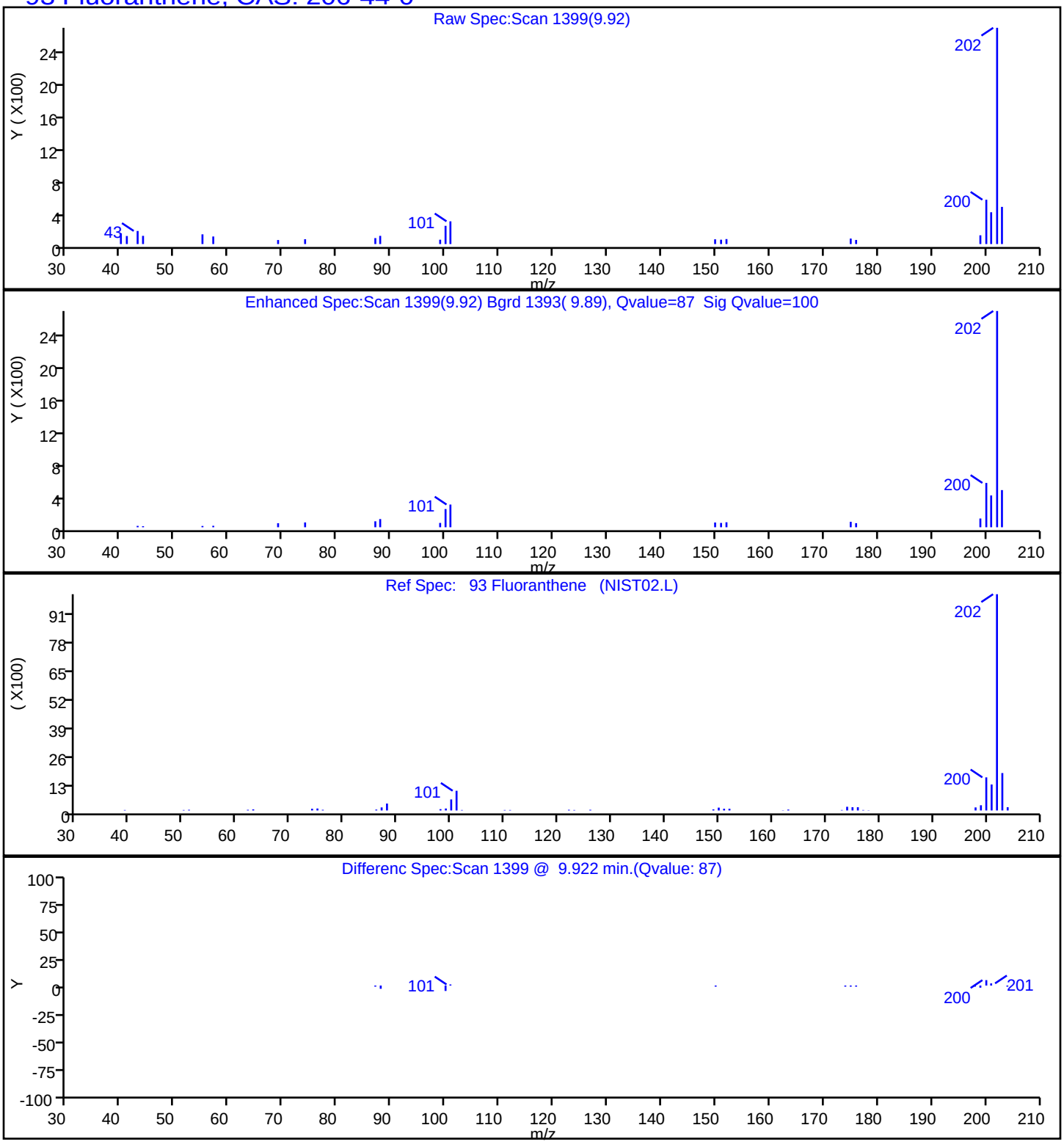
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

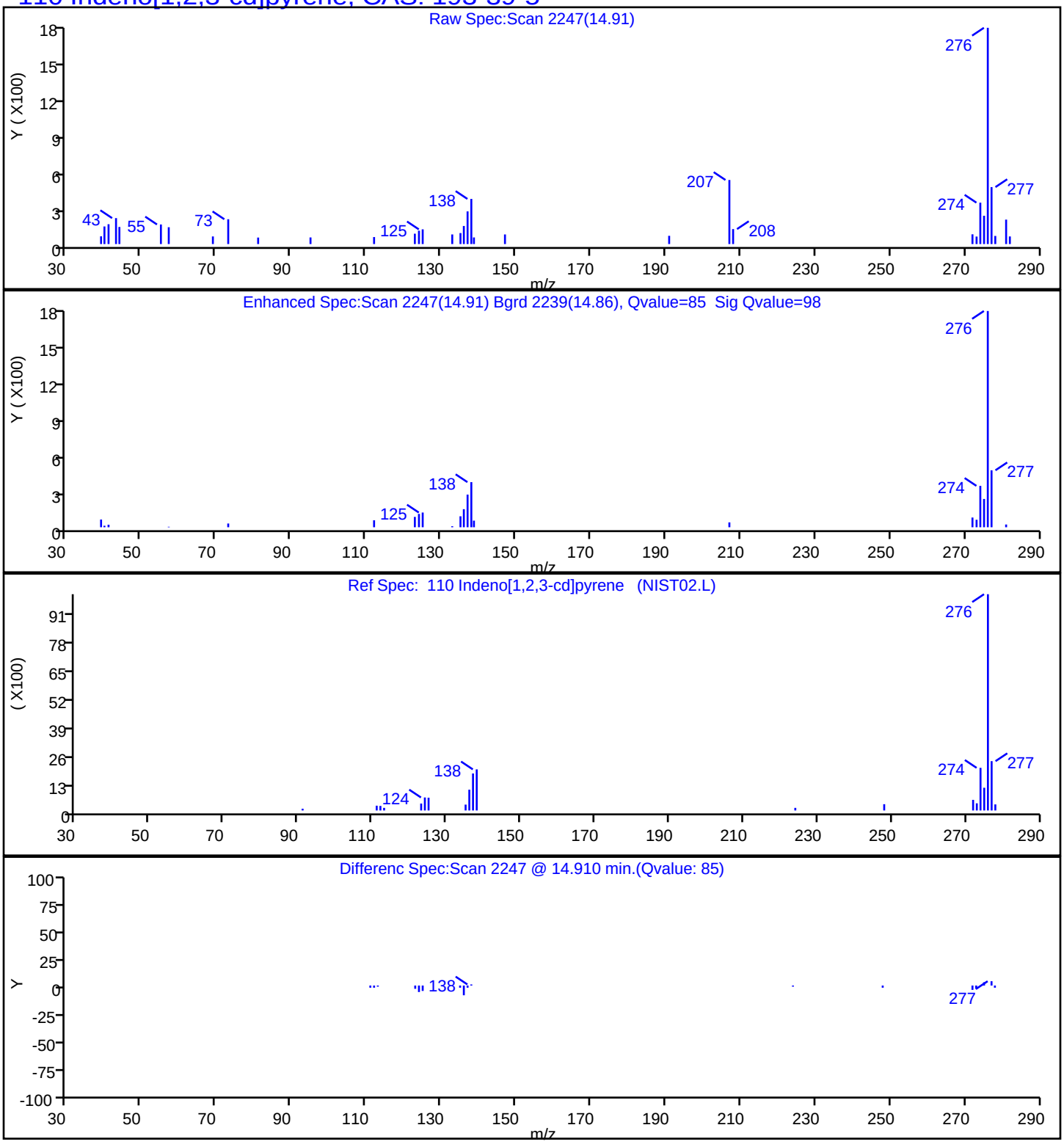
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

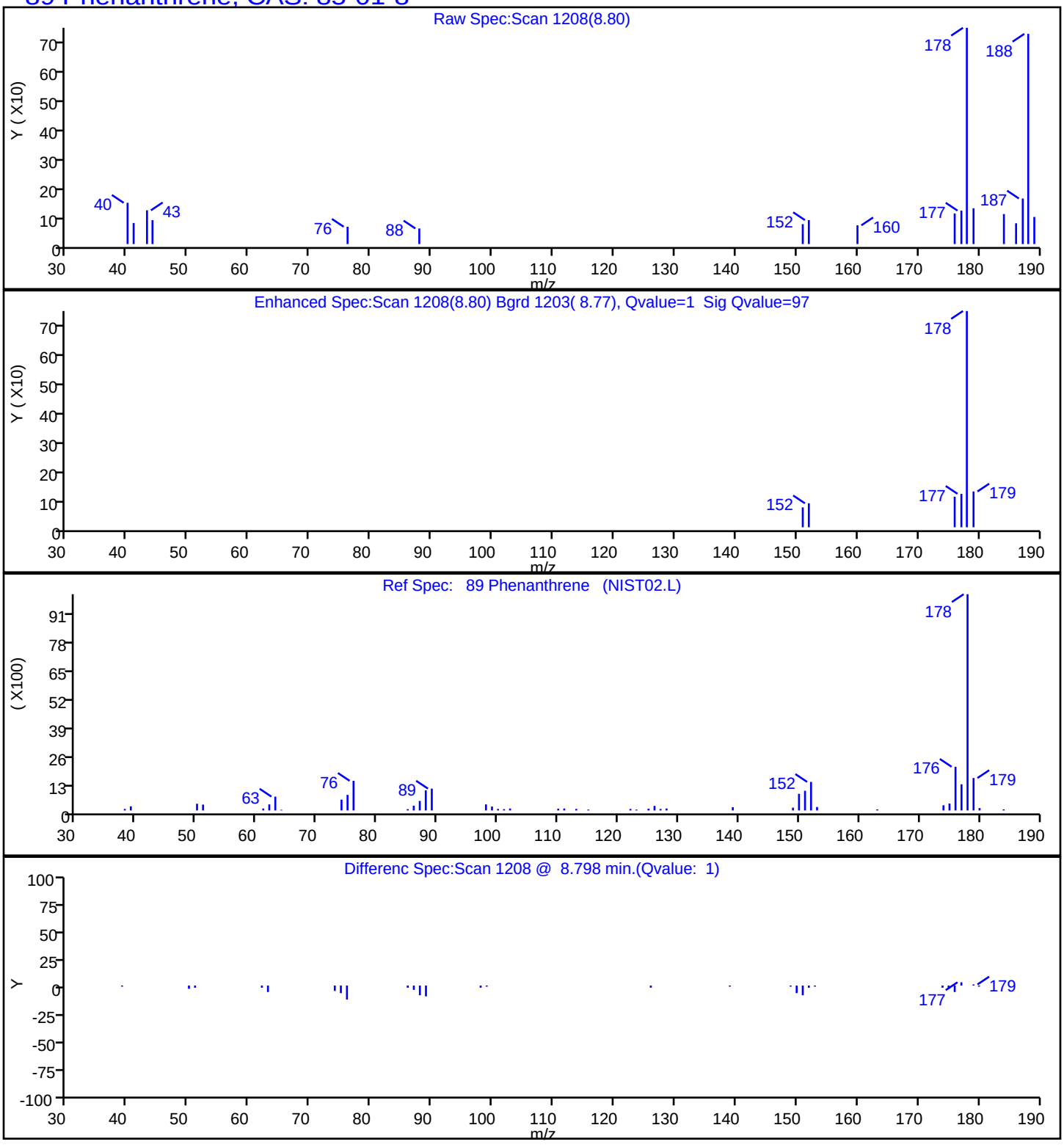
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

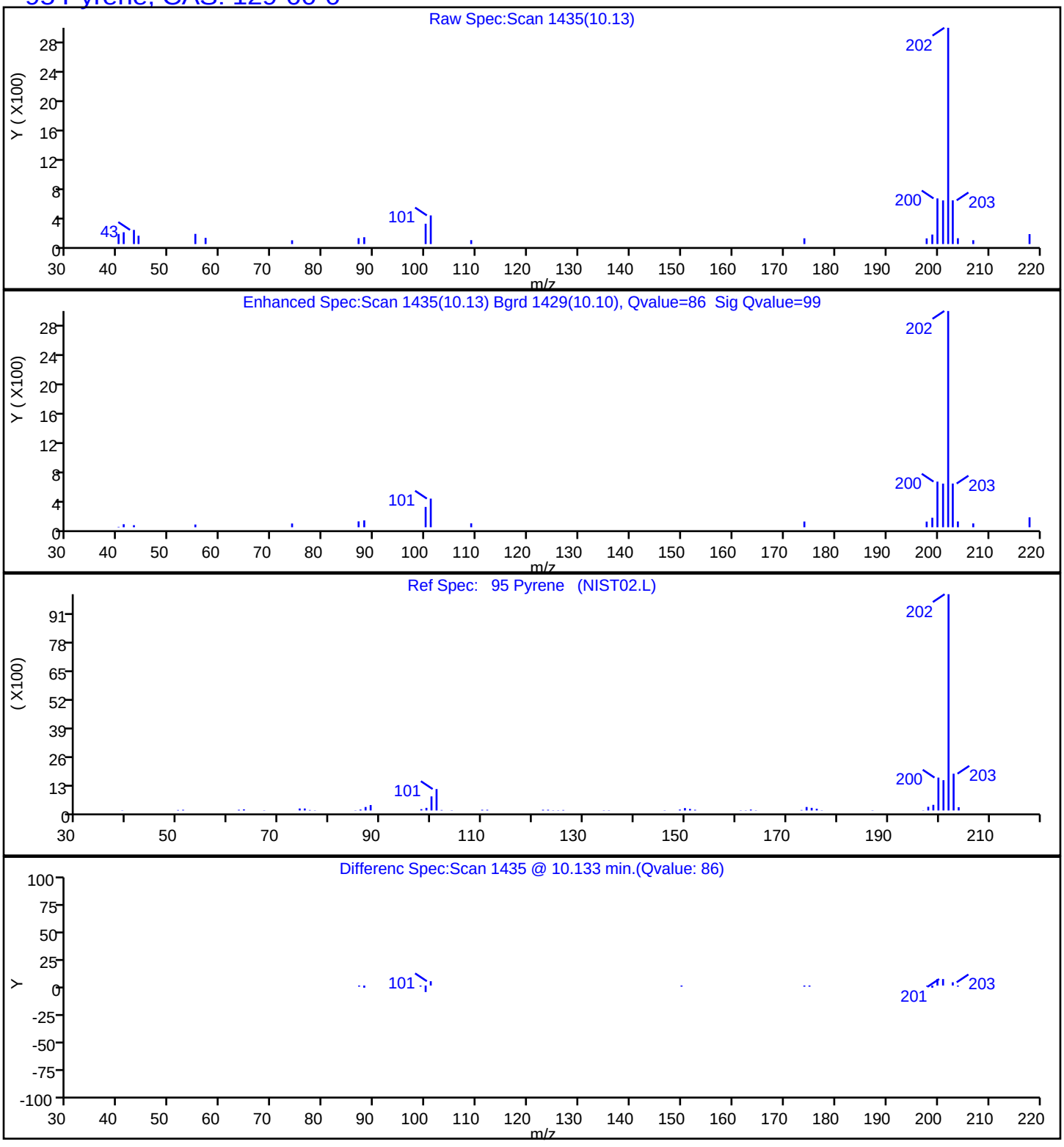
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

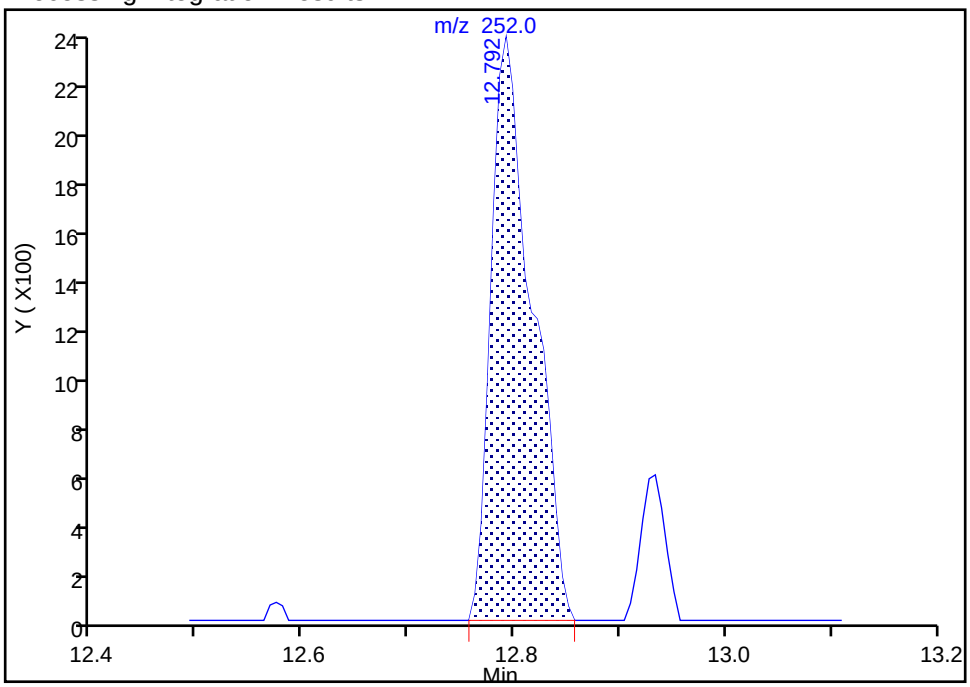
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

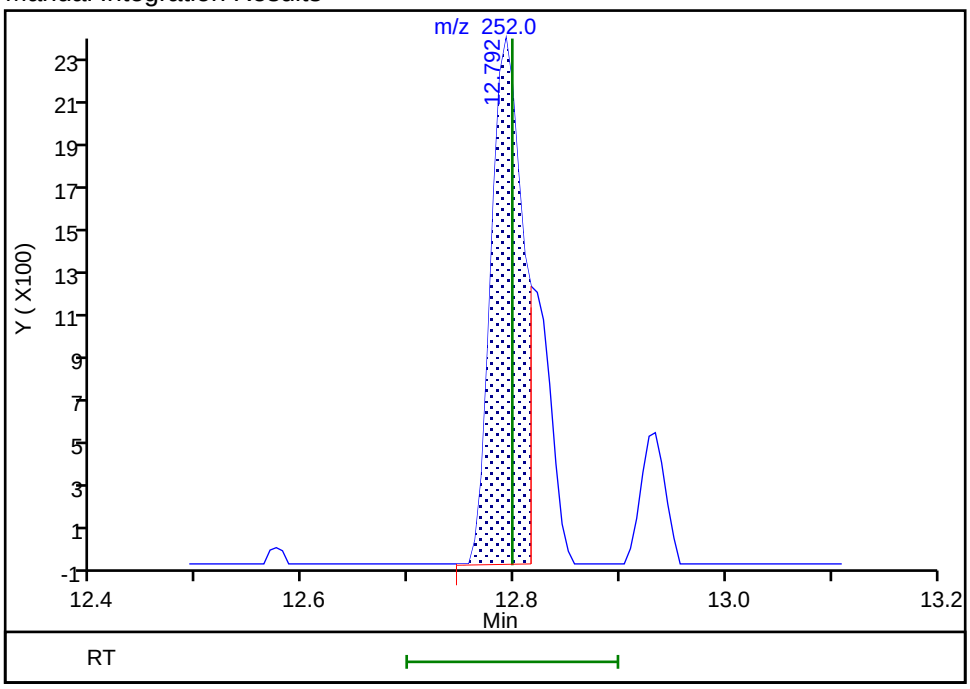
Processing Integration Results

RT: 12.79
Area: 6366
Amount: 2.515806
Amount Units: ug/ml



Manual Integration Results

RT: 12.79
Area: 5036
Amount: 1.990198
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 20:09:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

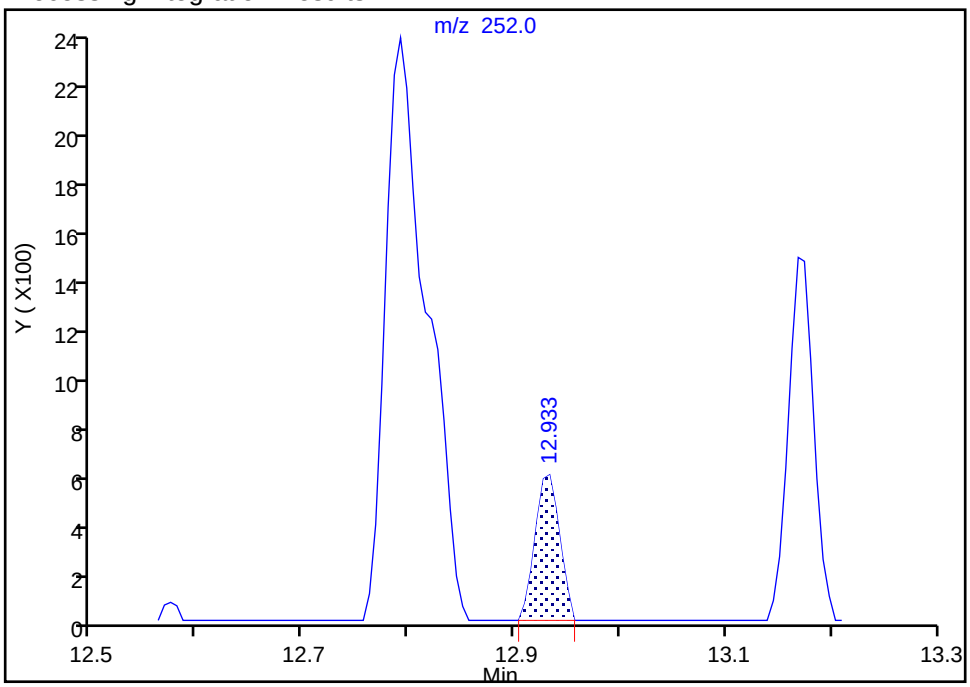
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d				
Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

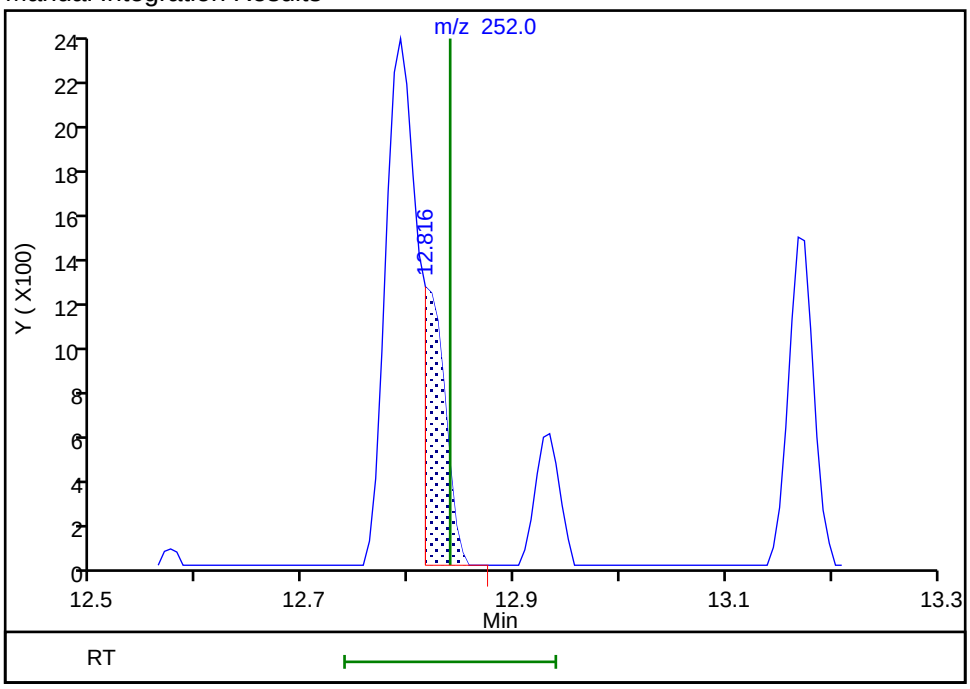
Processing Integration Results

RT: 12.93
Area: 948
Amount: 0.373983
Amount Units: ug/ml



Manual Integration Results

RT: 12.82
Area: 1785
Amount: 0.704177
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 20:09:46

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

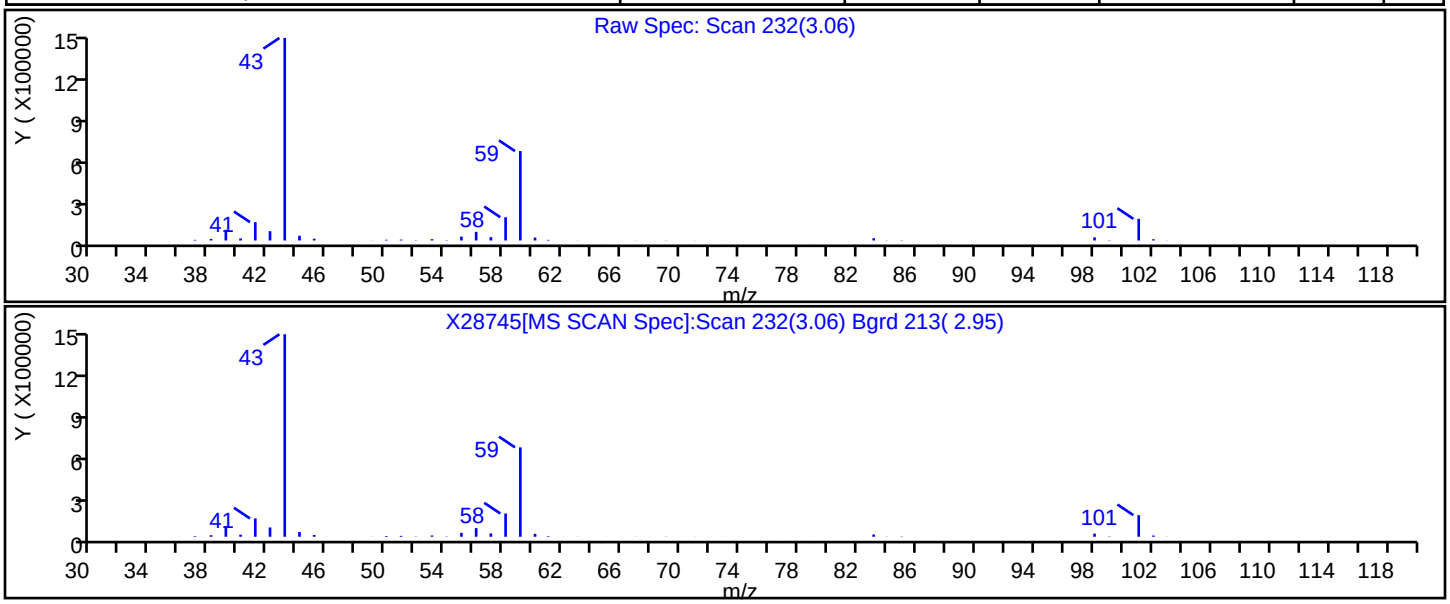
Report Date: 02-Sep-2020 12:57:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d

Injection Date:	01-Sep-2020 19:29:30	Instrument ID:	CBNAMS5		
Lims ID:	460-217095-E-4-C	Lab Sample ID:	460-217095-4		
Client ID:	SB-11_3-5_20200828				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



Report Date: 02-Sep-2020 12:57:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28745.d

Injection Date: 01-Sep-2020 19:29:30 Instrument ID: CBNAMS5

Lims ID: 460-217095-E-4-C Lab Sample ID: 460-217095-4

Client ID: SB-11_3-5_20200828

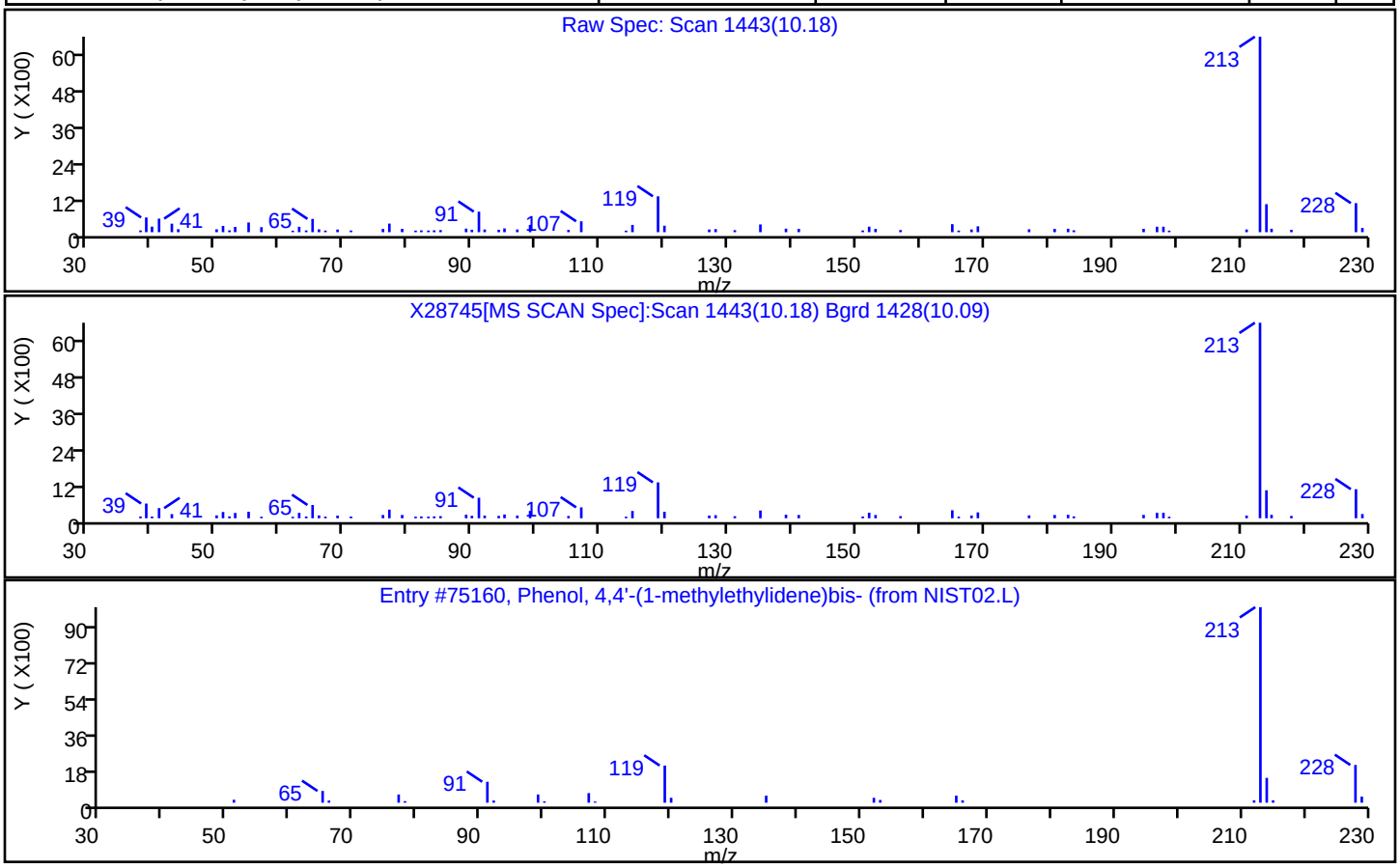
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.L	75160	C15H16O2	228	98



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-04_20200827 Lab Sample ID: 460-217143-1

Matrix: Water Lab File ID: M135688.D

Analysis Method: 8270D Date Collected: 08/27/2020 14:20

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 04:37

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-04_20200827 Lab Sample ID: 460-217143-1

Matrix: Water Lab File ID: M135688.D

Analysis Method: 8270D Date Collected: 08/27/2020 14:20

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 04:37

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	63		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	59		46-137
1718-51-0	Terphenyl-d14 (Surr)	78		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-04_20200827 Lab Sample ID: 460-217143-1

Matrix: Water Lab File ID: M135688.D

Analysis Method: 8270D Date Collected: 08/27/2020 14:20

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 04:37

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

Number TICs Found: 1 TIC Result Total: 22

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
57383-81-0	Phenol, 2,3,5-tribromo-	6.97	22	J N	99%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D
Lims ID: 460-217143-D-1-A
Client ID: TW-04_20200827
Sample Type: Client
Inject. Date: 31-Aug-2020 04:37:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-025
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 10:33:03 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: nimerd Date: 31-Aug-2020 08:36:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.254	3.255	-0.001	97	186147	8.00	
$ 27 Nitrobenzene-d5	82	3.829	3.830	-0.001	91	217273	5.89	
* 38 Naphthalene-d8	136	4.531	4.533	-0.002	99	687418	8.00	
$ 51 2-Fluorobiphenyl	172	5.606	5.607	-0.001	97	427612	6.33	
* 64 Acenaphthene-d10	164	6.219	6.223	-0.004	98	341631	8.00	
* 87 Phenanthrene-d10	188	7.608	7.611	-0.003	99	551390	8.00	
$ 96 Terphenyl-d14	244	9.134	9.138	-0.004	98	334750	7.78	
97 Butyl benzyl phthalate	149	9.629	9.633	-0.004	94	1508	0.0503	7
* 102 Chrysene-d12	240	10.082	10.087	-0.005	99	343579	8.00	
* 109 Perylene-d12	264	11.606	11.611	-0.005	98	324453	8.00	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D				
Lims ID:	460-217143-D-1-A				
Client ID:	TW-04_20200827				
Sample Type:	Client				
Inject. Date:	31-Aug-2020 04:37:30	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0116018-025				
Operator ID:		Instrument ID:	CBNAMS17		
Method:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m				
Limit Group:	SV 8270D ICAL				
Last Update:	31-Aug-2020 10:33:03	Calib Date:	14-Jul-2020 18:01:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1017				
First Level Reviewer: nimerd		Date:	31-Aug-2020 08:36:52		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	57383-81-0	Phenol, 2,3,5-tribromo-						
6.972	492509	2.77	87	99	132016	C6H3Br3O	328	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 87 Phenanthrene-d10	7.608	1420469	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

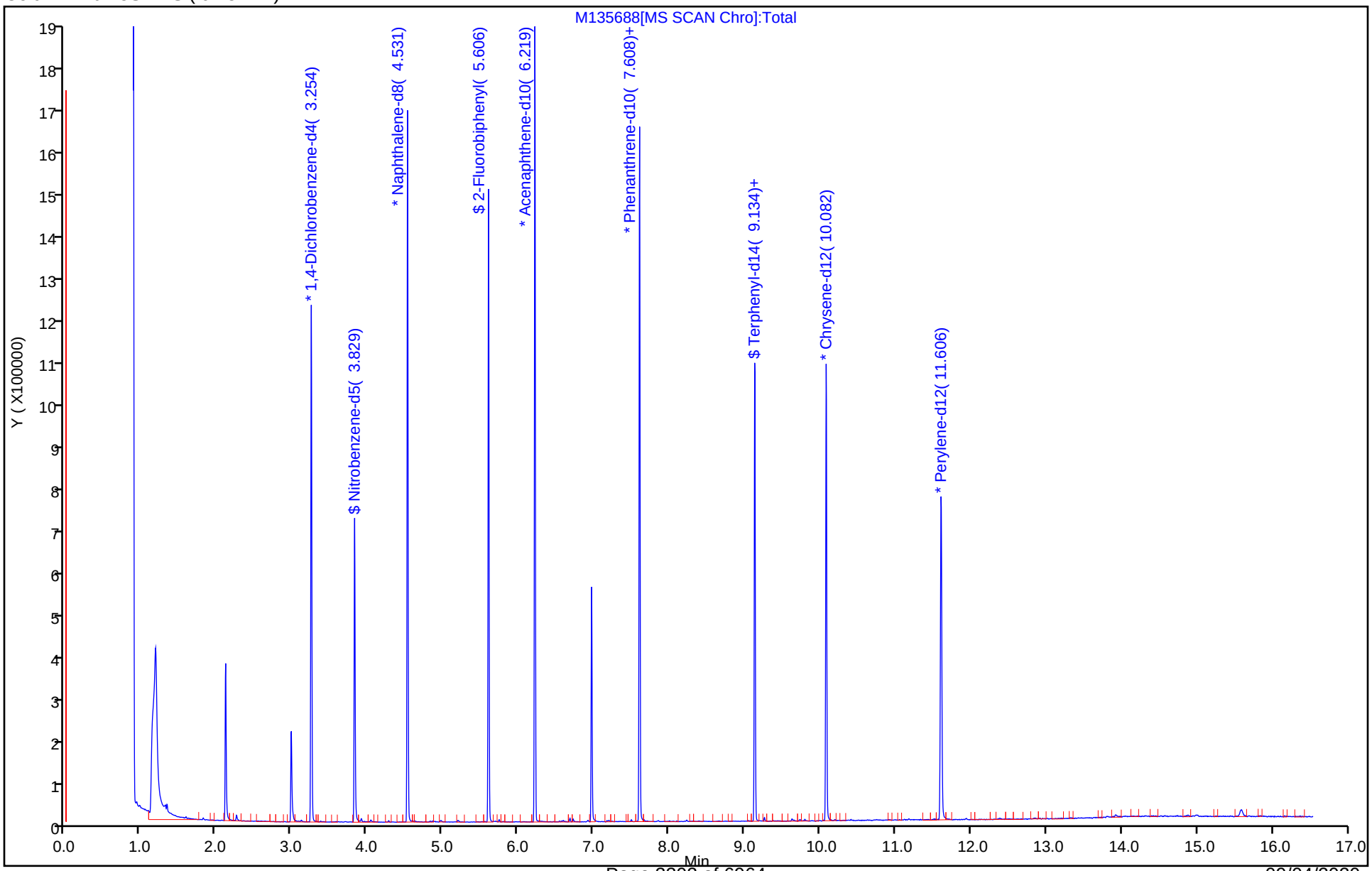
Report Date: 31-Aug-2020 10:33:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D

Injection Date:	31-Aug-2020 04:37:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	460-217143-D-1-A	Lab Sample ID:	460-217143-1	Worklist Smp#:	25
Client ID:	TW-04_20200827				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



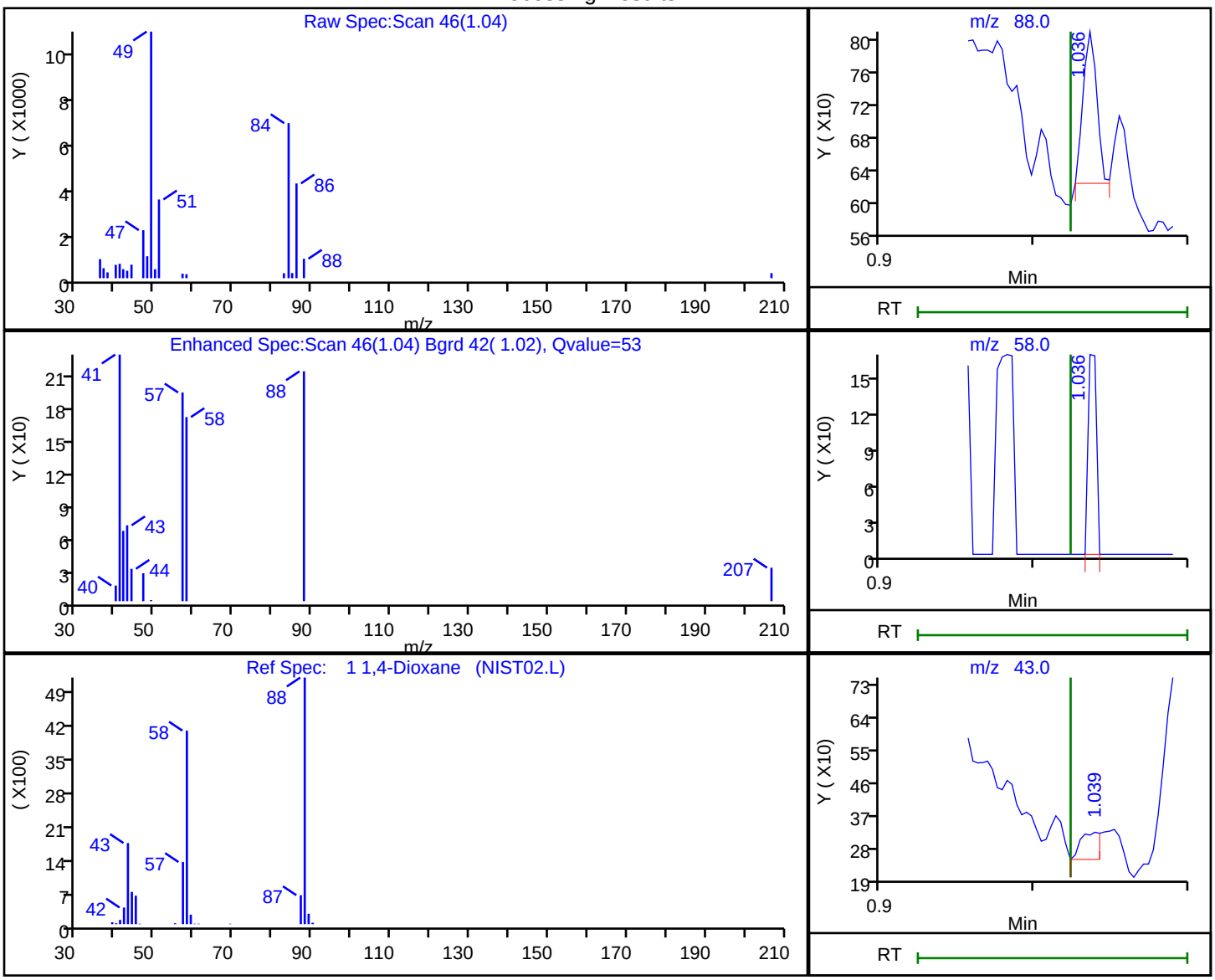
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D				
Injection Date:	31-Aug-2020 04:37:30	Instrument ID:	CBNAMS17		
Lims ID:	460-217143-D-1-A	Lab Sample ID:	460-217143-1		
Client ID:	TW-04_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

1 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.04	88.00	112	0.009565
1.04	58.00	63	
1.04	43.00	68	

Reviewer: nimerd, 31-Aug-2020 08:36:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

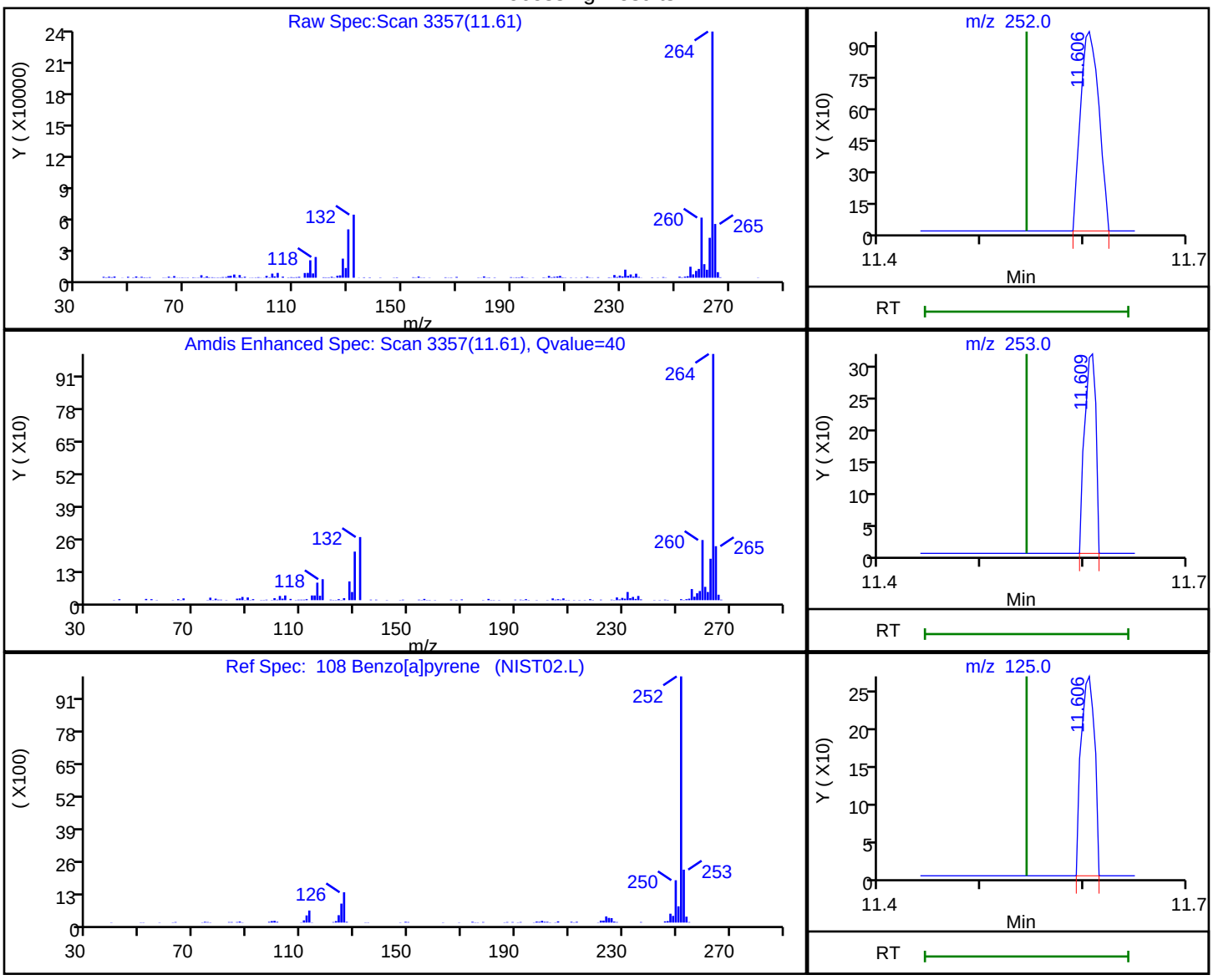
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D				
Injection Date:	31-Aug-2020 04:37:30	Instrument ID:	CBNAMS17		
Lims ID:	460-217143-D-1-A	Lab Sample ID:	460-217143-1		
Client ID:	TW-04_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
11.61	252.00	1207	0.030150
11.61	253.00	241	
11.61	125.00	241	

Reviewer: nimerd, 31-Aug-2020 08:36:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

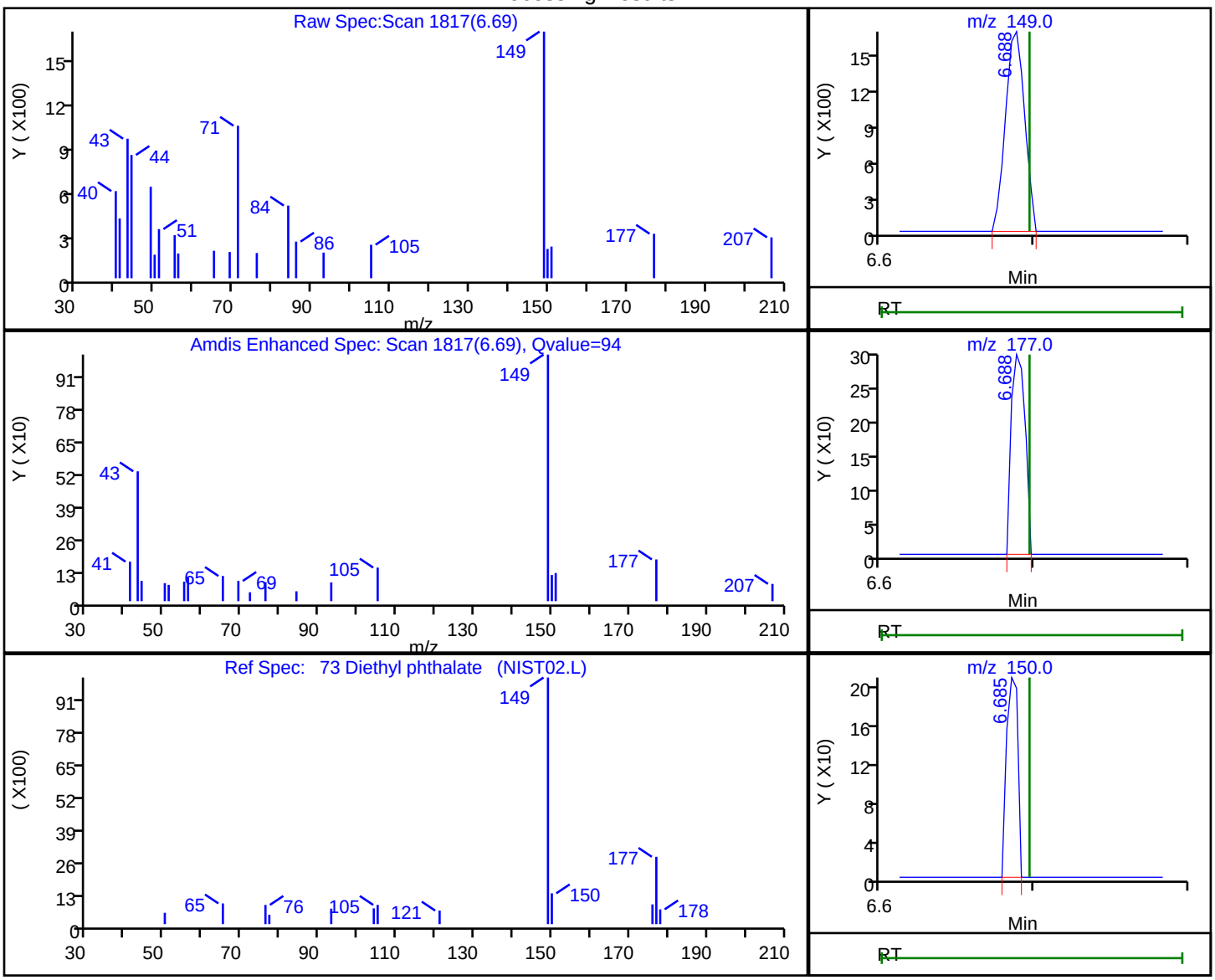
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D				
Injection Date:	31-Aug-2020 04:37:30	Instrument ID:	CBNAMS17		
Lims ID:	460-217143-D-1-A	Lab Sample ID:	460-217143-1		
Client ID:	TW-04_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Diethyl phthalate, CAS: 84-66-2

Processing Results



RT	Mass	Response	Amount
6.69	149.00	1428	0.024745
6.69	177.00	185	
6.69	150.00	105	

Reviewer: johnstonm1, 31-Aug-2020 10:32:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

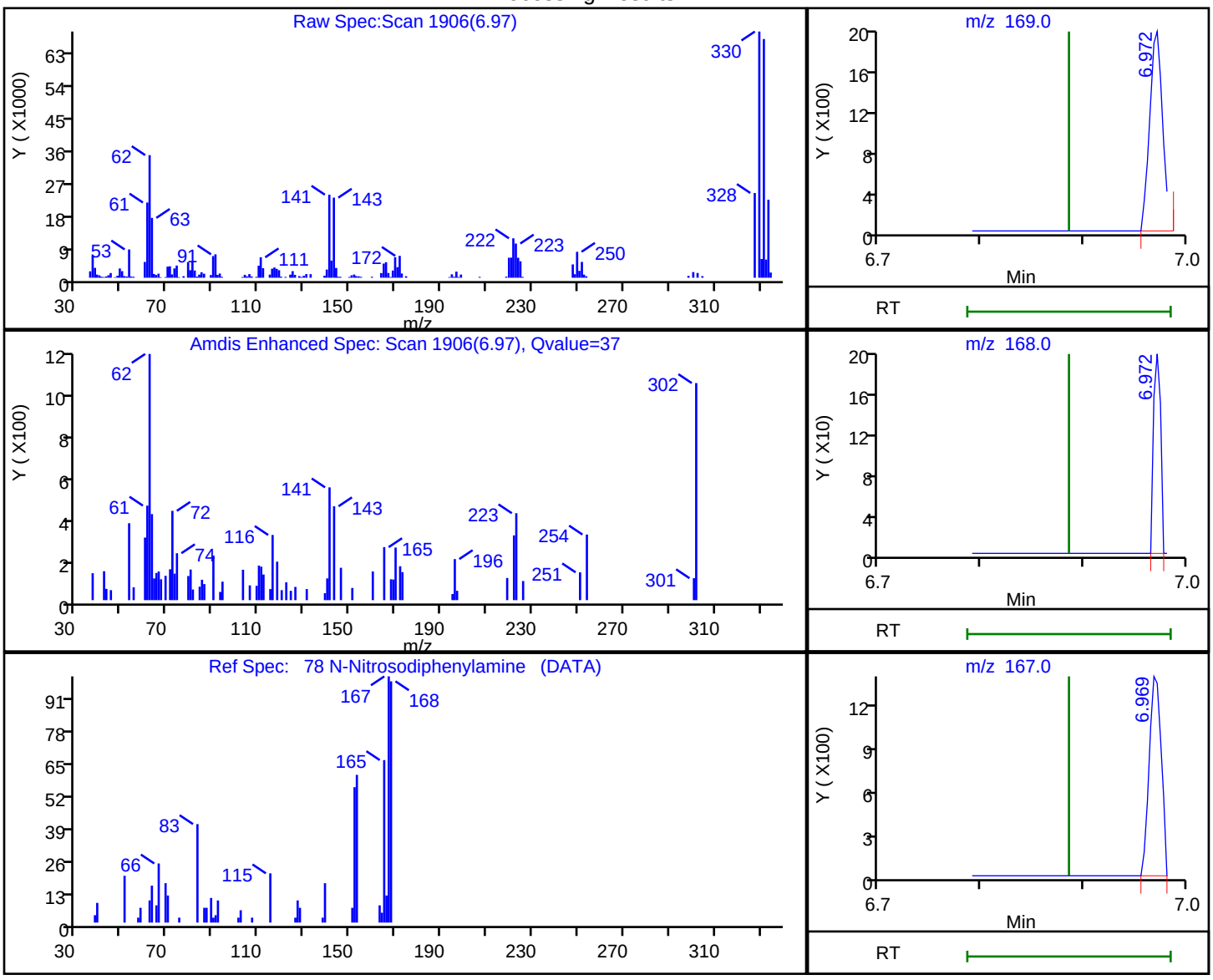
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D				
Injection Date:	31-Aug-2020 04:37:30	Instrument ID:	CBNAMS17		
Lims ID:	460-217143-D-1-A	Lab Sample ID:	460-217143-1		
Client ID:	TW-04_20200827				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
6.97	169.00	1752	0.043262
6.97	168.00	97	
6.97	167.00	1122	

Reviewer: johnstonm1, 31-Aug-2020 10:33:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 31-Aug-2020 10:33:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135688.D

Injection Date: 31-Aug-2020 04:37:30 Instrument ID: CBNAMS17

Lims ID: 460-217143-D-1-A Lab Sample ID: 460-217143-1

Client ID: TW-04_20200827

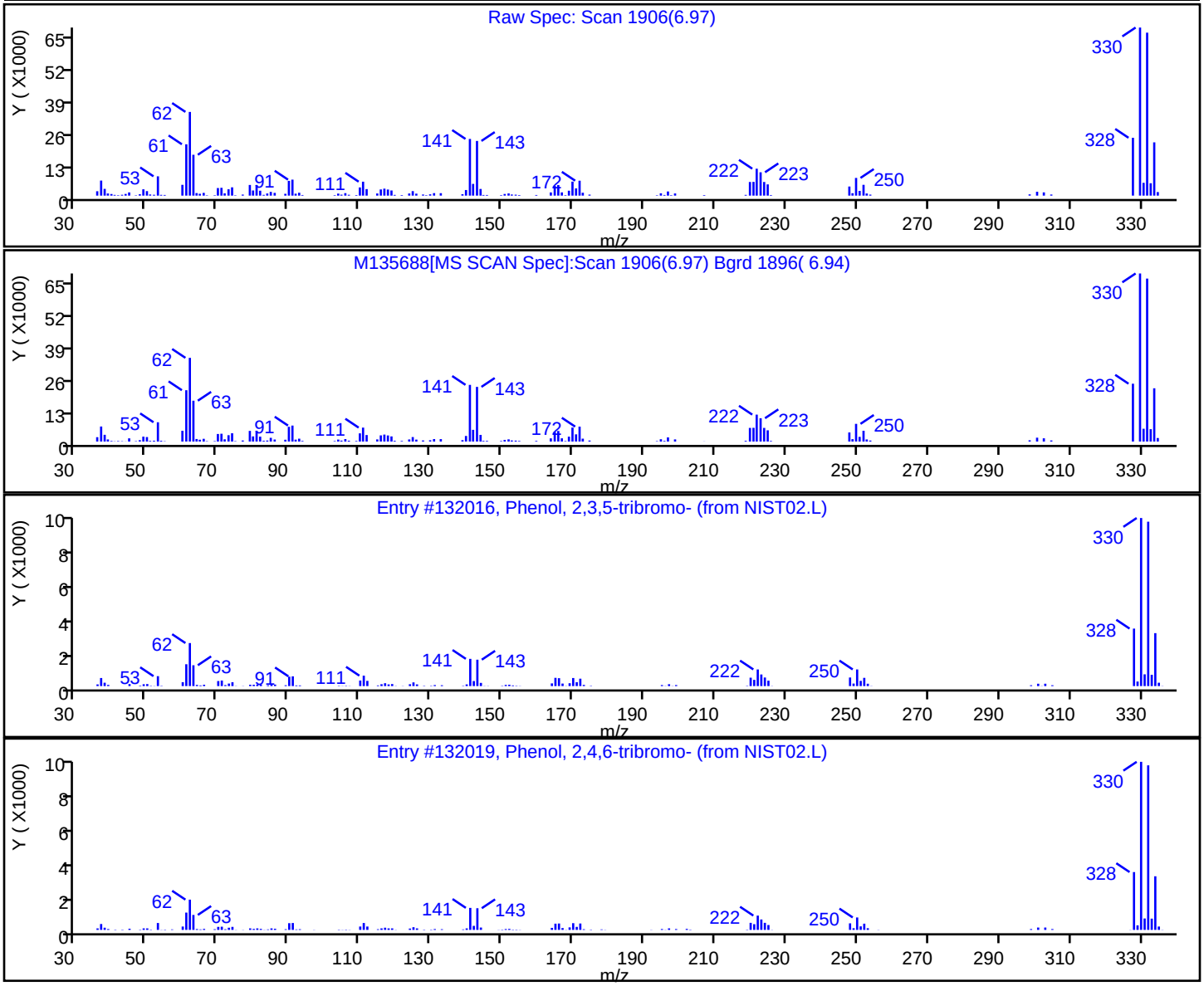
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenol, 2,3,5-tribromo-	57383-81-0	NIST02.L	132016	C6H3Br3O	328	99
Phenol, 2,4,6-tribromo-	118-79-6	NIST02.L	132019	C6H3Br3O	328	98



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-01_20200828 Lab Sample ID: 460-217163-1

Matrix: Water Lab File ID: N927254.d

Analysis Method: 8270D Date Collected: 08/28/2020 06:53

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 20:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-01_20200828 Lab Sample ID: 460-217163-1

Matrix: Water Lab File ID: N927254.d

Analysis Method: 8270D Date Collected: 08/28/2020 06:53

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 20:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	91		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	96		46-137
1718-51-0	Terphenyl-d14 (Surr)	92		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-01_20200828 Lab Sample ID: 460-217163-1

Matrix: Water Lab File ID: N927254.d

Analysis Method: 8270D Date Collected: 08/28/2020 06:53

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 20:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927254.d
Lims ID: 460-217163-E-1-A
Client ID: TW-01_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 20:41:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-007
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 21:26:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.457	4.457	0.000	94	163010	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	262142	9.64	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	576348	8.00	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	97	542728	9.12	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	95	297311	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	499060	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	535694	9.25	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	365551	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	417218	8.00	Ma

QC Flag Legend

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

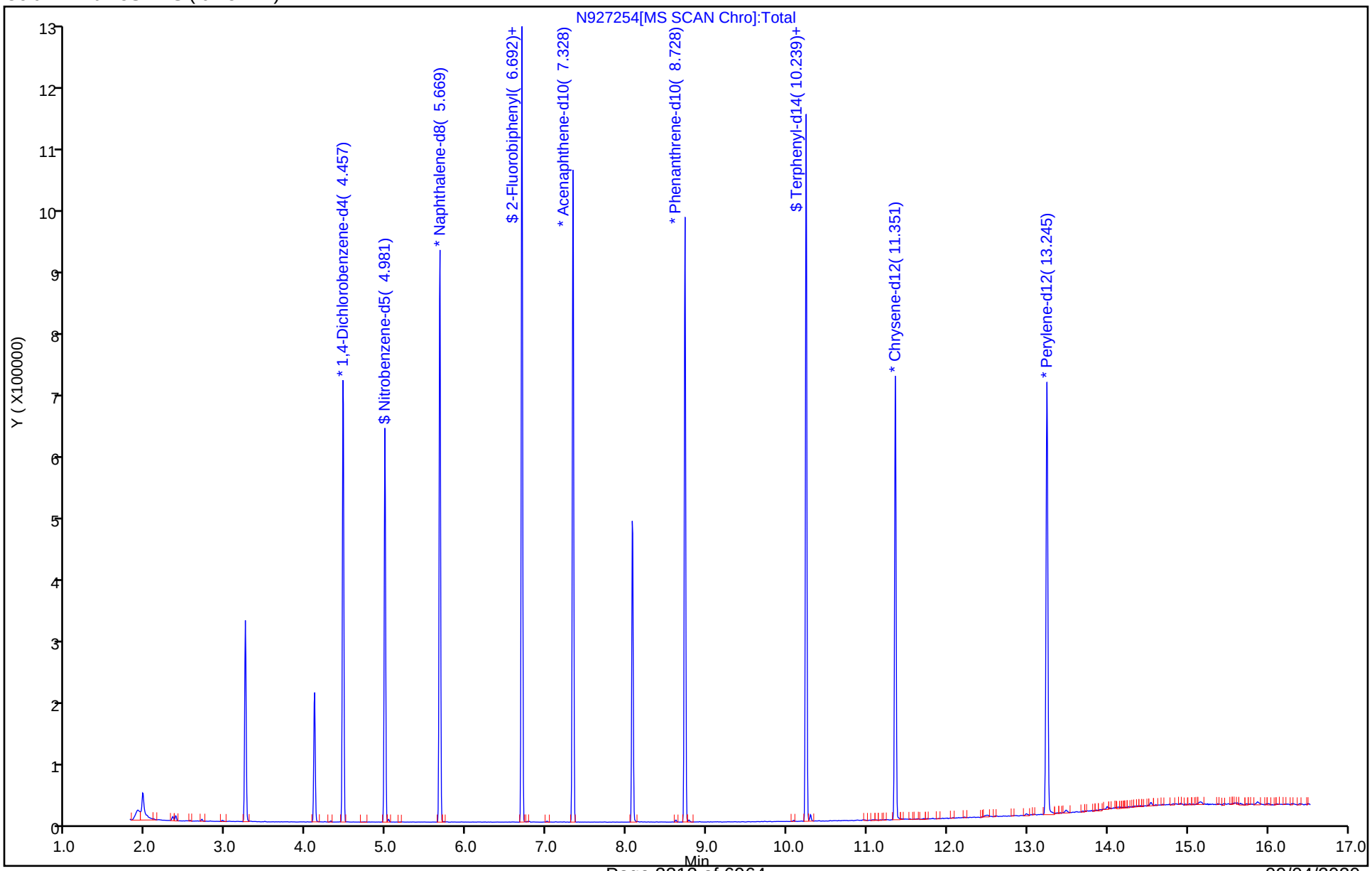
SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 14:23:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927254.d				
Injection Date:	01-Sep-2020 20:41:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-E-1-A	Lab Sample ID:	460-217163-1	Worklist Smp#:	7
Client ID:	TW-01_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



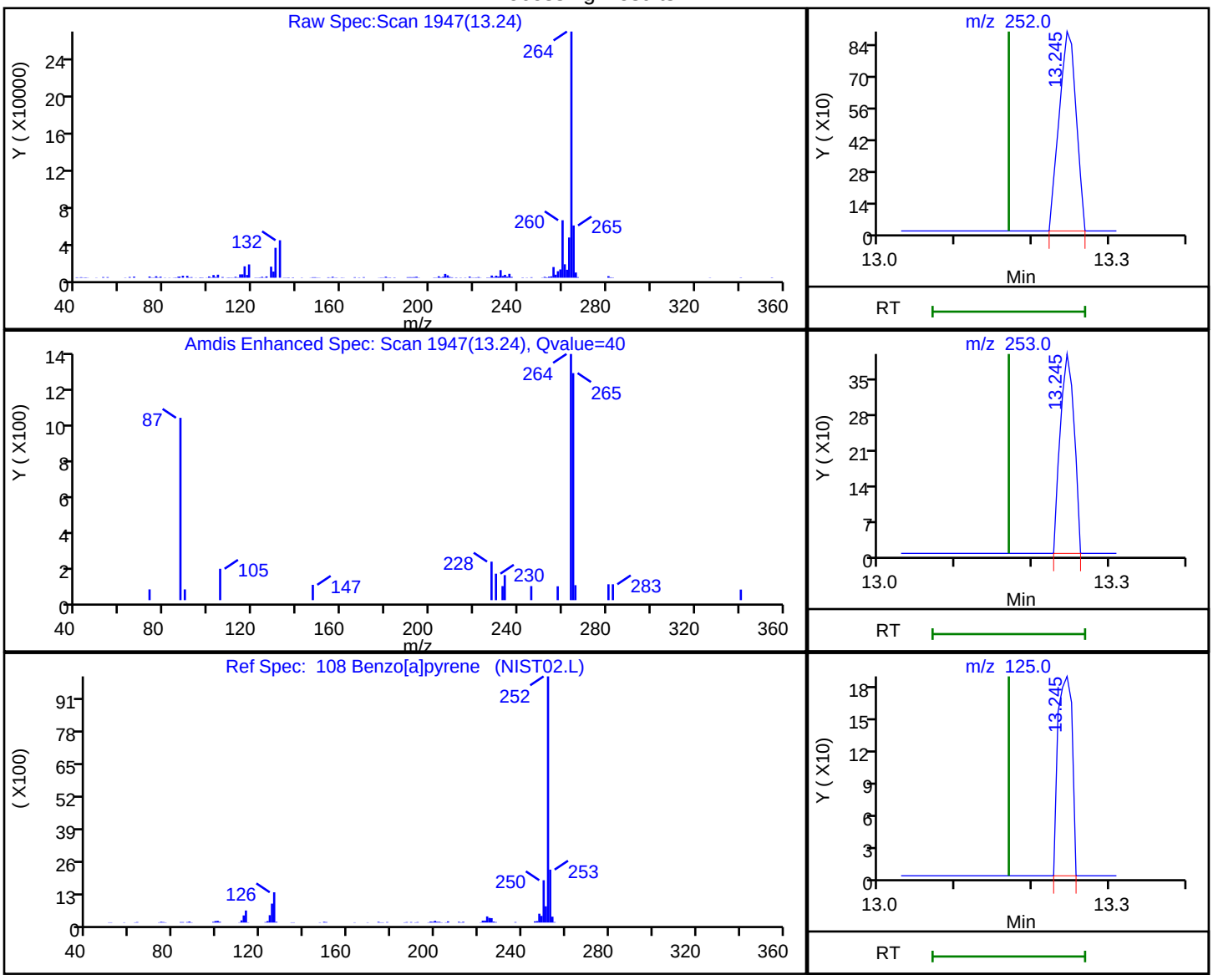
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927254.d				
Injection Date:	01-Sep-2020 20:41:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-E-1-A	Lab Sample ID:	460-217163-1		
Client ID:	TW-01_20200828				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.24	252.00	1375	0.025092
13.24	253.00	496	
13.24	125.00	235	

Reviewer: eisam, 01-Sep-2020 21:21:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

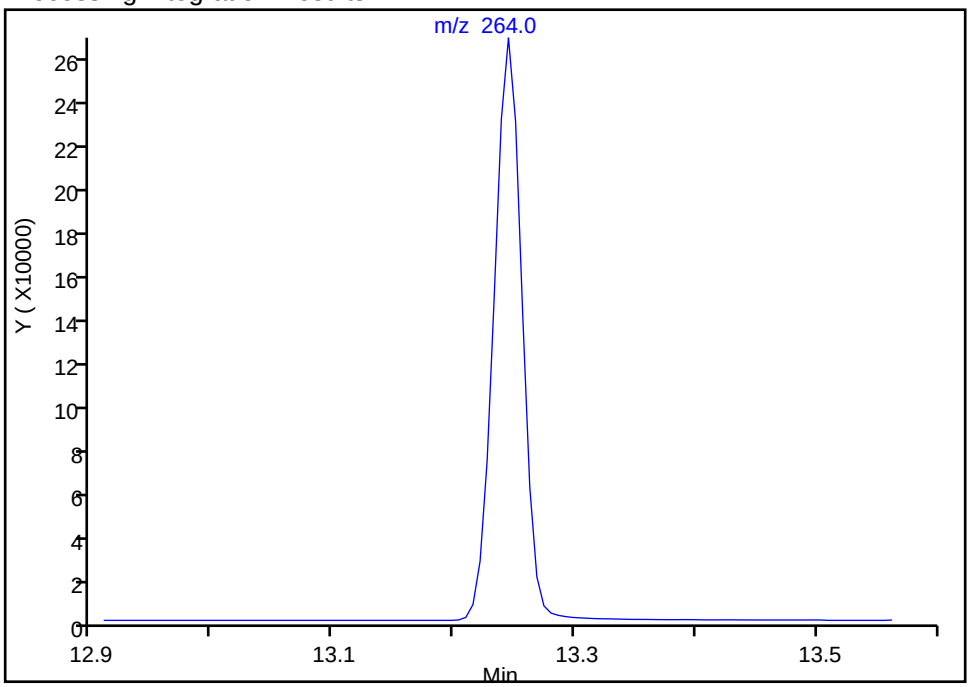
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927254.d				
Injection Date:	01-Sep-2020 20:41:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-E-1-A	Lab Sample ID:	460-217163-1		
Client ID:	TW-01_20200828				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 109 Perylene-d12, CAS: 1520-96-3

Signal: 1

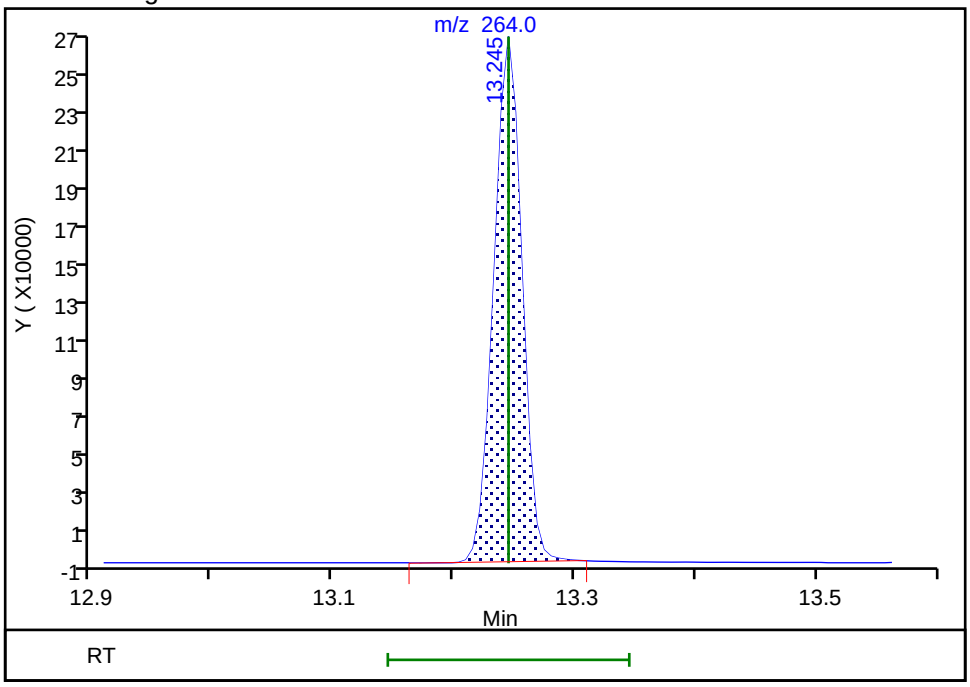
Not Detected
Expected RT: 13.24

Processing Integration Results



Manual Integration Results

RT: 13.24
Area: 417218
Amount: 8.000000
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 21:21:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-18_20200828 Lab Sample ID: 460-217163-2

Matrix: Water Lab File ID: N927255.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:07

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-18_20200828 Lab Sample ID: 460-217163-2

Matrix: Water Lab File ID: N927255.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:07

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	93		46-137
1718-51-0	Terphenyl-d14 (Surr)	77		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-18_20200828 Lab Sample ID: 460-217163-2

Matrix: Water Lab File ID: N927255.d

Analysis Method: 8270D Date Collected: 08/28/2020 08:07

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927255.d
Lims ID: 460-217163-D-2-A
Client ID: TW-18_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 21:02:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-008
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 21:38:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.457	4.457	0.000	95	170521	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	267820	9.31	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	609780	8.00	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	563474	8.96	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	314230	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	529704	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	467044	7.67	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	384321	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	431724	8.00	a

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

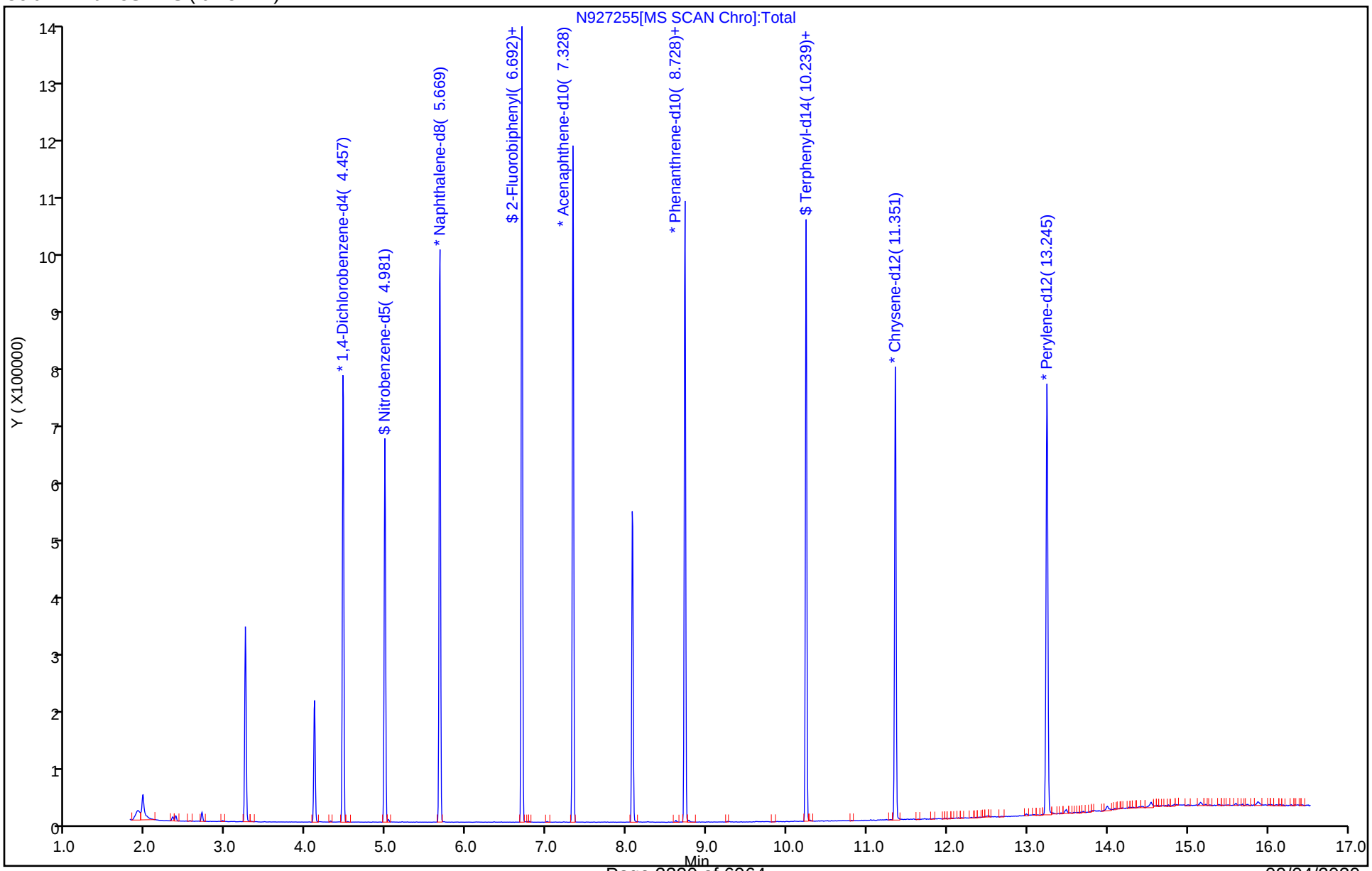
Report Date: 02-Sep-2020 14:24:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927255.d

Injection Date:	01-Sep-2020 21:02:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-D-2-A	Lab Sample ID:	460-217163-2	Worklist Smp#:	8
Client ID:	TW-18_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



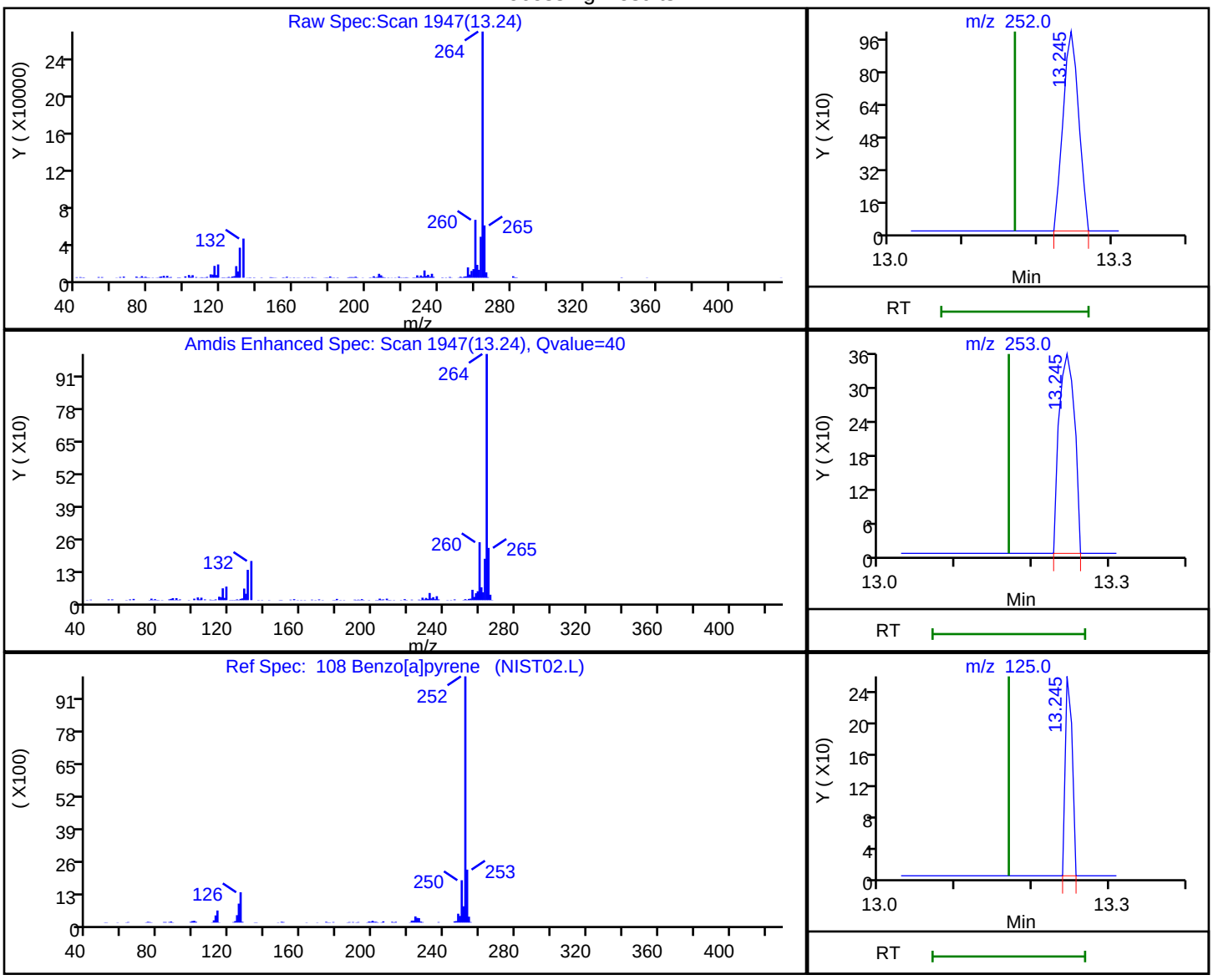
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927255.d				
Injection Date:	01-Sep-2020 21:02:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-D-2-A	Lab Sample ID:	460-217163-2		
Client ID:	TW-18_20200828				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.24	252.00	1461	0.025765
13.24	253.00	493	
13.24	125.00	162	

Reviewer: eisam, 01-Sep-2020 21:37:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

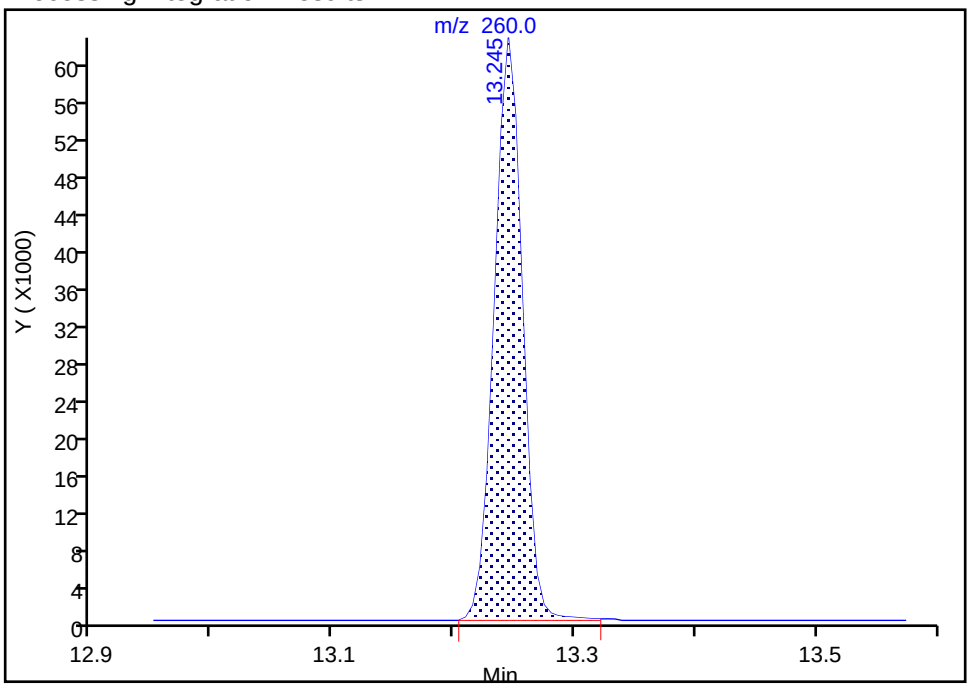
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927255.d				
Injection Date:	01-Sep-2020 21:02:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-D-2-A	Lab Sample ID:	460-217163-2		
Client ID:	TW-18_20200828				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 109 Perylene-d12, CAS: 1520-96-3

Signal: 2

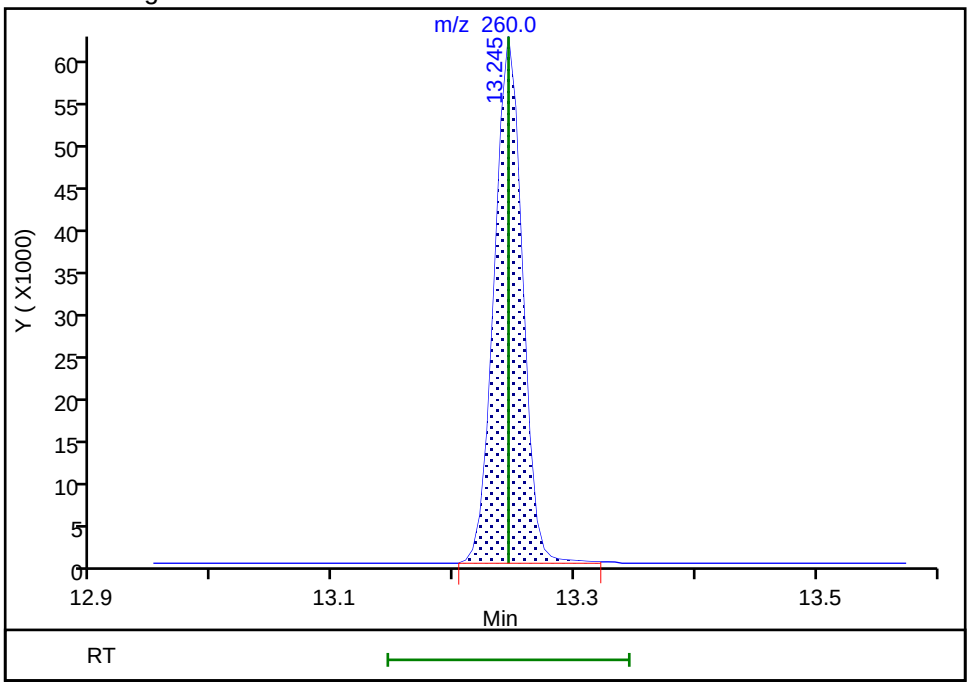
Processing Integration Results

RT: 13.24
Area: 100938
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 13.24
Area: 100938
Amount: 8.000000
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 21:37:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

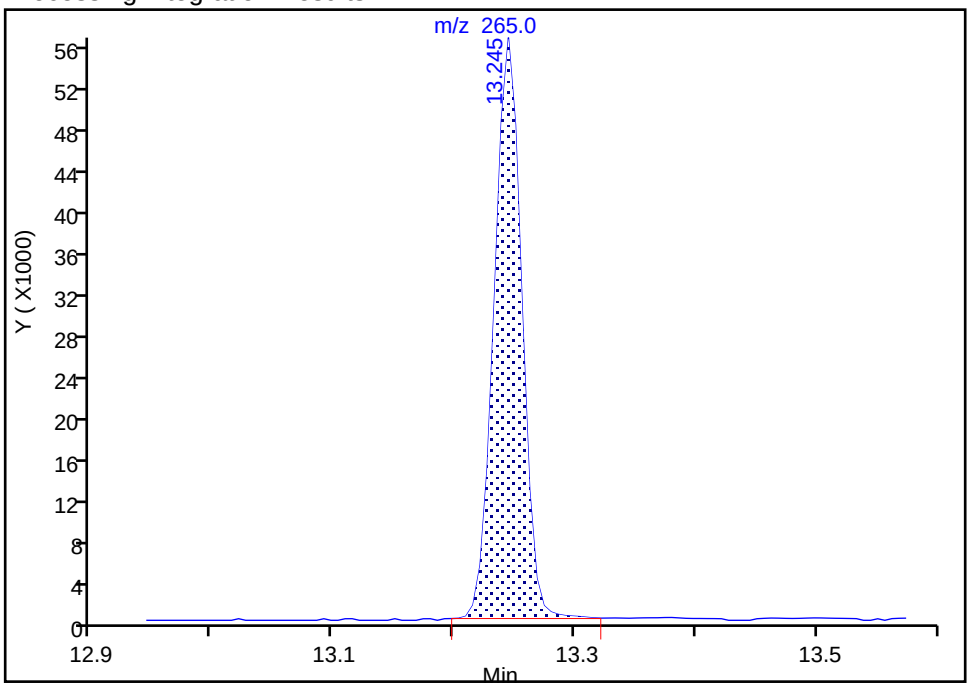
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927255.d				
Injection Date:	01-Sep-2020 21:02:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-D-2-A	Lab Sample ID:	460-217163-2		
Client ID:	TW-18_20200828				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 109 Perylene-d12, CAS: 1520-96-3

Signal: 3

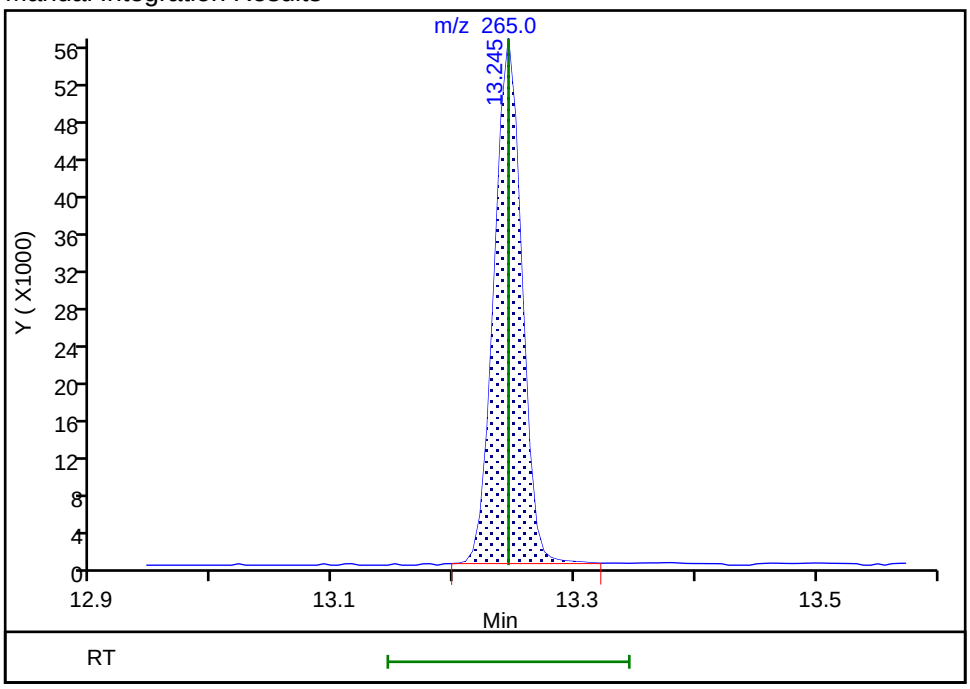
Processing Integration Results

RT: 13.24
Area: 89631
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 13.24
Area: 89631
Amount: 8.000000
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 21:37:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

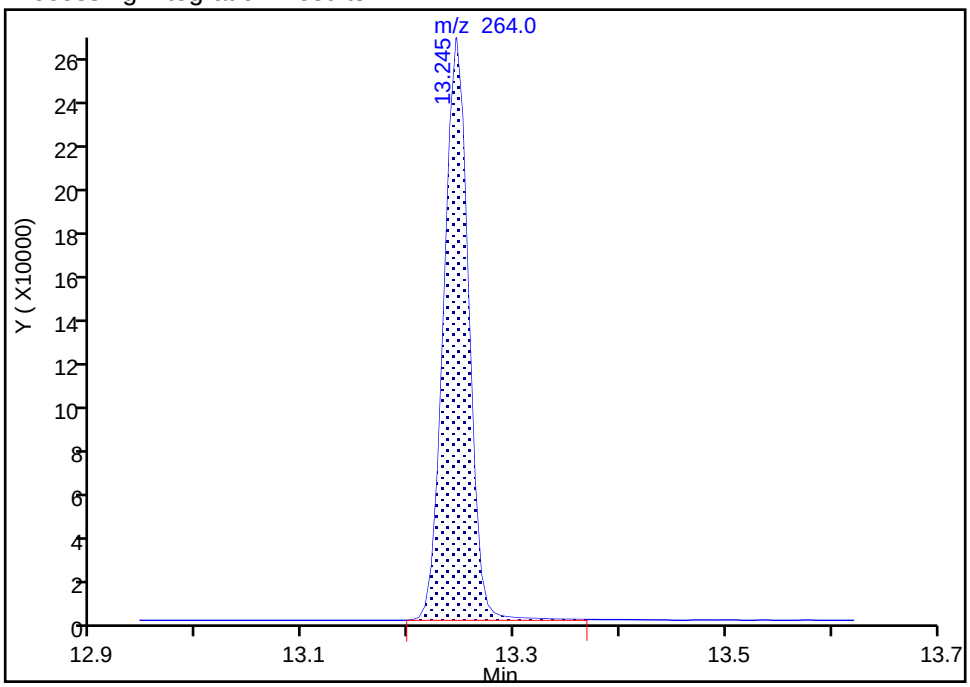
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927255.d				
Injection Date:	01-Sep-2020 21:02:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-D-2-A	Lab Sample ID:	460-217163-2		
Client ID:	TW-18_20200828				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 109 Perylene-d12, CAS: 1520-96-3

Signal: 1

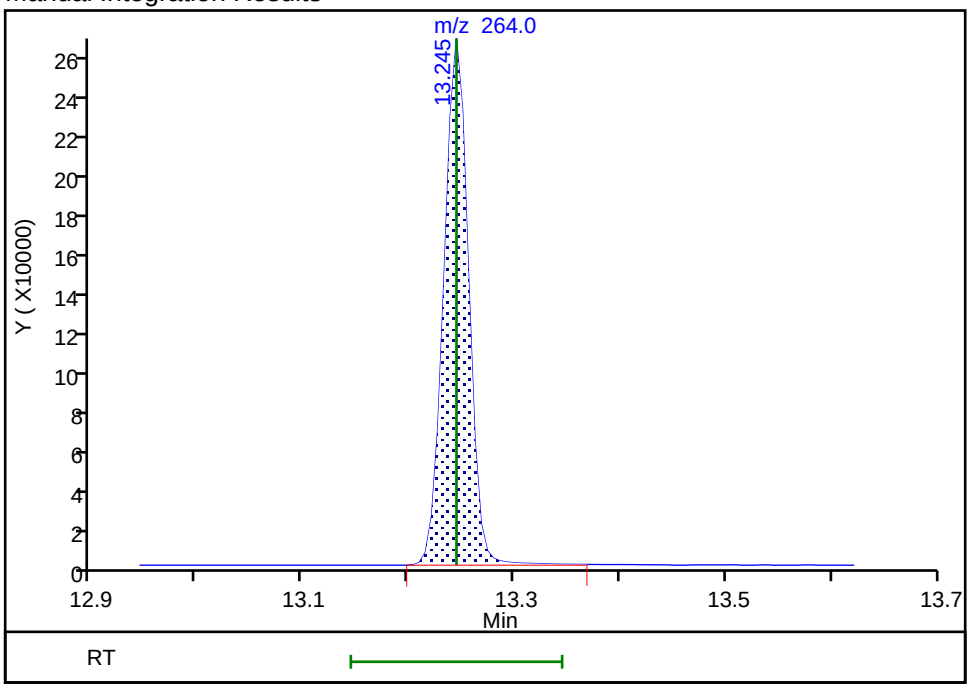
Processing Integration Results

RT: 13.24
Area: 431724
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 13.24
Area: 431724
Amount: 8.000000
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 21:37:21

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-16_20200828 Lab Sample ID: 460-217163-3

Matrix: Water Lab File ID: N927256.d

Analysis Method: 8270D Date Collected: 08/28/2020 13:22

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:23

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-16_20200828 Lab Sample ID: 460-217163-3

Matrix: Water Lab File ID: N927256.d

Analysis Method: 8270D Date Collected: 08/28/2020 13:22

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:23

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	99		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	103		46-137
1718-51-0	Terphenyl-d14 (Surr)	97		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-16_20200828 Lab Sample ID: 460-217163-3

Matrix: Water Lab File ID: N927256.d

Analysis Method: 8270D Date Collected: 08/28/2020 13:22

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:23

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927256.d
Lims ID: 460-217163-E-3-A
Client ID: TW-16_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 21:23:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-009
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 22:57:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.457	4.457	0.000	95	152275	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	261619	10.3	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	540147	8.00	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	97	555767	9.93	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	279689	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	470423	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	523587	9.67	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	341631	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	382939	8.00	

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

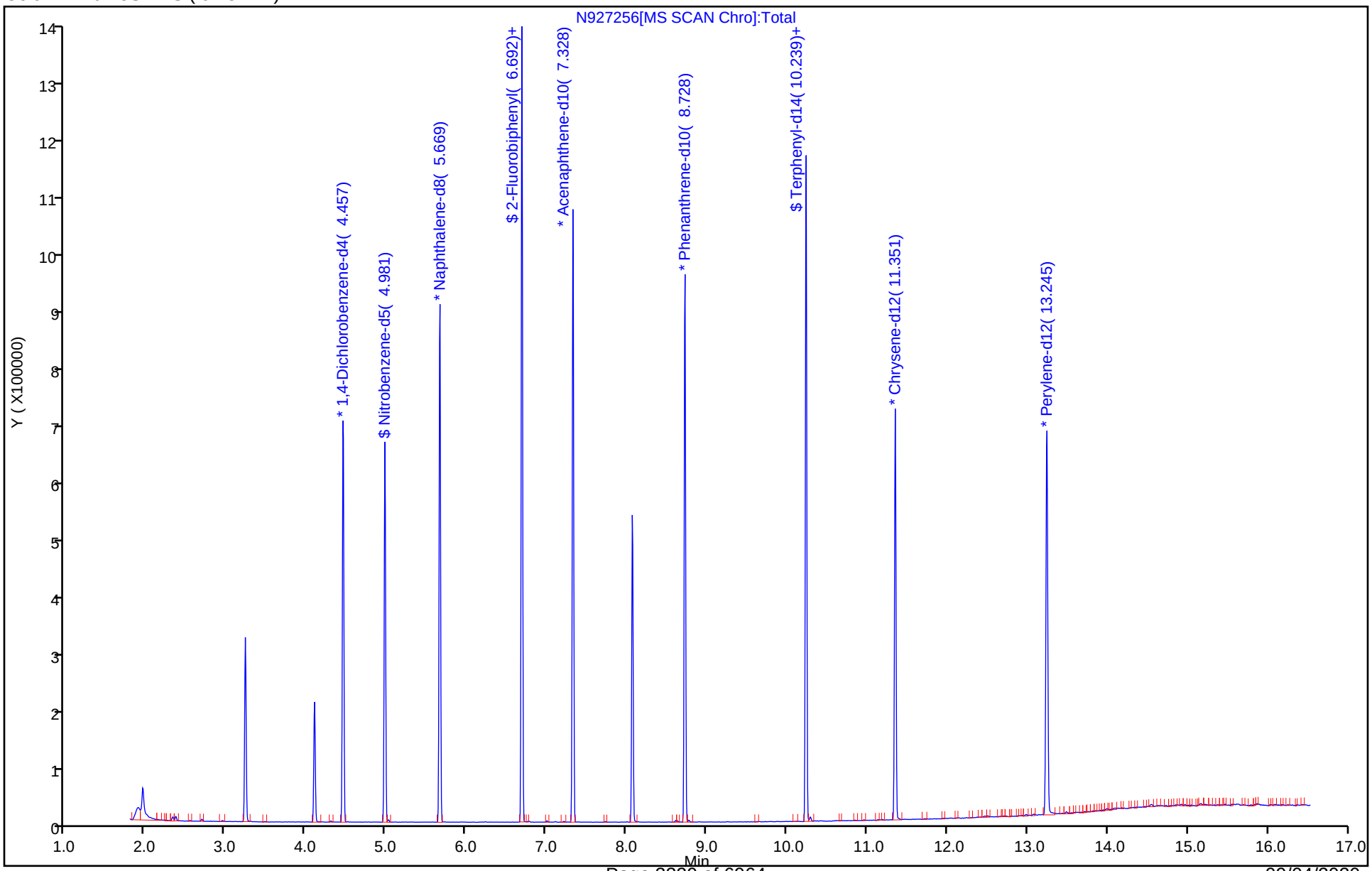
Report Date: 02-Sep-2020 14:24:46 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927256.d

Injection Date:	01-Sep-2020 21:23:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-E-3-A	Lab Sample ID:	460-217163-3	Worklist Smp#:	9
Client ID:	TW-16_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-13_20200828 Lab Sample ID: 460-217163-4

Matrix: Water Lab File ID: N927257.d

Analysis Method: 8270D Date Collected: 08/28/2020 12:37

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:44

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-13_20200828 Lab Sample ID: 460-217163-4

Matrix: Water Lab File ID: N927257.d

Analysis Method: 8270D Date Collected: 08/28/2020 12:37

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:44

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	96		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	96		46-137
1718-51-0	Terphenyl-d14 (Surr)	83		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-13_20200828 Lab Sample ID: 460-217163-4

Matrix: Water Lab File ID: N927257.d

Analysis Method: 8270D Date Collected: 08/28/2020 12:37

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 21:44

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927257.d
Lims ID: 460-217163-E-4-A
Client ID: TW-13_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 21:44:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-010
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 22:58:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.457	4.457	0.000	95	164288	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	259978	9.60	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	573851	8.00	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	559154	9.55	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	292548	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	485828	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	498186	8.30	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	378882	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	427890	8.00	

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

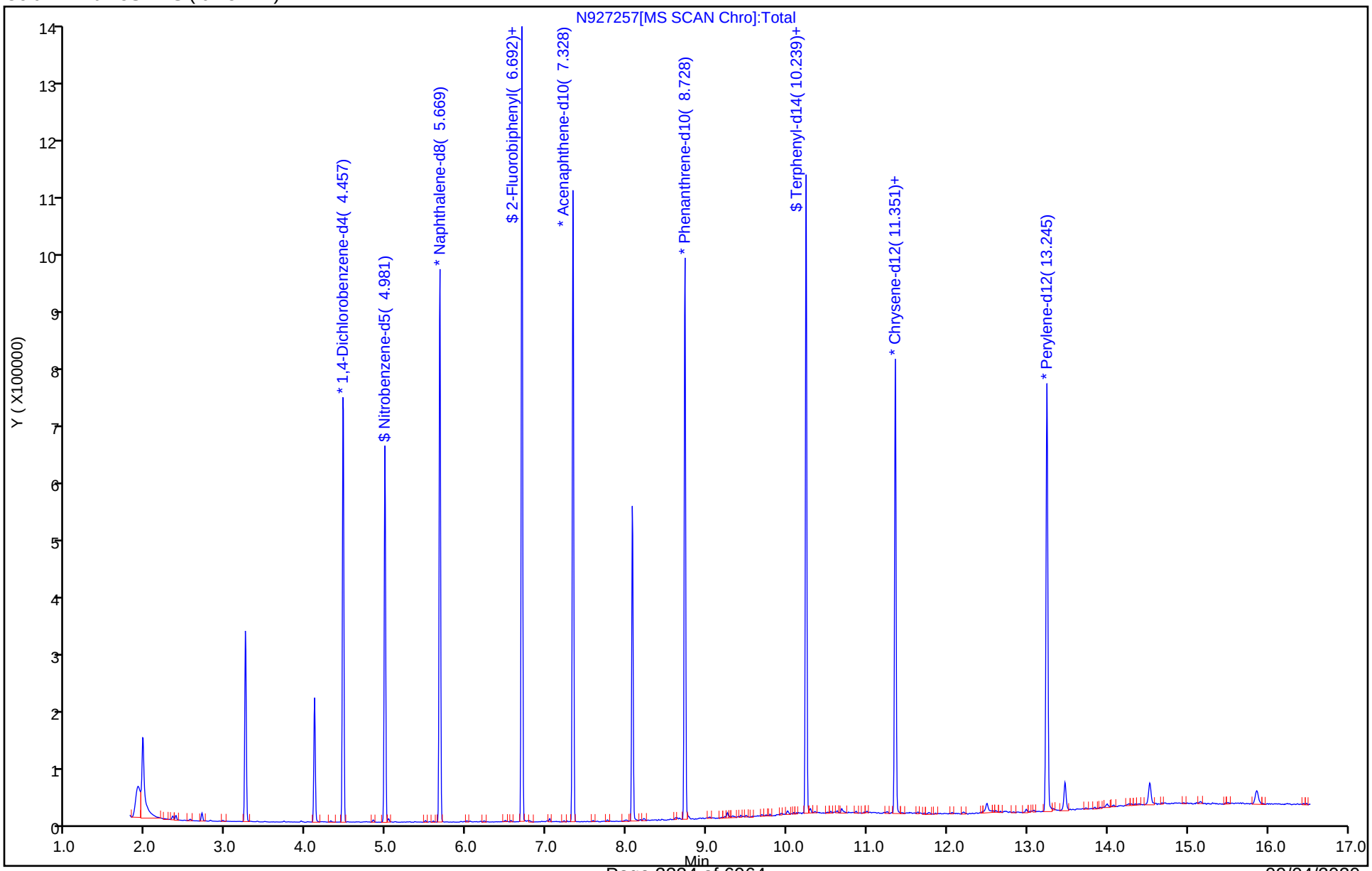
Report Date: 02-Sep-2020 14:25:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927257.d

Injection Date:	01-Sep-2020 21:44:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-E-4-A	Lab Sample ID:	460-217163-4	Worklist Smp#:	10
Client ID:	TW-13_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



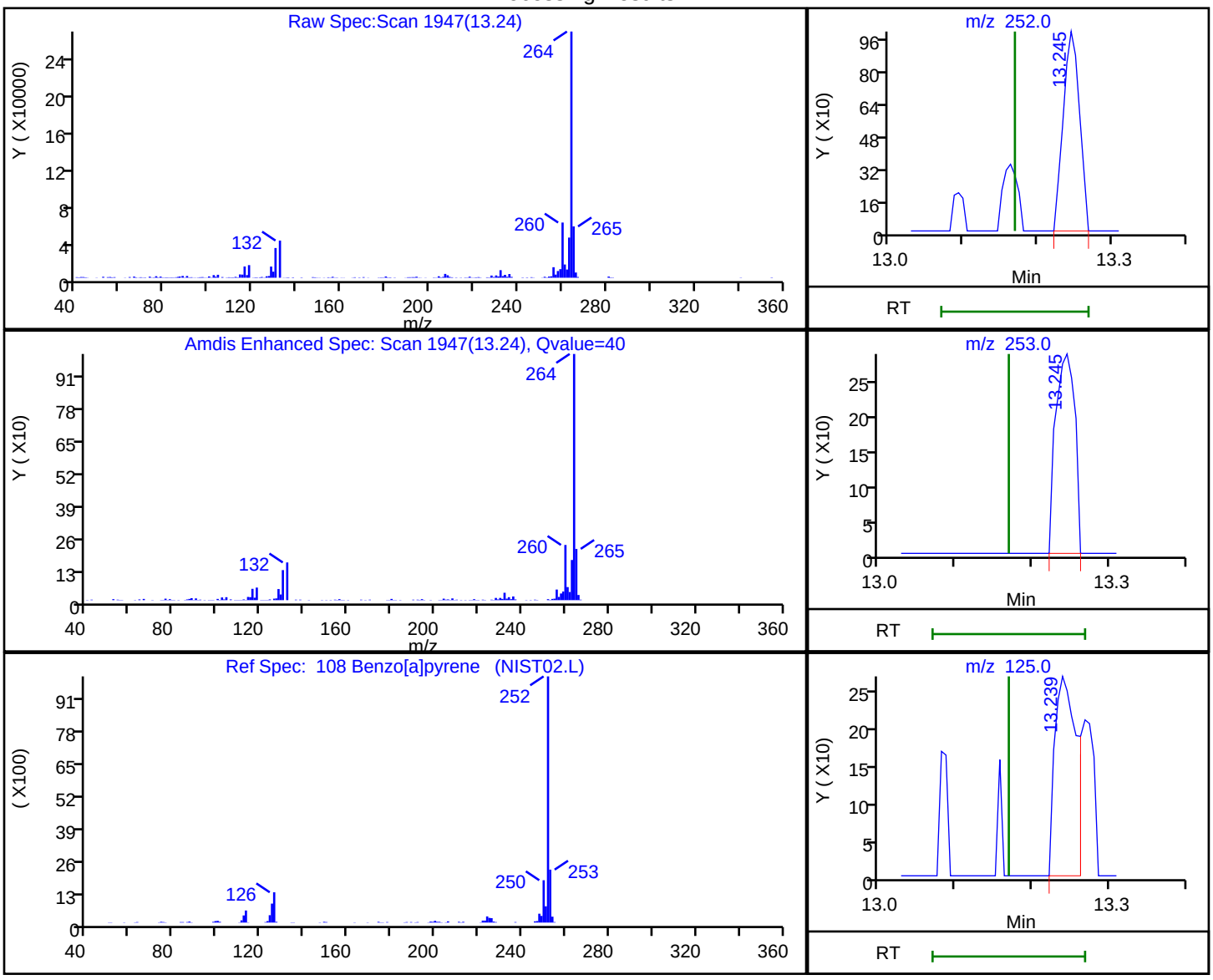
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927257.d				
Injection Date:	01-Sep-2020 21:44:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-E-4-A	Lab Sample ID:	460-217163-4		
Client ID:	TW-13_20200828				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.24	252.00	1523	0.027099
13.24	253.00	493	
13.24	125.00	530	

Reviewer: eisam, 01-Sep-2020 22:57:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-07_20200828 Lab Sample ID: 460-217163-5

Matrix: Water Lab File ID: N927258.d

Analysis Method: 8270D Date Collected: 08/28/2020 11:27

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:04

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-07_20200828 Lab Sample ID: 460-217163-5

Matrix: Water Lab File ID: N927258.d

Analysis Method: 8270D Date Collected: 08/28/2020 11:27

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:04

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	93		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	97		46-137
1718-51-0	Terphenyl-d14 (Surr)	93		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-07_20200828 Lab Sample ID: 460-217163-5

Matrix: Water Lab File ID: N927258.d

Analysis Method: 8270D Date Collected: 08/28/2020 11:27

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:04

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927258.d
Lims ID: 460-217163-E-5-A
Client ID: TW-07_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 22:04:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-011
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 22:58:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.463	4.457	0.006	95	192421	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	309106	9.67	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	677812	8.00	
$ 51 2-Fluorobiphenyl	172	6.693	6.692	0.001	97	642575	9.31	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	344994	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	570177	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	624303	9.28	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	424314	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	484221	8.00	

Reagents:

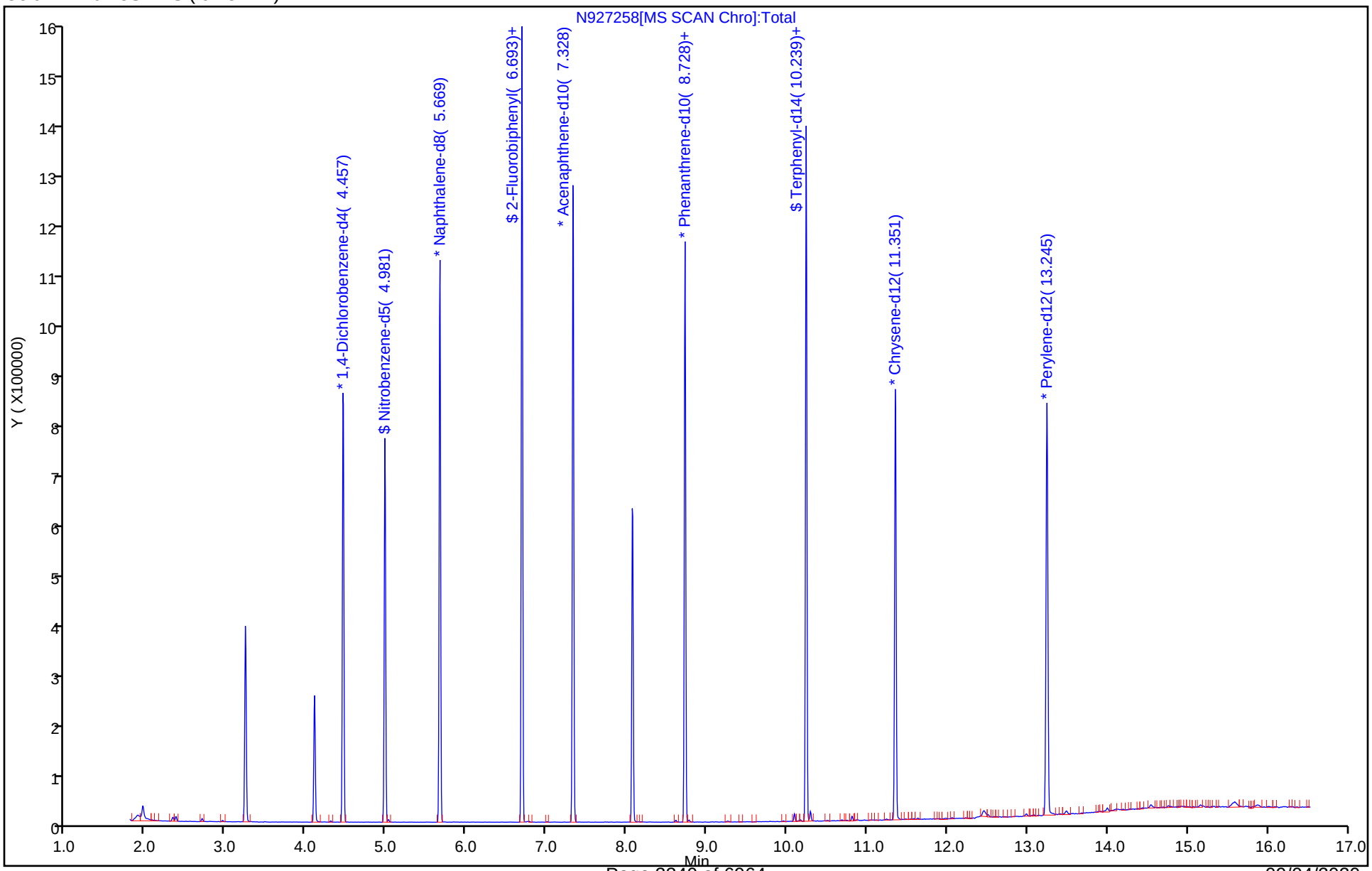
SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 14:25:41 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927258.d				
Injection Date:	01-Sep-2020 22:04:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-E-5-A	Lab Sample ID:	460-217163-5	Worklist Smp#:	11
Client ID:	TW-07_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



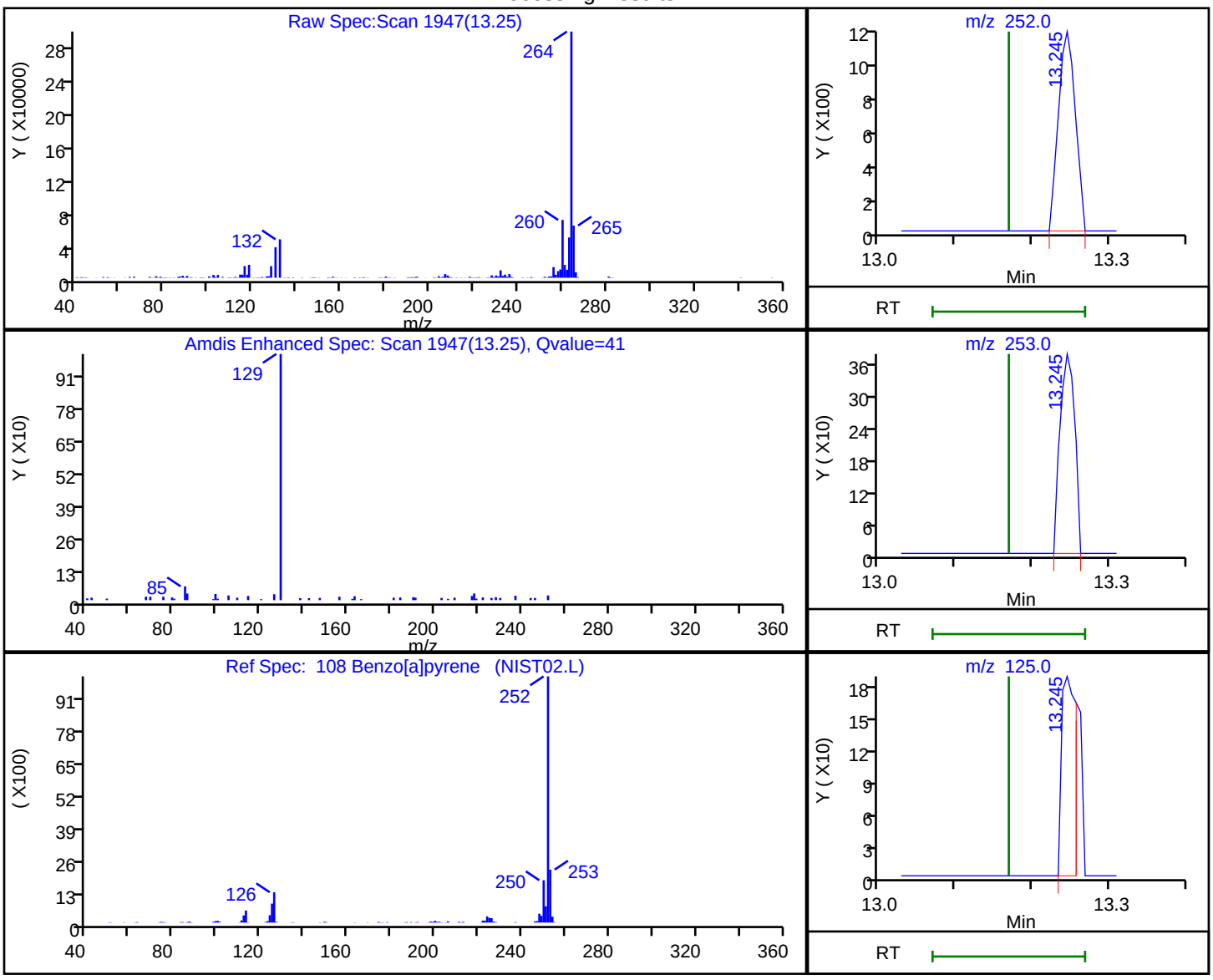
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927258.d				
Injection Date:	01-Sep-2020 22:04:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-E-5-A	Lab Sample ID:	460-217163-5		
Client ID:	TW-07_20200828				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.25	252.00	1790	0.028145
13.25	253.00	499	
13.25	125.00	247	

Reviewer: eisam, 01-Sep-2020 22:58:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-10_20200828 Lab Sample ID: 460-217163-6

Matrix: Water Lab File ID: N927259.d

Analysis Method: 8270D Date Collected: 08/28/2020 09:53

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:25

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-10_20200828 Lab Sample ID: 460-217163-6

Matrix: Water Lab File ID: N927259.d

Analysis Method: 8270D Date Collected: 08/28/2020 09:53

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:25

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	94		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	96		46-137
1718-51-0	Terphenyl-d14 (Surr)	88		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-10_20200828 Lab Sample ID: 460-217163-6

Matrix: Water Lab File ID: N927259.d

Analysis Method: 8270D Date Collected: 08/28/2020 09:53

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:25

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927259.d
Lims ID: 460-217163-E-6-A
Client ID: TW-10_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 22:25:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-012
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 22:59:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.463	4.457	0.006	95	157314	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	252064	9.65	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	553797	8.00	
$ 51 2-Fluorobiphenyl	172	6.693	6.692	0.001	98	530187	9.37	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	282724	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	474744	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	490380	8.82	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	350581	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	404244	8.00	

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

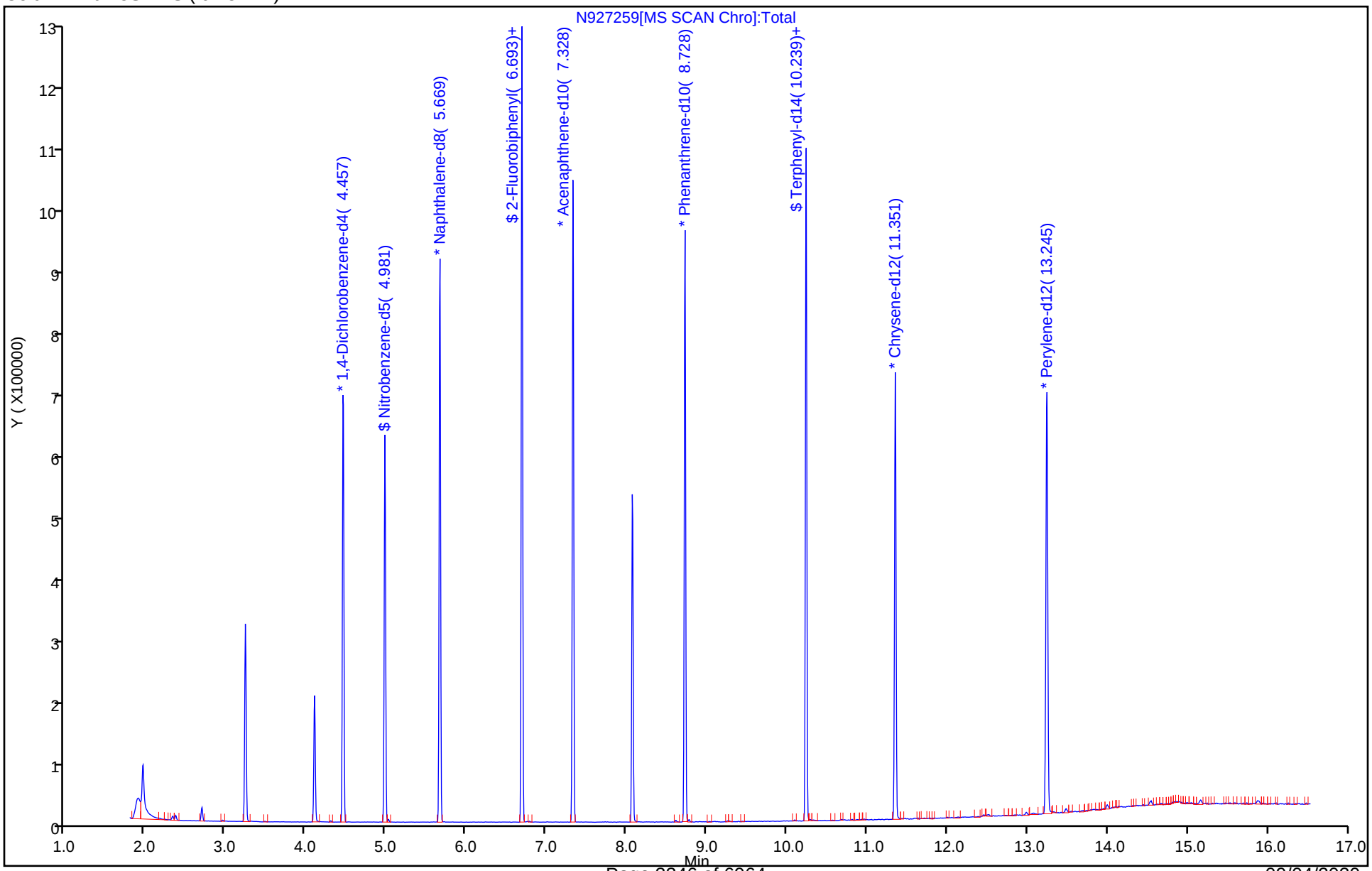
Report Date: 02-Sep-2020 14:26:42 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927259.d

Injection Date:	01-Sep-2020 22:25:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-E-6-A	Lab Sample ID:	460-217163-6	Worklist Smp#:	12
Client ID:	TW-10_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



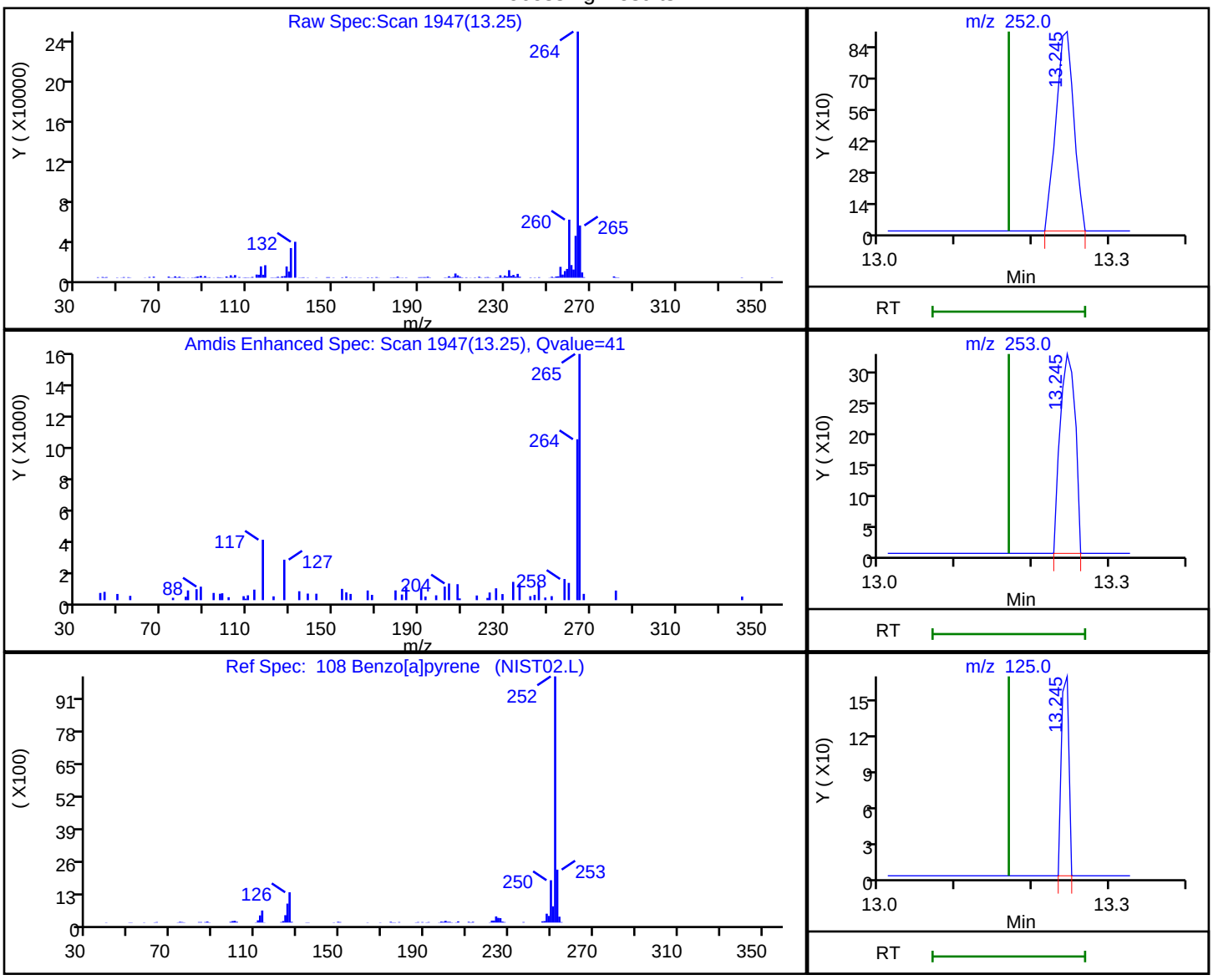
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927259.d				
Injection Date:	01-Sep-2020 22:25:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-E-6-A	Lab Sample ID:	460-217163-6		
Client ID:	TW-10_20200828				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.25	252.00	1472	0.027724
13.25	253.00	444	
13.25	125.00	113	

Reviewer: eisam, 01-Sep-2020 22:59:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-09_20200828 Lab Sample ID: 460-217163-7

Matrix: Water Lab File ID: N927260.d

Analysis Method: 8270D Date Collected: 08/28/2020 09:12

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:46

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-09_20200828 Lab Sample ID: 460-217163-7

Matrix: Water Lab File ID: N927260.d

Analysis Method: 8270D Date Collected: 08/28/2020 09:12

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:46

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	94		46-137
1718-51-0	Terphenyl-d14 (Surr)	89		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: TW-09_20200828 Lab Sample ID: 460-217163-7

Matrix: Water Lab File ID: N927260.d

Analysis Method: 8270D Date Collected: 08/28/2020 09:12

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 22:46

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927260.d
Lims ID: 460-217163-D-7-A
Client ID: TW-09_20200828
Sample Type: Client
Inject. Date: 01-Sep-2020 22:46:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-013
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 23:32:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.463	4.457	0.006	94	158652	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	252444	9.42	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	568253	8.00	
$ 51 2-Fluorobiphenyl	172	6.693	6.692	0.001	98	533470	9.01	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	296025	8.00	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	506555	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	551366	8.93	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	389586	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	438139	8.00	

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

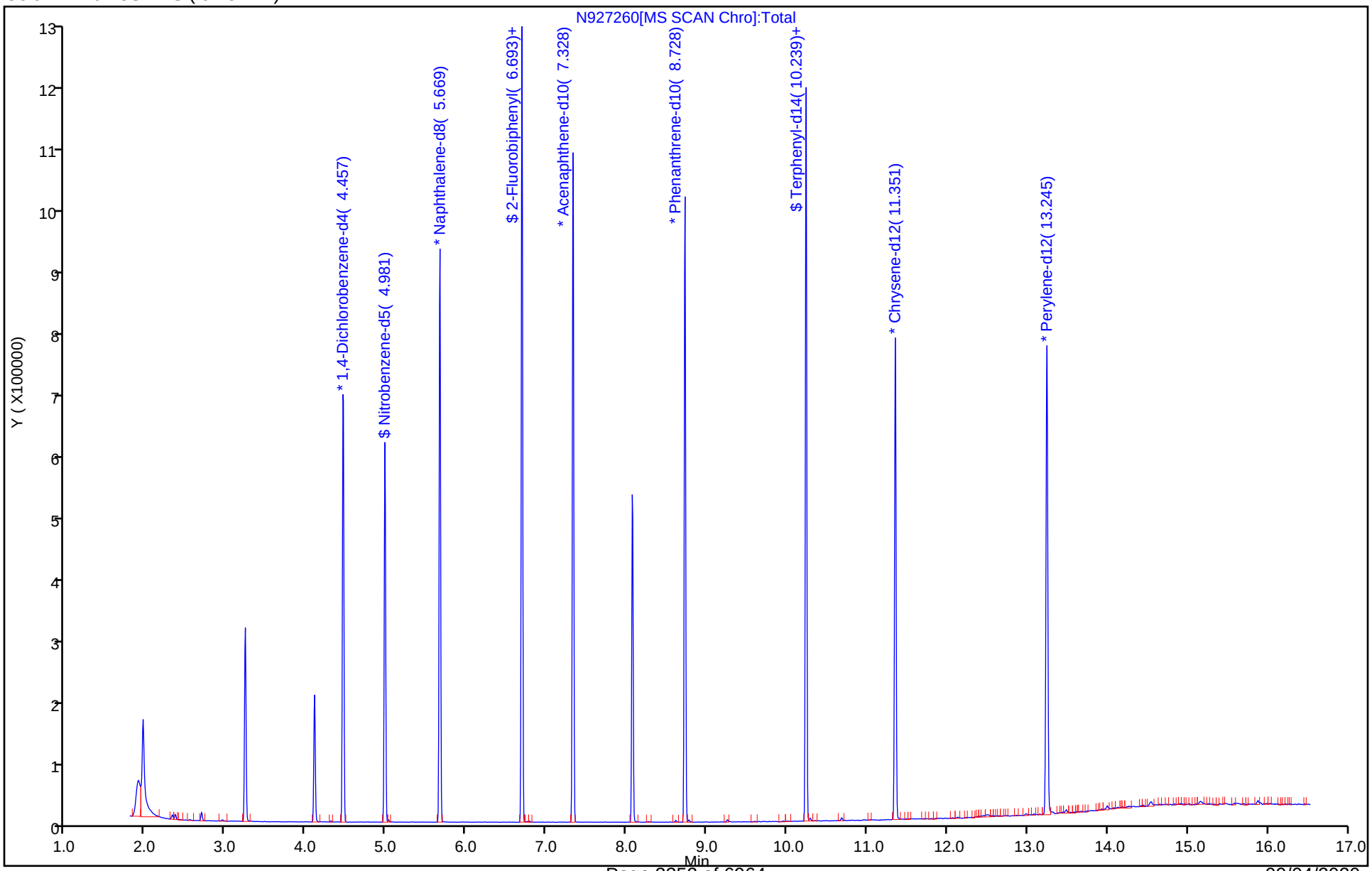
Report Date: 02-Sep-2020 14:27:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927260.d

Injection Date:	01-Sep-2020 22:46:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-217163-D-7-A	Lab Sample ID:	460-217163-7	Worklist Smp#:	13
Client ID:	TW-09_20200828				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



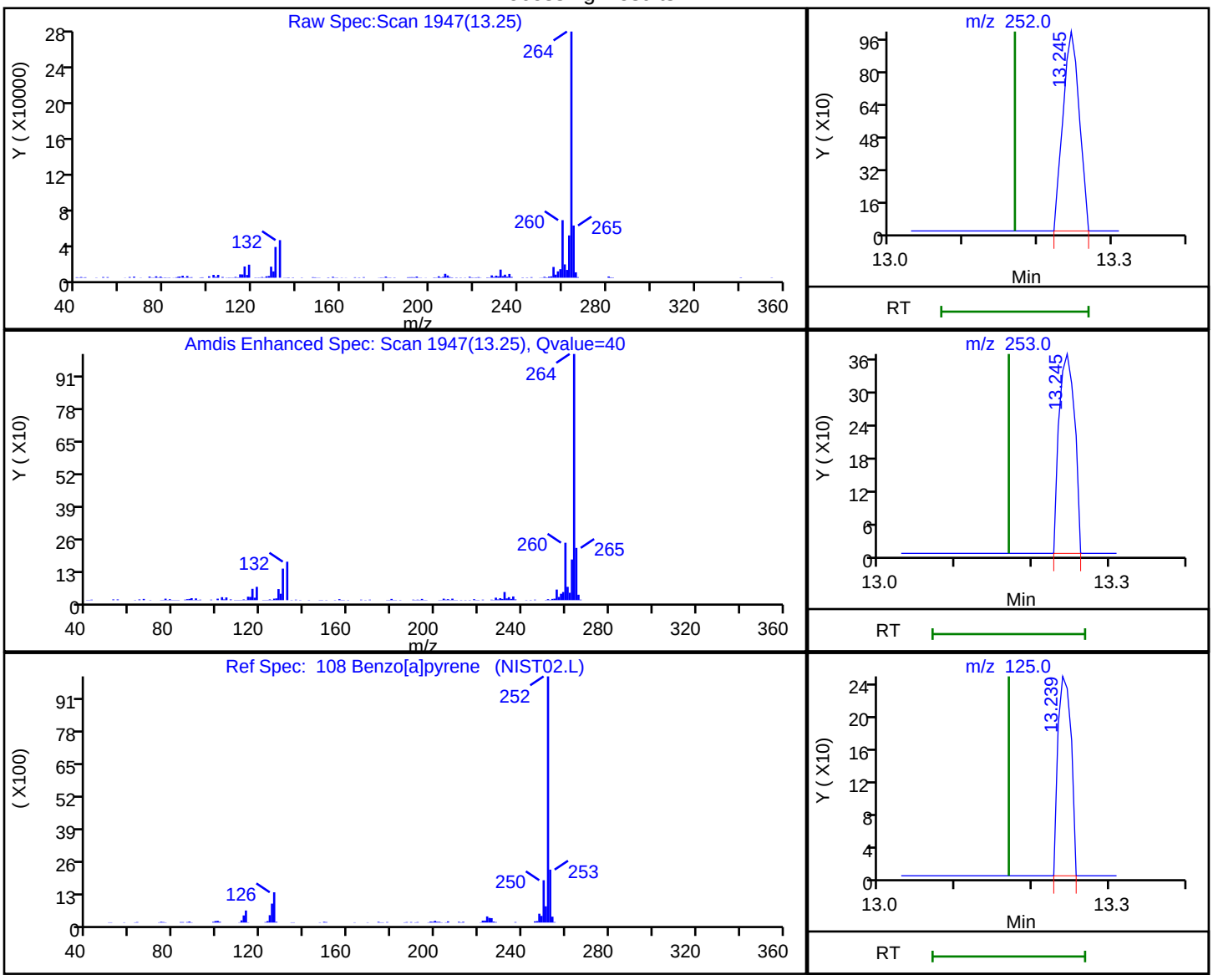
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927260.d				
Injection Date:	01-Sep-2020 22:46:30	Instrument ID:	CBNAMS14		
Lims ID:	460-217163-D-7-A	Lab Sample ID:	460-217163-7		
Client ID:	TW-09_20200828				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.25	252.00	1524	0.026483
13.25	253.00	513	
13.24	125.00	295	

Reviewer: eisam, 01-Sep-2020 23:31:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-716052/10	Z57328.d
Level 2	STD1 460-716052/9	Z57327.d
Level 3	STD2 460-716052/8	Z57326.d
Level 4	STD5 460-716052/7	Z57325.d
Level 5	STD10 460-716052/6	Z57324.d
Level 6	STD20 460-716052/5	Z57323.d
Level 7	ICIS 460-716052/2	Z57320.d
Level 8	STD80 460-716052/4	Z57322.d
Level 9	STD120 460-716052/3	Z57321.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5587 0.5416	0.4603 0.5379	0.5815 0.5206	0.5152 0.5106	0.5593	Ave		0.5318				6.7		20.0			
N-Nitrosodimethylamine	0.8250	0.8271	0.7981	0.8243 0.8101	0.8643	Ave		0.8248				2.7		20.0			
Pyridine	1.4022	1.4213	1.3606	1.4269 1.3637	1.4360	Ave		1.4018				2.3		20.0			
Benzaldehyde	1.0806	1.1283 +++++	1.1883 +++++	1.3039 +++++	1.1760	Ave		1.1754			0.0100	7.1		20.0			
Phenol	1.8048	1.9502	1.8899	1.8349 1.9053	1.8487	Ave		1.8723			0.8000	2.8		20.0			
Aniline	2.1075	2.2359	2.2060	2.2343 2.1809	2.2432	Ave		2.2013				2.3		20.0			
Bis(2-chloroethyl)ether	1.3415 1.3809	1.2072 1.4404	1.4103 1.3887	1.4270 1.3882	1.4147	Ave		1.3777			0.7000	5.1		20.0			
2-Chlorophenol	1.4004	1.3890	1.3896	1.4585 1.3776	1.4327	Ave		1.4079			0.8000	2.2		20.0			
n-Decane	2.0976	2.1802	2.0847	2.1448 2.0323	2.2041	Ave		2.1240				3.0		20.0			
1,3-Dichlorobenzene	1.5922	1.5942	1.5784	1.5671 1.5666	1.6327	Ave		1.5885				1.6		20.0			
1,4-Dichlorobenzene	1.6103	1.6251	1.5756	1.6671 1.5931	1.6430	Ave		1.6190				2.1		20.0			
Benzyl alcohol	0.8742	0.9154	0.8838	0.8590 0.8873	0.8999	Ave		0.8866				2.2		20.0			
1,2-Dichlorobenzene	1.5238	1.5360	1.4945	1.5299 1.4885	1.5864	Ave		1.5265				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.2130	1.2263	1.2009	1.2564 1.2431	1.2582	Ave		1.2330			0.7000	1.9		20.0			
2,2'-oxybis[1-chloropropane]	2.6422	2.7233	2.5995	2.7996 2.5805	2.7086	Ave		2.6756			0.0100	3.1		20.0			
N-Methylaniline	2.1426	2.2381	2.2021	2.1900 2.2642	2.1783	Ave		2.2025				2.0		20.0			
Acetophenone	2.0080	2.1053	2.0506	2.1590 2.0443	2.1166	Ave		2.0806			0.0100	2.7		20.0			
N-Nitrosodi-n-propylamine	1.1048 1.0731	1.1798 1.1264	0.9948 1.0923	1.1017 1.0833	1.1230	Ave		1.0977			0.5000	4.5		20.0			
3 & 4 Methylphenol	1.4402	1.4496	1.3938	1.4667 1.4175	1.4755	Ave		1.4406				2.1		20.0			
4-Methylphenol	1.4402	1.4496	1.3938	1.4667 1.4175	1.4755	Ave		1.4406			0.6000	2.1		20.0			
Hexachloroethane	0.5382 0.5928	0.6071 0.6120	0.5374 0.5907	0.5867 0.5956	0.6286	Ave		0.5877			0.3000	5.3		20.0			
Nitrobenzene	0.6950 0.6929	0.6349 0.6917	0.6081 0.6831	0.6870 0.6743	0.7280	Ave		0.6772			0.2000	5.2		20.0			
n,n'-Dimethylaniline	2.1604 2.0972	1.9668 2.1487	1.9683 2.1488	2.0776 2.1782	2.0805	Ave		2.0918				3.8		20.0			
Isophorone	0.7272	0.7323	0.6804 0.7196	0.7563 0.7142	0.7671	Ave		0.7282			0.4000	3.9		20.0			
2-Nitrophenol	0.1966	0.2011	0.1923	0.2001 0.1903	0.1976	Ave		0.1963			0.1000	2.2		20.0			
2,4-Dimethylphenol	0.3176	0.3236	0.3123	0.3279 0.3103	0.3078	Ave		0.3166			0.2000	2.5		20.0			
Bis(2-chloroethoxy)methane	0.4491	0.4710	0.4533	0.4662 0.4495	0.4662	Ave		0.4592			0.3000	2.1		20.0			
Benzoic acid	0.2065	0.2191	0.2323	0.1557 0.2356	0.1859	Ave		0.2059				14.8		20.0			
2,4-Dichlorophenol	0.3164	0.3219	0.2997 0.3152	0.3209 0.3155	0.3234	Ave		0.3161			0.2000	2.5		20.0			
1,2,4-Trichlorobenzene	0.3421 0.3655	0.3429 0.3638	0.3438 0.3534	0.3573 0.3523	0.3719	Ave		0.3548				3.0		20.0			
Naphthalene	1.0637	1.0807	1.0806	1.0800 1.0685	1.0713	Ave		1.0741			0.7000	0.7		20.0			
4-Chloroaniline	0.4287	0.4527	0.4429	0.4583 0.4422	0.4471	Ave		0.4453			0.0100	2.3		20.0			
Hexachlorobutadiene	0.2311	0.2119 0.2352	0.2420 0.2350	0.2319 0.2284	0.2399	Ave		0.2319			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.0947	0.0865 0.0920	0.0894 +++++	0.0873 +++++	0.0948	Ave		0.0908			0.0100	4.0		20.0			
4-Chloro-3-methylphenol	0.3111	0.3187	0.3168	0.3109 0.3136	0.3281	Ave		0.3165			0.2000	2.0		20.0			
2-Methylnaphthalene	0.6880	0.7059	0.7026	0.6821 0.7017	0.7104	Ave		0.6985			0.4000	1.6		20.0			
1-Methylnaphthalene	0.6371	0.6659	0.6582	0.6462 0.6645	0.6607	Ave		0.6554				1.7		20.0			
Hexachlorocyclopentadiene	0.5069	0.5792	0.5469	0.4835 0.5622	0.5288	Ave		0.5346			0.0500	6.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.6913	0.7111	0.6940	0.7000 0.7041	0.7285	Ave		0.7048			0.0100	1.9		20.0			
2-tertbutyl-4-methylphenol	0.4697	0.4861	0.4859	0.4596 0.4917	0.4563	Ave		0.4749				3.2		20.0			
2,4,6-Trichlorophenol	0.4817	0.4742	0.4512 0.4732	0.4355 0.4868	0.4838	Ave		0.4695			0.2000	4.1		20.0			
2,4,5-Trichlorophenol	0.4925	0.5200	0.4866	0.5295 0.4826	0.5561	Ave		0.5112			0.2000	5.7		20.0			
1,1'-Biphenyl	1.5866	1.6636	1.6136	1.5733 1.6587	1.6807	Ave		1.6294			0.0100	2.7		20.0			
2-Chloronaphthalene	1.2749	1.2927	1.2576	1.2708 1.2684	1.3215	Ave		1.2810			0.8000	1.8		20.0			
Phenyl ether	0.8387	0.8826	0.8510	0.8095 0.8880	0.8504	Ave		0.8534				3.4		20.0			
2-Nitroaniline	0.5409	0.5610	0.5290	0.5272 0.5413	0.5584	Ave		0.5430			0.0100	2.6		20.0			
1,3-Dimethylnaphthalene	0.9201	0.9697	0.9469	0.9222 0.9970	0.9290	Ave		0.9475				3.2		20.0			
Dimethyl phthalate	1.4746	1.4999	1.4619	1.4863 1.4732	1.5303	Ave		1.4877			0.0100	1.7		20.0			
Coumarin	0.2516	0.2541	0.2503	0.2473 0.2541	0.2543	Ave		0.2519				1.1		20.0			
2,6-Dinitrotoluene	0.3305	0.2724 0.3331	0.3159 0.3203	0.3141 0.3313	0.3446	Ave		0.3203			0.2000	6.8		20.0			
Acenaphthylene	1.9014	1.9555	1.9020	1.8742 1.9628	1.9518	Ave		1.9246			0.9000	1.9		20.0			
3-Nitroaniline	0.5280	0.5600	0.5197	0.5454 0.5309	0.5591	Ave		0.5405			0.0100	3.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.3177	1.3652	1.3622	1.2238 1.4225	1.2757	Ave		1.3278				5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	1.3560	1.2828	1.2417	1.3043 1.2304	1.3960	Ave		1.3018			0.9000	5.0		20.0			
2,4-Dinitrophenol	0.2001	0.2145	0.0799 0.2116	0.1448 0.2106	0.1831	Lin2	-0.553	0.2130			0.0100	3.3			0.9990		0.9900
4-Nitrophenol	0.3163	0.3455	0.3311	0.2968 0.3212	0.3284	Ave		0.3232			0.0100	5.1		20.0			
2,4-Dinitrotoluene	0.4398	0.3668 0.4581	0.3875 0.4296	0.4211 0.4432	0.4656	Ave		0.4265			0.2000	8.0		20.0			
Dibenzofuran	1.7430	1.8035	1.7756	1.7741 1.8049	1.8183	Ave		1.7866			0.8000	1.5		20.0			
2,3,4,6-Tetrachlorophenol	0.4239	0.4371	0.4239	0.4097 0.4325	0.4238	Ave		0.4251			0.0100	2.2		20.0			
Diethyl phthalate	1.4991	1.5154	1.4587	1.4929 1.4985	1.5460	Ave		1.5018			0.0100	1.9		20.0			
4-Chlorophenyl phenyl ether	0.7268	0.7199	0.7202	0.7261 0.7275	0.7532	Ave		0.7290			0.4000	1.7		20.0			
Fluorene	1.4011	1.5103	1.4794	1.4274 1.5178	1.4851	Ave		1.4702			0.9000	3.2		20.0			
4-Nitroaniline	0.3407	0.3393	0.3315	0.3395 0.3143	0.3582	Ave		0.3372			0.0100	4.2		20.0			
4,6-Dinitro-2-methylphenol	0.1407	0.1428	0.0883 0.1451	0.1215 0.1447	0.1381	Lin2	-0.233	0.1464			0.0100	1.2			1.0000		0.9900
N-Nitrosodiphenylamine	0.5539	0.5805	0.5676	0.5790 0.5647	0.5834	Ave		0.5715			0.0100	2.0		20.0			
1,2-Diphenylhydrazine	0.8174	0.8417	0.8506	0.8346 0.8845	0.8460	Ave		0.8458				2.6		20.0			
4-Bromophenyl phenyl ether	0.2595	0.2591	0.2624	0.2482 0.2576	0.2609	Ave		0.2580			0.1000	1.9		20.0			
Hexachlorobenzene	0.2789 0.2740	0.2798 0.2882	0.2708 0.2849	0.2880 0.2879	0.2839	Ave		0.2818			0.1000	2.3		20.0			
Atrazine	0.2301	0.2109 0.2351	0.2199 0.2361	0.2300 0.2242	0.2377	Ave		0.2280			0.0100	4.0		20.0			
Pentachlorophenol	0.1837	0.1908	0.1386 0.1943	0.1765 0.1941	0.1842	Ave		0.1803			0.0500	10.8		20.0			
Pentachloronitrobenzene	0.1252	0.1288	0.1288	0.1318 0.1303	0.1256	Ave		0.1284			0.0100	2.0		20.0			
n-Octadecane	0.7426	0.7807	0.7627	0.7396 0.7544	0.7594	Ave		0.7566				2.0		20.0			
Phenanthrene	1.1880	1.2289	1.2112	1.1973 1.2098	1.2357	Ave		1.2118			0.7000	1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Anthracene	1.2287	1.2931	1.2764	1.2371 1.2694	1.2702	Ave		1.2625			0.7000	1.9		20.0			
Carbazole	1.0107	1.0560	1.0562	1.0128 1.0549	1.0626	Ave		1.0422			0.0100	2.3		20.0			
Di-n-butyl phthalate	1.3288	1.3972	1.3904	1.3743 1.3811	1.3768	Ave		1.3748			0.0100	1.8		20.0			
Fluoranthene	1.2439	1.3095	1.3238	1.2653 1.3316	1.3006	Ave		1.2958			0.6000	2.7		20.0			
Benzidine	0.5629	0.6391	0.6415	0.5855 0.6717	0.5993	Ave		0.6167				6.6		20.0			
Pyrene	1.4623	1.4967	1.4529	1.4742 1.5094	1.5236	Ave		1.4865			0.6000	1.9		20.0			
Bisphenol-A	0.6704	0.6996	0.6982	0.6897 0.7096	0.7033	Ave		0.6951				2.0		20.0			
Butyl benzyl phthalate	0.6328	0.6466	0.6099	0.6105 0.6180	0.6330	Ave		0.6251			0.0100	2.4		20.0			
2,3,7,8-TCDD		0.2013				Ave		0.2013						20.0			
Carbamazepine	0.5846	0.5893	0.6013	0.5653 0.6064	0.5611	Ave		0.5847				3.2		20.0			
3,3'-Dichlorobenzidine	0.5194	0.5299	0.4559 0.5312	0.5158 0.5410	0.5270	Ave		0.5172			0.0100	5.5		20.0			
Benzo[a]anthracene	1.5199 1.3836	1.3842 1.4340	1.3542 1.4129	1.4337 1.4490	1.4705	Ave		1.4269			0.8000	3.5		20.0			
Chrysene	1.3567	1.3736	1.3760	1.3899 1.3526	1.4170	Ave		1.3777			0.7000	1.7		20.0			
Bis(2-ethylhexyl) phthalate	0.8911	0.9326	0.9029	0.9190 0.9350	0.9207	Ave		0.9169			0.0100	1.9		20.0			
Di-n-octyl phthalate	1.4224	1.4267	1.4641	1.4299 1.4637	1.4483	Ave		1.4425			0.0100	1.3		20.0			
Benzo[b]fluoranthene	1.1369 1.3005	1.1558 1.2805	1.1941 1.3551	1.2555 1.4302	1.2636	Ave		1.2636			0.7000	7.4		20.0			
Benzo[k]fluoranthene	1.2224 1.2629	1.2240 1.2620	1.2027 1.2570	1.3050 1.1401	1.3933	Ave		1.2521			0.7000	5.6		20.0			
Benzo[a]pyrene	1.0325 1.0863	0.9618 1.0830	1.0063 1.0956	1.0771 1.0571	1.1288	Ave		1.0587			0.7000	4.8		20.0			
Indeno[1,2,3-cd]pyrene	1.0014 1.1266	1.0234 1.1605	1.0625 1.1679	1.1303 1.1860	1.1102	Ave		1.1077			0.5000	5.9		20.0			
Dibenz(a,h)anthracene	0.9784 1.0948	0.9655 1.1091	1.0064 1.1186	1.0879 1.0746	1.1327	Ave		1.0631			0.4000	5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzo[g,h,i]perylene	1.0838	1.0896	1.0904	1.0706 1.0567	1.1286	Ave		1.0866			0.5000	2.2		20.0			
2-Fluorophenol (Surr)	1.2523	1.2991 1.3289	1.3269 1.3445	1.3190 1.3757	1.2743	Ave		1.3151				3.0		20.0			
Phenol-d5 (Surr)	1.6450	1.6915 1.7360	1.7277 1.7699	1.7125 1.7761	1.6858	Ave		1.7181				2.6		20.0			
Nitrobenzene-d5 (Surr)	0.4065 0.4138	0.4262 0.4409	0.4454 0.4333	0.4297 0.4357	0.4309	Ave		0.4291				2.9		20.0			
2-Fluorobiphenyl	1.4101 1.4118	1.5805 1.5177	1.5266 1.5247	1.4549 1.5658	1.4784	Ave		1.4967				4.1		20.0			
2,4,6-Tribromophenol (Surr)	0.2546	0.2362 0.2666	0.2375 0.2660	0.2440 0.2737	0.2516	Ave		0.2538				5.5		20.0			
Terphenyl-d14 (Surr)	1.0557 1.0306	1.0873 1.1289	1.1537 1.1213	1.1096 1.1566	1.0429	Ave		1.0985				4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-716052/10	Z57328.d
Level 2	STD1 460-716052/9	Z57327.d
Level 3	STD2 460-716052/8	Z57326.d
Level 4	STD5 460-716052/7	Z57325.d
Level 5	STD10 460-716052/6	Z57324.d
Level 6	STD20 460-716052/5	Z57323.d
Level 7	ICIS 460-716052/2	Z57320.d
Level 8	STD80 460-716052/4	Z57322.d
Level 9	STD120 460-716052/3	Z57321.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	3182 116121	5466 284515	13188 439495	31043 665372	60552	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd 4	Ave	176875	437494	673803	49670 1055600	93570	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCBd 4	Ave	601263	1503584	2297290	171953 3553854	310916	40.0	100	160	10.0 240	20.0
Benzaldehyde	DCBd 4	Ave	185344	13398 +++++	26949 +++++	78566 +++++	127307	16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd 4	Ave	386954	1031565	1595513	110559 2482681	200134	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCBd 4	Ave	451865	1182684	1862386	134625 2841808	242840	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd 4	Ave	7640 296081	14335 761922	31982 1172377	85984 1808910	153155	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd 4	Ave	300257	734688	1173121	87881 1795042	155097	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCBd 4	Ave	449749	1153234	1759943	129231 2648210	238609	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	341388	843225	1332560	94421 2041383	176752	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	345257	859577	1330205	100447 2075939	177866	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	187429	484205	746166	51758 1156178	97420	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	326720	812469	1261666	92180 1939621	171745	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	260075	648668	1013863	75705 1619796	136211	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	566513	1440474	2194556	168688 3362591	293224	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	459385	1183836	1859065	131958 2950319	235813	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	430523	1113597	1731161	130086 2663790	229141	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	6292 230083	14010 595805	22559 922119	66379 1411612	121576	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	308791	766772	1176665	88376 1847082	159731	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	308791	766772	1176665	88376 1847082	159731	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCBd 4	Ave	3065 127106	7209 323729	12188 498677	35349 776061	68051	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	3958 148553	7540 365855	13791 576707	41396 878695	78808	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	12304 449661	23356 1136556	44636 1814088	125181 2838308	225232	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	587319	1468701	58102 2299012	171753 3557126	318684	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	158737	403267	614383	45434 947890	82107	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	256471	648981	997778	74468 1545476	127865	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	362715	944623	1448313	105859 2239023	193669	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Ave	166751	439401	742271	35364 1173347	77250	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	255498	645653	25587 1006917	72866 1571187	134341	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	7432 295167	15476 729684	29355 1129240	81131 1754509	154505	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	859068	2167556	3452436	245254 5321968	445074	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	346235	908020	1415099	104065 2202359	185739	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	186648	9563 471665	20668 750973	52666 1137716	99657	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	61176	3903 73845	7636 +++++	19819 +++++	39394	16.0	1.00 20.0	2.00 +++++	5.00 +++++	10.0
4-Chloro-3-methylphenol	NPT	Ave	251233	639183	1012120	70595 1561705	136289	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	555602	1415826	2244867	154895 3495099	295147	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	514487	1335598	2103083	146746 3309482	274484	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	220978	623889	959140	59793 1506443	116732	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	301342	765990	1217030	86557 1886596	160832	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	379313	974940	1552494	104369 2448823	189560	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	209991	510775	20197 829903	53848 1304291	106813	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	214697	560106	853390	65478 1292965	122763	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	691599	1792101	2829741	194546 4444185	371021	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	555740	1392538	2205393	157149 3398437	291742	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	365580	950790	1492485	100103 2379309	187727	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	235767	604366	927639	65187 1450362	123263	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	401085	1044552	1660584	114038 2671296	205081	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	642773	1615686	2563778	183787 3947057	337826	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	203195	509557	799744	56148 1265702	105633	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	144060	6716 358863	14139 561767	38842 887751	76066	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	828813	2106506	3335658	231764 5258995	430886	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	230174	603234	911467	67443 1422484	123418	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	574379	1470603	2388896	151327 3811385	281624	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	591082	1381867	2177566	161281 3296499	308170	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	174462	462192	7151 742240	35819 1128270	80858	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	275723	744368	1161320	73414 1721396	145013	40.0	100	160	10.0 240	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4-Dinitrotoluene	ANT	Ave	191712	9044 493521	17346 753399	52070 1187396	102794	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	759776	1942750	3113904	219385 4835765	401396	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	184787	470808	743413	50660 1158853	93549	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	653469	1632357	2558196	184604 4015054	341291	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	316832	775468	1263044	89788 1949261	166274	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	610718	1626887	2594440	176505 4066543	327842	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	148499	365475	581372	41984 842066	79070	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	221743	551307	14276 897193	52910 1406590	110714	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	436362	1120860	1754658	126093 2743763	233840	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	643990	1625211	2629747	181747 4297685	339091	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	204418	500289	811231	54060 1251807	104563	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	5789 215839	12092 556439	21898 880867	62722 1398711	113783	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	145000	9117 181584	17780 218953	50083 290511	95269	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	289513	736654	22405 1201625	76890 1886711	147664	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	98621	248755	398107	28712 633317	50356	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	585007	1507486	2358018	161061 3665772	304350	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	935890	2372933	3744448	260731 5878664	495285	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	968030	2496912	3946185	269403 6168070	509118	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	796275	2039013	3265463	220560 5125968	425906	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	1046835	2697879	4298465	299284 6710916	551811	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	980001	2528557	4092545	275547 6470546	521272	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzidine	PHN	Ave	443436	1234100	1983329	127505 3263850	240184	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	1001422	2539054	4100156	272527 6506034	526186	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	459086	1186829	1970402	127508 3058591	242898	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	433387	1096958	1721240	112860 2663730	218609	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		3415					0.500			
Carbamazepine	CRY	Ave	400377	999752	1696891	104511 2613961	193786	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	355708	898942	30978 1499066	95361 2331828	182021	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	26033 947501	50352 2432649	92017 3987318	265037 6245732	507876	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	929138	2330228	3883045	256945 5830424	489385	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	610235	1582068	2547886	169897 4030149	317965	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	1036942	2650112	4317565	281551 6811702	533871	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	20476 948054	43922 2378447	85068 3995910	247222 6655855	465792	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	22016 920662	46512 2344177	85680 3706715	256969 5305758	513597	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	18597 791932	36550 2011708	71689 3230867	212096 4919534	416119	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	18037 821306	38891 2155658	75692 3443979	222564 5519550	409269	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	17622 798132	36691 2060081	71695 3298554	214221 5000882	417561	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	790114	2024015	3215529	210804 4917943	416042	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	268509	15427 702932	30092 1135059	79473 1792615	137949	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	352698	20087 918252	39181 1494186	103184 2314330	182501	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	8830 334161	19234 884260	38028 1384473	97584 2170217	178994	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	16400 615398	38973 1634935	68333 2673942	179909 4195220	326372	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 716052

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2020 15:52 Calibration End Date: 08/12/2020 19:02 Calibration ID: 81496

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4,6-Tribromophenol (Surr)	ANT	Ave	5824 110967	10631 287230	30176 466575	55536 733335		1.00 20.0	2.00 50.0	5.00 80.0	10.0 120	
Terphenyl-d14 (Surr)	CRY	Ave	18082 705781	39550 1915076	78395 3164167	205130 4985561	360194	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57320.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 12-Aug-2020 15:52:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-002
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:18 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:21:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.754	1.754	0.000	91	284515	50.0	50.6	
2 N-Nitrosodimethylamine	74	1.966	1.966	0.000	75	437494	50.0	50.1	
3 Pyridine	79	1.990	1.990	0.000	76	1503584	100.0	101.4	
$ 4 2-Fluorophenol	112	3.054	3.054	0.000	88	702932	50.0	50.5	
5 Benzaldehyde	77	3.878	3.878	0.000	91	141011	20.0	11.3	
$ 6 Phenol-d5	99	3.948	3.948	0.000	99	918252	50.0	50.5	
7 Phenol	94	3.966	3.966	0.000	95	1031565	50.0	52.1	
8 Aniline	93	3.989	3.989	0.000	99	1182684	50.0	50.8	
9 Bis(2-chloroethyl)ether	93	4.054	4.054	0.000	91	761922	50.0	52.3	
11 2-Chlorophenol	128	4.107	4.107	0.000	90	734688	50.0	49.3	
12 n-Decane	43	4.160	4.160	0.000	93	1153234	50.0	51.3	
13 1,3-Dichlorobenzene	146	4.254	4.254	0.000	93	843225	50.0	50.2	
* 14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	97	423158	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.325	4.325	0.000	94	859577	50.0	50.2	
16 Benzyl alcohol	108	4.436	4.436	0.000	89	484205	50.0	51.6	
17 1,2-Dichlorobenzene	146	4.472	4.472	0.000	94	812469	50.0	50.3	
18 2-Methylphenol	108	4.548	4.548	0.000	85	648668	50.0	49.7	
19 2,2'-oxybis[1-chloropropane]	45	4.572	4.572	0.000	91	1440474	50.0	50.9	a
20 N-Methylaniline	106	4.689	4.689	0.000	92	1183836	50.0	50.8	
24 4-Methylphenol	108	4.701	4.701	0.000	75	766772	50.0	50.3	
23 3 & 4 Methylphenol	108	4.701	4.701	0.000	84	766772	50.0	50.3	
22 Acetophenone	105	4.701	4.701	0.000	94	1113597	50.0	50.6	
21 N-Nitrosodi-n-propylamine	70	4.707	4.707	0.000	94	595805	50.0	51.3	
25 Hexachloroethane	117	4.801	4.801	0.000	91	323729	50.0	52.1	
$ 26 Nitrobenzene-d5	82	4.842	4.842	0.000	92	884260	50.0	51.4	
27 Nitrobenzene	123	4.860	4.860	0.000	88	365855	50.0	51.1	
28 n,n'-Dimethylaniline	120	4.866	4.866	0.000	97	1136556	50.0	51.4	a
31 Isophorone	82	5.095	5.095	0.000	98	1468701	50.0	50.3	
32 2-Nitrophenol	139	5.166	5.166	0.000	82	403267	50.0	51.2	
33 2,4-Dimethylphenol	122	5.213	5.213	0.000	88	648981	50.0	51.1	
34 Bis(2-chloroethoxy)methane	93	5.307	5.307	0.000	95	944623	50.0	51.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.354	5.354	0.000	93	439401	50.0	53.2	
36 2,4-Dichlorophenol	162	5.401	5.401	0.000	93	645653	50.0	50.9	
37 1,2,4-Trichlorobenzene	180	5.483	5.483	0.000	94	729684	50.0	51.3	
* 38 Naphthalene-d8	136	5.536	5.536	0.000	99	1604544	40.0	40.0	
39 Naphthalene	128	5.560	5.560	0.000	98	2167556	50.0	50.3	
40 4-Chloroaniline	127	5.613	5.613	0.000	96	908020	50.0	50.8	
133 2,6-Dichlorophenol	162	5.619	5.619	0.000	94	636980	NC	NC	
41 Hexachlorobutadiene	225	5.689	5.689	0.000	97	471665	50.0	50.7	
42 Caprolactam	113	5.960	5.960	0.000	86	73845	20.0	20.3	M
43 4-Chloro-3-methylphenol	107	6.083	6.083	0.000	96	639183	50.0	50.3	
44 2-Methylnaphthalene	142	6.225	6.225	0.000	83	1415826	50.0	50.5	
45 1-Methylnaphthalene	142	6.319	6.319	0.000	92	1335598	50.0	50.8	
46 Hexachlorocyclopentadiene	237	6.389	6.389	0.000	97	623889	50.0	54.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.389	6.389	0.000	98	765990	50.0	50.4	
48 2-tertbutyl-4-methylphenol	149	6.425	6.425	0.000	90	974940	50.0	51.2	
49 2,4,6-Trichlorophenol	196	6.495	6.495	0.000	89	510775	50.0	50.5	
50 2,4,5-Trichlorophenol	196	6.530	6.530	0.000	97	560106	50.0	50.9	
$ 51 2-Fluorobiphenyl	172	6.577	6.577	0.000	97	1634935	50.0	50.7	
52 1,1'-Biphenyl	154	6.677	6.677	0.000	96	1792101	50.0	51.1	
53 2-Chloronaphthalene	162	6.689	6.689	0.000	99	1392538	50.0	50.5	
54 Phenyl ether	170	6.777	6.777	0.000	92	950790	50.0	51.7	
55 2-Nitroaniline	65	6.789	6.789	0.000	95	604366	50.0	51.7	
57 1,3-Dimethylnaphthalene	156	6.901	6.901	0.000	90	1044552	50.0	51.2	
58 Dimethyl phthalate	163	6.977	6.977	0.000	97	1615686	50.0	50.4	
59 Coumarin	146	6.989	6.989	0.000	74	509557	50.0	50.4	
60 2,6-Dinitrotoluene	165	7.025	7.025	0.000	92	358863	50.0	52.0	
63 Acenaphthylene	152	7.089	7.089	0.000	97	2106506	50.0	50.8	
64 3-Nitroaniline	65	7.183	7.183	0.000	89	603234	50.0	51.8	
* 65 Acenaphthene-d10	164	7.225	7.225	0.000	95	861769	40.0	40.0	
67 Acenaphthene	154	7.254	7.254	0.000	94	1381867	50.0	49.3	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.254	7.254	0.000	97	1470603	50.0	51.4	
68 2,4-Dinitrophenol	184	7.283	7.283	0.000	91	462192	100.0	103.3	
69 4-Nitrophenol	65	7.354	7.354	0.000	97	744368	100.0	106.9	
70 2,4-Dinitrotoluene	165	7.407	7.407	0.000	92	493521	50.0	53.7	
71 Dibenzofuran	168	7.419	7.419	0.000	98	1942750	50.0	50.5	
72 2,3,4,6-Tetrachlorophenol	232	7.536	7.536	0.000	95	470808	50.0	51.4	
73 Diethyl phthalate	149	7.654	7.654	0.000	98	1632357	50.0	50.5	
75 4-Chlorophenyl phenyl ether	204	7.748	7.748	0.000	77	775468	50.0	49.4	
74 Fluorene	166	7.748	7.748	0.000	93	1626887	50.0	51.4	
76 4-Nitroaniline	138	7.783	7.783	0.000	94	365475	50.0	50.3	
77 4,6-Dinitro-2-methylphenol	198	7.807	7.807	0.000	83	551307	100.0	99.1	
78 N-Nitrosodiphenylamine	169	7.866	7.866	0.000	90	1120860	50.0	50.8	
79 1,2-Diphenylhydrazine	77	7.901	7.901	0.000	98	1625211	50.0	49.8	
$ 80 2,4,6-Tribromophenol	330	7.977	7.977	0.000	95	287230	50.0	52.5	
81 4-Bromophenyl phenyl ether	248	8.213	8.213	0.000	90	500289	50.0	50.2	
82 Hexachlorobenzene	284	8.277	8.277	0.000	96	556439	50.0	51.1	
83 Atrazine	200	8.377	8.377	0.000	91	181584	20.0	20.6	
84 Pentachlorophenol	266	8.460	8.460	0.000	94	736654	100.0	105.8	
85 Pentachloronitrobenzene	237	8.477	8.477	0.000	89	248755	50.0	50.2	
86 n-Octadecane	57	8.554	8.554	0.000	90	1507486	50.0	51.6	
* 87 Phenanthrene-d10	188	8.636	8.636	0.000	98	1544721	40.0	40.0	
88 Phenanthrene	178	8.660	8.660	0.000	97	2372933	50.0	50.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.707	8.707	0.000	99	2496912	50.0	51.2	
90 Carbazole	167	8.860	8.860	0.000	96	2039013	50.0	50.7	
91 Di-n-butyl phthalate	149	9.207	9.207	0.000	100	2697879	50.0	50.8	a
92 Fluoranthene	202	9.795	9.795	0.000	98	2528557	50.0	50.5	
93 Benzidine	184	9.918	9.918	0.000	99	1234100	50.0	51.8	
94 Pyrene	202	10.007	10.007	0.000	98	2539054	50.0	50.3	
95 Bisphenol-A	213	10.060	10.060	0.000	98	1186829	50.0	50.3	
$ 96 Terphenyl-d14	244	10.165	10.165	0.000	99	1915076	50.0	51.4	
97 Butyl benzyl phthalate	149	10.671	10.671	0.000	98	1096958	50.0	51.7	
98 2,3,7,8-TCDD	320	10.760	10.760	0.000	90	3415	0.5000	0.5000	
99 Carbamazepine	193	10.777	10.777	0.000	93	999752	50.0	50.4	
100 3,3'-Dichlorobenzidine	252	11.248	11.248	0.000	99	898942	50.0	51.2	
101 Benzo[a]anthracene	228	11.265	11.265	0.000	97	2432649	50.0	50.2	
* 102 Chrysene-d12	240	11.277	11.277	0.000	99	1357117	40.0	40.0	
103 Chrysene	228	11.312	11.312	0.000	99	2330228	50.0	49.9	
104 Bis(2-ethylhexyl) phthalate	149	11.330	11.330	0.000	89	1582068	50.0	50.9	
105 Di-n-octyl phthalate	149	12.154	12.154	0.000	97	2650112	50.0	49.5	
106 Benzo[b]fluoranthene	252	12.630	12.630	0.000	98	2378447	50.0	50.7	
107 Benzo[k]fluoranthene	252	12.671	12.671	0.000	98	2344177	50.0	50.4	
108 Benzo[a]pyrene	252	13.071	13.071	0.000	98	2011708	50.0	51.1	
* 109 Perylene-d12	264	13.154	13.154	0.000	99	1486002	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.700	14.700	0.000	98	2155658	50.0	52.4	
111 Dibenz(a,h)anthracene	278	14.742	14.742	0.000	99	2060081	50.0	52.2	
112 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	97	2024015	50.0	50.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:52:19 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57320.d

Injection Date: 12-Aug-2020 15:52:30 Instrument ID: CBNAMS11 Operator ID:

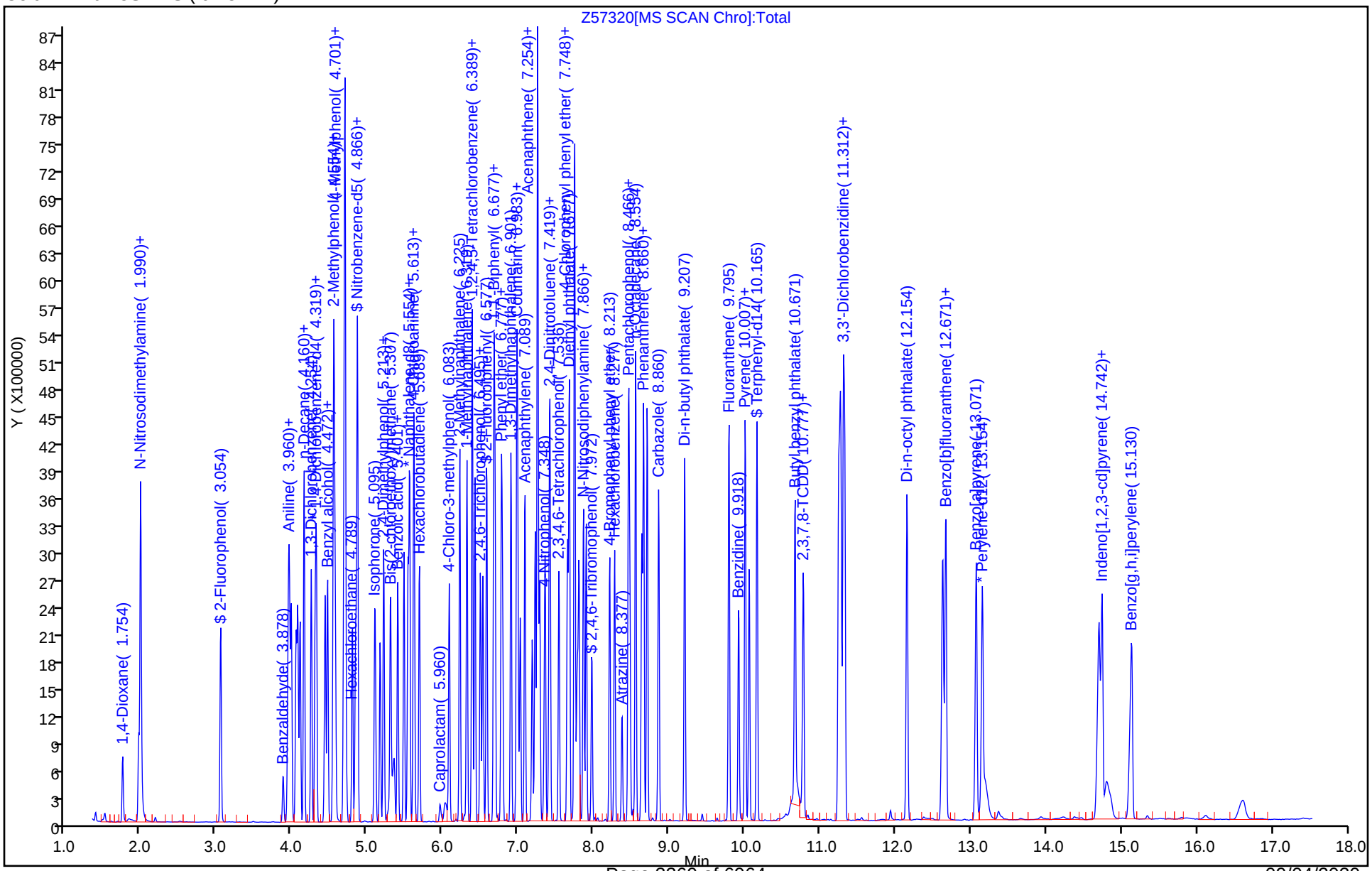
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

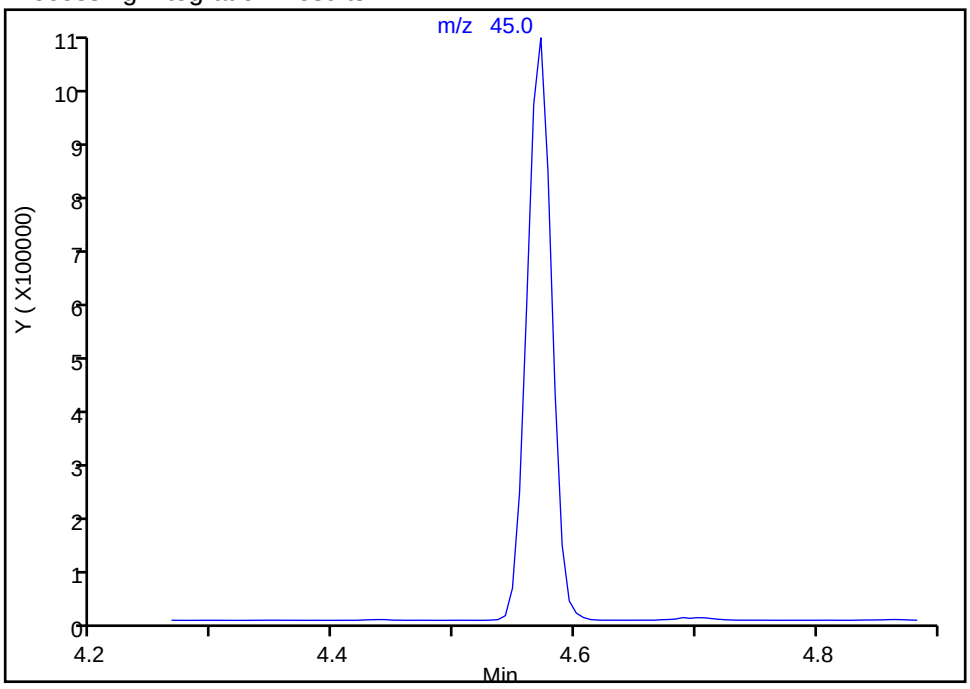
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57320.d				
Injection Date:	12-Aug-2020 15:52:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

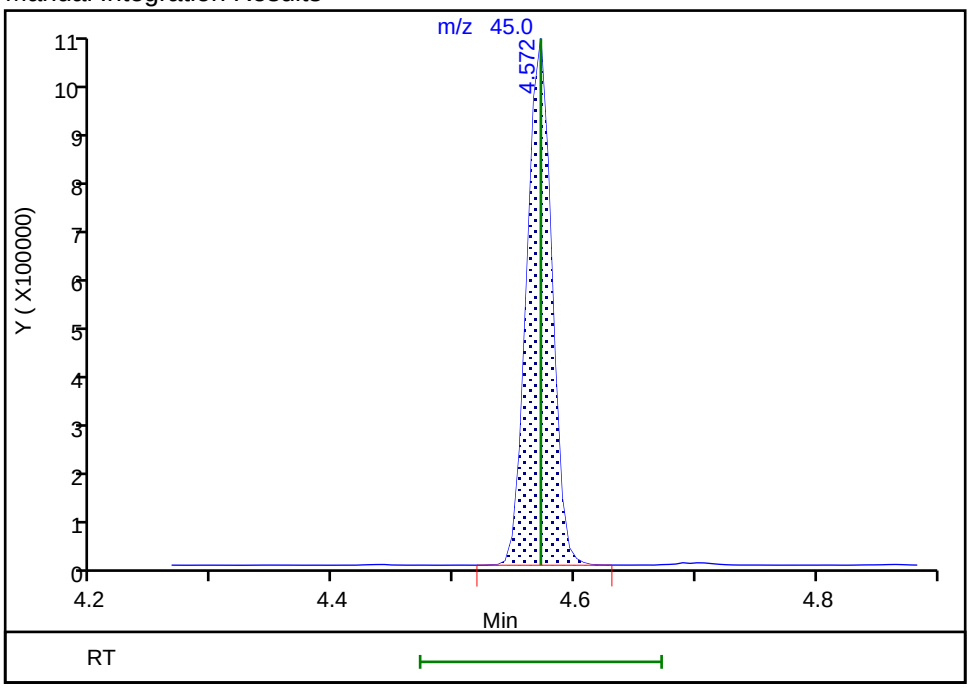
Not Detected
Expected RT: 4.57

Processing Integration Results



Manual Integration Results

RT: 4.57
Area: 1440474
Amount: 50.890639
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:19:56
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

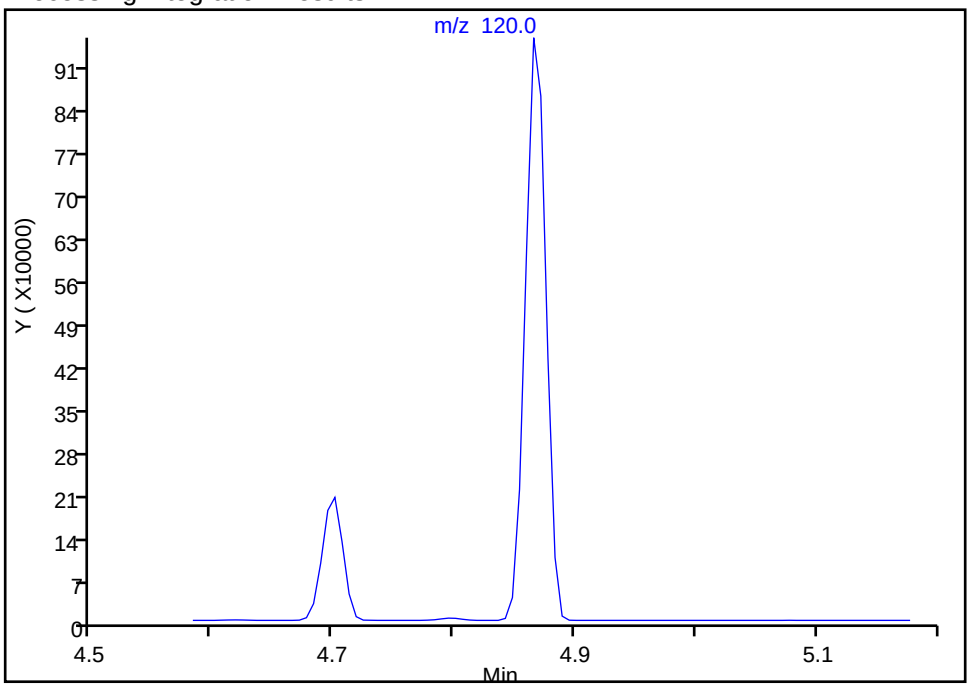
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57320.d				
Injection Date:	12-Aug-2020 15:52:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

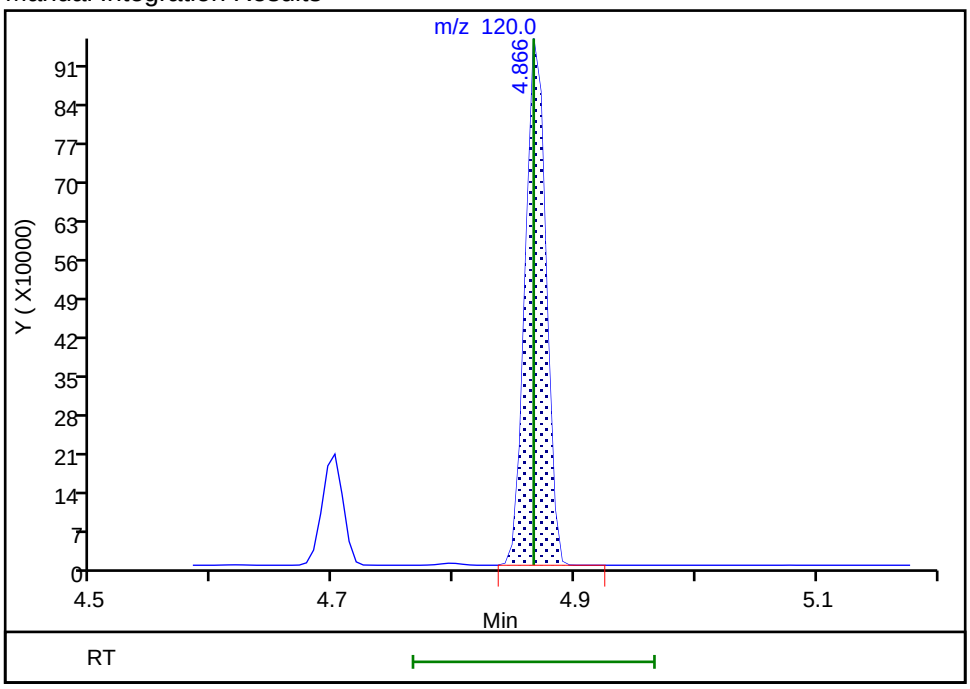
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.87
Area: 1136556
Amount: 51.359533
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:19:52
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

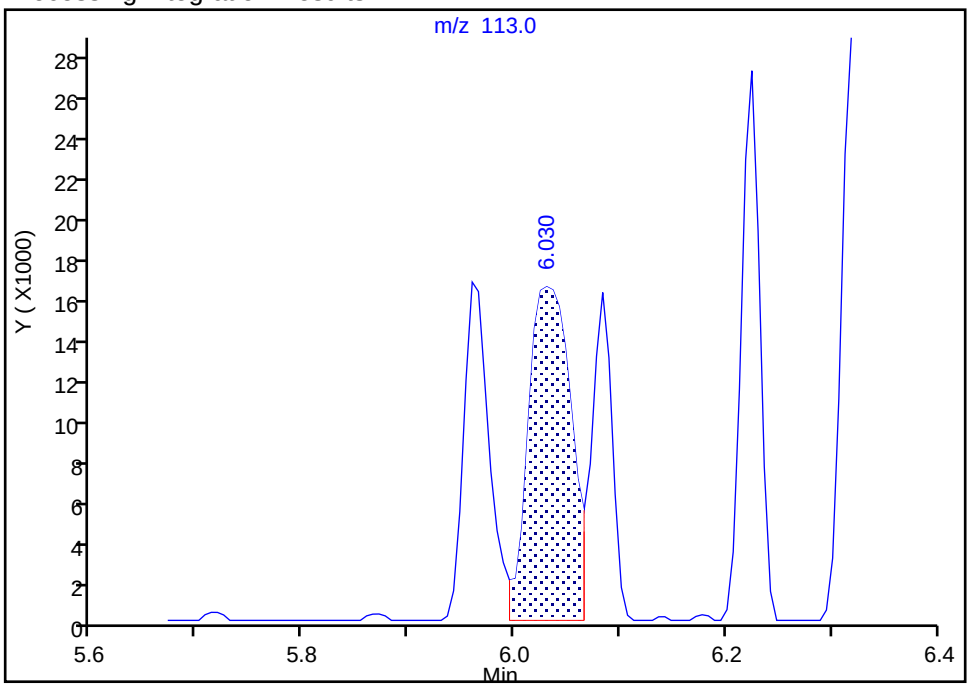
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57320.d				
Injection Date:	12-Aug-2020 15:52:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

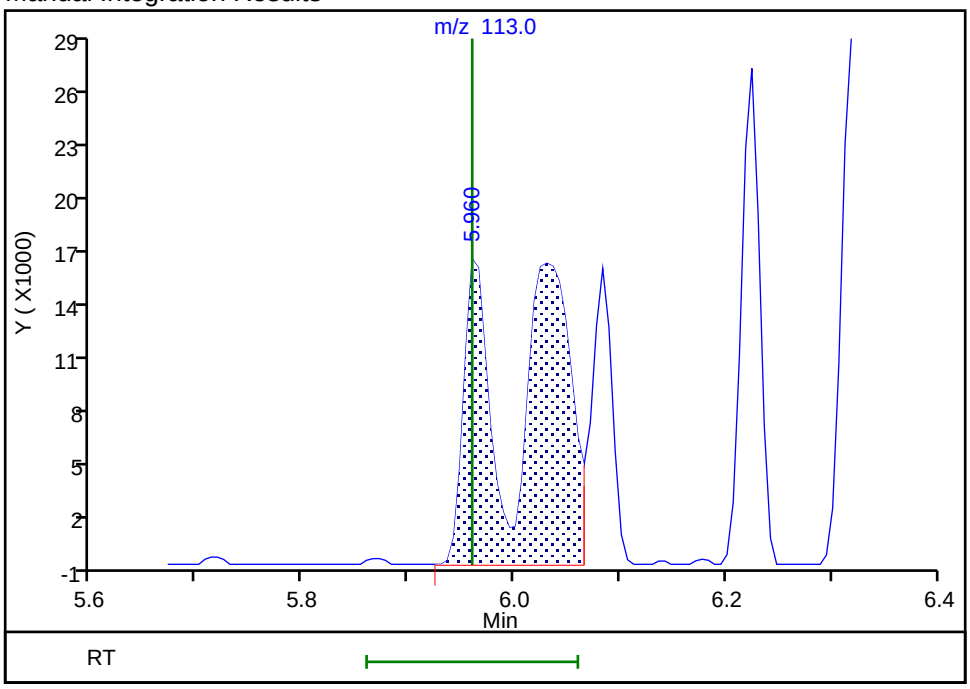
Processing Integration Results

RT: 6.03
Area: 46289
Amount: 38.748290
Amount Units: ug/ml



Manual Integration Results

RT: 5.96
Area: 73845
Amount: 20.276375
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:19:42

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

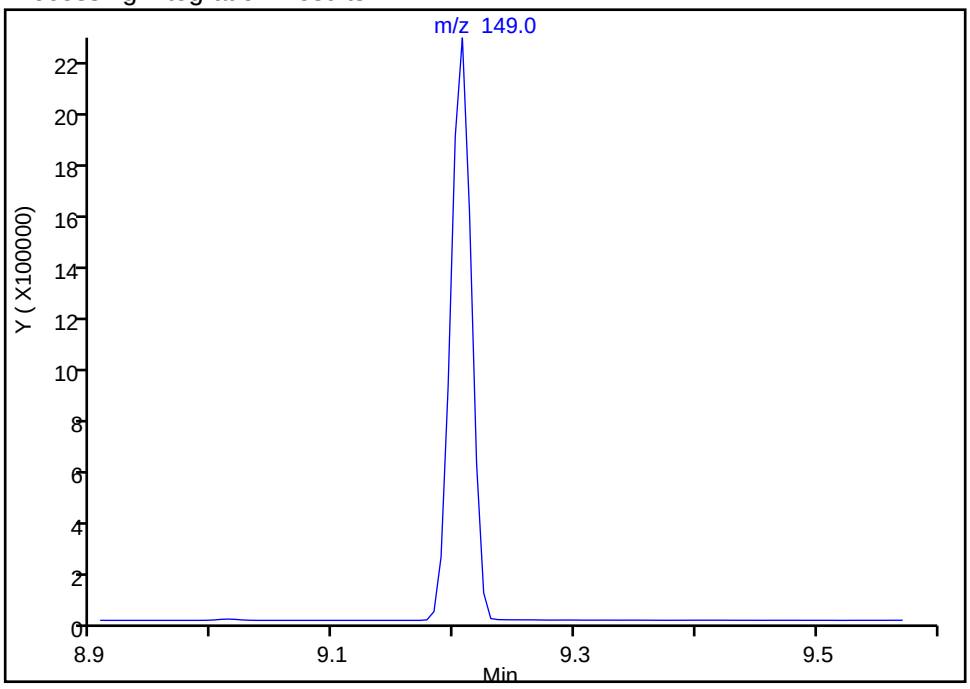
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57320.d				
Injection Date:	12-Aug-2020 15:52:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

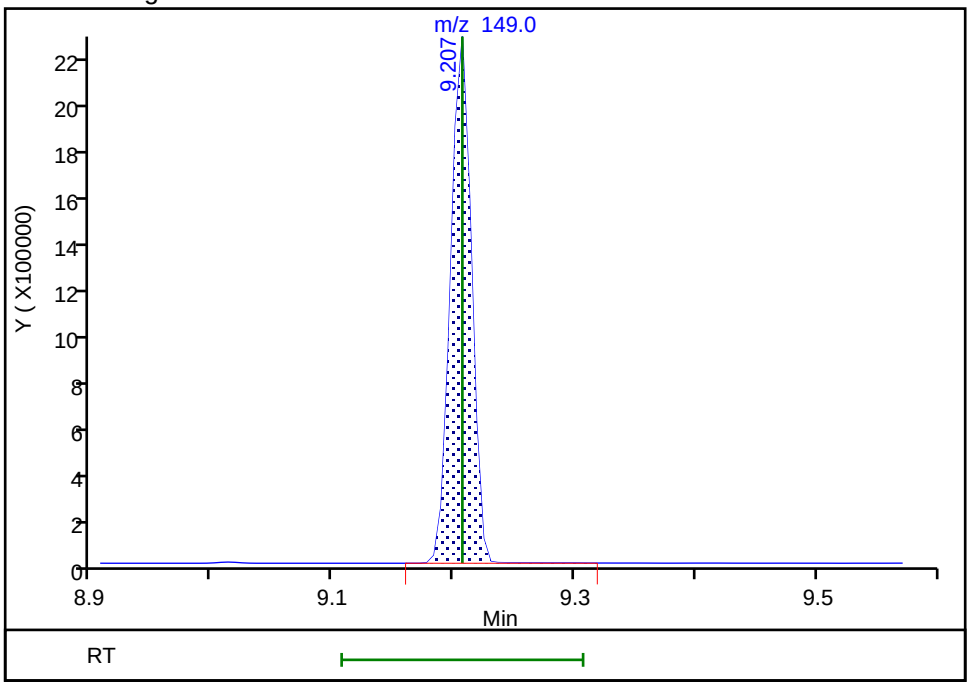
Not Detected
Expected RT: 9.21

Processing Integration Results



Manual Integration Results

RT: 9.21
Area: 2697879
Amount: 50.816833
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:19:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57321.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 12-Aug-2020 16:16:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:26 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:21:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.755	1.754	0.001	91	665372	120.0	115.2	
2 N-Nitrosodimethylamine	74	1.972	1.966	0.006	76	1055600	120.0	117.9	
3 Pyridine	79	1.996	1.990	0.006	76	3553854	240.0	233.5	
$ 4 2-Fluorophenol	112	3.060	3.054	0.006	88	1792615	120.0	125.5	
5 Benzaldehyde	77	3.884	3.878	0.006	91	114284	32.0	8.95	
$ 6 Phenol-d5	99	3.972	3.948	0.024	98	2314330	120.0	124.1	
7 Phenol	94	3.984	3.966	0.018	93	2482681	120.0	122.1	
8 Aniline	93	3.996	3.989	0.007	88	2841808	120.0	118.9	
9 Bis(2-chloroethyl)ether	93	4.066	4.054	0.012	91	1808910	120.0	120.9	
11 2-Chlorophenol	128	4.119	4.107	0.012	92	1795042	120.0	117.4	
12 n-Decane	43	4.166	4.160	0.006	92	2648210	120.0	114.8	
13 1,3-Dichlorobenzene	146	4.260	4.254	0.006	94	2041383	120.0	118.3	
* 14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	96	434352	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.325	4.325	0.000	93	2075939	120.0	118.1	
16 Benzyl alcohol	108	4.454	4.436	0.018	89	1156178	120.0	120.1	
17 1,2-Dichlorobenzene	146	4.478	4.472	0.006	94	1939621	120.0	117.0	
18 2-Methylphenol	108	4.560	4.548	0.012	80	1619796	120.0	121.0	
19 2,2'-oxybis[1-chloropropane]	45	4.578	4.572	0.006	92	3362591	120.0	115.7	
20 N-Methylaniline	106	4.696	4.689	0.007	89	2950319	120.0	123.4	a
24 4-Methylphenol	108	4.725	4.701	0.024	91	1847082	120.0	118.1	
23 3 & 4 Methylphenol	108	4.725	4.701	0.024	82	1847082	120.0	118.1	
22 Acetophenone	105	4.713	4.701	0.012	95	2663790	120.0	117.9	
21 N-Nitrosodi-n-propylamine	70	4.725	4.707	0.018	92	1411612	120.0	118.4	M
25 Hexachloroethane	117	4.801	4.801	0.000	92	776061	120.0	121.6	
$ 26 Nitrobenzene-d5	82	4.854	4.842	0.012	94	2170217	120.0	121.8	
27 Nitrobenzene	123	4.878	4.860	0.018	86	878695	120.0	119.5	
28 n,n'-Dimethylaniline	120	4.884	4.866	0.018	83	2838308	120.0	125.0	
31 Isophorone	82	5.131	5.095	0.036	99	3557126	120.0	117.7	
32 2-Nitrophenol	139	5.178	5.166	0.012	82	947890	120.0	116.3	
33 2,4-Dimethylphenol	122	5.231	5.213	0.018	88	1545476	120.0	117.6	
34 Bis(2-chloroethoxy)methane	93	5.319	5.307	0.012	95	2239023	120.0	117.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.413	5.354	0.059	93	1173347	120.0	137.3	
36 2,4-Dichlorophenol	162	5.413	5.401	0.012	93	1571187	120.0	119.8	
37 1,2,4-Trichlorobenzene	180	5.490	5.483	0.007	94	1754509	120.0	119.2	
* 38 Naphthalene-d8	136	5.543	5.536	0.007	99	1660221	40.0	40.0	
39 Naphthalene	128	5.566	5.560	0.006	99	5321968	120.0	119.4	
40 4-Chloroaniline	127	5.625	5.613	0.012	95	2202359	120.0	119.2	
133 2,6-Dichlorophenol	162	5.631	5.619	0.012	93	1530537	NC	NC	
41 Hexachlorobutadiene	225	5.690	5.689	0.001	97	1137716	120.0	118.2	
42 Caprolactam	113	6.090	5.960	0.130	85	172116	32.0	45.7	M
43 4-Chloro-3-methylphenol	107	6.090	6.083	0.007	96	1561705	120.0	118.9	
44 2-Methylnaphthalene	142	6.231	6.225	0.006	84	3495099	120.0	120.6	
45 1-Methylnaphthalene	142	6.325	6.319	0.006	92	3309482	120.0	121.7	
46 Hexachlorocyclopentadiene	237	6.395	6.389	0.006	97	1506443	120.0	126.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.395	6.389	0.006	98	1886596	120.0	119.9	
48 2-tertbutyl-4-methylphenol	149	6.437	6.425	0.012	89	2448823	120.0	124.2	
49 2,4,6-Trichlorophenol	196	6.507	6.495	0.012	90	1304291	120.0	124.4	
50 2,4,5-Trichlorophenol	196	6.543	6.530	0.013	97	1292965	120.0	113.3	
$ 51 2-Fluorobiphenyl	172	6.590	6.577	0.013	98	4195220	120.0	125.5	
52 1,1'-Biphenyl	154	6.684	6.677	0.007	96	4444185	120.0	122.2	
53 2-Chloronaphthalene	162	6.701	6.689	0.012	99	3398437	120.0	118.8	
54 Phenyl ether	170	6.784	6.777	0.007	90	2379309	120.0	124.9	
55 2-Nitroaniline	65	6.801	6.789	0.012	94	1450362	120.0	119.6	
57 1,3-Dimethylnaphthalene	156	6.913	6.901	0.012	92	2671296	120.0	126.3	
58 Dimethyl phthalate	163	7.001	6.977	0.024	97	3947057	120.0	118.8	
59 Coumarin	146	7.001	6.989	0.012	74	1265702	120.0	121.0	
60 2,6-Dinitrotoluene	165	7.043	7.025	0.017	92	887751	120.0	124.1	
63 Acenaphthylene	152	7.095	7.089	0.006	98	5258995	120.0	122.4	
64 3-Nitroaniline	65	7.201	7.183	0.018	90	1422484	120.0	117.9	
* 65 Acenaphthene-d10	164	7.231	7.225	0.007	95	893104	40.0	40.0	
67 Acenaphthene	154	7.266	7.254	0.012	95	3296499	120.0	113.4	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.266	7.254	0.012	97	3811385	120.0	128.6	
68 2,4-Dinitrophenol	184	7.307	7.283	0.024	91	1128270	240.0	239.8	
69 4-Nitrophenol	65	7.378	7.354	0.024	97	1721396	240.0	238.5	
70 2,4-Dinitrotoluene	165	7.425	7.407	0.018	87	1187396	120.0	124.7	
71 Dibenzofuran	168	7.431	7.419	0.012	96	4835765	120.0	121.2	
72 2,3,4,6-Tetrachlorophenol	232	7.548	7.536	0.012	96	1158853	120.0	122.1	
73 Diethyl phthalate	149	7.666	7.654	0.012	98	4015054	120.0	119.7	
75 4-Chlorophenyl phenyl ether	204	7.754	7.748	0.006	83	1949261	120.0	119.8	
74 Fluorene	166	7.754	7.748	0.006	94	4066543	120.0	123.9	
76 4-Nitroaniline	138	7.819	7.783	0.036	96	842066	120.0	111.8	
77 4,6-Dinitro-2-methylphenol	198	7.831	7.807	0.024	84	1406590	240.0	238.9	
78 N-Nitrosodiphenylamine	169	7.878	7.866	0.012	90	2743763	120.0	118.6	
79 1,2-Diphenylhydrazine	77	7.913	7.901	0.012	98	4297685	120.0	125.5	
$ 80 2,4,6-Tribromophenol	330	7.989	7.977	0.012	95	733335	120.0	129.4	
81 4-Bromophenyl phenyl ether	248	8.219	8.213	0.006	92	1251807	120.0	119.8	
82 Hexachlorobenzene	284	8.284	8.277	0.007	96	1398711	120.0	122.6	
83 Atrazine	200	8.384	8.377	0.007	91	290511	32.0	31.5	
84 Pentachlorophenol	266	8.472	8.460	0.012	94	1886711	240.0	258.4	
85 Pentachloronitrobenzene	237	8.489	8.477	0.012	89	633317	120.0	121.8	
86 n-Octadecane	57	8.560	8.554	0.006	91	3665772	120.0	119.7	
* 87 Phenanthrene-d10	188	8.642	8.636	0.006	98	1619698	40.0	40.0	
88 Phenanthrene	178	8.672	8.660	0.012	97	5878664	120.0	119.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.719	8.707	0.012	99	6168070	120.0	120.7	
90 Carbazole	167	8.872	8.860	0.012	96	5125968	120.0	121.5	
91 Di-n-butyl phthalate	149	9.213	9.207	0.006	100	6710916	120.0	120.6	
92 Fluoranthene	202	9.801	9.795	0.006	99	6470546	120.0	123.3	
93 Benzidine	184	9.931	9.918	0.013	99	3263850	120.0	130.7	
94 Pyrene	202	10.019	10.007	0.012	98	6506034	120.0	121.8	
95 Bisphenol-A	213	10.072	10.060	0.012	98	3058591	120.0	122.5	
$ 96 Terphenyl-d14	244	10.172	10.165	0.007	100	4985561	120.0	126.3	
97 Butyl benzyl phthalate	149	10.672	10.671	0.001	98	2663730	120.0	118.6	
99 Carbamazepine	193	10.795	10.777	0.018	93	2613961	120.0	124.5	
100 3,3'-Dichlorobenzidine	252	11.260	11.248	0.012	99	2331828	120.0	125.5	
101 Benzo[a]anthracene	228	11.278	11.265	0.013	98	6245732	120.0	121.9	
* 102 Chrysene-d12	240	11.289	11.277	0.012	99	1436829	40.0	40.0	
103 Chrysene	228	11.325	11.312	0.013	99	5830424	120.0	117.8	
104 Bis(2-ethylhexyl) phthalate	149	11.336	11.330	0.006	90	4030149	120.0	122.4	
105 Di-n-octyl phthalate	149	12.166	12.154	0.012	97	6811702	120.0	121.8	
106 Benzo[b]fluoranthene	252	12.654	12.630	0.024	97	6655855	120.0	135.8	
107 Benzo[k]fluoranthene	252	12.689	12.671	0.018	99	5305758	120.0	109.3	
108 Benzo[a]pyrene	252	13.095	13.071	0.024	98	4919534	120.0	119.8	
* 109 Perylene-d12	264	13.166	13.154	0.012	99	1551301	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.730	14.700	0.030	97	5519550	120.0	128.5	M
111 Dibenz(a,h)anthracene	278	14.777	14.742	0.035	97	5000882	120.0	121.3	
112 Benzo[g,h,i]perylene	276	15.171	15.130	0.041	98	4917943	120.0	116.7	
S 119 Total Cresols	1				0			239.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L9_00001 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:52:27 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57321.d

Injection Date: 12-Aug-2020 16:16:30 Instrument ID: CBNAMS11 Operator ID:

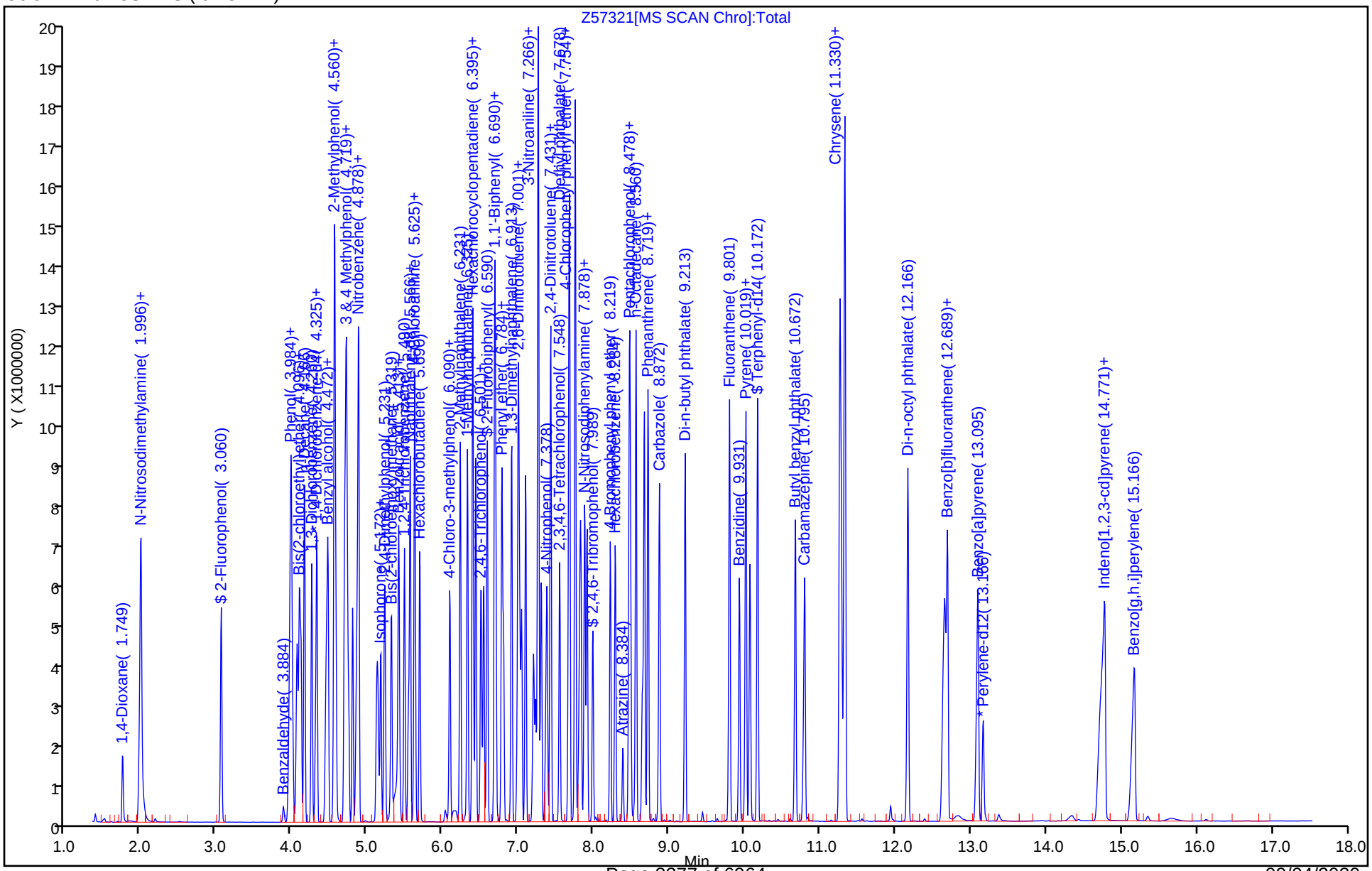
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

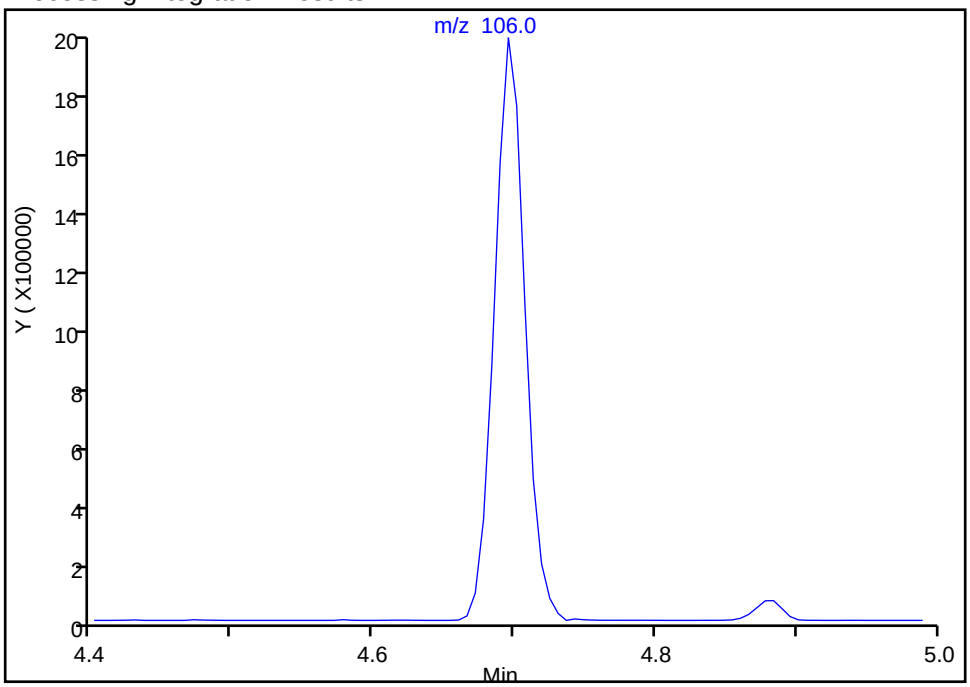
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57321.d				
Injection Date:	12-Aug-2020 16:16:30	Instrument ID:	CBNAMS11		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

20 N-Methylaniline, CAS: 100-61-8

Signal: 1

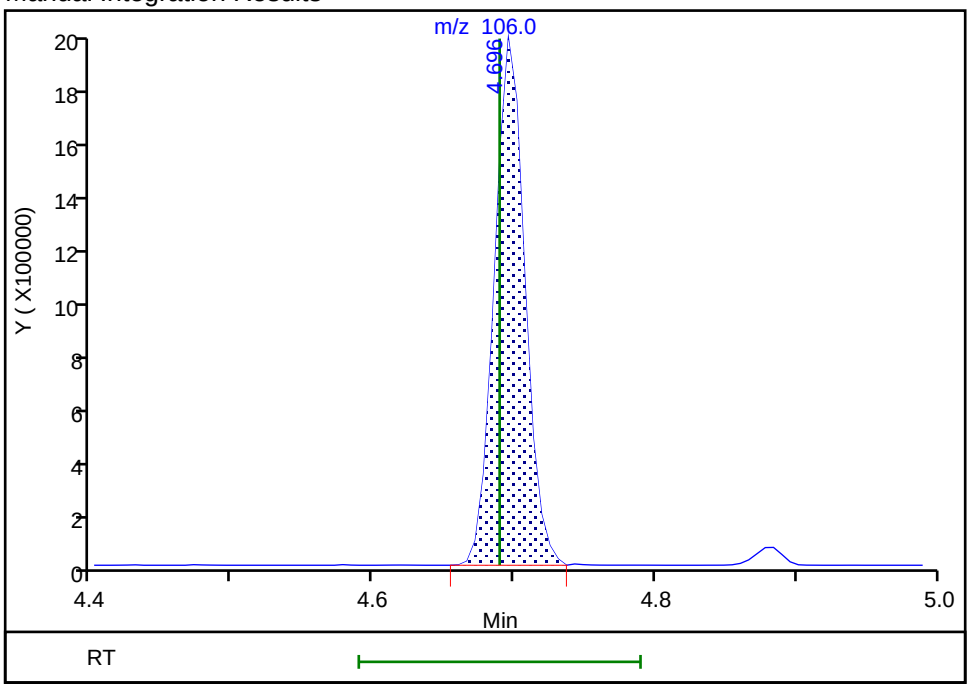
Processing Integration Results

Not Detected
Expected RT: 4.69



Manual Integration Results

RT: 4.70
Area: 2950319
Amount: 123.3571
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:21:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

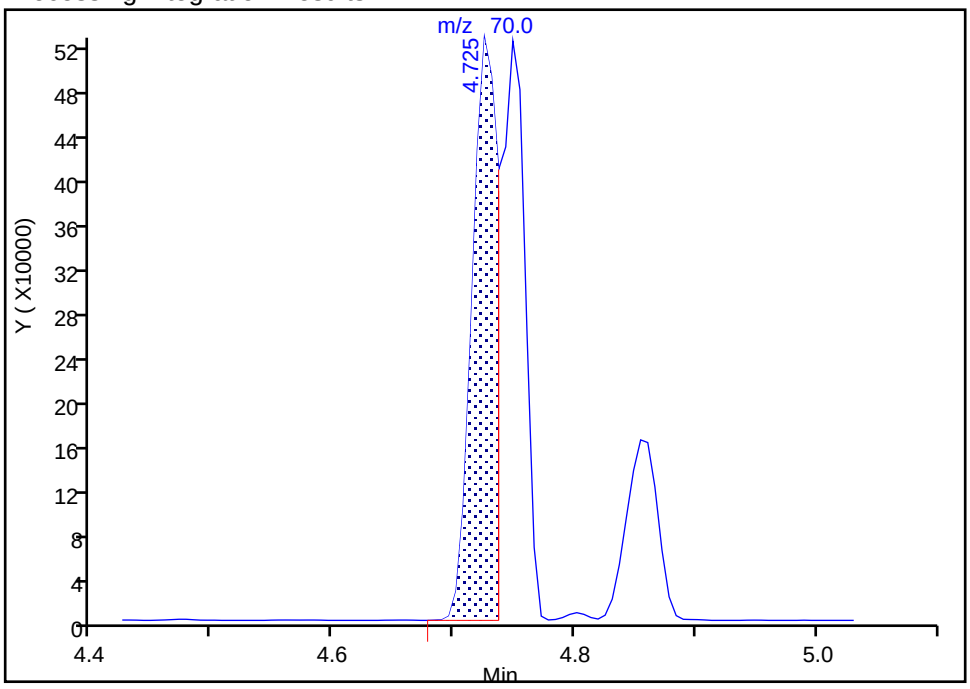
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57321.d				
Injection Date:	12-Aug-2020 16:16:30	Instrument ID:	CBNAMS11		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

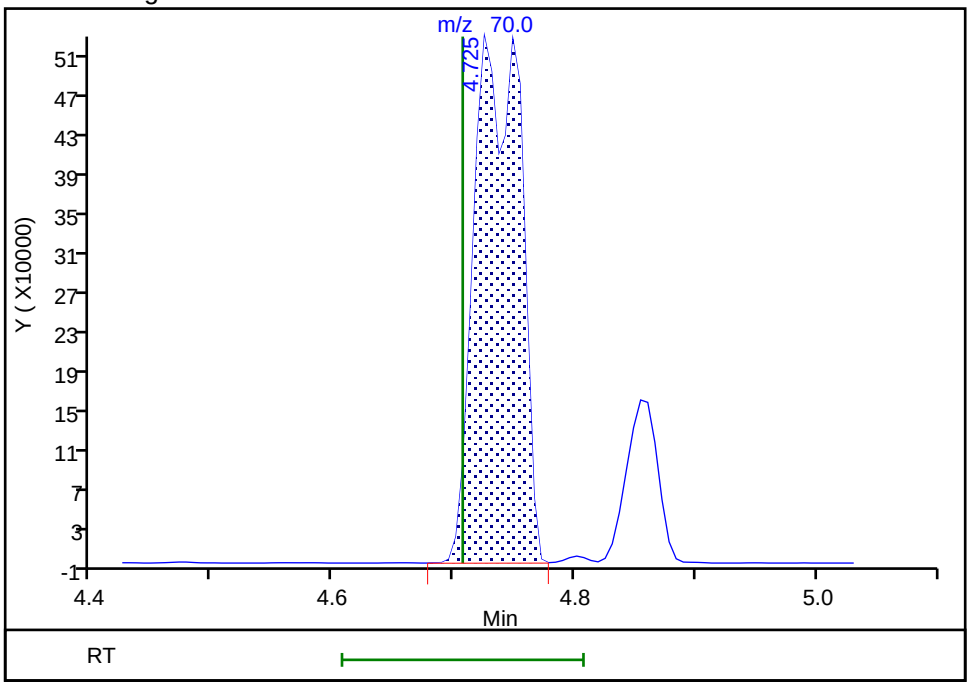
Processing Integration Results

RT: 4.73
Area: 789343
Amount: 120.0000
Amount Units: ug/ml



Manual Integration Results

RT: 4.73
Area: 1411612
Amount: 118.4293
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:23:27

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

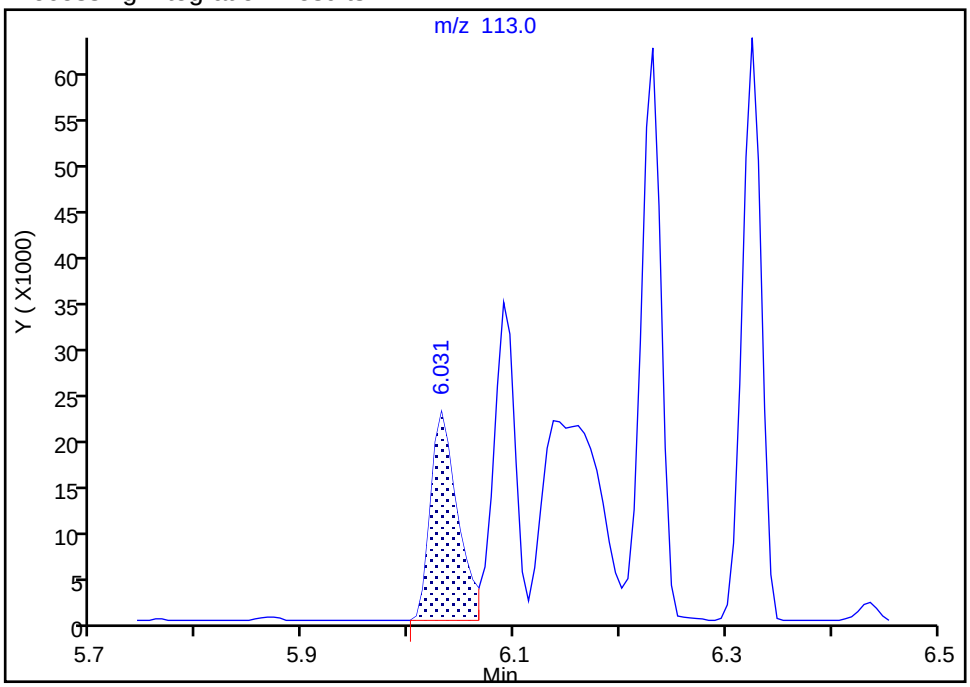
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57321.d				
Injection Date:	12-Aug-2020 16:16:30	Instrument ID:	CBNAMS11		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

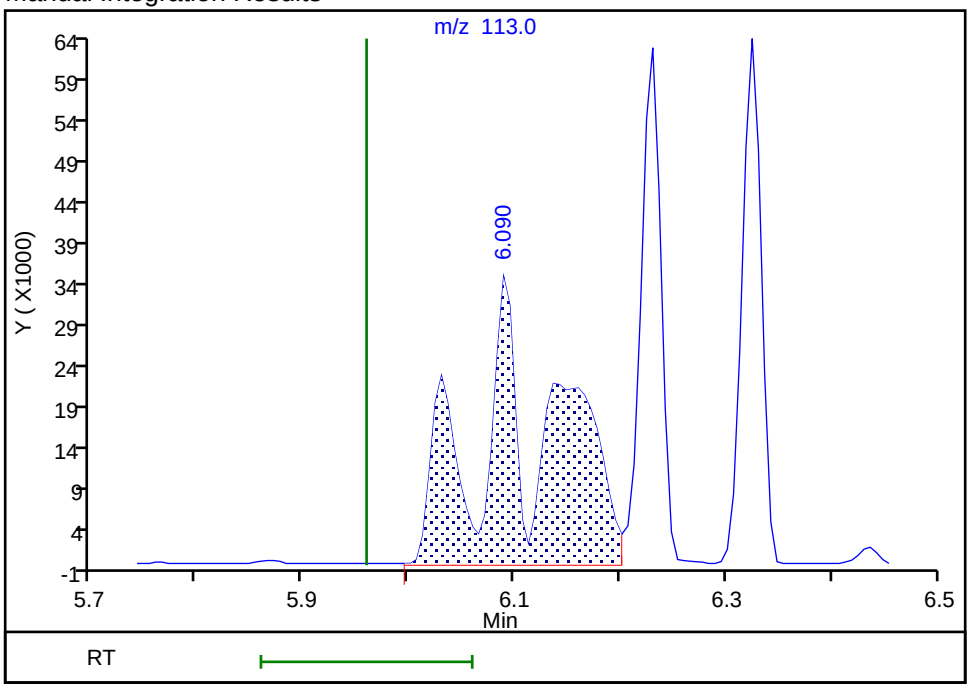
Processing Integration Results

RT: 6.03
Area: 40532
Amount: 32.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.09
Area: 172116
Amount: 45.674752
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:22:23

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

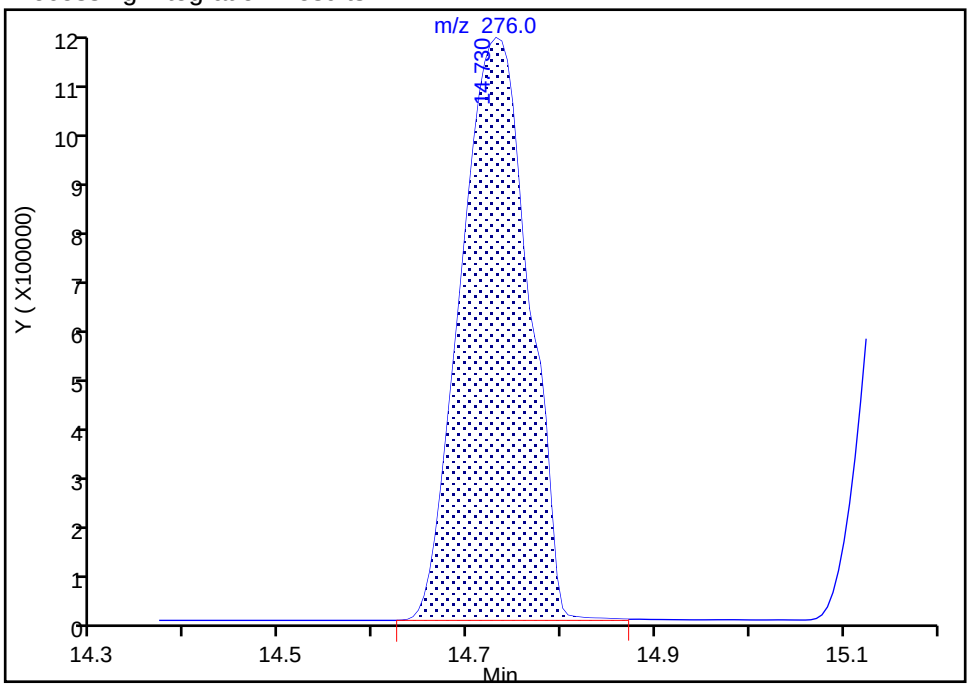
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57321.d				
Injection Date:	12-Aug-2020 16:16:30	Instrument ID:	CBNAMS11		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

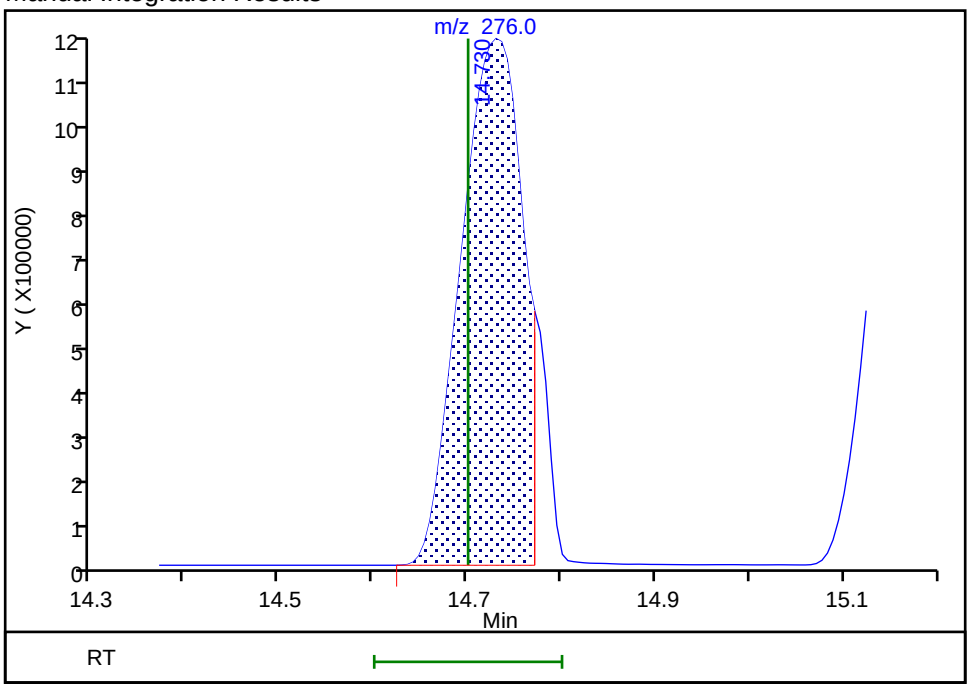
Processing Integration Results

RT: 14.73
Area: 6000382
Amount: 120.0000
Amount Units: ug/ml



Manual Integration Results

RT: 14.73
Area: 5519550
Amount: 128.4877
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:22:56

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57322.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Aug-2020 16:40:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:33 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:24:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.754	1.754	0.000	93	439495	80.0	78.3	
2 N-Nitrosodimethylamine	74	1.972	1.966	0.006	77	673803	80.0	77.4	
3 Pyridine	79	1.996	1.990	0.006	76	2297290	160.0	155.3	
$ 4 2-Fluorophenol	112	3.054	3.054	0.000	88	1135059	80.0	81.8	
5 Benzaldehyde	77	3.884	3.878	0.006	91	113189	24.0	9.13	
$ 6 Phenol-d5	99	3.960	3.948	0.012	98	1494186	80.0	82.4	
7 Phenol	94	3.972	3.966	0.006	92	1595513	80.0	80.8	
8 Aniline	93	3.996	3.989	0.007	93	1862386	80.0	80.2	a
9 Bis(2-chloroethyl)ether	93	4.060	4.054	0.006	91	1172377	80.0	80.6	
11 2-Chlorophenol	128	4.113	4.107	0.006	92	1173121	80.0	79.0	
12 n-Decane	43	4.160	4.160	0.000	92	1759943	80.0	78.5	
13 1,3-Dichlorobenzene	146	4.254	4.254	0.000	94	1332560	80.0	79.5	
* 14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	96	422116	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.325	4.325	0.000	93	1330205	80.0	77.9	
16 Benzyl alcohol	108	4.443	4.436	0.007	89	746166	80.0	79.8	
17 1,2-Dichlorobenzene	146	4.472	4.472	0.000	95	1261666	80.0	78.3	
18 2-Methylphenol	108	4.554	4.548	0.006	87	1013863	80.0	77.9	
19 2,2'-oxybis[1-chloropropane]	45	4.572	4.572	0.000	92	2194556	80.0	77.7	
20 N-Methylaniline	106	4.690	4.689	0.001	97	1859065	80.0	80.0	a
24 4-Methylphenol	108	4.713	4.701	0.012	88	1176665	80.0	77.4	
23 3 & 4 Methylphenol	108	4.713	4.701	0.012	80	1176665	80.0	77.4	
22 Acetophenone	105	4.707	4.701	0.006	93	1731161	80.0	78.8	
21 N-Nitrosodi-n-propylamine	70	4.713	4.707	0.006	89	922119	80.0	79.6	
25 Hexachloroethane	117	4.801	4.801	0.000	92	498677	80.0	80.4	
$ 26 Nitrobenzene-d5	82	4.848	4.842	0.006	93	1384473	80.0	80.8	
27 Nitrobenzene	123	4.872	4.860	0.012	88	576707	80.0	80.7	
28 n,n'-Dimethylaniline	120	4.872	4.866	0.006	95	1814088	80.0	82.2	
31 Isophorone	82	5.113	5.095	0.018	98	2299012	80.0	79.1	
32 2-Nitrophenol	139	5.172	5.166	0.006	81	614383	80.0	78.4	
33 2,4-Dimethylphenol	122	5.219	5.213	0.006	88	997778	80.0	78.9	
34 Bis(2-chloroethoxy)methane	93	5.307	5.307	0.000	95	1448313	80.0	79.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.384	5.354	0.030	92	742271	80.0	90.3	
36 2,4-Dichlorophenol	162	5.407	5.401	0.006	94	1006917	80.0	79.8	
37 1,2,4-Trichlorobenzene	180	5.490	5.483	0.007	94	1129240	80.0	79.7	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	99	1597498	40.0	40.0	
39 Naphthalene	128	5.560	5.560	0.000	99	3452436	80.0	80.5	
40 4-Chloroaniline	127	5.619	5.613	0.006	95	1415099	80.0	79.6	
133 2,6-Dichlorophenol	162	5.625	5.619	0.006	94	993356	NC	NC	
41 Hexachlorobutadiene	225	5.690	5.689	0.001	96	750973	80.0	81.1	
42 Caprolactam	113	6.089	5.960	0.129	83	121124	24.0	33.4	M
43 4-Chloro-3-methylphenol	107	6.089	6.083	0.006	97	1012120	80.0	80.1	
44 2-Methylnaphthalene	142	6.225	6.225	0.000	83	2244867	80.0	80.5	
45 1-Methylnaphthalene	142	6.325	6.319	0.006	92	2103083	80.0	80.3	
46 Hexachlorocyclopentadiene	237	6.389	6.389	0.000	97	959140	80.0	81.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.395	6.389	0.006	97	1217030	80.0	78.8	
48 2-tertbutyl-4-methylphenol	149	6.431	6.425	0.006	90	1552494	80.0	81.9	
49 2,4,6-Trichlorophenol	196	6.501	6.495	0.006	90	829903	80.0	80.6	
50 2,4,5-Trichlorophenol	196	6.537	6.530	0.007	97	853390	80.0	76.2	
$ 51 2-Fluorobiphenyl	172	6.584	6.577	0.007	97	2673942	80.0	81.5	
52 1,1'-Biphenyl	154	6.678	6.677	0.001	97	2829741	80.0	79.2	
53 2-Chloronaphthalene	162	6.695	6.689	0.006	99	2205393	80.0	78.5	
54 Phenyl ether	170	6.778	6.777	0.001	90	1492485	80.0	79.8	
55 2-Nitroaniline	65	6.795	6.789	0.006	95	927639	80.0	77.9	
57 1,3-Dimethylnaphthalene	156	6.907	6.901	0.006	91	1660584	80.0	80.0	
58 Dimethyl phthalate	163	6.989	6.977	0.012	98	2563778	80.0	78.6	
59 Coumarin	146	6.995	6.989	0.006	79	799744	80.0	79.5	
60 2,6-Dinitrotoluene	165	7.036	7.025	0.011	93	561767	80.0	80.0	
63 Acenaphthylene	152	7.089	7.089	0.000	97	3335658	80.0	79.1	
64 3-Nitroaniline	65	7.189	7.183	0.006	89	911467	80.0	76.9	
* 65 Acenaphthene-d10	164	7.225	7.225	0.001	94	876859	40.0	40.0	
67 Acenaphthene	154	7.260	7.254	0.006	95	2177566	80.0	76.3	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.260	7.254	0.006	97	2388896	80.0	82.1	
68 2,4-Dinitrophenol	184	7.295	7.283	0.012	92	742240	160.0	161.6	
69 4-Nitrophenol	65	7.366	7.354	0.012	97	1161320	160.0	163.9	
70 2,4-Dinitrotoluene	165	7.419	7.407	0.012	92	753399	80.0	80.6	
71 Dibenzofuran	168	7.425	7.419	0.006	95	3113904	80.0	79.5	
72 2,3,4,6-Tetrachlorophenol	232	7.542	7.536	0.006	96	743413	80.0	79.8	
73 Diethyl phthalate	149	7.660	7.654	0.006	98	2558196	80.0	77.7	
75 4-Chlorophenyl phenyl ether	204	7.748	7.748	0.000	78	1263044	80.0	79.0	
74 Fluorene	166	7.748	7.748	0.000	93	2594440	80.0	80.5	
76 4-Nitroaniline	138	7.795	7.783	0.012	95	581372	80.0	78.6	
77 4,6-Dinitro-2-methylphenol	198	7.813	7.807	0.006	88	897193	160.0	160.2	
78 N-Nitrosodiphenylamine	169	7.872	7.866	0.006	90	1754658	80.0	79.4	
79 1,2-Diphenylhydrazine	77	7.907	7.901	0.006	98	2629747	80.0	80.5	
$ 80 2,4,6-Tribromophenol	330	7.983	7.977	0.006	95	466575	80.0	83.9	
81 4-Bromophenyl phenyl ether	248	8.219	8.213	0.006	92	811231	80.0	81.4	
82 Hexachlorobenzene	284	8.283	8.277	0.006	96	880867	80.0	80.9	
83 Atrazine	200	8.378	8.377	0.001	91	218953	24.0	24.9	
84 Pentachlorophenol	266	8.466	8.460	0.006	94	1201625	160.0	172.4	
85 Pentachloronitrobenzene	237	8.483	8.477	0.006	90	398107	80.0	80.2	
86 n-Octadecane	57	8.560	8.554	0.006	90	2358018	80.0	80.7	
* 87 Phenanthrene-d10	188	8.642	8.636	0.006	98	1545791	40.0	40.0	
88 Phenanthrene	178	8.666	8.660	0.006	97	3744448	80.0	80.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.713	8.707	0.006	99	3946185	80.0	80.9	
90 Carbazole	167	8.866	8.860	0.006	96	3265463	80.0	81.1	
91 Di-n-butyl phthalate	149	9.207	9.207	0.000	100	4298465	80.0	80.9	a
92 Fluoranthene	202	9.795	9.795	0.000	98	4092545	80.0	81.7	
93 Benzidine	184	9.925	9.918	0.007	99	1983329	80.0	83.2	
94 Pyrene	202	10.013	10.007	0.006	98	4100156	80.0	78.2	
95 Bisphenol-A	213	10.066	10.060	0.006	98	1970402	80.0	80.4	
$ 96 Terphenyl-d14	244	10.166	10.165	0.001	100	3164167	80.0	81.7	
97 Butyl benzyl phthalate	149	10.672	10.671	0.001	98	1721240	80.0	78.1	
99 Carbamazepine	193	10.789	10.777	0.012	93	1696891	80.0	82.3	
100 3,3'-Dichlorobenzidine	252	11.254	11.248	0.006	98	1499066	80.0	82.2	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	98	3987318	80.0	79.2	
* 102 Chrysene-d12	240	11.283	11.277	0.006	99	1410994	40.0	40.0	
103 Chrysene	228	11.319	11.312	0.007	99	3883045	80.0	79.9	
104 Bis(2-ethylhexyl) phthalate	149	11.330	11.330	0.000	90	2547886	80.0	78.8	
105 Di-n-octyl phthalate	149	12.160	12.154	0.006	97	4317565	80.0	81.2	
106 Benzo[b]fluoranthene	252	12.636	12.630	0.006	98	3995910	80.0	85.8	
107 Benzo[k]fluoranthene	252	12.677	12.671	0.006	98	3706715	80.0	80.3	
108 Benzo[a]pyrene	252	13.083	13.071	0.012	98	3230867	80.0	82.8	
* 109 Perylene-d12	264	13.160	13.154	0.006	99	1474440	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.712	14.700	0.012	98	3443979	80.0	84.4	
111 Dibenz(a,h)anthracene	278	14.760	14.742	0.018	97	3298554	80.0	84.2	
112 Benzo[g,h,i]perylene	276	15.154	15.130	0.024	97	3215529	80.0	80.3	
S 119 Total Cresols	1				0			155.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L8_00001 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:52:34 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57322.d

Injection Date: 12-Aug-2020 16:40:30 Instrument ID: CBNAMS11 Operator ID:

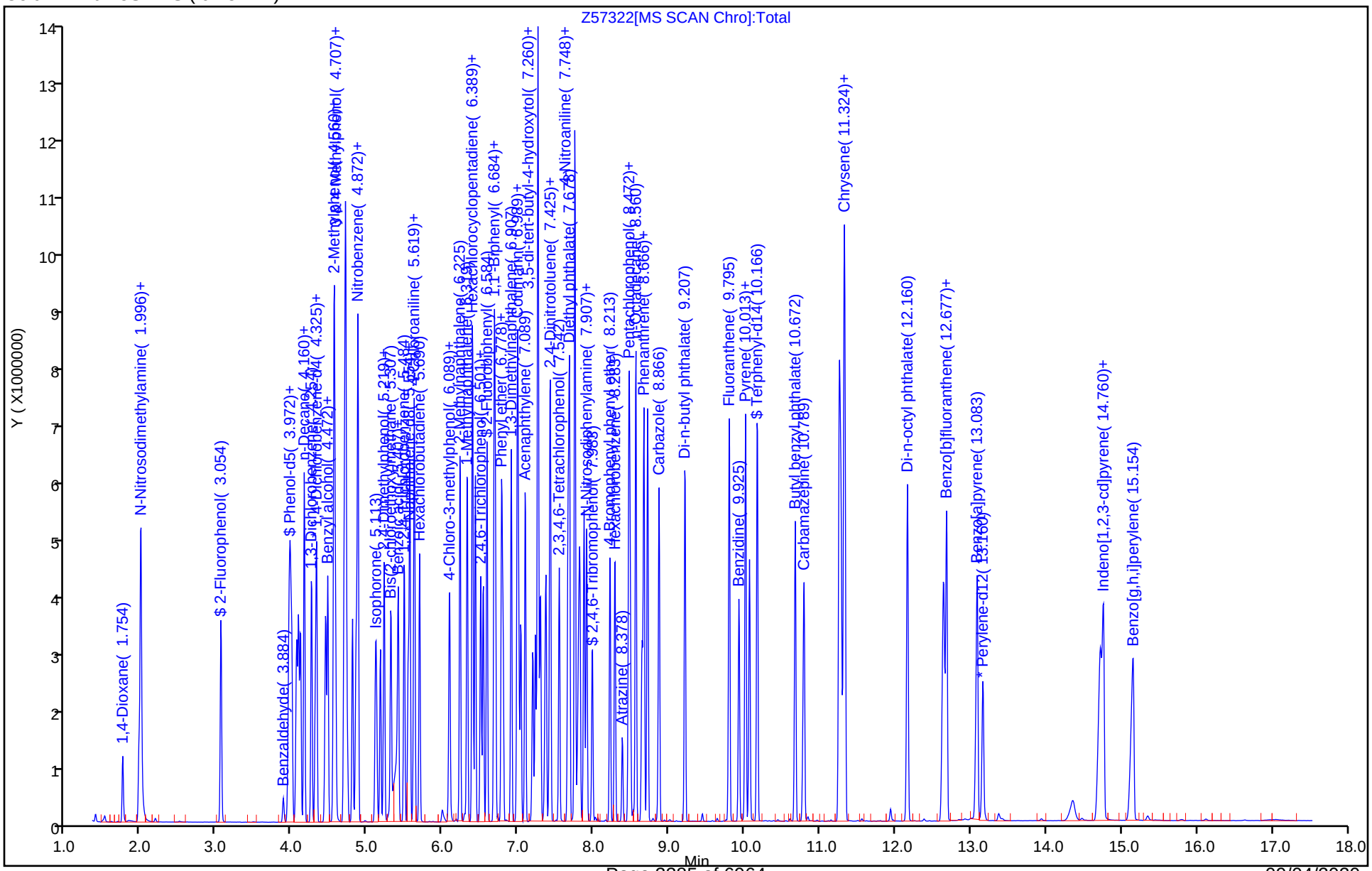
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

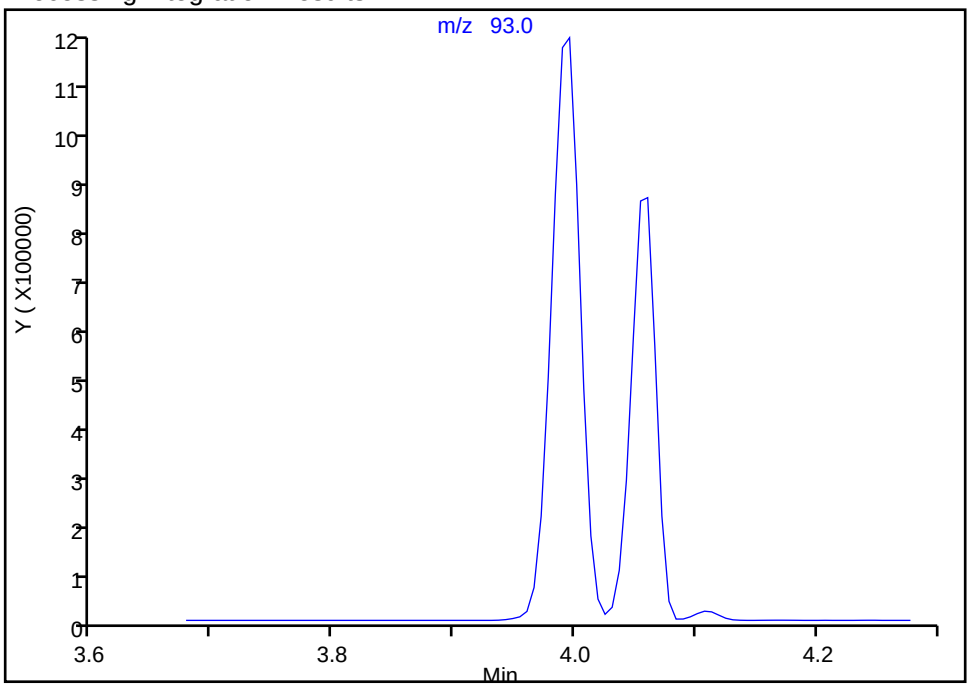
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57322.d				
Injection Date:	12-Aug-2020 16:40:30	Instrument ID:	CBNAMS11		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

8 Aniline, CAS: 62-53-3

Signal: 1

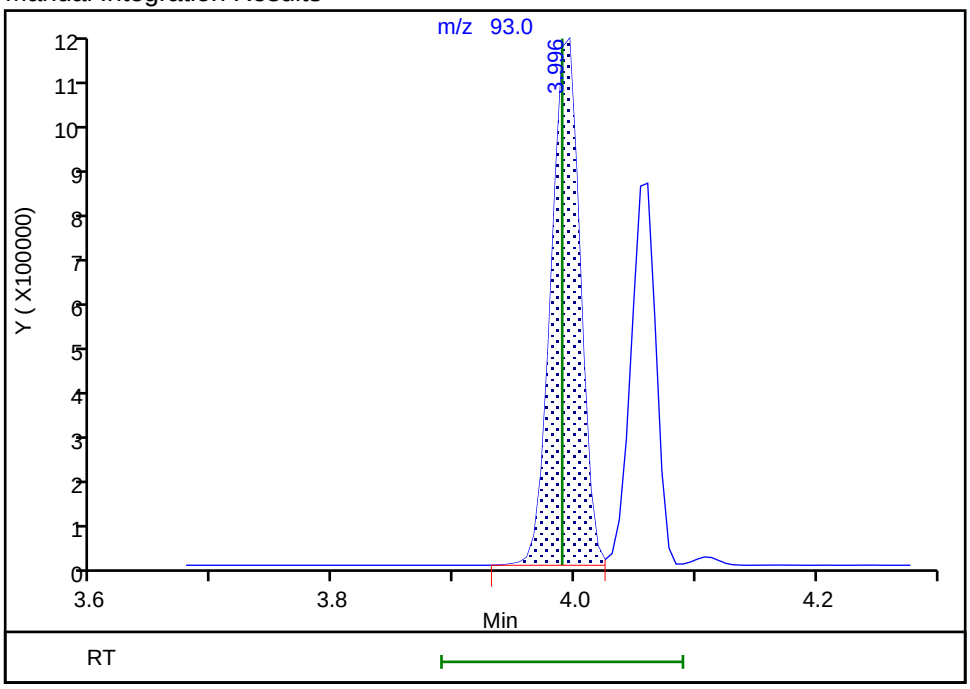
Not Detected
Expected RT: 3.99

Processing Integration Results



Manual Integration Results

RT: 4.00
Area: 1862386
Amount: 80.171267
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:23:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

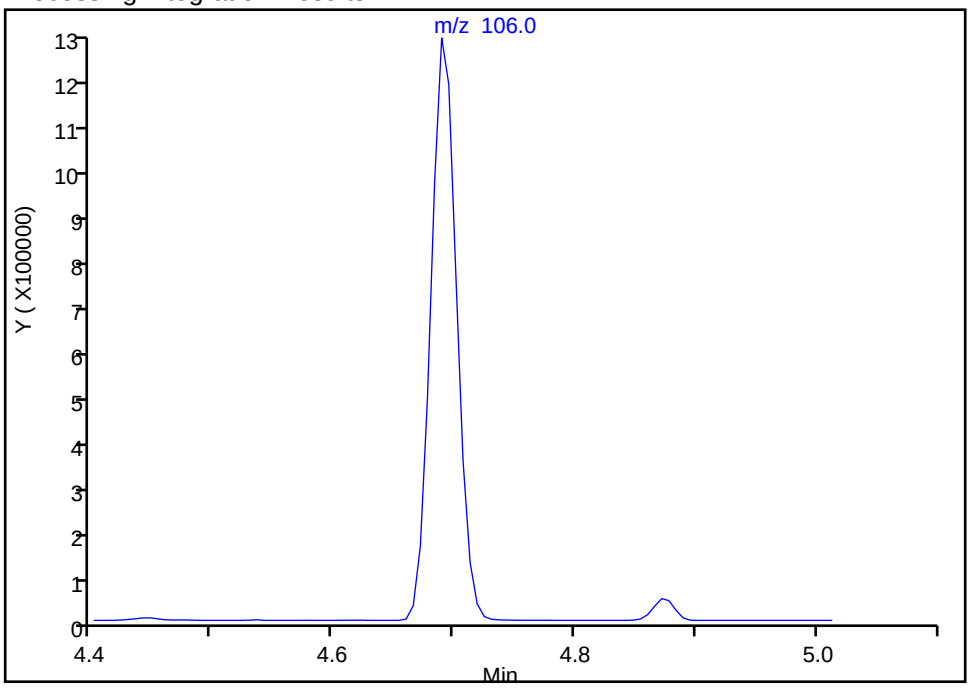
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57322.d
Injection Date: 12-Aug-2020 16:40:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

20 N-Methylaniline, CAS: 100-61-8

Signal: 1

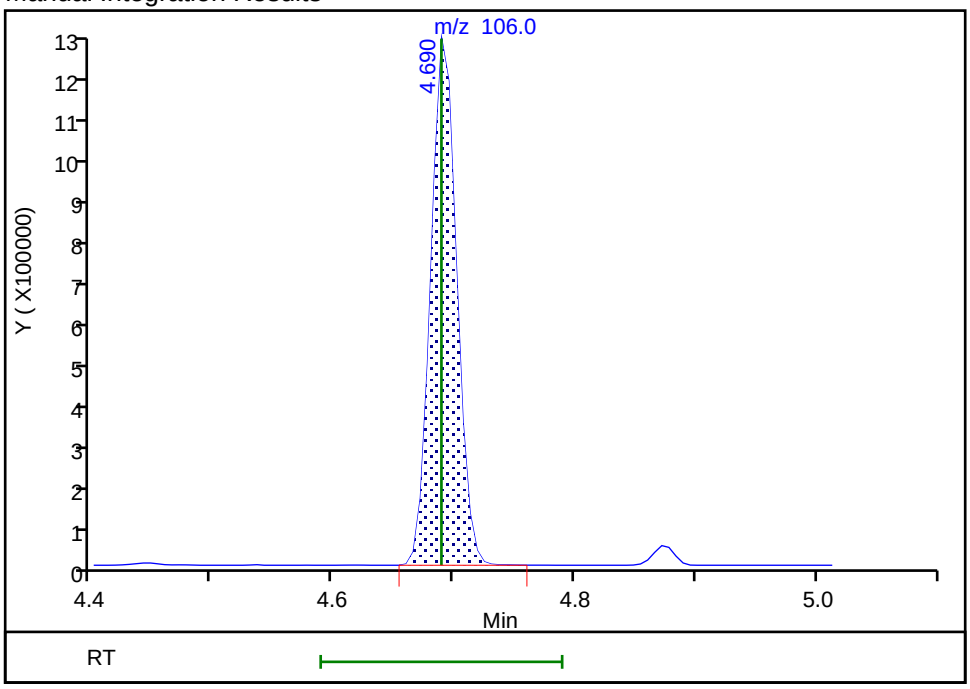
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 1859065
Amount: 79.983377
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:23:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

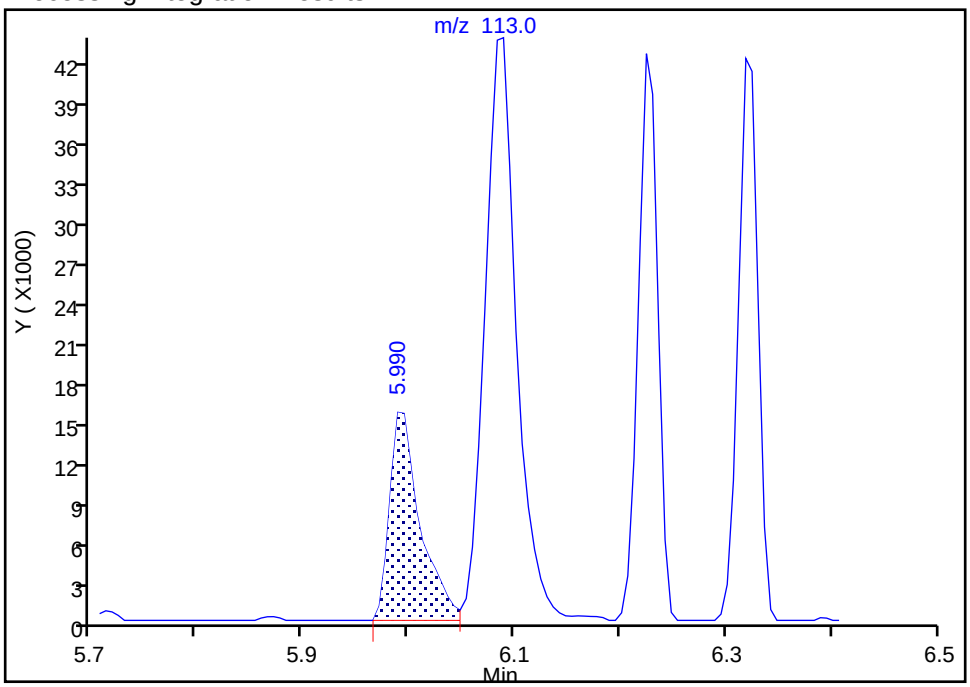
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57322.d
Injection Date: 12-Aug-2020 16:40:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

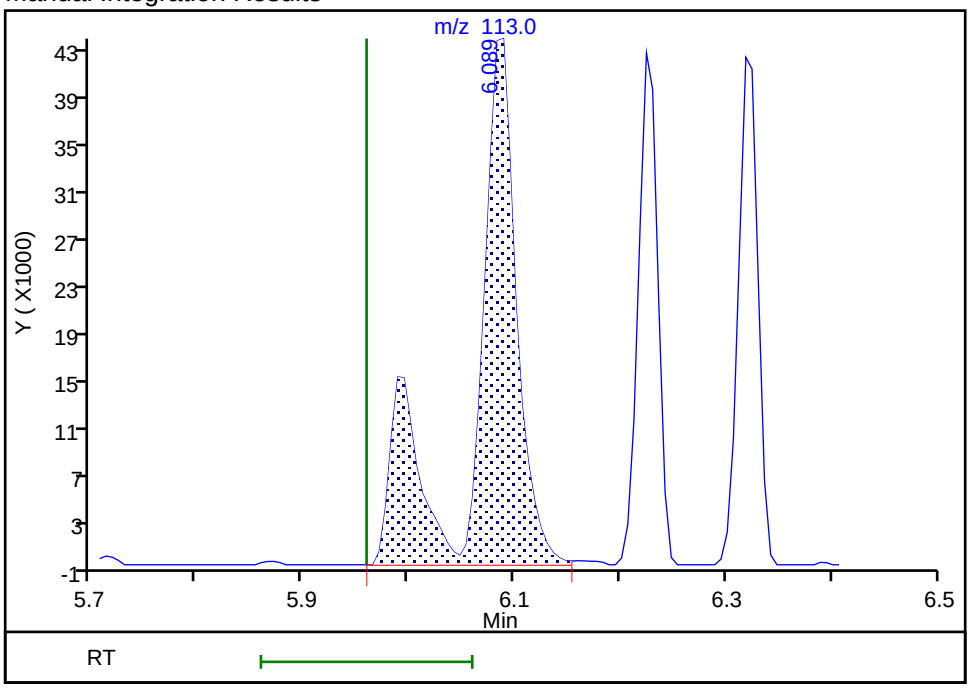
Processing Integration Results

RT: 5.99
Area: 31145
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.09
Area: 121124
Amount: 33.404943
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:24:10
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

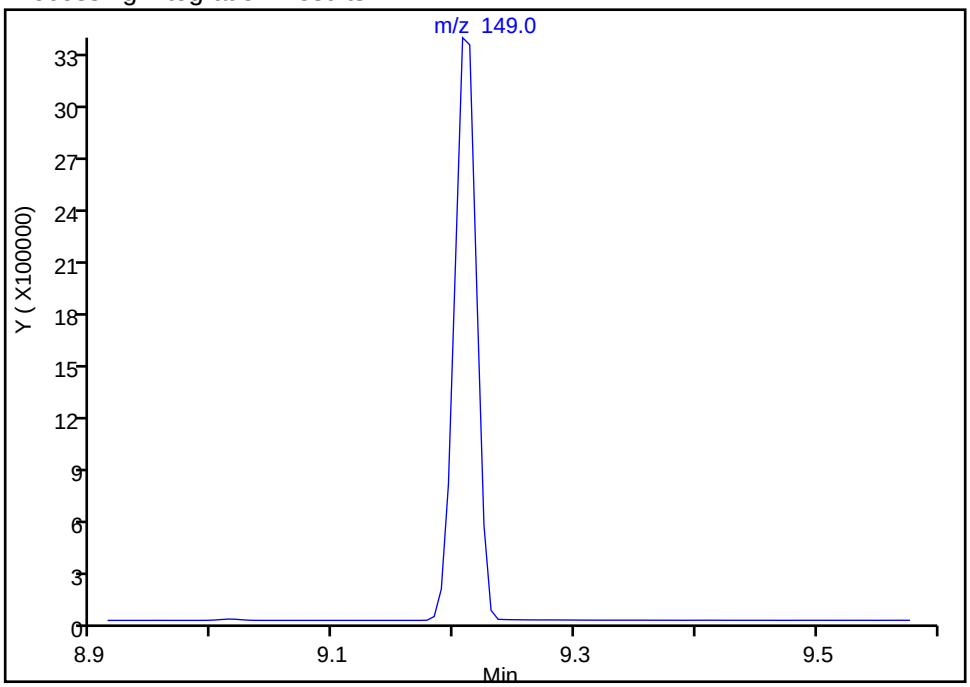
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57322.d
Injection Date: 12-Aug-2020 16:40:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

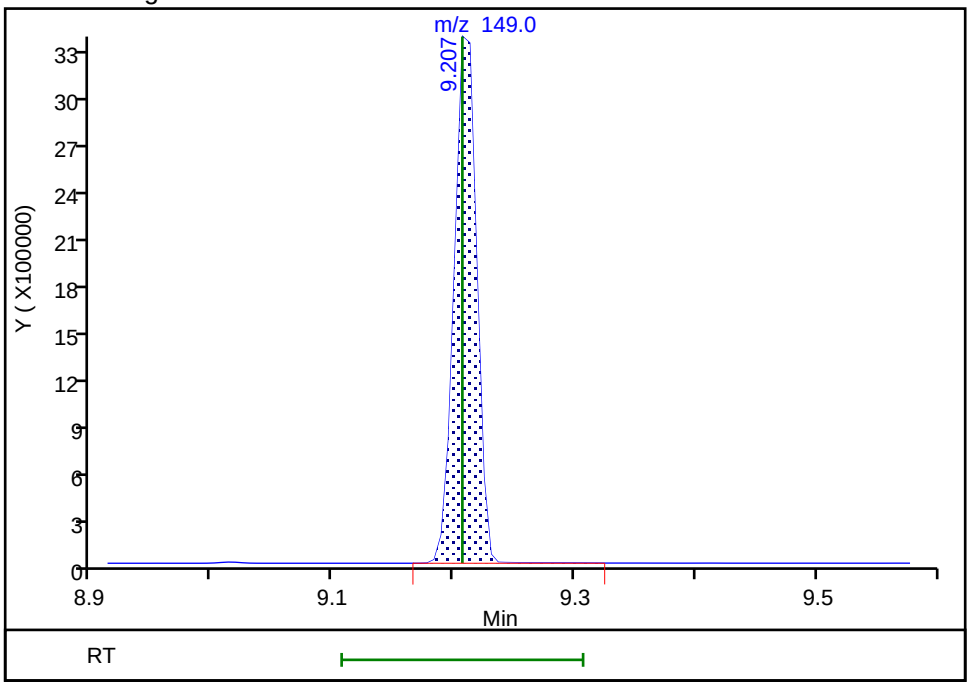
Not Detected
Expected RT: 9.21

Processing Integration Results



Manual Integration Results

RT: 9.21
Area: 4298465
Amount: 80.909180
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:24:16
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57323.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-Aug-2020 17:03:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:40 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:26:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.755	1.754	0.001	92	116121	20.0	20.4	
	2 N-Nitrosodimethylamine	74	1.960	1.966	-0.006	76	176875	20.0	20.0	
	3 Pyridine	79	1.990	1.990	0.000	76	601263	40.0	40.0	
$	4 2-Fluorophenol	112	3.049	3.054	-0.005	88	268509	20.0	19.0	
	5 Benzaldehyde	77	3.878	3.878	0.000	92	185344	16.0	14.7	
$	6 Phenol-d5	99	3.943	3.948	-0.005	97	352698	20.0	19.1	
	7 Phenol	94	3.954	3.966	-0.012	98	386954	20.0	19.3	
	8 Aniline	93	3.984	3.989	-0.005	99	451865	20.0	19.1	
	9 Bis(2-chloroethyl)ether	93	4.043	4.054	-0.011	94	296081	20.0	20.0	
	11 2-Chlorophenol	128	4.102	4.107	-0.005	91	300257	20.0	19.9	
	12 n-Decane	43	4.154	4.160	-0.006	93	449749	20.0	19.8	
	13 1,3-Dichlorobenzene	146	4.254	4.254	0.000	95	341388	20.0	20.0	
*	14 1,4-Dichlorobenzene-d4	152	4.302	4.307	-0.005	97	428813	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.319	4.325	-0.006	93	345257	20.0	19.9	
	16 Benzyl alcohol	108	4.431	4.436	-0.005	89	187429	20.0	19.7	
	17 1,2-Dichlorobenzene	146	4.466	4.472	-0.006	95	326720	20.0	20.0	
	18 2-Methylphenol	108	4.543	4.548	-0.005	90	260075	20.0	19.7	
	19 2,2'-oxybis[1-chloropropane]	45	4.566	4.572	-0.006	93	566513	20.0	19.8	
	20 N-Methylaniline	106	4.684	4.689	-0.005	93	459385	20.0	19.5	
	24 4-Methylphenol	108	4.696	4.701	-0.005	73	308791	20.0	20.0	
	23 3 & 4 Methylphenol	108	4.696	4.701	-0.005	93	308791	20.0	20.0	
	22 Acetophenone	105	4.690	4.701	-0.011	88	430523	20.0	19.3	
	21 N-Nitrosodi-n-propylamine	70	4.696	4.707	-0.011	95	230083	20.0	19.6	
	25 Hexachloroethane	117	4.796	4.801	-0.005	91	127106	20.0	20.2	
$	26 Nitrobenzene-d5	82	4.837	4.842	-0.005	93	334161	20.0	19.3	
	27 Nitrobenzene	123	4.854	4.860	-0.006	91	148553	20.0	20.5	
	28 n,n'-Dimethylaniline	120	4.860	4.866	-0.006	93	449661	20.0	20.1	a
	31 Isophorone	82	5.084	5.095	-0.011	98	587319	20.0	20.0	
	32 2-Nitrophenol	139	5.166	5.166	0.000	84	158737	20.0	20.0	
	33 2,4-Dimethylphenol	122	5.207	5.213	-0.006	88	256471	20.0	20.1	
	34 Bis(2-chloroethoxy)methane	93	5.301	5.307	-0.006	95	362715	20.0	19.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.301	5.354	-0.053	40	166751	20.0	20.1	
36 2,4-Dichlorophenol	162	5.396	5.401	-0.005	94	255498	20.0	20.0	
37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	94	295167	20.0	20.6	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	99	1615206	40.0	40.0	
39 Naphthalene	128	5.554	5.560	-0.006	98	859068	20.0	19.8	
40 4-Chloroaniline	127	5.607	5.613	-0.006	96	346235	20.0	19.3	
133 2,6-Dichlorophenol	162	5.613	5.619	-0.006	94	256827	NC	NC	
41 Hexachlorobutadiene	225	5.684	5.689	-0.005	96	186648	20.0	19.9	
42 Caprolactam	113	5.931	5.960	-0.029	86	61176	16.0	16.7	M
43 4-Chloro-3-methylphenol	107	6.078	6.083	-0.005	96	251233	20.0	19.7	
44 2-Methylnaphthalene	142	6.219	6.225	-0.006	84	555602	20.0	19.7	
45 1-Methylnaphthalene	142	6.313	6.319	-0.006	92	514487	20.0	19.4	
46 Hexachlorocyclopentadiene	237	6.384	6.389	-0.005	98	220978	20.0	19.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.390	6.389	0.001	98	301342	20.0	19.6	
48 2-tertbutyl-4-methylphenol	149	6.419	6.425	-0.006	90	379313	20.0	19.8	
49 2,4,6-Trichlorophenol	196	6.495	6.495	0.000	90	209991	20.0	20.5	
50 2,4,5-Trichlorophenol	196	6.525	6.530	-0.005	97	214697	20.0	19.3	
$ 51 2-Fluorobiphenyl	172	6.578	6.577	0.001	97	615398	20.0	18.9	
52 1,1'-Biphenyl	154	6.672	6.677	-0.005	96	691599	20.0	19.5	
53 2-Chloronaphthalene	162	6.690	6.689	0.001	99	555740	20.0	19.9	
54 Phenyl ether	170	6.772	6.777	-0.005	91	365580	20.0	19.7	
55 2-Nitroaniline	65	6.784	6.789	-0.005	94	235767	20.0	19.9	
57 1,3-Dimethylnaphthalene	156	6.901	6.901	0.000	90	401085	20.0	19.4	
58 Dimethyl phthalate	163	6.966	6.977	-0.011	98	642773	20.0	19.8	
59 Coumarin	146	6.978	6.989	-0.011	79	203195	20.0	20.0	
60 2,6-Dinitrotoluene	165	7.019	7.025	-0.006	93	144060	20.0	20.6	
63 Acenaphthylene	152	7.084	7.089	-0.005	97	828813	20.0	19.8	
64 3-Nitroaniline	65	7.178	7.183	-0.005	90	230174	20.0	19.5	
* 65 Acenaphthene-d10	164	7.219	7.225	-0.005	96	871796	40.0	40.0	
67 Acenaphthene	154	7.254	7.254	0.000	94	591082	20.0	20.8	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.248	7.254	-0.006	97	574379	20.0	19.8	
68 2,4-Dinitrophenol	184	7.272	7.283	-0.011	93	174462	40.0	40.2	a
69 4-Nitrophenol	65	7.342	7.354	-0.012	96	275723	40.0	39.1	
70 2,4-Dinitrotoluene	165	7.401	7.407	-0.006	92	191712	20.0	20.6	
71 Dibenzofuran	168	7.413	7.419	-0.006	95	759776	20.0	19.5	
72 2,3,4,6-Tetrachlorophenol	232	7.537	7.536	0.001	95	184787	20.0	19.9	
73 Diethyl phthalate	149	7.648	7.654	-0.006	98	653469	20.0	20.0	
75 4-Chlorophenyl phenyl ether	204	7.742	7.748	-0.006	88	316832	20.0	19.9	
74 Fluorene	166	7.742	7.748	-0.006	94	610718	20.0	19.1	
76 4-Nitroaniline	138	7.760	7.783	-0.023	95	148499	20.0	20.2	
77 4,6-Dinitro-2-methylphenol	198	7.790	7.807	-0.017	83	221743	40.0	40.0	
78 N-Nitrosodiphenylamine	169	7.860	7.866	-0.006	91	436362	20.0	19.4	
79 1,2-Diphenylhydrazine	77	7.895	7.901	-0.006	98	643990	20.0	19.3	
$ 80 2,4,6-Tribromophenol	330	7.972	7.977	-0.005	95	110967	20.0	20.1	
81 4-Bromophenyl phenyl ether	248	8.207	8.213	-0.006	90	204418	20.0	20.1	
82 Hexachlorobenzene	284	8.272	8.277	-0.005	96	215839	20.0	19.4	
83 Atrazine	200	8.372	8.377	-0.005	90	145000	16.0	16.1	
84 Pentachlorophenol	266	8.460	8.460	0.000	93	289513	40.0	40.8	
85 Pentachloronitrobenzene	237	8.478	8.477	0.001	90	98621	20.0	19.5	
86 n-Octadecane	57	8.554	8.554	0.000	90	585007	20.0	19.6	
* 87 Phenanthrene-d10	188	8.637	8.636	0.000	99	1575638	40.0	40.0	
88 Phenanthrene	178	8.660	8.660	0.000	97	935890	20.0	19.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.707	8.707	0.000	99	968030	20.0	19.5	
90 Carbazole	167	8.860	8.860	0.000	96	796275	20.0	19.4	
91 Di-n-butyl phthalate	149	9.207	9.207	0.000	100	1046835	20.0	19.3	a
92 Fluoranthene	202	9.789	9.795	-0.006	98	980001	20.0	19.2	
93 Benzidine	184	9.919	9.918	0.001	99	443436	20.0	18.3	
94 Pyrene	202	10.007	10.007	0.000	98	1001422	20.0	19.7	
95 Bisphenol-A	213	10.060	10.060	0.000	98	459086	20.0	19.3	
$ 96 Terphenyl-d14	244	10.166	10.165	0.001	100	705781	20.0	18.8	
97 Butyl benzyl phthalate	149	10.666	10.671	-0.005	98	433387	20.0	20.2	
99 Carbamazepine	193	10.772	10.777	-0.005	93	400377	20.0	20.0	
100 3,3'-Dichlorobenzidine	252	11.242	11.248	-0.006	99	355708	20.0	20.1	
101 Benzo[a]anthracene	228	11.260	11.265	-0.005	98	947501	20.0	19.4	
* 102 Chrysene-d12	240	11.278	11.277	0.001	99	1369665	40.0	40.0	
103 Chrysene	228	11.307	11.312	-0.005	99	929138	20.0	19.7	
104 Bis(2-ethylhexyl) phthalate	149	11.330	11.330	0.000	89	610235	20.0	19.4	
105 Di-n-octyl phthalate	149	12.154	12.154	0.000	97	1036942	20.0	19.7	
106 Benzo[b]fluoranthene	252	12.624	12.630	-0.006	98	948054	20.0	20.6	
107 Benzo[k]fluoranthene	252	12.660	12.671	-0.011	98	920662	20.0	20.2	
108 Benzo[a]pyrene	252	13.066	13.071	-0.005	98	791932	20.0	20.5	
* 109 Perylene-d12	264	13.154	13.154	0.000	100	1458015	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.689	14.700	-0.011	98	821306	20.0	20.3	
111 Dibenz(a,h)anthracene	278	14.730	14.742	-0.012	98	798132	20.0	20.6	
112 Benzo[g,h,i]perylene	276	15.113	15.130	-0.017	97	790114	20.0	19.9	
S 119 Total Cresols	1				0			39.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L6_00001 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:52:41 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57323.d

Injection Date: 12-Aug-2020 17:03:30 Instrument ID: CBNAMS11 Operator ID:

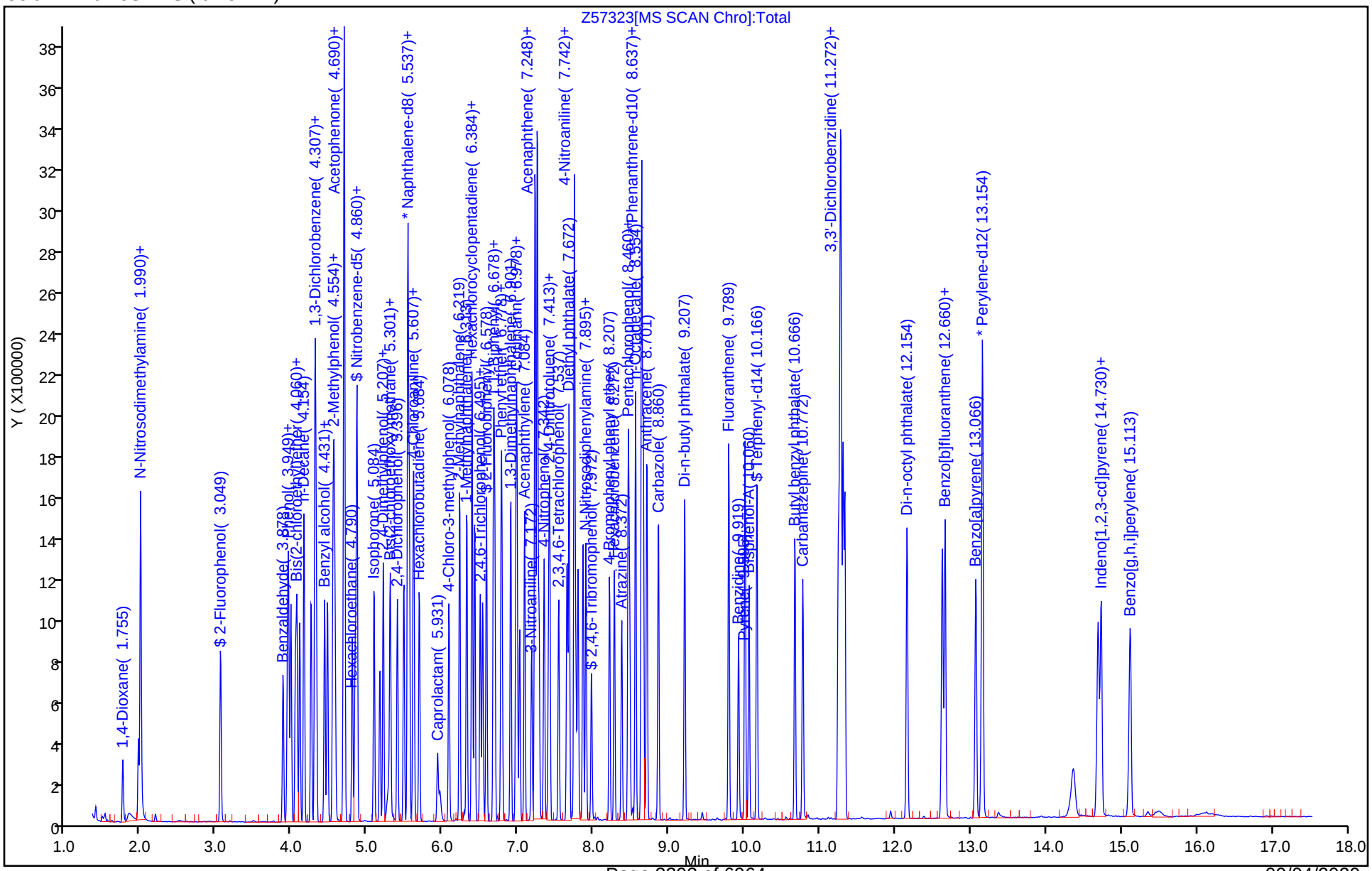
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

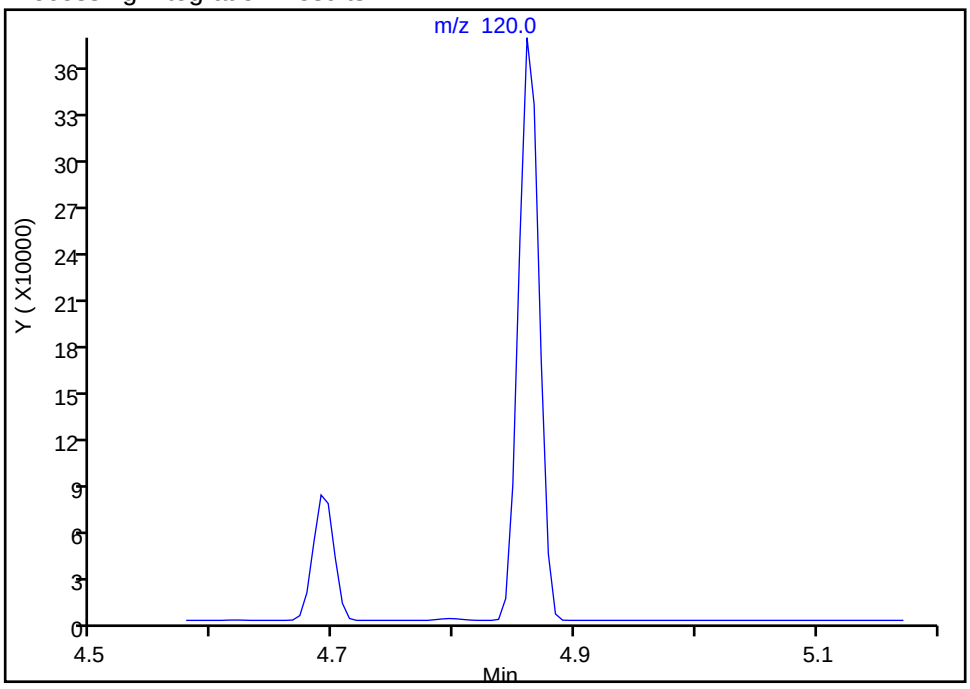
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57323.d				
Injection Date:	12-Aug-2020 17:03:30	Instrument ID:	CBNAMS11		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

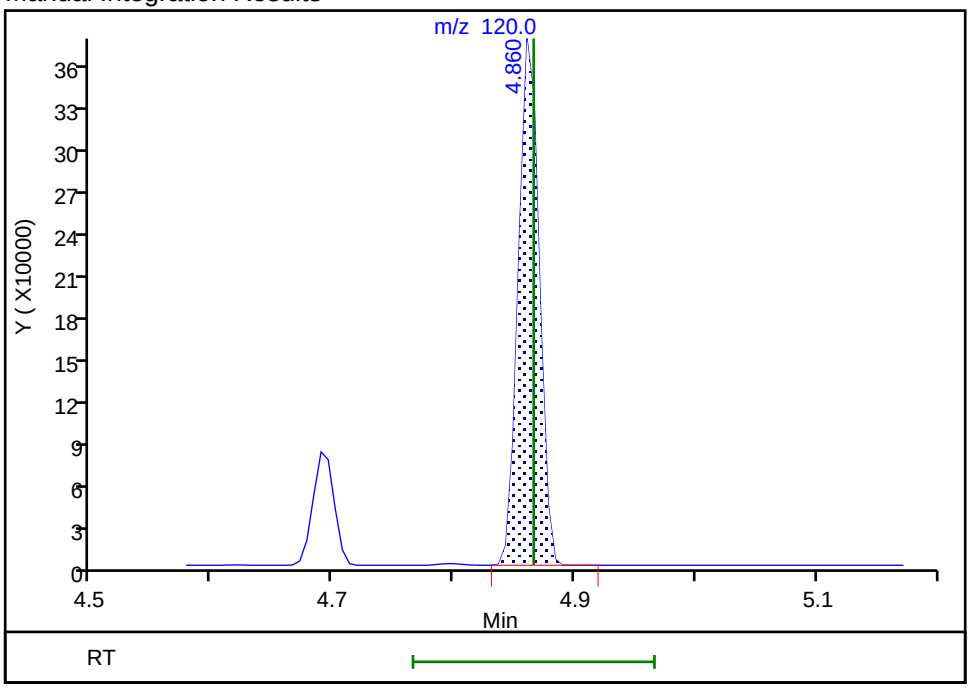
Processing Integration Results

Not Detected
Expected RT: 4.87



Manual Integration Results

RT: 4.86
Area: 449661
Amount: 20.051647
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:26:24
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

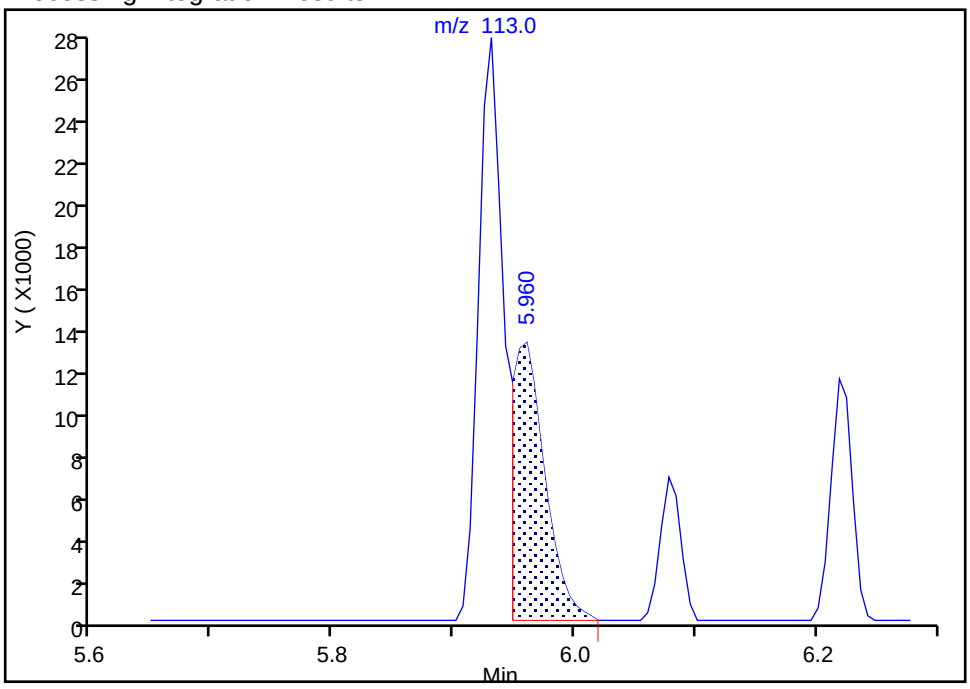
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57323.d
Injection Date: 12-Aug-2020 17:03:30 Instrument ID: CBNAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

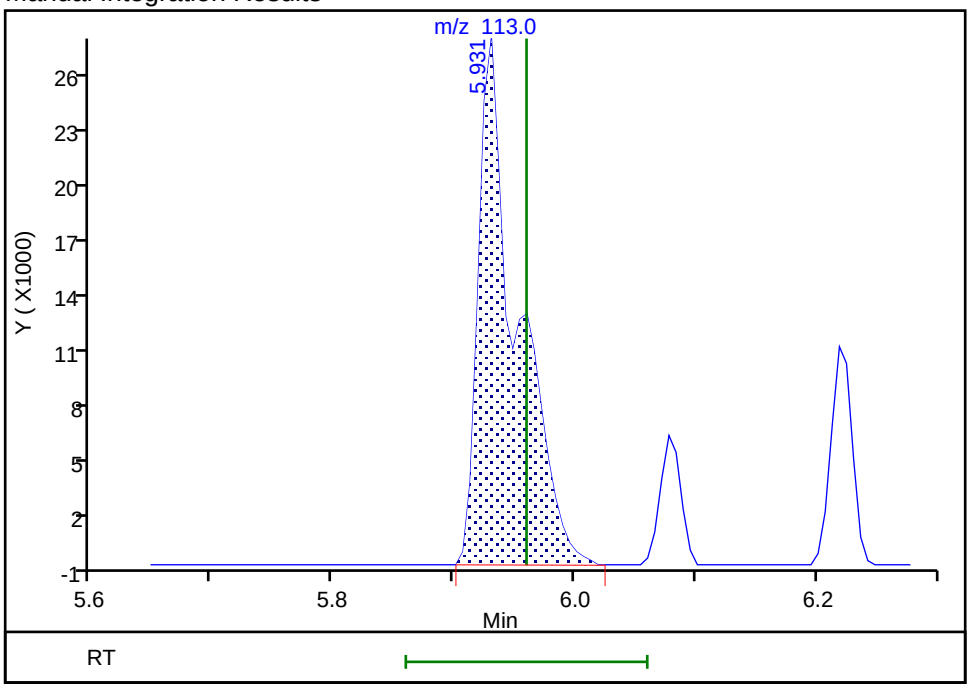
Processing Integration Results

RT: 5.96
Area: 24627
Amount: 16.084189
Amount Units: ug/ml



Manual Integration Results

RT: 5.93
Area: 61176
Amount: 16.686837
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:25:55
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

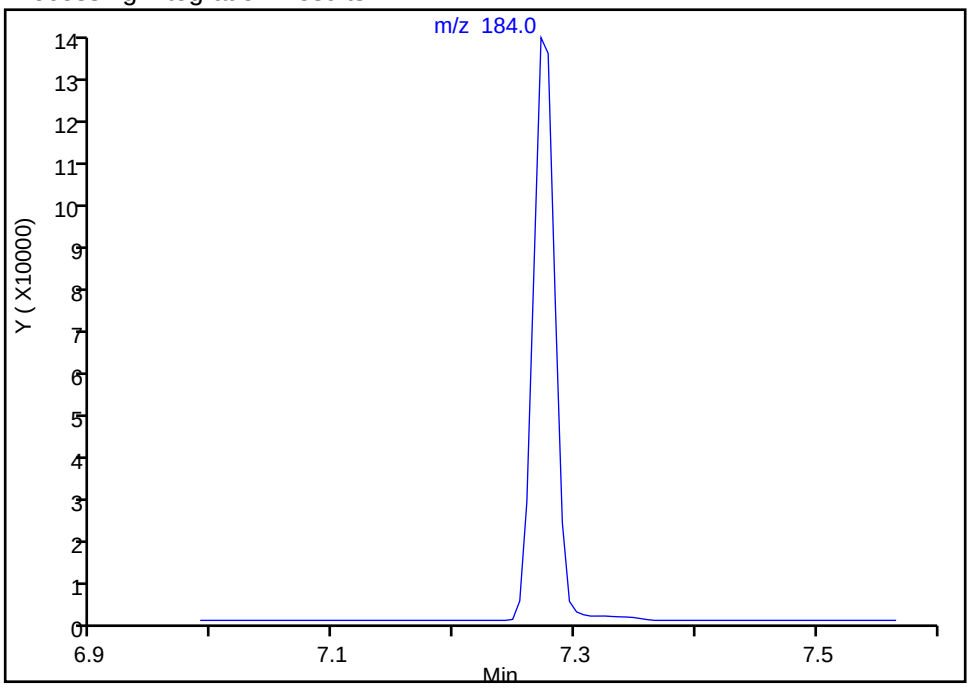
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57323.d
Injection Date: 12-Aug-2020 17:03:30 Instrument ID: CBNAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

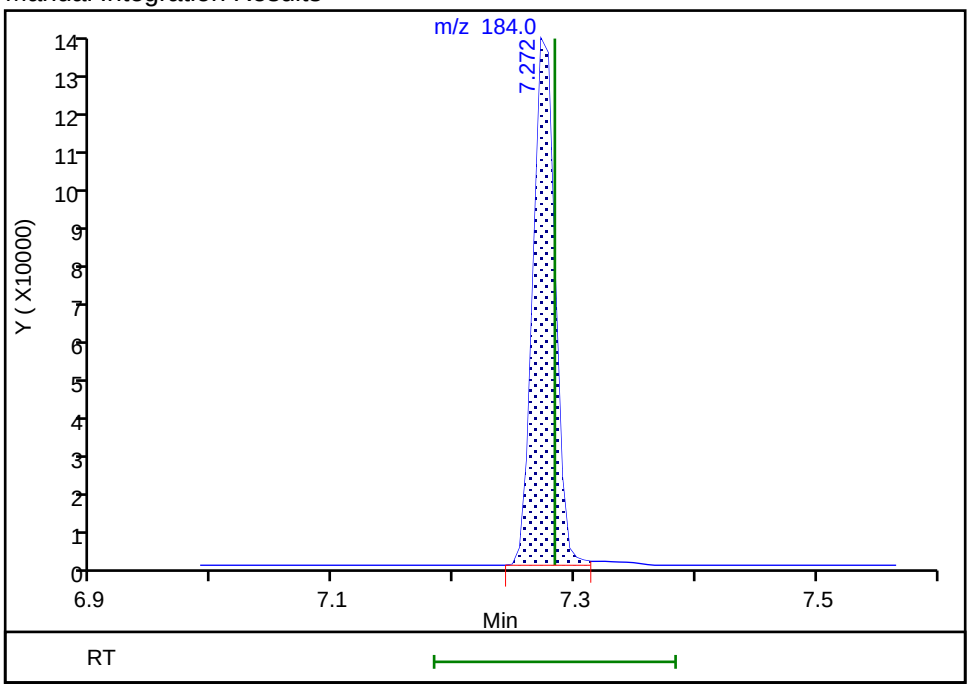
Not Detected
Expected RT: 7.28

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 174462
Amount: 40.176340
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:26:00
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

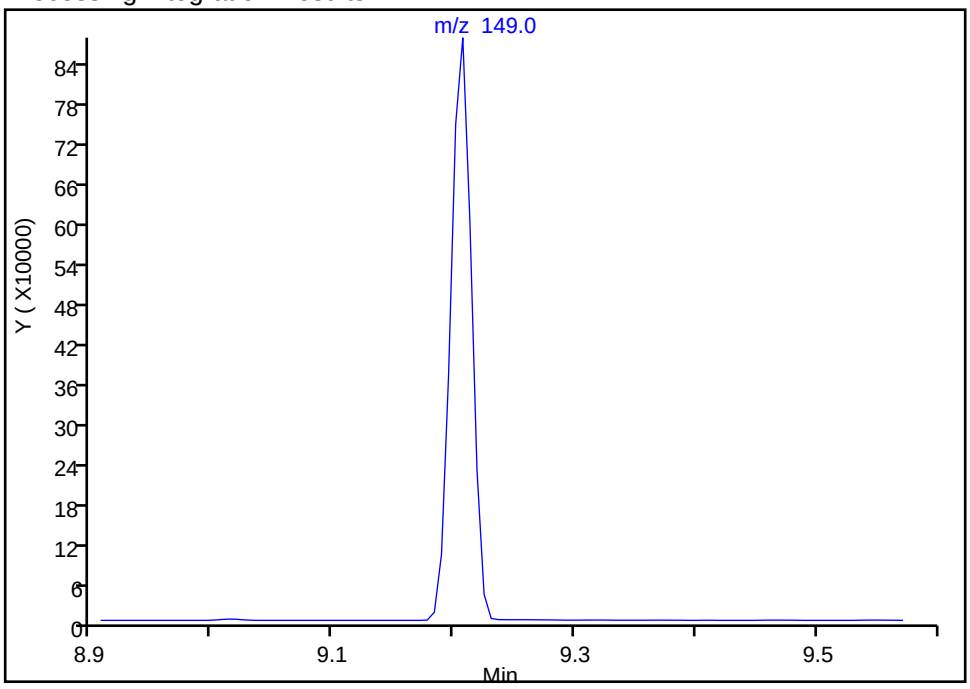
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57323.d
Injection Date: 12-Aug-2020 17:03:30 Instrument ID: CBNAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

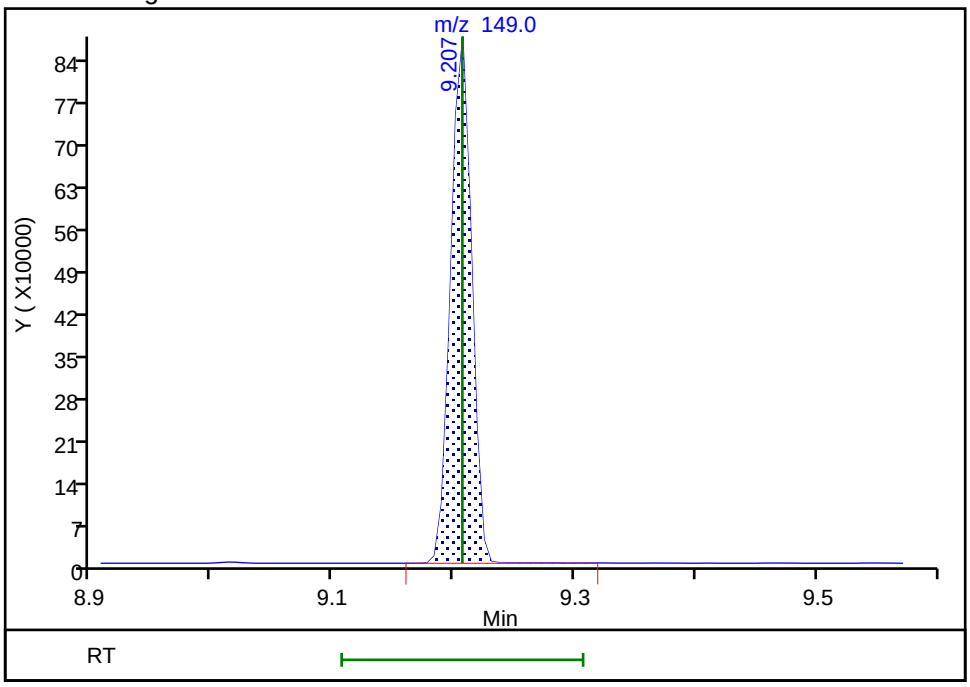
Not Detected
Expected RT: 9.21

Processing Integration Results



Manual Integration Results

RT: 9.21
Area: 1046835
Amount: 19.331118
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:26:05
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57324.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 12-Aug-2020 17:27:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:47 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:27:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.754	1.754	0.000	91	60552	10.0	10.5	
	2 N-Nitrosodimethylamine	74	1.960	1.966	-0.006	77	93570	10.0	10.5	
	3 Pyridine	79	1.990	1.990	0.000	76	310916	20.0	20.5	
$	4 2-Fluorophenol	112	3.048	3.054	-0.006	87	137949	10.0	9.69	
	5 Benzaldehyde	77	3.878	3.878	0.000	92	127307	10.0	10.0	
$	6 Phenol-d5	99	3.937	3.948	-0.011	98	182501	10.0	9.81	
	7 Phenol	94	3.948	3.966	-0.018	97	200134	10.0	9.87	
	8 Aniline	93	3.984	3.989	-0.005	98	242840	10.0	10.2	
	9 Bis(2-chloroethyl)ether	93	4.043	4.054	-0.011	91	153155	10.0	10.3	
	11 2-Chlorophenol	128	4.101	4.107	-0.006	91	155097	10.0	10.2	
	12 n-Decane	43	4.154	4.160	-0.006	93	238609	10.0	10.4	
	13 1,3-Dichlorobenzene	146	4.254	4.254	0.000	93	176752	10.0	10.3	
*	14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	97	433031	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.319	4.325	-0.006	95	177866	10.0	10.1	
	16 Benzyl alcohol	108	4.431	4.436	-0.005	89	97420	10.0	10.1	
	17 1,2-Dichlorobenzene	146	4.466	4.472	-0.006	94	171745	10.0	10.4	
	18 2-Methylphenol	108	4.537	4.548	-0.011	86	136211	10.0	10.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.566	4.572	-0.006	91	293224	10.0	10.1	
	20 N-Methylaniline	106	4.684	4.689	-0.005	85	235813	10.0	9.89	
	24 4-Methylphenol	108	4.690	4.701	-0.011	79	159731	10.0	10.2	
	23 3 & 4 Methylphenol	108	4.690	4.701	-0.011	92	159731	10.0	10.2	
	22 Acetophenone	105	4.690	4.701	-0.011	85	229141	10.0	10.2	
	21 N-Nitrosodi-n-propylamine	70	4.690	4.707	-0.017	94	121576	10.0	10.2	
	25 Hexachloroethane	117	4.795	4.801	-0.006	91	68051	10.0	10.7	
$	26 Nitrobenzene-d5	82	4.837	4.842	-0.005	91	178994	10.0	10.0	
	27 Nitrobenzene	123	4.854	4.860	-0.006	90	78808	10.0	10.7	
	28 n,n'-Dimethylaniline	120	4.860	4.866	-0.006	93	225232	10.0	9.95	
	31 Isophorone	82	5.084	5.095	-0.011	99	318684	10.0	10.5	
	32 2-Nitrophenol	139	5.166	5.166	0.000	82	82107	10.0	10.1	
	33 2,4-Dimethylphenol	122	5.207	5.213	-0.006	87	127865	10.0	9.72	
	34 Bis(2-chloroethoxy)methane	93	5.301	5.307	-0.006	95	193669	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.278	5.354	-0.076	93	77250	10.0	9.03	
36 2,4-Dichlorophenol	162	5.395	5.401	-0.006	93	134341	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	94	154505	10.0	10.5	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	100	1661750	40.0	40.0	
39 Naphthalene	128	5.554	5.560	-0.006	98	445074	10.0	9.97	
40 4-Chloroaniline	127	5.607	5.613	-0.006	95	185739	10.0	10.0	
133 2,6-Dichlorophenol	162	5.613	5.619	-0.006	95	133559	NC	NC	
41 Hexachlorobutadiene	225	5.684	5.689	-0.005	97	99657	10.0	10.3	
42 Caprolactam	113	5.919	5.960	-0.041	86	39394	10.0	10.4	a
43 4-Chloro-3-methylphenol	107	6.078	6.083	-0.005	96	136289	10.0	10.4	
44 2-Methylnaphthalene	142	6.219	6.225	-0.006	83	295147	10.0	10.2	
45 1-Methylnaphthalene	142	6.313	6.319	-0.006	92	274484	10.0	10.1	
46 Hexachlorocyclopentadiene	237	6.384	6.389	-0.005	98	116732	10.0	9.89	
47 1,2,4,5-Tetrachlorobenzene	216	6.384	6.389	-0.005	98	160832	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	6.419	6.425	-0.006	89	189560	10.0	9.61	
49 2,4,6-Trichlorophenol	196	6.495	6.495	0.000	91	106813	10.0	10.3	
50 2,4,5-Trichlorophenol	196	6.525	6.530	-0.005	97	122763	10.0	10.9	
$ 51 2-Fluorobiphenyl	172	6.578	6.577	0.001	97	326372	10.0	9.88	
52 1,1'-Biphenyl	154	6.672	6.677	-0.005	96	371021	10.0	10.3	
53 2-Chloronaphthalene	162	6.684	6.689	-0.005	99	291742	10.0	10.3	
54 Phenyl ether	170	6.772	6.777	-0.005	91	187727	10.0	9.96	
55 2-Nitroaniline	65	6.783	6.789	-0.006	94	123263	10.0	10.3	
57 1,3-Dimethylnaphthalene	156	6.895	6.901	-0.006	91	205081	10.0	9.80	
58 Dimethyl phthalate	163	6.966	6.977	-0.011	98	337826	10.0	10.3	
59 Coumarin	146	6.978	6.989	-0.011	77	105633	10.0	10.1	
60 2,6-Dinitrotoluene	165	7.019	7.025	-0.006	93	76066	10.0	10.8	
63 Acenaphthylene	152	7.083	7.089	-0.006	97	430886	10.0	10.1	
64 3-Nitroaniline	65	7.172	7.183	-0.011	90	123418	10.0	10.3	
* 65 Acenaphthene-d10	164	7.219	7.225	-0.005	96	883033	40.0	40.0	
67 Acenaphthene	154	7.248	7.254	-0.006	96	308170	10.0	10.7	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.248	7.254	-0.006	96	281624	10.0	9.61	
68 2,4-Dinitrophenol	184	7.272	7.283	-0.011	92	80858	20.0	19.8	a
69 4-Nitrophenol	65	7.336	7.354	-0.018	96	145013	20.0	20.3	
70 2,4-Dinitrotoluene	165	7.401	7.407	-0.006	92	102794	10.0	10.9	
71 Dibenzofuran	168	7.413	7.419	-0.006	95	401396	10.0	10.2	
72 2,3,4,6-Tetrachlorophenol	232	7.536	7.536	0.000	94	93549	10.0	9.97	
73 Diethyl phthalate	149	7.642	7.654	-0.012	98	341291	10.0	10.3	
75 4-Chlorophenyl phenyl ether	204	7.742	7.748	-0.006	87	166274	10.0	10.3	
74 Fluorene	166	7.742	7.748	-0.006	93	327842	10.0	10.1	
76 4-Nitroaniline	138	7.754	7.783	-0.029	96	79070	10.0	10.6	
77 4,6-Dinitro-2-methylphenol	198	7.789	7.807	-0.018	86	110714	20.0	20.5	
78 N-Nitrosodiphenylamine	169	7.854	7.866	-0.012	89	233840	10.0	10.2	
79 1,2-Diphenylhydrazine	77	7.895	7.901	-0.006	99	339091	10.0	10.0	
$ 80 2,4,6-Tribromophenol	330	7.972	7.977	-0.005	94	55536	10.0	9.91	
81 4-Bromophenyl phenyl ether	248	8.207	8.213	-0.006	91	104563	10.0	10.1	
82 Hexachlorobenzene	284	8.272	8.277	-0.005	95	113783	10.0	10.1	
83 Atrazine	200	8.372	8.377	-0.005	91	95269	10.0	10.4	
84 Pentachlorophenol	266	8.460	8.460	0.000	93	147664	20.0	20.4	
85 Pentachloronitrobenzene	237	8.478	8.477	0.001	90	50356	10.0	9.78	
86 n-Octadecane	57	8.554	8.554	0.000	90	304350	10.0	10.0	
* 87 Phenanthrene-d10	188	8.636	8.636	0.000	98	1603213	40.0	40.0	
88 Phenanthrene	178	8.654	8.660	-0.006	97	495285	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.701	8.707	-0.006	99	509118	10.0	10.1	
90 Carbazole	167	8.854	8.860	-0.006	96	425906	10.0	10.2	
91 Di-n-butyl phthalate	149	9.207	9.207	0.000	100	551811	10.0	10.0	a
92 Fluoranthene	202	9.789	9.795	-0.006	98	521272	10.0	10.0	
93 Benzidine	184	9.919	9.918	0.001	99	240184	10.0	9.72	
94 Pyrene	202	10.007	10.007	0.000	98	526186	10.0	10.2	
95 Bisphenol-A	213	10.060	10.060	0.000	98	242898	10.0	10.1	
$ 96 Terphenyl-d14	244	10.166	10.165	0.001	99	360194	10.0	9.49	
97 Butyl benzyl phthalate	149	10.666	10.671	-0.005	98	218609	10.0	10.1	
99 Carbamazepine	193	10.771	10.777	-0.006	93	193786	10.0	9.60	
100 3,3'-Dichlorobenzidine	252	11.242	11.248	-0.006	99	182021	10.0	10.2	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	98	507876	10.0	10.3	
* 102 Chrysene-d12	240	11.277	11.277	0.000	99	1381461	40.0	40.0	
103 Chrysene	228	11.307	11.312	-0.005	99	489385	10.0	10.3	
104 Bis(2-ethylhexyl) phthalate	149	11.330	11.330	0.000	89	317965	10.0	10.0	
105 Di-n-octyl phthalate	149	12.154	12.154	0.000	97	533871	10.0	10.0	
106 Benzo[b]fluoranthene	252	12.618	12.630	-0.012	97	465792	10.0	10.0	
107 Benzo[k]fluoranthene	252	12.660	12.671	-0.011	98	513597	10.0	11.1	
108 Benzo[a]pyrene	252	13.065	13.071	-0.006	98	416119	10.0	10.7	
* 109 Perylene-d12	264	13.154	13.154	0.000	99	1474515	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.683	14.700	-0.017	98	409269	10.0	10.0	
111 Dibenz(a,h)anthracene	278	14.724	14.742	-0.018	99	417561	10.0	10.7	
112 Benzo[g,h,i]perylene	276	15.106	15.130	-0.024	97	416042	10.0	10.4	
S 119 Total Cresols	1				0			20.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L5_00001 Amount Added: 1.00 Units: mL

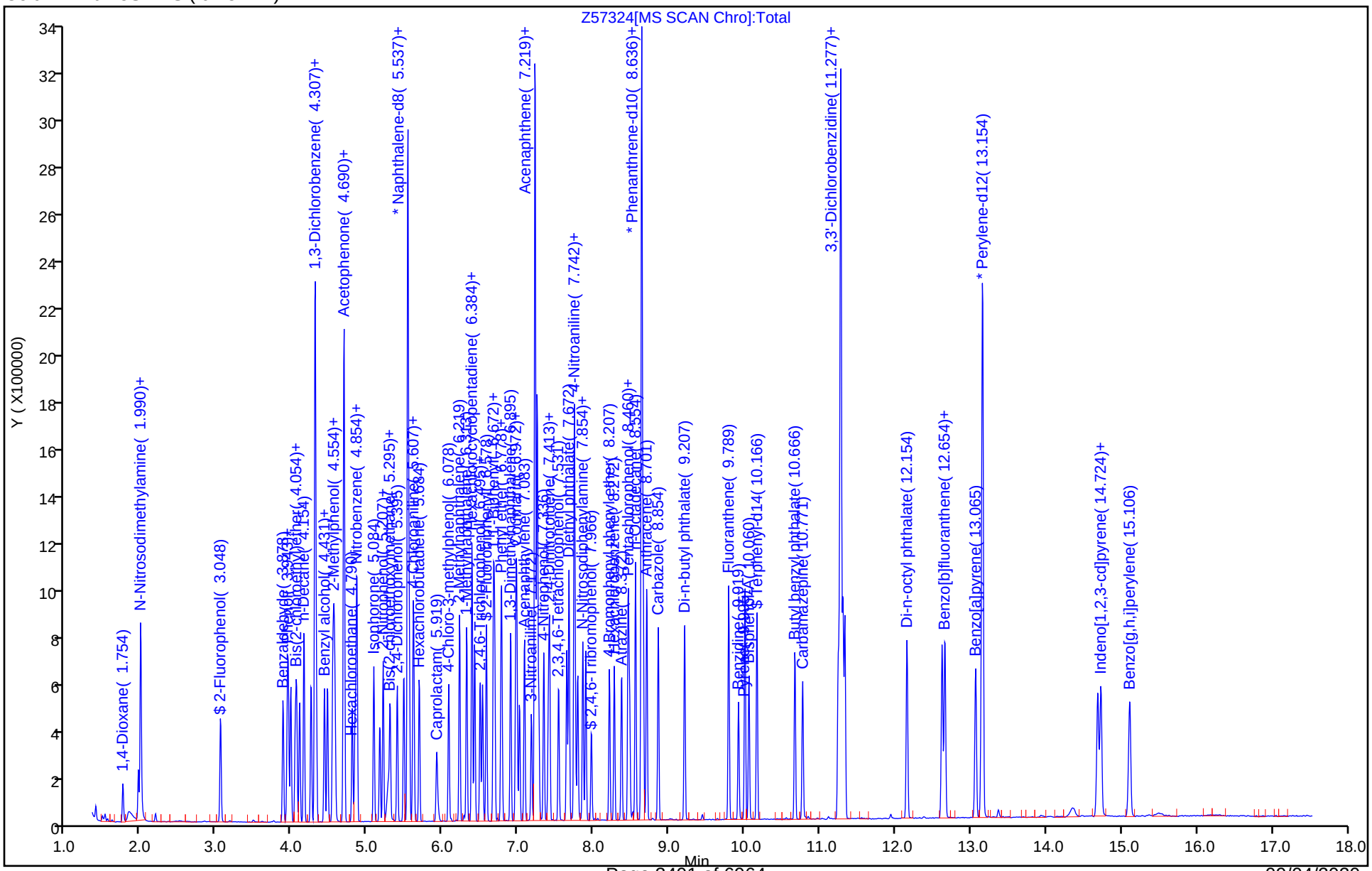
Report Date: 13-Aug-2020 07:52:47 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57324.d

Injection Date:	12-Aug-2020 17:27:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

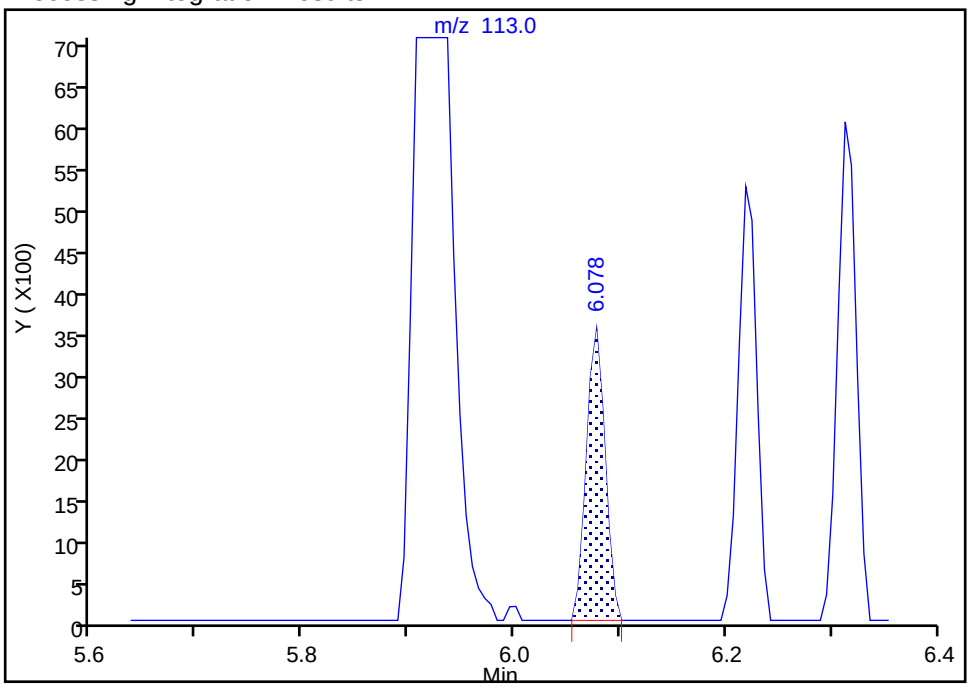
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57324.d
Injection Date: 12-Aug-2020 17:27:30 Instrument ID: CBNAMS11
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

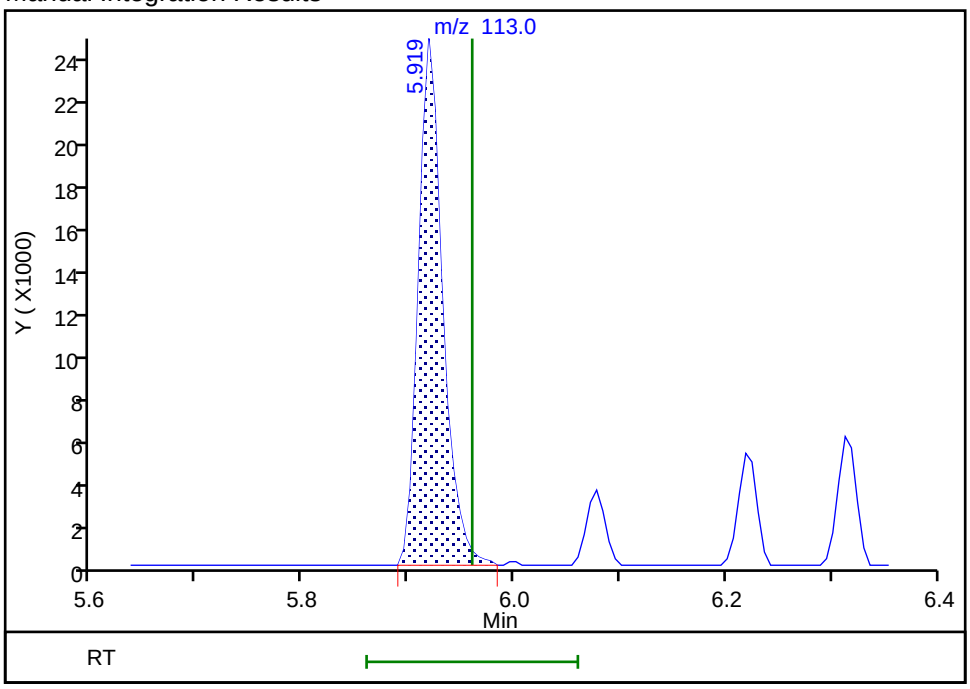
Processing Integration Results

RT: 6.08
Area: 4324
Amount: 1.148573
Amount Units: ug/ml



Manual Integration Results

RT: 5.92
Area: 39394
Amount: 10.444442
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:26:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

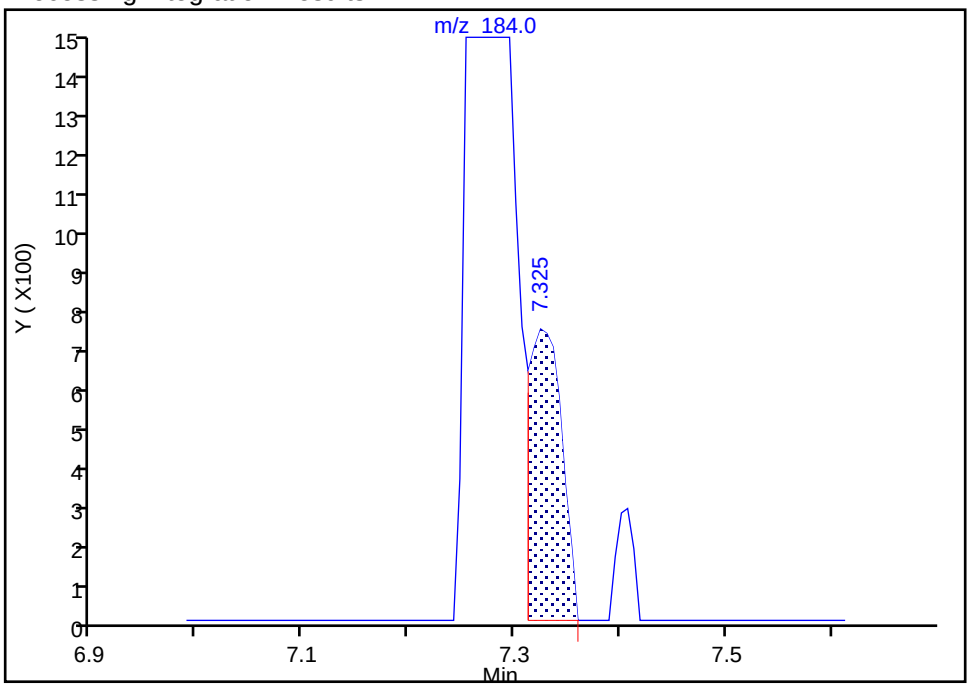
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57324.d				
Injection Date:	12-Aug-2020 17:27:30	Instrument ID:	CBNAMS11		
Lims ID:	STD10				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

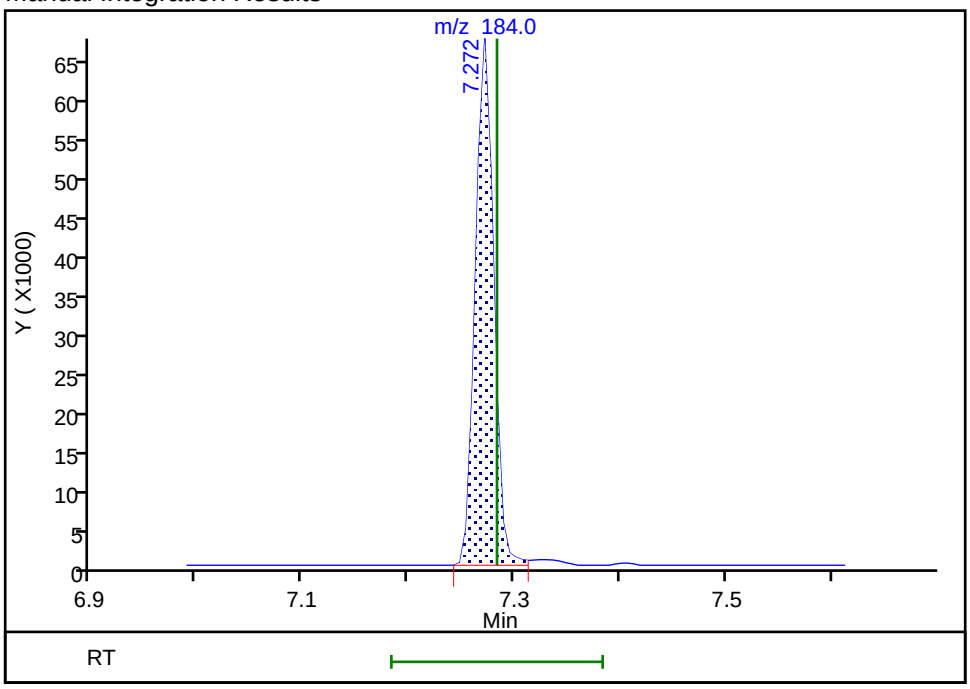
Processing Integration Results

RT: 7.32
Area: 1565
Amount: 15.399209
Amount Units: ug/ml



Manual Integration Results

RT: 7.27
Area: 80858
Amount: 19.792248
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:27:07

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

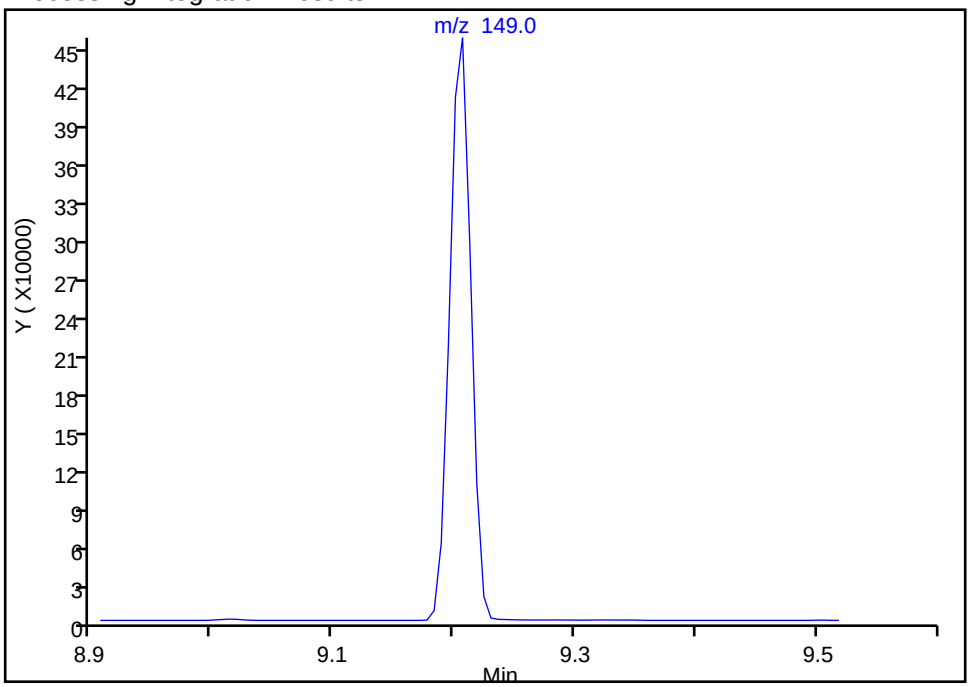
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57324.d
Injection Date: 12-Aug-2020 17:27:30 Instrument ID: CBNAMS11
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

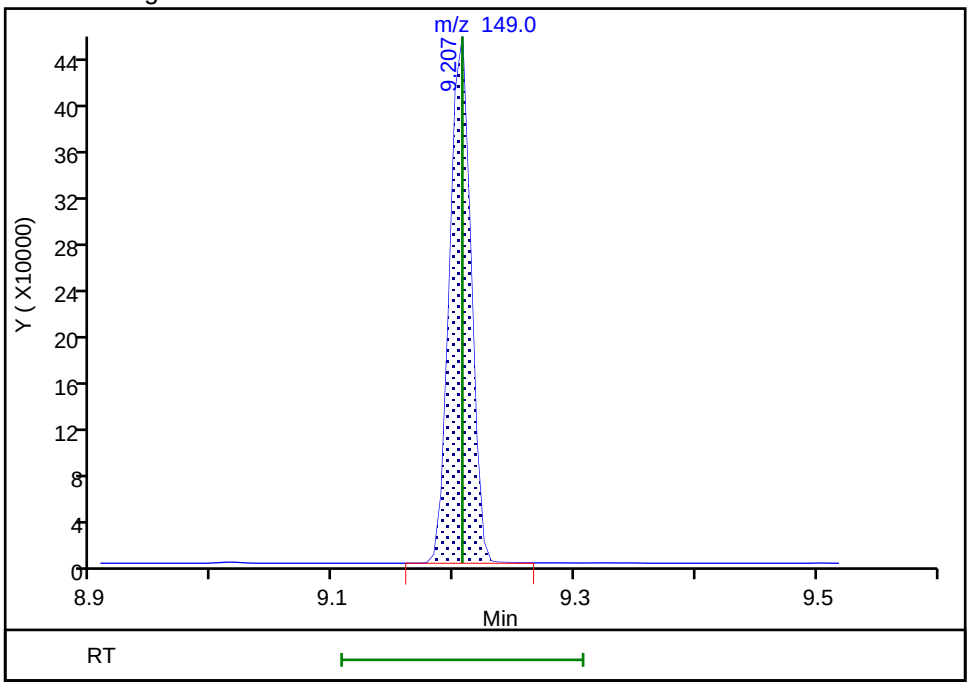
Not Detected
Expected RT: 9.21

Processing Integration Results



Manual Integration Results

RT: 9.21
Area: 551811
Amount: 10.014616
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:26:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57325.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Aug-2020 17:51:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:54 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:28:01

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.755	1.754	0.001	88	31043	5.00	4.84	
	2 N-Nitrosodimethylamine	74	1.960	1.966	-0.006	77	49670	5.00	5.00	
	3 Pyridine	79	1.996	1.990	0.006	77	171953	10.0	10.2	
$	4 2-Fluorophenol	112	3.049	3.054	-0.005	89	79473	5.00	5.01	
	5 Benzaldehyde	77	3.878	3.878	0.000	91	78566	5.00	5.55	
$	6 Phenol-d5	99	3.937	3.948	-0.011	98	103184	5.00	4.98	
	7 Phenol	94	3.949	3.966	-0.017	97	110559	5.00	4.90	
	8 Aniline	93	3.984	3.989	-0.005	98	134625	5.00	5.07	
	9 Bis(2-chloroethyl)ether	93	4.043	4.054	-0.011	91	85984	5.00	5.18	
	11 2-Chlorophenol	128	4.102	4.107	-0.005	93	87881	5.00	5.18	
	12 n-Decane	43	4.154	4.160	-0.006	93	129231	5.00	5.05	
	13 1,3-Dichlorobenzene	146	4.254	4.254	0.000	94	94421	5.00	4.93	
*	14 1,4-Dichlorobenzene-d4	152	4.302	4.307	-0.005	98	482029	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.319	4.325	-0.006	93	100447	5.00	5.15	
	16 Benzyl alcohol	108	4.431	4.436	-0.005	88	51758	5.00	4.84	
	17 1,2-Dichlorobenzene	146	4.466	4.472	-0.006	94	92180	5.00	5.01	
	18 2-Methylphenol	108	4.537	4.548	-0.011	87	75705	5.00	5.10	
	19 2,2'-oxybis[1-chloropropane]	45	4.566	4.572	-0.006	91	168688	5.00	5.23	
	20 N-Methylaniline	106	4.678	4.689	-0.011	94	131958	5.00	4.97	
	24 4-Methylphenol	108	4.690	4.701	-0.011	69	88376	5.00	5.09	
	23 3 & 4 Methylphenol	108	4.690	4.701	-0.011	90	88376	5.00	5.09	
	22 Acetophenone	105	4.690	4.701	-0.011	92	130086	5.00	5.19	
	21 N-Nitrosodi-n-propylamine	70	4.690	4.707	-0.017	94	66379	5.00	5.02	
	25 Hexachloroethane	117	4.796	4.801	-0.005	90	35349	5.00	4.99	
$	26 Nitrobenzene-d5	82	4.831	4.842	-0.011	94	97584	5.00	5.01	
	27 Nitrobenzene	123	4.854	4.860	-0.006	90	41396	5.00	5.07	
	28 n,n'-Dimethylaniline	120	4.860	4.866	-0.006	94	125181	5.00	4.97	a
	31 Isophorone	82	5.084	5.095	-0.011	99	171753	5.00	5.19	
	32 2-Nitrophenol	139	5.160	5.166	-0.006	81	45434	5.00	5.10	
	33 2,4-Dimethylphenol	122	5.207	5.213	-0.006	88	74468	5.00	5.18	
	34 Bis(2-chloroethoxy)methane	93	5.296	5.307	-0.011	95	105859	5.00	5.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.260	5.354	-0.094	94	35364	5.00	3.78	
36 2,4-Dichlorophenol	162	5.396	5.401	-0.005	93	72866	5.00	5.08	
37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	94	81131	5.00	5.04	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	100	1816718	40.0	40.0	
39 Naphthalene	128	5.554	5.560	-0.006	98	245254	5.00	5.03	
40 4-Chloroaniline	127	5.601	5.613	-0.012	95	104065	5.00	5.15	
133 2,6-Dichlorophenol	162	5.613	5.619	-0.006	94	71116	NC	NC	
41 Hexachlorobutadiene	225	5.684	5.689	-0.005	96	52666	5.00	5.00	
42 Caprolactam	113	5.907	5.960	-0.053	85	19819	5.00	4.81	a
43 4-Chloro-3-methylphenol	107	6.078	6.083	-0.005	96	70595	5.00	4.91	
44 2-Methylnaphthalene	142	6.219	6.225	-0.006	82	154895	5.00	4.88	
45 1-Methylnaphthalene	142	6.313	6.319	-0.006	92	146746	5.00	4.93	
46 Hexachlorocyclopentadiene	237	6.384	6.389	-0.005	84	59793	5.00	4.52	
47 1,2,4,5-Tetrachlorobenzene	216	6.384	6.389	-0.005	97	86557	5.00	4.97	
48 2-tertbutyl-4-methylphenol	149	6.419	6.425	-0.006	89	104369	5.00	4.84	
49 2,4,6-Trichlorophenol	196	6.495	6.495	0.000	87	53848	5.00	4.64	
50 2,4,5-Trichlorophenol	196	6.525	6.530	-0.005	97	65478	5.00	5.18	
$ 51 2-Fluorobiphenyl	172	6.578	6.577	0.001	96	179909	5.00	4.86	
52 1,1'-Biphenyl	154	6.672	6.677	-0.005	96	194546	5.00	4.83	
53 2-Chloronaphthalene	162	6.684	6.689	-0.005	97	157149	5.00	4.96	
54 Phenyl ether	170	6.772	6.777	-0.005	90	100103	5.00	4.74	
55 2-Nitroaniline	65	6.778	6.789	-0.011	94	65187	5.00	4.85	
57 1,3-Dimethylnaphthalene	156	6.895	6.901	-0.006	90	114038	5.00	4.87	
58 Dimethyl phthalate	163	6.966	6.977	-0.011	97	183787	5.00	5.00	
59 Coumarin	146	6.978	6.989	-0.011	80	56148	5.00	4.91	
60 2,6-Dinitrotoluene	165	7.013	7.025	-0.012	94	38842	5.00	4.90	
63 Acenaphthylene	152	7.084	7.089	-0.005	97	231764	5.00	4.87	
64 3-Nitroaniline	65	7.172	7.183	-0.011	90	67443	5.00	5.05	
* 65 Acenaphthene-d10	164	7.219	7.225	-0.005	95	989263	40.0	40.0	
67 Acenaphthene	154	7.248	7.254	-0.006	94	161281	5.00	5.01	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.248	7.254	-0.006	94	151327	5.00	4.61	
68 2,4-Dinitrophenol	184	7.272	7.283	-0.011	93	35819	10.0	9.40	a
69 4-Nitrophenol	65	7.337	7.354	-0.017	94	73414	10.0	9.18	
70 2,4-Dinitrotoluene	165	7.395	7.407	-0.012	92	52070	5.00	4.94	
71 Dibenzofuran	168	7.413	7.419	-0.006	95	219385	5.00	4.97	
72 2,3,4,6-Tetrachlorophenol	232	7.537	7.536	0.001	94	50660	5.00	4.82	
73 Diethyl phthalate	149	7.642	7.654	-0.012	98	184604	5.00	4.97	
75 4-Chlorophenyl phenyl ether	204	7.742	7.748	-0.006	87	89788	5.00	4.98	
74 Fluorene	166	7.742	7.748	-0.006	93	176505	5.00	4.85	
76 4-Nitroaniline	138	7.754	7.783	-0.029	96	41984	5.00	5.03	
77 4,6-Dinitro-2-methylphenol	198	7.784	7.807	-0.023	86	52910	10.0	9.89	
78 N-Nitrosodiphenylamine	169	7.854	7.866	-0.012	90	126093	5.00	5.07	
79 1,2-Diphenylhydrazine	77	7.895	7.901	-0.006	98	181747	5.00	4.93	
$ 80 2,4,6-Tribromophenol	330	7.972	7.977	-0.005	95	30176	5.00	4.81	
81 4-Bromophenyl phenyl ether	248	8.207	8.213	-0.006	90	54060	5.00	4.81	
82 Hexachlorobenzene	284	8.272	8.277	-0.005	95	62722	5.00	5.11	
83 Atrazine	200	8.366	8.377	-0.011	91	50083	5.00	5.04	
84 Pentachlorophenol	266	8.460	8.460	0.000	94	76890	10.0	9.79	
85 Pentachloronitrobenzene	237	8.478	8.477	0.001	87	28712	5.00	5.13	
86 n-Octadecane	57	8.554	8.554	0.000	90	161061	5.00	4.89	
* 87 Phenanthrene-d10	188	8.637	8.636	0.001	98	1742191	40.0	40.0	
88 Phenanthrene	178	8.654	8.660	-0.006	97	260731	5.00	4.94	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.701	8.707	-0.006	99	269403	5.00	4.90	
90 Carbazole	167	8.854	8.860	-0.006	96	220560	5.00	4.86	
91 Di-n-butyl phthalate	149	9.207	9.207	0.000	100	299284	5.00	5.00	a
92 Fluoranthene	202	9.789	9.795	-0.006	98	275547	5.00	4.88	
93 Benzidine	184	9.919	9.918	0.001	99	127505	5.00	4.75	
94 Pyrene	202	10.007	10.007	0.000	98	272527	5.00	4.96	
95 Bisphenol-A	213	10.060	10.060	0.000	98	127508	5.00	4.96	
$ 96 Terphenyl-d14	244	10.166	10.165	0.001	99	205130	5.00	5.05	
97 Butyl benzyl phthalate	149	10.666	10.671	-0.005	98	112860	5.00	4.88	
99 Carbamazepine	193	10.766	10.777	-0.011	93	104511	5.00	4.83	
100 3,3'-Dichlorobenzidine	252	11.242	11.248	-0.006	98	95361	5.00	4.99	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	96	265037	5.00	5.02	
* 102 Chrysene-d12	240	11.278	11.277	0.001	99	1478914	40.0	40.0	
103 Chrysene	228	11.301	11.312	-0.011	98	256945	5.00	5.04	
104 Bis(2-ethylhexyl) phthalate	149	11.330	11.330	0.000	89	169897	5.00	5.01	
105 Di-n-octyl phthalate	149	12.154	12.154	0.000	97	281551	5.00	4.96	
106 Benzo[b]fluoranthene	252	12.619	12.630	-0.011	98	247222	5.00	4.97	
107 Benzo[k]fluoranthene	252	12.654	12.671	-0.017	98	256969	5.00	5.21	
108 Benzo[a]pyrene	252	13.066	13.071	-0.005	98	212096	5.00	5.09	
* 109 Perylene-d12	264	13.160	13.154	0.006	99	1575262	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.683	14.700	-0.017	98	222564	5.00	5.10	
111 Dibenz(a,h)anthracene	278	14.724	14.742	-0.018	99	214221	5.00	5.12	
112 Benzo[g,h,i]perylene	276	15.107	15.130	-0.023	97	210804	5.00	4.93	
S 119 Total Cresols	1				0			10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L4_00001 Amount Added: 1.00 Units: mL

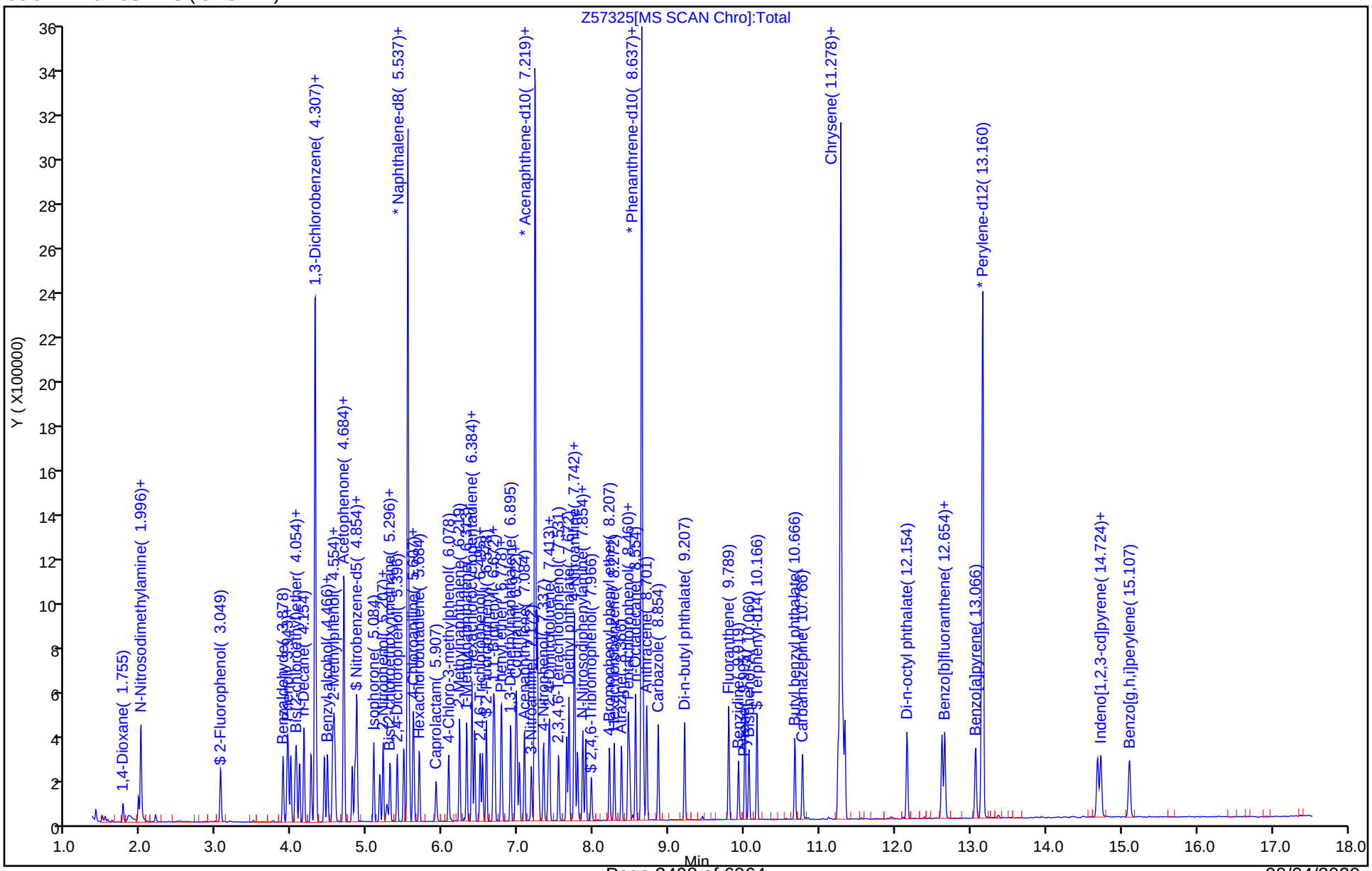
Report Date: 13-Aug-2020 07:52:55 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57325.d

Injection Date:	12-Aug-2020 17:51:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

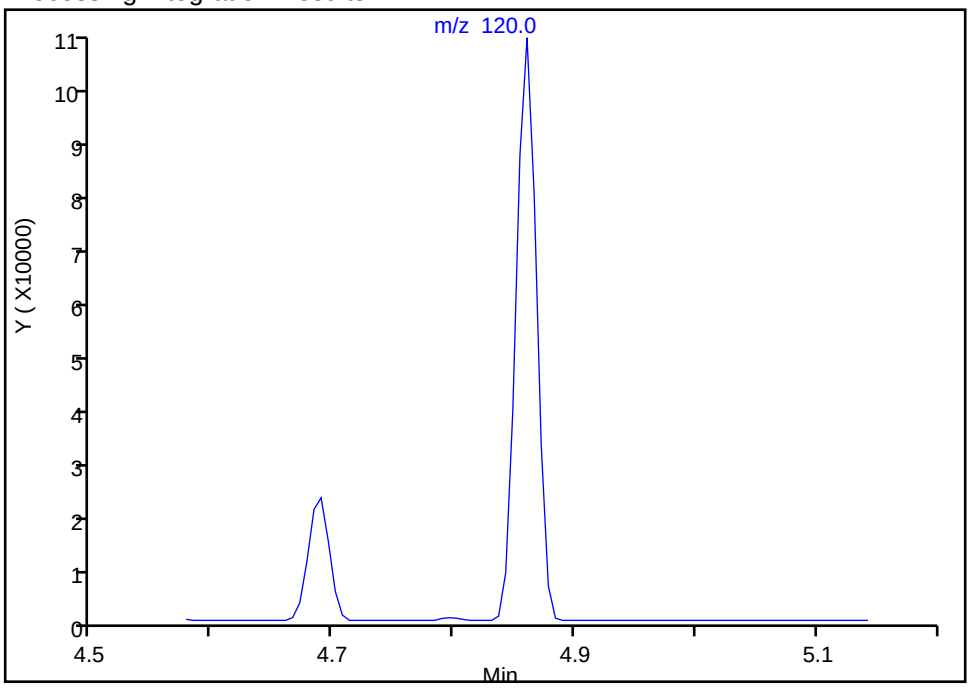
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57325.d				
Injection Date:	12-Aug-2020 17:51:30	Instrument ID:	CBNAMS11		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

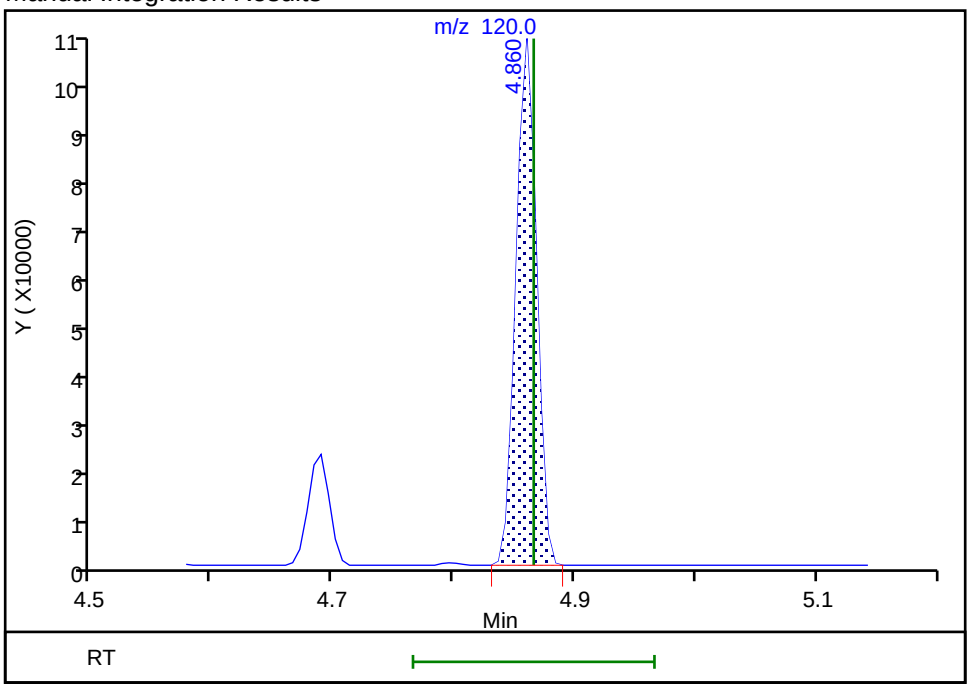
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 125181
Amount: 4.965901
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:27:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

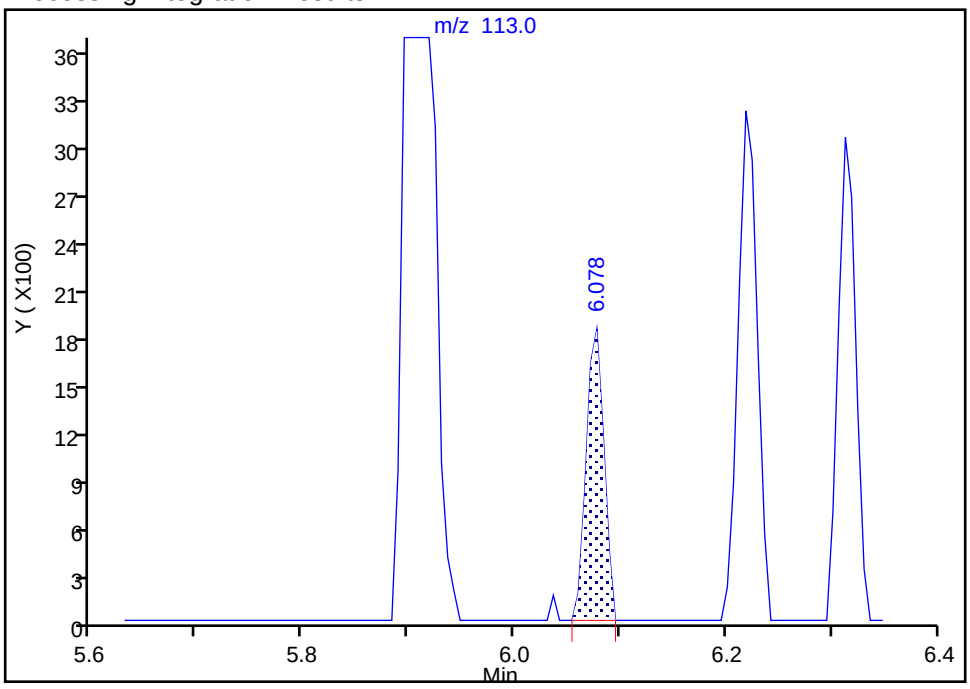
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57325.d				
Injection Date:	12-Aug-2020 17:51:30	Instrument ID:	CBNAMS11		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

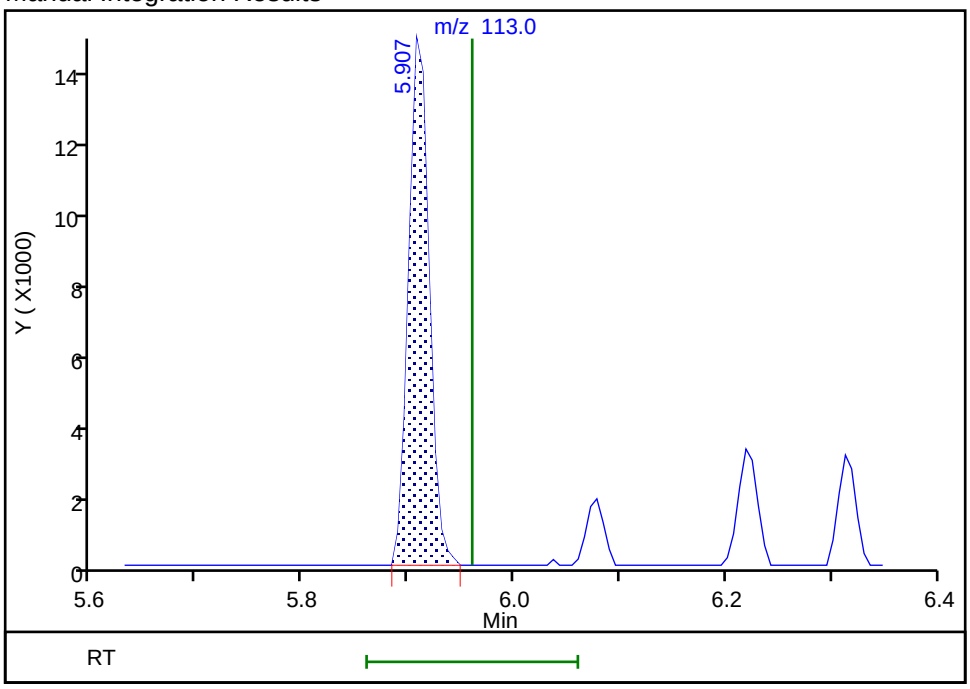
Processing Integration Results

RT: 6.08
Area: 2146
Amount: 0.518316
Amount Units: ug/ml



Manual Integration Results

RT: 5.91
Area: 19819
Amount: 4.806346
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:27:36

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

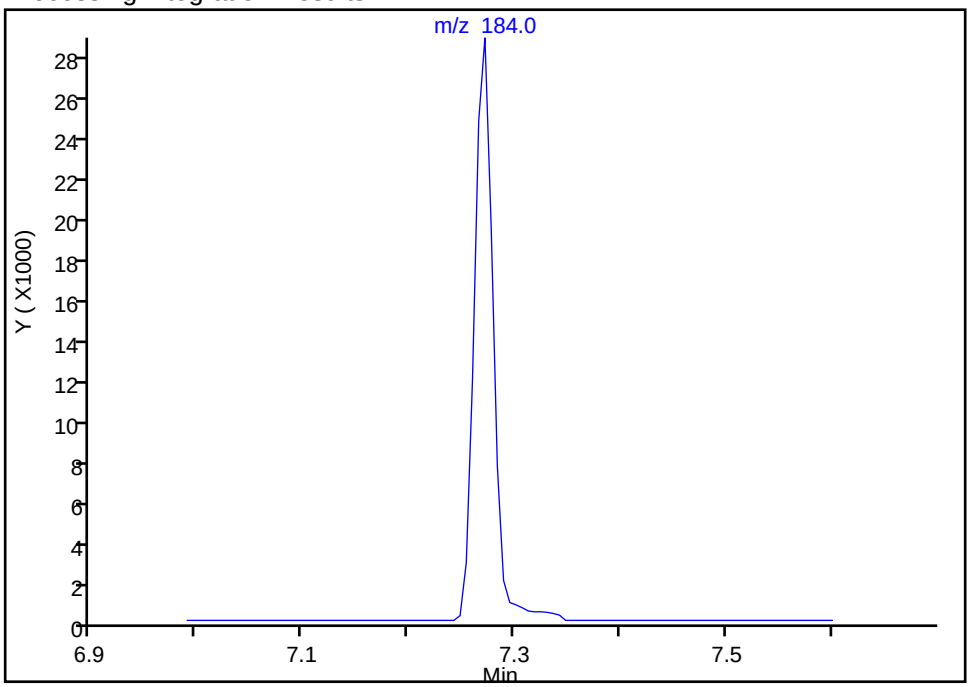
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57325.d				
Injection Date:	12-Aug-2020 17:51:30	Instrument ID:	CBNAMS11		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

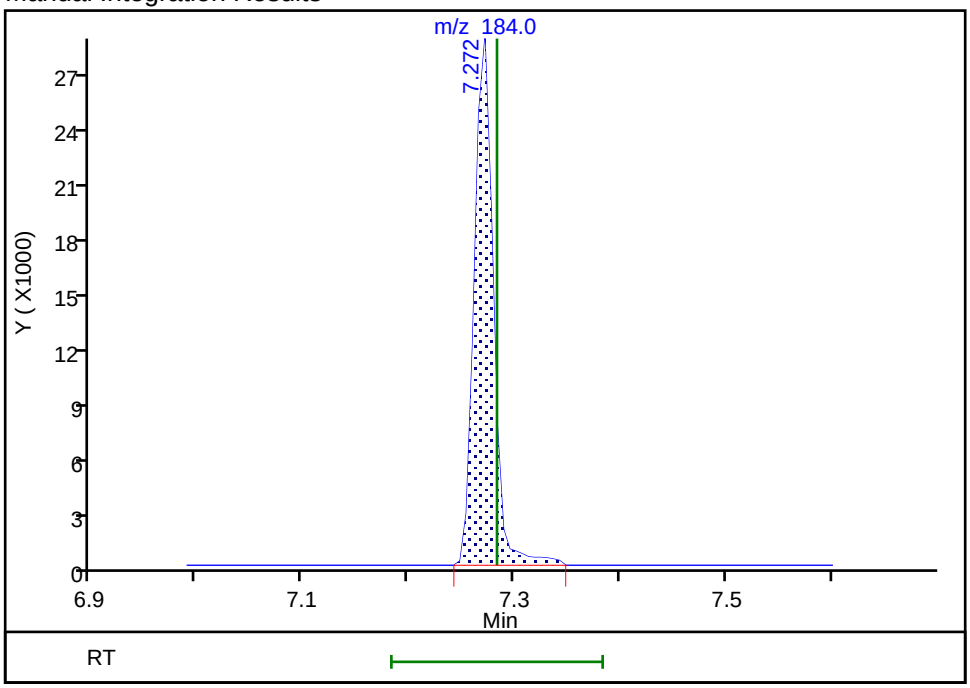
Not Detected
Expected RT: 7.28

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 35819
Amount: 9.396263
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:27:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

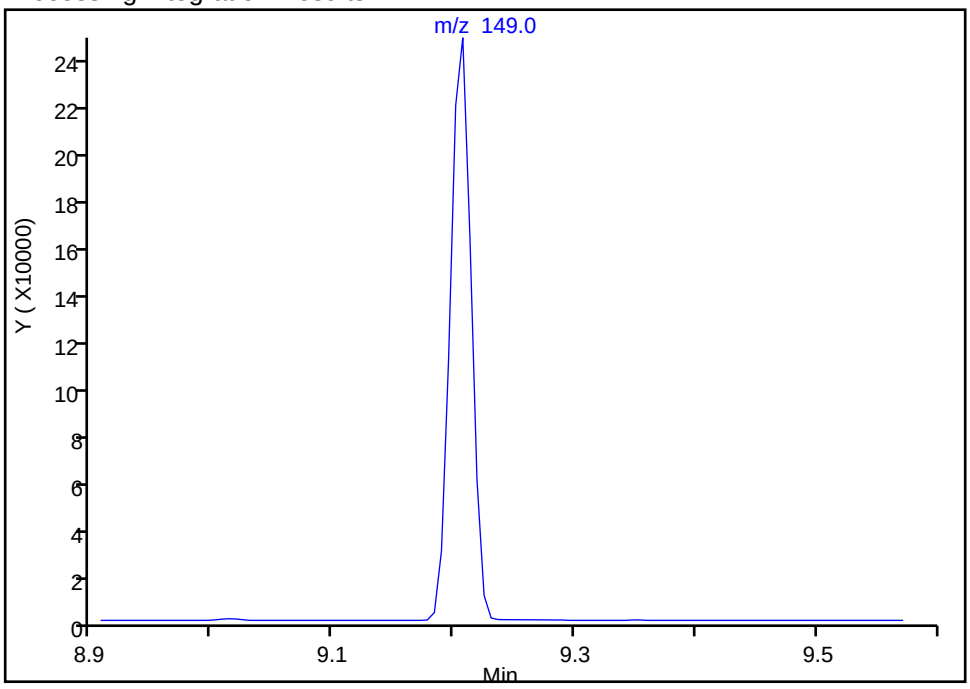
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57325.d
Injection Date: 12-Aug-2020 17:51:30 Instrument ID: CBNAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

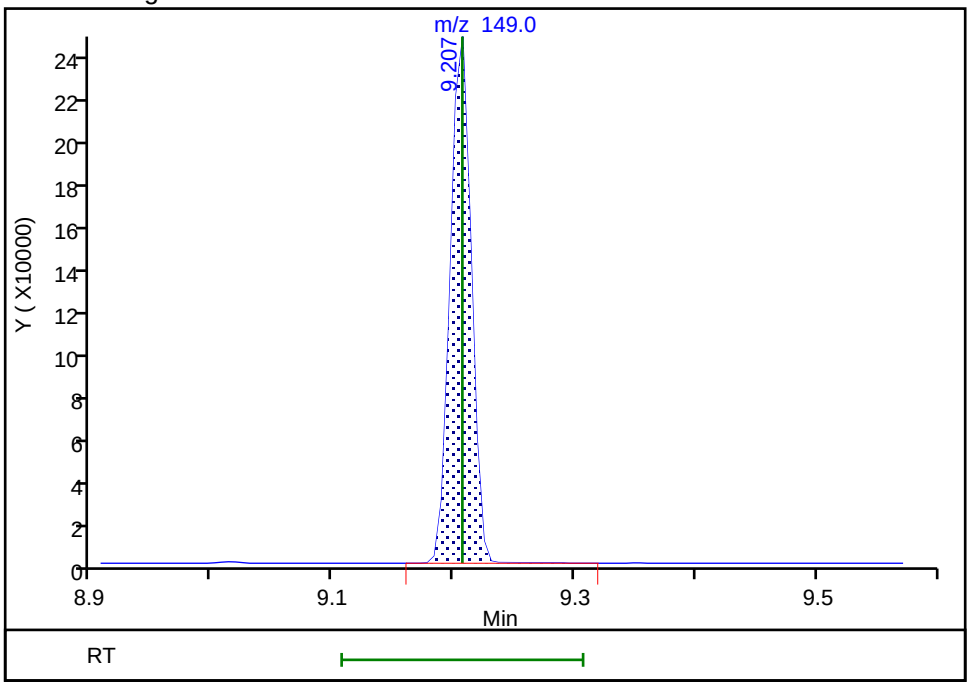
Not Detected
Expected RT: 9.21

Processing Integration Results



Manual Integration Results

RT: 9.21
Area: 299284
Amount: 4.998307
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:27:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57326.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-Aug-2020 18:14:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:53:00 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:28:29

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.760	1.754	0.006	93	13188	2.00	2.19	
$	4 2-Fluorophenol	112	3.054	3.054	0.000	88	30092	2.00	2.02	
	5 Benzaldehyde	77	3.878	3.878	0.000	91	26949	2.00	2.02	
$	6 Phenol-d5	99	3.931	3.948	-0.017	98	39181	2.00	2.01	
	9 Bis(2-chloroethyl)ether	93	4.043	4.054	-0.011	92	31982	2.00	2.05	
*	14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	97	453557	40.0	40.0	
	21 N-Nitrosodi-n-propylamine	70	4.690	4.707	-0.017	94	22559	2.00	1.81	
	25 Hexachloroethane	117	4.795	4.801	-0.006	89	12188	2.00	1.83	
$	26 Nitrobenzene-d5	82	4.831	4.842	-0.011	91	38028	2.00	2.08	
	27 Nitrobenzene	123	4.854	4.860	-0.006	88	13791	2.00	1.80	
	28 n,n'-Dimethylaniline	120	4.860	4.866	-0.006	97	44636	2.00	1.88	a
	31 Isophorone	82	5.084	5.095	-0.011	98	58102	2.00	1.87	
	36 2,4-Dichlorophenol	162	5.395	5.401	-0.006	94	25587	2.00	1.90	
	37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	94	29355	2.00	1.94	
*	38 Naphthalene-d8	136	5.537	5.536	0.001	100	1707773	40.0	40.0	
	133 2,6-Dichlorophenol	162	5.613	5.619	-0.006	95	27151	NC	NC	
	41 Hexachlorobutadiene	225	5.690	5.689	0.001	95	20668	2.00	2.09	
	42 Caprolactam	113	5.895	5.960	-0.065	85	7636	2.00	1.97	a
	49 2,4,6-Trichlorophenol	196	6.495	6.495	0.000	90	20197	2.00	1.92	
$	51 2-Fluorobiphenyl	172	6.578	6.577	0.001	98	68333	2.00	2.04	
	60 2,6-Dinitrotoluene	165	7.013	7.025	-0.012	92	14139	2.00	1.97	
*	65 Acenaphthene-d10	164	7.219	7.225	-0.005	96	895252	40.0	40.0	
	68 2,4-Dinitrophenol	184	7.272	7.283	-0.011	90	7151	4.00	4.10	a
	70 2,4-Dinitrotoluene	165	7.395	7.407	-0.012	89	17346	2.00	1.82	
	77 4,6-Dinitro-2-methylphenol	198	7.784	7.807	-0.023	82	14276	4.00	4.00	
$	80 2,4,6-Tribromophenol	330	7.966	7.977	-0.011	94	10631	2.00	1.87	
	82 Hexachlorobenzene	284	8.272	8.277	-0.005	95	21898	2.00	1.92	
	83 Atrazine	200	8.366	8.377	-0.011	90	17780	2.00	1.93	
	84 Pentachlorophenol	266	8.454	8.460	-0.006	93	22405	4.00	3.07	
*	87 Phenanthrene-d10	188	8.636	8.636	0.000	98	1617077	40.0	40.0	
$	96 Terphenyl-d14	244	10.166	10.165	0.001	99	78395	2.00	2.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 3,3'-Dichlorobenzidine	252	11.242	11.248	-0.006	97	30978	2.00	1.76	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	97	92017	2.00	1.90	
* 102 Chrysene-d12	240	11.277	11.277	0.000	99	1358960	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.619	12.630	-0.012	98	85068	2.00	1.89	
107 Benzo[k]fluoranthene	252	12.654	12.671	-0.017	98	85680	2.00	1.92	
108 Benzo[a]pyrene	252	13.066	13.071	-0.005	98	71689	2.00	1.90	
* 109 Perylene-d12	264	13.160	13.154	0.006	100	1424813	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.683	14.700	-0.017	98	75692	2.00	1.92	a
111 Dibenz(a,h)anthracene	278	14.724	14.742	-0.018	97	71695	2.00	1.89	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L3_00001 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:53:00 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57326.d

Injection Date: 12-Aug-2020 18:14:30 Instrument ID: CBNAMS11 Operator ID:

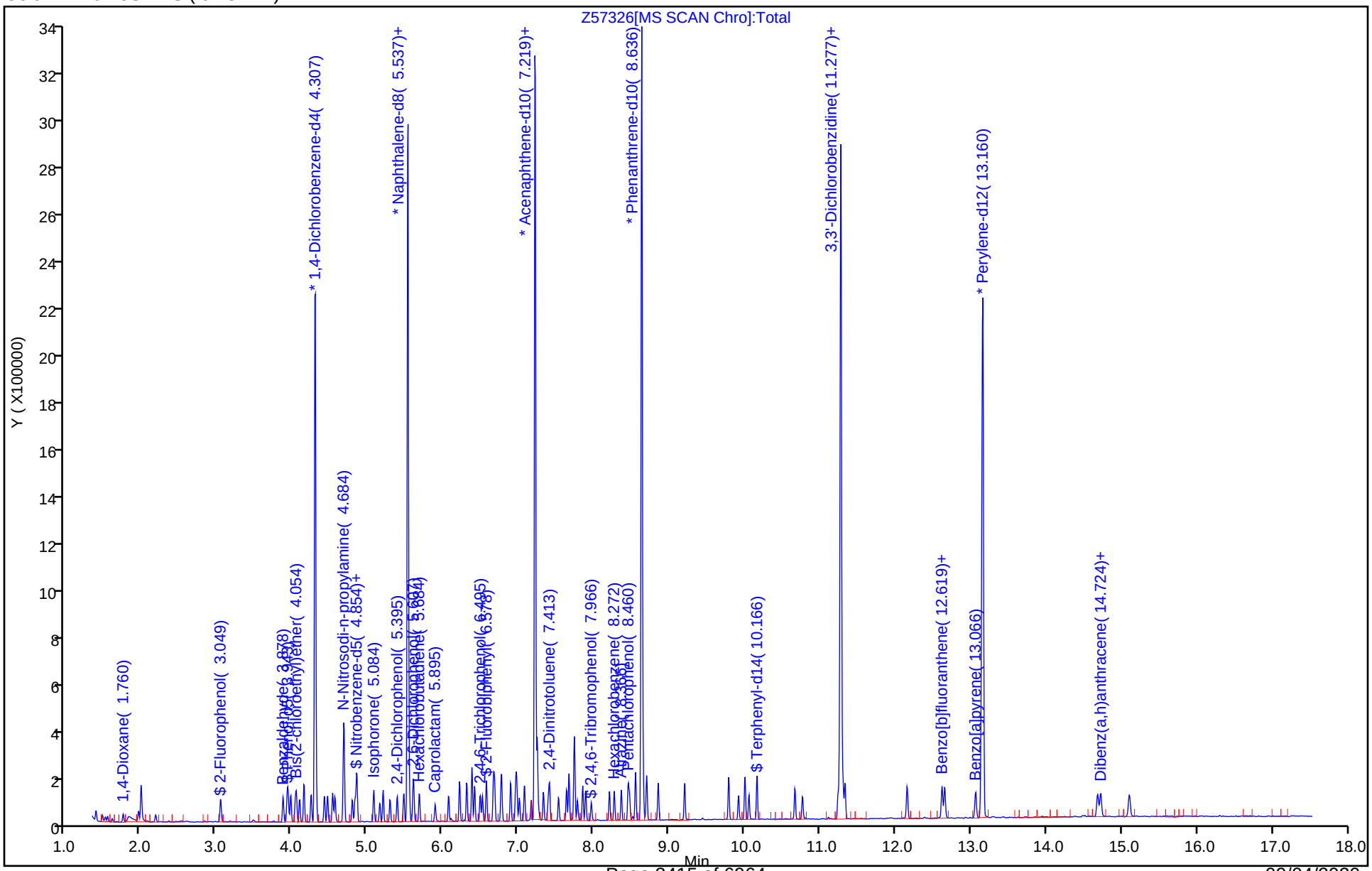
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

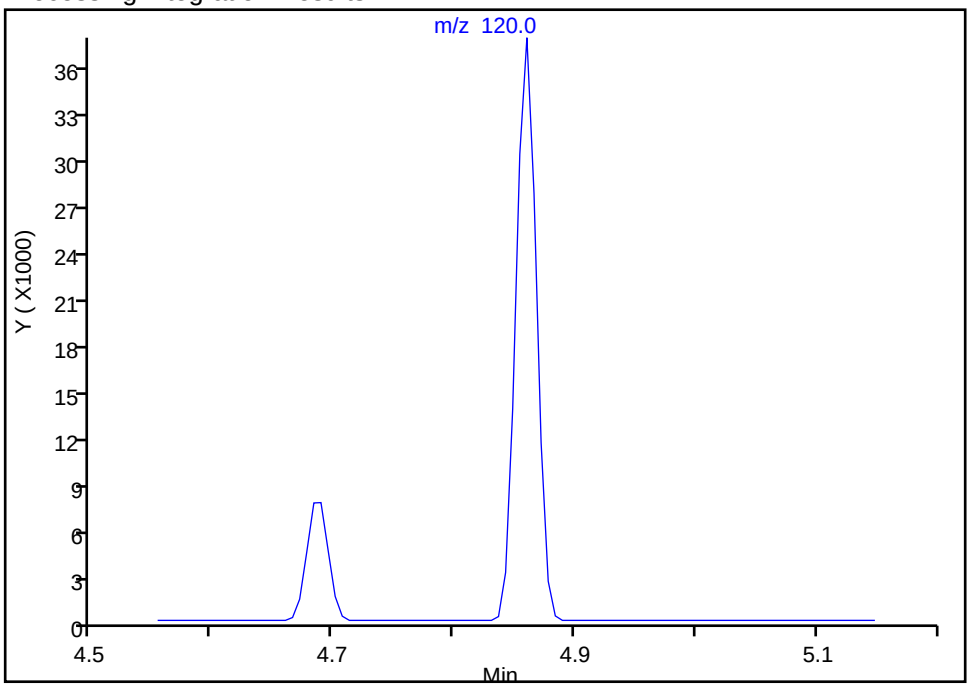
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57326.d				
Injection Date:	12-Aug-2020 18:14:30	Instrument ID:	CBNAMS11		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

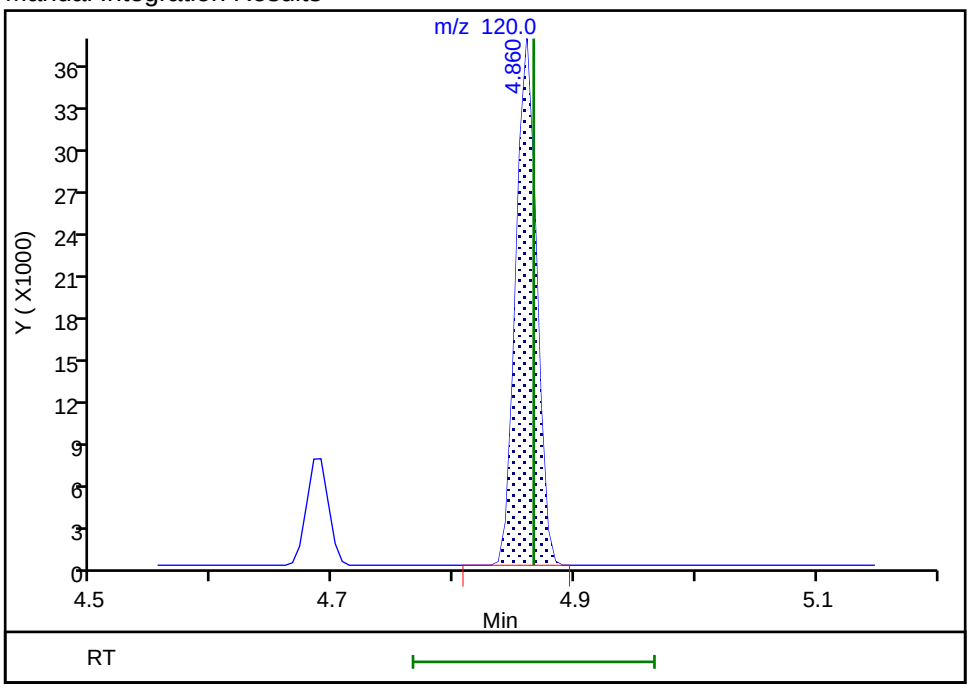
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 44636
Amount: 1.881855
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

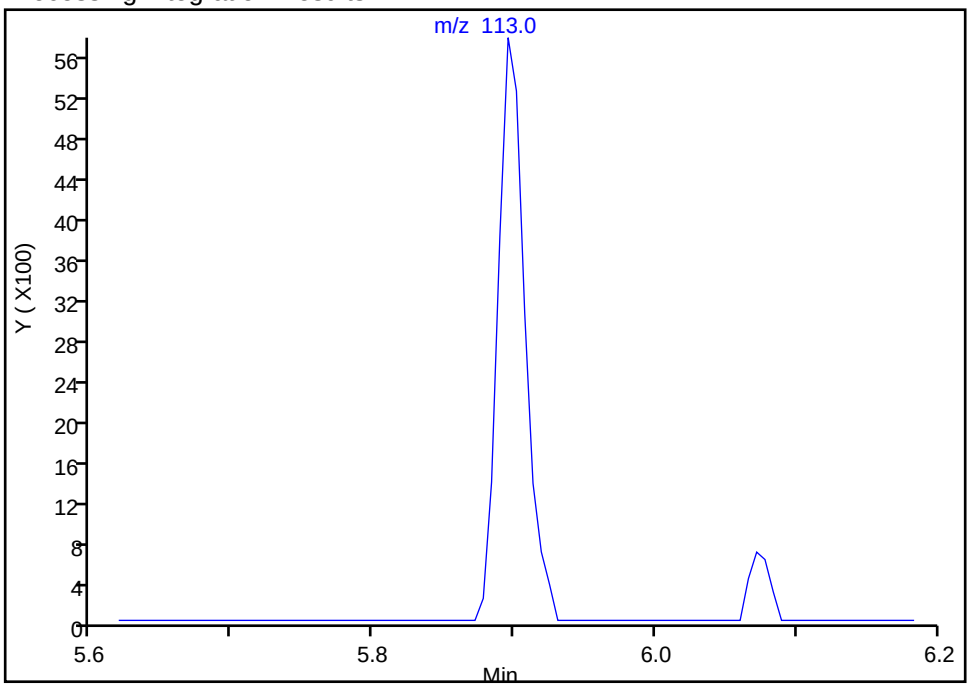
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57326.d
Injection Date: 12-Aug-2020 18:14:30 Instrument ID: CBNAMS11
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

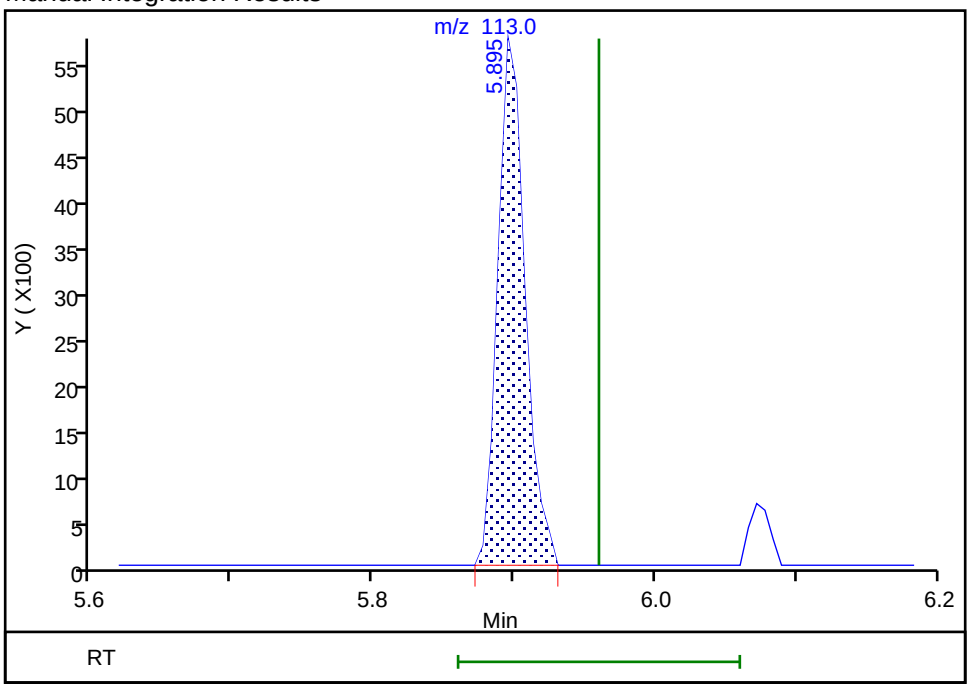
Not Detected
Expected RT: 5.96

Processing Integration Results



Manual Integration Results

RT: 5.90
Area: 7636
Amount: 1.969956
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

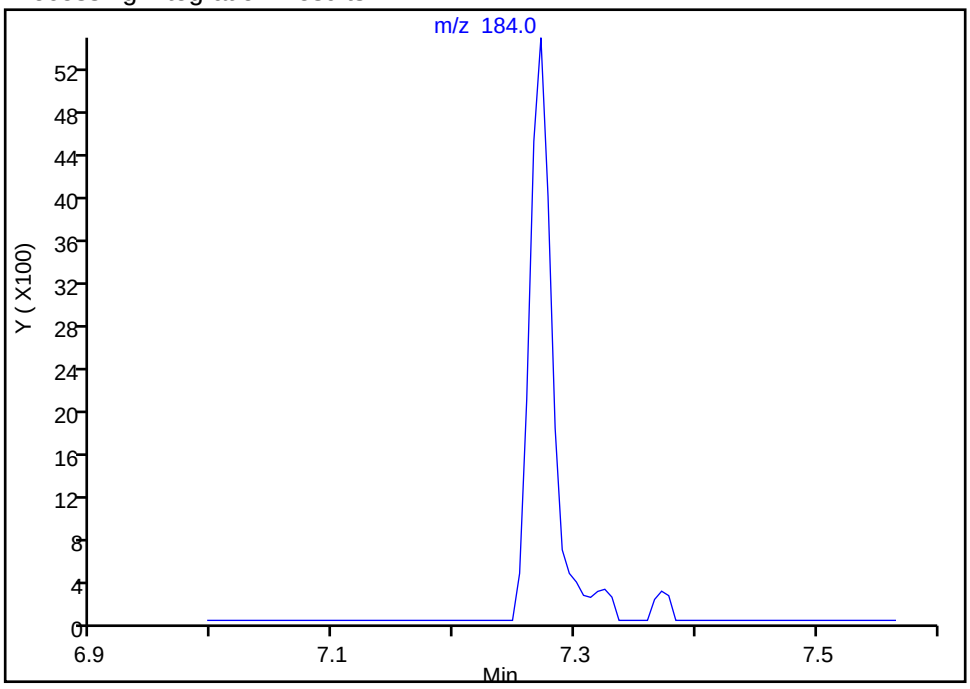
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57326.d
Injection Date: 12-Aug-2020 18:14:30 Instrument ID: CBNAMS11
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

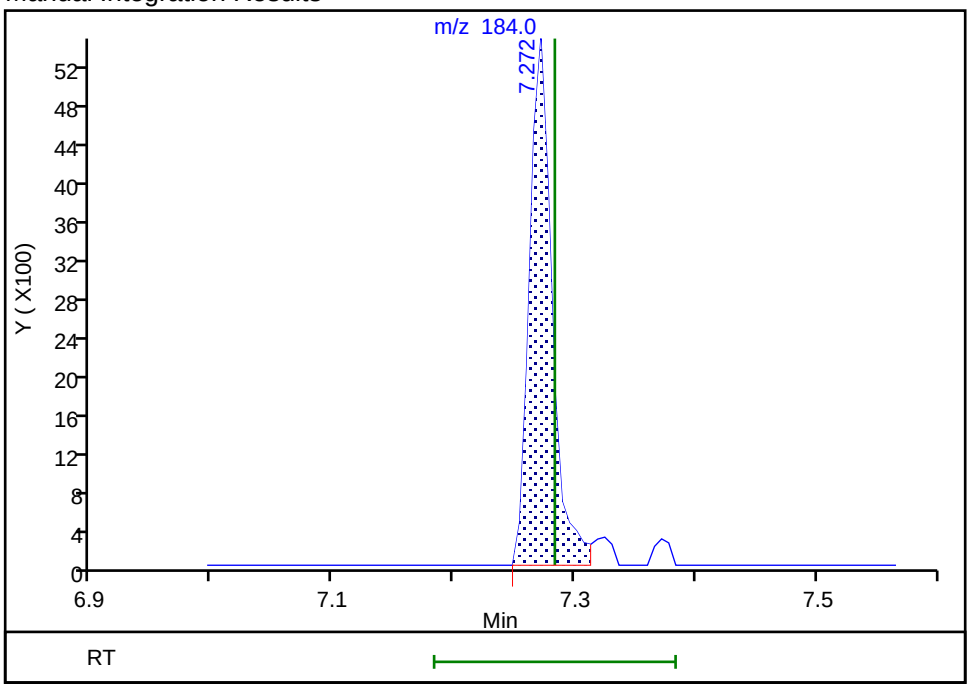
Not Detected
Expected RT: 7.28

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 7151
Amount: 4.096921
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

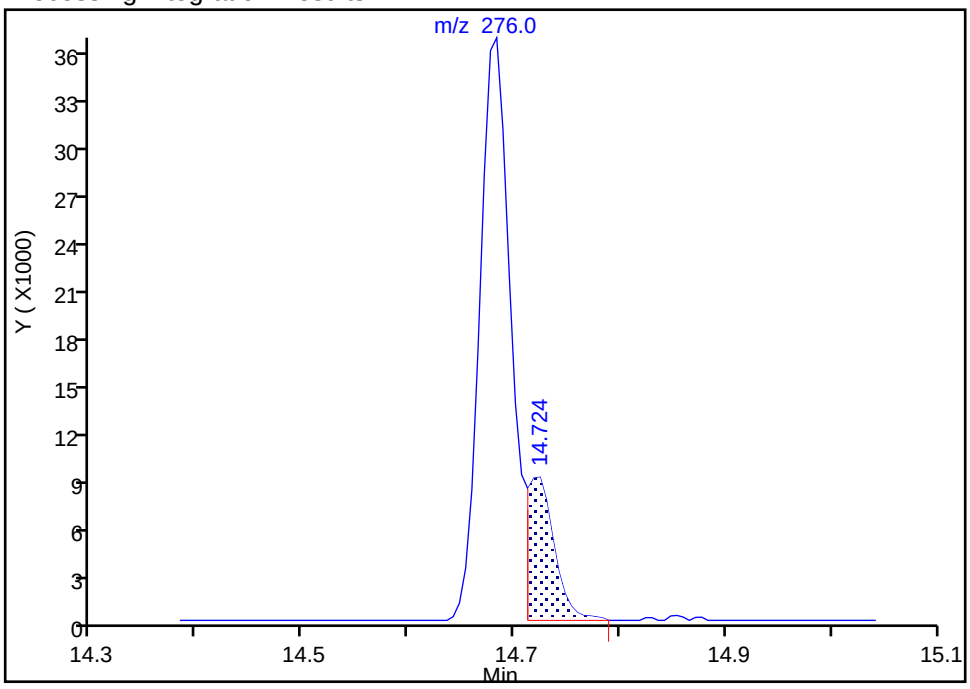
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57326.d				
Injection Date:	12-Aug-2020 18:14:30	Instrument ID:	CBNAMS11		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

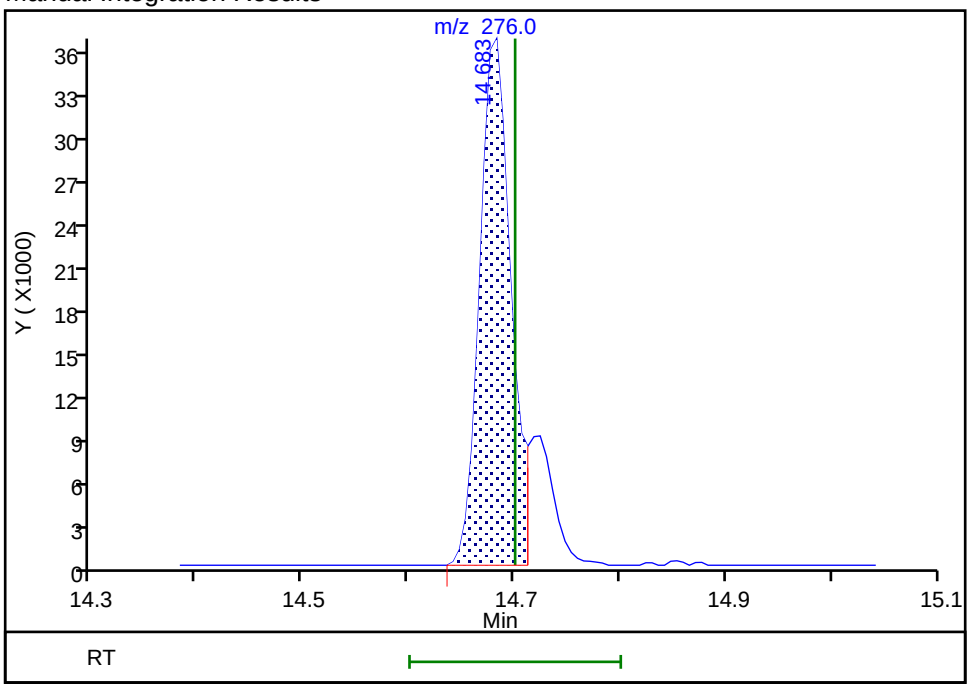
Processing Integration Results

RT: 14.72
Area: 16280
Amount: 1.151716
Amount Units: ug/ml



Manual Integration Results

RT: 14.68
Area: 75692
Amount: 1.918431
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:21

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57327.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Aug-2020 18:38:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:53:04 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:28:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.760	1.754	0.006	85	5466	1.00	0.8656	
$ 4 2-Fluorophenol	112	3.054	3.054	0.000	86	15427	1.00	0.9879	
5 Benzaldehyde	77	3.878	3.878	0.000	89	13398	1.00	0.9599	
$ 6 Phenol-d5	99	3.931	3.948	-0.017	97	20087	1.00	0.9846	
9 Bis(2-chloroethyl)ether	93	4.043	4.054	-0.011	88	14335	1.00	0.8762	
* 14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	98	475000	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.690	4.707	-0.017	91	14010	1.00	1.07	
25 Hexachloroethane	117	4.795	4.801	-0.006	90	7209	1.00	1.03	
$ 26 Nitrobenzene-d5	82	4.837	4.842	-0.005	94	19234	1.00	0.99	
27 Nitrobenzene	123	4.854	4.860	-0.006	86	7540	1.00	0.9376	
28 n,n'-Dimethylaniline	120	4.860	4.866	-0.006	92	23356	1.00	0.9402	a
37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	94	15476	1.00	0.9666	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	100	1805203	40.0	40.0	
41 Hexachlorobutadiene	225	5.689	5.689	0.000	95	9563	1.00	0.9136	
42 Caprolactam	113	5.895	5.960	-0.065	81	3903	1.00	0.9526	a
$ 51 2-Fluorobiphenyl	172	6.578	6.577	0.001	98	38973	1.00	1.06	
60 2,6-Dinitrotoluene	165	7.013	7.025	-0.012	89	6716	1.00	0.8504	
* 65 Acenaphthene-d10	164	7.225	7.225	0.001	96	986354	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.395	7.407	-0.012	89	9044	1.00	0.8600	a
$ 80 2,4,6-Tribromophenol	330	7.972	7.977	-0.005	93	5824	1.00	0.9307	
82 Hexachlorobenzene	284	8.272	8.277	-0.005	94	12092	1.00	0.99	
83 Atrazine	200	8.366	8.377	-0.011	92	9117	1.00	0.9252	
* 87 Phenanthrene-d10	188	8.636	8.636	0.000	98	1728789	40.0	40.0	
$ 96 Terphenyl-d14	244	10.166	10.165	0.001	99	39550	1.00	0.9898	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	97	50352	1.00	0.9701	
* 102 Chrysene-d12	240	11.277	11.277	0.000	99	1455013	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.618	12.630	-0.012	97	43922	1.00	0.9147	
107 Benzo[k]fluoranthene	252	12.654	12.671	-0.017	97	46512	1.00	0.9775	
108 Benzo[a]pyrene	252	13.065	13.071	-0.006	98	36550	1.00	0.9085	
* 109 Perylene-d12	264	13.160	13.154	0.006	100	1520020	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.683	14.700	-0.017	97	38891	1.00	0.9240	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
111 Dibenz(a,h)anthracene	278	14.724	14.742	-0.018	96	36691	1.00	0.9082	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L2_00001 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:53:04 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57327.d

Injection Date: 12-Aug-2020 18:38:30 Instrument ID: CBNAMS11 Operator ID:

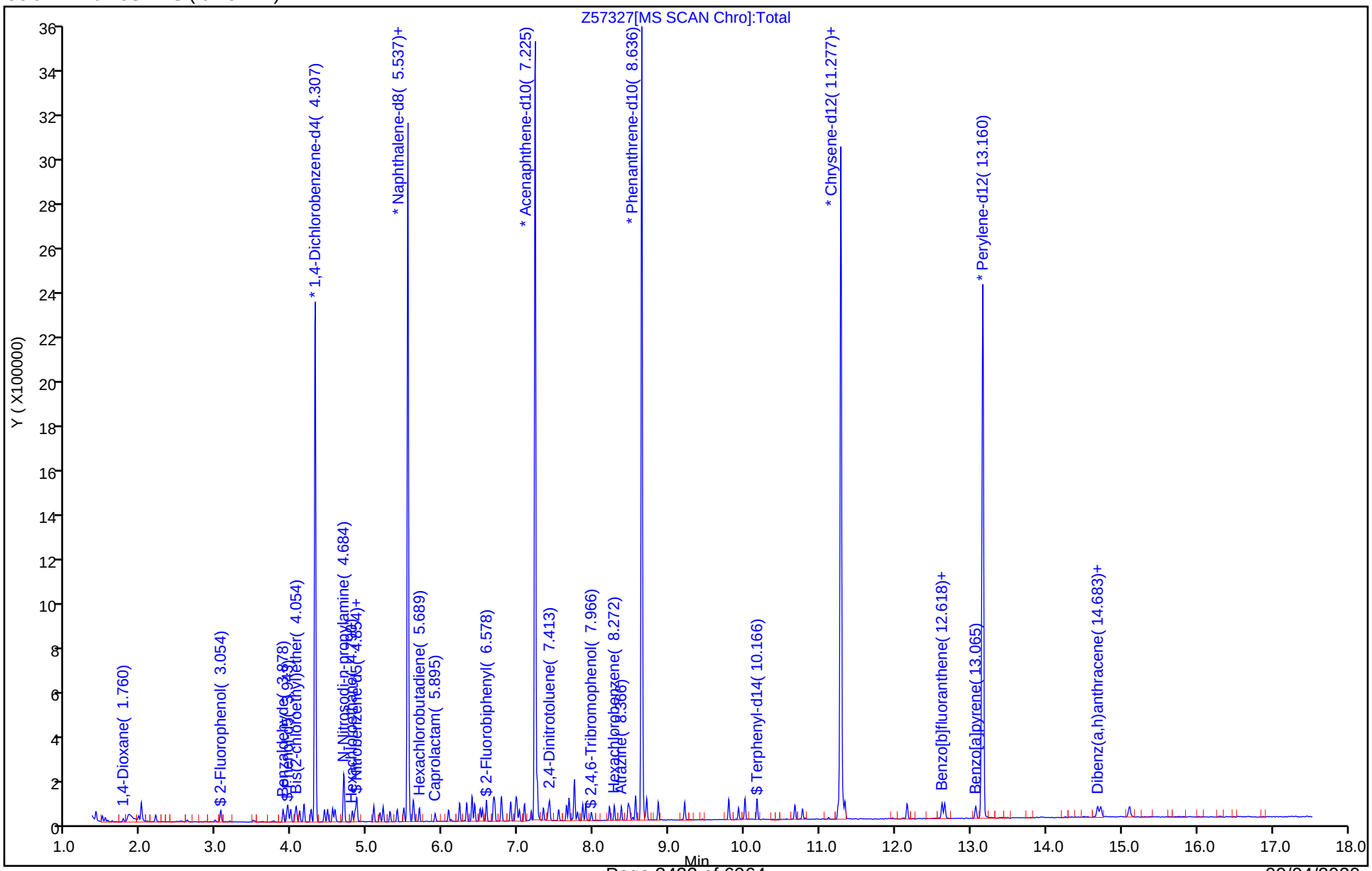
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

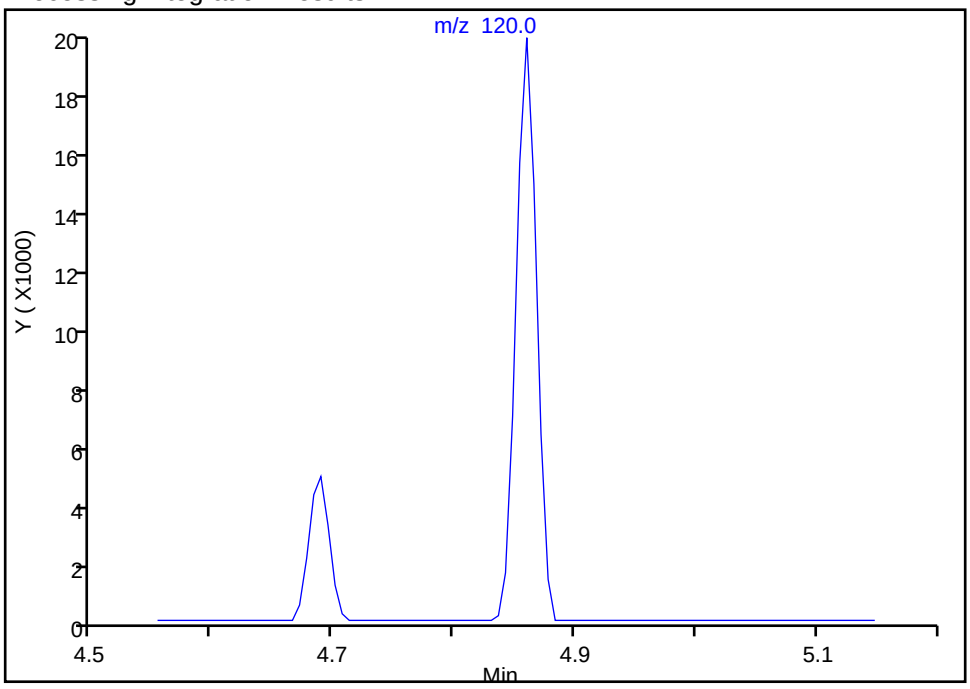
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57327.d				
Injection Date:	12-Aug-2020 18:38:30	Instrument ID:	CBNAMS11		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

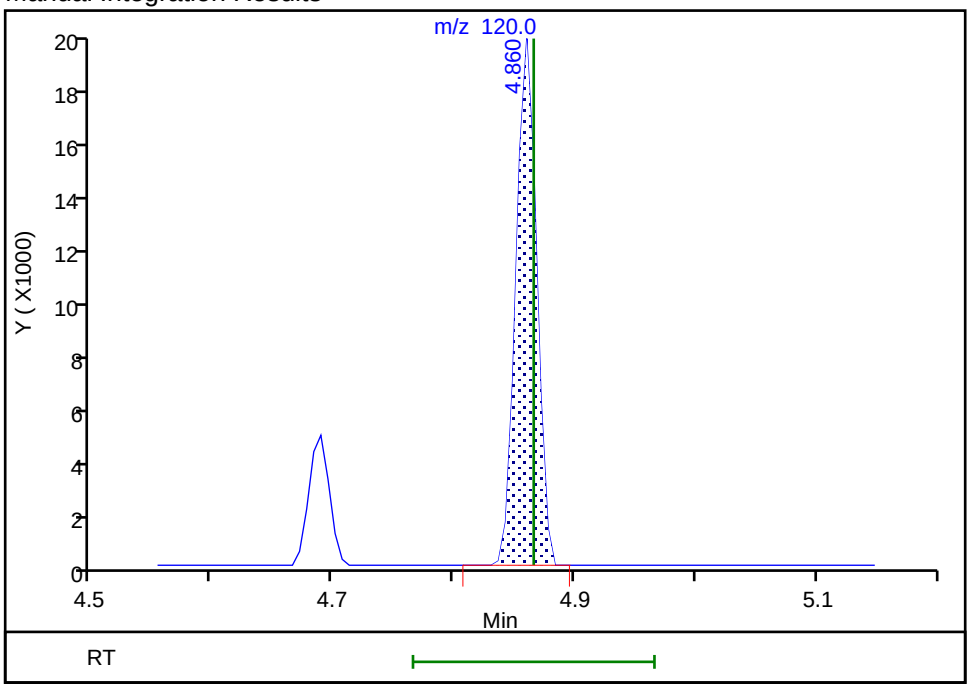
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 23356
Amount: 0.940238
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

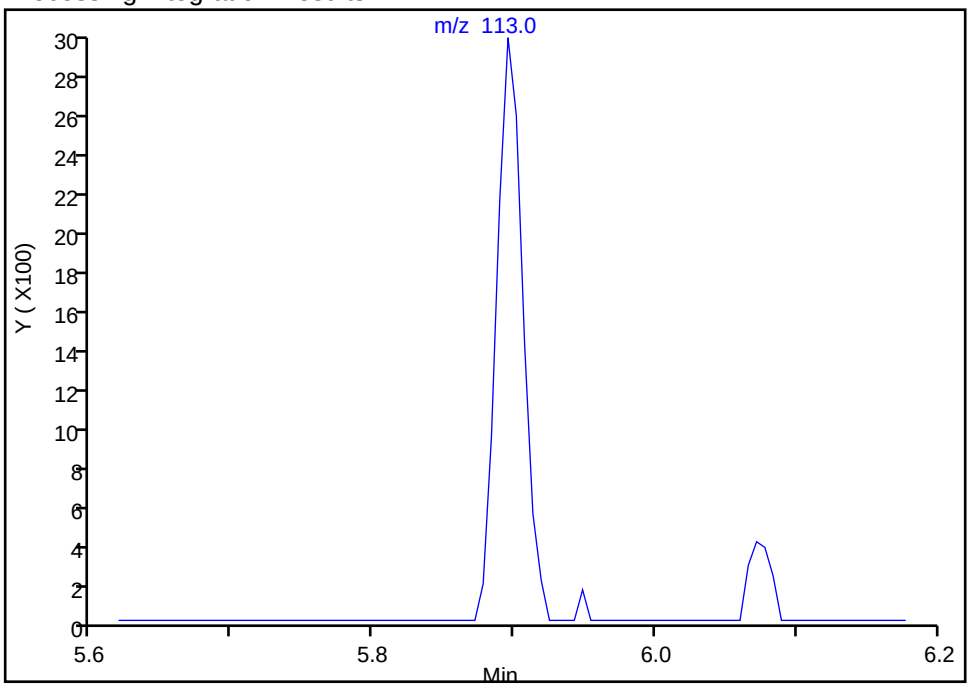
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57327.d				
Injection Date:	12-Aug-2020 18:38:30	Instrument ID:	CBNAMS11		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

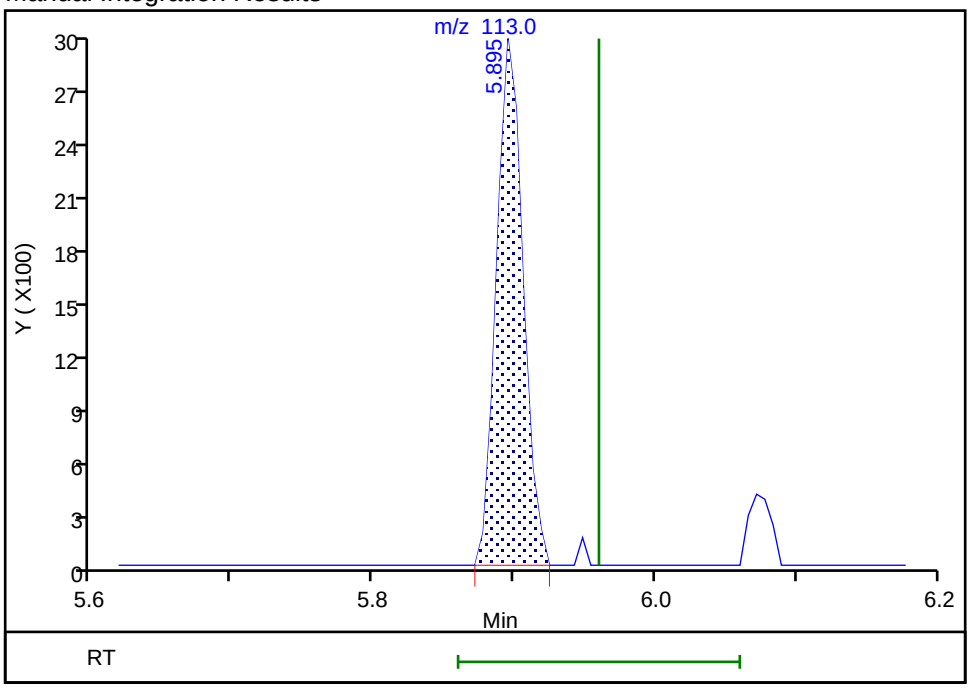
Processing Integration Results

Not Detected
Expected RT: 5.96



Manual Integration Results

RT: 5.90
Area: 3903
Amount: 0.952562
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

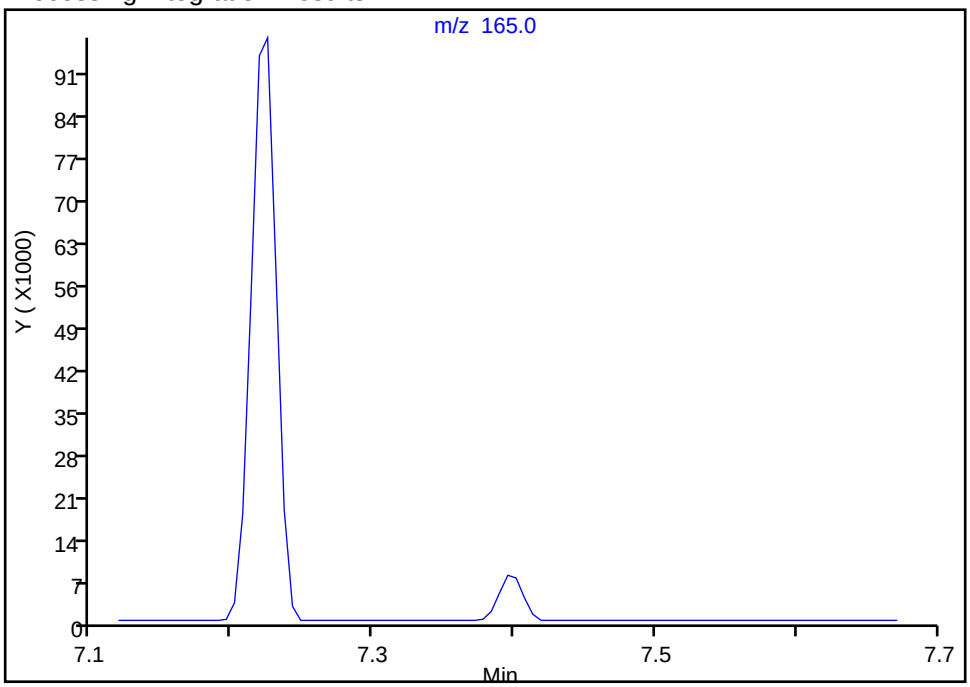
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57327.d				
Injection Date:	12-Aug-2020 18:38:30	Instrument ID:	CBNAMS11		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

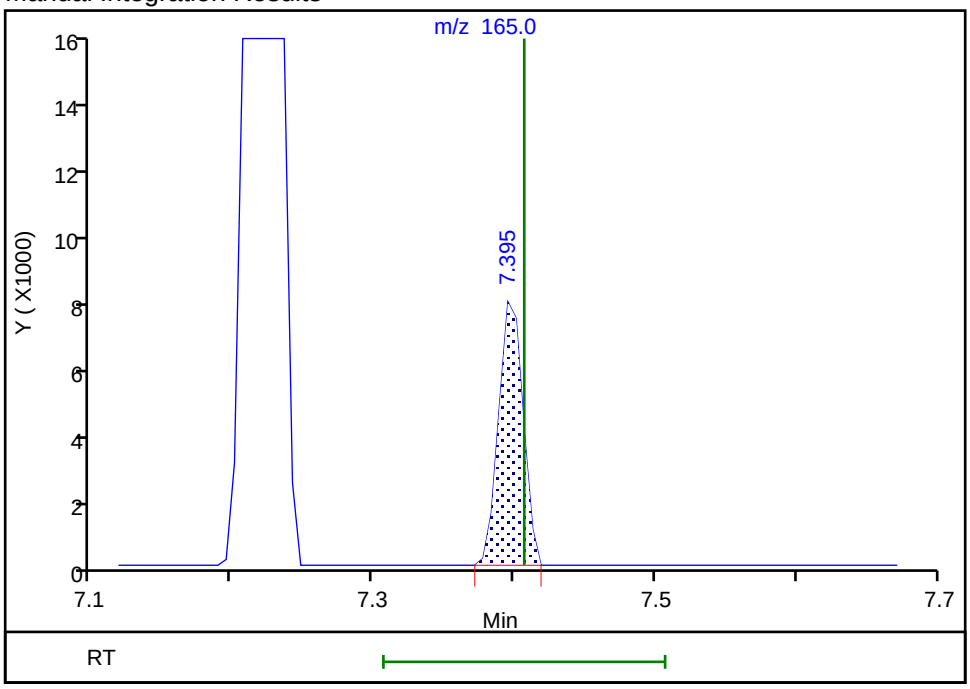
Not Detected
Expected RT: 7.41

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 9044
Amount: 0.860010
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

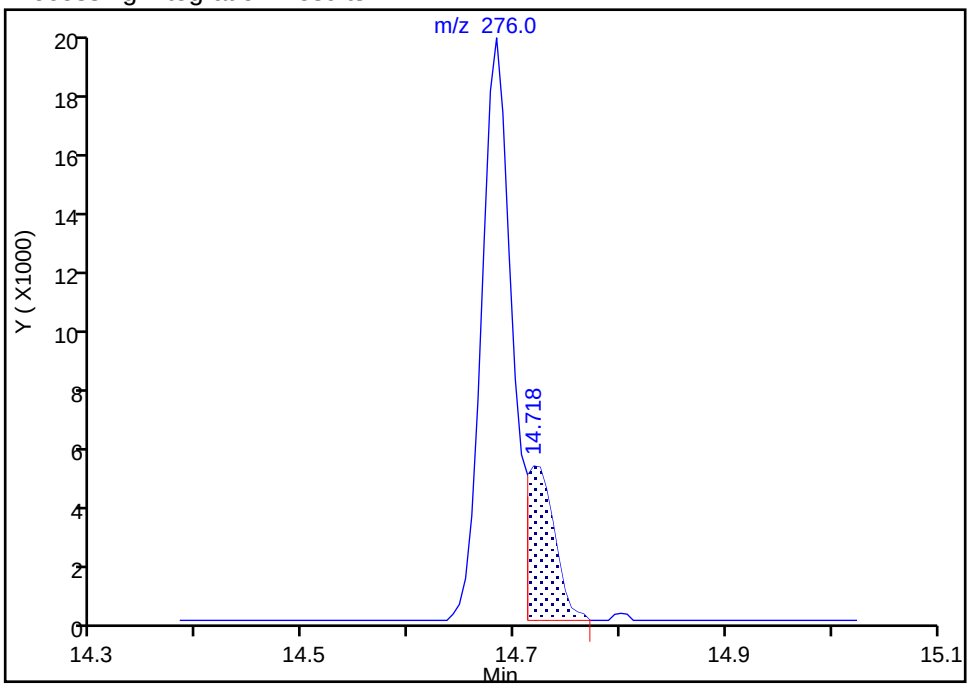
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57327.d				
Injection Date:	12-Aug-2020 18:38:30	Instrument ID:	CBNAMS11		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

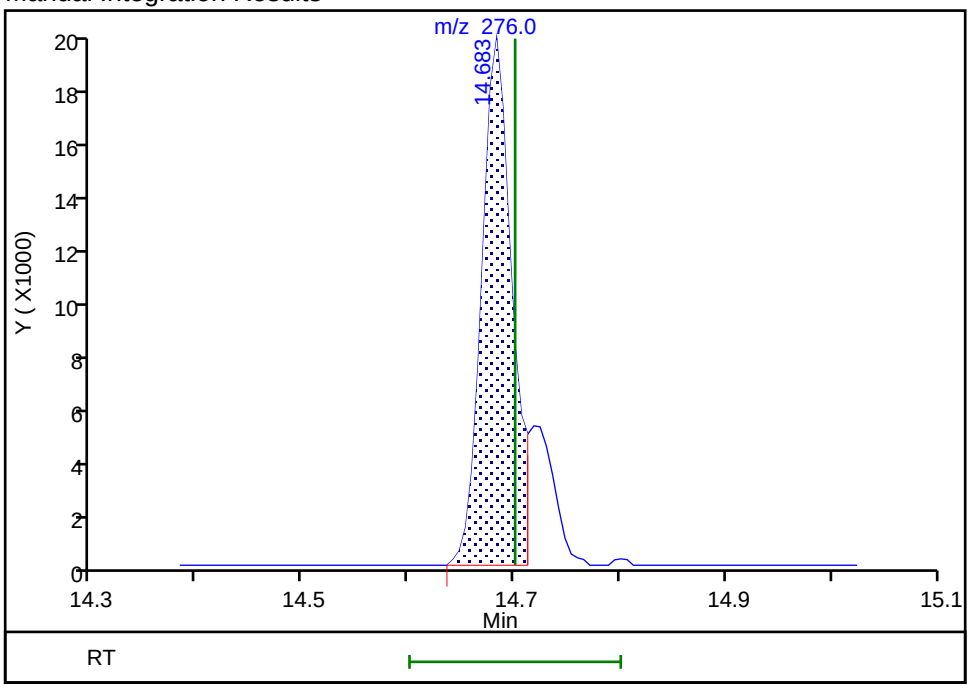
Processing Integration Results

RT: 14.72
Area: 9451
Amount: 0.578154
Amount Units: ug/ml



Manual Integration Results

RT: 14.68
Area: 38891
Amount: 0.923961
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:28:41

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Aug-2020 19:02:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:53:06 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:29:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.760	1.754	0.006	89	3182	0.5000	0.5253	
9 Bis(2-chloroethyl)ether	93	4.043	4.054	-0.011	88	7640	0.5000	0.4869	
* 14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	98	455621	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.690	4.707	-0.017	89	6292	0.5000	0.5032	
25 Hexachloroethane	117	4.795	4.801	-0.006	88	3065	0.5000	0.4579	
$ 26 Nitrobenzene-d5	82	4.837	4.842	-0.005	94	8830	0.5000	0.4736	
27 Nitrobenzene	123	4.854	4.860	-0.006	92	3958	0.5000	0.5131	
28 n,n'-Dimethylaniline	120	4.860	4.866	-0.006	96	12304	0.5000	0.5164	Ma
37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	93	7432	0.5000	0.4822	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	100	1737874	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.578	6.577	0.001	94	16400	0.5000	0.4711	
* 65 Acenaphthene-d10	164	7.225	7.225	0.001	96	930421	40.0	40.0	
82 Hexachlorobenzene	284	8.272	8.277	-0.005	93	5789	0.5000	0.4948	
* 87 Phenanthrene-d10	188	8.636	8.636	0.000	98	1660664	40.0	40.0	
$ 96 Terphenyl-d14	244	10.166	10.165	0.001	98	18082	0.5000	0.4805	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	95	26033	0.5000	0.5326	
* 102 Chrysene-d12	240	11.277	11.277	0.000	99	1370205	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.618	12.630	-0.012	97	20476	0.5000	0.4499	
107 Benzo[k]fluoranthene	252	12.654	12.671	-0.017	98	22016	0.5000	0.4881	
108 Benzo[a]pyrene	252	13.065	13.071	-0.006	97	18597	0.5000	0.4876	
* 109 Perylene-d12	264	13.160	13.154	0.006	100	1440876	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.683	14.700	-0.017	97	18037	0.5000	0.4521	
111 Dibenz(a,h)anthracene	278	14.724	14.742	-0.018	96	17622	0.5000	0.4602	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L1_00001 Amount Added: 1.00 Units: mL

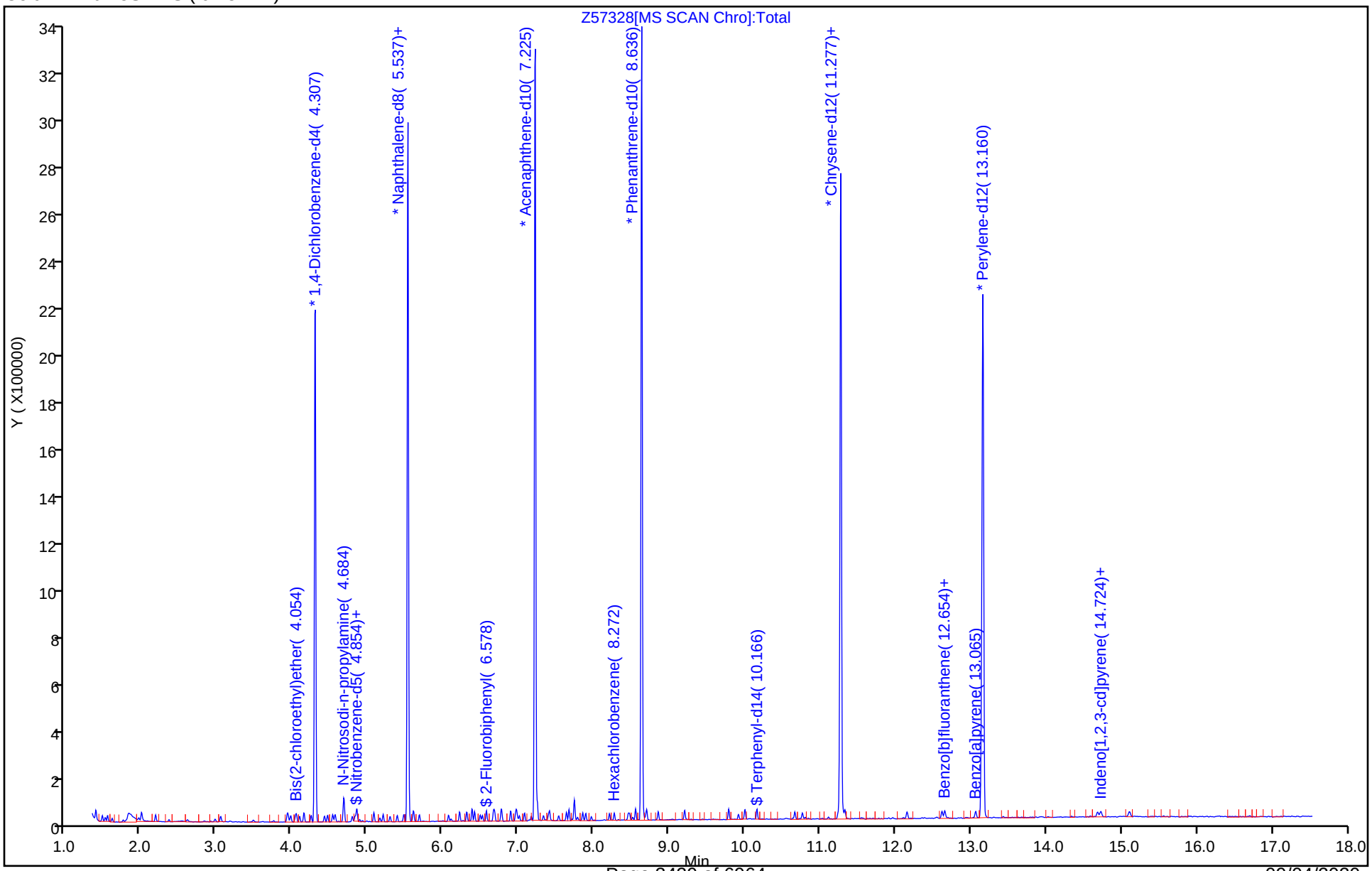
Report Date: 13-Aug-2020 07:53:07 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Injection Date:	12-Aug-2020 19:02:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

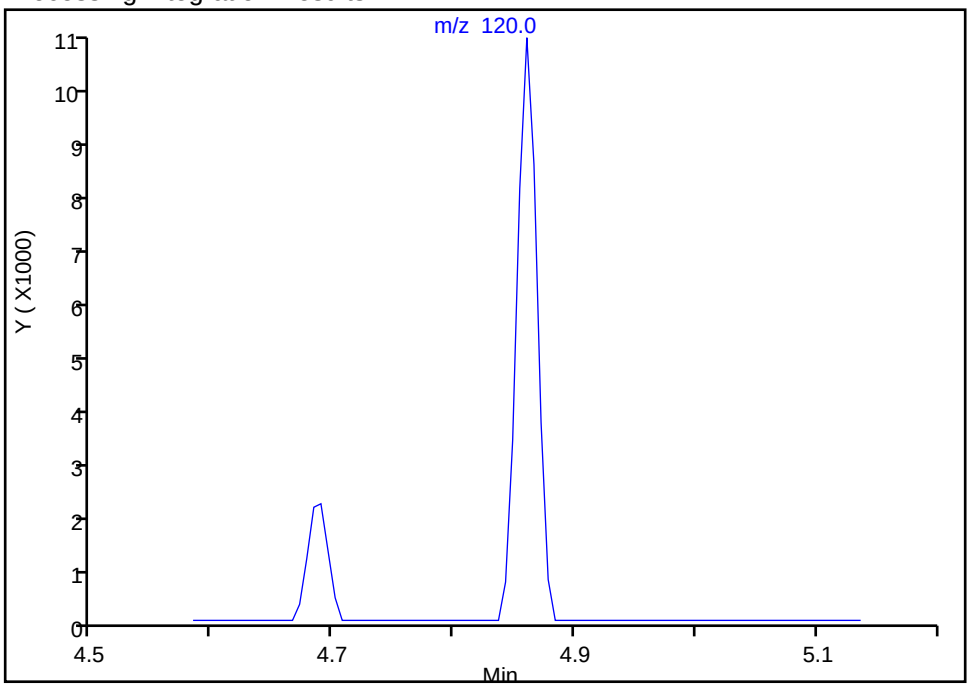
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d
Injection Date: 12-Aug-2020 19:02:30 Instrument ID: CBNAMS11
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

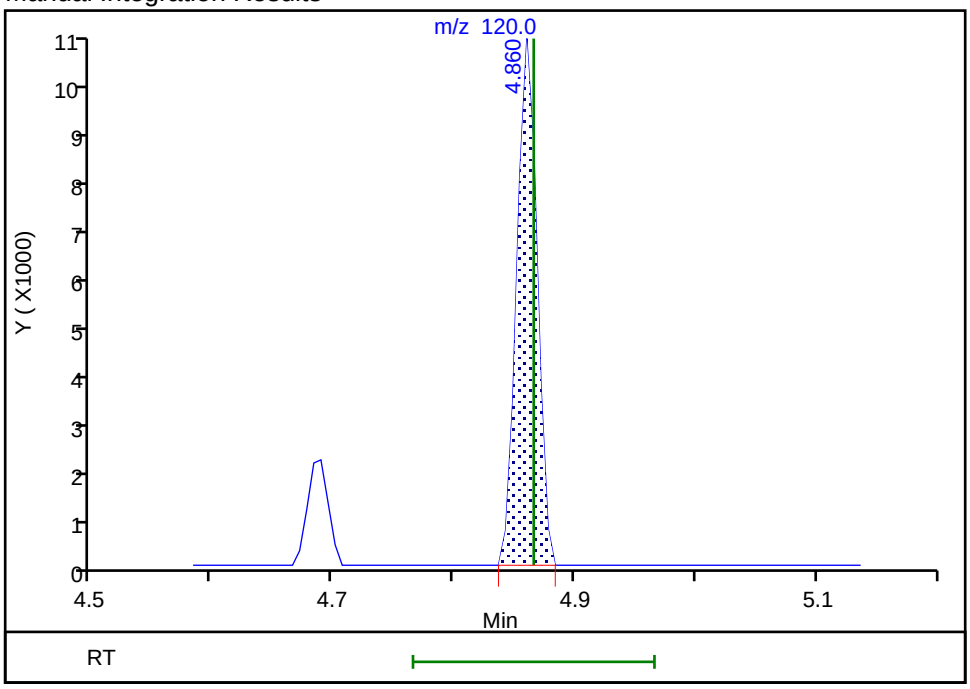
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 12304
Amount: 0.516387
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:29:06
Audit Action: Manually Integrated Audit Reason: Missed Peak

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-712337/10	L32316.d
Level 2	STD1 460-712337/9	L32315.d
Level 3	STD2 460-712337/8	L32314.d
Level 4	STD5 460-712337/7	L32313.d
Level 5	STD10 460-712337/6	L32312.d
Level 6	STD20 460-712337/5	L32311.d
Level 7	ICIS 460-712337/2	L32308.d
Level 8	STD80 460-712337/4	L32310.d
Level 9	STD120 460-712337/3	L32309.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4657 0.5071	0.4593 0.5126	0.5192 0.4861	0.5154 0.5035	0.5086	Ave		0.4975				4.4		20.0			
N-Nitrosodimethylamine	0.8234	0.8297	0.8093	0.8074 0.8291	0.8364	Ave		0.8226				1.4		20.0			
Pyridine	1.3421	1.3714	1.3301	1.3784 1.3627	1.4165	Ave		1.3669				2.2		20.0			
Benzaldehyde	1.0775	1.1841 +++++	1.1554 +++++	1.2034 +++++	1.1632	Ave		1.1567			0.0100	4.2		20.0			
Phenol	1.7043	1.7768	1.8283	1.7570 1.8722	1.7843	Ave		1.7872			0.8000	3.2		20.0			
Aniline	2.1597	2.2081	2.1398	2.2067 2.1757	2.2727	Ave		2.1938				2.1		20.0			
Bis(2-chloroethyl)ether	1.3375 1.3396	1.2878 1.3351	1.2914 1.2846	1.3685 1.2952	1.3990	Ave		1.3265			0.7000	3.0		20.0			
2-Chlorophenol	1.3836	1.3727	1.3458	1.3726 1.3479	1.4188	Ave		1.3736			0.8000	1.9		20.0			
n-Decane	2.0380	2.0138	1.8850	2.0731 1.8122	2.1234	Ave		1.9909				6.0		20.0			
1,3-Dichlorobenzene	1.5225	1.5171	1.4804	1.5972 1.4457	1.5901	Ave		1.5255				3.9		20.0			
1,4-Dichlorobenzene	1.5426	1.5203	1.4769	1.5962 1.4703	1.5961	Ave		1.5337				3.6		20.0			
Benzyl alcohol	0.8670	0.8822	0.8613	0.8580 0.8872	0.8972	Ave		0.8755				1.8		20.0			
1,2-Dichlorobenzene	1.4639	1.4412	1.3901	1.4774 1.3922	1.5457	Ave		1.4517				4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.2091	1.2041	1.1676	1.2246 1.1938	1.2443	Ave		1.2073			0.7000	2.2		20.0			
2,2'-oxybis[1-chloropropane]	2.6514	2.6425	2.5000	2.8533 2.4677	2.8342	Ave		2.6582			0.0100	6.1		20.0			
N-Methylaniline	2.1242	2.1099	2.0830	2.1207 2.1413	2.1598	Ave		2.1232				1.2		20.0			
3 & 4 Methylphenol	1.4002	1.3674	1.3384	1.4656 1.3278	1.4416	Ave		1.3902				4.0		20.0			
4-Methylphenol	1.4002	1.3674	1.3384	1.4656 1.3278	1.4416	Ave		1.3902			0.6000	4.0		20.0			
N-Nitrosodi-n-propylamine	1.0802 1.0423	1.0708 1.0078	1.0342 0.9706	1.0424 0.9849	1.0697	Ave		1.0337			0.5000	3.8		20.0			
Acetophenone	1.9071	1.8360	1.8030	1.9738 1.7605	1.9804	Ave		1.8768			0.0100	4.9		20.0			
Hexachloroethane	0.5366 0.5647	0.4593 0.5671	0.5487 0.5432	0.5749 0.5333	0.5919	Ave		0.5466			0.3000	6.9		20.0			
Nitrobenzene	0.6222 0.6380	0.5400 0.6225	0.6169 0.6123	0.6430 0.6038	0.6842	Ave		0.6203			0.2000	6.2		20.0			
n,n'-Dimethylaniline	2.1110 1.9997	2.1567 1.9818	1.9124 1.9469	2.0314 1.9530	2.0556	Ave		2.0165				4.0		20.0			
Isophorone	0.6949	0.6916	0.6495 0.6689	0.7218 0.6569	0.7252	Ave		0.6870			0.4000	4.4		20.0			
2-Nitrophenol	0.1710	0.1794	0.1780	0.1542 0.1719	0.1730	Ave		0.1712			0.1000	5.3		20.0			
2,4-Dimethylphenol	0.3096	0.3121	0.3054	0.3131 0.2953	0.3176	Ave		0.3089			0.2000	2.5		20.0			
Benzoic acid	0.1746	0.1863	0.1950	0.0866 0.1992	0.1417	Lin2	-0.579	0.2016			0.0100	1.3			1.0000		0.9900
Bis(2-chloroethoxy)methane	0.4287	0.4340	0.4157	0.4319 0.4049	0.4531	Ave		0.4281			0.3000	3.9		20.0			
2,4-Dichlorophenol	0.2998	0.3003	0.2521 0.2945	0.2984 0.2884	0.3017	Ave		0.2907			0.2000	6.1		20.0			
1,2,4-Trichlorobenzene	0.2910 0.3317	0.3403 0.3254	0.3309 0.3163	0.3323 0.3030	0.3453	Ave		0.3240				5.4		20.0			
Naphthalene	1.0373	1.0080	0.9928	1.0603 0.9476	1.0650	Ave		1.0185			0.7000	4.4		20.0			
4-Chloroaniline	0.4428	0.4430	0.4291	0.4502 0.4142	0.4644	Ave		0.4406			0.0100	3.9		20.0			
Hexachlorobutadiene	0.1789	0.1705 0.1788	0.1914 0.1743	0.1814 0.1658	0.1878	Ave		0.1786			0.0100	4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.1003	0.0622 0.0992	0.0745 0.0971	0.0873 0.0854	0.0999	Ave		0.0882			0.0100	15.8		20.0			
4-Chloro-3-methylphenol	0.3056	0.3028	0.3016	0.3067 0.2919	0.3071	Ave		0.3026			0.2000	1.9		20.0			
2-Methylnaphthalene	0.7057	0.7129	0.6915	0.7322 0.6589	0.7503	Ave		0.7086			0.4000	4.5		20.0			
1-Methylnaphthalene	0.6653	0.6657	0.6469	0.6689 0.6182	0.6961	Ave		0.6602				3.9		20.0			
Hexachlorocyclopentadiene	0.4054	0.4504	0.4206	0.4004 0.4123	0.4197	Ave		0.4181			0.0500	4.2		20.0			
1,2,4,5-Tetrachlorobenzene	0.6329	0.6370	0.6190	0.6451 0.5893	0.6545	Ave		0.6296			0.0100	3.7		20.0			
2-tertbutyl-4-methylphenol	0.4520	0.4481	0.4373	0.4160 0.4306	0.4472	Ave		0.4385				3.1		20.0			
2,4,6-Trichlorophenol	0.4254	0.4242	0.3603 0.4091	0.4104 0.4209	0.4427	Ave		0.4133			0.2000	6.3		20.0			
2,4,5-Trichlorophenol	0.4557	0.4837	0.4838	0.4446 0.4502	0.4664	Ave		0.4641			0.2000	3.6		20.0			
1,1'-Biphenyl	1.6865	1.6697	1.6241	1.7285 1.5251	1.7790	Ave		1.6688			0.0100	5.3		20.0			
2-Chloronaphthalene	1.2532	1.2573	1.2242	1.3229 1.1737	1.3296	Ave		1.2602			0.8000	4.7		20.0			
Phenyl ether	0.8653	0.8618	0.8636	0.8767 0.8455	0.8863	Ave		0.8665				1.6		20.0			
2-Nitroaniline	0.4862	0.4869	0.4912	0.4784 0.4833	0.4898	Ave		0.4860			0.0100	1.0		20.0			
1,3-Dimethylnaphthalene	1.0066	0.9887	0.9754	1.0176 0.9570	1.0040	Ave		0.9916				2.3		20.0			
Dimethyl phthalate	1.4869	1.4445	1.4122	1.4901 1.3618	1.5538	Ave		1.4582			0.0100	4.6		20.0			
Coumarin	0.2543	0.2518	0.2518	0.2448 0.2542	0.2622	Ave		0.2532				2.2		20.0			
2,6-Dinitrotoluene	0.3045	0.2308 0.3107	0.2592 0.3091	0.2952 0.3078	0.3116	Ave		0.2911			0.2000	10.3		20.0			
Acenaphthylene	2.0480	2.0355	1.9829	2.1484 1.8966	2.1878	Ave		2.0499			0.9000	5.2		20.0			
3-Nitroaniline	0.3694	0.3620	0.3668	0.3354 0.3585	0.3604	Ave		0.3587			0.0100	3.4		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0758	1.0741	1.0517	1.0648 1.0236	1.0948	Ave		1.0641				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	1.3376	1.3395	1.3266	1.3636 1.1726	1.3718	Ave		1.3186			0.9000	5.6		20.0			
2,4-Dinitrophenol	0.1266	0.1578	0.0396 0.1682	0.0828 0.1719	0.1076	Qua	-0.908	0.1609	0.0000645		0.0100	33.2			0.9990		0.9900
4-Nitrophenol	0.3050	0.2964	0.3010	0.2668 0.3010	0.2970	Ave		0.2945			0.0100	4.7		20.0			
2,4-Dinitrotoluene	0.4052	0.3029 0.4063	0.3309 0.4114	0.3716 0.4086	0.4091	Ave		0.3807			0.2000	11.1		20.0			
Dibenzofuran	1.8449	1.8559	1.7848	1.9678 1.7050	1.9682	Ave		1.8544			0.8000	5.6		20.0			
2,3,4,6-Tetrachlorophenol	0.3525	0.3651	0.3669	0.3419 0.3561	0.3591	Ave		0.3569			0.0100	2.6		20.0			
Diethyl phthalate	1.5821	1.5473	1.4904	1.6232 1.4858	1.6590	Ave		1.5646			0.0100	4.5		20.0			
4-Chlorophenyl phenyl ether	0.6884	0.6669	0.6364	0.6903 0.6123	0.7268	Ave		0.6702			0.4000	6.1		20.0			
Fluorene	1.5084	1.4707	1.4315	1.5565 1.3599	1.5703	Ave		1.4829			0.9000	5.4		20.0			
4-Nitroaniline	0.3613	0.3749	0.3786	0.3551 0.3749	0.3627	Ave		0.3679			0.0100	2.6		20.0			
4,6-Dinitro-2-methylphenol	0.0944	0.1054	0.0399 0.1117	0.0618 0.1119	0.0853	Lin2	-0.292	0.1058			0.0100	8.9			0.9910		0.9900
N-Nitrosodiphenylamine	0.5801	0.5729	0.5611	0.5978 0.5409	0.6149	Ave		0.5779			0.0100	4.5		20.0			
1,2-Diphenylhydrazine	0.7857	0.7854	0.7686	0.8390 0.7380	0.8356	Ave		0.7920				4.9		20.0			
4-Bromophenyl phenyl ether	0.2239	0.2291	0.2195	0.2310 0.2121	0.2366	Ave		0.2254			0.1000	3.9		20.0			
Hexachlorobenzene	0.2134 0.2496	0.2791 0.2483	0.2617 0.2411	0.2546 0.2346	0.2647	Ave		0.2497			0.1000	7.6		20.0			
Atrazine	0.2142	0.1882 0.2100	0.1823 0.2131	0.2059 0.2091	0.2135	Ave		0.2045			0.0100	6.0		20.0			
Pentachlorophenol	0.1414	0.1514	0.0951 0.1516	0.1269 0.1502	0.1420	Ave		0.1369			0.0500	14.9		20.0			
Pentachloronitrobenzene	0.1001	0.0980	0.1021	0.0896 0.0997	0.0976	Ave		0.0978			0.0100	4.4		20.0			
n-Octadecane	0.7522	0.7432	0.7077	0.7727 0.6579	0.7887	Ave		0.7371				6.5		20.0			
Phenanthrene	1.1542	1.1446	1.1164	1.2079 1.0782	1.2018	Ave		1.1505			0.7000	4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Anthracene	1.2002	1.1806	1.1614	1.2284 1.1247	1.2584	Ave		1.1923			0.7000	4.0		20.0			
Carbazole	1.1520	1.1154	1.1007	1.1585 1.0468	1.1949	Ave		1.1280			0.0100	4.6		20.0			
Di-n-butyl phthalate	1.4574	1.4364	1.3948	1.4376 1.3243	1.5230	Ave		1.4289			0.0100	4.6		20.0			
Fluoranthene	1.3399	1.2952	1.2916	1.3526 1.2362	1.3931	Ave		1.3181			0.6000	4.2		20.0			
Benzidine	0.7558	0.7572	0.7481	0.7633 0.7301	0.7867	Ave		0.7569				2.5		20.0			
Pyrene	1.5923	1.5655	1.5351	1.6151 1.4971	1.7180	Ave		1.5872			0.6000	4.8		20.0			
Bisphenol-A	0.5832	0.6272	0.6434	0.4707 0.6433	0.5540	Ave		0.5870				11.5		20.0			
Butyl benzyl phthalate	0.6803	0.7055	0.6813	0.5946 0.6719	0.6721	Ave		0.6676			0.0100	5.7		20.0			
2,3,7,8-TCDD		0.2024				Ave		0.2024						20.0			
Carbamazepine	0.5844	0.6054	0.6380	0.4634 0.6480	0.5183	Ave		0.5762				12.5		20.0			
3,3'-Dichlorobenzidine	0.5418	0.5313	0.4528 0.5362	0.4969 0.5286	0.5289	Ave		0.5166			0.0100	6.1		20.0			
Benzo[a]anthracene	1.4657 1.4047	1.4536 1.4160	1.3745 1.3736	1.4711 1.3681	1.4715	Ave		1.4221			0.8000	3.1		20.0			
Chrysene	1.3903	1.3448	1.3131	1.4047 1.2436	1.4277	Ave		1.3540			0.7000	5.0		20.0			
Bis(2-ethylhexyl) phthalate	1.0073	1.0323	0.9934	0.9236 0.9597	1.0420	Ave		0.9931			0.0100	4.5		20.0			
Di-n-octyl phthalate	1.5049	1.5354	1.4685	1.3473 1.4136	1.5014	Ave		1.4618			0.0100	4.8		20.0			
Benzo[b]fluoranthene	1.0432 1.2297	1.0698 1.2315	1.0940 1.1624	1.2496 1.1791	1.2667	Ave		1.1695			0.7000	7.1		20.0			
Benzo[k]fluoranthene	1.1603 1.2601	1.2432 1.2247	1.3200 1.2317	1.2792 1.1632	1.3340	Ave		1.2463			0.7000	4.9		20.0			
Benzo[a]pyrene	0.9690 1.0808	0.9234 1.0789	1.0289 1.0584	1.0654 1.0382	1.1186	Ave		1.0402			0.7000	5.8		20.0			
Indeno[1,2,3-cd]pyrene	0.8533 1.1425	0.9735 1.2261	1.0136 1.2217	1.0565 1.1935	1.1602	Ave		1.0934			0.5000	11.7		20.0			
Dibenz(a,h)anthracene	0.9050 1.1534	0.8170 1.1819	1.0191 1.1756	1.1212 1.1123	1.1827	Ave		1.0742			0.4000	12.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzo[g,h,i]perylene	1.2043	1.2099	1.2096	1.2092 1.1608	1.2381	Ave		1.2053			0.5000	2.1		20.0			
2-Fluorophenol (Surr)	1.2699	1.3304 1.3479	1.2892 1.3582	1.3438 1.4052	1.3022	Ave		1.3308				3.2		20.0			
Phenol-d5 (Surr)	1.6119	1.6578 1.7076	1.6551 1.7538	1.6422 1.8268	1.6892	Ave		1.6930				4.1		20.0			
Nitrobenzene-d5 (Surr)	0.3818 0.3731	0.3895 0.3861	0.4039 0.3849	0.3845 0.3735	0.3893	Ave		0.3852				2.4		20.0			
2-Fluorobiphenyl	1.6279 1.4729	1.5870 1.5139	1.6177 1.5222	1.5341 1.4626	1.5503	Ave		1.5432				3.8		20.0			
2,4,6-Tribromophenol (Surr)	0.2130	0.1509 0.2330	0.1788 0.2409	0.2078 0.2398	0.2191	Ave		0.2104				14.9		20.0			
Terphenyl-d14 (Surr)	1.0471 1.0080	1.0331 1.0266	1.0542 1.0337	1.0459 0.9960	1.0639	Ave		1.0343				2.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-712337/10	L32316.d
Level 2	STD1 460-712337/9	L32315.d
Level 3	STD2 460-712337/8	L32314.d
Level 4	STD5 460-712337/7	L32313.d
Level 5	STD10 460-712337/6	L32312.d
Level 6	STD20 460-712337/5	L32311.d
Level 7	ICIS 460-712337/2	L32308.d
Level 8	STD80 460-712337/4	L32310.d
Level 9	STD120 460-712337/3	L32309.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	735 30082	1497 83463	3379 118131	8511 195005	15623	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd 4	Ave	 48846	 135111	 196701	13331 321098	25692	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd 4	Ave	 159231	 446637	 646524	45519 1055454	87019	 40.0	 100	 160	10.0 240	20.0
Benzaldehyde	DCBd 4	Ave	 51132	3859 +++++	7520 +++++	19870 +++++	35730	 16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd 4	Ave	 101100	 289329	 444346	29011 725058	54809	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd 4	Ave	 128113	 359549	 520050	36436 842579	69810	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd 4	Ave	2111 79466	4197 217395	8405 312215	22596 501574	42973	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd 4	Ave	 82072	 223525	 327081	22665 521981	43583	 20.0	 50.0	 80.0	5.00 120	10.0
n-Decane	DCBd 4	Ave	 120895	 327919	 458113	34231 701808	65225	 20.0	 50.0	 80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	 90311	 247030	 359787	26373 559868	48842	 20.0	 50.0	 80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	 91506	 247556	 358936	26356 569390	49029	 20.0	 50.0	 80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	 51432	 143660	 209321	14167 343566	27558	 20.0	 50.0	 80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	 86835	 234676	 337851	24395 539153	47479	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	 71723	 196068	 283777	20220 462330	38223	 20.0	 50.0	 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	157282	430299	607597	47114 955650	87059	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	126009	343571	506234	35017 829270	66342	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	83059	222658	325287	24199 514204	44281	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	83059	222658	325287	24199 514204	44281	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1705 61828	3490 164108	6731 235887	17212 381407	32857	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	113129	298971	438204	32591 681793	60832	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCBd 4	Ave	847 33498	1497 92337	3571 132014	9493 206520	18183	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	982 37844	1760 101363	4015 148817	10617 233842	21016	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	3332 118619	7029 322704	12447 473164	33543 756343	63143	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	154591	421369	15754 604864	44770 991059	83543	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	38032	109286	160988	9565 259313	19926	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	68866	190177	276174	19424 445537	36584	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	38836	113495	176316	5369 300500	16319	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	95371	264413	375905	26793 610956	52194	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	66697	182948	6115 266306	18512 435106	34752	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	1737 73801	4166 198259	8027 285989	20610 457087	39775	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	230761	614161	897675	65770 1429740	122686	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	98512	269882	387986	27926 624913	53499	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	39796	2087 108967	4643 157602	11250 250086	21629	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	17859	762 24181	1806 26344	5414 34340	11511	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	67995	184473	272716	19027 440466	35373	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	156990	434363	625254	45418 994075	86428	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	148015	405569	584911	41492 932702	80191	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	46269	139409	194045	12384 319375	24631	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	72232	197171	285596	19950 456474	38409	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	100554	272994	395446	25804 649671	51515	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	48558	131294	4334 188743	12692 326017	25977	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	52014	149721	223221	13750 348741	27371	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	192491	516808	749345	53457 1181322	104394	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	143040	389161	564830	40913 909104	78024	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	98764	266728	398454	27113 654943	52011	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	55497	150695	226618	14794 374394	28740	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	114890	306014	450026	31472 741292	58914	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	169712	447098	651581	46085 1054834	91177	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	56572	153421	227661	15184 383578	30203	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	34754	1439 96180	3118 142593	9129 238399	18282	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	233747	630013	914870	66443 1469079	128383	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	42159	112046	169223	10372 277681	21148	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	122790	332443	485213	32929 792861	64242	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	152670	414582	612074	42172 908315	80497	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Qua	28893	97682	952 155164	5123 266339	12631	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	69630	183467	277713	16503 466347	34853	40.0	100	160	10.0 240	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4-Dinitrotoluene	ANT	Ave	46246	1889 125764	3980 189797	11492 316469	24007	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	210569	574439	823467	60858 1320641	115497	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	40238	113011	169272	10573 275841	21074	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	180579	478920	687655	50200 1150841	97350	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	78573	206401	293605	21349 474309	42648	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	172160	455187	660453	48137 1053321	92148	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	41233	116024	174665	10983 290384	21283	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	40249	120552	1803 190249	7087 324424	18705	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	123635	327546	477730	34303 783761	67397	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	167456	449044	654471	48138 1069394	91580	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	47730	130978	186861	13256 307328	25935	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1196 53207	3221 141952	5909 205257	14608 339902	29015	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	36519	2172 48035	4116 54428	11813 80806	23402	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	60256	173072	4294 258112	14559 435256	31138	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	21339	56015	86932	5143 144395	10697	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	160309	424926	602597	44337 953290	86444	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	245993	654438	950547	69307 1562333	131726	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	255791	675022	988853	70483 1629653	137924	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	245524	637725	937232	66470 1516778	130969	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	310608	821263	1187577	82488 1918907	166922	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	285585	740563	1099749	77608 1791237	152692	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzidine	PHN	Ave	161090	432907	636940	43797 1057985	86222	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	290255	753510	1113100	78521 1819526	158201	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	106313	301880	466505	22885 781826	51012	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	124004	339566	493967	28907 816610	61893	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		974					0.500			
Carbamazepine	CRY	Ave	106532	291374	462625	22528 787537	47729	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	98759	255708	8332 388767	24156 642431	48700	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	7105 256058	14280 681543	25293 995945	71524 1662772	135508	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	253437	647284	952102	68294 1511502	131468	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	183618	496867	720311	44906 1166386	95954	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	327110	896124	1309618	76835 2150994	161487	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	5834 267293	12380 718758	23464 1036643	71259 1794236	136249	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	6489 273908	14387 714802	28312 1098426	72949 1770058	143483	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	5419 234931	10686 629727	22068 943896	60755 1579812	120321	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4772 248345	11266 715616	21740 1089549	60250 1816133	124795	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	5061 250711	9455 689806	21857 1048421	63938 1692551	127209	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	261771	706188	1078736	68960 1766348	133169	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	75330	4336 219481	8391 330095	22188 544183	40000	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	95615	5403 278064	10772 426232	27115 707475	51887	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	2279 83008	4769 235224	9796 348030	23849 563572	44845	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	4832 168111	9896 468575	19457 702321	47443 1132875	90973	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712337

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2020 13:21 Calibration End Date: 07/29/2020 16:20 Calibration ID: 81335

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4,6-Tribromophenol (Surr)	ANT	Ave	24311	941 72111	2151 111133	6428 185730	12857	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	5076 183753	10149 494101	19399 749501	50850 1210500	97968	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32308.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 29-Jul-2020 13:21:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-002
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:29:34 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 30-Jul-2020 06:29:01

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.922	1.922	0.000	92	83463	50.0	51.5	
	2 N-Nitrosodimethylamine	74	2.157	2.157	0.000	79	135111	50.0	50.4	
	3 Pyridine	79	2.193	2.193	0.000	77	446637	100.0	100.3	
$	4 2-Fluorophenol	112	3.351	3.351	0.000	90	219481	50.0	50.6	
	5 Benzaldehyde	77	4.181	4.181	0.000	92	39761	20.0	10.6	
$	6 Phenol-d5	99	4.240	4.240	0.000	0	278064	50.0	50.4	
	7 Phenol	94	4.251	4.251	0.000	98	289329	50.0	49.7	
	8 Aniline	93	4.281	4.281	0.000	99	359549	50.0	50.3	
	9 Bis(2-chloroethyl)ether	93	4.340	4.340	0.000	92	217395	50.0	50.3	
	10 2-Chlorophenol	128	4.398	4.398	0.000	92	223525	50.0	50.0	
	11 n-Decane	43	4.451	4.451	0.000	92	327919	50.0	50.6	
	12 1,3-Dichlorobenzene	146	4.545	4.545	0.000	95	247030	50.0	49.7	
*	13 1,4-Dichlorobenzene-d4	152	4.598	4.598	0.000	95	130268	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.616	4.616	0.000	93	247556	50.0	49.6	
	15 Benzyl alcohol	108	4.722	4.722	0.000	92	143660	50.0	50.4	
	16 1,2-Dichlorobenzene	146	4.763	4.763	0.000	95	234676	50.0	49.6	
	17 2-Methylphenol	108	4.828	4.828	0.000	90	196068	50.0	49.9	
	18 2,2'-oxybis[1-chloropropane]	45	4.851	4.851	0.000	93	430299	50.0	49.7	a
	130 N-Methylaniline	106	4.969	4.969	0.000	0	343571	50.0	49.7	
	19 4-Methylphenol	108	4.975	4.975	0.000	77	222658	50.0	49.2	
	22 Acetophenone	105	4.975	4.975	0.000	87	298971	50.0	48.9	
	20 3 & 4 Methylphenol	108	4.975	4.975	0.000	85	222658	50.0	49.2	
	21 N-Nitrosodi-n-propylamine	70	4.981	4.981	0.000	93	164108	50.0	48.8	
	25 Hexachloroethane	117	5.081	5.081	0.000	95	92337	50.0	51.9	
$	26 Nitrobenzene-d5	82	5.122	5.122	0.000	91	235224	50.0	50.1	
	27 Nitrobenzene	123	5.140	5.140	0.000	89	101363	50.0	50.2	
	28 n,n'-Dimethylaniline	120	5.145	5.145	0.000	95	322704	50.0	49.1	
	29 Isophorone	82	5.363	5.363	0.000	98	421369	50.0	50.3	
	30 2-Nitrophenol	139	5.440	5.440	0.000	87	109286	50.0	52.4	
	31 2,4-Dimethylphenol	122	5.481	5.481	0.000	91	190177	50.0	50.5	
	32 Bis(2-chloroethoxy)methane	93	5.569	5.569	0.000	94	264413	50.0	50.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.581	5.581	0.000	92	113495	50.0	49.1	
34 2,4-Dichlorophenol	162	5.669	5.669	0.000	94	182948	50.0	51.6	
35 1,2,4-Trichlorobenzene	180	5.751	5.751	0.000	95	198259	50.0	50.2	
* 36 Naphthalene-d8	136	5.804	5.804	0.000	99	487424	40.0	40.0	
37 Naphthalene	128	5.828	5.828	0.000	99	614161	50.0	49.5	
38 4-Chloroaniline	127	5.875	5.875	0.000	96	269882	50.0	50.3	
131 2,6-Dichlorophenol	162	5.881	5.881	0.000	96	175425	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	96	108967	50.0	50.1	
40 Caprolactam	113	6.234	6.234	0.000	84	24181	20.0	22.5	M
41 4-Chloro-3-methylphenol	107	6.334	6.334	0.000	98	184473	50.0	50.0	
42 2-Methylnaphthalene	142	6.481	6.481	0.000	85	434363	50.0	50.3	
43 1-Methylnaphthalene	142	6.575	6.575	0.000	93	405569	50.0	50.4	
44 Hexachlorocyclopentadiene	237	6.639	6.639	0.000	97	139409	50.0	53.9	
45 1,2,4,5-Tetrachlorobenzene	216	6.645	6.645	0.000	97	197171	50.0	50.6	
46 2-tertbutyl-4-methylphenol	149	6.675	6.675	0.000	91	272994	50.0	51.1	
48 2,4,6-Trichlorophenol	196	6.751	6.751	0.000	90	131294	50.0	51.3	
49 2,4,5-Trichlorophenol	196	6.781	6.781	0.000	97	149721	50.0	52.1	
$ 50 2-Fluorobiphenyl	172	6.834	6.834	0.000	97	468575	50.0	49.1	
51 1,1'-Biphenyl	154	6.922	6.922	0.000	97	516808	50.0	50.0	
52 2-Chloronaphthalene	162	6.939	6.939	0.000	99	389161	50.0	49.9	
53 Phenyl ether	170	7.028	7.028	0.000	91	266728	50.0	49.7	
54 2-Nitroaniline	65	7.034	7.034	0.000	96	150695	50.0	50.1	
55 1,3-Dimethylnaphthalene	156	7.151	7.151	0.000	91	306014	50.0	49.9	
58 Dimethyl phthalate	163	7.216	7.216	0.000	99	447098	50.0	49.5	
59 Coumarin	146	7.234	7.234	0.000	78	153421	50.0	49.7	
60 2,6-Dinitrotoluene	165	7.269	7.269	0.000	94	96180	50.0	53.4	
61 Acenaphthylene	152	7.334	7.334	0.000	97	630013	50.0	49.6	
62 3-Nitroaniline	138	7.422	7.422	0.000	92	112046	50.0	50.5	
* 63 Acenaphthene-d10	164	7.469	7.469	0.000	96	247610	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.492	7.492	0.000	99	332443	50.0	50.5	
65 Acenaphthene	154	7.498	7.498	0.000	96	414582	50.0	50.8	
66 2,4-Dinitrophenol	184	7.522	7.522	0.000	92	97682	100.0	99.7	a
67 4-Nitrophenol	65	7.586	7.586	0.000	93	183467	100.0	100.6	
68 2,4-Dinitrotoluene	165	7.645	7.645	0.000	93	125764	50.0	53.4	
69 Dibenzofuran	168	7.663	7.663	0.000	96	574439	50.0	50.0	
70 2,3,4,6-Tetrachlorophenol	232	7.781	7.781	0.000	94	113011	50.0	51.1	
71 Diethyl phthalate	149	7.886	7.886	0.000	98	478920	50.0	49.4	
74 Fluorene	166	7.986	7.986	0.000	95	455187	50.0	49.6	
73 4-Chlorophenyl phenyl ether	204	7.986	7.986	0.000	76	206401	50.0	49.8	
75 4-Nitroaniline	138	8.004	8.004	0.000	94	116024	50.0	50.9	
76 4,6-Dinitro-2-methylphenol	198	8.034	8.034	0.000	82	120552	100.0	102.4	
77 N-Nitrosodiphenylamine	169	8.098	8.098	0.000	99	327546	50.0	49.6	
78 1,2-Diphenylhydrazine	77	8.139	8.139	0.000	99	449044	50.0	49.6	
$ 79 2,4,6-Tribromophenol	330	8.216	8.216	0.000	95	72111	50.0	55.4	
80 4-Bromophenyl phenyl ether	248	8.451	8.451	0.000	90	130978	50.0	50.8	
81 Hexachlorobenzene	284	8.516	8.516	0.000	98	141952	50.0	49.7	
82 Atrazine	200	8.604	8.604	0.000	88	48035	20.0	20.5	
83 Pentachlorophenol	266	8.698	8.698	0.000	94	173072	100.0	110.5	
84 Pentachloronitrobenzene	237	8.710	8.710	0.000	88	56015	50.0	50.1	
72 n-Octadecane	57	8.781	8.781	0.000	89	424926	50.0	50.4	
* 85 Phenanthrene-d10	188	8.869	8.869	0.000	99	457403	40.0	40.0	
86 Phenanthrene	178	8.892	8.892	0.000	98	654438	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.939	8.939	0.000	98	675022	50.0	49.5	
88 Carbazole	167	9.092	9.092	0.000	96	637725	50.0	49.4	
89 Di-n-butyl phthalate	149	9.428	9.428	0.000	100	821263	50.0	50.3	
90 Fluoranthene	202	10.016	10.016	0.000	98	740563	50.0	49.1	
91 Benzidine	184	10.145	10.145	0.000	100	432907	50.0	50.0	a
92 Pyrene	202	10.233	10.233	0.000	97	753510	50.0	49.3	
93 Bisphenol-A	213	10.280	10.280	0.000	98	301880	50.0	53.4	
$ 94 Terphenyl-d14	244	10.392	10.392	0.000	100	494101	50.0	49.6	
95 Butyl benzyl phthalate	149	10.910	10.910	0.000	96	339566	50.0	52.8	
96 2,3,7,8-TCDD	320	11.010	11.010	0.000	87	974	0.5000	0.5000	
97 Carbamazepine	193	11.022	11.022	0.000	93	291374	50.0	52.5	
98 3,3'-Dichlorobenzidine	252	11.510	11.510	0.000	99	255708	50.0	51.4	
99 Benzo[a]anthracene	228	11.533	11.533	0.000	99	681543	50.0	49.8	
* 100 Chrysene-d12	240	11.545	11.545	0.000	99	385055	40.0	40.0	
101 Chrysene	228	11.574	11.574	0.000	99	647284	50.0	49.7	
102 Bis(2-ethylhexyl) phthalate	149	11.598	11.598	0.000	88	496867	50.0	52.0	
103 Di-n-octyl phthalate	149	12.469	12.469	0.000	97	896124	50.0	52.5	
104 Benzo[b]fluoranthene	252	12.963	12.963	0.000	98	718758	50.0	52.6	
105 Benzo[k]fluoranthene	252	13.004	13.004	0.000	99	714802	50.0	49.1	
106 Benzo[a]pyrene	252	13.427	13.427	0.000	96	629727	50.0	51.9	
* 107 Perylene-d12	264	13.516	13.516	0.000	97	466926	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.174	15.174	0.000	98	715616	50.0	56.1	
109 Dibenz(a,h)anthracene	278	15.221	15.221	0.000	97	689806	50.0	55.0	
110 Benzo[g,h,i]perylene	276	15.657	15.657	0.000	96	706188	50.0	50.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:29:36 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32308.d

Injection Date: 29-Jul-2020 13:21:30 Instrument ID: CBNAMS12 Operator ID:

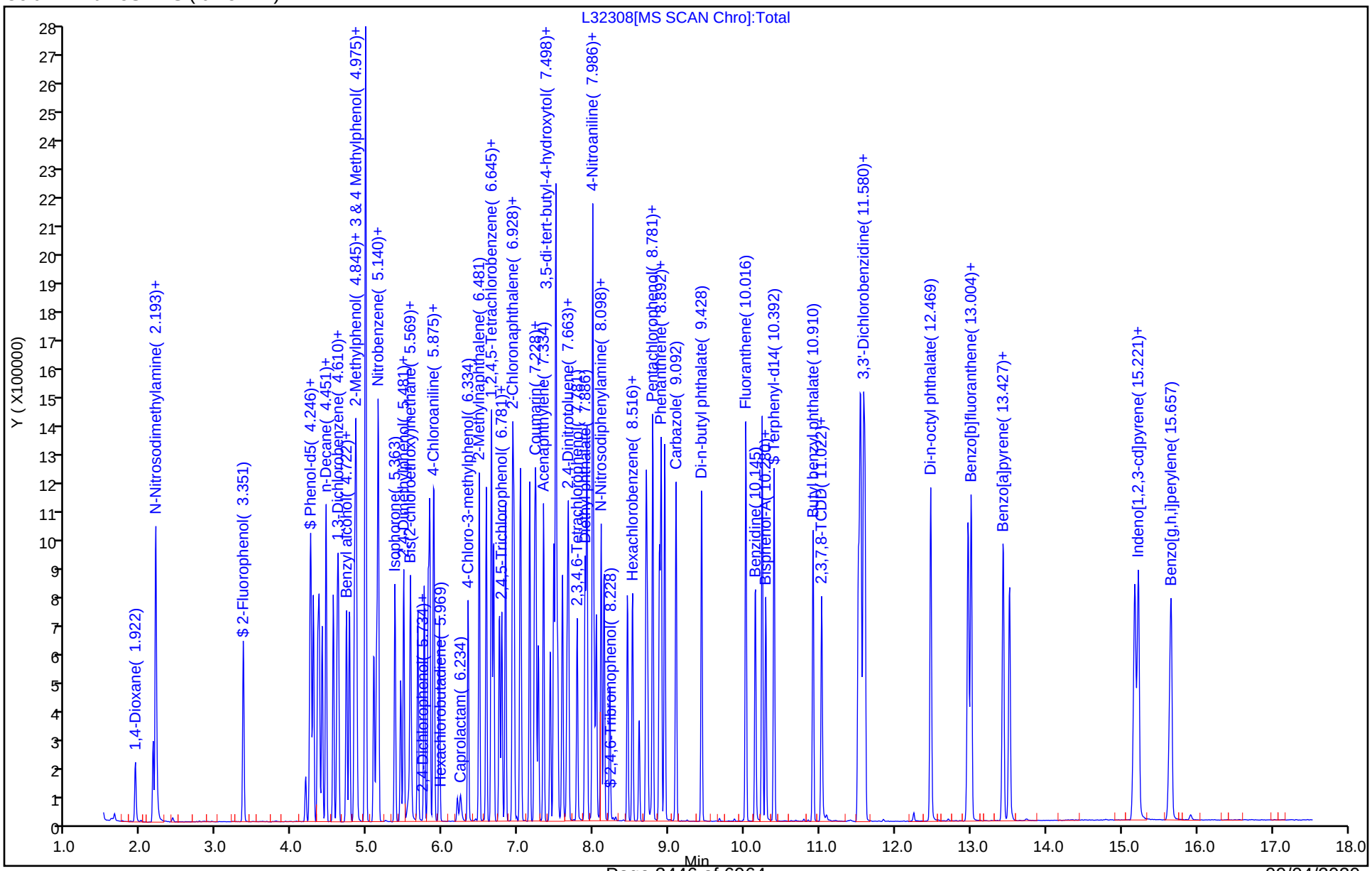
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

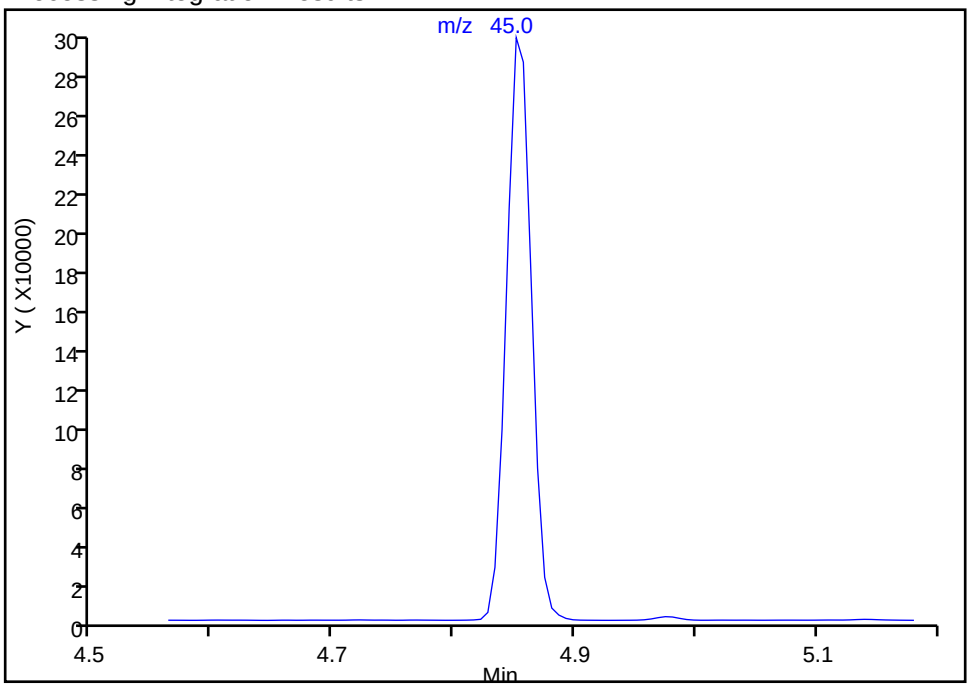
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32308.d				
Injection Date:	29-Jul-2020 13:21:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

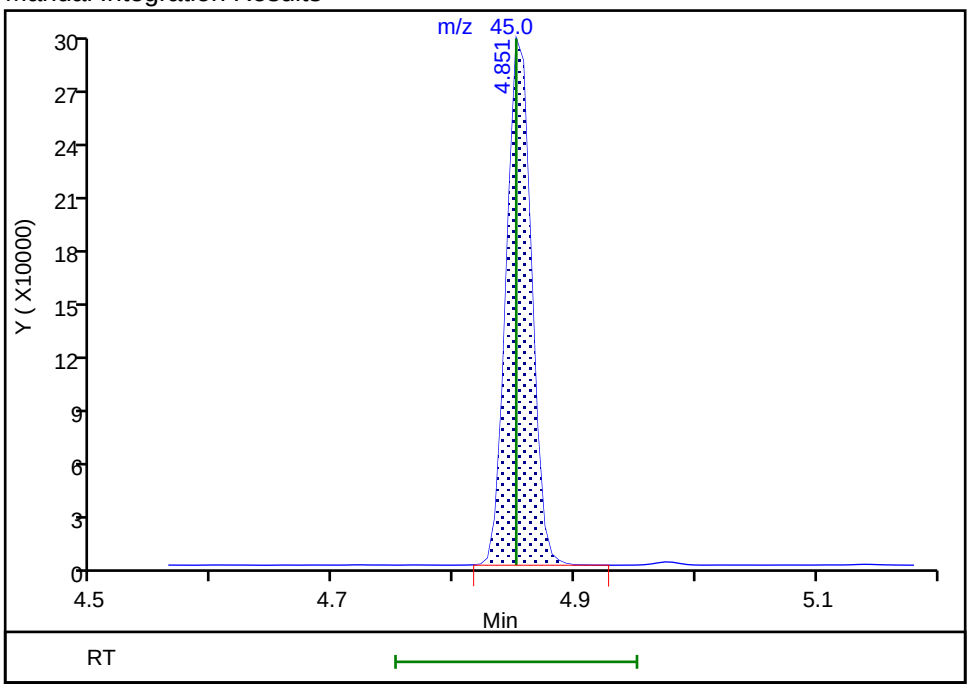
Not Detected
Expected RT: 4.85

Processing Integration Results



Manual Integration Results

RT: 4.85
Area: 430299
Amount: 49.705441
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:01:08
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

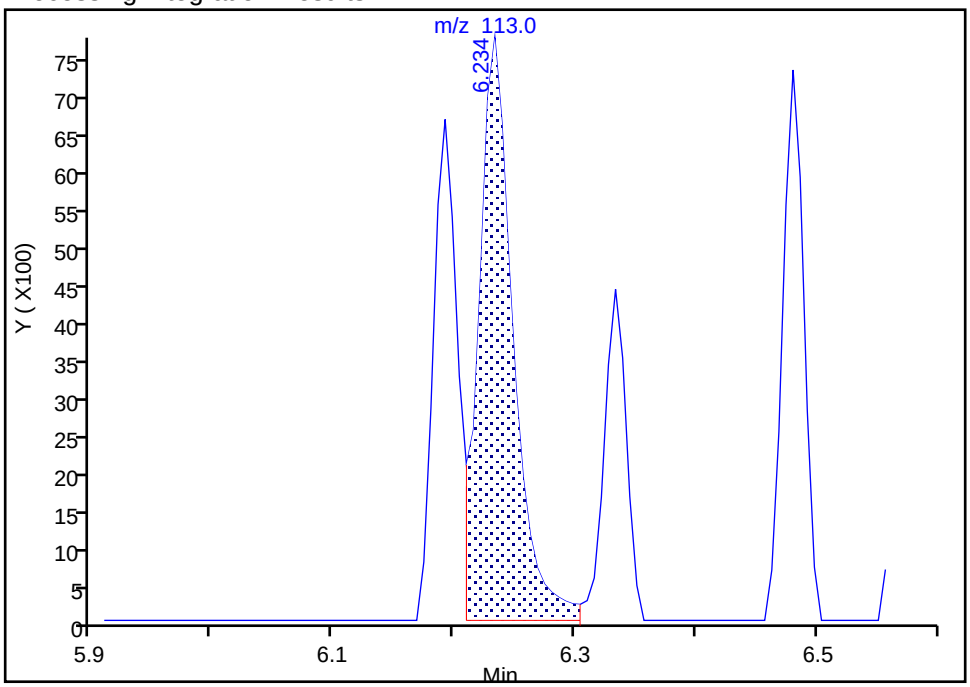
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32308.d				
Injection Date:	29-Jul-2020 13:21:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

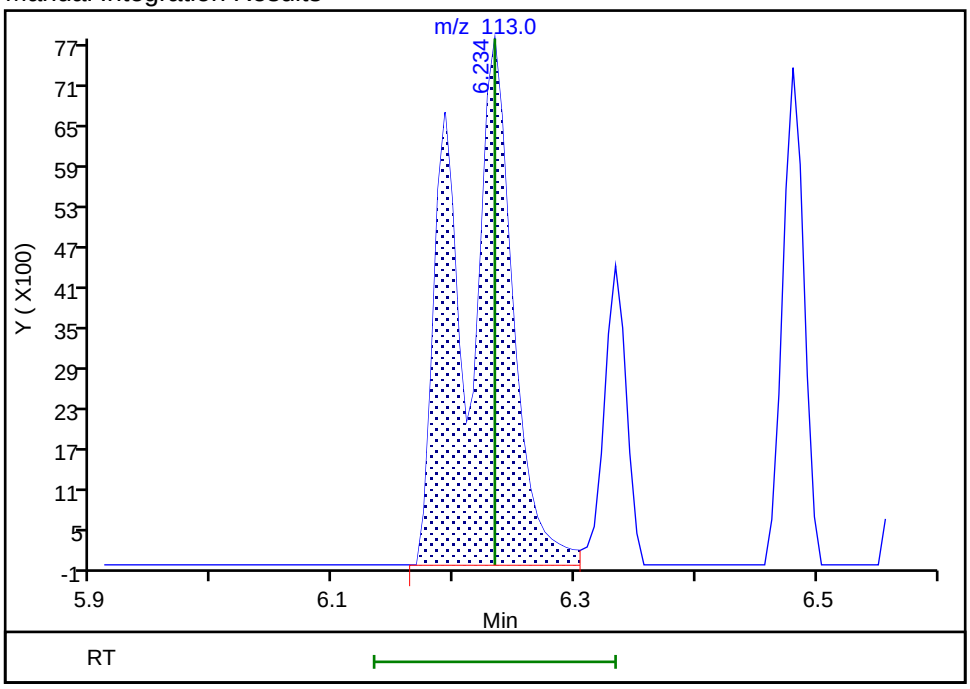
Processing Integration Results

RT: 6.23
Area: 15511
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.23
Area: 24181
Amount: 22.488081
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:01:02

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

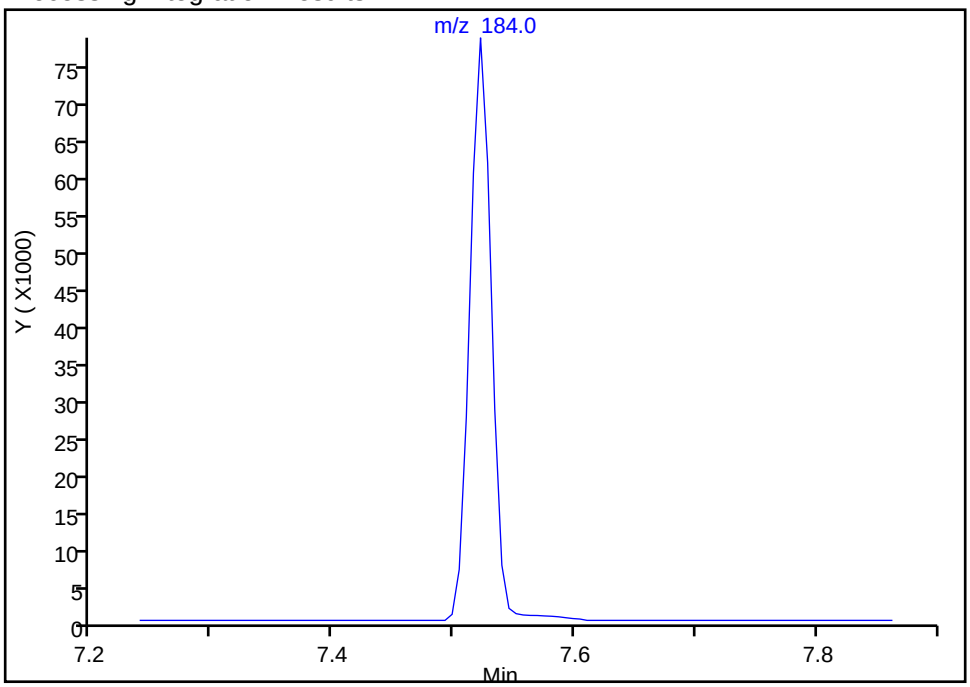
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32308.d				
Injection Date:	29-Jul-2020 13:21:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

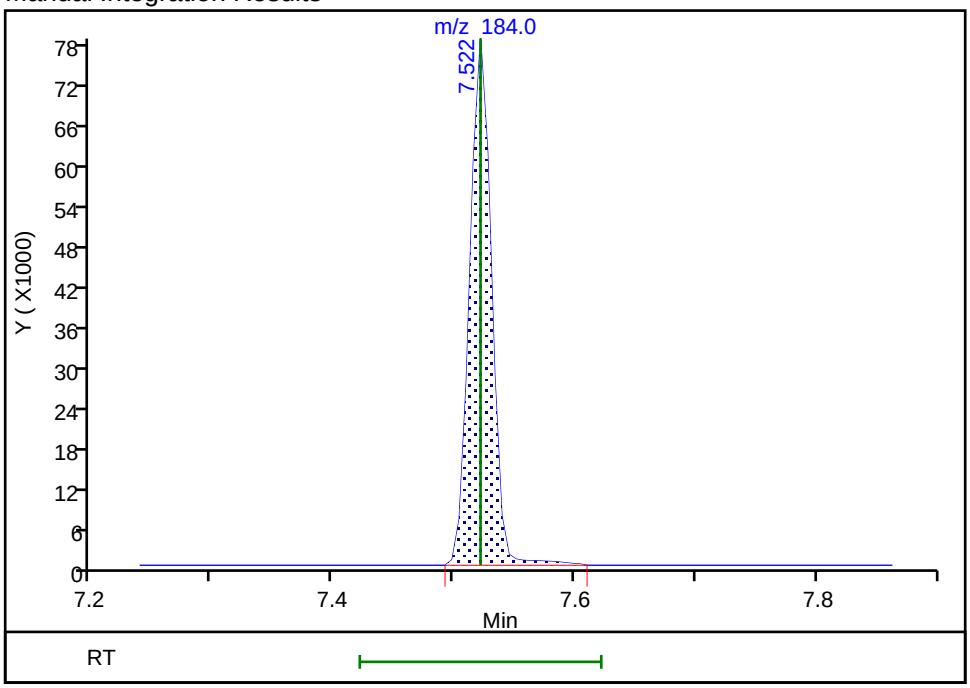
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.52
Area: 97682
Amount: 99.728415
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:01:13
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

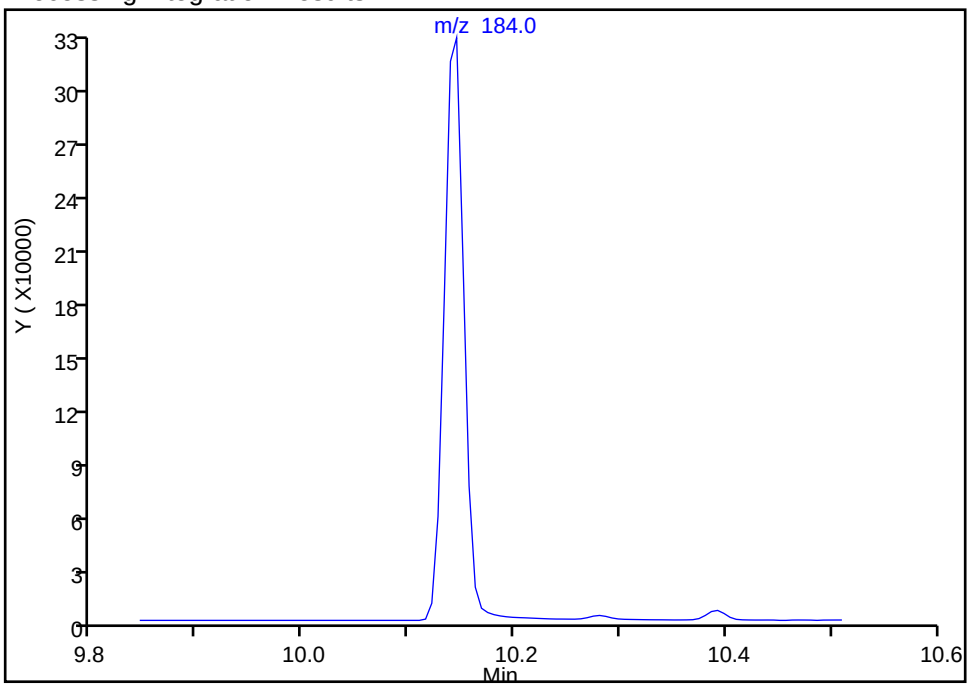
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32308.d				
Injection Date:	29-Jul-2020 13:21:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

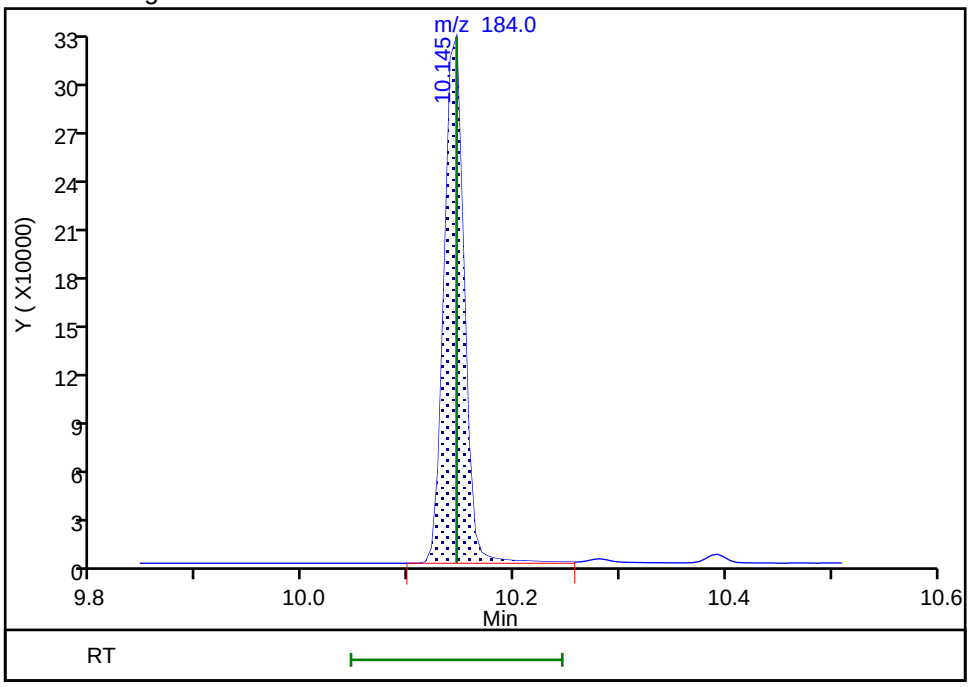
Not Detected
Expected RT: 10.15

Processing Integration Results



Manual Integration Results

RT: 10.15
Area: 432907
Amount: 50.019518
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:01:16
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32309.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 29-Jul-2020 13:44:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-003
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:54:25 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1048

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 14:15:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.916	1.922	-0.006	93	195005	120.0	121.5	
2 N-Nitrosodimethylamine	74	2.158	2.157	0.001	85	321098	120.0	121.0	
3 Pyridine	79	2.193	2.193	0.000	77	1055454	240.0	239.3	
$ 4 2-Fluorophenol	112	3.352	3.351	0.001	91	544183	120.0	126.7	
5 Benzaldehyde	77	4.181	4.181	0.000	92	29305	32.0	7.85	
$ 6 Phenol-d5	99	4.246	4.240	0.006	0	707475	120.0	129.5	
7 Phenol	94	4.257	4.251	0.006	96	725058	120.0	125.7	
8 Aniline	93	4.287	4.281	0.006	99	842579	120.0	119.0	
9 Bis(2-chloroethyl)ether	93	4.346	4.340	0.006	88	501574	120.0	117.2	
10 2-Chlorophenol	128	4.404	4.398	0.006	93	521981	120.0	117.8	
11 n-Decane	43	4.451	4.451	0.000	92	701808	120.0	109.2	
12 1,3-Dichlorobenzene	146	4.546	4.545	0.001	95	559868	120.0	113.7	
* 13 1,4-Dichlorobenzene-d4	152	4.599	4.598	0.001	95	129089	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.616	4.616	0.000	95	569390	120.0	115.0	
15 Benzyl alcohol	108	4.728	4.722	0.006	92	343566	120.0	121.6	
16 1,2-Dichlorobenzene	146	4.763	4.763	0.000	96	539153	120.0	115.1	
17 2-Methylphenol	108	4.834	4.828	0.006	90	462330	120.0	118.7	
18 2,2'-oxybis[1-chloropropane]	45	4.857	4.851	0.006	92	955650	120.0	111.4	a
130 N-Methylaniline	106	4.969	4.969	0.000	0	829270	120.0	121.0	
19 4-Methylphenol	108	4.987	4.975	0.012	83	514204	120.0	114.6	
22 Acetophenone	105	4.981	4.975	0.006	87	681793	120.0	112.6	
20 3 & 4 Methylphenol	108	4.987	4.975	0.012	85	514204	120.0	114.6	
21 N-Nitrosodi-n-propylamine	70	4.987	4.981	0.006	93	381407	120.0	114.3	
25 Hexachloroethane	117	5.081	5.081	0.000	95	206520	120.0	117.1	
$ 26 Nitrobenzene-d5	82	5.122	5.122	0.000	92	563572	120.0	116.4	
27 Nitrobenzene	123	5.146	5.140	0.006	88	233842	120.0	116.8	
28 n,n'-Dimethylaniline	120	5.151	5.145	0.006	98	756343	120.0	116.2	
29 Isophorone	82	5.375	5.363	0.012	98	991059	120.0	114.7	
30 2-Nitrophenol	139	5.446	5.440	0.006	88	259313	120.0	120.4	
31 2,4-Dimethylphenol	122	5.487	5.481	0.006	90	445537	120.0	114.7	
32 Bis(2-chloroethoxy)methane	93	5.575	5.569	0.006	93	610956	120.0	113.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.622	5.581	0.041	91	300500	120.0	121.4	
34 2,4-Dichlorophenol	162	5.675	5.669	0.006	95	435106	120.0	119.0	
35 1,2,4-Trichlorobenzene	180	5.751	5.751	0.000	95	457087	120.0	112.2	
* 36 Naphthalene-d8	136	5.804	5.804	0.000	99	502927	40.0	40.0	
37 Naphthalene	128	5.828	5.828	0.000	99	1429740	120.0	111.6	
38 4-Chloroaniline	127	5.881	5.875	0.006	96	624913	120.0	112.8	
131 2,6-Dichlorophenol	162	5.887	5.881	0.006	96	412558	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	96	250086	120.0	111.4	
40 Caprolactam	113	6.310	6.234	0.076	84	34340	32.0	31.0	M
41 4-Chloro-3-methylphenol	107	6.340	6.334	0.006	98	440466	120.0	115.8	
42 2-Methylnaphthalene	142	6.481	6.481	0.000	84	994075	120.0	111.6	
43 1-Methylnaphthalene	142	6.575	6.575	0.000	93	932702	120.0	112.4	
44 Hexachlorocyclopentadiene	237	6.645	6.639	0.006	97	319375	120.0	118.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.645	6.645	0.000	98	456474	120.0	112.3	
46 2-tertbutyl-4-methylphenol	149	6.675	6.675	0.000	90	649671	120.0	117.8	
48 2,4,6-Trichlorophenol	196	6.751	6.751	0.000	89	326017	120.0	122.2	
49 2,4,5-Trichlorophenol	196	6.787	6.781	0.006	97	348741	120.0	116.4	
$ 50 2-Fluorobiphenyl	172	6.834	6.834	0.000	98	1132875	120.0	113.7	
51 1,1'-Biphenyl	154	6.928	6.922	0.006	96	1181322	120.0	109.7	
52 2-Chloronaphthalene	162	6.945	6.939	0.006	98	909104	120.0	111.8	
53 Phenyl ether	170	7.028	7.028	0.000	91	654943	120.0	117.1	
54 2-Nitroaniline	65	7.040	7.034	0.006	97	374394	120.0	119.4	
55 1,3-Dimethylnaphthalene	156	7.157	7.151	0.006	91	741292	120.0	115.8	
58 Dimethyl phthalate	163	7.228	7.216	0.012	99	1054834	120.0	112.1	
59 Coumarin	146	7.240	7.234	0.006	81	383578	120.0	120.5	
60 2,6-Dinitrotoluene	165	7.275	7.269	0.006	93	238399	120.0	126.9	
61 Acenaphthylene	152	7.340	7.334	0.006	97	1469079	120.0	111.0	
62 3-Nitroaniline	138	7.434	7.422	0.012	92	277681	120.0	119.9	
* 63 Acenaphthene-d10	164	7.469	7.469	0.000	97	258195	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.492	0.006	99	792861	120.0	115.4	
65 Acenaphthene	154	7.504	7.498	0.006	96	908315	120.0	106.7	
66 2,4-Dinitrophenol	184	7.534	7.522	0.012	90	266339	240.0	239.2	a
67 4-Nitrophenol	65	7.598	7.586	0.012	93	466347	240.0	245.3	
68 2,4-Dinitrotoluene	165	7.657	7.645	0.012	93	316469	120.0	128.8	
69 Dibenzofuran	168	7.669	7.663	0.006	96	1320641	120.0	110.3	
70 2,3,4,6-Tetrachlorophenol	232	7.787	7.781	0.006	94	275841	120.0	119.7	
71 Diethyl phthalate	149	7.892	7.886	0.006	98	1150841	120.0	113.9	
74 Fluorene	166	7.992	7.986	0.006	96	1053321	120.0	110.0	
73 4-Chlorophenyl phenyl ether	204	7.992	7.986	0.006	85	474309	120.0	109.6	
75 4-Nitroaniline	138	8.028	8.004	0.024	94	290384	120.0	122.3	
76 4,6-Dinitro-2-methylphenol	198	8.051	8.034	0.017	83	324424	240.0	256.7	
77 N-Nitrosodiphenylamine	169	8.104	8.098	0.006	99	783761	120.0	112.3	
78 1,2-Diphenylhydrazine	77	8.139	8.139	0.000	99	1069394	120.0	111.8	
$ 79 2,4,6-Tribromophenol	330	8.222	8.216	0.006	95	185730	120.0	136.7	
80 4-Bromophenyl phenyl ether	248	8.451	8.451	0.000	89	307328	120.0	112.9	
81 Hexachlorobenzene	284	8.516	8.516	0.000	98	339902	120.0	112.7	
82 Atrazine	200	8.610	8.604	0.006	89	80806	32.0	32.7	
83 Pentachlorophenol	266	8.704	8.698	0.006	94	435256	240.0	263.3	
84 Pentachloronitrobenzene	237	8.716	8.710	0.006	89	144395	120.0	122.2	
72 n-Octadecane	57	8.787	8.781	0.006	89	953290	120.0	107.1	
* 85 Phenanthrene-d10	188	8.875	8.869	0.006	99	482999	40.0	40.0	
86 Phenanthrene	178	8.898	8.892	0.006	98	1562333	120.0	112.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.945	8.939	0.006	98	1629653	120.0	113.2	
88 Carbazole	167	9.098	9.092	0.006	96	1516778	120.0	111.4	
89 Di-n-butyl phthalate	149	9.434	9.428	0.006	100	1918907	120.0	111.2	
90 Fluoranthene	202	10.022	10.016	0.006	98	1791237	120.0	112.5	
91 Benzidine	184	10.145	10.145	0.000	100	1057985	120.0	115.8	a
92 Pyrene	202	10.239	10.233	0.006	97	1819526	120.0	113.2	
93 Bisphenol-A	213	10.286	10.280	0.006	98	781826	120.0	131.5	
$ 94 Terphenyl-d14	244	10.392	10.392	0.000	100	1210500	120.0	115.6	
95 Butyl benzyl phthalate	149	10.910	10.910	0.000	97	816610	120.0	120.8	
97 Carbamazepine	193	11.033	11.022	0.011	93	787537	120.0	134.9	
98 3,3'-Dichlorobenzidine	252	11.516	11.510	0.006	100	642431	120.0	122.8	
99 Benzo[a]anthracene	228	11.539	11.533	0.006	99	1662772	120.0	115.4	
* 100 Chrysene-d12	240	11.551	11.545	0.006	99	405134	40.0	40.0	
101 Chrysene	228	11.586	11.574	0.012	98	1511502	120.0	110.2	
102 Bis(2-ethylhexyl) phthalate	149	11.598	11.598	0.000	89	1166386	120.0	116.0	
103 Di-n-octyl phthalate	149	12.474	12.469	0.006	97	2150994	120.0	116.0	
104 Benzo[b]fluoranthene	252	12.980	12.963	0.017	99	1794236	120.0	121.0	
105 Benzo[k]fluoranthene	252	13.022	13.004	0.018	99	1770058	120.0	112.0	
106 Benzo[a]pyrene	252	13.445	13.427	0.018	97	1579812	120.0	119.8	
* 107 Perylene-d12	264	13.521	13.516	0.005	97	507227	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.198	15.174	0.024	99	1816133	120.0	131.0	
109 Dibenz(a,h)anthracene	278	15.245	15.221	0.024	96	1692551	120.0	124.3	
110 Benzo[g,h,i]perylene	276	15.686	15.657	0.029	98	1766348	120.0	115.6	
S 117 Total Cresols	1				0			233.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L9_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:54:26 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32309.d

Injection Date: 29-Jul-2020 13:44:30 Instrument ID: CBNAMS12 Operator ID:

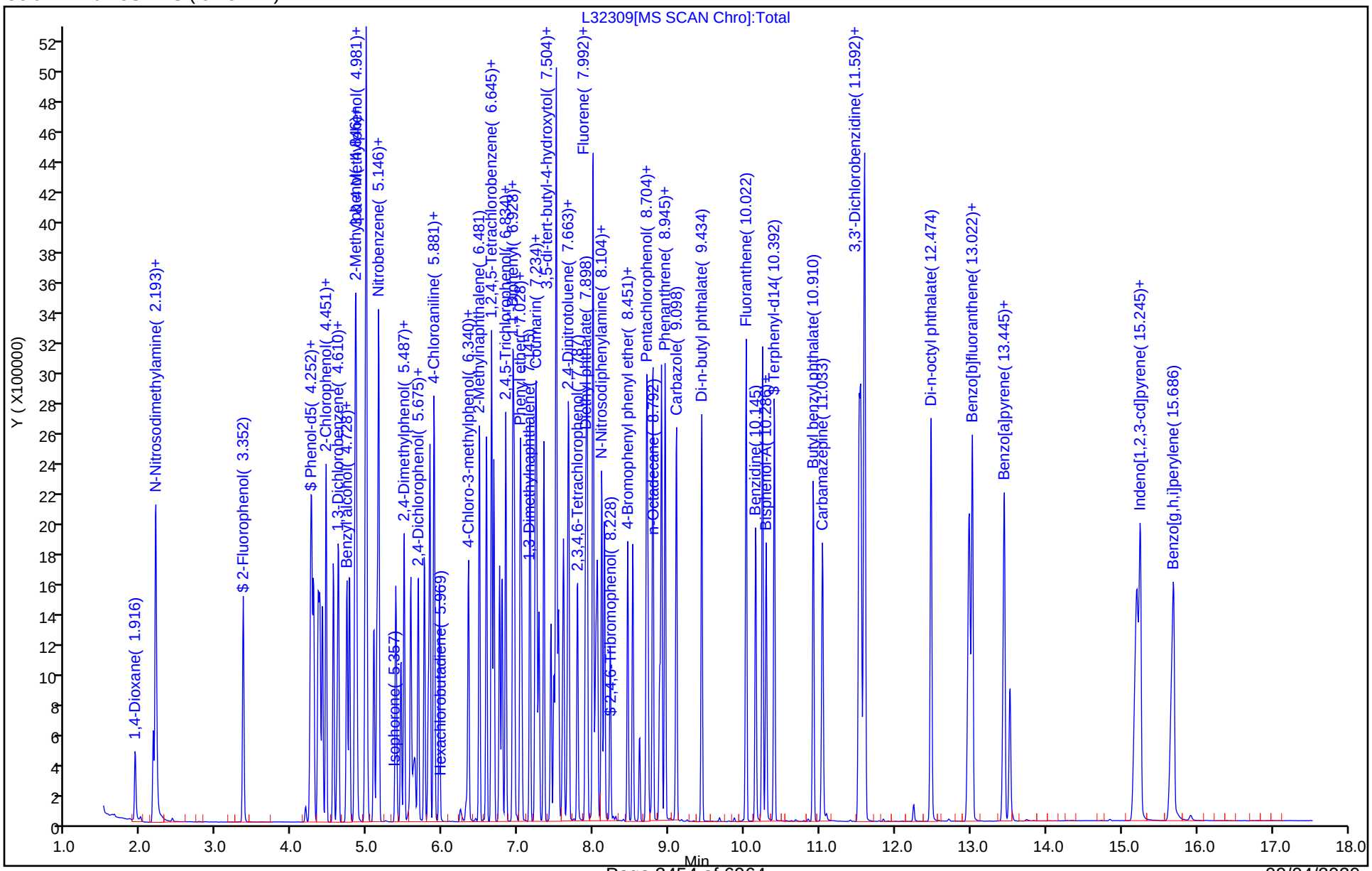
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

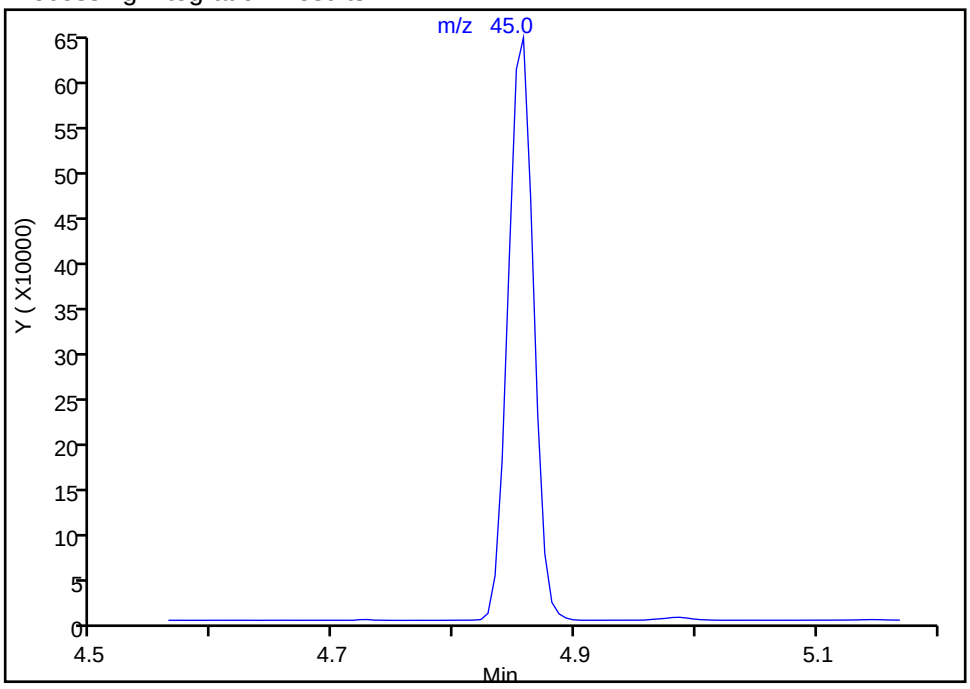
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32309.d				
Injection Date:	29-Jul-2020 13:44:30	Instrument ID:	CBNAMS12		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

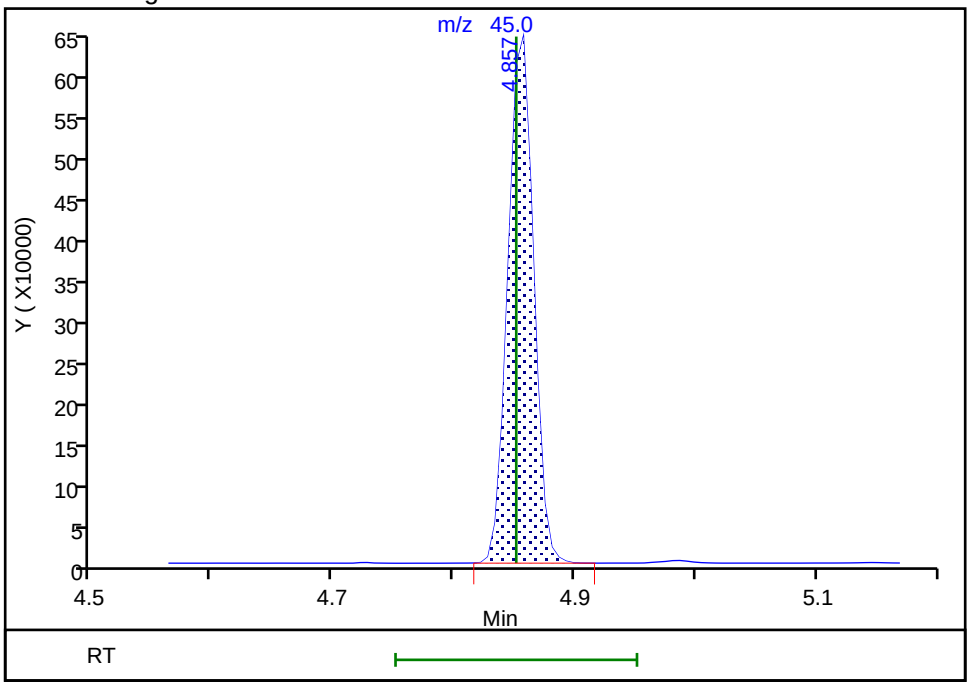
Not Detected
Expected RT: 4.85

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 955650
Amount: 111.3989
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:14:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

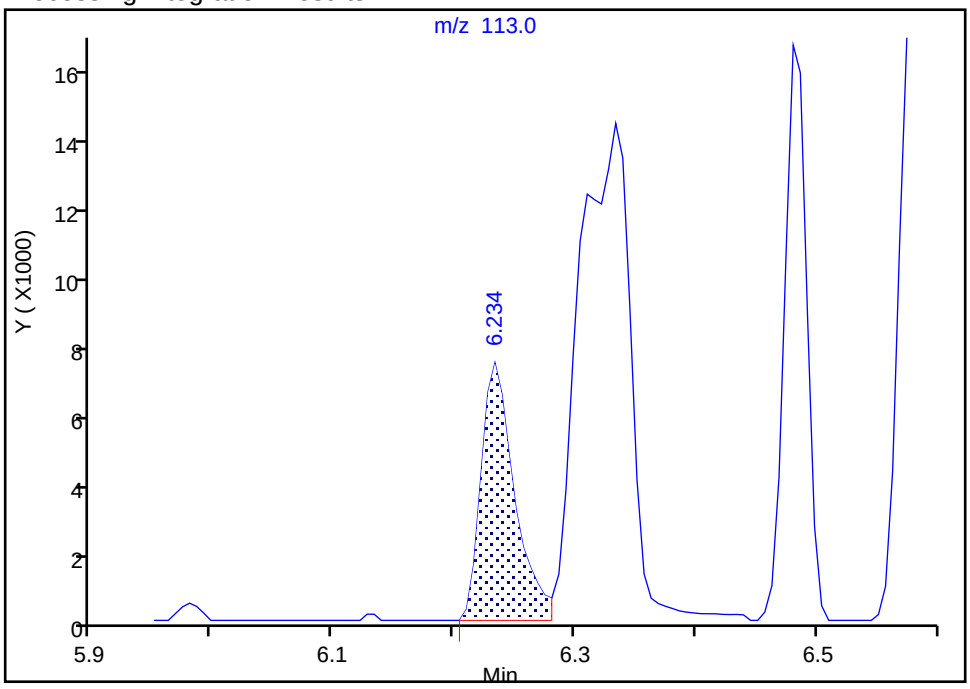
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32309.d				
Injection Date:	29-Jul-2020 13:44:30	Instrument ID:	CBNAMS12		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

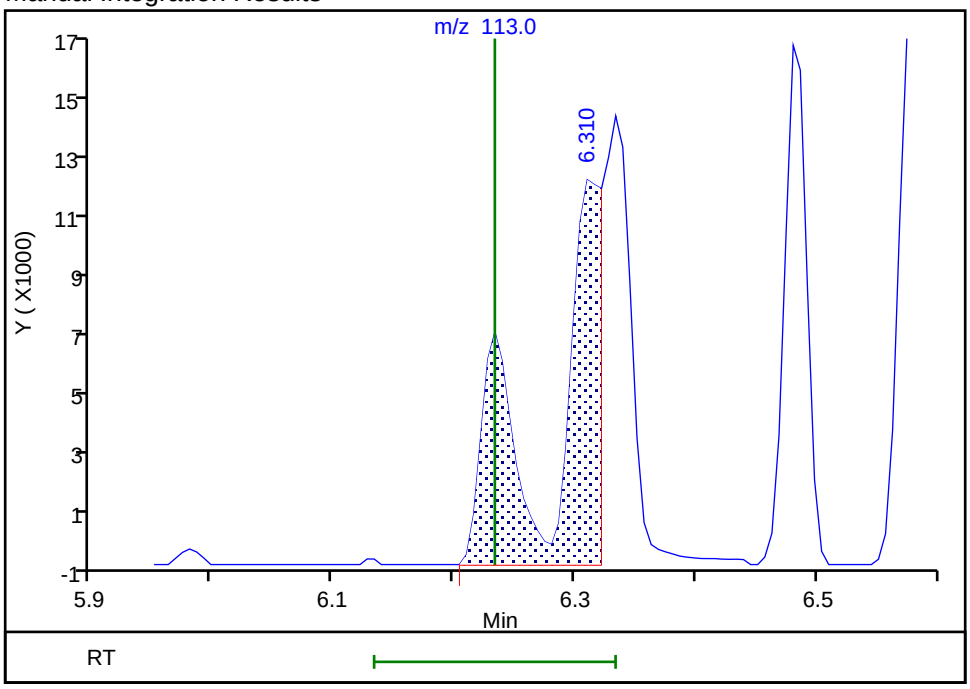
Processing Integration Results

RT: 6.23
Area: 13769
Amount: 16.413294
Amount Units: ug/ml



Manual Integration Results

RT: 6.31
Area: 34340
Amount: 30.951407
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:32:54
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

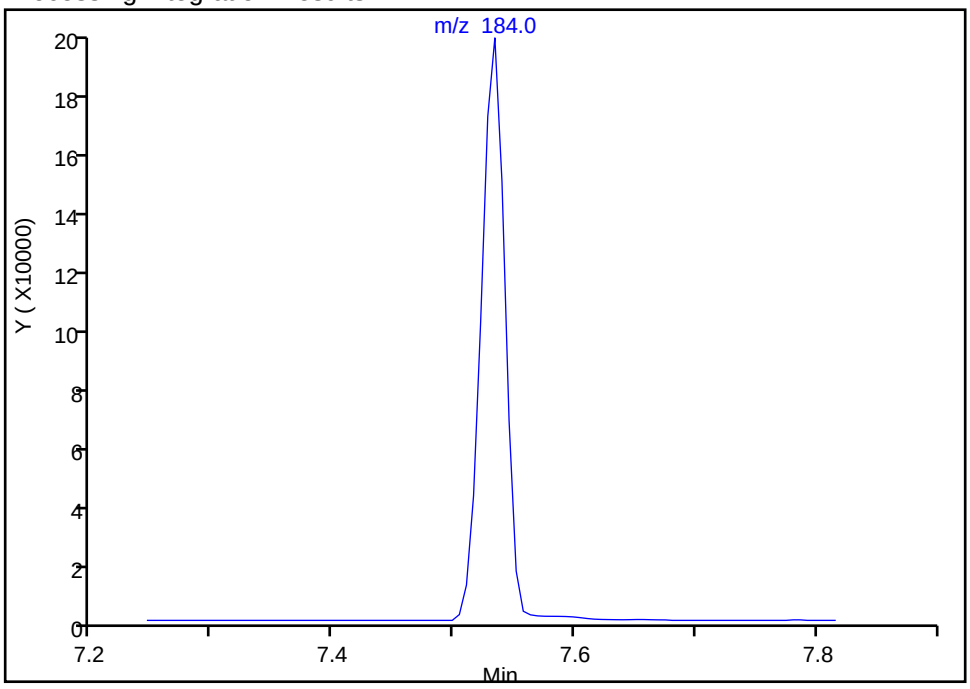
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32309.d				
Injection Date:	29-Jul-2020 13:44:30	Instrument ID:	CBNAMS12		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

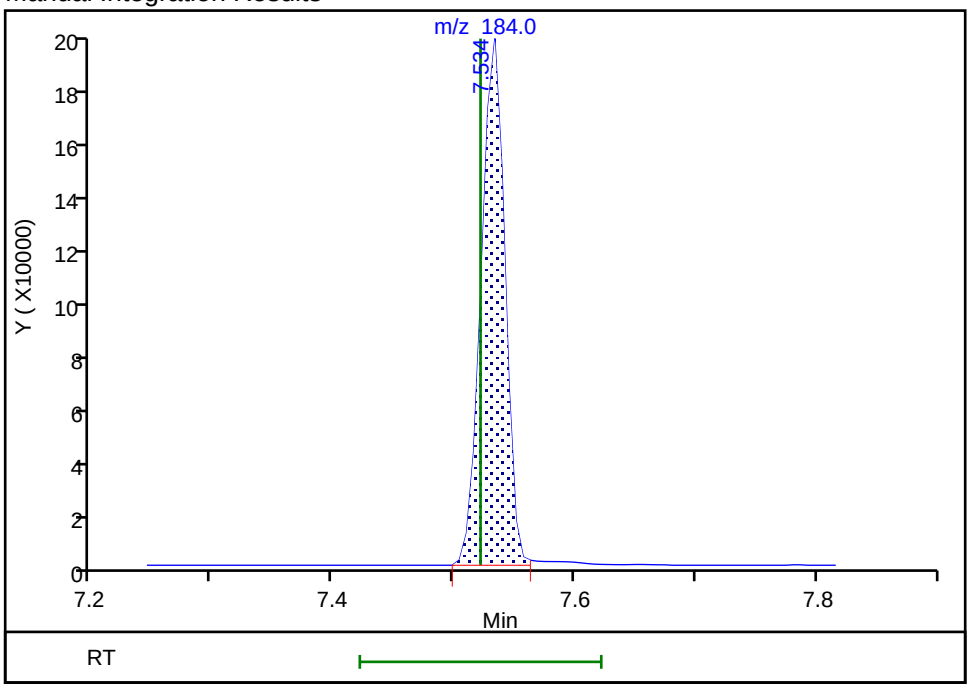
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.53
Area: 266339
Amount: 239.1633
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:14:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

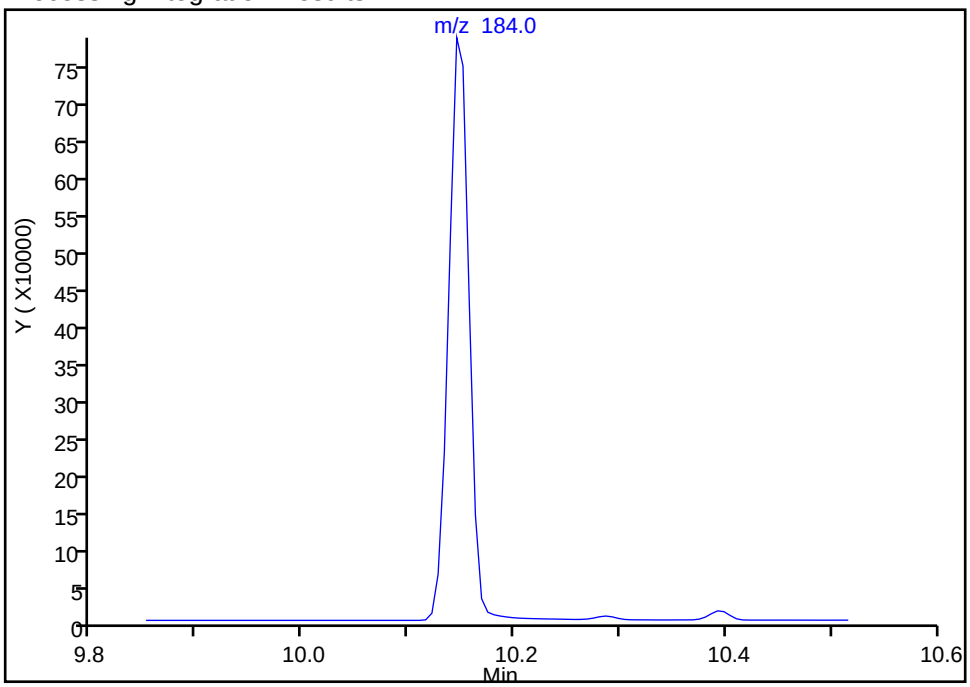
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32309.d
Injection Date: 29-Jul-2020 13:44:30 Instrument ID: CBNAMS12
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Benzidine, CAS: 92-87-5

Signal: 1

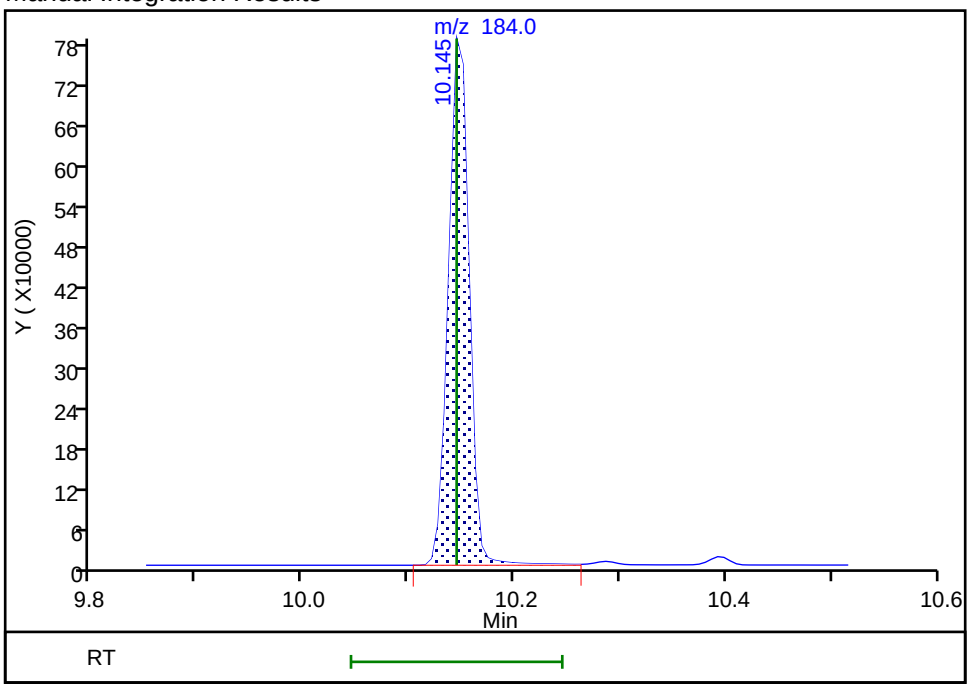
Not Detected
Expected RT: 10.15

Processing Integration Results



Manual Integration Results

RT: 10.15
Area: 1057985
Amount: 115.7650
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:14:58
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32310.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Jul-2020 14:06:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-004
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:29:49 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 14:31:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.916	1.922	-0.006	93	118131	80.0	78.2	
2 N-Nitrosodimethylamine	74	2.152	2.157	-0.005	79	196701	80.0	78.7	
3 Pyridine	79	2.187	2.193	-0.006	77	646524	160.0	155.7	
$ 4 2-Fluorophenol	112	3.351	3.351	0.000	91	330095	80.0	81.6	
5 Benzaldehyde	77	4.175	4.181	-0.006	93	32188	24.0	9.16	
$ 6 Phenol-d5	99	4.240	4.240	0.000	0	426232	80.0	82.9	
7 Phenol	94	4.251	4.251	0.000	97	444346	80.0	81.8	
8 Aniline	93	4.281	4.281	0.000	99	520050	80.0	78.0	
9 Bis(2-chloroethyl)ether	93	4.340	4.340	0.000	89	312215	80.0	77.5	
10 2-Chlorophenol	128	4.398	4.398	0.000	92	327081	80.0	78.4	
11 n-Decane	43	4.451	4.451	0.000	92	458113	80.0	75.7	
12 1,3-Dichlorobenzene	146	4.545	4.545	0.000	95	359787	80.0	77.6	
* 13 1,4-Dichlorobenzene-d4	152	4.598	4.598	0.000	95	121518	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.610	4.616	-0.006	93	358936	80.0	77.0	
15 Benzyl alcohol	108	4.722	4.722	0.000	92	209321	80.0	78.7	
16 1,2-Dichlorobenzene	146	4.757	4.763	-0.006	95	337851	80.0	76.6	
17 2-Methylphenol	108	4.828	4.828	0.000	90	283777	80.0	77.4	
18 2,2'-oxybis[1-chloropropane]	45	4.851	4.851	0.000	93	607597	80.0	75.2	a
130 N-Methylaniline	106	4.969	4.969	0.000	0	506234	80.0	78.5	
19 4-Methylphenol	108	4.975	4.975	0.000	73	325287	80.0	77.0	
22 Acetophenone	105	4.981	4.975	0.006	84	438204	80.0	76.9	
20 3 & 4 Methylphenol	108	4.975	4.975	0.000	83	325287	80.0	77.0	
21 N-Nitrosodi-n-propylamine	70	4.981	4.981	0.000	93	235887	80.0	75.1	
25 Hexachloroethane	117	5.081	5.081	0.000	95	132014	80.0	79.5	
$ 26 Nitrobenzene-d5	82	5.122	5.122	0.000	93	348030	80.0	79.9	
27 Nitrobenzene	123	5.140	5.140	0.000	89	148817	80.0	79.0	
28 n,n'-Dimethylaniline	120	5.145	5.145	0.000	98	473164	80.0	77.2	
29 Isophorone	82	5.369	5.363	0.006	98	604864	80.0	77.9	
30 2-Nitrophenol	139	5.440	5.440	0.000	88	160988	80.0	83.2	
31 2,4-Dimethylphenol	122	5.481	5.481	0.000	91	276174	80.0	79.1	
32 Bis(2-chloroethoxy)methane	93	5.569	5.569	0.000	93	375905	80.0	77.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.598	5.581	0.017	92	176316	80.0	80.3	
34 2,4-Dichlorophenol	162	5.669	5.669	0.000	95	266306	80.0	81.0	
35 1,2,4-Trichlorobenzene	180	5.751	5.751	0.000	95	285989	80.0	78.1	
* 36 Naphthalene-d8	136	5.804	5.804	0.000	99	452111	40.0	40.0	
37 Naphthalene	128	5.828	5.828	0.000	99	897675	80.0	78.0	
38 4-Chloroaniline	127	5.875	5.875	0.000	95	387986	80.0	77.9	
131 2,6-Dichlorophenol	162	5.887	5.881	0.006	94	258249	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	96	157602	80.0	78.1	
40 Caprolactam	113	6.263	6.234	0.029	85	26344	24.0	26.4	M
41 4-Chloro-3-methylphenol	107	6.334	6.334	0.000	98	272716	80.0	79.7	
42 2-Methylnaphthalene	142	6.481	6.481	0.000	84	625254	80.0	78.1	
43 1-Methylnaphthalene	142	6.575	6.575	0.000	94	584911	80.0	78.4	
44 Hexachlorocyclopentadiene	237	6.639	6.639	0.000	97	194045	80.0	80.5	
45 1,2,4,5-Tetrachlorobenzene	216	6.645	6.645	0.000	98	285596	80.0	78.6	
46 2-tertbutyl-4-methylphenol	149	6.675	6.675	0.000	90	395446	80.0	79.8	
48 2,4,6-Trichlorophenol	196	6.751	6.751	0.000	90	188743	80.0	79.2	
49 2,4,5-Trichlorophenol	196	6.781	6.781	0.000	97	223221	80.0	83.4	
$ 50 2-Fluorobiphenyl	172	6.834	6.834	0.000	98	702321	80.0	78.9	
51 1,1'-Biphenyl	154	6.928	6.922	0.006	97	749345	80.0	77.9	
52 2-Chloronaphthalene	162	6.945	6.939	0.006	98	564830	80.0	77.7	
53 Phenyl ether	170	7.022	7.028	-0.006	91	398454	80.0	79.7	
54 2-Nitroaniline	65	7.039	7.034	0.005	97	226618	80.0	80.9	
55 1,3-Dimethylnaphthalene	156	7.151	7.151	0.000	91	450026	80.0	78.7	
58 Dimethyl phthalate	163	7.216	7.216	0.000	99	651581	80.0	77.5	
59 Coumarin	146	7.234	7.234	0.000	81	227661	80.0	79.6	
60 2,6-Dinitrotoluene	165	7.269	7.269	0.000	93	142593	80.0	84.9	
61 Acenaphthylene	152	7.334	7.334	0.000	97	914870	80.0	77.4	
62 3-Nitroaniline	138	7.428	7.422	0.006	92	169223	80.0	81.8	
* 63 Acenaphthene-d10	164	7.469	7.469	0.000	97	230691	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.498	7.492	0.006	98	485213	80.0	79.1	
65 Acenaphthene	154	7.504	7.498	0.006	96	612074	80.0	80.5	
66 2,4-Dinitrophenol	184	7.528	7.522	0.006	90	155164	160.0	162.3	a
67 4-Nitrophenol	65	7.586	7.586	0.000	92	277713	160.0	163.5	
68 2,4-Dinitrotoluene	165	7.651	7.645	0.006	94	189797	80.0	86.4	
69 Dibenzofuran	168	7.663	7.663	0.000	97	823467	80.0	77.0	
70 2,3,4,6-Tetrachlorophenol	232	7.781	7.781	0.000	94	169272	80.0	82.2	
71 Diethyl phthalate	149	7.886	7.886	0.000	98	687655	80.0	76.2	
74 Fluorene	166	7.986	7.986	0.000	96	660453	80.0	77.2	
73 4-Chlorophenyl phenyl ether	204	7.986	7.986	0.000	85	293605	80.0	76.0	
75 4-Nitroaniline	138	8.016	8.004	0.012	94	174665	80.0	82.3	
76 4,6-Dinitro-2-methylphenol	198	8.039	8.034	0.005	82	190249	160.0	171.7	
77 N-Nitrosodiphenylamine	169	8.098	8.098	0.000	99	477730	80.0	77.7	
78 1,2-Diphenylhydrazine	77	8.139	8.139	0.000	99	654471	80.0	77.6	
$ 79 2,4,6-Tribromophenol	330	8.216	8.216	0.000	96	111133	80.0	91.6	
80 4-Bromophenyl phenyl ether	248	8.445	8.451	-0.006	89	186861	80.0	77.9	
81 Hexachlorobenzene	284	8.516	8.516	0.000	98	205257	80.0	77.2	
82 Atrazine	200	8.604	8.604	0.000	88	54428	24.0	25.0	
83 Pentachlorophenol	266	8.698	8.698	0.000	94	258112	160.0	177.1	
84 Pentachloronitrobenzene	237	8.716	8.710	0.006	89	86932	80.0	83.5	
72 n-Octadecane	57	8.780	8.781	0.000	93	602597	80.0	76.8	
* 85 Phenanthrene-d10	188	8.869	8.869	0.000	99	425730	40.0	40.0	
86 Phenanthrene	178	8.892	8.892	0.000	98	950547	80.0	77.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.939	8.939	0.000	98	988853	80.0	77.9	
88 Carbazole	167	9.092	9.092	0.000	96	937232	80.0	78.1	
89 Di-n-butyl phthalate	149	9.428	9.428	0.000	100	1187577	80.0	78.1	
90 Fluoranthene	202	10.016	10.016	0.000	98	1099749	80.0	78.4	
91 Benzidine	184	10.145	10.145	0.000	100	636940	80.0	79.1	a
92 Pyrene	202	10.233	10.233	0.000	97	1113100	80.0	77.4	
93 Bisphenol-A	213	10.280	10.280	0.000	98	466505	80.0	87.7	
$ 94 Terphenyl-d14	244	10.392	10.392	0.000	100	749501	80.0	80.0	
95 Butyl benzyl phthalate	149	10.910	10.910	0.000	97	493967	80.0	81.6	
97 Carbamazepine	193	11.027	11.022	0.005	93	462625	80.0	88.6	
98 3,3'-Dichlorobenzidine	252	11.510	11.510	0.000	100	388767	80.0	83.0	
99 Benzo[a]anthracene	228	11.533	11.533	0.000	99	995945	80.0	77.3	
* 100 Chrysene-d12	240	11.545	11.545	0.000	99	362543	40.0	40.0	
101 Chrysene	228	11.580	11.574	0.006	98	952102	80.0	77.6	
102 Bis(2-ethylhexyl) phthalate	149	11.598	11.598	0.000	89	720311	80.0	80.0	
103 Di-n-octyl phthalate	149	12.468	12.469	0.000	97	1309618	80.0	80.4	
104 Benzo[b]fluoranthene	252	12.968	12.963	0.005	99	1036643	80.0	79.5	
105 Benzo[k]fluoranthene	252	13.010	13.004	0.006	99	1098426	80.0	79.1	
106 Benzo[a]pyrene	252	13.433	13.427	0.006	97	943896	80.0	81.4	
* 107 Perylene-d12	264	13.515	13.516	-0.001	97	445897	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.180	15.174	0.006	99	1089549	80.0	89.4	
109 Dibenz(a,h)anthracene	278	15.227	15.221	0.006	97	1048421	80.0	87.6	
110 Benzo[g,h,i]perylene	276	15.662	15.657	0.005	96	1078736	80.0	80.3	
S 117 Total Cresols	1				0			154.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L8_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:29:50 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32310.d

Injection Date: 29-Jul-2020 14:06:30 Instrument ID: CBNAMS12 Operator ID:

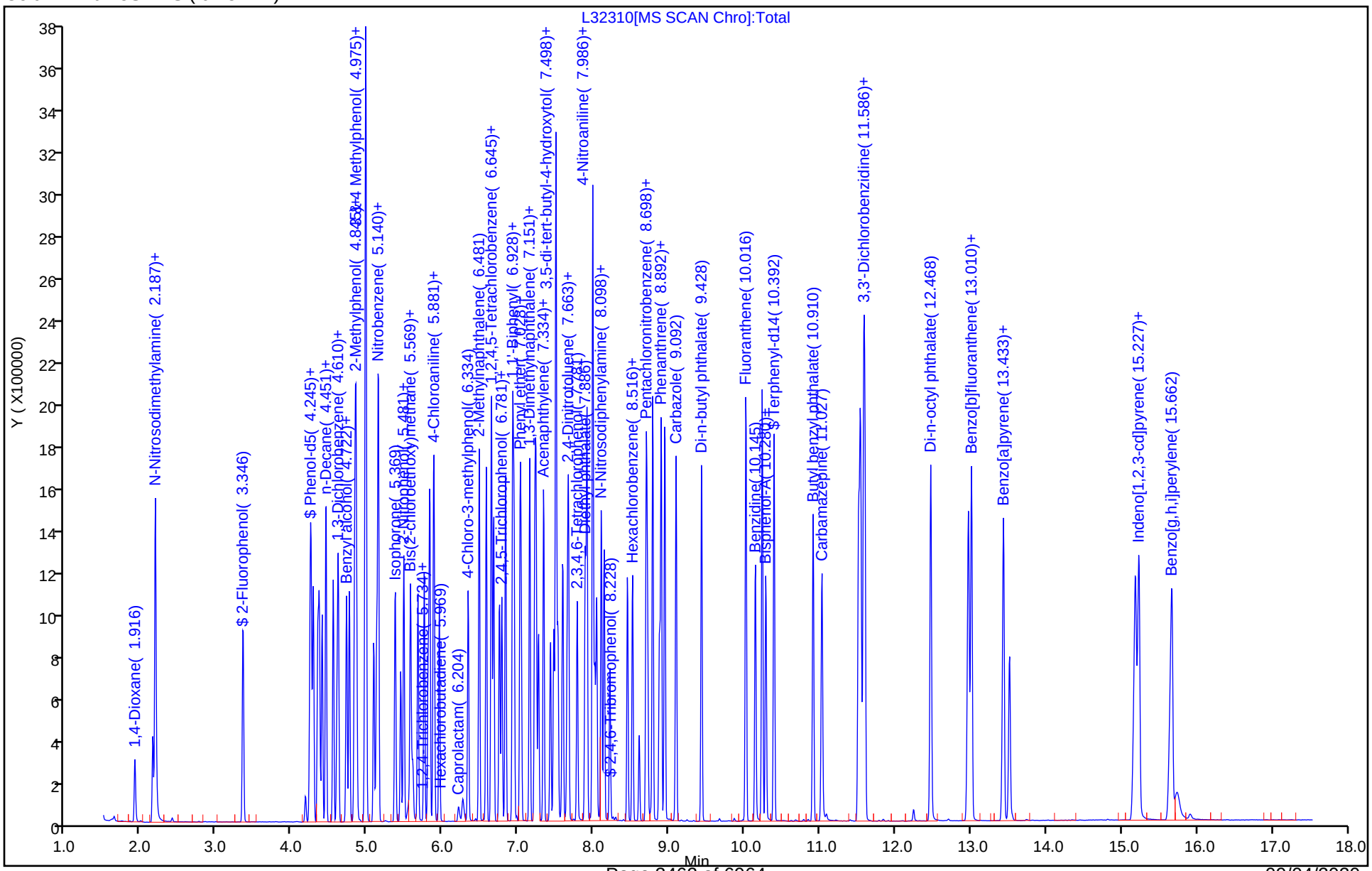
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

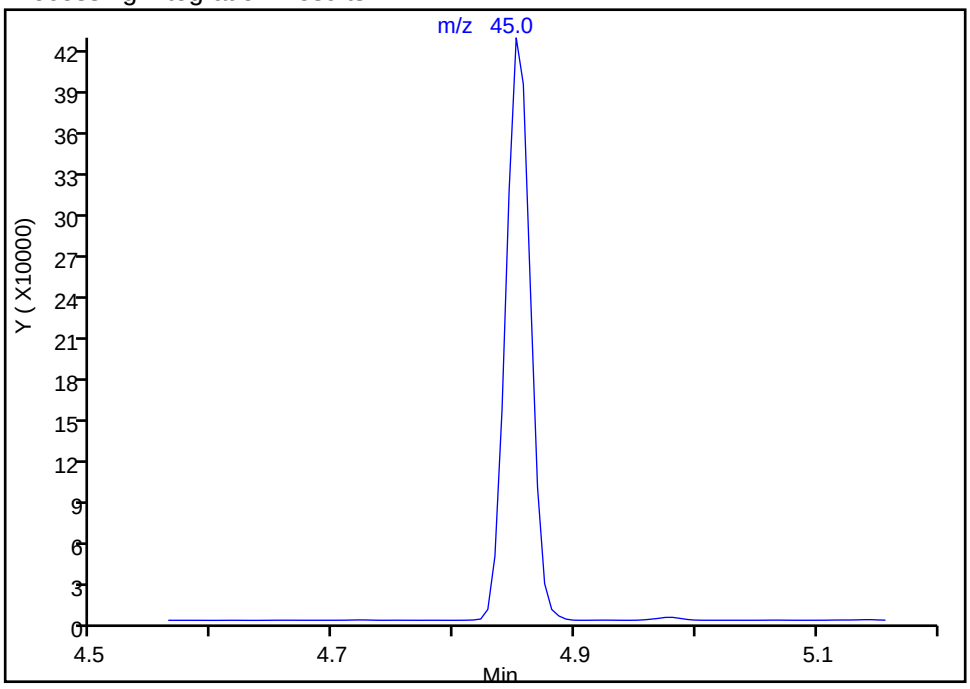
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32310.d				
Injection Date:	29-Jul-2020 14:06:30	Instrument ID:	CBNAMS12		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

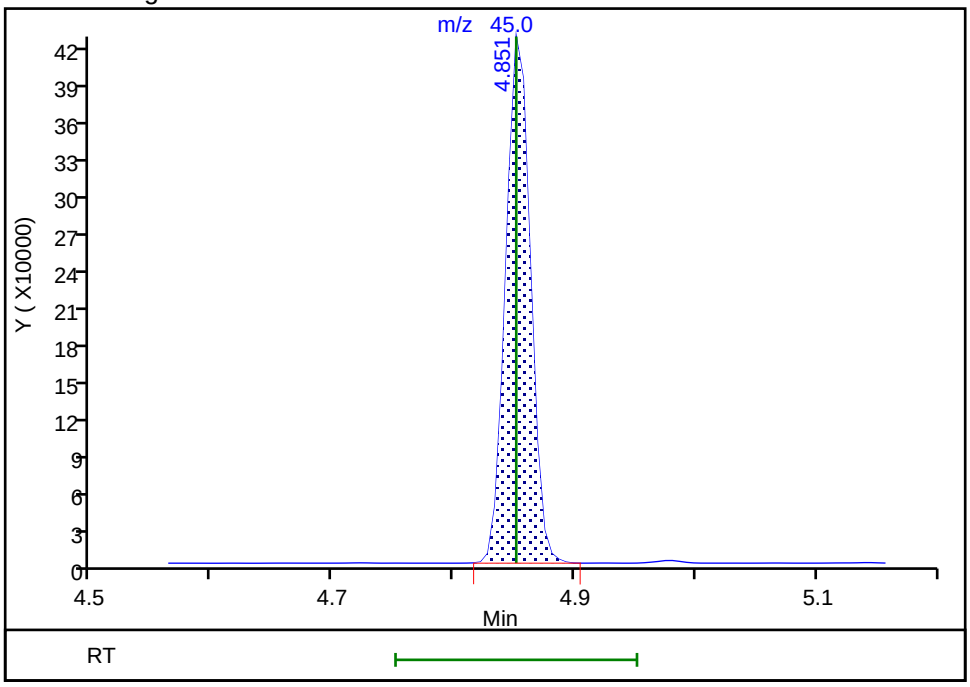
Not Detected
Expected RT: 4.85

Processing Integration Results



Manual Integration Results

RT: 4.85
Area: 607597
Amount: 75.239578
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:31:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

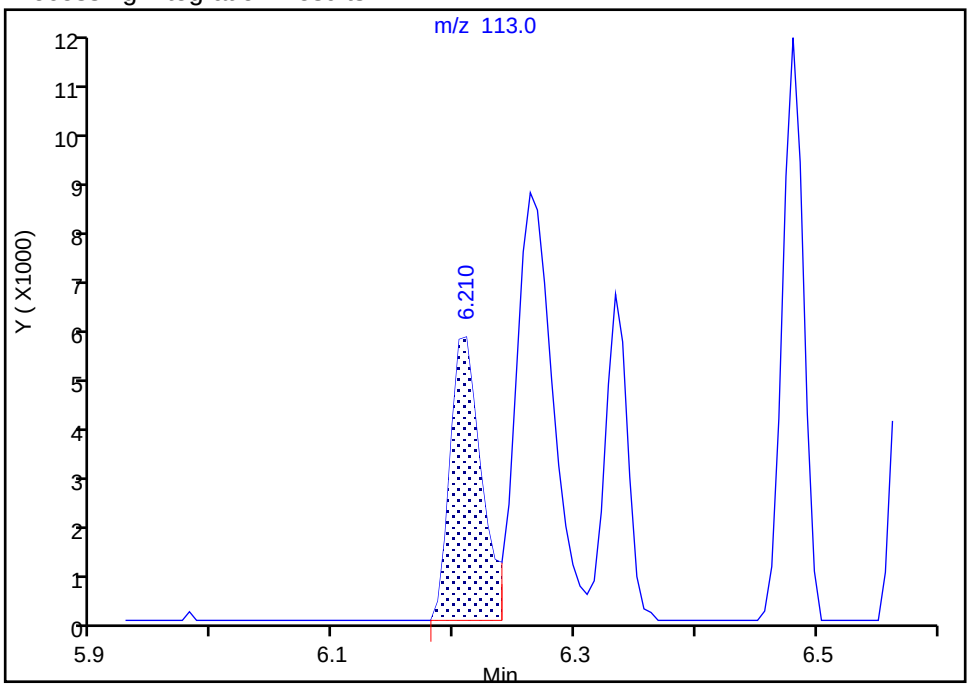
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32310.d
Injection Date: 29-Jul-2020 14:06:30 Instrument ID: CBNAMS12
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

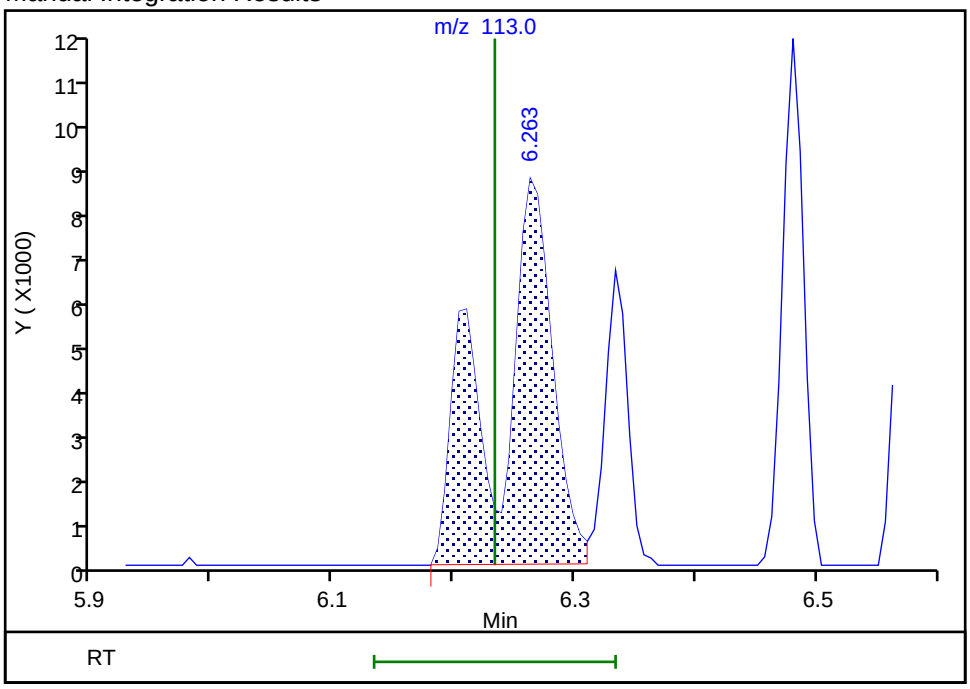
Processing Integration Results

RT: 6.21
Area: 9704
Amount: 9.643589
Amount Units: ug/ml



Manual Integration Results

RT: 6.26
Area: 26344
Amount: 26.413241
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:31:15
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

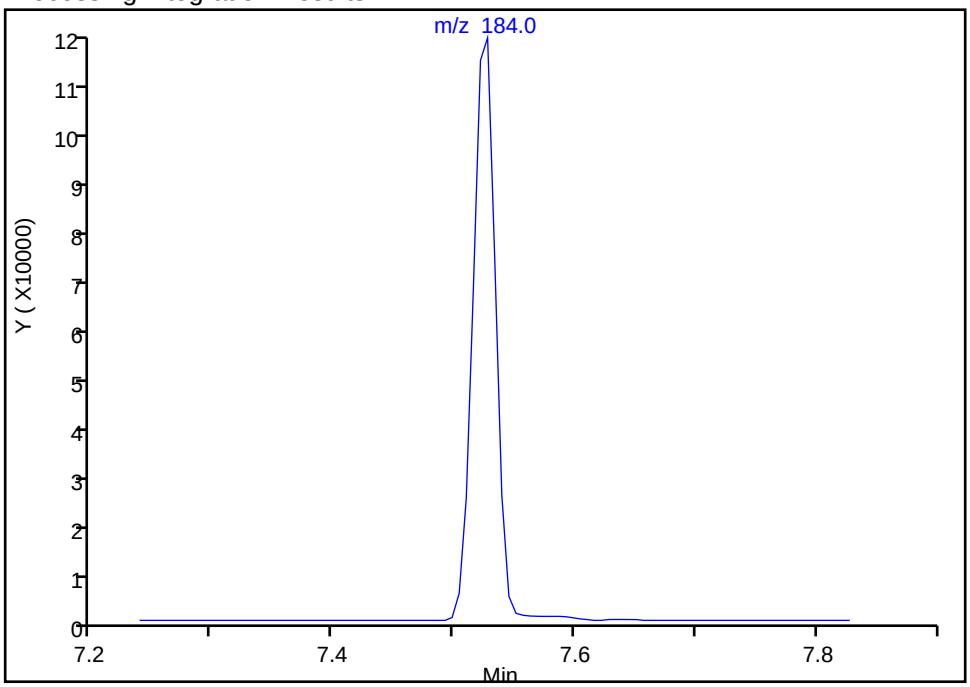
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32310.d				
Injection Date:	29-Jul-2020 14:06:30	Instrument ID:	CBNAMS12		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

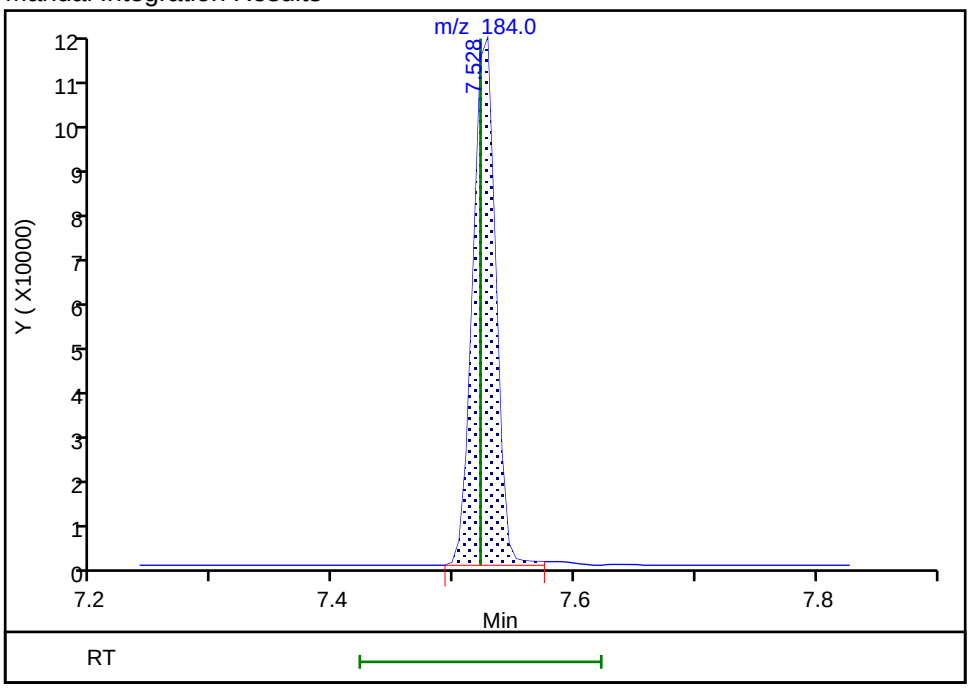
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.53
Area: 155164
Amount: 162.2961
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:31:21
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

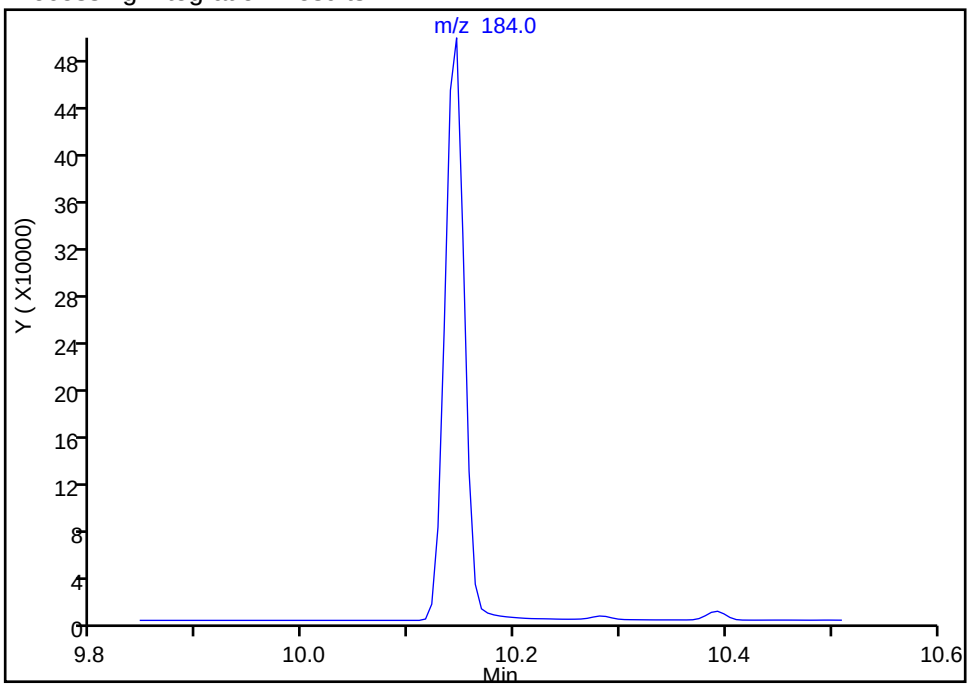
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32310.d
Injection Date: 29-Jul-2020 14:06:30 Instrument ID: CBNAMS12
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Benzidine, CAS: 92-87-5

Signal: 1

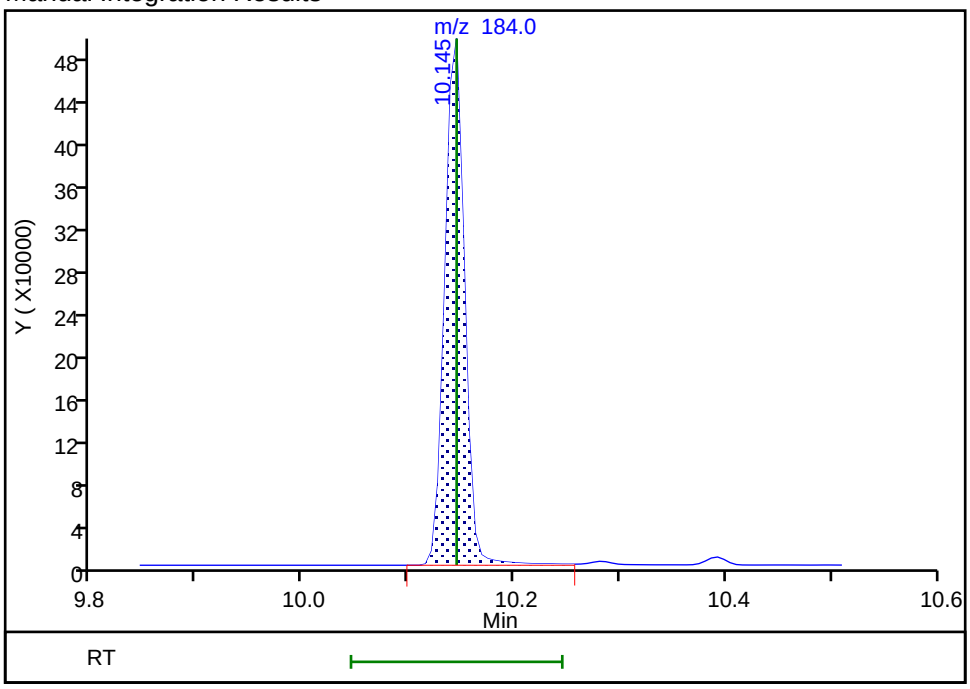
Not Detected
Expected RT: 10.15

Processing Integration Results



Manual Integration Results

RT: 10.15
Area: 636940
Amount: 79.069350
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:31:26
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32311.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Jul-2020 14:28:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-005
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:54:09 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1048

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 14:56:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.916	1.922	-0.006	92	30082	20.0	20.4	
2 N-Nitrosodimethylamine	74	2.152	2.157	-0.005	81	48846	20.0	20.0	
3 Pyridine	79	2.187	2.193	-0.006	76	159231	40.0	39.3	
$ 4 2-Fluorophenol	112	3.346	3.351	-0.005	90	75330	20.0	19.1	
5 Benzaldehyde	77	4.175	4.181	-0.006	93	51132	16.0	14.9	
$ 6 Phenol-d5	99	4.228	4.240	-0.012	0	95615	20.0	19.0	
7 Phenol	94	4.246	4.251	-0.005	98	101100	20.0	19.1	
8 Aniline	93	4.275	4.281	-0.006	99	128113	20.0	19.7	
9 Bis(2-chloroethyl)ether	93	4.334	4.340	-0.006	90	79466	20.0	20.2	
10 2-Chlorophenol	128	4.393	4.398	-0.005	93	82072	20.0	20.1	
11 n-Decane	43	4.446	4.451	-0.005	93	120895	20.0	20.5	
12 1,3-Dichlorobenzene	146	4.546	4.545	0.001	95	90311	20.0	20.0	
* 13 1,4-Dichlorobenzene-d4	152	4.593	4.598	-0.005	96	118639	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.610	4.616	-0.006	94	91506	20.0	20.1	
15 Benzyl alcohol	108	4.716	4.722	-0.006	91	51432	20.0	19.8	
16 1,2-Dichlorobenzene	146	4.757	4.763	-0.006	96	86835	20.0	20.2	
17 2-Methylphenol	108	4.822	4.828	-0.006	90	71723	20.0	20.0	
18 2,2'-oxybis[1-chloropropane]	45	4.851	4.851	0.000	91	157282	20.0	19.9	
130 N-Methylaniline	106	4.963	4.969	-0.006	0	126009	20.0	20.0	
19 4-Methylphenol	108	4.969	4.975	-0.006	76	83059	20.0	20.1	
22 Acetophenone	105	4.969	4.975	-0.006	85	113129	20.0	20.3	
20 3 & 4 Methylphenol	108	4.969	4.975	-0.006	86	83059	20.0	20.1	
21 N-Nitrosodi-n-propylamine	70	4.969	4.981	-0.012	93	61828	20.0	20.2	
25 Hexachloroethane	117	5.081	5.081	0.000	95	33498	20.0	20.7	
$ 26 Nitrobenzene-d5	82	5.116	5.122	-0.006	94	83008	20.0	19.4	
27 Nitrobenzene	123	5.134	5.140	-0.006	89	37844	20.0	20.6	
28 n,n'-Dimethylaniline	120	5.140	5.145	-0.005	93	118619	20.0	19.8	
29 Isophorone	82	5.357	5.363	-0.006	98	154591	20.0	20.2	
30 2-Nitrophenol	139	5.440	5.440	0.000	88	38032	20.0	20.0	
31 2,4-Dimethylphenol	122	5.475	5.481	-0.006	90	68866	20.0	20.0	
32 Bis(2-chloroethoxy)methane	93	5.563	5.569	-0.006	92	95371	20.0	20.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.545	5.581	-0.036	92	38836	20.0	20.2	
34 2,4-Dichlorophenol	162	5.663	5.669	-0.006	94	66697	20.0	20.6	
35 1,2,4-Trichlorobenzene	180	5.751	5.751	0.000	94	73801	20.0	20.5	
* 36 Naphthalene-d8	136	5.804	5.804	0.000	99	444939	40.0	40.0	
37 Naphthalene	128	5.822	5.828	-0.006	99	230761	20.0	20.4	
38 4-Chloroaniline	127	5.869	5.875	-0.006	96	98512	20.0	20.1	
131 2,6-Dichlorophenol	162	5.881	5.881	0.000	96	63297	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	96	39796	20.0	20.0	
40 Caprolactam	113	6.175	6.234	-0.059	84	17859	16.0	18.2	
41 4-Chloro-3-methylphenol	107	6.328	6.334	-0.006	98	67995	20.0	20.2	
42 2-Methylnaphthalene	142	6.481	6.481	0.000	85	156990	20.0	19.9	
43 1-Methylnaphthalene	142	6.575	6.575	0.000	93	148015	20.0	20.2	
44 Hexachlorocyclopentadiene	237	6.640	6.639	0.001	97	46269	20.0	19.4	
45 1,2,4,5-Tetrachlorobenzene	216	6.640	6.645	-0.005	97	72232	20.0	20.1	
46 2-tertbutyl-4-methylphenol	149	6.669	6.675	-0.006	91	100554	20.0	20.6	
48 2,4,6-Trichlorophenol	196	6.745	6.751	-0.006	89	48558	20.0	20.6	
49 2,4,5-Trichlorophenol	196	6.781	6.781	0.000	96	52014	20.0	19.6	
$ 50 2-Fluorobiphenyl	172	6.828	6.834	-0.006	98	168111	20.0	19.1	
51 1,1'-Biphenyl	154	6.922	6.922	0.000	97	192491	20.0	20.2	
52 2-Chloronaphthalene	162	6.940	6.939	0.001	98	143040	20.0	19.9	
53 Phenyl ether	170	7.022	7.028	-0.006	90	98764	20.0	20.0	
54 2-Nitroaniline	65	7.028	7.034	-0.006	95	55497	20.0	20.0	
55 1,3-Dimethylnaphthalene	156	7.145	7.151	-0.006	93	114890	20.0	20.3	
58 Dimethyl phthalate	163	7.210	7.216	-0.006	99	169712	20.0	20.4	
59 Coumarin	146	7.228	7.234	-0.006	76	56572	20.0	20.1	
60 2,6-Dinitrotoluene	165	7.257	7.269	-0.012	93	34754	20.0	20.9	
61 Acenaphthylene	152	7.328	7.334	-0.006	97	233747	20.0	20.0	
62 3-Nitroaniline	138	7.416	7.422	-0.006	92	42159	20.0	20.6	
* 63 Acenaphthene-d10	164	7.469	7.469	0.000	96	228271	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.492	7.492	0.000	98	122790	20.0	20.2	
65 Acenaphthene	154	7.498	7.498	0.000	96	152670	20.0	20.3	
66 2,4-Dinitrophenol	184	7.516	7.522	-0.006	90	28893	40.0	36.6	a
67 4-Nitrophenol	65	7.575	7.586	-0.011	93	69630	40.0	41.4	
68 2,4-Dinitrotoluene	165	7.639	7.645	-0.006	93	46246	20.0	21.3	
69 Dibenzofuran	168	7.657	7.663	-0.006	97	210569	20.0	19.9	
70 2,3,4,6-Tetrachlorophenol	232	7.775	7.781	-0.006	93	40238	20.0	19.8	
71 Diethyl phthalate	149	7.881	7.886	-0.005	98	180579	20.0	20.2	
74 Fluorene	166	7.981	7.986	-0.005	95	172160	20.0	20.3	
73 4-Chlorophenyl phenyl ether	204	7.981	7.986	-0.005	75	78573	20.0	20.5	
75 4-Nitroaniline	138	7.992	8.004	-0.012	95	41233	20.0	19.6	
76 4,6-Dinitro-2-methylphenol	198	8.028	8.034	-0.006	78	40249	40.0	38.5	
77 N-Nitrosodiphenylamine	169	8.092	8.098	-0.006	99	123635	20.0	20.1	
78 1,2-Diphenylhydrazine	77	8.134	8.139	-0.005	100	167456	20.0	19.8	
$ 79 2,4,6-Tribromophenol	330	8.210	8.216	-0.006	95	24311	20.0	20.2	
80 4-Bromophenyl phenyl ether	248	8.445	8.451	-0.006	89	47730	20.0	19.9	
81 Hexachlorobenzene	284	8.510	8.516	-0.006	97	53207	20.0	20.0	
82 Atrazine	200	8.598	8.604	-0.006	88	36519	16.0	16.8	
83 Pentachlorophenol	266	8.692	8.698	-0.006	93	60256	40.0	41.3	
84 Pentachloronitrobenzene	237	8.710	8.710	0.000	88	21339	20.0	20.5	
72 n-Octadecane	57	8.781	8.781	0.001	88	160309	20.0	20.4	
* 85 Phenanthrene-d10	188	8.869	8.869	0.000	99	426264	40.0	40.0	
86 Phenanthrene	178	8.886	8.892	-0.006	97	245993	20.0	20.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.933	8.939	-0.006	98	255791	20.0	20.1	
88 Carbazole	167	9.086	9.092	-0.006	96	245524	20.0	20.4	
89 Di-n-butyl phthalate	149	9.428	9.428	0.000	100	310608	20.0	20.4	
90 Fluoranthene	202	10.010	10.016	-0.006	98	285585	20.0	20.3	
91 Benzidine	184	10.139	10.145	-0.006	100	161090	20.0	20.0	a
92 Pyrene	202	10.228	10.233	-0.005	97	290255	20.0	20.1	
93 Bisphenol-A	213	10.275	10.280	-0.005	98	106313	20.0	19.9	
$ 94 Terphenyl-d14	244	10.386	10.392	-0.006	100	183753	20.0	19.5	
95 Butyl benzyl phthalate	149	10.904	10.910	-0.006	97	124004	20.0	20.4	
97 Carbamazepine	193	11.016	11.022	-0.006	95	106532	20.0	20.3	
98 3,3'-Dichlorobenzidine	252	11.504	11.510	-0.006	99	98759	20.0	21.0	
99 Benzo[a]anthracene	228	11.527	11.533	-0.006	99	256058	20.0	19.8	
* 100 Chrysene-d12	240	11.539	11.545	-0.006	99	364574	40.0	40.0	
101 Chrysene	228	11.569	11.574	-0.005	98	253437	20.0	20.5	
102 Bis(2-ethylhexyl) phthalate	149	11.592	11.598	-0.006	88	183618	20.0	20.3	
103 Di-n-octyl phthalate	149	12.463	12.469	-0.005	97	327110	20.0	20.6	
104 Benzo[b]fluoranthene	252	12.957	12.963	-0.006	98	267293	20.0	21.0	
105 Benzo[k]fluoranthene	252	12.992	13.004	-0.012	99	273908	20.0	20.2	
106 Benzo[a]pyrene	252	13.416	13.427	-0.011	97	234931	20.0	20.8	
* 107 Perylene-d12	264	13.510	13.516	-0.006	98	434727	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.157	15.174	-0.017	99	248345	20.0	20.9	
109 Dibenz(a,h)anthracene	278	15.204	15.221	-0.017	96	250711	20.0	21.5	
110 Benzo[g,h,i]perylene	276	15.627	15.657	-0.030	96	261771	20.0	20.0	
S 117 Total Cresols	1				0			40.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L6_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:54:10 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32311.d

Injection Date: 29-Jul-2020 14:28:30 Instrument ID: CBNAMS12 Operator ID:

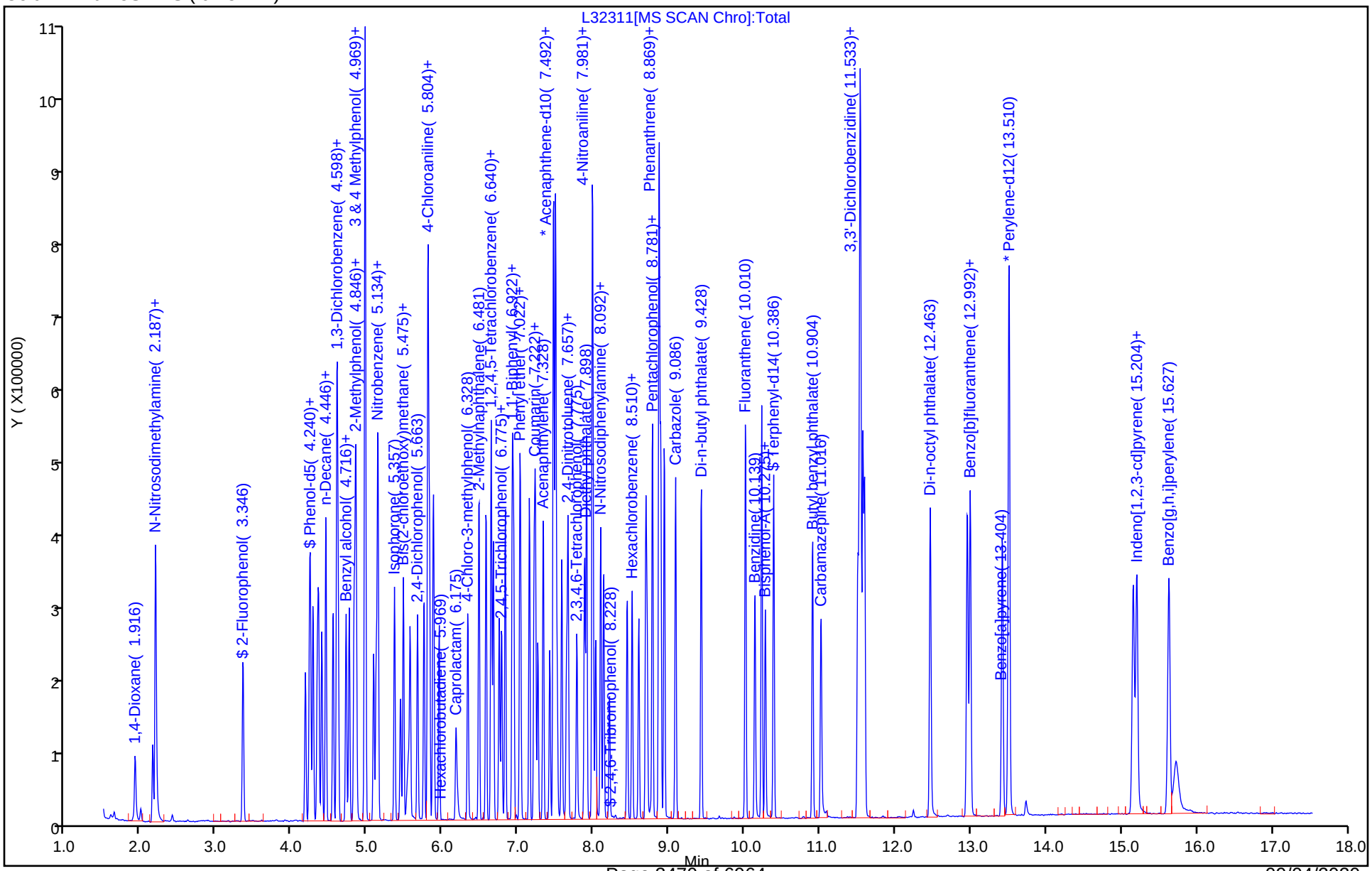
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

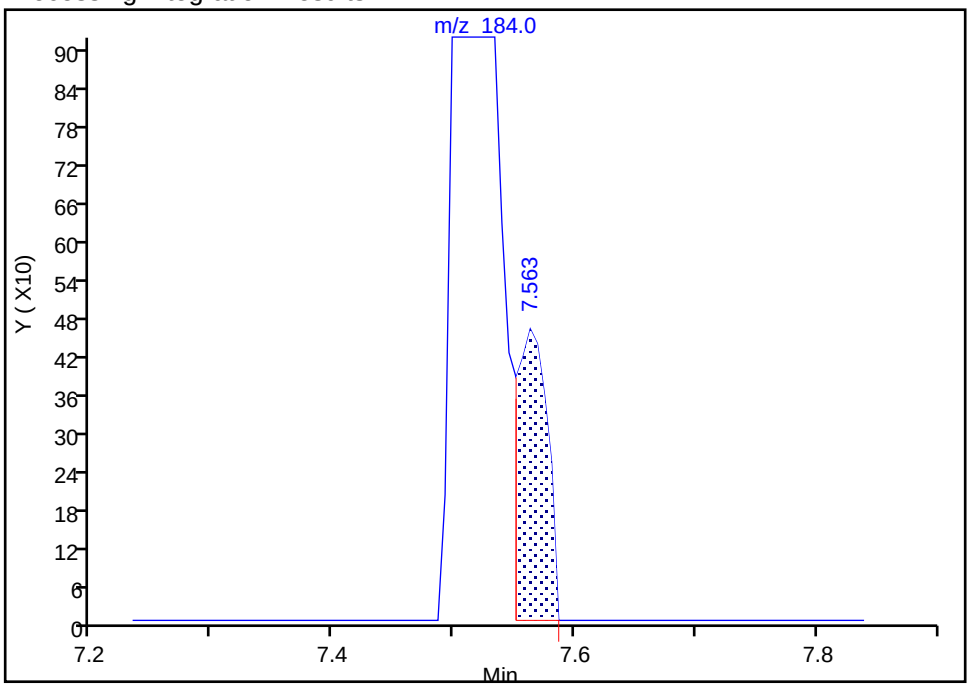
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32311.d				
Injection Date:	29-Jul-2020 14:28:30	Instrument ID:	CBNAMS12		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

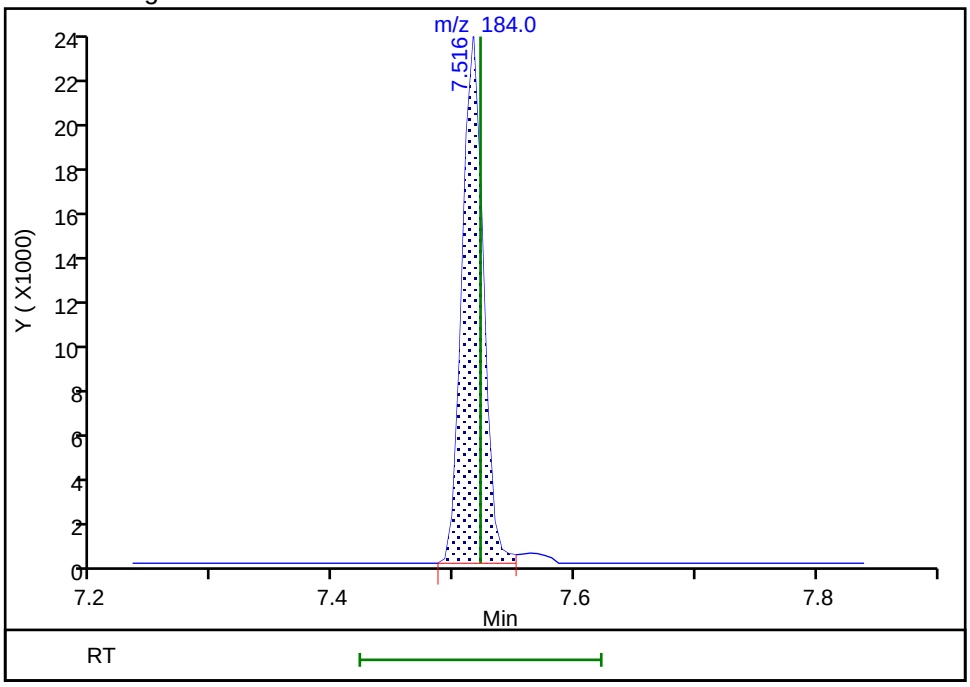
Processing Integration Results

RT: 7.56
Area: 808
Amount: 38.954085
Amount Units: ug/ml



Manual Integration Results

RT: 7.52
Area: 28893
Amount: 36.572318
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:55:47

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

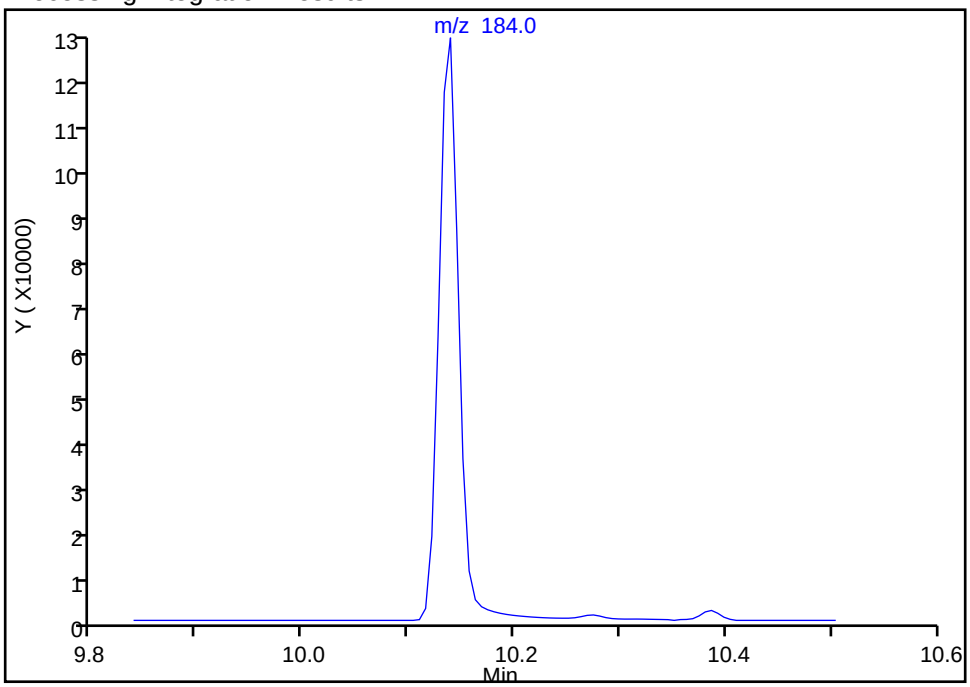
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32311.d				
Injection Date:	29-Jul-2020 14:28:30	Instrument ID:	CBNAMS12		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

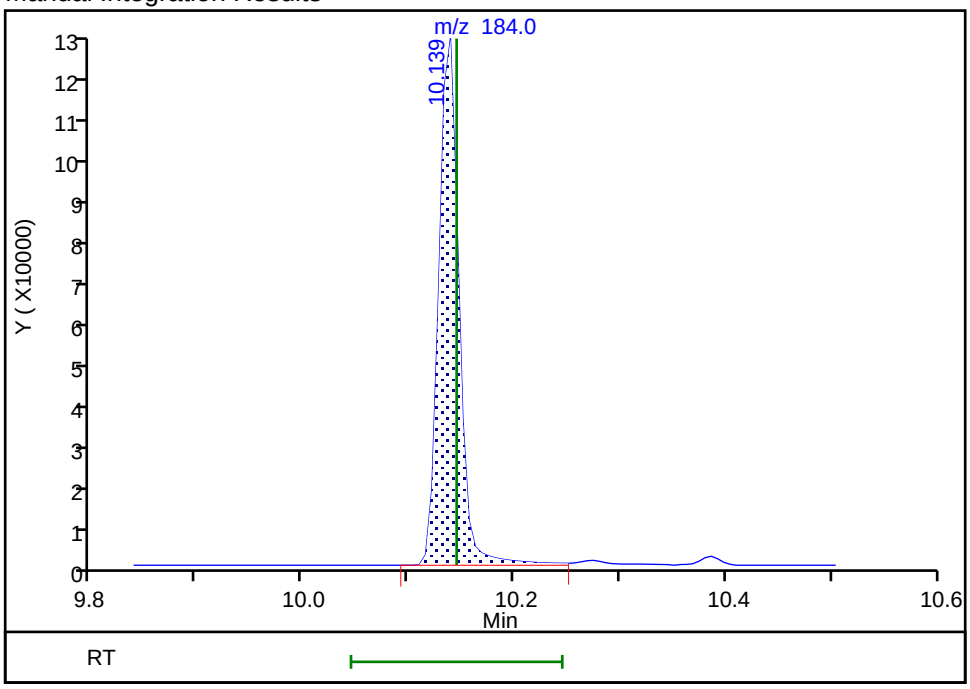
Not Detected
Expected RT: 10.15

Processing Integration Results



Manual Integration Results

RT: 10.14
Area: 161090
Amount: 19.972564
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 14:55:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32312.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Jul-2020 14:50:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-006
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:30:01 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 15:17:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.916	1.922	-0.006	91	15623	10.0	10.2	
2 N-Nitrosodimethylamine	74	2.152	2.157	-0.005	78	25692	10.0	10.2	
3 Pyridine	79	2.193	2.193	0.000	77	87019	20.0	20.7	
$ 4 2-Fluorophenol	112	3.346	3.351	-0.005	90	40000	10.0	9.78	
5 Benzaldehyde	77	4.175	4.181	-0.006	92	35730	10.0	10.1	
$ 6 Phenol-d5	99	4.228	4.240	-0.012	0	51887	10.0	9.98	
7 Phenol	94	4.240	4.251	-0.011	97	54809	10.0	9.98	
8 Aniline	93	4.275	4.281	-0.006	99	69810	10.0	10.4	
9 Bis(2-chloroethyl)ether	93	4.334	4.340	-0.006	90	42973	10.0	10.5	
10 2-Chlorophenol	128	4.393	4.398	-0.005	92	43583	10.0	10.3	
11 n-Decane	43	4.446	4.451	-0.005	91	65225	10.0	10.7	
12 1,3-Dichlorobenzene	146	4.540	4.545	-0.005	95	48842	10.0	10.4	
* 13 1,4-Dichlorobenzene-d4	152	4.593	4.598	-0.005	96	122869	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.610	4.616	-0.006	95	49029	10.0	10.4	
15 Benzyl alcohol	108	4.716	4.722	-0.006	91	27558	10.0	10.2	
16 1,2-Dichlorobenzene	146	4.757	4.763	-0.006	94	47479	10.0	10.6	
17 2-Methylphenol	108	4.822	4.828	-0.006	90	38223	10.0	10.3	
18 2,2'-oxybis[1-chloropropane]	45	4.852	4.851	0.001	92	87059	10.0	10.7	
130 N-Methylaniline	106	4.963	4.969	-0.006	0	66342	10.0	10.2	
19 4-Methylphenol	108	4.963	4.975	-0.012	76	44281	10.0	10.4	
22 Acetophenone	105	4.969	4.975	-0.006	87	60832	10.0	10.6	
20 3 & 4 Methylphenol	108	4.963	4.975	-0.012	86	44281	10.0	10.4	
21 N-Nitrosodi-n-propylamine	70	4.969	4.981	-0.012	94	32857	10.0	10.3	
25 Hexachloroethane	117	5.081	5.081	0.000	94	18183	10.0	10.8	
$ 26 Nitrobenzene-d5	82	5.110	5.122	-0.012	93	44845	10.0	10.1	
27 Nitrobenzene	123	5.134	5.140	-0.006	90	21016	10.0	11.0	
28 n,n'-Dimethylaniline	120	5.140	5.145	-0.005	94	63143	10.0	10.2	
29 Isophorone	82	5.357	5.363	-0.006	98	83543	10.0	10.6	
30 2-Nitrophenol	139	5.440	5.440	0.000	87	19926	10.0	10.1	
31 2,4-Dimethylphenol	122	5.475	5.481	-0.006	90	36584	10.0	10.3	
32 Bis(2-chloroethoxy)methane	93	5.563	5.569	-0.006	93	52194	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.528	5.581	-0.053	92	16319	10.0	9.90	
34 2,4-Dichlorophenol	162	5.663	5.669	-0.006	94	34752	10.0	10.4	
35 1,2,4-Trichlorobenzene	180	5.746	5.751	-0.005	94	39775	10.0	10.7	
* 36 Naphthalene-d8	136	5.799	5.804	-0.006	99	460773	40.0	40.0	
37 Naphthalene	128	5.822	5.828	-0.006	98	122686	10.0	10.5	
38 4-Chloroaniline	127	5.869	5.875	-0.006	95	53499	10.0	10.5	
131 2,6-Dichlorophenol	162	5.881	5.881	0.000	96	33933	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	96	21629	10.0	10.5	
40 Caprolactam	113	6.169	6.234	-0.065	84	11511	10.0	11.3	
41 4-Chloro-3-methylphenol	107	6.328	6.334	-0.006	97	35373	10.0	10.1	
42 2-Methylnaphthalene	142	6.475	6.481	-0.006	85	86428	10.0	10.6	
43 1-Methylnaphthalene	142	6.569	6.575	-0.006	92	80191	10.0	10.5	
44 Hexachlorocyclopentadiene	237	6.640	6.639	0.001	96	24631	10.0	10.0	
45 1,2,4,5-Tetrachlorobenzene	216	6.640	6.645	-0.005	97	38409	10.0	10.4	
46 2-tertbutyl-4-methylphenol	149	6.669	6.675	-0.006	90	51515	10.0	10.2	
48 2,4,6-Trichlorophenol	196	6.746	6.751	-0.005	89	25977	10.0	10.7	
49 2,4,5-Trichlorophenol	196	6.775	6.781	-0.006	97	27371	10.0	10.1	
$ 50 2-Fluorobiphenyl	172	6.828	6.834	-0.006	98	90973	10.0	10.0	
51 1,1'-Biphenyl	154	6.922	6.922	0.000	96	104394	10.0	10.7	
52 2-Chloronaphthalene	162	6.940	6.939	0.001	99	78024	10.0	10.6	
53 Phenyl ether	170	7.022	7.028	-0.006	91	52011	10.0	10.2	
54 2-Nitroaniline	65	7.028	7.034	-0.006	95	28740	10.0	10.1	
55 1,3-Dimethylnaphthalene	156	7.145	7.151	-0.006	91	58914	10.0	10.1	
58 Dimethyl phthalate	163	7.204	7.216	-0.012	98	91177	10.0	10.7	
59 Coumarin	146	7.222	7.234	-0.012	77	30203	10.0	10.4	
60 2,6-Dinitrotoluene	165	7.257	7.269	-0.012	92	18282	10.0	10.7	
61 Acenaphthylene	152	7.328	7.334	-0.006	98	128383	10.0	10.7	
62 3-Nitroaniline	138	7.416	7.422	-0.006	91	21148	10.0	10.0	
* 63 Acenaphthene-d10	164	7.463	7.469	-0.006	96	234721	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.493	7.492	0.001	98	64242	10.0	10.3	
65 Acenaphthene	154	7.493	7.498	-0.005	96	80497	10.0	10.4	
66 2,4-Dinitrophenol	184	7.510	7.522	-0.012	86	12631	20.0	18.9	a
67 4-Nitrophenol	65	7.575	7.586	-0.011	92	34853	20.0	20.2	
68 2,4-Dinitrotoluene	165	7.640	7.645	-0.005	93	24007	10.0	10.7	
69 Dibenzofuran	168	7.657	7.663	-0.006	96	115497	10.0	10.6	
70 2,3,4,6-Tetrachlorophenol	232	7.775	7.781	-0.006	93	21074	10.0	10.1	
71 Diethyl phthalate	149	7.875	7.886	-0.011	98	97350	10.0	10.6	
74 Fluorene	166	7.981	7.986	-0.005	97	92148	10.0	10.6	
73 4-Chlorophenyl phenyl ether	204	7.981	7.986	-0.005	75	42648	10.0	10.8	
75 4-Nitroaniline	138	7.992	8.004	-0.012	95	21283	10.0	9.86	
76 4,6-Dinitro-2-methylphenol	198	8.022	8.034	-0.012	78	18705	20.0	18.9	
77 N-Nitrosodiphenylamine	169	8.092	8.098	-0.006	100	67397	10.0	10.6	
78 1,2-Diphenylhydrazine	77	8.128	8.139	-0.011	100	91580	10.0	10.5	
$ 79 2,4,6-Tribromophenol	330	8.210	8.216	-0.006	95	12857	10.0	10.4	
80 4-Bromophenyl phenyl ether	248	8.445	8.451	-0.006	88	25935	10.0	10.5	
81 Hexachlorobenzene	284	8.510	8.516	-0.006	97	29015	10.0	10.6	
82 Atrazine	200	8.598	8.604	-0.006	88	23402	10.0	10.4	
83 Pentachlorophenol	266	8.692	8.698	-0.006	93	31138	20.0	20.7	
84 Pentachloronitrobenzene	237	8.704	8.710	-0.006	88	10697	10.0	9.97	
72 n-Octadecane	57	8.775	8.781	-0.005	89	86444	10.0	10.7	
* 85 Phenanthrene-d10	188	8.863	8.869	-0.006	99	438412	40.0	40.0	
86 Phenanthrene	178	8.887	8.892	-0.005	97	131726	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.934	8.939	-0.005	98	137924	10.0	10.6	
88 Carbazole	167	9.087	9.092	-0.005	95	130969	10.0	10.6	
89 Di-n-butyl phthalate	149	9.422	9.428	-0.006	100	166922	10.0	10.7	
90 Fluoranthene	202	10.010	10.016	-0.006	98	152692	10.0	10.6	
91 Benzidine	184	10.134	10.145	-0.011	99	86222	10.0	10.4	a
92 Pyrene	202	10.228	10.233	-0.005	98	158201	10.0	10.8	
93 Bisphenol-A	213	10.275	10.280	-0.005	98	51012	10.0	9.44	
$ 94 Terphenyl-d14	244	10.386	10.392	-0.006	100	97968	10.0	10.3	
95 Butyl benzyl phthalate	149	10.898	10.910	-0.012	97	61893	10.0	10.1	
97 Carbamazepine	193	11.010	11.022	-0.012	94	47729	10.0	8.99	
98 3,3'-Dichlorobenzidine	252	11.498	11.510	-0.012	99	48700	10.0	10.2	
99 Benzo[a]anthracene	228	11.522	11.533	-0.011	99	135508	10.0	10.3	
* 100 Chrysene-d12	240	11.533	11.545	-0.012	99	368346	40.0	40.0	
101 Chrysene	228	11.563	11.574	-0.011	99	131468	10.0	10.5	
102 Bis(2-ethylhexyl) phthalate	149	11.592	11.598	-0.006	88	95954	10.0	10.5	
103 Di-n-octyl phthalate	149	12.457	12.469	-0.011	97	161487	10.0	10.3	
104 Benzo[b]fluoranthene	252	12.951	12.963	-0.012	99	136249	10.0	10.8	
105 Benzo[k]fluoranthene	252	12.986	13.004	-0.018	99	143483	10.0	10.7	
106 Benzo[a]pyrene	252	13.416	13.427	-0.011	96	120321	10.0	10.8	
* 107 Perylene-d12	264	13.504	13.516	-0.012	97	430237	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.151	15.174	-0.023	98	124795	10.0	10.6	
109 Dibenz(a,h)anthracene	278	15.198	15.221	-0.023	96	127209	10.0	11.0	
110 Benzo[g,h,i]perylene	276	15.616	15.657	-0.041	96	133169	10.0	10.3	
S 117 Total Cresols	1				0			20.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L5_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:30:02 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32312.d

Injection Date: 29-Jul-2020 14:50:30 Instrument ID: CBNAMS12 Operator ID:

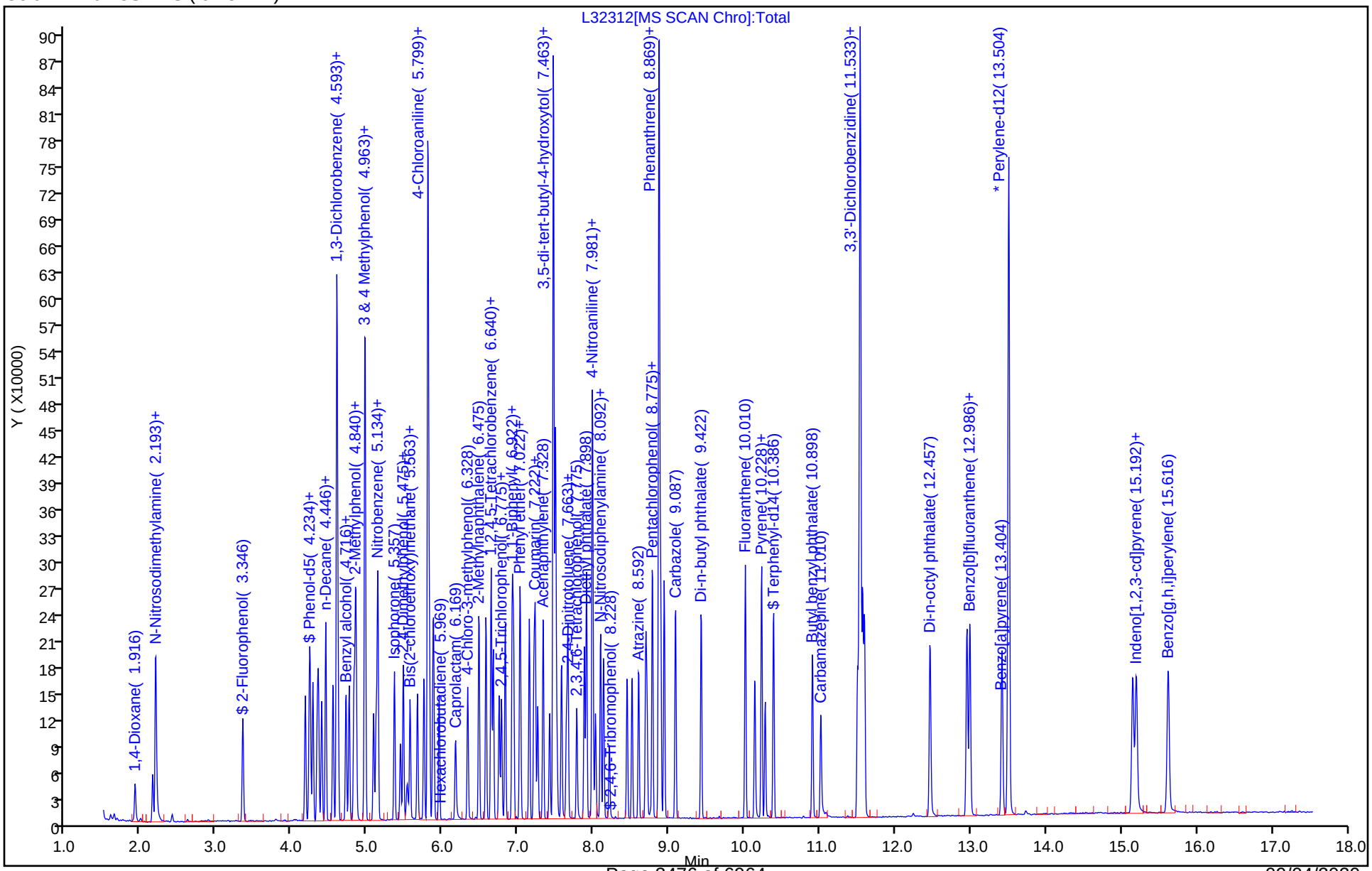
Lims ID: STD10 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

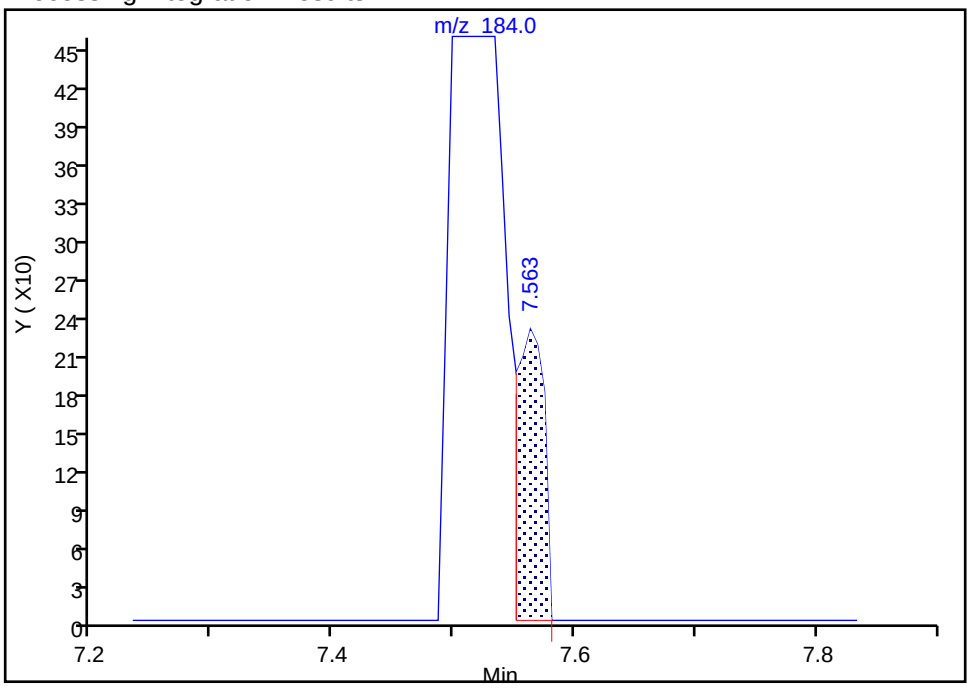
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32312.d
Injection Date: 29-Jul-2020 14:50:30 Instrument ID: CBNAMS12
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

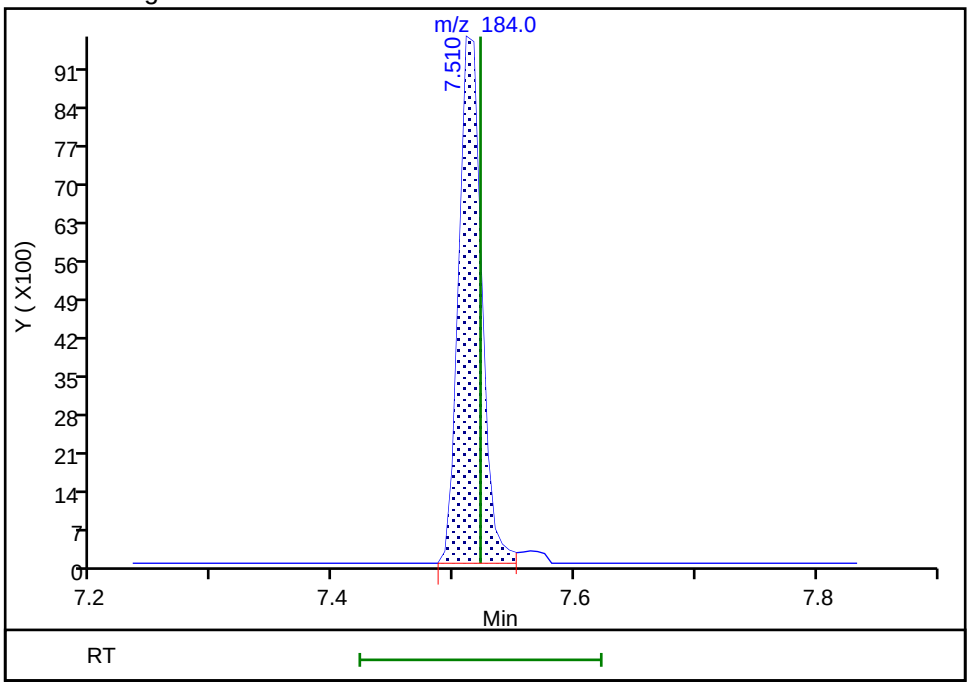
Processing Integration Results

RT: 7.56
Area: 358
Amount: 18.974607
Amount Units: ug/ml



Manual Integration Results

RT: 7.51
Area: 12631
Amount: 18.877664
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:17:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

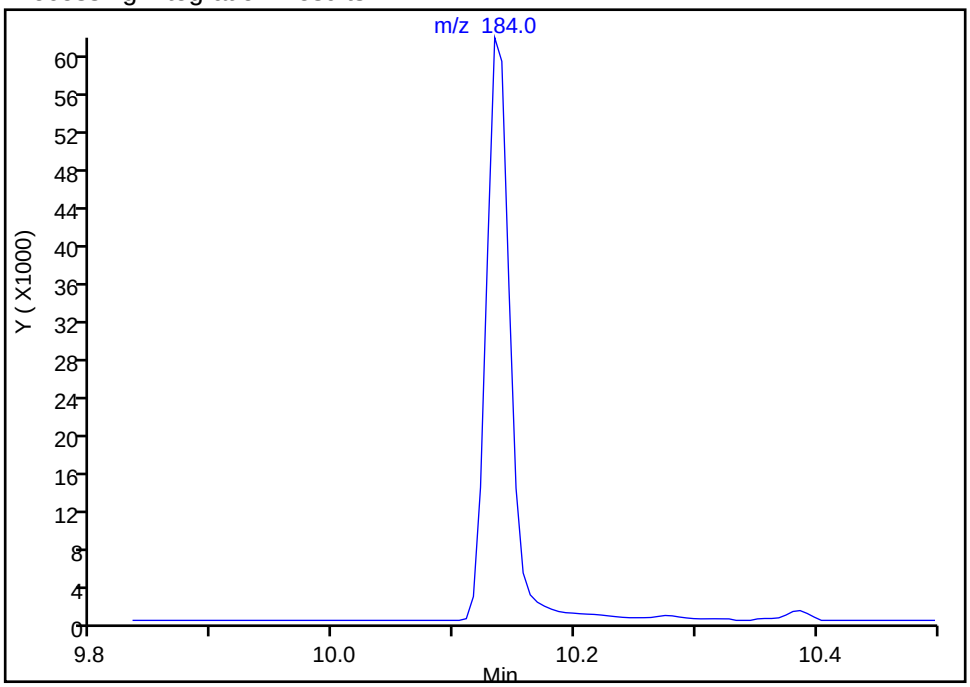
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32312.d				
Injection Date:	29-Jul-2020 14:50:30	Instrument ID:	CBNAMS12		
Lims ID:	STD10				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

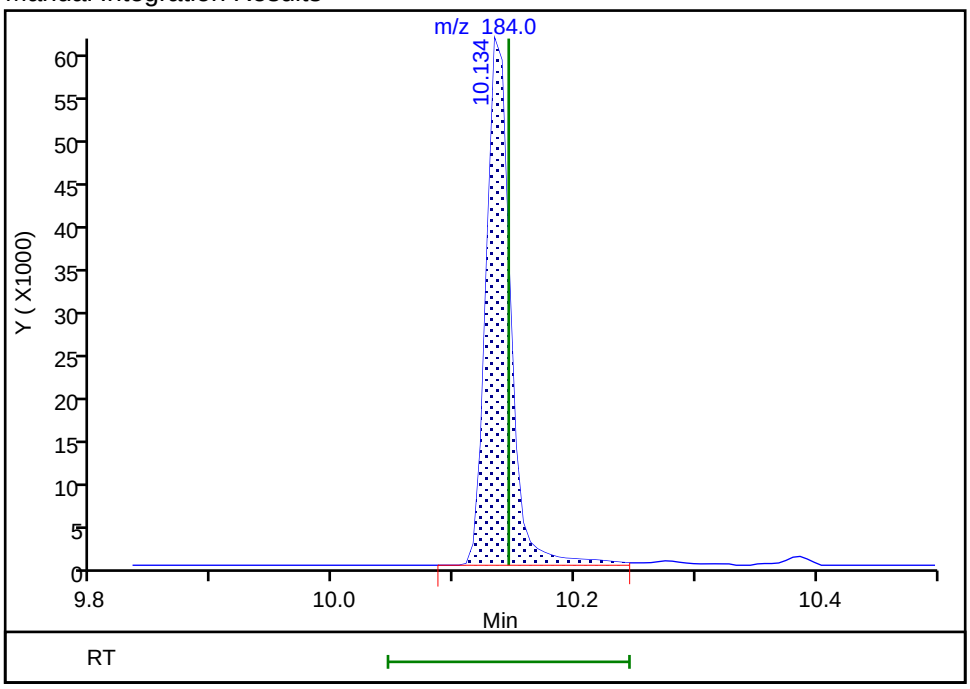
Not Detected
Expected RT: 10.15

Processing Integration Results



Manual Integration Results

RT: 10.13
Area: 86222
Amount: 10.393925
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:17:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32313.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Jul-2020 15:13:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-007
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:30:08 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 15:36:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.928	1.922	0.006	91	8511	5.00	5.18	
2 N-Nitrosodimethylamine	74	2.157	2.157	0.000	80	13331	5.00	4.91	
3 Pyridine	79	2.199	2.193	0.006	76	45519	10.0	10.1	
$ 4 2-Fluorophenol	112	3.357	3.351	0.006	91	22188	5.00	5.05	
5 Benzaldehyde	77	4.181	4.181	0.000	92	19870	5.00	5.20	
$ 6 Phenol-d5	99	4.228	4.240	-0.012	0	27115	5.00	4.85	
7 Phenol	94	4.245	4.251	-0.006	98	29011	5.00	4.92	
8 Aniline	93	4.281	4.281	0.000	99	36436	5.00	5.03	
9 Bis(2-chloroethyl)ether	93	4.334	4.340	-0.006	89	22596	5.00	5.16	
10 2-Chlorophenol	128	4.393	4.398	-0.006	92	22665	5.00	5.00	
11 n-Decane	43	4.445	4.451	-0.006	92	34231	5.00	5.21	
12 1,3-Dichlorobenzene	146	4.545	4.545	0.000	95	26373	5.00	5.24	
* 13 1,4-Dichlorobenzene-d4	152	4.598	4.598	0.000	96	132095	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.610	4.616	-0.006	92	26356	5.00	5.20	
15 Benzyl alcohol	108	4.716	4.722	-0.006	91	14167	5.00	4.90	
16 1,2-Dichlorobenzene	146	4.757	4.763	-0.006	95	24395	5.00	5.09	
17 2-Methylphenol	108	4.822	4.828	-0.006	90	20220	5.00	5.07	
18 2,2'-oxybis[1-chloropropane]	45	4.851	4.851	0.000	93	47114	5.00	5.37	
130 N-Methylaniline	106	4.963	4.969	-0.006	0	35017	5.00	4.99	
19 4-Methylphenol	108	4.969	4.975	-0.006	77	24199	5.00	5.27	
22 Acetophenone	105	4.969	4.975	-0.006	84	32591	5.00	5.26	
20 3 & 4 Methylphenol	108	4.969	4.975	-0.006	87	24199	5.00	5.27	
21 N-Nitrosodi-n-propylamine	70	4.969	4.981	-0.012	94	17212	5.00	5.04	
25 Hexachloroethane	117	5.081	5.081	0.000	93	9493	5.00	5.26	
$ 26 Nitrobenzene-d5	82	5.116	5.122	-0.006	92	23849	5.00	4.99	
27 Nitrobenzene	123	5.134	5.140	-0.006	90	10617	5.00	5.18	
28 n,n'-Dimethylaniline	120	5.140	5.145	-0.005	94	33543	5.00	5.04	
29 Isophorone	82	5.357	5.363	-0.006	98	44770	5.00	5.25	
30 2-Nitrophenol	139	5.440	5.440	0.000	86	9565	5.00	4.50	
31 2,4-Dimethylphenol	122	5.475	5.481	-0.006	90	19424	5.00	5.07	
32 Bis(2-chloroethoxy)methane	93	5.563	5.569	-0.006	91	26793	5.00	5.05	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.516	5.581	-0.065	86	5369	5.00	5.02	
34 2,4-Dichlorophenol	162	5.663	5.669	-0.006	94	18512	5.00	5.13	
35 1,2,4-Trichlorobenzene	180	5.751	5.751	0.000	96	20610	5.00	5.13	
* 36 Naphthalene-d8	136	5.798	5.804	-0.006	99	496228	40.0	40.0	
37 Naphthalene	128	5.822	5.828	-0.006	98	65770	5.00	5.21	
38 4-Chloroaniline	127	5.869	5.875	-0.006	96	27926	5.00	5.11	
131 2,6-Dichlorophenol	162	5.881	5.881	0.000	93	17259	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	95	11250	5.00	5.08	
40 Caprolactam	113	6.163	6.234	-0.071	84	5414	5.00	4.95	
41 4-Chloro-3-methylphenol	107	6.328	6.334	-0.006	98	19027	5.00	5.07	
42 2-Methylnaphthalene	142	6.475	6.481	-0.006	84	45418	5.00	5.17	
43 1-Methylnaphthalene	142	6.569	6.575	-0.006	92	41492	5.00	5.07	
44 Hexachlorocyclopentadiene	237	6.639	6.639	0.000	96	12384	5.00	4.79	
45 1,2,4,5-Tetrachlorobenzene	216	6.639	6.645	-0.006	95	19950	5.00	5.12	
46 2-tertbutyl-4-methylphenol	149	6.669	6.675	-0.006	90	25804	5.00	4.74	
48 2,4,6-Trichlorophenol	196	6.745	6.751	-0.006	88	12692	5.00	4.96	
49 2,4,5-Trichlorophenol	196	6.775	6.781	-0.006	95	13750	5.00	4.79	
$ 50 2-Fluorobiphenyl	172	6.828	6.834	-0.006	98	47443	5.00	4.97	
51 1,1'-Biphenyl	154	6.922	6.922	0.000	96	53457	5.00	5.18	
52 2-Chloronaphthalene	162	6.934	6.939	-0.005	97	40913	5.00	5.25	
53 Phenyl ether	170	7.022	7.028	-0.006	90	27113	5.00	5.06	
54 2-Nitroaniline	65	7.028	7.034	-0.006	94	14794	5.00	4.92	
55 1,3-Dimethylnaphthalene	156	7.145	7.151	-0.006	91	31472	5.00	5.13	
58 Dimethyl phthalate	163	7.204	7.216	-0.012	97	46085	5.00	5.11	
59 Coumarin	146	7.222	7.234	-0.012	76	15184	5.00	4.83	
60 2,6-Dinitrotoluene	165	7.257	7.269	-0.012	91	9129	5.00	5.07	
61 Acenaphthylene	152	7.328	7.334	-0.006	98	66443	5.00	5.24	
62 3-Nitroaniline	138	7.416	7.422	-0.006	91	10372	5.00	4.67	
* 63 Acenaphthene-d10	164	7.463	7.469	-0.006	97	247412	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.486	7.492	-0.006	99	32929	5.00	5.00	
65 Acenaphthene	154	7.492	7.498	-0.006	96	42172	5.00	5.17	
66 2,4-Dinitrophenol	184	7.516	7.522	-0.006	85	5123	10.0	10.7	a
67 4-Nitrophenol	65	7.569	7.586	-0.017	91	16503	10.0	9.06	
68 2,4-Dinitrotoluene	165	7.639	7.645	-0.006	91	11492	5.00	4.88	
69 Dibenzofuran	168	7.657	7.663	-0.006	97	60858	5.00	5.31	
70 2,3,4,6-Tetrachlorophenol	232	7.775	7.781	-0.006	92	10573	5.00	4.79	
71 Diethyl phthalate	149	7.875	7.886	-0.011	98	50200	5.00	5.19	
74 Fluorene	166	7.981	7.986	-0.005	95	48137	5.00	5.25	
73 4-Chlorophenyl phenyl ether	204	7.981	7.986	-0.005	75	21349	5.00	5.15	
75 4-Nitroaniline	138	7.986	8.004	-0.018	97	10983	5.00	4.83	
76 4,6-Dinitro-2-methylphenol	198	8.022	8.034	-0.012	73	7087	10.0	8.60	
77 N-Nitrosodiphenylamine	169	8.092	8.098	-0.006	99	34303	5.00	5.17	
78 1,2-Diphenylhydrazine	77	8.128	8.139	-0.011	99	48138	5.00	5.30	
$ 79 2,4,6-Tribromophenol	330	8.210	8.216	-0.006	94	6428	5.00	4.94	
80 4-Bromophenyl phenyl ether	248	8.445	8.451	-0.006	88	13256	5.00	5.13	
81 Hexachlorobenzene	284	8.510	8.516	-0.006	97	14608	5.00	5.10	
82 Atrazine	200	8.592	8.604	-0.012	88	11813	5.00	5.03	
83 Pentachlorophenol	266	8.692	8.698	-0.006	92	14559	10.0	9.27	
84 Pentachloronitrobenzene	237	8.704	8.710	-0.006	87	5143	5.00	4.58	
72 n-Octadecane	57	8.775	8.781	-0.005	88	44337	5.00	5.24	
* 85 Phenanthrene-d10	188	8.863	8.869	-0.006	99	459025	40.0	40.0	
86 Phenanthrene	178	8.886	8.892	-0.006	98	69307	5.00	5.25	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.933	8.939	-0.006	98	70483	5.00	5.15	
88 Carbazole	167	9.086	9.092	-0.006	95	66470	5.00	5.13	
89 Di-n-butyl phthalate	149	9.422	9.428	-0.006	100	82488	5.00	5.03	
90 Fluoranthene	202	10.010	10.016	-0.006	98	77608	5.00	5.13	
91 Benzidine	184	10.133	10.145	-0.012	99	43797	5.00	5.04	a
92 Pyrene	202	10.227	10.233	-0.006	97	78521	5.00	5.09	
93 Bisphenol-A	213	10.274	10.280	-0.006	98	22885	5.00	4.01	
$ 94 Terphenyl-d14	244	10.386	10.392	-0.006	100	50850	5.00	5.06	
95 Butyl benzyl phthalate	149	10.898	10.910	-0.012	97	28907	5.00	4.45	
97 Carbamazepine	193	11.010	11.022	-0.012	94	22528	5.00	4.02	
98 3,3'-Dichlorobenzidine	252	11.498	11.510	-0.012	98	24156	5.00	4.81	
99 Benzo[a]anthracene	228	11.521	11.533	-0.012	99	71524	5.00	5.17	
* 100 Chrysene-d12	240	11.533	11.545	-0.012	99	388946	40.0	40.0	
101 Chrysene	228	11.563	11.574	-0.011	98	68294	5.00	5.19	
102 Bis(2-ethylhexyl) phthalate	149	11.592	11.598	-0.006	88	44906	5.00	4.65	
103 Di-n-octyl phthalate	149	12.457	12.469	-0.011	97	76835	5.00	4.61	
104 Benzo[b]fluoranthene	252	12.951	12.963	-0.012	99	71259	5.00	5.34	
105 Benzo[k]fluoranthene	252	12.986	13.004	-0.018	99	72949	5.00	5.13	
106 Benzo[a]pyrene	252	13.415	13.427	-0.012	96	60755	5.00	5.12	
* 107 Perylene-d12	264	13.504	13.516	-0.012	97	456221	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.145	15.174	-0.029	98	60250	5.00	4.83	
109 Dibenz(a,h)anthracene	278	15.192	15.221	-0.029	97	63938	5.00	5.22	
110 Benzo[g,h,i]perylene	276	15.615	15.657	-0.042	96	68960	5.00	5.02	
S 117 Total Cresols	1				0			10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L4_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:30:09 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32313.d

Injection Date: 29-Jul-2020 15:13:30 Instrument ID: CBNAMS12 Operator ID:

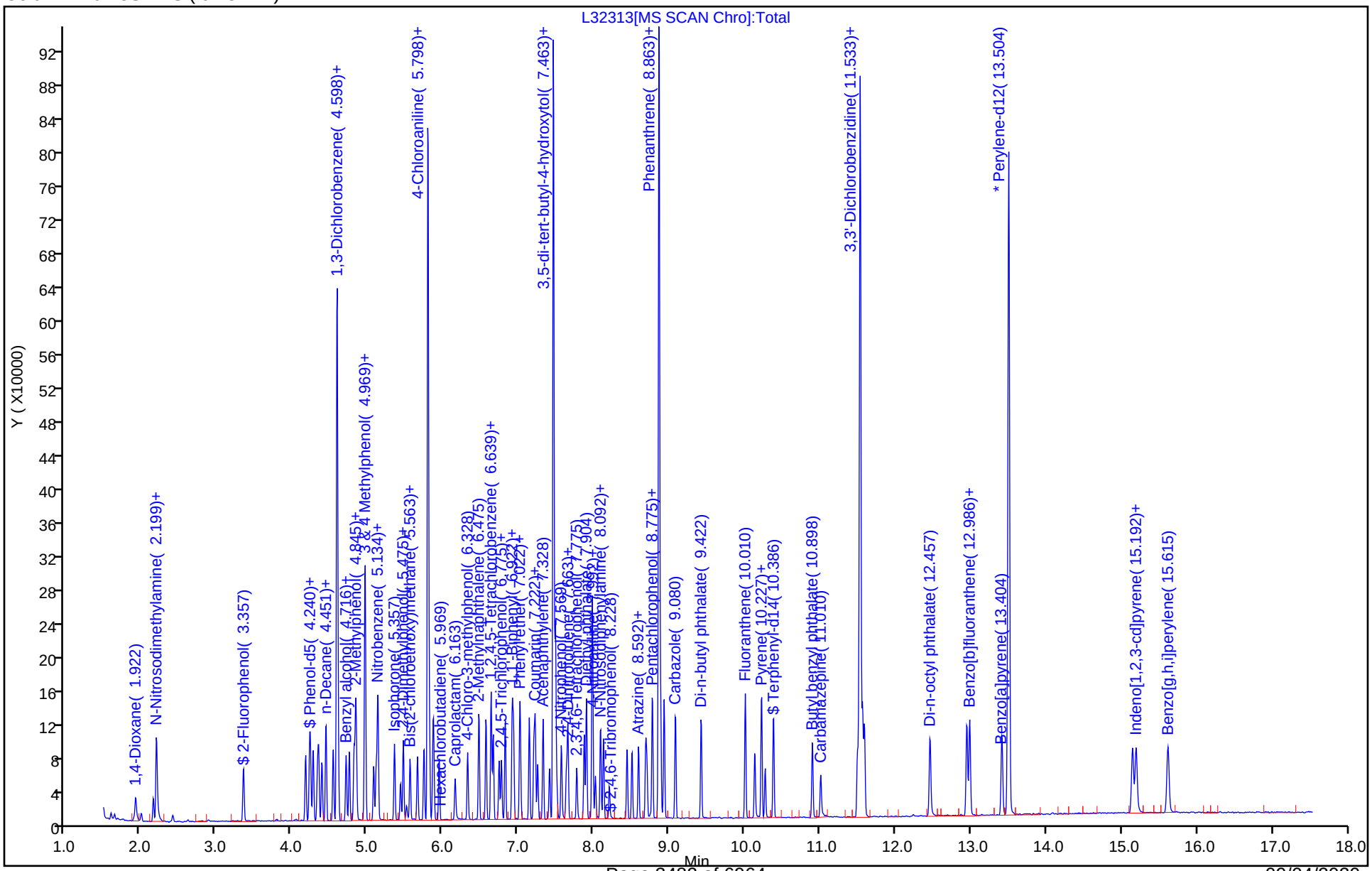
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

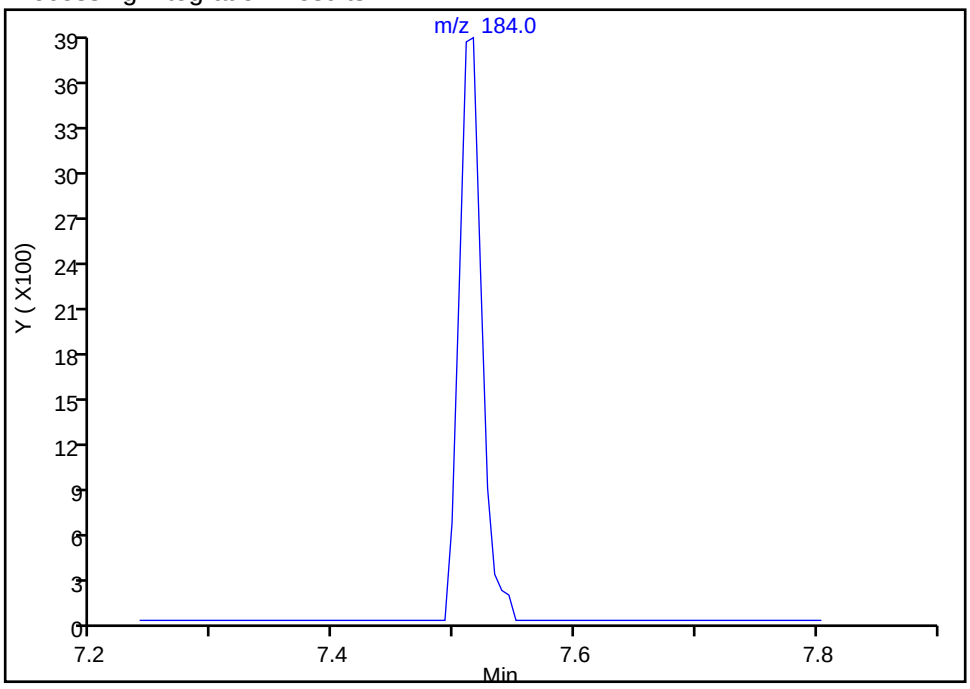
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32313.d
Injection Date: 29-Jul-2020 15:13:30 Instrument ID: CBNAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

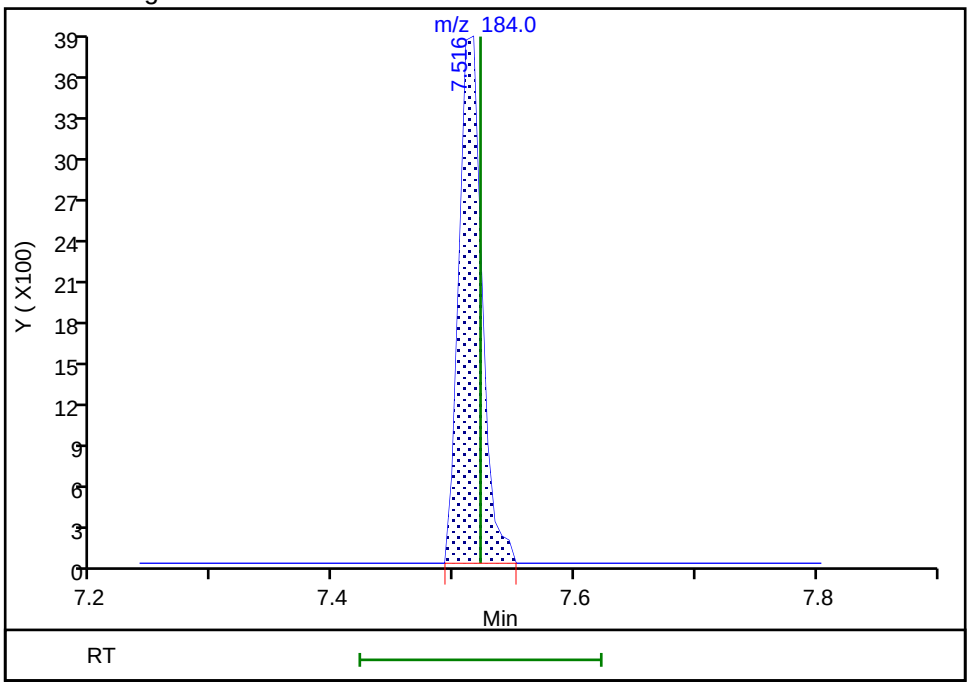
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.52
Area: 5123
Amount: 10.744154
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:36:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

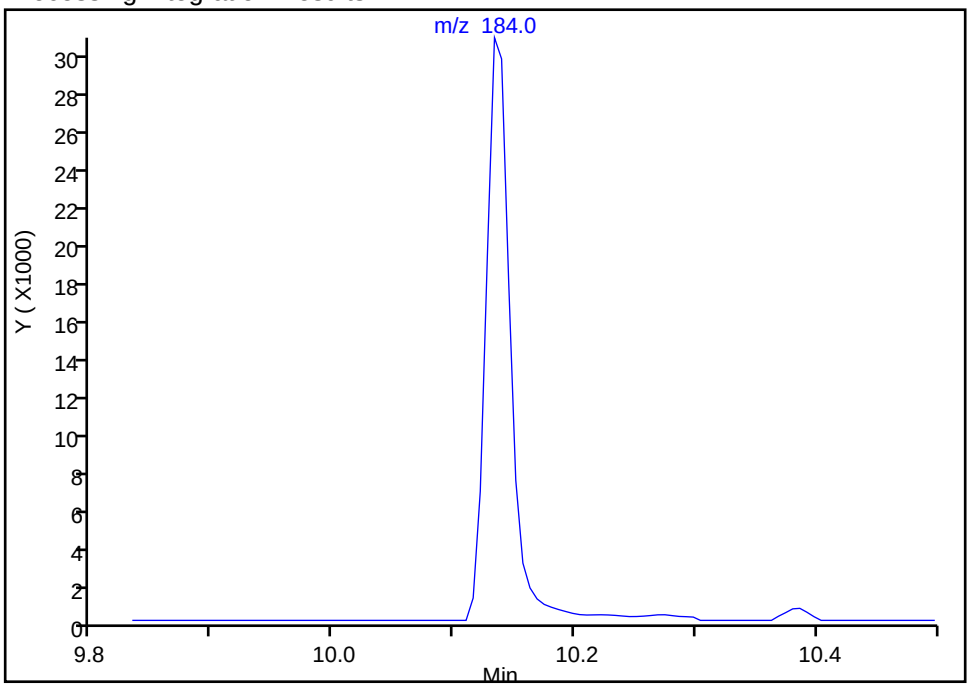
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32313.d				
Injection Date:	29-Jul-2020 15:13:30	Instrument ID:	CBNAMS12		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

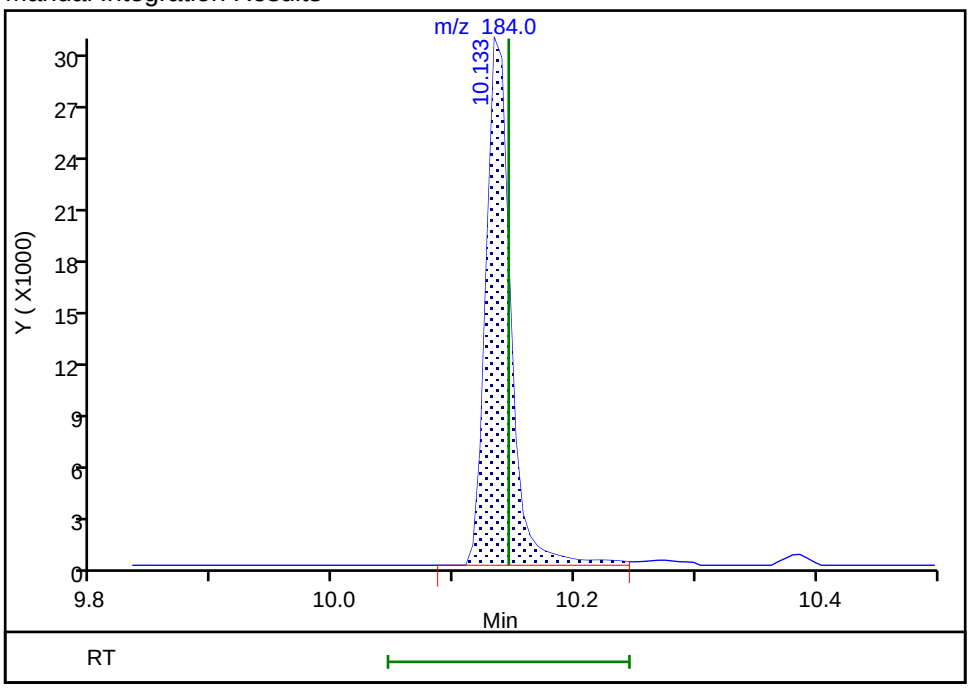
Not Detected
Expected RT: 10.15

Processing Integration Results



Manual Integration Results

RT: 10.13
Area: 43797
Amount: 5.042570
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:36:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32314.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Jul-2020 15:35:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-008
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:54:43 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1048

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 15:58:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.922	1.922	0.000	95	3379	2.00	2.09	
$ 4 2-Fluorophenol	112	3.346	3.351	-0.005	90	8391	2.00	1.94	
5 Benzaldehyde	77	4.175	4.181	-0.006	89	7520	2.00	2.00	
$ 6 Phenol-d5	99	4.228	4.240	-0.012	0	10772	2.00	1.96	
9 Bis(2-chloroethyl)ether	93	4.334	4.340	-0.006	88	8405	2.00	1.95	
* 13 1,4-Dichlorobenzene-d4	152	4.593	4.598	-0.005	97	130171	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.969	4.981	-0.012	94	6731	2.00	2.00	
25 Hexachloroethane	117	5.081	5.081	0.000	92	3571	2.00	2.01	
$ 26 Nitrobenzene-d5	82	5.110	5.122	-0.012	93	9796	2.00	2.10	
27 Nitrobenzene	123	5.134	5.140	-0.006	87	4015	2.00	1.99	
28 n,n'-Dimethylaniline	120	5.140	5.145	-0.005	93	12447	2.00	1.90	
29 Isophorone	82	5.357	5.363	-0.006	98	15754	2.00	1.89	
34 2,4-Dichlorophenol	162	5.663	5.669	-0.006	93	6115	2.00	1.73	
35 1,2,4-Trichlorobenzene	180	5.745	5.751	-0.006	94	8027	2.00	2.04	
* 36 Naphthalene-d8	136	5.798	5.804	-0.006	99	485129	40.0	40.0	
131 2,6-Dichlorophenol	162	5.881	5.881	0.000	94	6150	NC	NC	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	95	4643	2.00	2.14	
40 Caprolactam	113	6.157	6.234	-0.077	83	1806	2.00	1.69	
48 2,4,6-Trichlorophenol	196	6.745	6.751	-0.006	88	4334	2.00	1.74	
$ 50 2-Fluorobiphenyl	172	6.828	6.834	-0.006	97	19457	2.00	2.10	
60 2,6-Dinitrotoluene	165	7.257	7.269	-0.012	89	3118	2.00	1.78	
* 63 Acenaphthene-d10	164	7.463	7.469	-0.006	97	240552	40.0	40.0	
66 2,4-Dinitrophenol	184	7.510	7.522	-0.012	70	952	4.00	6.61	a
68 2,4-Dinitrotoluene	165	7.639	7.645	-0.006	91	3980	2.00	1.74	a
76 4,6-Dinitro-2-methylphenol	198	8.022	8.034	-0.012	67	1803	4.00	4.27	
$ 79 2,4,6-Tribromophenol	330	8.210	8.216	-0.006	91	2151	2.00	1.70	
81 Hexachlorobenzene	284	8.510	8.516	-0.006	95	5909	2.00	2.10	
82 Atrazine	200	8.592	8.604	-0.012	86	4116	2.00	1.78	
83 Pentachlorophenol	266	8.692	8.698	-0.006	89	4294	4.00	2.78	a
* 85 Phenanthrene-d10	188	8.863	8.869	-0.006	99	451641	40.0	40.0	
$ 94 Terphenyl-d14	244	10.380	10.392	-0.012	99	19399	2.00	2.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
98 3,3'-Dichlorobenzidine	252	11.498	11.510	-0.012	96	8332	2.00	1.75	
99 Benzo[a]anthracene	228	11.521	11.533	-0.012	99	25293	2.00	1.93	
* 100 Chrysene-d12	240	11.533	11.545	-0.012	99	368036	40.0	40.0	
104 Benzo[b]fluoranthene	252	12.945	12.963	-0.018	98	23464	2.00	1.87	
105 Benzo[k]fluoranthene	252	12.986	13.004	-0.018	99	28312	2.00	2.12	
106 Benzo[a]pyrene	252	13.410	13.427	-0.017	97	22068	2.00	1.98	
* 107 Perylene-d12	264	13.504	13.516	-0.012	97	428960	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.145	15.174	-0.029	98	21740	2.00	1.85	
109 Dibenz(a,h)anthracene	278	15.192	15.221	-0.029	94	21857	2.00	1.90	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L3_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:54:43 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32314.d

Injection Date: 29-Jul-2020 15:35:30 Instrument ID: CBNAMS12 Operator ID:

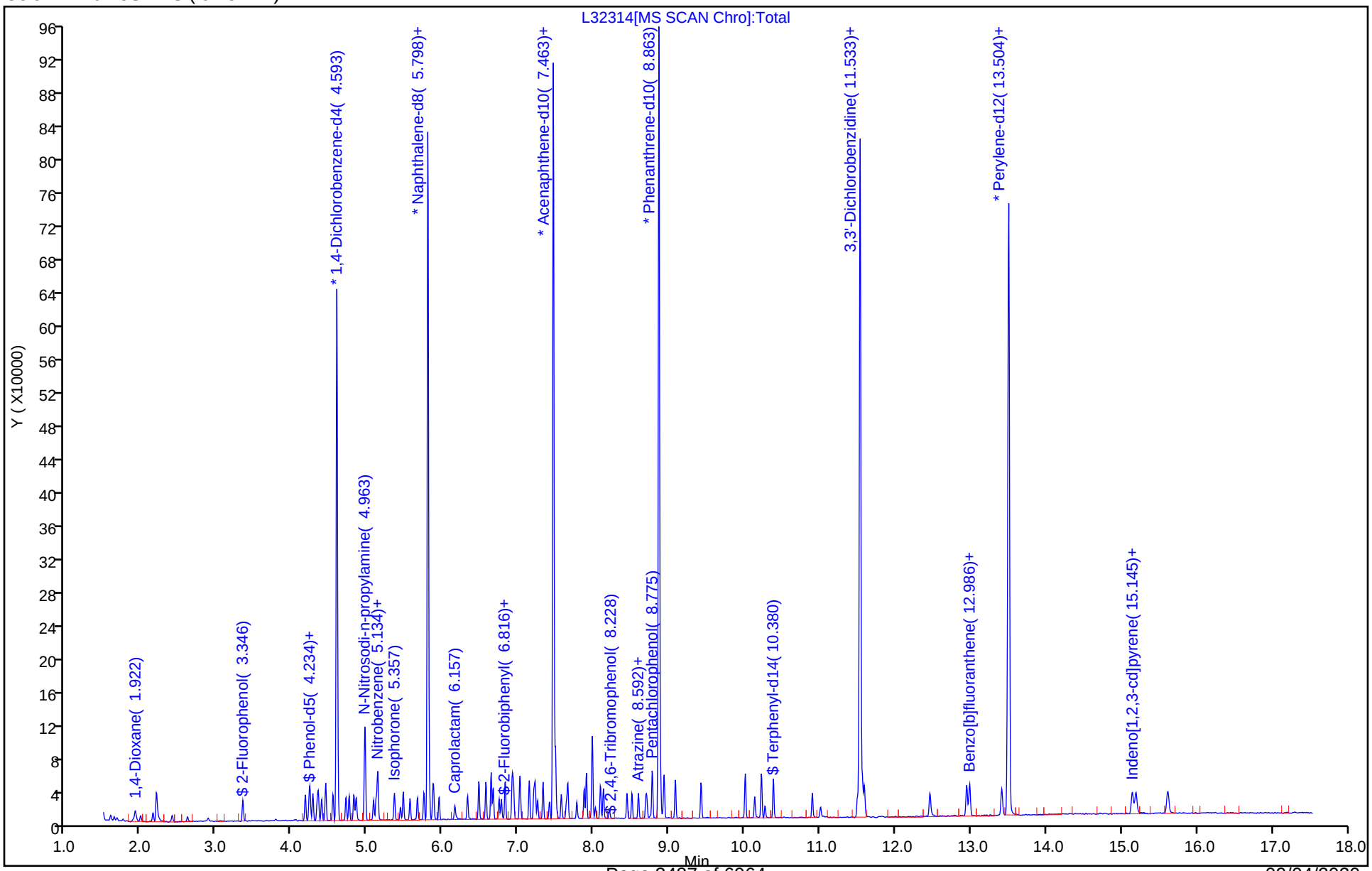
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

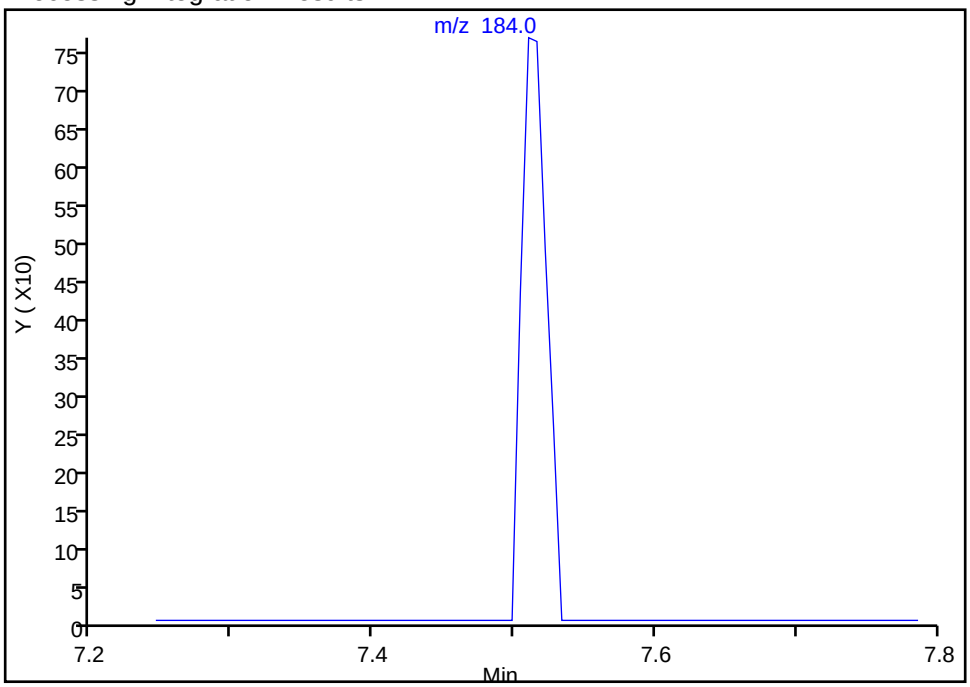
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32314.d				
Injection Date:	29-Jul-2020 15:35:30	Instrument ID:	CBNAMS12		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

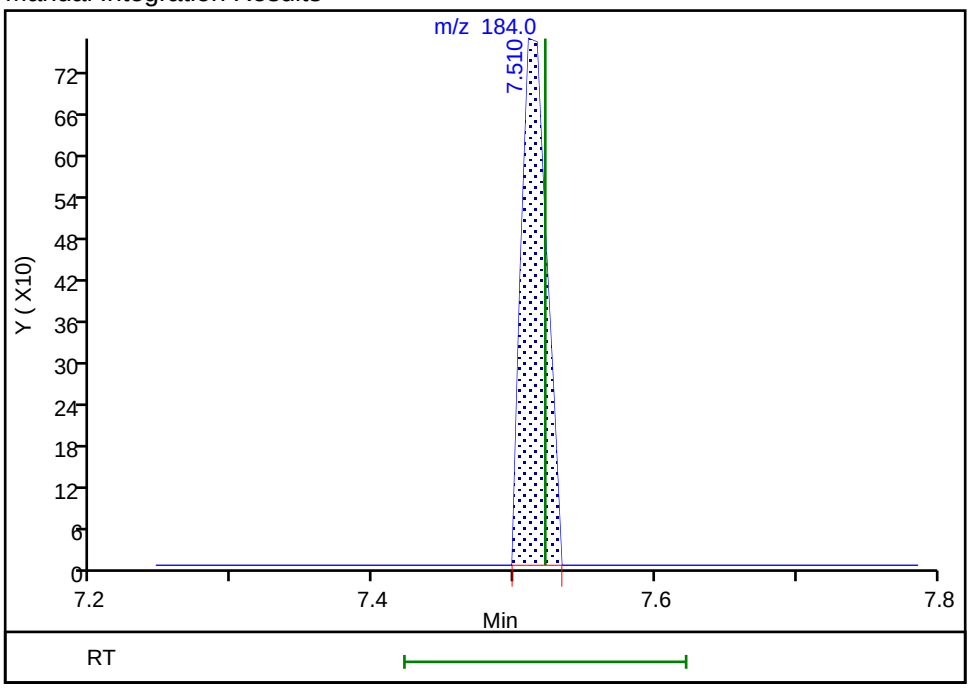
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.51
Area: 952
Amount: 6.609273
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:58:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

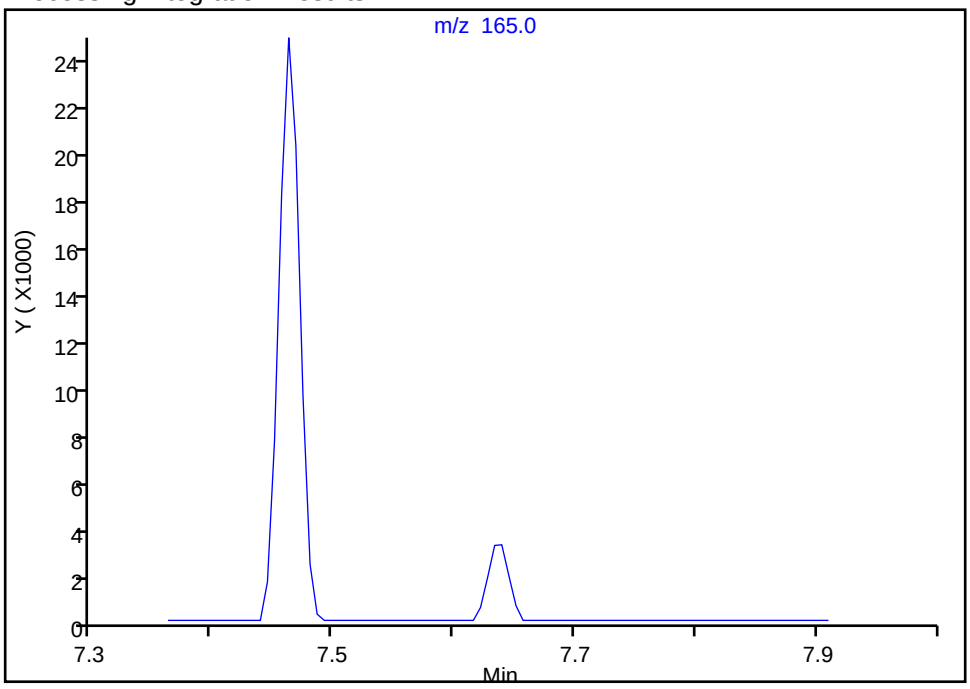
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32314.d				
Injection Date:	29-Jul-2020 15:35:30	Instrument ID:	CBNAMS12		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

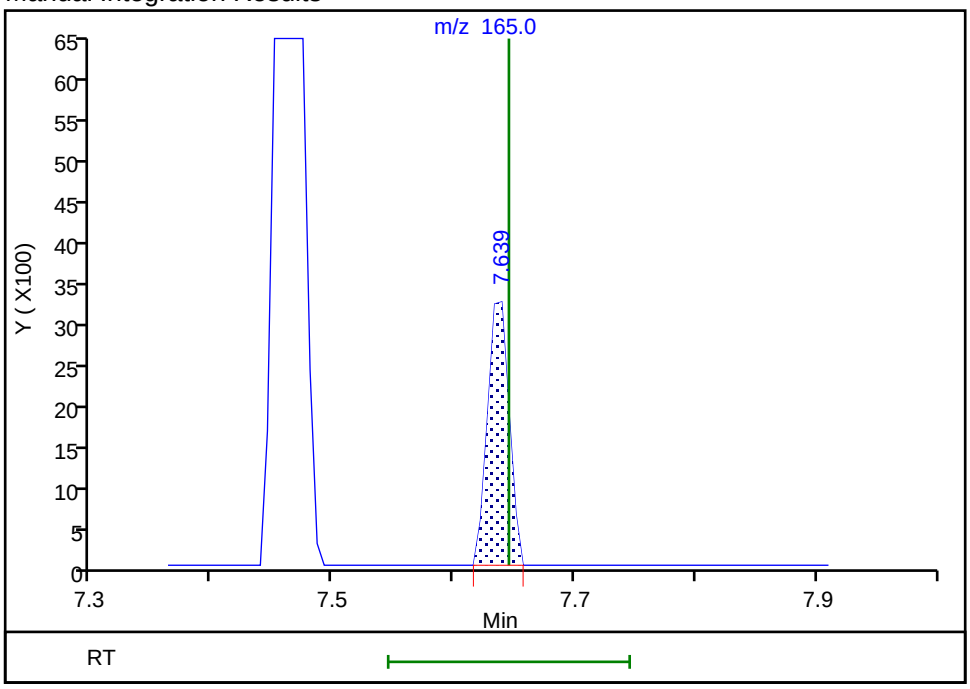
Not Detected
Expected RT: 7.65

Processing Integration Results



Manual Integration Results

RT: 7.64
Area: 3980
Amount: 1.738185
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:58:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

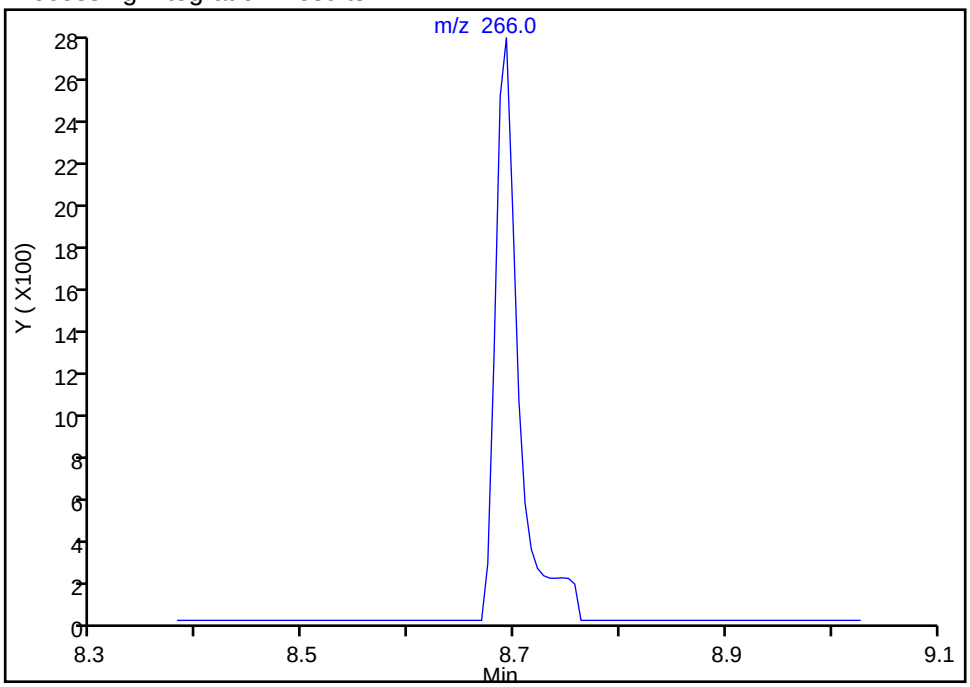
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32314.d				
Injection Date:	29-Jul-2020 15:35:30	Instrument ID:	CBNAMS12		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

83 Pentachlorophenol, CAS: 87-86-5

Signal: 1

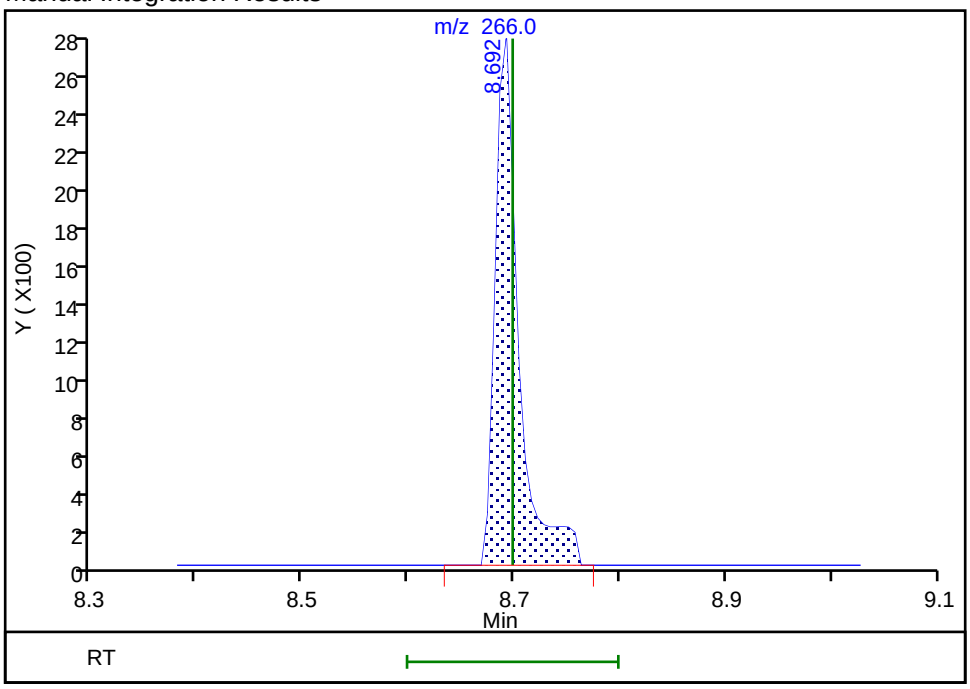
Not Detected
Expected RT: 8.70

Processing Integration Results



Manual Integration Results

RT: 8.69
Area: 4294
Amount: 2.777474
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 15:58:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32315.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Jul-2020 15:58:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-009
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:30:16 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 16:21:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.928	1.922	0.006	86	1497	1.00	0.9233	
$ 4 2-Fluorophenol	112	3.357	3.351	0.006	90	4336	1.00	1.00	
5 Benzaldehyde	77	4.181	4.181	0.000	90	3859	1.00	1.02	
$ 6 Phenol-d5	99	4.228	4.240	-0.012	0	5403	1.00	0.9792	
9 Bis(2-chloroethyl)ether	93	4.334	4.340	-0.006	87	4197	1.00	0.9708	
* 13 1,4-Dichlorobenzene-d4	152	4.593	4.598	-0.005	97	130366	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.969	4.981	-0.012	90	3490	1.00	1.04	a
25 Hexachloroethane	117	5.081	5.081	0.000	90	1497	1.00	0.8403	
$ 26 Nitrobenzene-d5	82	5.116	5.122	-0.006	93	4769	1.00	1.01	
27 Nitrobenzene	123	5.134	5.140	-0.006	88	1760	1.00	0.8706	
28 n,n'-Dimethylaniline	120	5.140	5.145	-0.005	98	7029	1.00	1.07	
35 1,2,4-Trichlorobenzene	180	5.745	5.751	-0.006	92	4166	1.00	1.05	
* 36 Naphthalene-d8	136	5.798	5.804	-0.006	99	489711	40.0	40.0	
39 Hexachlorobutadiene	225	5.951	5.951	0.000	93	2087	1.00	0.9545	
40 Caprolactam	113	6.157	6.234	-0.077	83	762	1.00	0.7053	
$ 50 2-Fluorobiphenyl	172	6.828	6.834	-0.006	96	9896	1.00	1.03	
60 2,6-Dinitrotoluene	165	7.257	7.269	-0.012	84	1439	1.00	0.7927	
* 63 Acenaphthene-d10	164	7.463	7.469	-0.006	97	249431	40.0	40.0	
68 2,4-Dinitrotoluene	165	7.634	7.645	-0.011	90	1889	1.00	0.7956	a
$ 79 2,4,6-Tribromophenol	330	8.210	8.216	-0.006	91	941	1.00	0.7172	
81 Hexachlorobenzene	284	8.504	8.516	-0.012	93	3221	1.00	1.12	
82 Atrazine	200	8.592	8.604	-0.012	83	2172	1.00	0.9200	
* 85 Phenanthrene-d10	188	8.863	8.869	-0.006	99	461707	40.0	40.0	
$ 94 Terphenyl-d14	244	10.380	10.392	-0.012	99	10149	1.00	1.00	
99 Benzo[a]anthracene	228	11.522	11.533	-0.011	98	14280	1.00	1.02	
* 100 Chrysene-d12	240	11.533	11.545	-0.012	99	392948	40.0	40.0	
104 Benzo[b]fluoranthene	252	12.945	12.963	-0.018	97	12380	1.00	0.9147	
105 Benzo[k]fluoranthene	252	12.986	13.004	-0.018	98	14387	1.00	1.00	
106 Benzo[a]pyrene	252	13.410	13.427	-0.017	96	10686	1.00	0.8877	
* 107 Perylene-d12	264	13.504	13.516	-0.012	97	462904	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.139	15.174	-0.035	97	11266	1.00	0.8903	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Dibenz(a,h)anthracene	278	15.186	15.221	-0.035	95	9455	1.00	0.7606	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L2_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:30:16 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32315.d

Injection Date: 29-Jul-2020 15:58:30 Instrument ID: CBNAMS12 Operator ID:

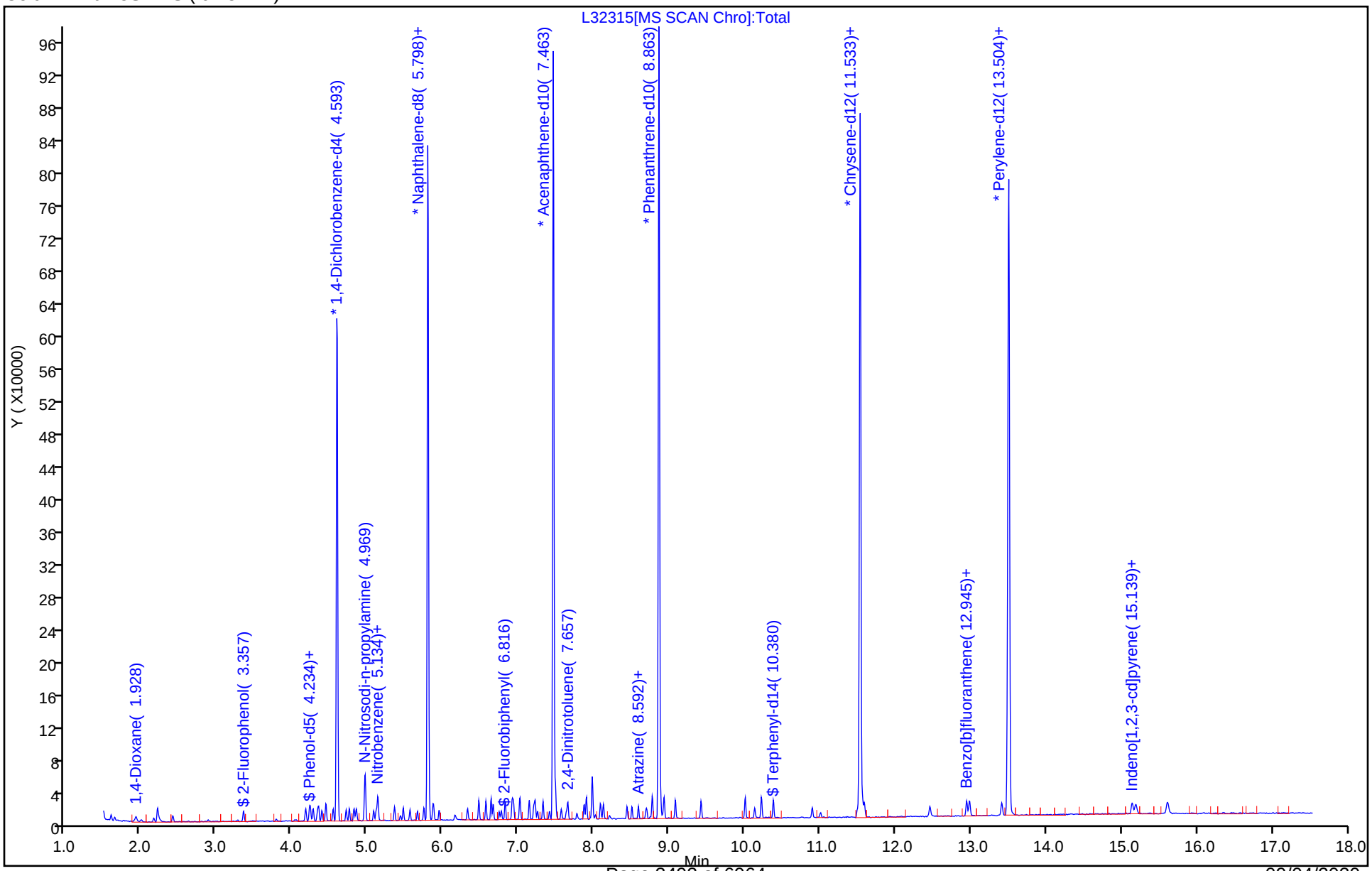
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

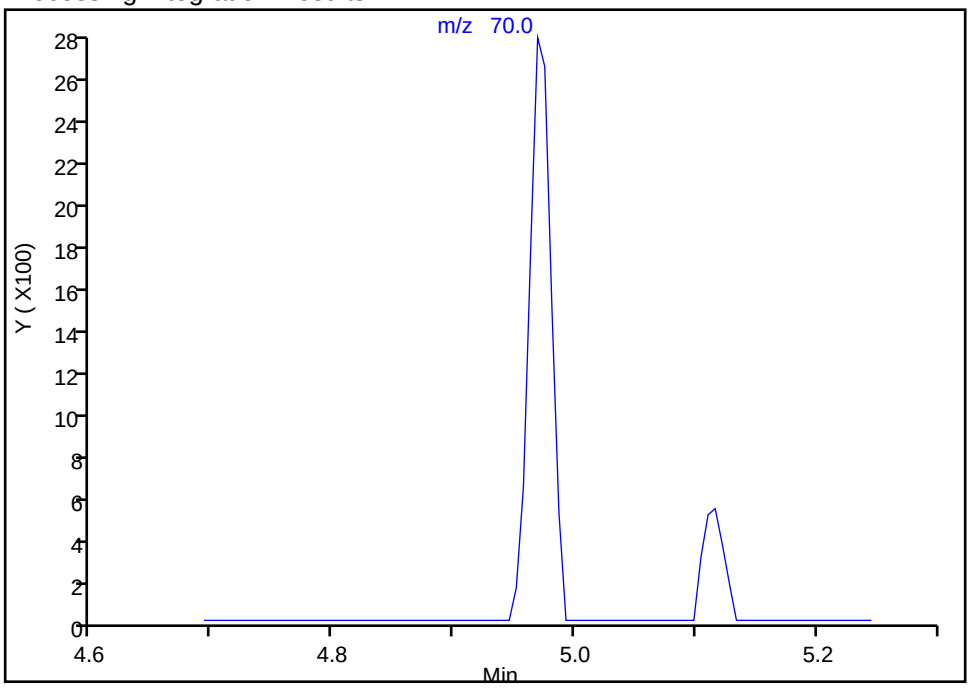
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32315.d				
Injection Date:	29-Jul-2020 15:58:30	Instrument ID:	CBNAMS12		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

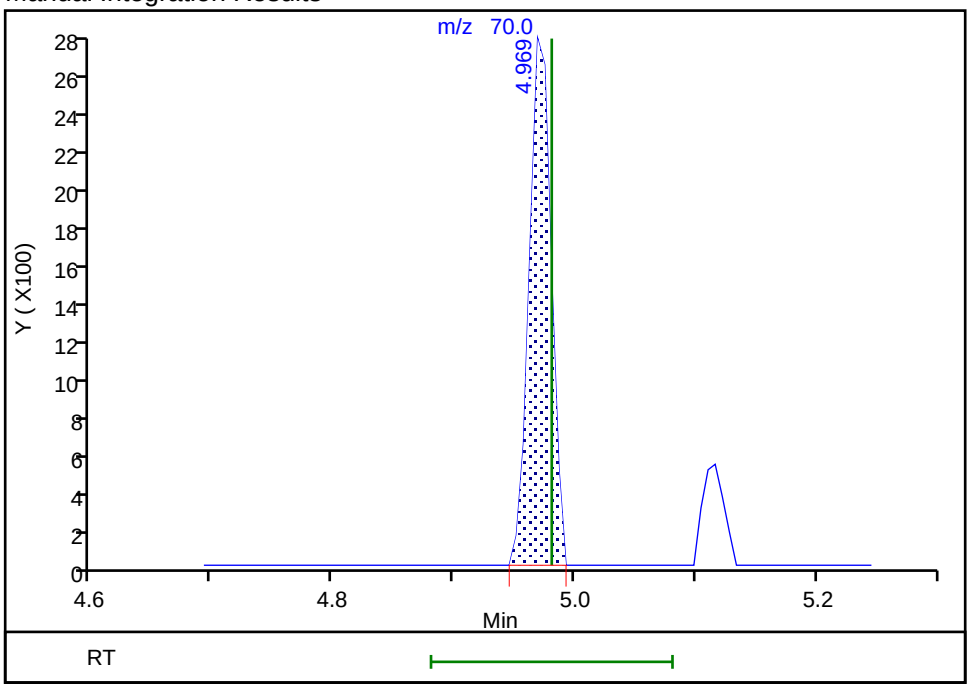
Not Detected
Expected RT: 4.98

Processing Integration Results



Manual Integration Results

RT: 4.97
Area: 3490
Amount: 1.035971
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 16:20:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

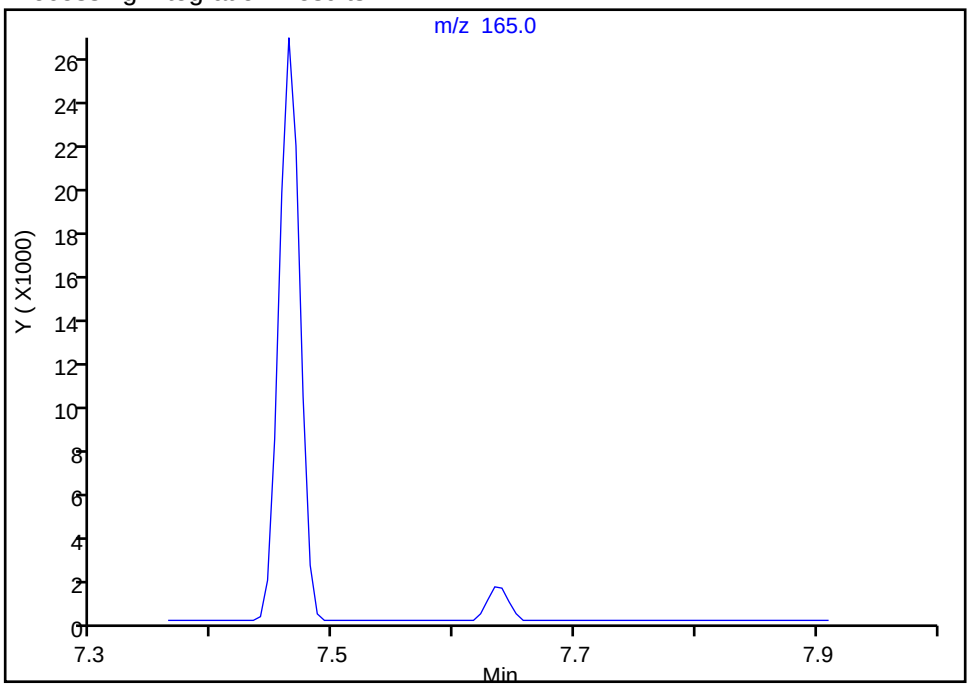
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32315.d				
Injection Date:	29-Jul-2020 15:58:30	Instrument ID:	CBNAMS12		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

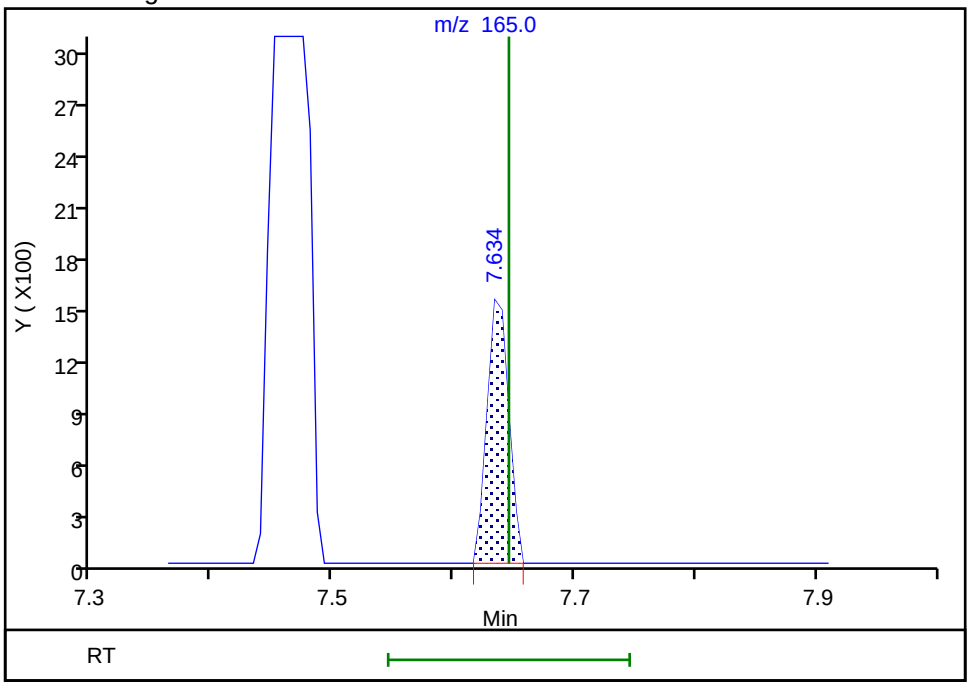
Not Detected
Expected RT: 7.65

Processing Integration Results



Manual Integration Results

RT: 7.63
Area: 1889
Amount: 0.795616
Amount Units: ug/ml



Reviewer: johnstonm1, 29-Jul-2020 16:20:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Jul-2020 16:20:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-010
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:30:18 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 30-Jul-2020 06:06:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.928	1.922	0.006	89	735	0.5000	0.4680	
9 Bis(2-chloroethyl)ether	93	4.334	4.340	-0.006	87	2111	0.5000	0.5041	
* 13 1,4-Dichlorobenzene-d4	152	4.593	4.598	-0.005	97	126270	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.969	4.981	-0.012	91	1705	0.5000	0.5225	a
25 Hexachloroethane	117	5.081	5.081	0.000	88	847	0.5000	0.4908	
$ 26 Nitrobenzene-d5	82	5.116	5.122	-0.006	91	2279	0.5000	0.4957	
27 Nitrobenzene	123	5.134	5.140	-0.006	89	982	0.5000	0.5015	
28 n,n'-Dimethylaniline	120	5.140	5.145	-0.005	93	3332	0.5000	0.5234	a
35 1,2,4-Trichlorobenzene	180	5.746	5.751	-0.005	89	1737	0.5000	0.4491	
* 36 Naphthalene-d8	136	5.798	5.804	-0.006	99	477490	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.828	6.834	-0.006	96	4832	0.5000	0.5274	
* 63 Acenaphthene-d10	164	7.463	7.469	-0.006	97	237466	40.0	40.0	
81 Hexachlorobenzene	284	8.504	8.516	-0.012	87	1196	0.5000	0.4274	
* 85 Phenanthrene-d10	188	8.863	8.869	-0.006	99	448315	40.0	40.0	
$ 94 Terphenyl-d14	244	10.381	10.392	-0.011	98	5076	0.5000	0.5062	
99 Benzo[a]anthracene	228	11.522	11.533	-0.011	97	7105	0.5000	0.5153	
* 100 Chrysene-d12	240	11.533	11.545	-0.012	99	387796	40.0	40.0	
104 Benzo[b]fluoranthene	252	12.945	12.963	-0.018	98	5834	0.5000	0.4460	
105 Benzo[k]fluoranthene	252	12.986	13.004	-0.018	97	6489	0.5000	0.4655	
106 Benzo[a]pyrene	252	13.410	13.427	-0.017	95	5419	0.5000	0.4658	
* 107 Perylene-d12	264	13.504	13.516	-0.012	97	447405	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.139	15.174	-0.035	93	4772	0.5000	0.3902	
109 Dibenz(a,h)anthracene	278	15.186	15.221	-0.035	93	5061	0.5000	0.4212	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L1_00001 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2020 06:30:18 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Injection Date: 29-Jul-2020 16:20:30 Instrument ID: CBNAMS12 Operator ID:

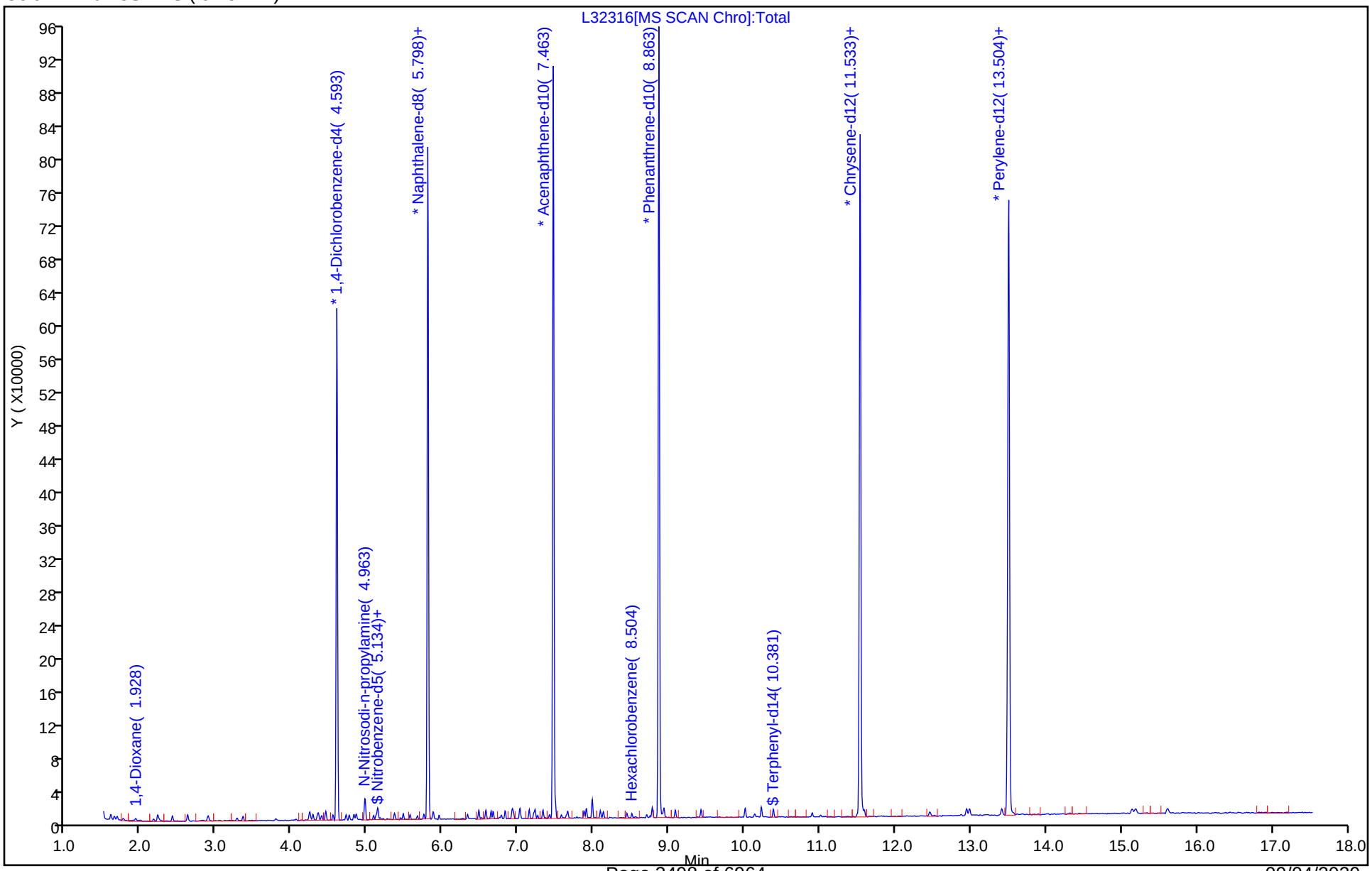
Lims ID: STD05 Worklist Smp#: 10

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

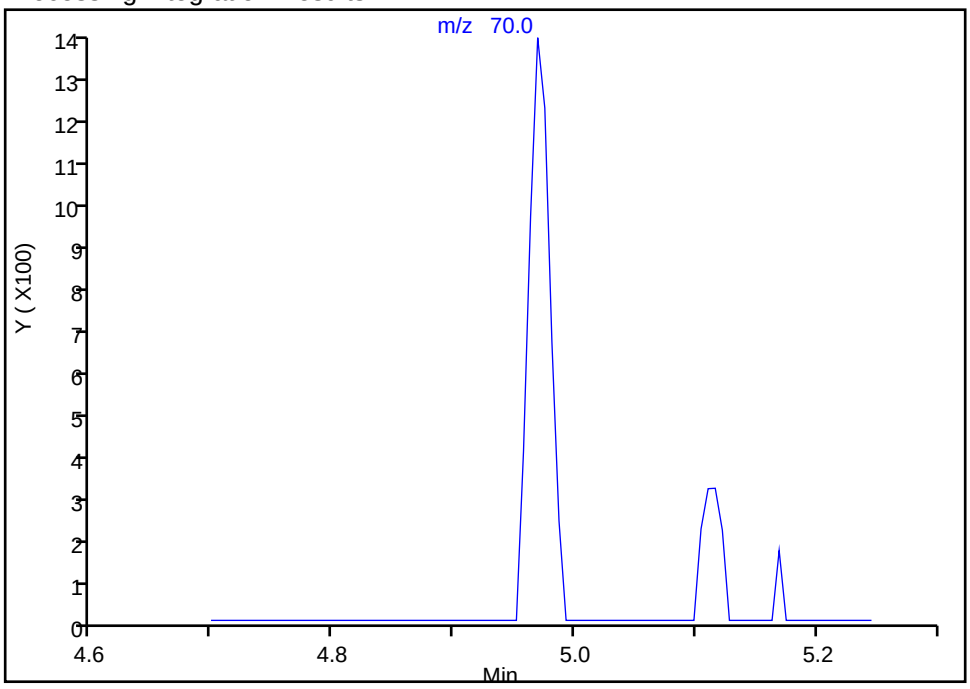
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d
Injection Date: 29-Jul-2020 16:20:30 Instrument ID: CBNAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

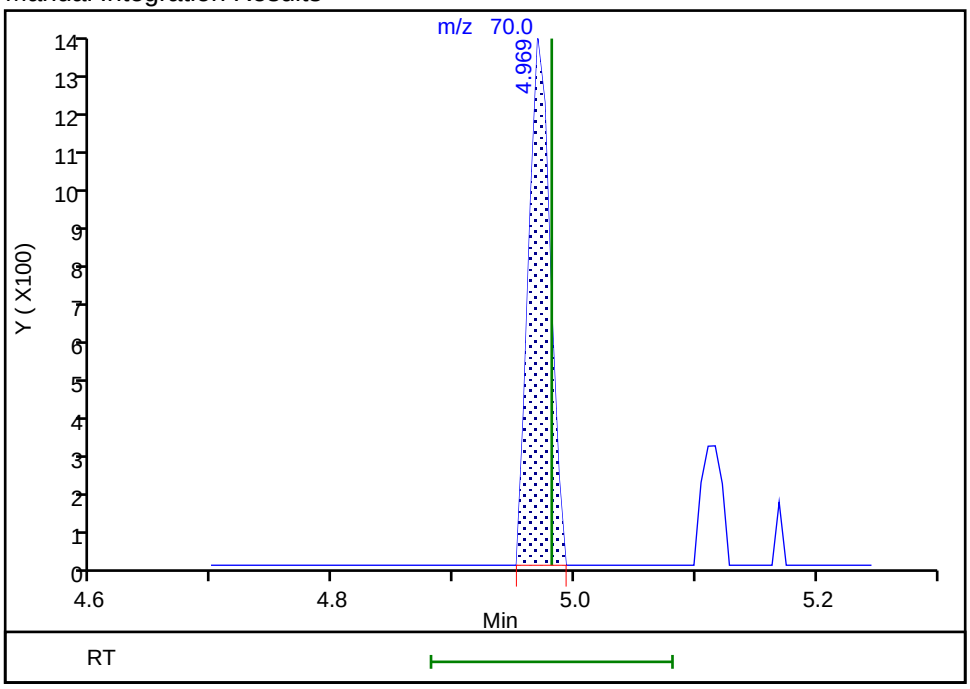
Not Detected
Expected RT: 4.98

Processing Integration Results



Manual Integration Results

RT: 4.97
Area: 1705
Amount: 0.522529
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Jul-2020 06:06:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

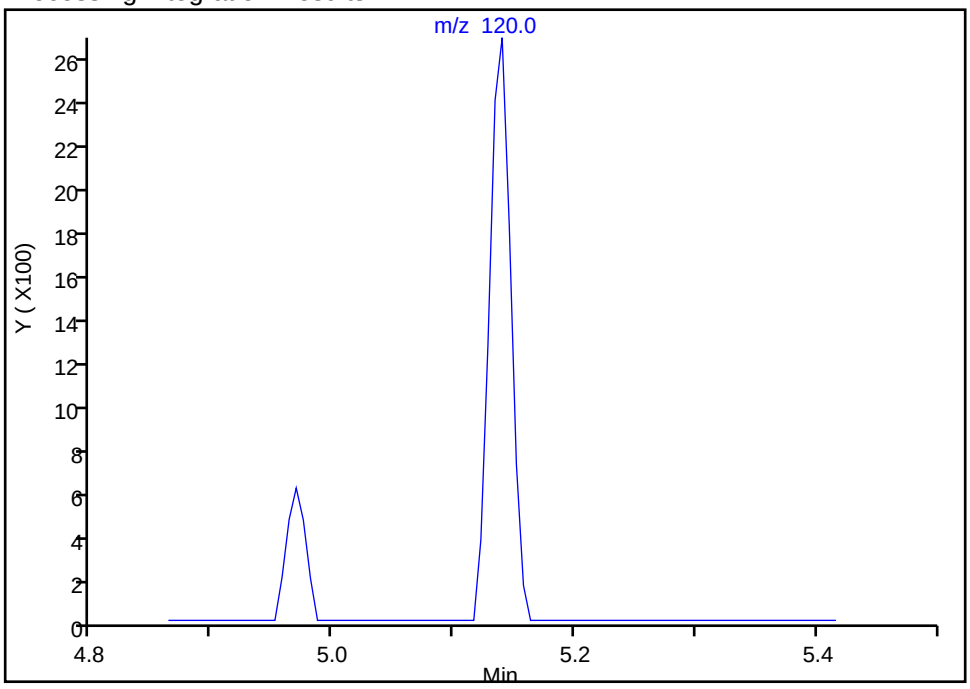
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d
Injection Date: 29-Jul-2020 16:20:30 Instrument ID: CBNAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

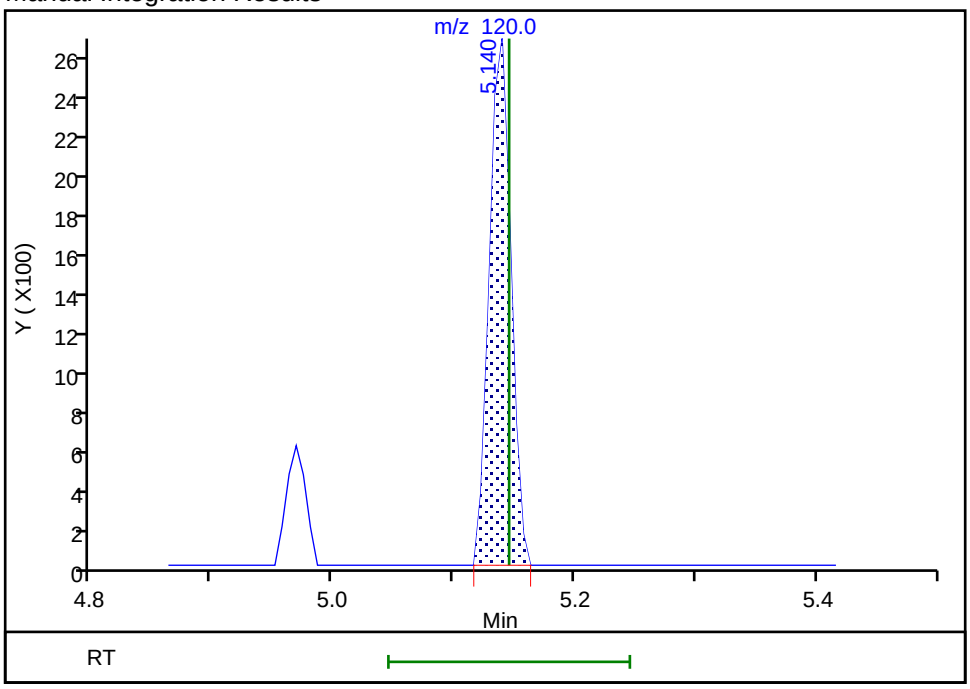
Not Detected
Expected RT: 5.15

Processing Integration Results



Manual Integration Results

RT: 5.14
Area: 3332
Amount: 0.523438
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Jul-2020 06:06:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-712734/10	N92374.d
Level 2	STD02 460-712734/9	N92373.d
Level 3	STD04 460-712734/8	N92372.d
Level 4	STD1 460-712734/7	N92371.d
Level 5	STD2 460-712734/6	N92370.d
Level 6	STD4 460-712734/5	N92369.d
Level 7	ICIS 460-712734/2	N92366.d
Level 8	STD16 460-712734/4	N92368.d
Level 9	STD24 460-712734/3	N92367.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4945	0.5226	0.4926	0.5685 0.4894	0.5368	Ave		0.5174				6.1		20.0			
N-Nitrosodimethylamine	0.7146	0.7185	0.7071	0.7798 0.6861	0.7615	Ave		0.7279				4.9		20.0			
Pyridine	1.1993	1.2423	1.1895	1.2867 1.1418	1.2798	Ave		1.2232				4.6		20.0			
Benzaldehyde	1.0331	1.0377 +++++	1.1385 +++++	1.1310 +++++	1.1065	Ave		1.0894			0.0100	4.7		20.0			
Phenol	1.4958	1.5046	1.4977	1.5929 1.4363	1.6331	Ave		1.5267			0.8000	4.7		20.0			
Aniline	1.8664	1.8674	1.8444	2.0074 1.7869	2.0479	Ave		1.9034				5.3		20.0			
Bis(2-chloroethyl)ether	1.2944 1.2533	1.3502 1.2535	1.2214	1.3541 1.1748	1.4042	Ave		1.2882			0.7000	6.0		20.0			
2-Chlorophenol	1.3037	1.3127	1.2865	1.3680 1.2454	1.4107	Ave		1.3212			0.8000	4.5		20.0			
n-Decane	1.6948	1.7364	1.7018	1.7028 1.6494	1.7202	Ave		1.7009				1.7		20.0			
1,3-Dichlorobenzene	1.5692	1.6019	1.5592	1.6062 1.5237	1.6541	Ave		1.5857				2.8		20.0			
1,4-Dichlorobenzene	1.5963	1.6125	1.5831	1.6269 1.5397	1.6713	Ave		1.6050				2.8		20.0			
Benzyl alcohol	0.7575	0.7373	0.7292	0.8309 0.7034	0.8261	Ave		0.7641				6.9		20.0			
1,2-Dichlorobenzene	1.4768	1.5063	1.4663	1.5496 1.4142	1.5824	Ave		1.4993				4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.0560	1.0619	1.0383	1.1558 0.9864	1.1715	Ave		1.0783			0.7000	6.6		20.0			
2,2'-oxybis[1-chloropropane]	2.0141	1.9859	1.9388	2.1715 1.8452	2.1656	Ave		2.0202			0.0100	6.4		20.0			
N-Methylaniline	2.0102 1.9221	1.9955 1.9342	1.9243	2.0072 1.8843	2.0948	Ave		1.9716				3.4		20.0			
3 & 4 Methylphenol	1.2169	1.2116	1.1994	1.3328 1.1260	1.3347	Ave		1.2369				6.6		20.0			
4-Methylphenol	1.2169	1.2116	1.1994	1.3328 1.1260	1.3347	Ave		1.2369			0.6000	6.6		20.0			
N-Nitrosodi-n-propylamine	1.1037 0.8458	0.8233 0.8228	0.8151	0.9493 0.7753	0.9741	Ave		0.8887			0.5000	12.5		20.0			
Acetophenone	1.6985	1.6756	1.6409	1.8793 1.5408	1.8771	Ave		1.7187			0.0100	7.8		20.0			
Hexachloroethane	0.5365 0.5987	0.5790 0.5961	0.5852	0.6255 0.5711	0.6208	Ave		0.5891			0.3000	4.8		20.0			
Nitrobenzene	0.5906 0.6067	0.5942 0.5930	0.5939	0.6495 0.5606	0.6770	Ave		0.6082			0.2000	6.1		20.0			
n,n'-Dimethylaniline	2.2340 1.8885	1.9995 1.9195	1.9130	2.0223 1.8592	2.0128	Ave		1.9811				6.0		20.0			
Isophorone	0.6000	0.6207 0.5919	0.5799	0.6649 0.5696	0.6691	Ave		0.6137			0.4000	6.5		20.0			
2-Nitrophenol	0.1720	0.1695	0.1777	0.1645 0.1722	0.1757	Ave		0.1719			0.1000	2.7		20.0			
2,4-Dimethylphenol	0.3017	0.3030	0.2946	0.3056 0.2921	0.3193	Ave		0.3027			0.2000	3.2		20.0			
Benzoic acid	0.0696	0.0926	0.1265	0.0159 0.1278	0.0519	Qua	-0.131	0.1065	0.0011911			22.8			0.9940		0.9900
Bis(2-chloroethoxy)methane	0.4027	0.4053	0.3976	0.4188 0.3898	0.4297	Ave		0.4073			0.3000	3.6		20.0			
2,4-Dichlorophenol	0.3064	0.3145	0.3058	0.3119 0.2979	0.3221	Ave		0.3098			0.2000	2.7		20.0			
1,2,4-Trichlorobenzene	0.3516 0.3675	0.3422 0.3743	0.3690	0.3675 0.3580	0.3793	Ave		0.3637				3.4		20.0			
Naphthalene	0.9886 1.0322	1.0004 1.0479	1.0212	1.0620 0.9974	1.0720	Ave		1.0277			0.7000	3.0		20.0			
4-Chloroaniline	0.4162	0.4127	0.4056	0.4366 0.3928	0.4500	Ave		0.4190			0.0100	5.0		20.0			
Hexachlorobutadiene	0.1950 0.2202	0.2083 0.2262	0.2231	0.2154 0.2195	0.2263	Ave		0.2168			0.0100	4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.0610	0.0483 0.0620	0.0543 0.0618	0.0668 0.0612	0.0687	Ave		0.0605			0.0100	10.8		20.0			
4-Chloro-3-methylphenol	0.2572	0.2522	0.2468	0.2683 0.2439	0.2808	Ave		0.2582			0.2000	5.4		20.0			
2-Methylnaphthalene	0.6854	0.6864 0.6881	0.6686	0.7264 0.6576	0.7359	Ave		0.6926			0.4000	4.1		20.0			
1-Methylnaphthalene	0.6413	0.6366 0.6353	0.6272	0.6904 0.6046	0.6933	Ave		0.6470				5.1		20.0			
Hexachlorocyclopentadiene	0.5601	0.5850	0.5769	0.5115 0.5681	0.5352	Ave		0.5561			0.0500	5.0		20.0			
1,2,4,5-Tetrachlorobenzene	0.7809	0.7958	0.7638	0.7450 0.7592	0.7689	Ave		0.7689			0.0100	2.3		20.0			
2-tertbutyl-4-methylphenol	0.4188	0.4350 0.4211	0.4167	0.4472 0.4239	0.4414	Ave		0.4292				2.8		20.0			
2,4,6-Trichlorophenol	0.4851	0.3851 0.4899	0.4598	0.4331 0.4319	0.4525	Ave		0.4482			0.2000	8.0		20.0			
2,4,5-Trichlorophenol	0.4731	0.4905	0.4887	0.4808 0.4958	0.5324	Ave		0.4935			0.2000	4.2		20.0			
1,1'-Biphenyl	1.7133	1.7533	1.6957	1.7476 1.6596	1.7429	Ave		1.7187			0.0100	2.1		20.0			
2-Chloronaphthalene	1.3557	1.3633	1.3120	1.3429 1.2837	1.3771	Ave		1.3391			0.8000	2.6		20.0			
Phenyl ether	0.9117	0.9386	0.9099	0.8930 0.9082	0.9034	Ave		0.9108				1.7		20.0			
2-Nitroaniline	0.4005	0.3936	0.3977	0.3840 0.3943	0.3988	Ave		0.3948			0.0100	1.5		20.0			
1,3-Dimethylnaphthalene	1.0186	1.0222	1.0090	1.0033 1.0047	1.0070	Ave		1.0108				0.8		20.0			
Dimethyl phthalate	1.3330	1.3048	1.2535	1.3798 1.2543	1.4047	Ave		1.3217			0.0100	4.8		20.0			
Coumarin	0.1920	0.1887	0.1853	0.2185 0.1906	0.2128	Ave		0.1980				7.1		20.0			
2,6-Dinitrotoluene	0.2863	0.2409 0.2884	0.2822	0.2787 0.2822	0.2834	Ave		0.2775			0.2000	5.9		20.0			
Acenaphthylene	1.9136	1.9446	1.8445	1.9307 1.8180	1.9667	Ave		1.9030			0.9000	3.1		20.0			
3-Nitroaniline	0.2776	0.2764	0.2714	0.2689 0.2735	0.2817	Ave		0.2749			0.0100	1.7		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.2425	1.2725	1.2597	1.2032 1.2605	1.2209	Ave		1.2432				2.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	1.2720	1.2886	1.2703	1.2558 1.2487	1.3154	Ave		1.2751			0.9000	1.9		20.0			
2,4-Dinitrophenol	0.0962	0.1098	0.1218	0.0623 0.1245	0.0874	Lin2	-0.122	0.1202			0.0100	5.7			0.9960		0.9900
4-Nitrophenol	0.1727	0.1913	0.1836	0.1655 0.1910	0.1800	Ave		0.1807			0.0100	5.7		20.0			
2,4-Dinitrotoluene	0.3315	0.2479 0.3374	0.3399	0.3365 0.3387	0.3436	Ave		0.3251			0.2000	10.5		20.0			
Dibenzofuran	1.7529	1.7614	1.6861	1.8157 1.6611	1.8398	Ave		1.7528			0.8000	4.0		20.0			
2,3,4,6-Tetrachlorophenol	0.3382	0.3377	0.3374	0.3290 0.3350	0.3544	Ave		0.3386			0.0100	2.5		20.0			
Diethyl phthalate	1.2539	1.2386	1.1879	1.2995 1.2027	1.3523	Ave		1.2558			0.0100	4.9		20.0			
4-Chlorophenyl phenyl ether	0.6850	0.6810	0.6537	0.7262 0.6400	0.7222	Ave		0.6847			0.4000	5.1		20.0			
Fluorene	1.3409	1.3511	1.2972	1.4035 1.2818	1.4188	Ave		1.3489			0.9000	4.1		20.0			
4-Nitroaniline	0.2462	0.2618	0.2487	0.2523 0.2571	0.2571	Ave		0.2539			0.0100	2.3		20.0			
4,6-Dinitro-2-methylphenol	0.0870	0.0964	0.1092	0.0680 0.1085	0.0811	Ave		0.0917			0.0100	17.6		20.0			
N-Nitrosodiphenylamine	0.6134	0.6201	0.6213	0.6250 0.6075	0.6251	Ave		0.6188			0.0100	1.1		20.0			
1,2-Diphenylhydrazine	0.8312	0.8335	0.8308	0.8129 0.7962	0.8375	Ave		0.8237				1.9		20.0			
4-Bromophenyl phenyl ether	0.2690	0.2695	0.2752	0.2657 0.2619	0.2793	Ave		0.2701			0.1000	2.3		20.0			
Hexachlorobenzene	0.2826 0.3165	0.2958 0.3142	0.3145	0.3056 0.3080	0.3180	Ave		0.3069			0.1000	4.0		20.0			
Atrazine	0.2093	0.1800 0.2111	0.1920 0.2176	0.2083 0.2182	0.2132	Ave		0.2062			0.0100	6.5		20.0			
Pentachlorophenol	0.1429	0.1547	0.1611	0.1256 0.1640	0.1419	Ave		0.1484			0.0500	9.7		20.0			
Pentachloronitrobenzene	0.1030	0.1049	0.1127	0.0940 0.1131	0.0988	Ave		0.1044			0.0100	7.2		20.0			
n-Octadecane	0.6016	0.6380	0.6467	0.5774 0.6206	0.6110	Ave		0.6159				4.1		20.0			
Phenanthrene	1.1471	1.1668	1.1598	1.1934 1.1403	1.1948	Ave		1.1670			0.7000	2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Anthracene	1.1872	1.2131	1.1955	1.2107 1.1669	1.2240	Ave		1.1996			0.7000	1.7		20.0			
Carbazole	0.9207	0.9549	0.9329	0.9641 0.9316	0.9600	Ave		0.9440			0.0100	1.9		20.0			
Di-n-butyl phthalate	1.0982	1.1412	1.1619	1.1005 1.1662	1.1504	Ave		1.1364			0.0100	2.6		20.0			
Fluoranthene	1.0494	1.1088	1.0732	1.0998 1.0836	1.1217	Ave		1.0894			0.6000	2.4		20.0			
Benzidine	0.4346	0.4430	0.4822	0.4288 0.5122	0.4711	Ave		0.4620				7.0		20.0			
Pyrene	1.8246	1.6643	1.6635	1.8709 1.6068	1.9155	Ave		1.7576			0.6000	7.3		20.0			
Bisphenol-A	0.5352	0.5433	0.5668	0.5168 0.5752	0.5443	Ave		0.5469				3.9		20.0			
Butyl benzyl phthalate	0.5411	0.5338	0.5675	0.4921 0.5652	0.5345	Ave		0.5390			0.0100	5.1		20.0			
2,3,7,8-TCDD		0.2294				Ave		0.2294						20.0			
Carbamazepine	0.4016	0.4575	0.4850	0.3837 0.5274	0.3804	Ave		0.4393				13.7		20.0			
3,3'-Dichlorobenzidine	0.4968	0.4217 0.5075	0.5098	0.4689 0.5338	0.5108	Ave		0.4928			0.0100	7.5		20.0			
Benzo[a]anthracene	1.4436 1.3672	1.4028 1.3626	1.3366	1.4357 1.3510	1.4351	Ave		1.3919			0.8000	3.1		20.0			
Chrysene	1.3207	1.3445 1.3231	1.2885	1.3365 1.2554	1.3908	Ave		1.3228			0.7000	3.2		20.0			
Bis(2-ethylhexyl) phthalate	0.7410	0.7010 0.7650	0.6113 0.8132	0.6736 0.8270	0.7330	Ave		0.7331			0.0100	9.7		20.0			
Di-n-octyl phthalate	1.1170	1.1397	1.1924	1.0393 1.1428	1.1286	Ave		1.1266			0.0100	4.4		20.0			
Benzo[b]fluoranthene	1.1771 1.1814	1.1277 1.2666	1.2360	1.2407 1.1792	1.3057	Ave		1.2143			0.7000	4.8		20.0			
Benzo[k]fluoranthene	1.1813 1.3425	1.2732 1.2362	1.2393	1.2932 1.1976	1.2978	Ave		1.2576			0.7000	4.3		20.0			
Benzo[a]pyrene	0.9571 1.0598	1.0516 1.0775	1.0673	1.0490 1.0425	1.1011	Ave		1.0507			0.7000	4.0		20.0			
Indeno[1,2,3-cd]pyrene	1.3320 1.3101	1.2675 1.3686	1.3545	1.2604 1.3630	1.3550	Ave		1.3264			0.5000	3.2		20.0			
Dibenz(a,h)anthracene	1.2377 1.3007	1.2105 1.3296	1.3270	1.3107 1.3043	1.3723	Ave		1.2991			0.4000	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzo[g,h,i]perylene	1.3228	1.3662	1.3903	1.3456 1.3799	1.3951	Ave		1.3667			0.5000	2.0		20.0			
2-Fluorophenol (Surr)	1.1986	1.2792 1.2589	1.2884	1.2645 1.2646	1.2589	Ave		1.2590				2.3		20.0			
Phenol-d5 (Surr)	1.4133	1.6046 1.4564	1.4782	1.5471 1.4274	1.4856	Ave		1.4875				4.5		20.0			
Nitrobenzene-d5 (Surr)	0.3816 0.3621	0.3792 0.3752	0.3832	0.3796 0.3861	0.3720	Ave		0.3774				2.0		20.0			
2-Fluorobiphenyl	1.6501 1.5588	1.5618 1.6360	1.6458	1.5582 1.6446	1.5481	Ave		1.6004				2.9		20.0			
2,4,6-Tribromophenol (Surr)	0.2277	0.2081 0.2374	0.2425	0.2276 0.2452	0.2310	Ave		0.2313				5.4		20.0			
Terphenyl-d14 (Surr)	1.3667 1.2380	1.3493 1.1807	1.2342	1.2975 1.1831	1.2951	Ave		1.2681				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-712734/10	N92374.d
Level 2	STD02 460-712734/9	N92373.d
Level 3	STD04 460-712734/8	N92372.d
Level 4	STD1 460-712734/7	N92371.d
Level 5	STD2 460-712734/6	N92370.d
Level 6	STD4 460-712734/5	N92369.d
Level 7	ICIS 460-712734/2	N92366.d
Level 8	STD16 460-712734/4	N92368.d
Level 9	STD24 460-712734/3	N92367.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	89191	175805	312768	22331 413634	35379	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd 4	Ave	128895	241725	448932	30631 579855	50184	4.00	10.0	16.0	1.00 24.0	2.00
Pyridine	DCBd 4	Ave	432639	835881	1510522	101081 1929915	168683	8.00	20.0	32.0	2.00 48.0	4.00
Benzaldehyde	DCBd 4	Ave	149075	8662 +++++	19588 +++++	44425 +++++	72923	3.20	0.200 +++++	0.400 +++++	1.00 +++++	2.00
Phenol	DCBd 4	Ave	269798	506164	950913	62568 1213819	107629	4.00	10.0	16.0	1.00 24.0	2.00
Aniline	DCBd 4	Ave	336640	628231	1171073	78848 1510161	134966	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	5240 226063	11271 421709	775477	53189 992859	92539	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd 4	Ave	235144	441612	816835	53733 1052513	92973	4.00	10.0	16.0	1.00 24.0	2.00
n-Decane	DCBd 4	Ave	305684	584163	1080540	66885 1393898	113365	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	283044	538889	989976	63091 1287735	109010	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	287916	542460	1005157	63904 1301205	110145	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	136631	248031	463011	32638 594448	54441	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	266374	506722	930989	60868 1195191	104286	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd 4	Ave	190466	357238	659227	45399 833649	77205	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	363285	668071	1230991	85294 1559403	142718	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	8138 346693	16657 650701	1221765	78841 1592415	138055	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	219484	407596	761552	52350 951613	87959	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	219484	407596	761552	52350 951613	87959	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	4468 152558	6872 276790	517503	37288 655223	64194	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	306365	563680	1041833	73817 1302189	123707	4.00	10.0	16.0	1.00 24.0	2.00
Hexachloroethane	DCBd 4	Ave	2172 107987	4833 200524	371574	24570 482673	40914	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	2391 109423	4960 199500	377092	25511 473780	44614	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	9044 340627	16691 645753	1214590	79434 1571238	132651	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	367545	19022 667382	1227827	94108 1551454	159697	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	105346	191128	376357	23289 469000	41923	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	184798	341682	623788	43252 795756	76207	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Qua	42660	104430	267804	2251 348090	12375	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	246705	456984	841823	59279 1061657	102548	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	187663	354629	647420	44147 811358	76884	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	5243 225112	10488 422030	781357	52023 975053	90537	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	14742 632328	30657 1181521	2162205	150310 2716626	255844	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	254970	465342	858800	61801 1069869	107402	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	2908 134919	6382 255006	472373	30490 597923	54011	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Ave	29915	1481 27981	3472 39242	9450 44452	16395	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
4-Chloro-3-methylphenol	NPT	Ave	157543	284345	522532	37982 664380	67026	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	419830	21034 775896	1415750	102817 1791085	175626	4.00	0.200 10.0	16.0	1.00 24.0	2.00
1-Methylnaphthalene	NPT	Ave	392814	19509 716353	1328076	97716 1646939	165467	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	158709	300766	562524	36672 711482	64041	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	221270	409105	744838	53415 950829	92002	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	256558	13329 474792	882304	63296 1154703	105345	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	137468	5986 251879	448332	31052 540871	54150	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	134053	252181	476538	34469 620915	63708	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	485484	901380	1653600	125290 2078448	208547	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	384149	700865	1279366	96277 1607680	164781	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	258340	482532	887288	64022 1137456	108101	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	113474	202341	387851	27533 493763	47715	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	288640	525527	983958	71928 1258294	120492	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	377732	670793	1222359	98927 1570808	168078	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	117599	212782	392403	30925 519070	50787	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	81141	3745 148291	275161	19980 353476	33913	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	542249	999694	1798624	138417 2276824	235327	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	78658	142071	264648	19277 342545	33702	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	352092	654179	1228359	86265 1578670	146086	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave	360444	662475	1238720	90031 1563826	157392	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dinitrophenol	ANT	Lin2	54521	112860	237596	8935 311963	20916	8.00	20.0	32.0	2.00 48.0	4.00
4-Nitrophenol	ANT	Ave	97862	196647	358145	23728 478532	43068	8.00	20.0	32.0	2.00 48.0	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4-Dinitrotoluene	ANT	Ave	93933	3854 173474	331419	24126 424172	41112	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenzofuran	ANT	Ave	496714	905539	1644218	130172 2080276	220139	4.00	10.0	16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	95848	173592	329024	23591 419600	42408	4.00	10.0	16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	355313	636734	1158352	93165 1506290	161810	4.00	10.0	16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	194100	350123	637467	52062 801496	86410	4.00	10.0	16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	379956	694608	1264944	100620 1605274	169762	4.00	10.0	16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	69776	134597	242470	18088 321999	30763	4.00	10.0	16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	73803	149282	304931	15462 399905	30763	8.00	20.0	32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	260236	480270	867833	71027 1119915	118550	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	352634	645483	1160367	92382 1467864	158827	4.00	10.0	16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	114111	208677	384351	30190 482919	52959	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	3398 134265	7202 243359	439240	34731 567842	60301	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	71024	4382 65395	9771 91199	23673 107266	40429	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Pentachlorophenol	PHN	Ave	121237	239650	449986	28546 604718	53822	8.00	20.0	32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	43688	81255	157379	10681 208526	18736	4.00	10.0	16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave	255222	494124	903273	65615 1144089	115866	4.00	10.0	16.0	1.00 24.0	2.00
Phenanthrene	PHN	Ave	486615	903669	1619890	135614 2102276	226573	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	503635	939476	1669837	137587 2151266	232119	4.00	10.0	16.0	1.00 24.0	2.00
Carbazole	PHN	Ave	390572	739506	1303055	109559 1717417	182045	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	465901	883823	1622828	125059 2150062	218154	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	445163	858679	1498932	124979 1997691	212706	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzidine	PHN	Ave	184384	343098	673581	48727 944273	89342	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	438395	859032	1483878	122398 1986885	209146	4.00	10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	128588	280436	505574	33812 711256	59431	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	130004	275530	506195	32191 698916	58362	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		1184					0.100			
Carbamazepine	CRY	Ave	96486	236133	432596	25102 652158	41537	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	119377	5687 261953	454757	30675 660055	55774	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	9211 328501	18918 703349	1192325	93927 1670632	156696	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	317322	18131 682917	1149401	87432 1552364	151860	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	178033	9454 394872	16391 725410	44065 1022680	80040	4.00	0.200 10.0	0.400 16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	272826	659358	1145469	68975 1676142	125653	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	7573 288562	15540 732807	1187385	82341 1729509	145372	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	7600 327917	17545 715207	1190569	85825 1756617	144488	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]pyrene	PRY	Ave	6158 258862	14492 623395	1025280	69617 1529140	122587	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	8570 319994	17467 791806	1301192	83646 1999104	150865	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	7963 317707	16681 769264	1274807	86988 1913049	152781	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	323102	790445	1335633	89304 2023968	155327	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	216198	10678 423510	818058	49668 1068754	82967	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	254920	13394 489937	938547	60768 1206329	97903	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	5690 221835	11621 423011	811397	53734 1051541	88788	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	12381 441720	24279 841077	1604919	111711 2059707	185244	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 712734

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2020 14:57 Calibration End Date: 07/30/2020 17:51 Calibration ID: 81351

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4,6-Tribromophenol (Surr)	ANT	Ave	64517	3235 122029	236457	16315 307029	27636	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	8720 297466	18196 609434	1100899	84883 1462999	141412	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92366.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 30-Jul-2020 14:57:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:39:30 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 30-Jul-2020 15:33:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.028	2.028	0.000	99	175805	10.0	10.1	
2 N-Nitrosodimethylamine	74	2.228	2.228	0.000	83	241725	10.0	9.87	
3 Pyridine	79	2.269	2.269	0.000	85	835881	20.0	20.3	
$ 4 2-Fluorophenol	112	3.322	3.322	0.000	94	423510	10.0	10.0	
5 Benzaldehyde	77	4.128	4.128	0.000	94	66653	4.00	1.82	
$ 6 Phenol-d5	99	4.175	4.175	0.000	97	489937	10.0	9.79	
7 Phenol	94	4.187	4.187	0.000	99	506164	10.0	9.85	
8 Aniline	93	4.228	4.228	0.000	99	628231	10.0	9.81	
9 Bis(2-chloroethyl)ether	93	4.281	4.281	0.000	94	421709	10.0	9.73	
10 Benzonitrile	103	4.304	4.304	0.000	99	786886	NC	NC	
11 2-Chlorophenol	128	4.346	4.346	0.000	95	441612	10.0	9.94	
12 n-Decane	43	4.387	4.387	0.000	93	584163	10.0	10.2	
13 1,3-Dichlorobenzene	146	4.493	4.493	0.000	96	538889	10.0	10.1	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	95	269130	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	95	542460	10.0	10.0	
16 Benzyl alcohol	108	4.663	4.663	0.000	93	248031	10.0	9.65	
17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	96	506722	10.0	10.0	
18 2-Methylphenol	108	4.763	4.763	0.000	90	357238	10.0	9.85	
19 2,2'-oxybis[1-chloropropane]	45	4.793	4.793	0.000	93	668071	10.0	9.83	
20 N-Methylaniline	106	4.904	4.904	0.000	88	650701	10.0	9.81	
23 3 & 4 Methylphenol	108	4.910	4.910	0.000	98	407596	10.0	9.80	
24 4-Methylphenol	108	4.910	4.910	0.000	87	407596	10.0	9.80	
22 N-Nitrosodi-n-propylamine	70	4.916	4.916	0.000	92	276790	10.0	9.26	
21 Acetophenone	105	4.916	4.916	0.000	90	563680	10.0	9.75	
25 Hexachloroethane	117	5.022	5.022	0.000	92	200524	10.0	10.1	
$ 27 Nitrobenzene-d5	82	5.057	5.057	0.000	90	423011	10.0	9.94	
28 Nitrobenzene	123	5.081	5.081	0.000	94	199500	10.0	9.75	
29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	99	645753	10.0	9.69	
30 Isophorone	82	5.304	5.304	0.000	99	667382	10.0	9.64	
32 2-Nitrophenol	139	5.381	5.381	0.000	92	191128	10.0	9.86	
33 2,4-Dimethylphenol	122	5.416	5.416	0.000	91	341682	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.504	5.504	0.000	90	104430	10.0	9.02	
34 Bis(2-chloroethoxy)methane	93	5.504	5.504	0.000	98	456984	10.0	9.95	
36 2,4-Dichlorophenol	162	5.604	5.604	0.000	96	354629	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.693	5.693	0.000	94	422030	10.0	10.3	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	99	902044	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	99	1181521	10.0	10.2	
40 4-Chloroaniline	127	5.810	5.810	0.000	96	465342	10.0	9.85	
130 2,6-Dichlorophenol	162	5.822	5.822	0.000	98	338608	NC	NC	
41 Hexachlorobutadiene	225	5.893	5.893	0.000	97	255006	10.0	10.4	
42 Caprolactam	113	6.134	6.134	0.000	89	27981	4.00	4.10	M
43 4-Chloro-3-methylphenol	107	6.269	6.269	0.000	97	284345	10.0	9.77	
44 2-Methylnaphthalene	142	6.422	6.422	0.000	84	775896	10.0	9.94	
45 1-Methylnaphthalene	142	6.516	6.516	0.000	92	716353	10.0	9.82	
47 1,2,4,5-Tetrachlorobenzene	216	6.581	6.581	0.000	98	409105	10.0	10.3	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	97	300766	10.0	10.5	
48 2-tertbutyl-4-methylphenol	149	6.604	6.604	0.000	93	474792	10.0	9.81	
49 2,4,6-Trichlorophenol	196	6.687	6.687	0.000	91	251879	10.0	10.9	
50 2,4,5-Trichlorophenol	196	6.716	6.716	0.000	98	252181	10.0	9.94	
$ 51 2-Fluorobiphenyl	172	6.769	6.769	0.000	97	841077	10.0	10.2	
52 1,1'-Biphenyl	154	6.863	6.863	0.000	95	901380	10.0	10.2	
53 2-Chloronaphthalene	162	6.881	6.881	0.000	99	700865	10.0	10.2	
54 Phenyl ether	170	6.957	6.957	0.000	89	482532	10.0	10.3	
55 2-Nitroaniline	65	6.969	6.969	0.000	99	202341	10.0	9.97	
57 1,3-Dimethylnaphthalene	156	7.087	7.087	0.000	92	525527	10.0	10.1	
59 Dimethyl phthalate	163	7.145	7.145	0.000	99	670793	10.0	9.87	
60 Coumarin	146	7.169	7.169	0.000	78	212782	10.0	9.53	
61 2,6-Dinitrotoluene	165	7.198	7.198	0.000	95	148291	10.0	10.4	
62 Acenaphthylene	152	7.269	7.269	0.000	98	999694	10.0	10.2	
63 3-Nitroaniline	138	7.357	7.357	0.000	94	142071	10.0	10.1	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	98	411277	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.428	7.428	0.000	97	654179	10.0	10.2	
66 Acenaphthene	154	7.434	7.434	0.000	95	662475	10.0	10.1	
67 2,4-Dinitrophenol	184	7.457	7.457	0.000	96	112860	20.0	19.3	
68 4-Nitrophenol	65	7.510	7.510	0.000	92	196647	20.0	21.2	
69 2,4-Dinitrotoluene	165	7.581	7.581	0.000	96	173474	10.0	10.4	
70 Dibenzofuran	168	7.598	7.598	0.000	96	905539	10.0	10.0	
72 2,3,4,6-Tetrachlorophenol	232	7.716	7.716	0.000	95	173592	10.0	9.97	
73 Diethyl phthalate	149	7.816	7.816	0.000	98	636734	10.0	9.86	
74 4-Chlorophenyl phenyl ether	204	7.916	7.916	0.000	90	350123	10.0	9.95	
75 Fluorene	166	7.922	7.922	0.000	94	694608	10.0	10.0	
76 4-Nitroaniline	138	7.934	7.934	0.000	92	134597	10.0	10.3	
77 4,6-Dinitro-2-methylphenol	198	7.963	7.963	0.000	90	149282	20.0	21.0	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	97	480270	10.0	10.0	
79 1,2-Diphenylhydrazine	77	8.069	8.069	0.000	96	645483	10.0	10.1	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	93	122029	10.0	10.3	
81 4-Bromophenyl phenyl ether	248	8.381	8.381	0.000	93	208677	10.0	9.98	
82 Hexachlorobenzene	284	8.445	8.445	0.000	96	243359	10.0	10.2	
83 Atrazine	200	8.528	8.528	0.000	94	65395	4.00	4.09	
84 Pentachlorophenol	266	8.628	8.628	0.000	94	239650	20.0	20.9	
85 Pentachloronitrobenzene	237	8.645	8.645	0.000	90	81255	10.0	10.0	
86 n-Octadecane	57	8.704	8.704	0.000	94	494124	10.0	10.4	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	619564	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.828	8.828	0.000	97	903669	10.0	10.0	
89 Anthracene	178	8.875	8.875	0.000	99	939476	10.0	10.1	
90 Carbazole	167	9.022	9.022	0.000	96	739506	10.0	10.1	
91 Di-n-butyl phthalate	149	9.357	9.357	0.000	100	883823	10.0	10.0	
92 Fluoranthene	202	9.951	9.951	0.000	98	858679	10.0	10.2	
93 Benzidine	184	10.069	10.069	0.000	99	343098	10.0	9.59	
94 Pyrene	202	10.163	10.163	0.000	98	859032	10.0	9.47	
95 Bisphenol-A	213	10.204	10.204	0.000	98	280436	10.0	9.93	
$ 96 Terphenyl-d14	244	10.316	10.316	0.000	100	609434	10.0	9.31	
97 Butyl benzyl phthalate	149	10.822	10.822	0.000	97	275530	10.0	9.90	
98 2,3,7,8-TCDD	320	10.922	10.922	0.000	89	1184	0.1000	0.1000	
99 Carbamazepine	193	10.933	10.933	0.000	93	236133	10.0	10.4	
100 3,3'-Dichlorobenzidine	252	11.410	11.410	0.000	98	261953	10.0	10.3	
101 Benzo[a]anthracene	228	11.433	11.433	0.000	98	703349	10.0	9.79	
* 102 Chrysene-d12	240	11.445	11.445	0.000	99	412931	8.00	8.00	
104 Chrysene	228	11.475	11.475	0.000	98	682917	10.0	10.0	
103 Bis(2-ethylhexyl) phthalate	149	11.486	11.486	0.000	89	394872	10.0	10.4	
105 Di-n-octyl phthalate	149	12.322	12.322	0.000	97	659358	10.0	10.1	
106 Benzo[b]fluoranthene	252	12.821	12.821	0.000	98	732807	10.0	10.4	
107 Benzo[k]fluoranthene	252	12.863	12.863	0.000	98	715207	10.0	9.83	
108 Benzo[a]pyrene	252	13.280	13.280	0.000	98	623395	10.0	10.3	
* 109 Perylene-d12	264	13.357	13.357	0.000	99	462848	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.951	14.951	0.000	99	791806	10.0	10.3	
111 Dibenz(a,h)anthracene	278	14.992	14.992	0.000	98	769264	10.0	10.2	
112 Benzo[g,h,i]perylene	276	15.398	15.398	0.000	98	790445	10.0	10.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2020 08:39:32 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92366.d

Injection Date: 30-Jul-2020 14:57:30 Instrument ID: CBNAMS14 Operator ID:

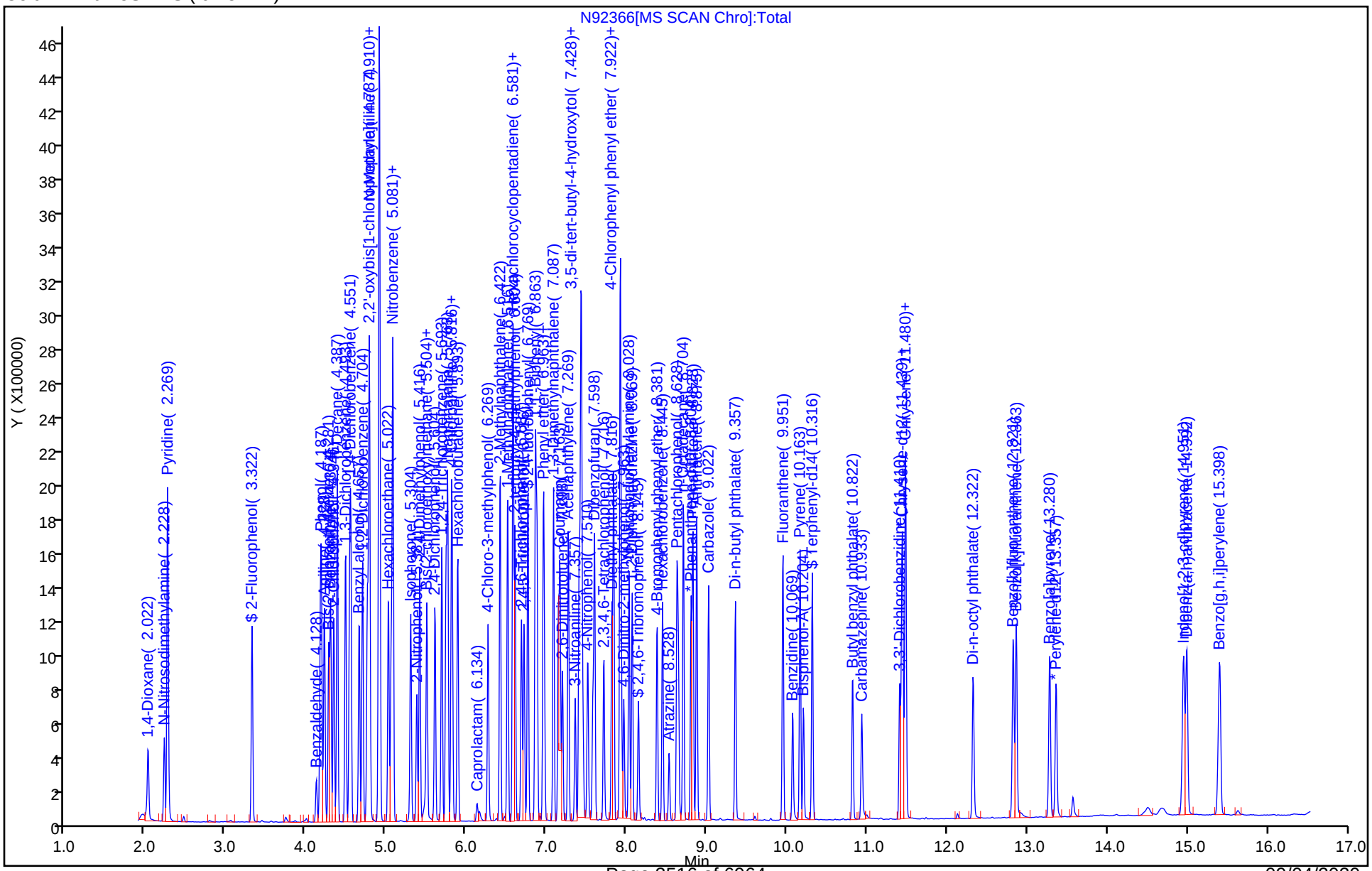
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

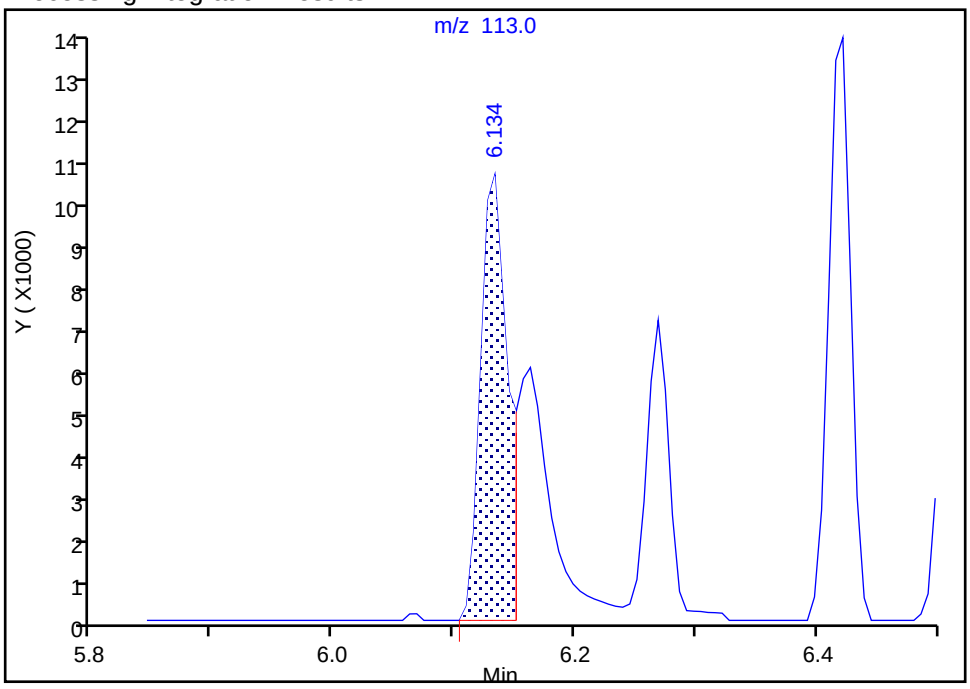
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92366.d
Injection Date: 30-Jul-2020 14:57:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

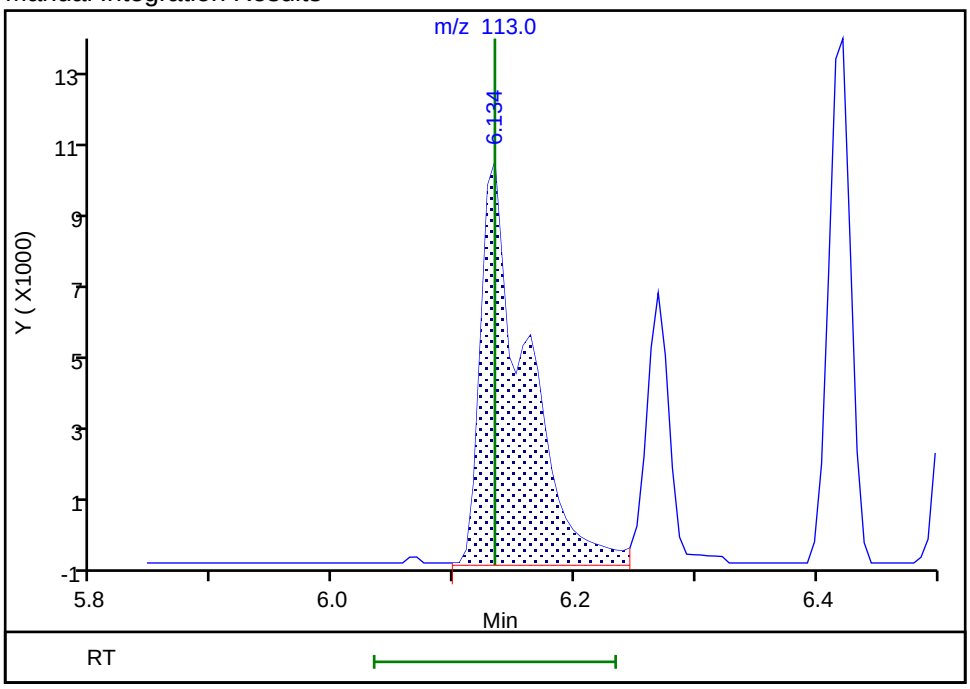
Processing Integration Results

RT: 6.13
Area: 16741
Amount: 2.398382
Amount Units: ug/ml



Manual Integration Results

RT: 6.13
Area: 27981
Amount: 4.100151
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 08:36:39
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92367.d
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 30-Jul-2020 15:23:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-003
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:39:39 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:02:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.028	2.028	0.000	98	413634	24.0	22.7	
2 N-Nitrosodimethylamine	74	2.234	2.228	0.006	95	579855	24.0	22.6	
3 Pyridine	79	2.269	2.269	0.000	85	1929915	48.0	44.8	
$ 4 2-Fluorophenol	112	3.328	3.322	0.006	94	1068754	24.0	24.1	
5 Benzaldehyde	77	4.128	4.128	0.000	95	85745	6.40	2.24	
$ 6 Phenol-d5	99	4.187	4.175	0.012	97	1206329	24.0	23.0	
7 Phenol	94	4.204	4.187	0.017	98	1213819	24.0	22.6	
8 Aniline	93	4.234	4.228	0.006	100	1510161	24.0	22.5	
9 Bis(2-chloroethyl)ether	93	4.287	4.281	0.006	95	992859	24.0	21.9	
10 Benzonitrile	103	4.316	4.304	0.012	99	1916586	NC	NC	
11 2-Chlorophenol	128	4.351	4.346	0.005	96	1052513	24.0	22.6	
12 n-Decane	43	4.393	4.387	0.006	93	1393898	24.0	23.3	
13 1,3-Dichlorobenzene	146	4.493	4.493	0.000	96	1287735	24.0	23.1	
* 14 1,4-Dichlorobenzene-d4	152	4.546	4.540	0.006	95	281704	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	95	1301205	24.0	23.0	
16 Benzyl alcohol	108	4.669	4.663	0.006	93	594448	24.0	22.1	
17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	96	1195191	24.0	22.6	
18 2-Methylphenol	108	4.769	4.763	0.006	89	833649	24.0	22.0	
19 2,2'-oxybis[1-chloropropane]	45	4.799	4.793	0.005	94	1559403	24.0	21.9	a
20 N-Methylaniline	106	4.916	4.904	0.012	90	1592415	24.0	22.9	
23 3 & 4 Methylphenol	108	4.922	4.910	0.012	98	951613	24.0	21.8	
24 4-Methylphenol	108	4.922	4.910	0.012	76	951613	24.0	21.8	
22 N-Nitrosodi-n-propylamine	70	4.928	4.916	0.012	92	655223	24.0	20.9	
21 Acetophenone	105	4.928	4.916	0.012	90	1302189	24.0	21.5	
25 Hexachloroethane	117	5.028	5.022	0.006	91	482673	24.0	23.3	
$ 27 Nitrobenzene-d5	82	5.069	5.057	0.012	89	1051541	24.0	24.6	
28 Nitrobenzene	123	5.087	5.081	0.006	91	473780	24.0	22.1	
29 n,n'-Dimethylaniline	120	5.093	5.081	0.012	94	1571238	24.0	22.5	
30 Isophorone	82	5.316	5.304	0.012	99	1551454	24.0	22.3	
32 2-Nitrophenol	139	5.387	5.381	0.006	92	469000	24.0	24.0	
33 2,4-Dimethylphenol	122	5.422	5.416	0.006	91	795756	24.0	23.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.551	5.504	0.047	89	348090	24.0	23.7	
34 Bis(2-chloroethoxy)methane	93	5.510	5.504	0.006	97	1061657	24.0	23.0	
36 2,4-Dichlorophenol	162	5.616	5.604	0.012	96	811358	24.0	23.1	
37 1,2,4-Trichlorobenzene	180	5.698	5.693	0.005	94	975053	24.0	23.6	
* 38 Naphthalene-d8	136	5.751	5.745	0.006	99	907942	8.00	8.00	
39 Naphthalene	128	5.769	5.763	0.006	99	2716626	24.0	23.3	
40 4-Chloroaniline	127	5.816	5.810	0.006	97	1069869	24.0	22.5	
130 2,6-Dichlorophenol	162	5.828	5.822	0.006	98	782749	NC	NC	
41 Hexachlorobutadiene	225	5.893	5.893	0.000	97	597923	24.0	24.3	
42 Caprolactam	113	6.216	6.134	0.082	89	44452	6.40	6.47	M
43 4-Chloro-3-methylphenol	107	6.275	6.269	0.006	96	664380	24.0	22.7	
44 2-Methylnaphthalene	142	6.422	6.422	0.000	84	1791085	24.0	22.8	
45 1-Methylnaphthalene	142	6.516	6.516	0.000	92	1646939	24.0	22.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.587	6.581	0.006	99	950829	24.0	23.7	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	98	711482	24.0	24.5	
48 2-tertbutyl-4-methylphenol	149	6.610	6.604	0.006	91	1154703	24.0	23.7	
49 2,4,6-Trichlorophenol	196	6.693	6.687	0.005	91	540871	24.0	23.1	
50 2,4,5-Trichlorophenol	196	6.722	6.716	0.006	97	620915	24.0	24.1	
$ 51 2-Fluorobiphenyl	172	6.769	6.769	0.000	98	2059707	24.0	24.7	
52 1,1'-Biphenyl	154	6.869	6.863	0.006	95	2078448	24.0	23.2	
53 2-Chloronaphthalene	162	6.887	6.881	0.006	98	1607680	24.0	23.0	
54 Phenyl ether	170	6.963	6.957	0.006	88	1137456	24.0	23.9	
55 2-Nitroaniline	65	6.981	6.969	0.012	99	493763	24.0	24.0	
57 1,3-Dimethylnaphthalene	156	7.092	7.087	0.005	92	1258294	24.0	23.9	
59 Dimethyl phthalate	163	7.157	7.145	0.012	99	1570808	24.0	22.8	
60 Coumarin	146	7.175	7.169	0.006	78	519070	24.0	23.1	
61 2,6-Dinitrotoluene	165	7.210	7.198	0.012	95	353476	24.0	24.4	
62 Acenaphthylene	152	7.275	7.269	0.006	97	2276824	24.0	22.9	
63 3-Nitroaniline	138	7.363	7.357	0.006	94	342545	24.0	23.9	
* 64 Acenaphthene-d10	164	7.410	7.404	0.006	96	417461	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.434	7.428	0.006	97	1578670	24.0	24.3	
66 Acenaphthene	154	7.440	7.434	0.006	95	1563826	24.0	23.5	
67 2,4-Dinitrophenol	184	7.463	7.457	0.006	97	311963	48.0	50.7	
68 4-Nitrophenol	65	7.522	7.510	0.012	92	478532	48.0	50.8	
69 2,4-Dinitrotoluene	165	7.587	7.581	0.006	96	424172	24.0	25.0	
70 Dibenzofuran	168	7.604	7.598	0.006	96	2080276	24.0	22.7	
72 2,3,4,6-Tetrachlorophenol	232	7.722	7.716	0.006	96	419600	24.0	23.7	
73 Diethyl phthalate	149	7.822	7.816	0.006	98	1506290	24.0	23.0	
74 4-Chlorophenyl phenyl ether	204	7.922	7.916	0.006	90	801496	24.0	22.4	
75 Fluorene	166	7.928	7.922	0.006	94	1605274	24.0	22.8	
76 4-Nitroaniline	138	7.951	7.934	0.017	90	321999	24.0	24.3	
77 4,6-Dinitro-2-methylphenol	198	7.975	7.963	0.012	90	399905	48.0	56.8	
78 N-Nitrosodiphenylamine	169	8.034	8.028	0.006	97	1119915	24.0	23.6	
79 1,2-Diphenylhydrazine	77	8.075	8.069	0.006	96	1467864	24.0	23.2	
$ 80 2,4,6-Tribromophenol	330	8.151	8.145	0.006	93	307029	24.0	25.4	
81 4-Bromophenyl phenyl ether	248	8.381	8.381	0.000	93	482919	24.0	23.3	
82 Hexachlorobenzene	284	8.451	8.445	0.006	96	567842	24.0	24.1	
83 Atrazine	200	8.534	8.528	0.006	93	107266	6.40	6.77	
84 Pentachlorophenol	266	8.634	8.628	0.006	95	604718	48.0	53.1	
85 Pentachloronitrobenzene	237	8.651	8.645	0.006	89	208526	24.0	26.0	
86 n-Octadecane	57	8.710	8.704	0.006	94	1144089	24.0	24.2	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	614526	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.834	8.828	0.006	97	2102276	24.0	23.5	
89 Anthracene	178	8.881	8.875	0.006	99	2151266	24.0	23.3	
90 Carbazole	167	9.028	9.022	0.006	96	1717417	24.0	23.7	
91 Di-n-butyl phthalate	149	9.357	9.357	0.000	100	2150062	24.0	24.6	
92 Fluoranthene	202	9.951	9.951	0.000	98	1997691	24.0	23.9	
93 Benzidine	184	10.075	10.069	0.006	99	944273	24.0	26.6	
94 Pyrene	202	10.169	10.163	0.006	97	1986885	24.0	21.9	
95 Bisphenol-A	213	10.210	10.204	0.006	98	711256	24.0	25.2	
$ 96 Terphenyl-d14	244	10.322	10.316	0.006	100	1462999	24.0	22.4	
97 Butyl benzyl phthalate	149	10.822	10.822	0.000	97	698916	24.0	25.2	
99 Carbamazepine	193	10.939	10.933	0.006	93	652158	24.0	28.8	
100 3,3'-Dichlorobenzidine	252	11.410	11.410	0.000	99	660055	24.0	26.0	
101 Benzo[a]anthracene	228	11.439	11.433	0.006	98	1670632	24.0	23.3	
* 102 Chrysene-d12	240	11.451	11.445	0.006	99	412189	8.00	8.00	
104 Chrysene	228	11.486	11.475	0.012	98	1552364	24.0	22.8	
103 Bis(2-ethylhexyl) phthalate	149	11.486	11.486	0.000	88	1022680	24.0	27.1	
105 Di-n-octyl phthalate	149	12.327	12.322	0.005	97	1676142	24.0	24.3	
106 Benzo[b]fluoranthene	252	12.833	12.821	0.012	98	1729509	24.0	23.3	
107 Benzo[k]fluoranthene	252	12.869	12.863	0.006	99	1756617	24.0	22.9	
108 Benzo[a]pyrene	252	13.286	13.280	0.006	98	1529140	24.0	23.8	
* 109 Perylene-d12	264	13.363	13.357	0.006	99	488913	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.963	14.951	0.012	99	1999104	24.0	24.7	
111 Dibenz(a,h)anthracene	278	15.004	14.992	0.012	97	1913049	24.0	24.1	
112 Benzo[g,h,i]perylene	276	15.421	15.398	0.023	98	2023968	24.0	24.2	
S 119 Total Cresols	1				0			43.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2020 08:39:41 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92367.d

Injection Date: 30-Jul-2020 15:23:30 Instrument ID: CBNAMS14 Operator ID:

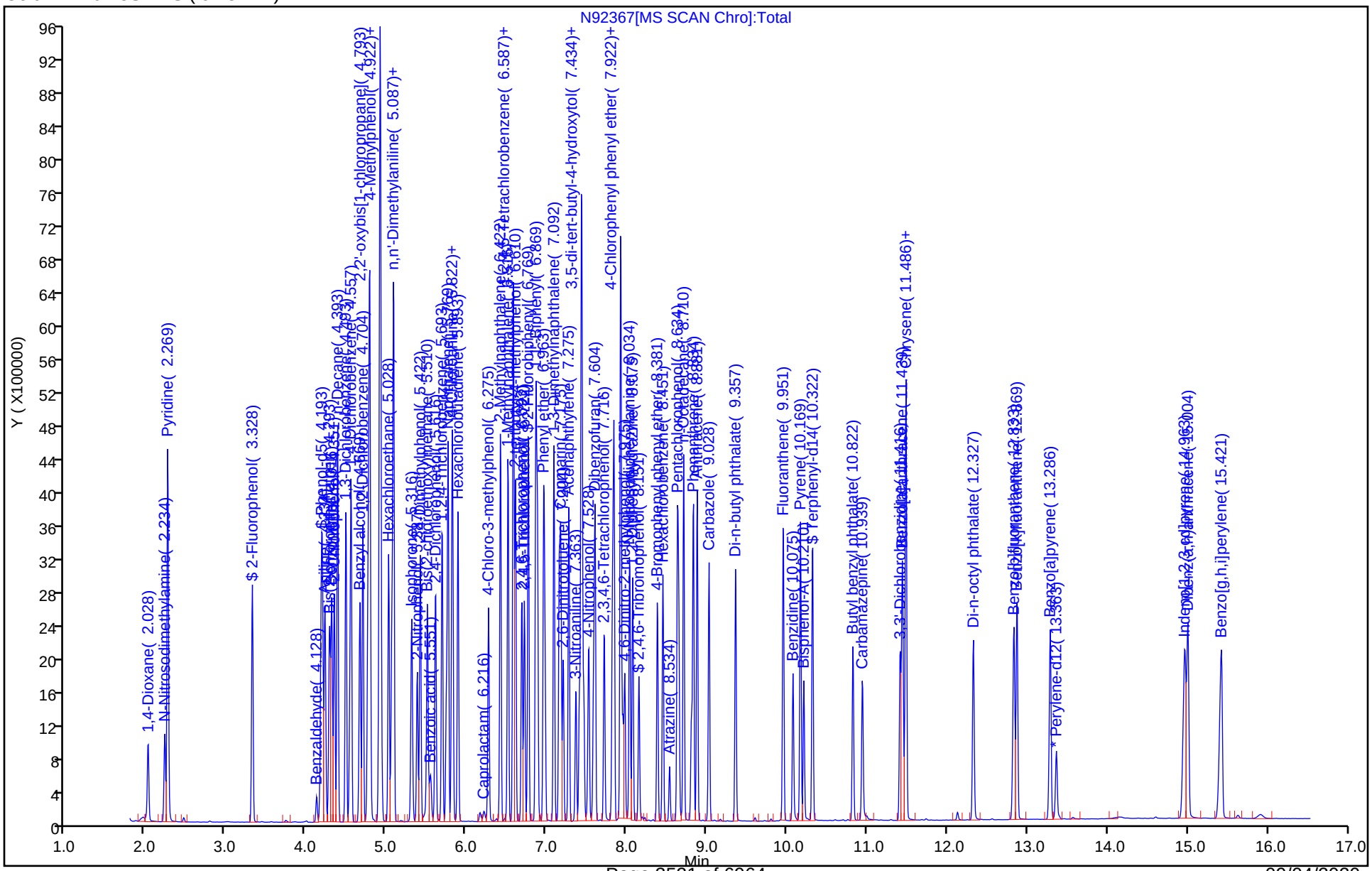
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

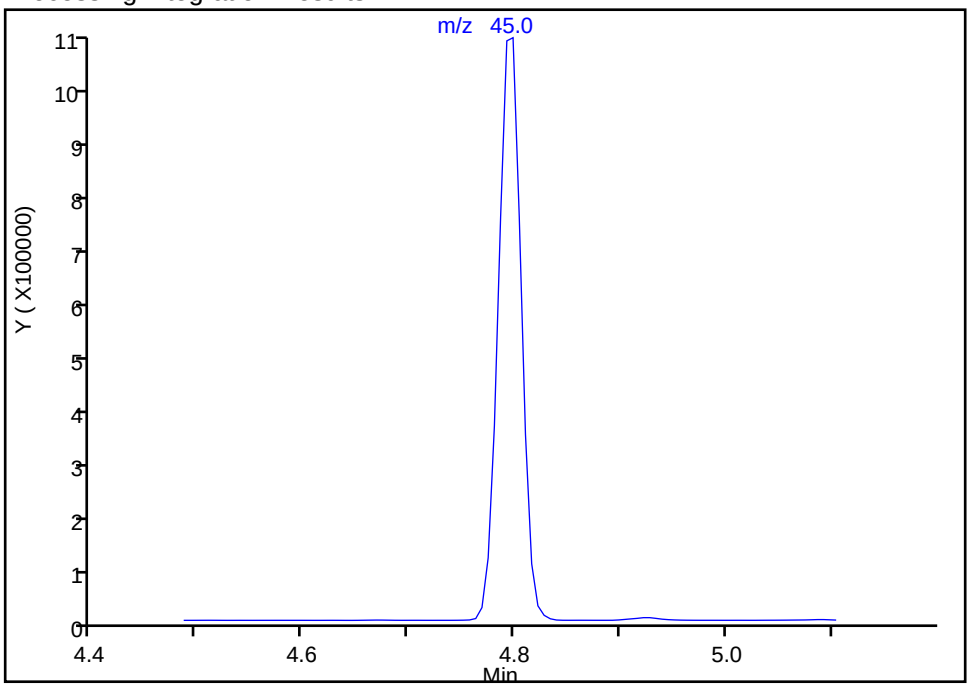
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92367.d
Injection Date: 30-Jul-2020 15:23:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

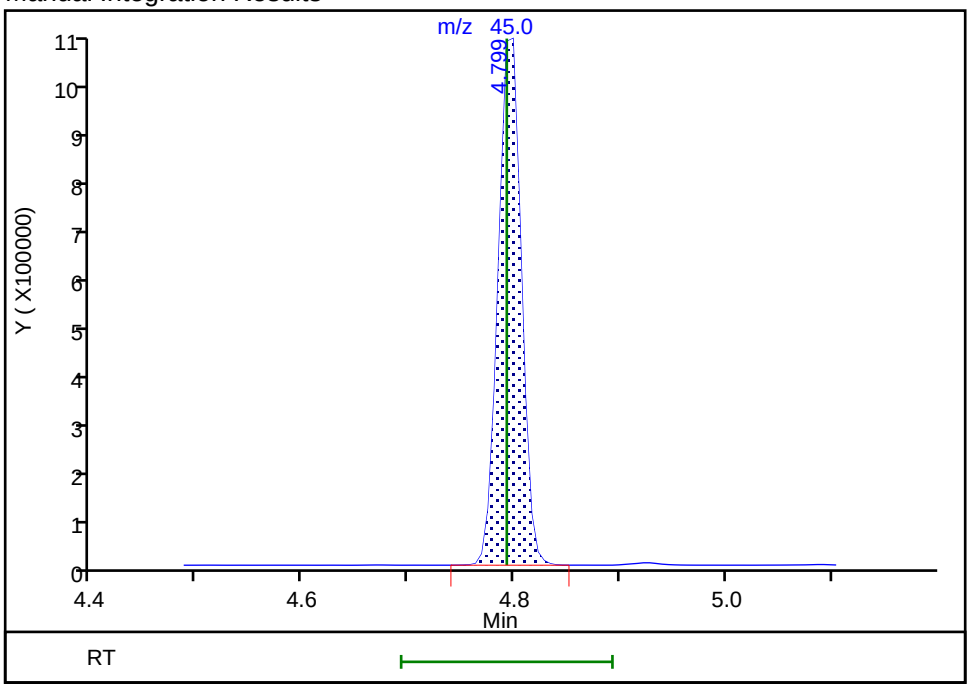
Not Detected
Expected RT: 4.79

Processing Integration Results



Manual Integration Results

RT: 4.80
Area: 1559403
Amount: 21.921332
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 06:00:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

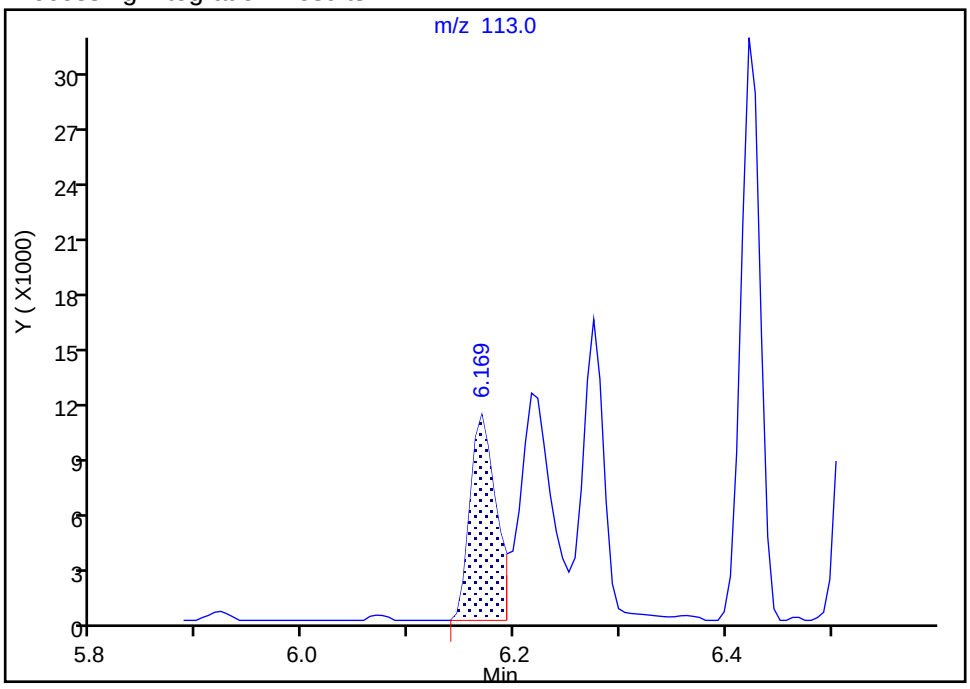
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92367.d
Injection Date: 30-Jul-2020 15:23:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

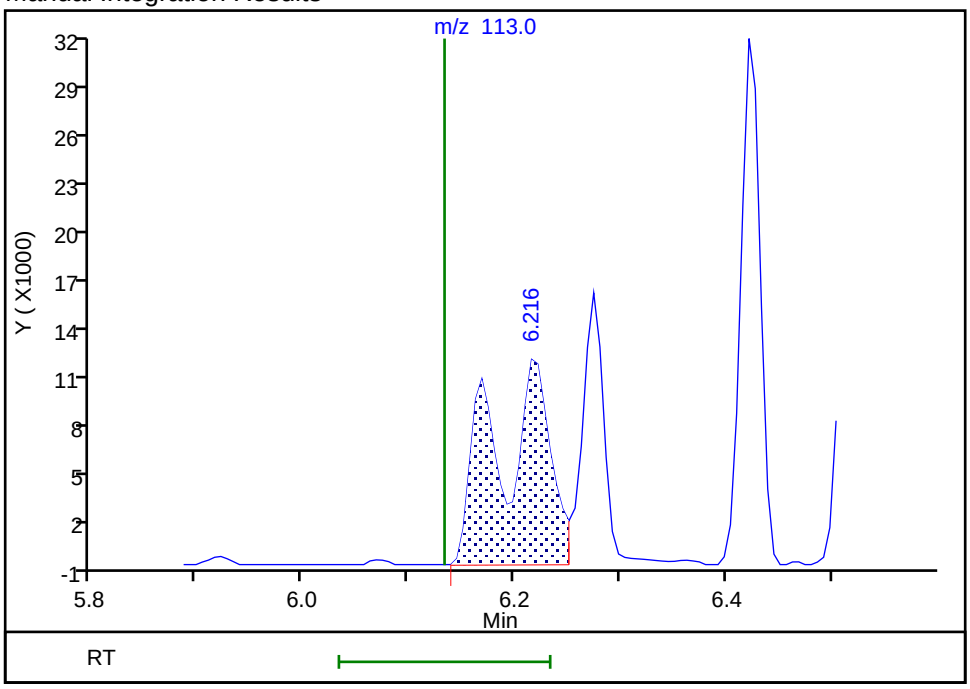
Processing Integration Results

RT: 6.17
Area: 19211
Amount: 3.290258
Amount Units: ug/ml



Manual Integration Results

RT: 6.22
Area: 44452
Amount: 6.471390
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 06:00:42
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92368.d
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Jul-2020 15:44:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-004
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:39:48 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:03:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.040	2.028	0.012	97	312768	16.0	15.2	
2 N-Nitrosodimethylamine	74	2.240	2.228	0.012	83	448932	16.0	15.5	
3 Pyridine	79	2.281	2.269	0.012	84	1510522	32.0	31.1	
$ 4 2-Fluorophenol	112	3.328	3.322	0.006	94	818058	16.0	16.4	
5 Benzaldehyde	77	4.128	4.128	0.000	93	112129	4.80	2.59	
$ 6 Phenol-d5	99	4.187	4.175	0.012	97	938547	16.0	15.9	
7 Phenol	94	4.198	4.187	0.011	98	950913	16.0	15.7	
8 Aniline	93	4.234	4.228	0.006	100	1171073	16.0	15.5	
9 Bis(2-chloroethyl)ether	93	4.287	4.281	0.006	94	775477	16.0	15.2	
10 Benzonitrile	103	4.310	4.304	0.006	99	1463481	NC	NC	
11 2-Chlorophenol	128	4.345	4.346	-0.001	96	816835	16.0	15.6	
12 n-Decane	43	4.392	4.387	0.005	93	1080540	16.0	16.0	
13 1,3-Dichlorobenzene	146	4.492	4.493	-0.001	96	989976	16.0	15.7	
* 14 1,4-Dichlorobenzene-d4	152	4.545	4.540	0.005	94	317461	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	95	1005157	16.0	15.8	
16 Benzyl alcohol	108	4.669	4.663	0.006	93	463011	16.0	15.3	
17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	96	930989	16.0	15.6	
18 2-Methylphenol	108	4.769	4.763	0.006	90	659227	16.0	15.4	
19 2,2'-oxybis[1-chloropropane]	45	4.792	4.793	-0.001	93	1230991	16.0	15.4	
20 N-Methylaniline	106	4.910	4.904	0.006	92	1221765	16.0	15.6	
23 3 & 4 Methylphenol	108	4.916	4.910	0.006	98	761552	16.0	15.5	
24 4-Methylphenol	108	4.916	4.910	0.006	83	761552	16.0	15.5	
22 N-Nitrosodi-n-propylamine	70	4.922	4.916	0.006	92	517503	16.0	14.7	
21 Acetophenone	105	4.922	4.916	0.006	88	1041833	16.0	15.3	
25 Hexachloroethane	117	5.028	5.022	0.006	92	371574	16.0	15.9	
$ 27 Nitrobenzene-d5	82	5.063	5.057	0.006	92	811397	16.0	16.2	
28 Nitrobenzene	123	5.087	5.081	0.006	91	377092	16.0	15.6	
29 n,n'-Dimethylaniline	120	5.087	5.081	0.006	94	1214590	16.0	15.4	
30 Isophorone	82	5.310	5.304	0.006	99	1227827	16.0	15.1	
32 2-Nitrophenol	139	5.381	5.381	0.000	92	376357	16.0	16.5	
33 2,4-Dimethylphenol	122	5.422	5.416	0.006	91	623788	16.0	15.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.534	5.504	0.030	90	267804	16.0	17.0	
34 Bis(2-chloroethoxy)methane	93	5.510	5.504	0.006	98	841823	16.0	15.6	
36 2,4-Dichlorophenol	162	5.610	5.604	0.006	96	647420	16.0	15.8	
37 1,2,4-Trichlorobenzene	180	5.692	5.693	-0.001	94	781357	16.0	16.2	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	99	1058707	8.00	8.00	
39 Naphthalene	128	5.769	5.763	0.006	99	2162205	16.0	15.9	
40 4-Chloroaniline	127	5.816	5.810	0.006	97	858800	16.0	15.5	
130 2,6-Dichlorophenol	162	5.828	5.822	0.006	98	619140	NC	NC	
41 Hexachlorobutadiene	225	5.892	5.893	-0.001	96	472373	16.0	16.5	
42 Caprolactam	113	6.157	6.134	0.023	89	39242	4.80	4.90	M
43 4-Chloro-3-methylphenol	107	6.275	6.269	0.006	96	522532	16.0	15.3	
44 2-Methylnaphthalene	142	6.422	6.422	0.000	84	1415750	16.0	15.4	
45 1-Methylnaphthalene	142	6.516	6.516	0.000	92	1328076	16.0	15.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.586	6.581	0.005	98	744838	16.0	15.9	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	97	562524	16.0	16.6	
48 2-tertbutyl-4-methylphenol	149	6.610	6.604	0.006	91	882304	16.0	15.5	
49 2,4,6-Trichlorophenol	196	6.686	6.687	-0.001	91	448332	16.0	16.4	
50 2,4,5-Trichlorophenol	196	6.722	6.716	0.006	98	476538	16.0	15.8	
$ 51 2-Fluorobiphenyl	172	6.769	6.769	0.000	97	1604919	16.0	16.5	
52 1,1'-Biphenyl	154	6.863	6.863	0.000	95	1653600	16.0	15.8	
53 2-Chloronaphthalene	162	6.881	6.881	0.000	98	1279366	16.0	15.7	
54 Phenyl ether	170	6.963	6.957	0.006	89	887288	16.0	16.0	
55 2-Nitroaniline	65	6.975	6.969	0.006	98	387851	16.0	16.1	
57 1,3-Dimethylnaphthalene	156	7.086	7.087	-0.001	93	983958	16.0	16.0	
59 Dimethyl phthalate	163	7.151	7.145	0.006	99	1222359	16.0	15.2	
60 Coumarin	146	7.169	7.169	0.000	77	392403	16.0	15.0	
61 2,6-Dinitrotoluene	165	7.204	7.198	0.006	94	275161	16.0	16.3	
62 Acenaphthylene	152	7.275	7.269	0.006	97	1798624	16.0	15.5	
63 3-Nitroaniline	138	7.363	7.357	0.006	94	264648	16.0	15.8	
* 64 Acenaphthene-d10	164	7.410	7.404	0.006	96	487572	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.428	7.428	0.000	97	1228359	16.0	16.2	
66 Acenaphthene	154	7.439	7.434	0.005	95	1238720	16.0	15.9	
67 2,4-Dinitrophenol	184	7.457	7.457	0.000	97	237596	32.0	33.4	
68 4-Nitrophenol	65	7.522	7.510	0.012	92	358145	32.0	32.5	
69 2,4-Dinitrotoluene	165	7.581	7.581	0.000	95	331419	16.0	16.7	
70 Dibenzofuran	168	7.604	7.598	0.006	96	1644218	16.0	15.4	
72 2,3,4,6-Tetrachlorophenol	232	7.716	7.716	0.000	96	329024	16.0	15.9	
73 Diethyl phthalate	149	7.816	7.816	0.000	98	1158352	16.0	15.1	
74 4-Chlorophenyl phenyl ether	204	7.922	7.916	0.006	89	637467	16.0	15.3	
75 Fluorene	166	7.922	7.922	0.000	95	1264944	16.0	15.4	
76 4-Nitroaniline	138	7.945	7.934	0.011	90	242470	16.0	15.7	
77 4,6-Dinitro-2-methylphenol	198	7.969	7.963	0.006	90	304931	32.0	38.1	
78 N-Nitrosodiphenylamine	169	8.033	8.028	0.005	97	867833	16.0	16.1	
79 1,2-Diphenylhydrazine	77	8.069	8.069	0.000	96	1160367	16.0	16.1	
$ 80 2,4,6-Tribromophenol	330	8.151	8.145	0.006	92	236457	16.0	16.8	
81 4-Bromophenyl phenyl ether	248	8.380	8.381	-0.001	93	384351	16.0	16.3	
82 Hexachlorobenzene	284	8.451	8.445	0.006	96	439240	16.0	16.4	
83 Atrazine	200	8.533	8.528	0.005	93	91199	4.80	5.07	
84 Pentachlorophenol	266	8.628	8.628	0.000	94	449986	32.0	34.7	
85 Pentachloronitrobenzene	237	8.645	8.645	0.000	89	157379	16.0	17.3	
86 n-Octadecane	57	8.710	8.704	0.006	94	903273	16.0	16.8	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	698377	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.828	8.828	0.000	97	1619890	16.0	15.9	
89 Anthracene	178	8.875	8.875	0.000	99	1669837	16.0	15.9	
90 Carbazole	167	9.022	9.022	0.000	96	1303055	16.0	15.8	
91 Di-n-butyl phthalate	149	9.357	9.357	0.000	100	1622828	16.0	16.4	
92 Fluoranthene	202	9.951	9.951	0.000	98	1498932	16.0	15.8	
93 Benzidine	184	10.069	10.069	0.000	99	673581	16.0	16.7	
94 Pyrene	202	10.163	10.163	0.000	97	1483878	16.0	15.1	
95 Bisphenol-A	213	10.204	10.204	0.000	98	505574	16.0	16.6	
$ 96 Terphenyl-d14	244	10.316	10.316	0.000	100	1100899	16.0	15.6	
97 Butyl benzyl phthalate	149	10.821	10.822	-0.001	97	506195	16.0	16.8	
99 Carbamazepine	193	10.933	10.933	0.000	93	432596	16.0	17.7	
100 3,3'-Dichlorobenzidine	252	11.410	11.410	0.000	98	454757	16.0	16.6	
101 Benzo[a]anthracene	228	11.433	11.433	0.000	98	1192325	16.0	15.4	
* 102 Chrysene-d12	240	11.445	11.445	0.000	99	446014	8.00	8.00	
104 Chrysene	228	11.480	11.475	0.006	98	1149401	16.0	15.6	
103 Bis(2-ethylhexyl) phthalate	149	11.480	11.486	-0.006	88	725410	16.0	17.7	
105 Di-n-octyl phthalate	149	12.321	12.322	-0.001	97	1145469	16.0	16.9	
106 Benzo[b]fluoranthene	252	12.827	12.821	0.006	98	1187385	16.0	16.3	
107 Benzo[k]fluoranthene	252	12.863	12.863	0.000	99	1190569	16.0	15.8	
108 Benzo[a]pyrene	252	13.280	13.280	0.000	98	1025280	16.0	16.3	
* 109 Perylene-d12	264	13.357	13.357	0.000	99	480327	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.957	14.951	0.006	98	1301192	16.0	16.3	
111 Dibenz(a,h)anthracene	278	14.992	14.992	0.000	98	1274807	16.0	16.3	
112 Benzo[g,h,i]perylene	276	15.409	15.398	0.011	98	1335633	16.0	16.3	
S 119 Total Cresols	1				0			30.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL8_LVI_00002 Amount Added: 1.00 Units: mL

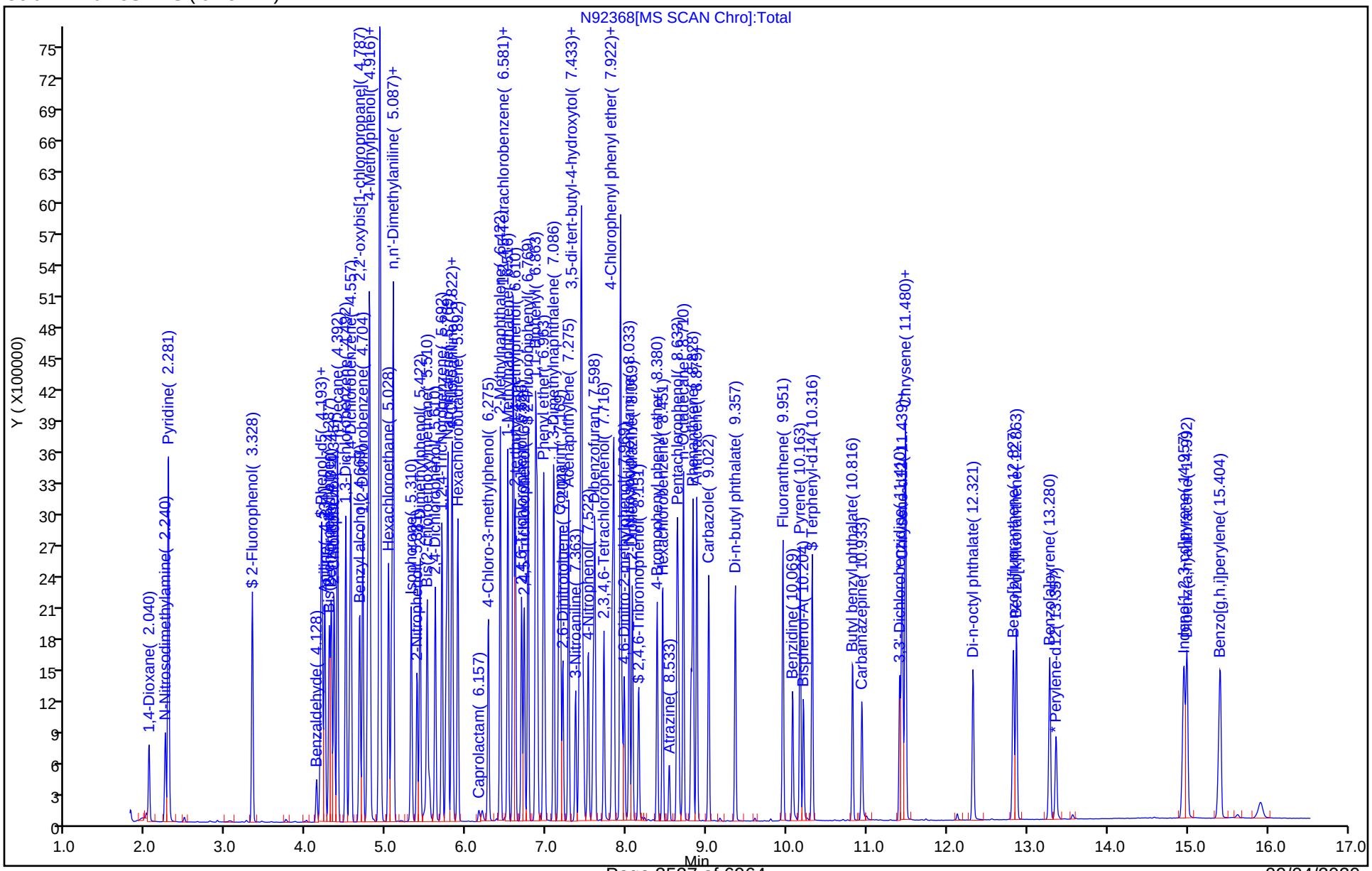
Report Date: 31-Jul-2020 08:39:49 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92368.d

Injection Date:	30-Jul-2020 15:44:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

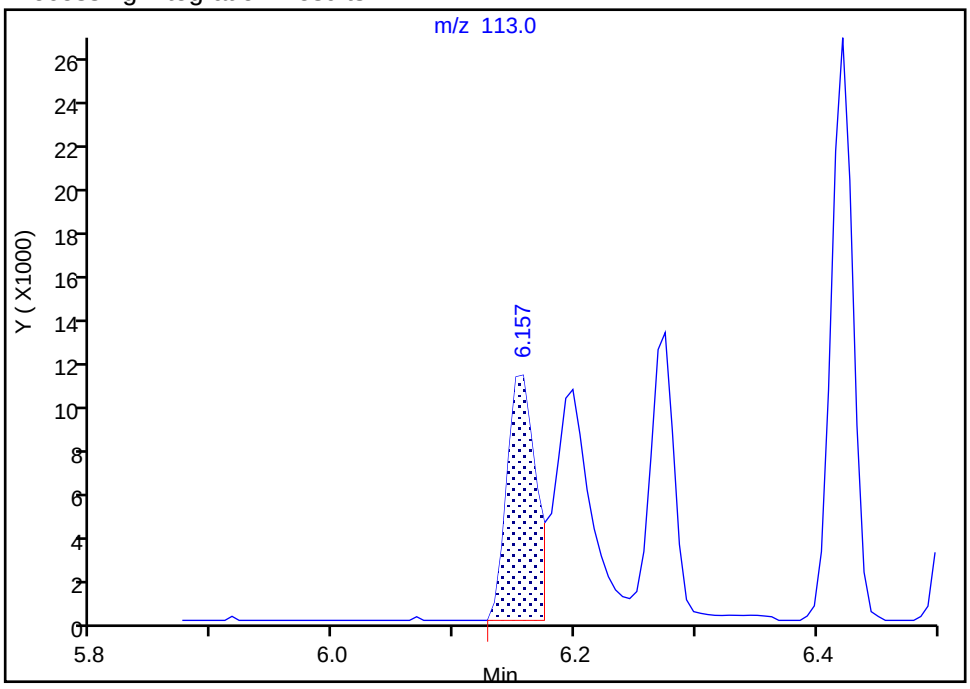
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92368.d
Injection Date: 30-Jul-2020 15:44:30 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

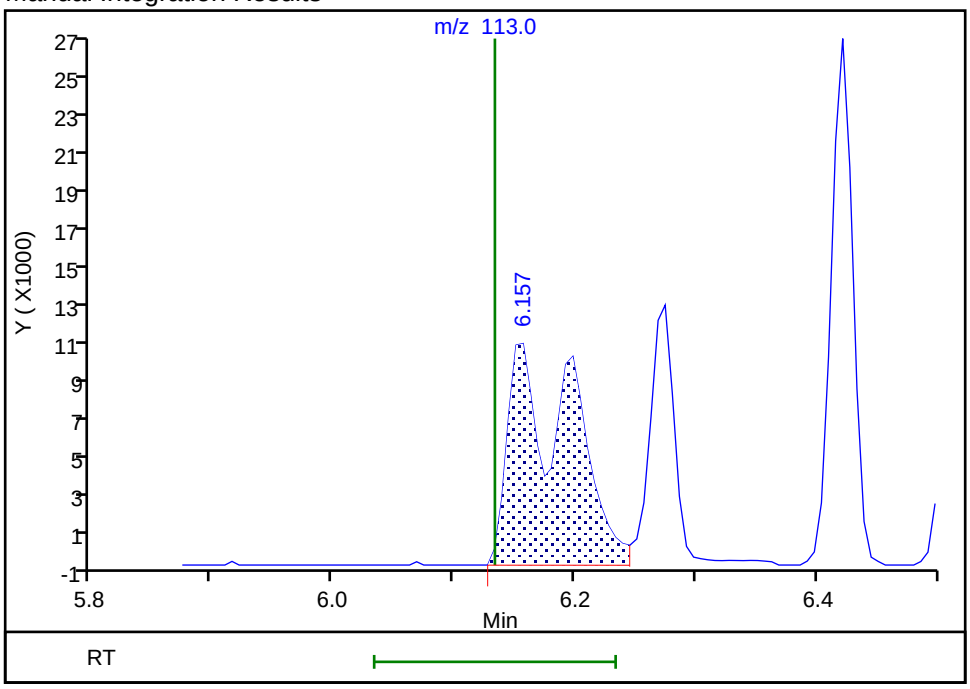
Processing Integration Results

RT: 6.16
Area: 18452
Amount: 2.499209
Amount Units: ug/ml



Manual Integration Results

RT: 6.16
Area: 39242
Amount: 4.899364
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 08:31:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92369.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Jul-2020 16:05:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-005
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:39:57 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:04:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.052	2.052	0.000	98	89191	4.00	3.82	
2 N-Nitrosodimethylamine	74	2.246	2.246	0.000	84	128895	4.00	3.93	
3 Pyridine	79	2.287	2.287	0.000	84	432639	8.00	7.84	
$ 4 2-Fluorophenol	112	3.328	3.328	0.000	94	216198	4.00	3.81	
5 Benzaldehyde	77	4.128	4.128	0.000	89	149075	3.20	3.03	
$ 6 Phenol-d5	99	4.175	4.175	0.000	90	254920	4.00	3.80	
7 Phenol	94	4.187	4.187	0.000	98	269798	4.00	3.92	
8 Aniline	93	4.228	4.228	0.000	58	336640	4.00	3.92	
9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	90	226063	4.00	3.89	
10 Benzonitrile	103	4.299	4.299	0.000	99	418369	NC	NC	
11 2-Chlorophenol	128	4.340	4.340	0.000	89	235144	4.00	3.95	
12 n-Decane	43	4.387	4.387	0.000	93	305684	4.00	3.99	
13 1,3-Dichlorobenzene	146	4.493	4.493	0.000	96	283044	4.00	3.96	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	89	360740	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	93	287916	4.00	3.98	
16 Benzyl alcohol	108	4.657	4.657	0.000	91	136631	4.00	3.97	
17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	91	266374	4.00	3.94	
18 2-Methylphenol	108	4.763	4.763	0.000	85	190466	4.00	3.92	
19 2,2'-oxybis[1-chloropropane]	45	4.793	4.793	0.000	93	363285	4.00	3.99	
20 N-Methylaniline	106	4.904	4.904	0.000	71	346693	4.00	3.90	
23 3 & 4 Methylphenol	108	4.904	4.904	0.000	97	219484	4.00	3.94	
24 4-Methylphenol	108	4.904	4.904	0.000	76	219484	4.00	3.94	
22 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	63	152558	4.00	3.81	
21 Acetophenone	105	4.916	4.916	0.000	86	306365	4.00	3.95	
25 Hexachloroethane	117	5.022	5.022	0.000	93	107987	4.00	4.07	
$ 27 Nitrobenzene-d5	82	5.057	5.057	0.000	89	221835	4.00	3.84	
28 Nitrobenzene	123	5.075	5.075	0.000	89	109423	4.00	3.99	
29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	86	340627	4.00	3.81	
30 Isophorone	82	5.298	5.298	0.000	99	367545	4.00	3.91	
32 2-Nitrophenol	139	5.381	5.381	0.000	92	105346	4.00	4.00	
33 2,4-Dimethylphenol	122	5.416	5.416	0.000	61	184798	4.00	3.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.481	5.481	0.000	78	42660	4.00	3.70	
34 Bis(2-chloroethoxy)methane	93	5.504	5.504	0.000	96	246705	4.00	3.96	
36 2,4-Dichlorophenol	162	5.604	5.604	0.000	95	187663	4.00	3.96	
37 1,2,4-Trichlorobenzene	180	5.693	5.693	0.000	94	225112	4.00	4.04	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	98	1225147	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	99	632328	4.00	4.02	
40 4-Chloroaniline	127	5.810	5.810	0.000	84	254970	4.00	3.97	
130 2,6-Dichlorophenol	162	5.822	5.822	0.000	90	180661	NC	NC	
41 Hexachlorobutadiene	225	5.893	5.893	0.000	96	134919	4.00	4.06	
42 Caprolactam	113	6.122	6.122	0.000	90	29915	3.20	3.23	M
43 4-Chloro-3-methylphenol	107	6.269	6.269	0.000	93	157543	4.00	3.98	
44 2-Methylnaphthalene	142	6.422	6.422	0.000	84	419830	4.00	3.96	
45 1-Methylnaphthalene	142	6.516	6.516	0.000	89	392814	4.00	3.96	
47 1,2,4,5-Tetrachlorobenzene	216	6.581	6.581	0.000	96	221270	4.00	4.06	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	78	158709	4.00	4.03	
48 2-tertbutyl-4-methylphenol	149	6.604	6.604	0.000	83	256558	4.00	3.90	
49 2,4,6-Trichlorophenol	196	6.687	6.687	0.000	91	137468	4.00	4.33	
50 2,4,5-Trichlorophenol	196	6.716	6.716	0.000	94	134053	4.00	3.83	
$ 51 2-Fluorobiphenyl	172	6.769	6.769	0.000	94	441720	4.00	3.90	
52 1,1'-Biphenyl	154	6.857	6.857	0.000	96	485484	4.00	3.99	
53 2-Chloronaphthalene	162	6.881	6.881	0.000	98	384149	4.00	4.05	
54 Phenyl ether	170	6.957	6.957	0.000	87	258340	4.00	4.00	
55 2-Nitroaniline	65	6.969	6.969	0.000	87	113474	4.00	4.06	
57 1,3-Dimethylnaphthalene	156	7.087	7.087	0.000	93	288640	4.00	4.03	
59 Dimethyl phthalate	163	7.145	7.145	0.000	99	377732	4.00	4.03	
60 Coumarin	146	7.163	7.163	0.000	74	117599	4.00	3.88	
61 2,6-Dinitrotoluene	165	7.198	7.198	0.000	6	81141	4.00	4.13	
62 Acenaphthylene	152	7.269	7.269	0.000	96	542249	4.00	4.02	
63 3-Nitroaniline	138	7.357	7.357	0.000	95	78658	4.00	4.04	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	95	566730	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.422	0.000	97	352092	4.00	4.00	
66 Acenaphthene	154	7.434	7.434	0.000	95	360444	4.00	3.99	
67 2,4-Dinitrophenol	184	7.451	7.451	0.000	41	54521	8.00	7.42	
68 4-Nitrophenol	65	7.510	7.510	0.000	91	97862	8.00	7.65	
69 2,4-Dinitrotoluene	165	7.575	7.575	0.000	94	93933	4.00	4.08	
70 Dibenzofuran	168	7.598	7.598	0.000	91	496714	4.00	4.00	
72 2,3,4,6-Tetrachlorophenol	232	7.716	7.716	0.000	96	95848	4.00	4.00	
73 Diethyl phthalate	149	7.810	7.810	0.000	97	355313	4.00	3.99	
74 4-Chlorophenyl phenyl ether	204	7.916	7.916	0.000	74	194100	4.00	4.00	
75 Fluorene	166	7.916	7.916	0.000	81	379956	4.00	3.98	
76 4-Nitroaniline	138	7.928	7.928	0.000	64	69776	4.00	3.88	
77 4,6-Dinitro-2-methylphenol	198	7.963	7.963	0.000	16	73803	8.00	7.59	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	97	260236	4.00	3.97	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	92	352634	4.00	4.04	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	93	64517	4.00	3.94	
81 4-Bromophenyl phenyl ether	248	8.381	8.381	0.000	94	114111	4.00	3.98	
82 Hexachlorobenzene	284	8.445	8.445	0.000	95	134265	4.00	4.13	
83 Atrazine	200	8.528	8.528	0.000	90	71024	3.20	3.25	
84 Pentachlorophenol	266	8.628	8.628	0.000	91	121237	8.00	7.70	
85 Pentachloronitrobenzene	237	8.645	8.645	0.000	89	43688	4.00	3.95	
86 n-Octadecane	57	8.704	8.704	0.000	94	255222	4.00	3.91	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	848445	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.822	8.822	0.000	97	486615	4.00	3.93	
89 Anthracene	178	8.869	8.869	0.000	98	503635	4.00	3.96	
90 Carbazole	167	9.022	9.022	0.000	82	390572	4.00	3.90	
91 Di-n-butyl phthalate	149	9.351	9.351	0.000	100	465901	4.00	3.87	
92 Fluoranthene	202	9.945	9.945	0.000	98	445163	4.00	3.85	
93 Benzidine	184	10.069	10.069	0.000	99	184384	4.00	3.76	
94 Pyrene	202	10.163	10.163	0.000	97	438395	4.00	4.15	
95 Bisphenol-A	213	10.204	10.204	0.000	86	128588	4.00	3.91	
$ 96 Terphenyl-d14	244	10.310	10.310	0.000	99	297466	4.00	3.91	
97 Butyl benzyl phthalate	149	10.816	10.816	0.000	96	130004	4.00	4.02	
99 Carbamazepine	193	10.928	10.928	0.000	91	96486	4.00	3.66	
100 3,3'-Dichlorobenzidine	252	11.404	11.404	0.000	98	119377	4.00	4.03	
101 Benzo[a]anthracene	228	11.427	11.427	0.000	98	328501	4.00	3.93	
* 102 Chrysene-d12	240	11.439	11.439	0.000	97	480545	8.00	8.00	
104 Chrysene	228	11.475	11.475	0.000	95	317322	4.00	3.99	
103 Bis(2-ethylhexyl) phthalate	149	11.480	11.480	0.000	81	178033	4.00	4.04	
105 Di-n-octyl phthalate	149	12.316	12.316	0.000	94	272826	4.00	3.97	
106 Benzo[b]fluoranthene	252	12.816	12.816	0.000	96	288562	4.00	3.89	
107 Benzo[k]fluoranthene	252	12.857	12.857	0.000	99	327917	4.00	4.27	
108 Benzo[a]pyrene	252	13.274	13.274	0.000	97	258862	4.00	4.03	
* 109 Perylene-d12	264	13.357	13.357	0.000	99	488501	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.939	14.939	0.000	99	319994	4.00	3.95	
111 Dibenz(a,h)anthracene	278	14.980	14.980	0.000	96	317707	4.00	4.01	
112 Benzo[g,h,i]perylene	276	15.386	15.386	0.000	93	323102	4.00	3.87	
S 119 Total Cresols	1				0			7.85	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL6_LVI_00003 Amount Added: 1.00 Units: mL

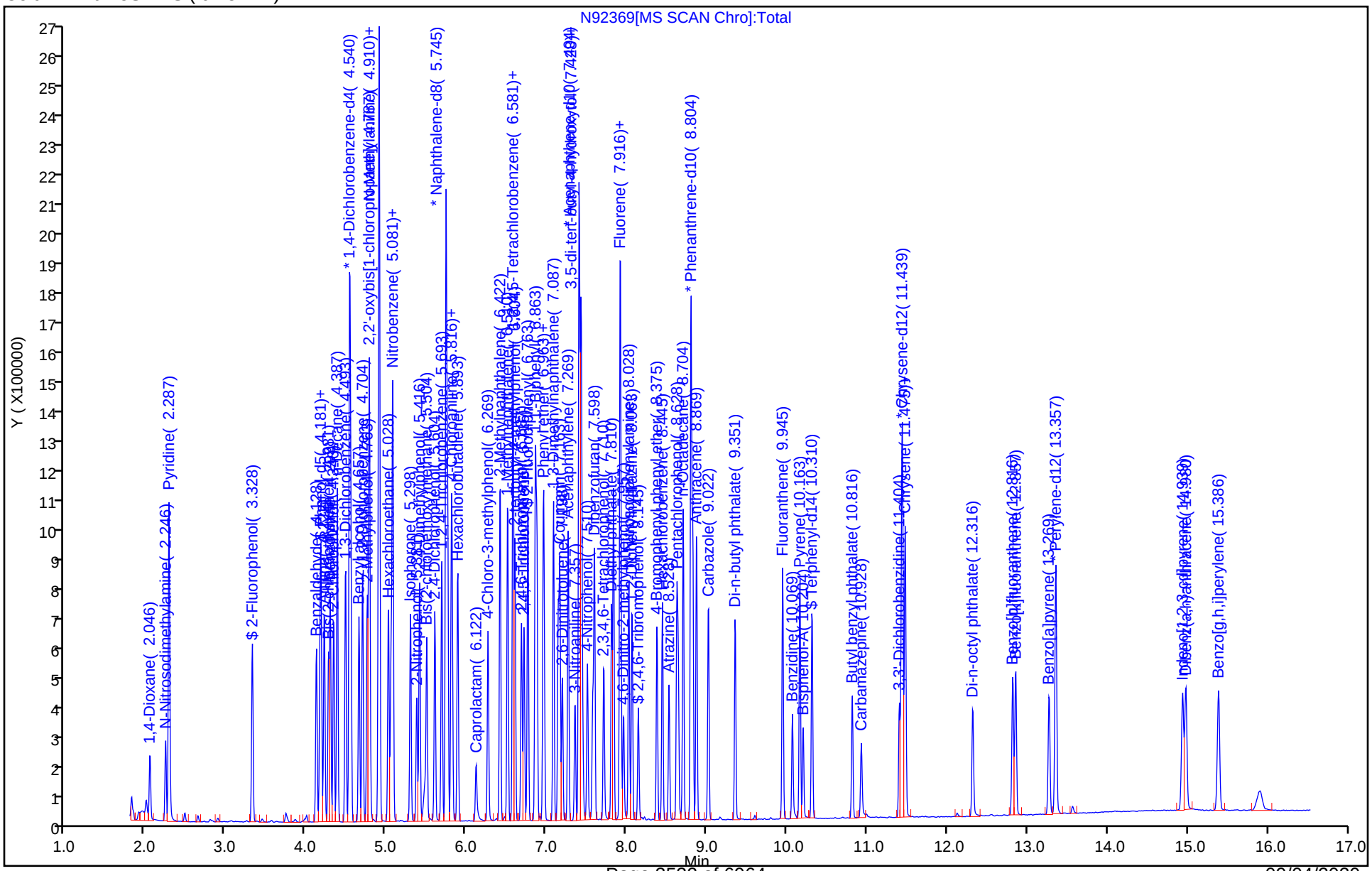
Report Date: 31-Jul-2020 08:39:58 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92369.d

Injection Date:	30-Jul-2020 16:05:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

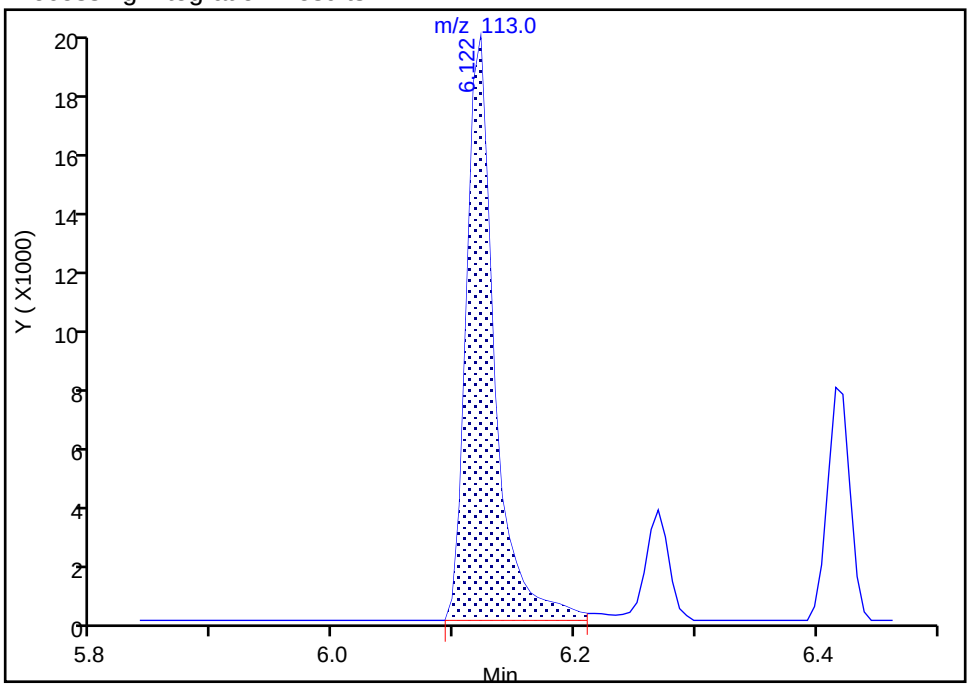
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92369.d				
Injection Date:	30-Jul-2020 16:05:30	Instrument ID:	CBNAMS14		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

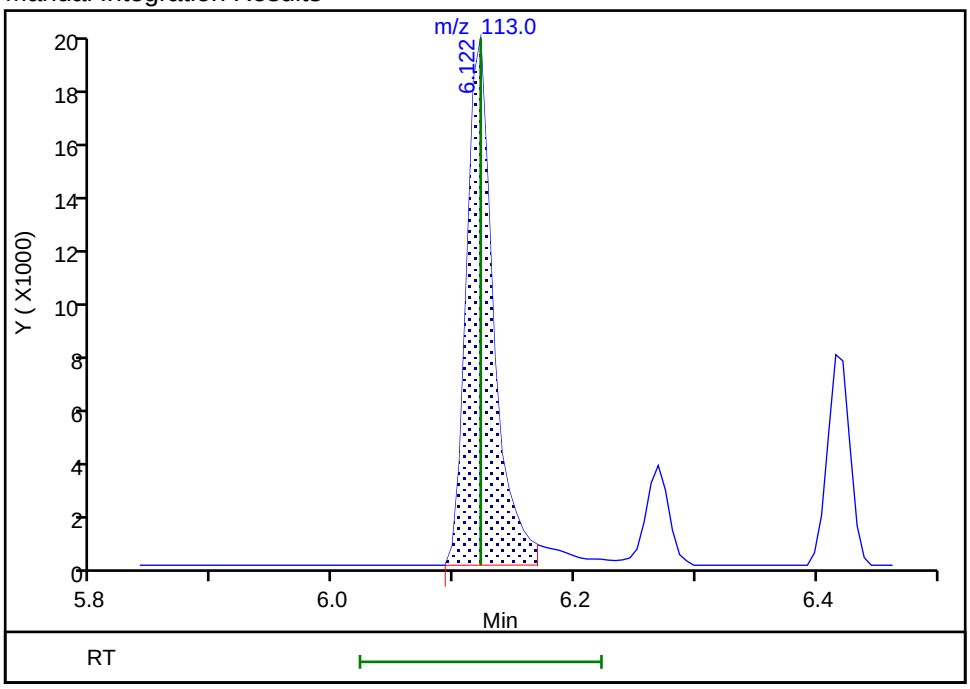
Processing Integration Results

RT: 6.12
Area: 31030
Amount: 3.343957
Amount Units: ug/ml



Manual Integration Results

RT: 6.12
Area: 29915
Amount: 3.227492
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 08:35:28

Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92370.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Jul-2020 16:26:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-006
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:40:07 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:04:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.004	2.052	-0.048	98	35379	2.00	2.08	
2 N-Nitrosodimethylamine	74	2.210	2.246	-0.036	84	50184	2.00	2.09	
3 Pyridine	79	2.252	2.287	-0.035	85	168683	4.00	4.18	
$ 4 2-Fluorophenol	112	3.316	3.328	-0.012	94	82967	2.00	2.00	
5 Benzaldehyde	77	4.128	4.128	0.000	93	72923	2.00	2.03	
$ 6 Phenol-d5	99	4.169	4.175	-0.006	98	97903	2.00	2.00	
7 Phenol	94	4.181	4.187	-0.006	98	107629	2.00	2.14	
8 Aniline	93	4.222	4.228	-0.006	99	134966	2.00	2.15	
9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	95	92539	2.00	2.18	
10 Benzonitrile	103	4.298	4.299	-0.001	99	162630	NC	NC	
11 2-Chlorophenol	128	4.340	4.340	0.000	95	92973	2.00	2.14	
12 n-Decane	43	4.387	4.387	0.000	93	113365	2.00	2.02	
13 1,3-Dichlorobenzene	146	4.493	4.493	0.000	96	109010	2.00	2.09	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	95	263613	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	96	110145	2.00	2.08	
16 Benzyl alcohol	108	4.657	4.657	0.000	93	54441	2.00	2.16	
17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	96	104286	2.00	2.11	
18 2-Methylphenol	108	4.757	4.763	-0.006	89	77205	2.00	2.17	
19 2,2'-oxybis[1-chloropropane]	45	4.793	4.793	0.000	94	142718	2.00	2.14	
20 N-Methylaniline	106	4.904	4.904	0.000	77	138055	2.00	2.13	
23 3 & 4 Methylphenol	108	4.904	4.904	0.000	98	87959	2.00	2.16	
24 4-Methylphenol	108	4.904	4.904	0.000	81	87959	2.00	2.16	
22 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	93	64194	2.00	2.19	
21 Acetophenone	105	4.910	4.916	-0.006	88	123707	2.00	2.18	
25 Hexachloroethane	117	5.028	5.022	0.006	91	40914	2.00	2.11	
$ 27 Nitrobenzene-d5	82	5.057	5.057	0.000	88	88788	2.00	1.97	
28 Nitrobenzene	123	5.075	5.075	0.000	95	44614	2.00	2.23	
29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	93	132651	2.00	2.03	
30 Isophorone	82	5.298	5.298	0.000	99	159697	2.00	2.18	
32 2-Nitrophenol	139	5.381	5.381	0.000	93	41923	2.00	2.04	
33 2,4-Dimethylphenol	122	5.416	5.416	0.000	91	76207	2.00	2.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.463	5.481	-0.018	86	12375	2.00	2.16	
34 Bis(2-chloroethoxy)methane	93	5.504	5.504	0.000	98	102548	2.00	2.11	
36 2,4-Dichlorophenol	162	5.604	5.604	0.000	95	76884	2.00	2.08	
37 1,2,4-Trichlorobenzene	180	5.692	5.693	-0.001	94	90537	2.00	2.09	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	99	954655	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	99	255844	2.00	2.09	
40 4-Chloroaniline	127	5.810	5.810	0.000	97	107402	2.00	2.15	
130 2,6-Dichlorophenol	162	5.822	5.822	0.000	98	74601	NC	NC	
41 Hexachlorobutadiene	225	5.892	5.893	-0.001	97	54011	2.00	2.09	
42 Caprolactam	113	6.110	6.122	-0.012	88	16395	2.00	2.27	
43 4-Chloro-3-methylphenol	107	6.269	6.269	0.000	96	67026	2.00	2.18	
44 2-Methylnaphthalene	142	6.422	6.422	0.000	84	175626	2.00	2.12	
45 1-Methylnaphthalene	142	6.510	6.516	-0.006	92	165467	2.00	2.14	
47 1,2,4,5-Tetrachlorobenzene	216	6.581	6.581	0.000	98	92002	2.00	2.00	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	97	64041	2.00	1.92	
48 2-tertbutyl-4-methylphenol	149	6.604	6.604	0.000	91	105345	2.00	2.06	
49 2,4,6-Trichlorophenol	196	6.687	6.687	0.000	91	54150	2.00	2.02	
50 2,4,5-Trichlorophenol	196	6.716	6.716	0.000	98	63708	2.00	2.16	
$ 51 2-Fluorobiphenyl	172	6.763	6.769	-0.006	97	185244	2.00	1.93	
52 1,1'-Biphenyl	154	6.857	6.857	0.000	97	208547	2.00	2.03	
53 2-Chloronaphthalene	162	6.881	6.881	0.000	99	164781	2.00	2.06	
54 Phenyl ether	170	6.957	6.957	0.000	89	108101	2.00	1.98	
55 2-Nitroaniline	65	6.969	6.969	0.000	99	47715	2.00	2.02	
57 1,3-Dimethylnaphthalene	156	7.087	7.087	-0.001	93	120492	2.00	1.99	
59 Dimethyl phthalate	163	7.145	7.145	0.000	99	168078	2.00	2.13	
60 Coumarin	146	7.163	7.163	0.000	78	50787	2.00	2.15	
61 2,6-Dinitrotoluene	165	7.192	7.198	-0.006	95	33913	2.00	2.04	
62 Acenaphthylene	152	7.269	7.269	0.000	97	235327	2.00	2.07	
63 3-Nitroaniline	138	7.351	7.357	-0.006	93	33702	2.00	2.05	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	96	478622	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.422	0.000	97	146086	2.00	1.96	
66 Acenaphthene	154	7.434	7.434	0.000	95	157392	2.00	2.06	
67 2,4-Dinitrophenol	184	7.451	7.451	0.000	90	20916	4.00	3.92	
68 4-Nitrophenol	65	7.504	7.510	-0.006	92	43068	4.00	3.98	
69 2,4-Dinitrotoluene	165	7.575	7.575	0.000	97	41112	2.00	2.11	
70 Dibenzofuran	168	7.598	7.598	0.000	96	220139	2.00	2.10	
72 2,3,4,6-Tetrachlorophenol	232	7.710	7.716	-0.006	95	42408	2.00	2.09	
73 Diethyl phthalate	149	7.810	7.810	0.000	98	161810	2.00	2.15	
74 4-Chlorophenyl phenyl ether	204	7.916	7.916	0.000	78	86410	2.00	2.11	
75 Fluorene	166	7.916	7.916	0.000	94	169762	2.00	2.10	
76 4-Nitroaniline	138	7.928	7.928	0.000	91	30763	2.00	2.03	
77 4,6-Dinitro-2-methylphenol	198	7.957	7.963	-0.006	90	30763	4.00	3.54	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	97	118550	2.00	2.02	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	96	158827	2.00	2.03	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	93	27636	2.00	2.00	
81 4-Bromophenyl phenyl ether	248	8.375	8.381	-0.006	94	52959	2.00	2.07	
82 Hexachlorobenzene	284	8.445	8.445	0.000	96	60301	2.00	2.07	
83 Atrazine	200	8.528	8.528	0.000	93	40429	2.00	2.07	
84 Pentachlorophenol	266	8.628	8.628	0.000	95	53822	4.00	3.83	
85 Pentachloronitrobenzene	237	8.639	8.645	-0.006	89	18736	2.00	1.89	
86 n-Octadecane	57	8.704	8.704	0.000	94	115866	2.00	1.98	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	758541	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.822	8.822	0.000	96	226573	2.00	2.05	
89 Anthracene	178	8.869	8.869	0.000	99	232119	2.00	2.04	
90 Carbazole	167	9.016	9.022	-0.006	96	182045	2.00	2.03	
91 Di-n-butyl phthalate	149	9.351	9.351	0.000	100	218154	2.00	2.02	
92 Fluoranthene	202	9.945	9.945	0.000	98	212706	2.00	2.06	
93 Benzidine	184	10.069	10.069	0.000	99	89342	2.00	2.04	
94 Pyrene	202	10.163	10.163	0.000	97	209146	2.00	2.18	
95 Bisphenol-A	213	10.204	10.204	0.000	98	59431	2.00	1.99	
$ 96 Terphenyl-d14	244	10.310	10.310	0.000	100	141412	2.00	2.04	
97 Butyl benzyl phthalate	149	10.816	10.816	0.000	98	58362	2.00	1.98	
99 Carbamazepine	193	10.927	10.928	-0.001	92	41537	2.00	1.73	
100 3,3'-Dichlorobenzidine	252	11.404	11.404	0.000	98	55774	2.00	2.07	
101 Benzo[a]anthracene	228	11.427	11.427	0.000	98	156696	2.00	2.06	
* 102 Chrysene-d12	240	11.439	11.439	0.000	99	436751	8.00	8.00	
104 Chrysene	228	11.469	11.475	-0.006	99	151860	2.00	2.10	
103 Bis(2-ethylhexyl) phthalate	149	11.480	11.480	0.000	89	80040	2.00	2.00	
105 Di-n-octyl phthalate	149	12.316	12.316	0.000	97	125653	2.00	2.00	
106 Benzo[b]fluoranthene	252	12.816	12.816	0.000	98	145372	2.00	2.15	
107 Benzo[k]fluoranthene	252	12.851	12.857	-0.006	99	144488	2.00	2.06	
108 Benzo[a]pyrene	252	13.268	13.274	-0.006	98	122587	2.00	2.10	
* 109 Perylene-d12	264	13.351	13.357	-0.006	99	445342	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.933	14.939	-0.006	97	150865	2.00	2.04	
111 Dibenz(a,h)anthracene	278	14.974	14.980	-0.006	96	152781	2.00	2.11	
112 Benzo[g,h,i]perylene	276	15.380	15.386	-0.006	98	155327	2.00	2.04	
S 119 Total Cresols	1				0			4.33	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL5_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2020 08:40:08 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92370.d

Injection Date: 30-Jul-2020 16:26:30 Instrument ID: CBNAMS14 Operator ID:

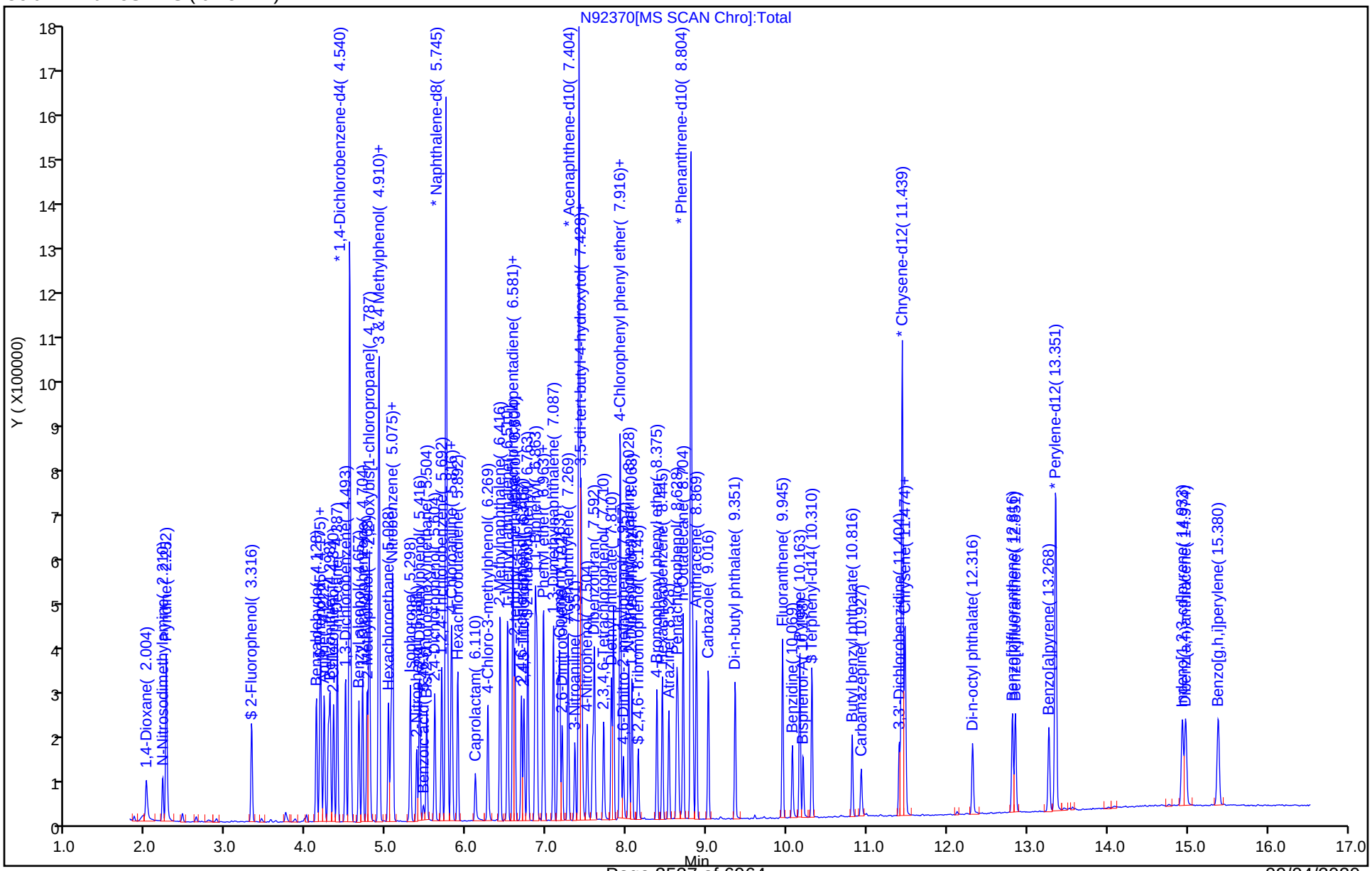
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92371.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Jul-2020 16:48:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-007
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:40:15 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:05:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.028	2.052	-0.024	98	22331	1.00	1.10	
2 N-Nitrosodimethylamine	74	2.228	2.246	-0.018	85	30631	1.00	1.07	
3 Pyridine	79	2.275	2.287	-0.012	85	101081	2.00	2.10	
$ 4 2-Fluorophenol	112	3.322	3.328	-0.006	95	49668	1.00	1.00	
5 Benzaldehyde	77	4.128	4.128	0.000	93	44425	1.00	1.04	
$ 6 Phenol-d5	99	4.169	4.175	-0.006	97	60768	1.00	1.04	
7 Phenol	94	4.181	4.187	-0.006	99	62568	1.00	1.04	
8 Aniline	93	4.228	4.228	0.000	100	78848	1.00	1.05	
9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	94	53189	1.00	1.05	
10 Benzonitrile	103	4.298	4.299	-0.001	98	98231	NC	NC	
11 2-Chlorophenol	128	4.340	4.340	0.000	95	53733	1.00	1.04	
12 n-Decane	43	4.387	4.387	0.000	93	66885	1.00	1.00	
13 1,3-Dichlorobenzene	146	4.492	4.493	-0.001	96	63091	1.00	1.01	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	96	314234	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	94	63904	1.00	1.01	
16 Benzyl alcohol	108	4.657	4.657	0.000	93	32638	1.00	1.09	
17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	96	60868	1.00	1.03	
18 2-Methylphenol	108	4.757	4.763	-0.006	90	45399	1.00	1.07	
19 2,2'-oxybis[1-chloropropane]	45	4.787	4.793	-0.006	94	85294	1.00	1.07	
20 N-Methylaniline	106	4.904	4.904	0.000	79	78841	1.00	1.02	
23 3 & 4 Methylphenol	108	4.904	4.904	0.000	98	52350	1.00	1.08	
24 4-Methylphenol	108	4.904	4.904	0.000	83	52350	1.00	1.08	
22 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	93	37288	1.00	1.07	
21 Acetophenone	105	4.910	4.916	-0.006	89	73817	1.00	1.09	
25 Hexachloroethane	117	5.028	5.022	0.006	91	24570	1.00	1.06	
$ 27 Nitrobenzene-d5	82	5.057	5.057	0.000	88	53734	1.00	1.01	
28 Nitrobenzene	123	5.075	5.075	0.000	94	25511	1.00	1.07	
29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	98	79434	1.00	1.02	
30 Isophorone	82	5.298	5.298	0.000	99	94108	1.00	1.08	
32 2-Nitrophenol	139	5.381	5.381	0.000	92	23289	1.00	0.9570	
33 2,4-Dimethylphenol	122	5.410	5.416	-0.006	91	43252	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.463	5.481	-0.018	85	2251	1.00	1.36	
34 Bis(2-chloroethoxy)methane	93	5.504	5.504	0.000	98	59279	1.00	1.03	
36 2,4-Dichlorophenol	162	5.604	5.604	0.000	96	44147	1.00	1.01	
37 1,2,4-Trichlorobenzene	180	5.692	5.693	-0.001	94	52023	1.00	1.01	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	100	1132324	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	99	150310	1.00	1.03	
40 4-Chloroaniline	127	5.810	5.810	0.000	96	61801	1.00	1.04	
130 2,6-Dichlorophenol	162	5.822	5.822	0.000	98	43822	NC	NC	
41 Hexachlorobutadiene	225	5.892	5.893	-0.001	96	30490	1.00	0.99	
42 Caprolactam	113	6.110	6.122	-0.012	89	9450	1.00	1.10	
43 4-Chloro-3-methylphenol	107	6.263	6.269	-0.006	94	37982	1.00	1.04	
44 2-Methylnaphthalene	142	6.416	6.422	-0.006	87	102817	1.00	1.05	
45 1-Methylnaphthalene	142	6.510	6.516	-0.006	93	97716	1.00	1.07	
47 1,2,4,5-Tetrachlorobenzene	216	6.581	6.581	0.000	98	53415	1.00	0.9689	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	97	36672	1.00	0.9197	
48 2-tertbutyl-4-methylphenol	149	6.604	6.604	0.000	92	63296	1.00	1.04	
49 2,4,6-Trichlorophenol	196	6.686	6.687	-0.001	92	31052	1.00	0.9663	
50 2,4,5-Trichlorophenol	196	6.716	6.716	0.000	97	34469	1.00	0.9741	
$ 51 2-Fluorobiphenyl	172	6.763	6.769	-0.006	97	111711	1.00	0.9736	
52 1,1'-Biphenyl	154	6.857	6.857	0.000	96	125290	1.00	1.02	
53 2-Chloronaphthalene	162	6.875	6.881	-0.006	98	96277	1.00	1.00	
54 Phenyl ether	170	6.957	6.957	0.000	89	64022	1.00	0.9804	
55 2-Nitroaniline	65	6.969	6.969	0.000	98	27533	1.00	0.9727	
57 1,3-Dimethylnaphthalene	156	7.086	7.087	-0.001	93	71928	1.00	0.99	
59 Dimethyl phthalate	163	7.139	7.145	-0.006	99	98927	1.00	1.04	
60 Coumarin	146	7.163	7.163	0.000	80	30925	1.00	1.10	
61 2,6-Dinitrotoluene	165	7.192	7.198	-0.006	95	19980	1.00	1.00	
62 Acenaphthylene	152	7.269	7.269	0.000	97	138417	1.00	1.01	
63 3-Nitroaniline	138	7.351	7.357	-0.006	95	19277	1.00	0.9781	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	96	573555	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.422	0.000	97	86265	1.00	0.9678	
66 Acenaphthene	154	7.433	7.434	-0.001	93	90031	1.00	0.9848	
67 2,4-Dinitrophenol	184	7.451	7.451	0.000	87	8935	2.00	2.05	
68 4-Nitrophenol	65	7.504	7.510	-0.006	92	23728	2.00	1.83	
69 2,4-Dinitrotoluene	165	7.575	7.575	0.000	97	24126	1.00	1.04	
70 Dibenzofuran	168	7.598	7.598	0.000	96	130172	1.00	1.04	
72 2,3,4,6-Tetrachlorophenol	232	7.710	7.716	-0.006	95	23591	1.00	0.9717	
73 Diethyl phthalate	149	7.810	7.810	0.000	99	93165	1.00	1.03	
74 4-Chlorophenyl phenyl ether	204	7.916	7.916	0.000	78	52062	1.00	1.06	
75 Fluorene	166	7.916	7.916	0.000	93	100620	1.00	1.04	
76 4-Nitroaniline	138	7.922	7.928	-0.006	89	18088	1.00	0.99	
77 4,6-Dinitro-2-methylphenol	198	7.957	7.963	-0.006	90	15462	2.00	1.48	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	97	71027	1.00	1.01	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	96	92382	1.00	0.9869	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	93	16315	1.00	0.9837	
81 4-Bromophenyl phenyl ether	248	8.375	8.381	-0.006	93	30190	1.00	0.9836	
82 Hexachlorobenzene	284	8.445	8.445	0.000	95	34731	1.00	1.00	
83 Atrazine	200	8.528	8.528	0.000	93	23673	1.00	1.01	
84 Pentachlorophenol	266	8.628	8.628	0.000	94	28546	2.00	1.69	
85 Pentachloronitrobenzene	237	8.639	8.645	-0.006	89	10681	1.00	0.9002	
86 n-Octadecane	57	8.704	8.704	0.000	94	65615	1.00	0.9375	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	909117	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.822	8.822	0.000	97	135614	1.00	1.02	
89 Anthracene	178	8.869	8.869	0.000	99	137587	1.00	1.01	
90 Carbazole	167	9.016	9.022	-0.006	96	109559	1.00	1.02	
91 Di-n-butyl phthalate	149	9.351	9.351	0.000	100	125059	1.00	0.9684	
92 Fluoranthene	202	9.945	9.945	0.000	98	124979	1.00	1.01	
93 Benzidine	184	10.069	10.069	0.000	99	48727	1.00	0.9281	
94 Pyrene	202	10.157	10.163	-0.006	97	122398	1.00	1.06	
95 Bisphenol-A	213	10.198	10.204	-0.006	98	33812	1.00	0.9450	
$ 96 Terphenyl-d14	244	10.310	10.310	0.000	100	84883	1.00	1.02	
97 Butyl benzyl phthalate	149	10.816	10.816	0.000	97	32191	1.00	0.9129	
99 Carbamazepine	193	10.927	10.928	-0.001	93	25102	1.00	0.8735	
100 3,3'-Dichlorobenzidine	252	11.398	11.404	-0.006	97	30675	1.00	0.9515	
101 Benzo[a]anthracene	228	11.427	11.427	0.000	98	93927	1.00	1.03	
* 102 Chrysene-d12	240	11.439	11.439	0.000	99	523368	8.00	8.00	
104 Chrysene	228	11.469	11.475	-0.007	98	87432	1.00	1.01	
103 Bis(2-ethylhexyl) phthalate	149	11.480	11.480	0.000	90	44065	1.00	0.9187	
105 Di-n-octyl phthalate	149	12.316	12.316	0.000	97	68975	1.00	0.9225	
106 Benzo[b]fluoranthene	252	12.815	12.816	-0.001	98	82341	1.00	1.02	
107 Benzo[k]fluoranthene	252	12.851	12.857	-0.006	99	85825	1.00	1.03	
108 Benzo[a]pyrene	252	13.268	13.274	-0.006	98	69617	1.00	1.00	
* 109 Perylene-d12	264	13.357	13.357	0.000	100	530926	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.933	14.939	-0.006	99	83646	1.00	0.9502	
111 Dibenz(a,h)anthracene	278	14.974	14.980	-0.006	96	86988	1.00	1.01	
112 Benzo[g,h,i]perylene	276	15.380	15.386	-0.006	97	89304	1.00	0.9846	
S 119 Total Cresols	1				0			2.15	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL4_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2020 08:40:18 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92371.d

Injection Date: 30-Jul-2020 16:48:30 Instrument ID: CBNAMS14 Operator ID:

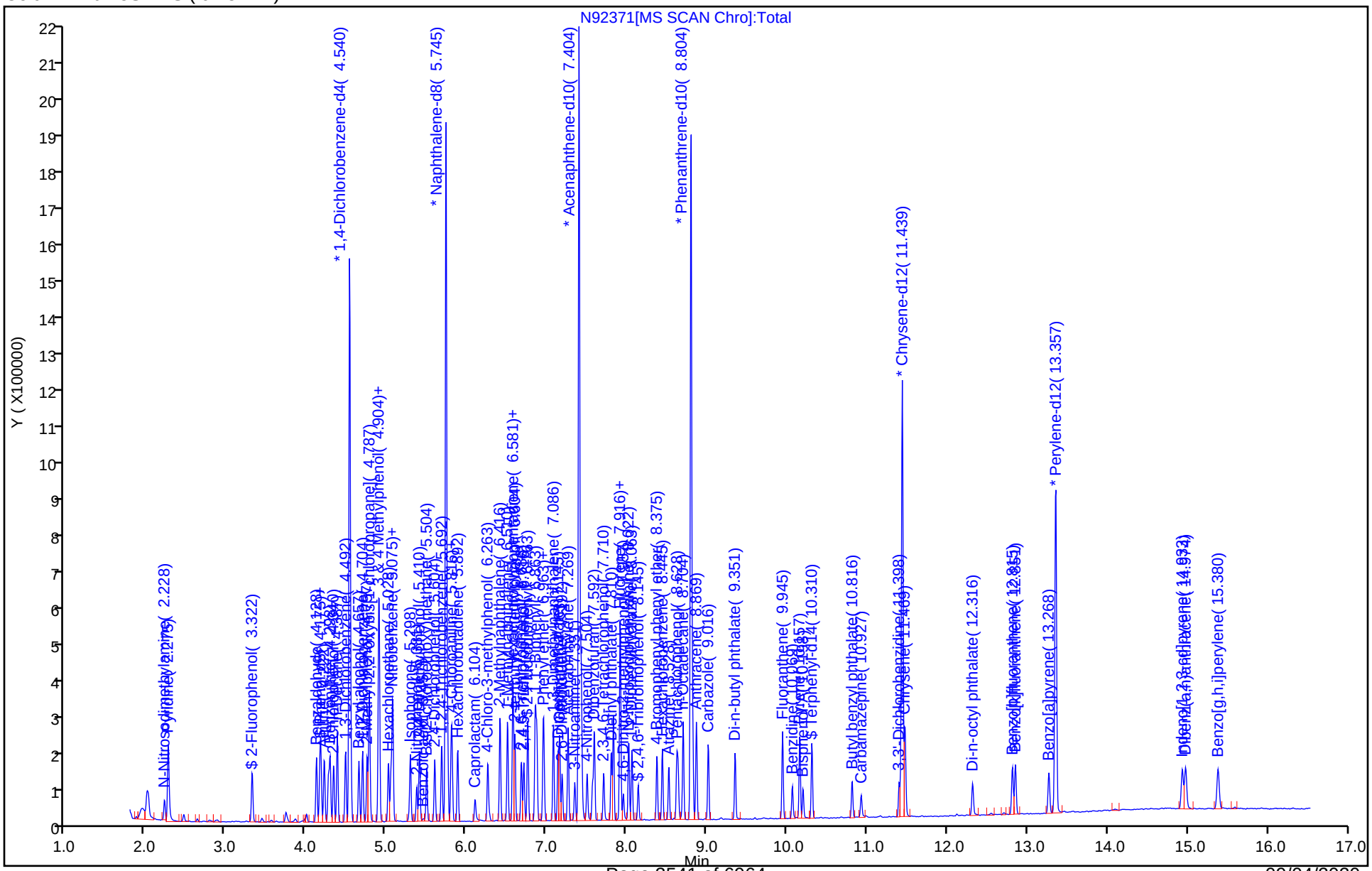
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92372.d
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Jul-2020 17:09:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-008
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:40:23 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:05:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.128	4.128	0.000	93	19588	0.4000	0.4180	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	96	344107	8.00	8.00	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	100	1277816	8.00	8.00	
42 Caprolactam	113	6.104	6.122	-0.018	90	3472	0.4000	0.3591	M
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	96	643250	8.00	8.00	
83 Atrazine	200	8.528	8.528	0.000	93	9771	0.4000	0.3725	
* 87 Phenanthrene-d10	188	8.798	8.804	-0.006	98	1017734	8.00	8.00	
* 102 Chrysene-d12	240	11.439	11.439	0.000	99	536299	8.00	8.00	
103 Bis(2-ethylhexyl) phthalate	149	11.480	11.480	0.000	88	16391	0.4000	0.3335	
* 109 Perylene-d12	264	13.351	13.357	-0.006	99	514184	8.00	8.00	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SV_BNAL3_LVI_00002 Amount Added: 1.00 Units: mL

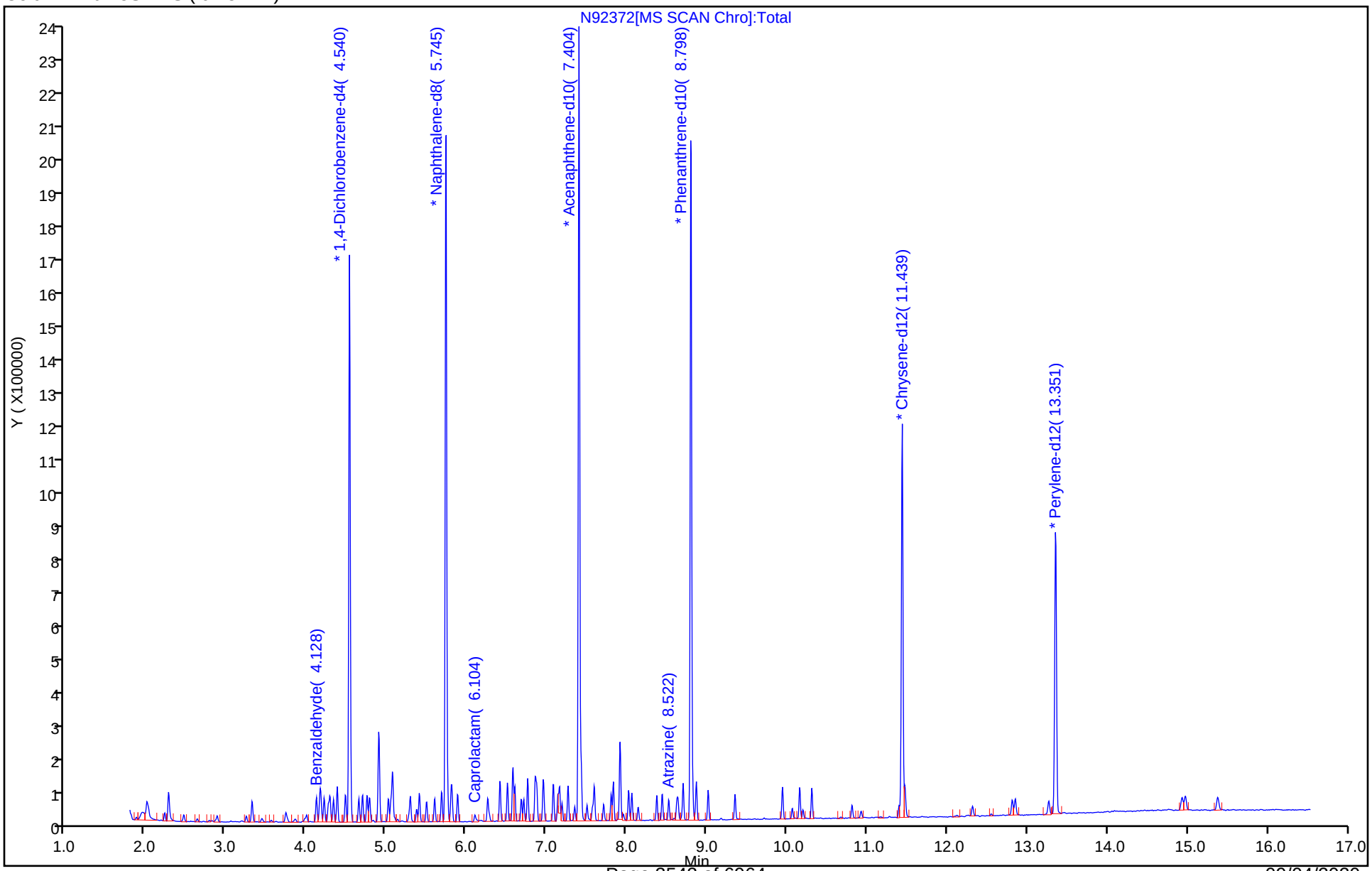
Report Date: 31-Jul-2020 08:40:24 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92372.d

Injection Date:	30-Jul-2020 17:09:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

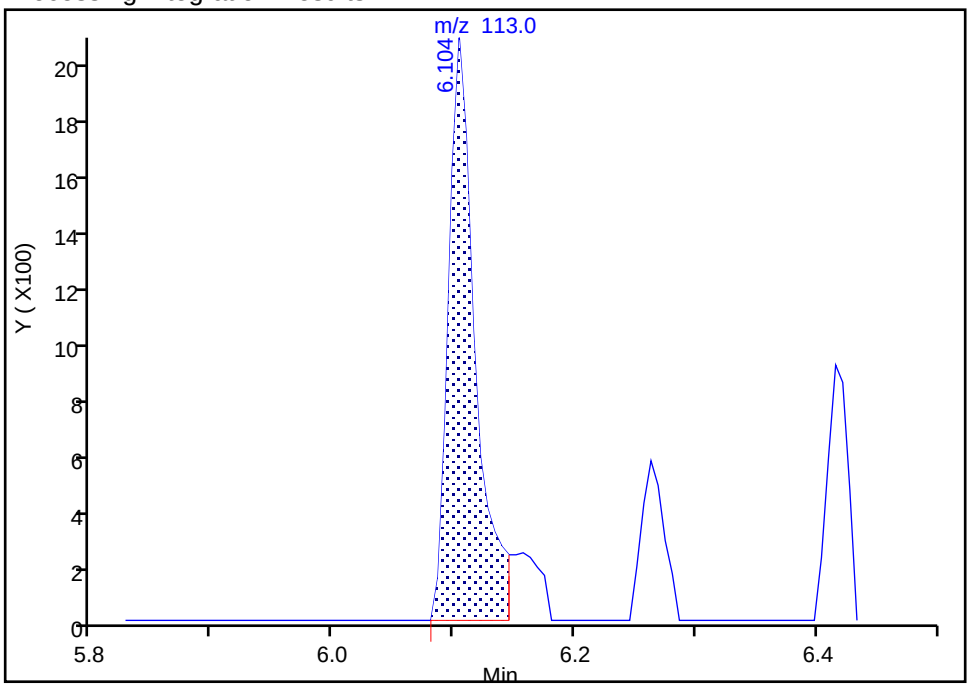
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92372.d
Injection Date: 30-Jul-2020 17:09:30 Instrument ID: CBNAMS14
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

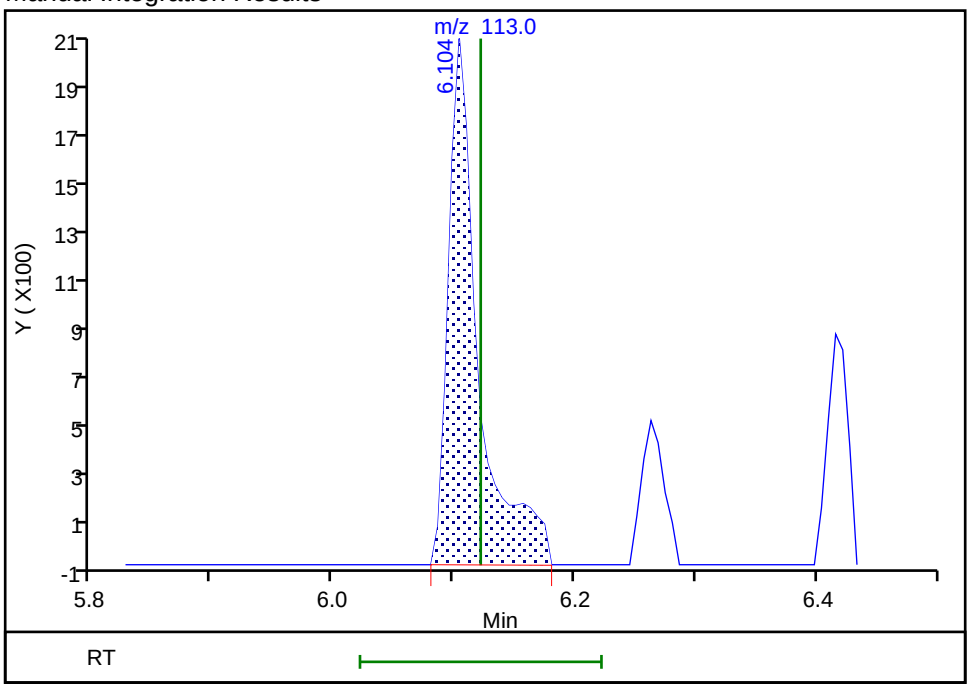
Processing Integration Results

RT: 6.10
Area: 3108
Amount: 0.325095
Amount Units: ug/ml



Manual Integration Results

RT: 6.10
Area: 3472
Amount: 0.359150
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 06:05:47
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92373.d
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Jul-2020 17:30:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-009
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:40:25 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:06:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.322	3.328	-0.006	93	10678	0.2000	0.2032	
5 Benzaldehyde	77	4.128	4.128	0.000	91	8662	0.2000	0.1905	
$ 6 Phenol-d5	99	4.169	4.175	-0.006	96	13394	0.2000	0.2157	Ma
9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	94	11271	0.2000	0.2096	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	96	333896	8.00	8.00	
20 N-Methylaniline	106	4.904	4.904	0.000	81	16657	0.2000	0.2024	
22 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	76	6872	0.2000	0.1853	
25 Hexachloroethane	117	5.022	5.022	0.000	92	4833	0.2000	0.1966	
$ 27 Nitrobenzene-d5	82	5.057	5.057	0.000	91	11621	0.2000	0.2010	
28 Nitrobenzene	123	5.075	5.075	0.000	92	4960	0.2000	0.1954	
29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	93	16691	0.2000	0.2019	
30 Isophorone	82	5.299	5.298	0.001	99	19022	0.2000	0.2023	
37 1,2,4-Trichlorobenzene	180	5.687	5.693	-0.006	95	10488	0.2000	0.1882	
* 38 Naphthalene-d8	136	5.746	5.745	0.001	100	1225779	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	98	30657	0.2000	0.1947	
41 Hexachlorobutadiene	225	5.893	5.893	0.000	95	6382	0.2000	0.1922	
42 Caprolactam	113	6.110	6.122	-0.012	87	1481	0.2000	0.1597	
44 2-Methylnaphthalene	142	6.416	6.422	-0.006	84	21034	0.2000	0.1982	
45 1-Methylnaphthalene	142	6.510	6.516	-0.006	93	19509	0.2000	0.1968	
48 2-tertbutyl-4-methylphenol	149	6.604	6.604	0.000	91	13329	0.2000	0.2027	
49 2,4,6-Trichlorophenol	196	6.681	6.687	-0.006	90	5986	0.2000	0.1718	
$ 51 2-Fluorobiphenyl	172	6.763	6.769	-0.006	97	24279	0.2000	0.1952	
61 2,6-Dinitrotoluene	165	7.193	7.198	-0.005	92	3745	0.2000	0.1736	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	96	621821	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.575	7.575	0.000	94	3854	0.2000	0.1525	a
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	91	3235	0.2000	0.1799	
82 Hexachlorobenzene	284	8.445	8.445	0.000	96	7202	0.2000	0.1927	
83 Atrazine	200	8.522	8.528	-0.006	93	4382	0.2000	0.1745	
* 87 Phenanthrene-d10	188	8.798	8.804	-0.006	98	974038	8.00	8.00	
$ 96 Terphenyl-d14	244	10.310	10.310	0.000	99	18196	0.2000	0.2128	
100 3,3'-Dichlorobenzidine	252	11.398	11.404	-0.006	97	5687	0.2000	0.1712	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
101 Benzo[a]anthracene	228	11.428	11.427	0.001	97	18918	0.2000	0.2016	
* 102 Chrysene-d12	240	11.439	11.439	0.000	99	539420	8.00	8.00	
104 Chrysene	228	11.469	11.475	-0.006	98	18131	0.2000	0.2033	
103 Bis(2-ethylhexyl) phthalate	149	11.475	11.480	-0.005	88	9454	0.2000	0.1912	
106 Benzo[b]fluoranthene	252	12.810	12.816	-0.006	98	15540	0.2000	0.1857	
107 Benzo[k]fluoranthene	252	12.851	12.857	-0.006	98	17545	0.2000	0.2025	
108 Benzo[a]pyrene	252	13.269	13.274	-0.005	98	14492	0.2000	0.2002	
* 109 Perylene-d12	264	13.351	13.357	-0.006	99	551223	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.933	14.939	-0.006	96	17467	0.2000	0.1911	
111 Dibenz(a,h)anthracene	278	14.969	14.980	-0.012	95	16681	0.2000	0.1864	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2020 08:40:27 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92373.d

Injection Date: 30-Jul-2020 17:30:30 Instrument ID: CBNAMS14 Operator ID:

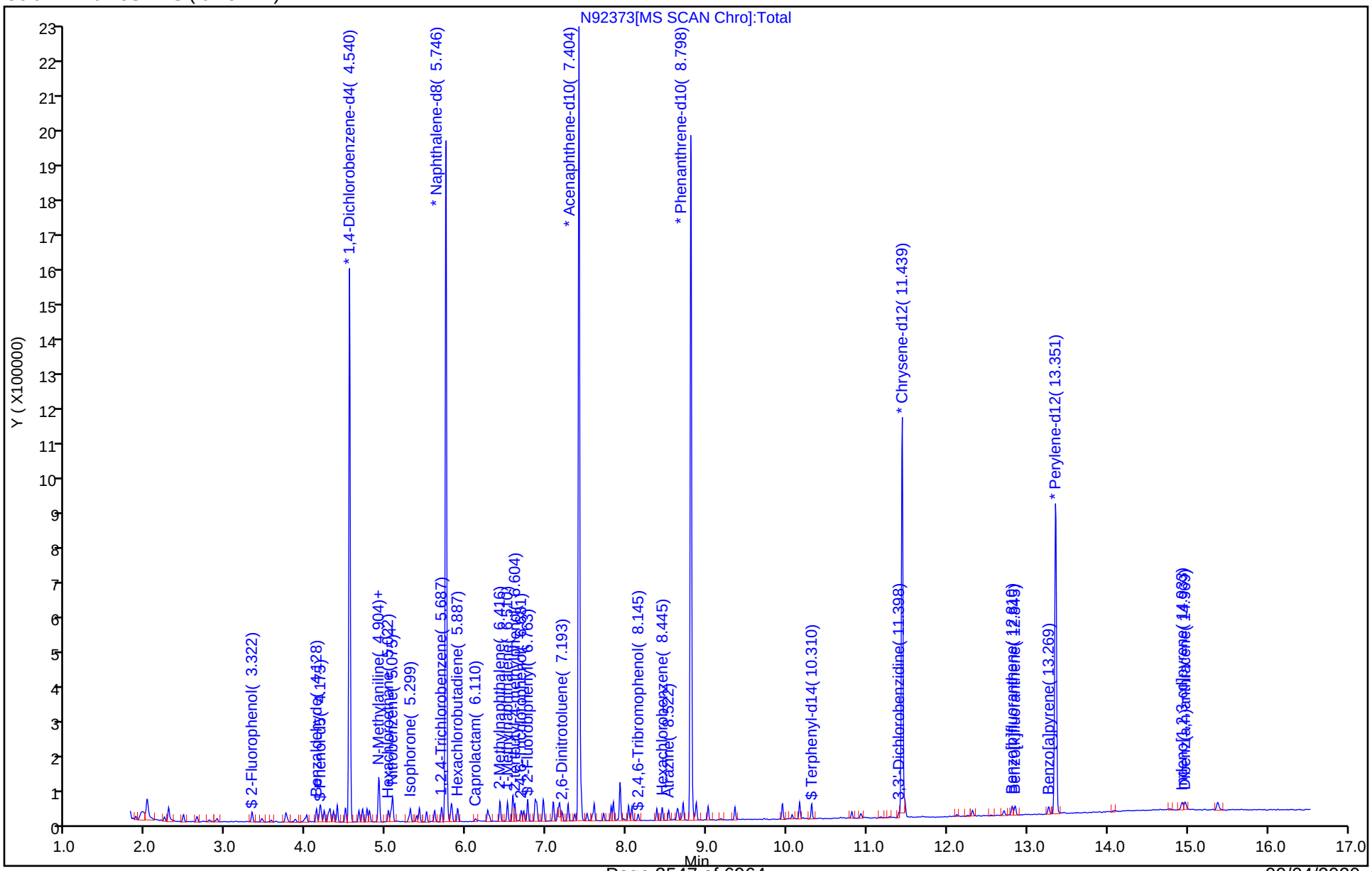
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

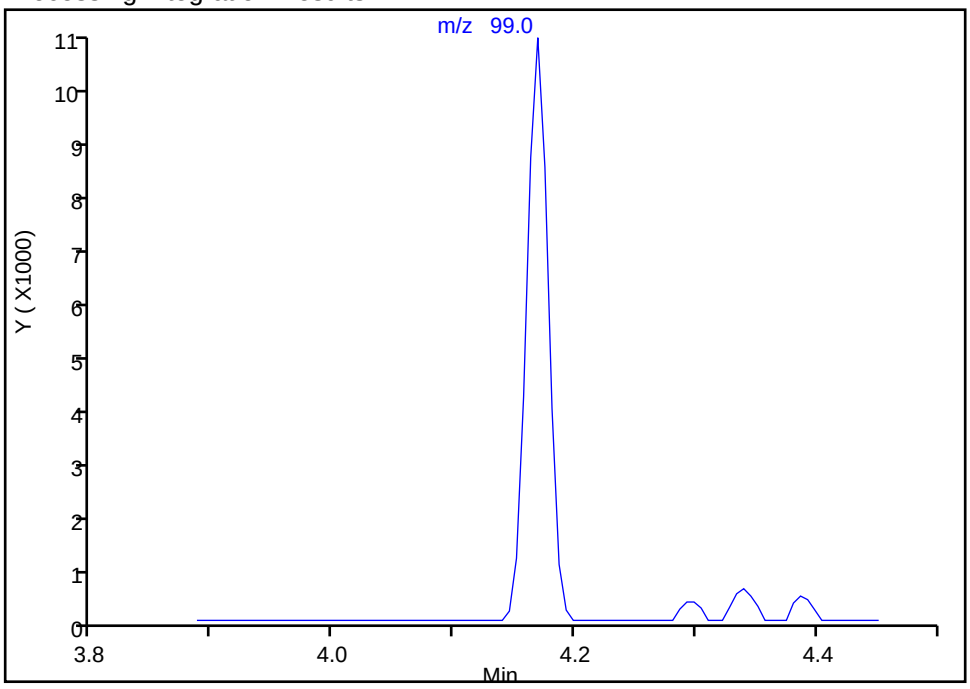
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92373.d
Injection Date: 30-Jul-2020 17:30:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

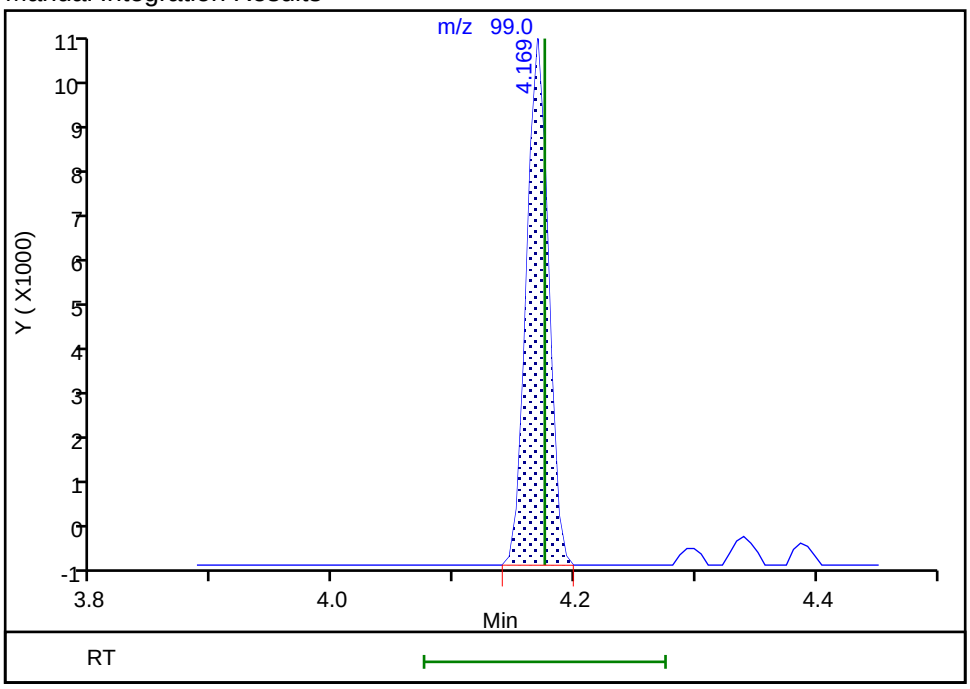
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 13394
Amount: 0.215741
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 06:06:14
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

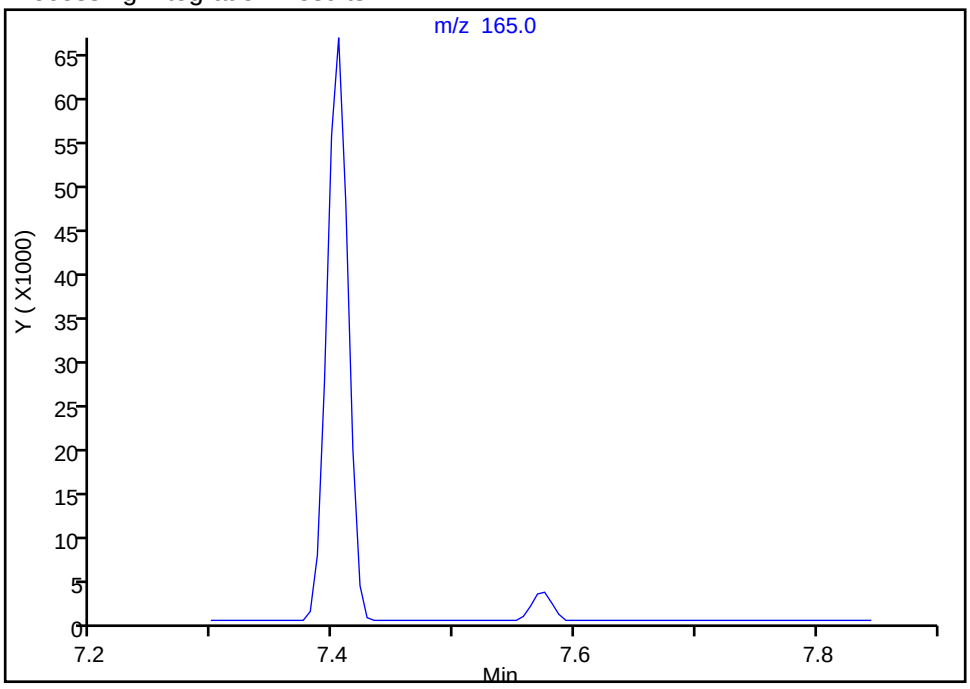
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92373.d				
Injection Date:	30-Jul-2020 17:30:30	Instrument ID:	CBNAMS14		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

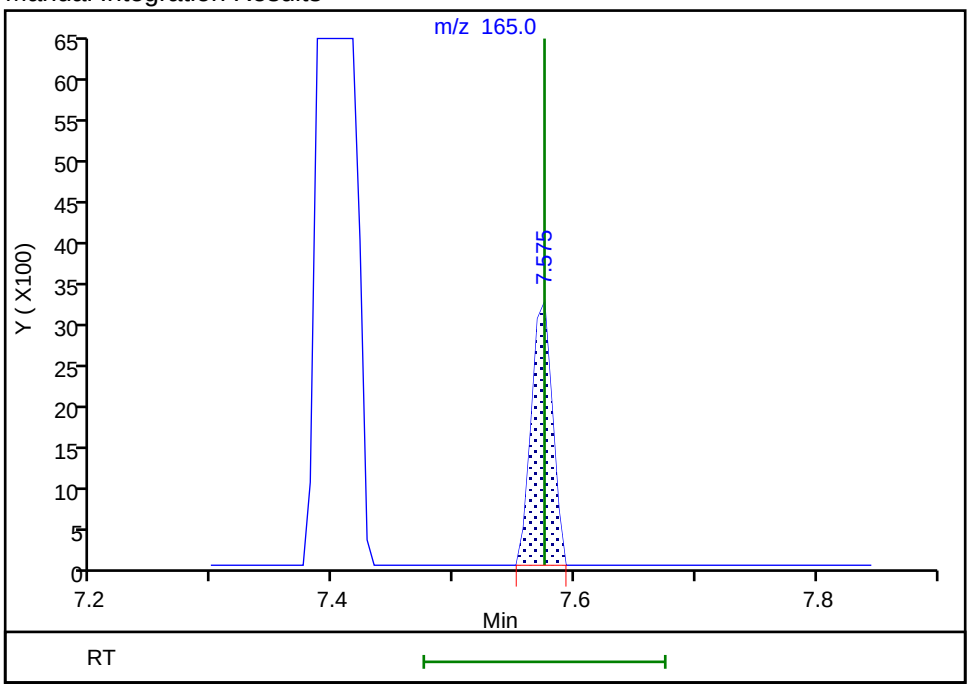
Not Detected
Expected RT: 7.57

Processing Integration Results



Manual Integration Results

RT: 7.57
Area: 3854
Amount: 0.152531
Amount Units: ug/ml



Reviewer: johnstonm1, 31-Jul-2020 06:06:18
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Jul-2020 17:51:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-010
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:40:29 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:06:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	97	5240	0.1000	0.1005	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	96	323862	8.00	8.00	
20 N-Methylaniline	106	4.904	4.904	0.000	80	8138	0.1000	0.1020	
22 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	81	4468	0.1000	0.1242	
25 Hexachloroethane	117	5.022	5.022	0.000	89	2172	0.1000	0.0911	
$ 27 Nitrobenzene-d5	82	5.057	5.057	0.000	92	5690	0.1000	0.1011	
28 Nitrobenzene	123	5.075	5.075	0.000	88	2391	0.1000	0.0971	
29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	92	9044	0.1000	0.1128	
37 1,2,4-Trichlorobenzene	180	5.687	5.693	-0.006	95	5243	0.1000	0.0967	
* 38 Naphthalene-d8	136	5.740	5.745	-0.005	100	1192956	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	98	14742	0.1000	0.0962	
41 Hexachlorobutadiene	225	5.893	5.893	0.000	94	2908	0.1000	0.0900	
$ 51 2-Fluorobiphenyl	172	6.763	6.769	-0.006	97	12381	0.1000	0.1031	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	96	600267	8.00	8.00	
82 Hexachlorobenzene	284	8.445	8.445	0.000	95	3398	0.1000	0.0921	
* 87 Phenanthrene-d10	188	8.798	8.804	-0.006	98	962074	8.00	8.00	
$ 96 Terphenyl-d14	244	10.310	10.310	0.000	99	8720	0.1000	0.1078	
101 Benzo[a]anthracene	228	11.428	11.427	0.001	96	9211	0.1000	0.1037	
* 102 Chrysene-d12	240	11.439	11.439	0.000	99	510436	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.810	12.816	-0.006	97	7573	0.1000	0.0969	
107 Benzo[k]fluoranthene	252	12.851	12.857	-0.006	97	7600	0.1000	0.0939	
108 Benzo[a]pyrene	252	13.269	13.274	-0.005	97	6158	0.1000	0.0911	
* 109 Perylene-d12	264	13.351	13.357	-0.006	99	514700	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.939	-0.012	97	8570	0.1000	0.1004	
111 Dibenz(a,h)anthracene	278	14.969	14.980	-0.012	96	7963	0.1000	0.0953	

Reagents:

SV_BNAL1_LVI_00001 Amount Added: 1.00 Units: mL

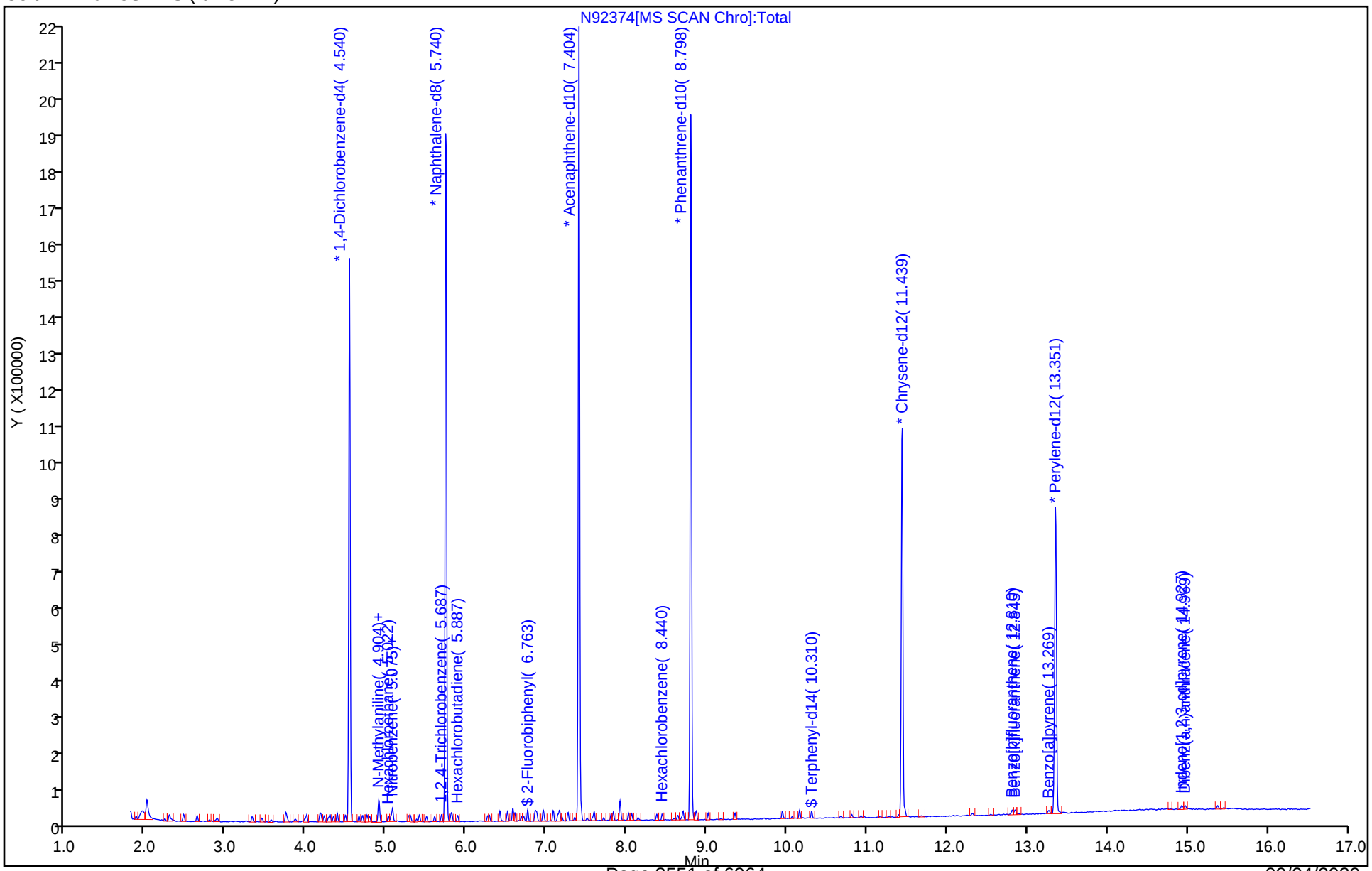
Report Date: 31-Jul-2020 08:40:30 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Injection Date:	30-Jul-2020 17:51:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-718482/10	f4515697.D
Level 2	STD1 460-718482/9	f4515696.D
Level 3	STD2 460-718482/8	f4515695.D
Level 4	STD5 460-718482/7	f4515694.D
Level 5	STD10 460-718482/6	f4515693.D
Level 6	STD20 460-718482/5	f4515692.D
Level 7	ICIS 460-718482/2	f4515644b.D
Level 8	STD80 460-718482/4	f4515691.D
Level 9	STD120 460-718482/3	f4515690.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5499 0.7035	0.6441 0.6841	0.5302 0.6707	0.7893 0.6604	0.7363	Ave		0.6632				12.4		20.0			
N-Nitrosodimethylamine	0.9960	1.0166	0.9676	1.0373 0.9737	1.0764	Ave		1.0113				4.1		20.0			
Pyridine	1.8072	1.7896	1.7155	1.8342 1.7002	1.8854	Ave		1.7887				3.9		20.0			
Benzaldehyde	1.3079	1.5226 +++++	1.5802 +++++	1.6095 +++++	1.4856	Ave		1.5012			0.0100	7.9		20.0			
Phenol	2.1013	2.0882	2.0026	2.1709 1.9741	2.1482	Ave		2.0809			0.8000	3.8		20.0			
Aniline	2.5263	2.5790	2.4855	2.6291 2.4603	2.6454	Ave		2.5543				3.0		20.0			
Bis(2-chloroethyl)ether	1.6161 1.7131	1.6857 1.6741	1.8171 1.6227	1.7709 1.5895	1.8202	Ave		1.7010			0.7000	5.1		20.0			
2-Chlorophenol	1.4916	1.4948	1.4354	1.5618 1.3881	1.5329	Ave		1.4841			0.8000	4.3		20.0			
n-Decane	2.8424	2.7586	2.6732	2.8243 2.5977	2.9113	Ave		2.7679				4.2		20.0			
1,3-Dichlorobenzene	1.5702	1.5844	1.5173	1.6316 1.4646	1.6671	Ave		1.5725				4.7		20.0			
1,4-Dichlorobenzene	1.6169	1.6040	1.5443	1.6748 1.4925	1.6605	Ave		1.5988				4.4		20.0			
Benzyl alcohol	1.0634	1.0669	1.0231	1.0589 1.0032	1.1097	Ave		1.0542				3.5		20.0			
1,2-Dichlorobenzene	1.5274	1.5164	1.4426	1.6102 1.3973	1.6308	Ave		1.5208				6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.4301	1.4383	1.3525	1.5051 1.3364	1.4636	Ave		1.4210			0.7000	4.6		20.0			
2,2'-oxybis[1-chloropropane]	3.5752	3.5429	3.4205	3.7255 3.3372	3.7568	Ave		3.5597			0.0100	4.6		20.0			
N-Methylaniline	2.6079	2.5814	2.4953	2.5066 2.5081	2.5996	Ave		2.5498				2.0		20.0			
3 & 4 Methylphenol	1.6734	1.6506	1.5595	1.6961 1.5160	1.7230	Ave		1.6365				5.0		20.0			
4-Methylphenol	1.6734	1.6506	1.5595	1.6961 1.5160	1.7230	Ave		1.6365			0.6000	5.0		20.0			
Acetophenone	2.3884	2.3246	2.2113	2.5907 2.1591	2.5201	Ave		2.3657			0.0100	7.2		20.0			
N-Nitrosodi-n-propylamine	1.1492 1.2120	1.1891 1.2322	1.1577 1.1445	1.2198 1.1516	1.2688	Ave		1.1916			0.5000	3.7		20.0			
Hexachloroethane	0.6487 0.7041	0.6384 0.6926	0.6917 0.6533	0.7595 0.6392	0.7174	Ave		0.6828			0.3000	6.0		20.0			
Nitrobenzene	0.5194 0.7191	0.7906 0.7179	0.6936 0.6797	0.7350 0.6639	0.7407	Ave		0.6956			0.2000	10.9		20.0			
n,n'-Dimethylaniline	2.4057 2.3107	2.3018 2.2925	2.3094 2.2093	2.3155 2.1627	2.3353	Ave		2.2937				3.1		20.0			
Isophorone	0.8711	0.8602	0.8182 0.8282	0.8903 0.8221	0.9089	Ave		0.8570			0.4000	4.1		20.0			
2-Nitrophenol	0.1603	0.1681	0.1700	0.1650 0.1673	0.1626	Ave		0.1656			0.1000	2.2		20.0			
2,4-Dimethylphenol	0.3383	0.3318	0.3195	0.3469 0.3157	0.3514	Ave		0.3339			0.2000	4.3		20.0			
Bis(2-chloroethoxy)methane	0.5247	0.5242	0.5168	0.5452 0.5064	0.5503	Ave		0.5279			0.3000	3.2		20.0			
Benzoic acid	0.1814	0.1988	0.2154	0.1161 0.2155	0.1798	Lin2	-0.483	0.2160			0.0100	4.4			0.9970		0.9900
2,4-Dichlorophenol	0.2856	0.2865	0.2645 0.2778	0.2864 0.2762	0.2953	Ave		0.2818			0.2000	3.5		20.0			
1,2,4-Trichlorobenzene	0.3075 0.3120	0.3007 0.3123	0.3230 0.2992	0.3325 0.2904	0.3385	Ave		0.3129				5.1		20.0			
Naphthalene	1.0724	1.0571	1.0254	1.1393 1.0017	1.1192	Ave		1.0692			0.7000	5.0		20.0			
4-Chloroaniline	0.4642	0.4527	0.4276	0.4774 0.4231	0.4772	Ave		0.4537			0.0100	5.3		20.0			
Hexachlorobutadiene	0.1634	0.1578 0.1701	0.1618 0.1608	0.1714 0.1549	0.1759	Ave		0.1645			0.0100	4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.1119	0.0933 0.1110	0.0994 +++++	0.1067 +++++	0.1036	Ave		0.1043			0.0100	6.8		20.0			
4-Chloro-3-methylphenol	0.3529	0.3597	0.3456	0.3320 0.3419	0.3625	Ave		0.3491			0.2000	3.3		20.0			
2-Methylnaphthalene	0.7008	0.7162	0.6795	0.7514 0.6610	0.7305	Ave		0.7066			0.4000	4.7		20.0			
1-Methylnaphthalene	0.6664	0.6689	0.6443	0.6881 0.6209	0.6972	Ave		0.6643				4.2		20.0			
Hexachlorocyclopentadiene	0.3555	0.3749	0.3791	0.3639 0.3679	0.3553	Ave		0.3661			0.0500	2.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.5614	0.5834	0.5624	0.6430 0.5340	0.6095	Ave		0.5823			0.0100	6.7		20.0			
2-tertbutyl-4-methylphenol	0.4230	0.4341	0.4219	0.4265 0.4282	0.4295	Ave		0.4272				1.1		20.0			
2,4,6-Trichlorophenol	0.3816	0.4120	0.3785 0.3886	0.4267 0.3770	0.4168	Ave		0.3973			0.2000	5.2		20.0			
2,4,5-Trichlorophenol	0.4390	0.4376	0.4283	0.4317 0.4193	0.4476	Ave		0.4339			0.2000	2.3		20.0			
1,1'-Biphenyl	1.6593	1.6505	1.5891	1.7157 1.4847	1.7205	Ave		1.6366			0.0100	5.4		20.0			
2-Chloronaphthalene	1.2461	1.2832	1.2198	1.3620 1.1411	1.3622	Ave		1.2691			0.8000	6.8		20.0			
Phenyl ether	0.8460	0.8770	0.8476	0.8743 0.8082	0.8401	Ave		0.8489				3.0		20.0			
2-Nitroaniline	0.5988	0.6191	0.6270	0.5903 0.6062	0.6193	Ave		0.6101			0.0100	2.3		20.0			
1,3-Dimethylnaphthalene	0.9923	1.0148	0.9749	0.9778 0.9467	1.0015	Ave		0.9847				2.4		20.0			
Dimethyl phthalate	1.4797	1.4558	1.4026	1.5871 1.3220	1.6146	Ave		1.4770			0.0100	7.5		20.0			
Coumarin	0.2608	0.2562	0.2489	0.2606 0.2493	0.2564	Ave		0.2554				2.0		20.0			
2,6-Dinitrotoluene	0.3072	0.2168 0.3150	0.2253 0.3139	0.3018 0.3041	0.3010	Ave		0.2856			0.2000	14.1		20.0			
Acenaphthylene	1.9971	2.0362	1.9505	2.0877 1.8538	2.1000	Ave		2.0042			0.9000	4.6		20.0			
3-Nitroaniline	0.3548	0.3601	0.3659	0.3452 0.3504	0.3638	Ave		0.3567			0.0100	2.3		20.0			
Acenaphthene	1.1810	1.2091	1.1605	1.2540 1.0930	1.2699	Ave		1.1946			0.9000	5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,5-di-tert-butyl-4-hydroxytol	1.0002	1.0264	1.0029	1.0609 0.9746	1.0124	Ave		1.0129				2.9		20.0			
2,4-Dinitrophenol	0.1244	0.1385	0.0721 0.1492	0.0956 0.1505	0.1113	Lin2	-0.302	0.1395			0.0100	8.9			0.9910		0.9900
4-Nitrophenol	0.3838	0.3965	0.3984	0.3808 0.3876	0.3739	Ave		0.3868			0.0100	2.4		20.0			
2,4-Dinitrotoluene	0.3888	0.2227 0.4033	0.3197 0.4076	0.3657 0.3945	0.3945	Lin2	-0.179	0.4045			0.2000	1.6			1.0000		0.9900
Dibenzofuran	1.7376	1.8066	1.6974	1.8247 1.6006	1.8741	Ave		1.7569			0.8000	5.6		20.0			
2,3,4,6-Tetrachlorophenol	0.3246	0.3336	0.3265	0.3195 0.3174	0.3146	Ave		0.3227			0.0100	2.2		20.0			
Diethyl phthalate	1.5606	1.5831	1.5322	1.6648 1.4892	1.6742	Ave		1.5840			0.0100	4.6		20.0			
Fluorene	1.4537	1.4599	1.3850	1.5124 1.3245	1.5473	Ave		1.4471			0.9000	5.6		20.0			
4-Chlorophenyl phenyl ether	0.6317	0.6442	0.6141	0.6741 0.5681	0.6880	Ave		0.6367			0.4000	6.8		20.0			
4-Nitroaniline	0.3713	0.3608	0.3635	0.3826 0.3524	0.3793	Ave		0.3683			0.0100	3.1		20.0			
4,6-Dinitro-2-methylphenol	0.0897	0.0986	0.0586 0.1071	0.0685 0.1059	0.0824	Lin2	-0.188	0.0992			0.0100	9.0			0.9910		0.9900
N-Nitrosodiphenylamine	0.6071	0.6018	0.5748	0.6112 0.5598	0.6136	Ave		0.5947			0.0100	3.7		20.0			
1,2-Diphenylhydrazine	1.1164	1.1334	1.0893	1.1944 1.0736	1.1762	Ave		1.1306				4.2		20.0			
4-Bromophenyl phenyl ether	0.2188	0.2193	0.2130	0.2159 0.2057	0.2215	Ave		0.2157			0.1000	2.6		20.0			
Hexachlorobenzene	0.2560 0.2531	0.2789 0.2659	0.2893 0.2597	0.2833 0.2500	0.2649	Ave		0.2668			0.1000	5.2		20.0			
Atrazine	0.2220	0.2085 0.2209	0.1936 0.2185	0.2299 0.2198	0.2177	Ave		0.2164			0.0100	5.0		20.0			
Pentachlorophenol	0.1428	0.1545	0.1186 0.1501	0.1420 0.1499	0.1511	Ave		0.1441			0.0500	8.4		20.0			
Pentachloronitrobenzene	0.0961	0.0992	0.0986	0.0946 0.1009	0.0936	Ave		0.0972			0.0100	2.9		20.0			
n-Octadecane	0.9950	1.0321	0.9875	1.0112 0.9551	1.0254	Ave		1.0011				2.8		20.0			
Phenanthrene	1.1962	1.1932	1.1505	1.2694 1.1146	1.2420	Ave		1.1943			0.7000	4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Anthracene	1.2218	1.2420	1.1947	1.2920 1.1545	1.2603	Ave		1.2276			0.7000	4.0		20.0			
Carbazole	1.1477	1.1537	1.1067	1.1896 1.0700	1.2027	Ave		1.1451			0.0100	4.4		20.0			
Di-n-butyl phthalate	1.5202	1.5505	1.4824	1.5737 1.4461	1.5938	Ave		1.5278			0.0100	3.7		20.0			
Fluoranthene	1.2308	1.2622	1.2037	1.2938 1.1900	1.3077	Ave		1.2480			0.6000	3.8		20.0			
Benzidine	0.5266	0.6732	0.6232	0.5162 0.6433	0.5244	Ave		0.5845				12.0		20.0			
Pyrene	1.5182	1.5135	1.4592	1.5575 1.4461	1.5758	Ave		1.5117			0.6000	3.4		20.0			
Bisphenol-A	0.5869	0.6260	0.6424	0.4985 0.5883	0.5677	Ave		0.5850				8.6		20.0			
Butyl benzyl phthalate	0.7330	0.7655	0.7611	0.6632 0.7493	0.7225	Ave		0.7325			0.0100	5.1		20.0			
2,3,7,8-TCDD		0.2147				Ave		0.2147						20.0			
Carbamazepine	0.6295	0.6584	0.6682	0.4980 0.6884	0.5643	Ave		0.6178				11.8		20.0			
3,3'-Dichlorobenzidine	0.5283	0.5435	0.4465 0.5300	0.5030 0.5358	0.5328	Ave		0.5171			0.0100	6.5		20.0			
Benzo[a]anthracene	1.4420 1.3870	1.3330 1.3839	1.3040 1.3544	1.4295 1.3111	1.4577	Ave		1.3781			0.8000	4.1		20.0			
Chrysene	1.3812	1.3569	1.3333	1.3753 1.2694	1.3955	Ave		1.3519			0.7000	3.4		20.0			
Bis(2-ethylhexyl) phthalate	1.1543	1.1742	1.1399	1.1172 1.1295	1.1885	Ave		1.1506			0.0100	2.4		20.0			
Di-n-octyl phthalate	1.6714	1.7202	1.6924	1.5351 1.6599	1.7105	Ave		1.6649			0.0100	4.1		20.0			
Benzo[b]fluoranthene	1.0307 1.1728	1.0622 1.2309	1.1340 1.1782	1.2396 1.2485	1.2640	Ave		1.1734			0.7000	7.1		20.0			
Benzo[k]fluoranthene	1.1749 1.2940	1.1336 1.2338	1.2193 1.2365	1.2530 1.1447	1.3055	Ave		1.2217			0.7000	5.0		20.0			
Benzo[a]pyrene	0.8602 1.0610	0.9406 1.0843	0.9934 1.0491	1.0400 1.0322	1.1012	Ave		1.0180			0.7000	7.5		20.0			
Indeno[1,2,3-cd]pyrene	0.8044 1.1668	0.8817 1.1611	1.0059 1.1831	1.0367 1.2172	1.0622	Ave		1.0577			0.5000	13.5		20.0			
Dibenz(a,h)anthracene	0.8641 1.1733	0.9433 1.2015	0.9819 1.1808	1.1023 1.1296	1.1394	Ave		1.0796			0.4000	11.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzo[g,h,i]perylene	1.2161	1.2184	1.1968	1.1790 1.1812	1.2451	Ave		1.2061			0.5000	2.1		20.0			
2-Fluorophenol (Surr)	1.4722	1.5652 1.5244	1.6048 1.5380	1.5759 1.5334	1.5575	Ave		1.5464				2.6		20.0			
Phenol-d5 (Surr)	1.9260	2.1776 2.0379	2.0568 1.9802	2.0084 1.9995	1.9607	Ave		2.0184				3.8		20.0			
Nitrobenzene-d5 (Surr)	0.5092 0.4527	0.4663 0.4661	0.4934 0.4773	0.4661 0.4773	0.4642	Ave		0.4747				3.6		20.0			
2-Fluorobiphenyl	1.4923 1.4168	1.6085 1.4894	1.5200 1.4659	1.5152 1.4122	1.4550	Ave		1.4862				4.0		20.0			
2,4,6-Tribromophenol (Surr)	0.2307	0.2329 0.2441	0.2151 0.2502	0.2491 0.2438	0.2308	Ave		0.2371				5.0		20.0			
Terphenyl-d14 (Surr)	0.9873 0.9874	1.0462 1.0375	1.0831 1.0357	1.0451 1.0100	1.0027	Ave		1.0261				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-718482/10	f4515697.D
Level 2	STD1 460-718482/9	f4515696.D
Level 3	STD2 460-718482/8	f4515695.D
Level 4	STD5 460-718482/7	f4515694.D
Level 5	STD10 460-718482/6	f4515693.D
Level 6	STD20 460-718482/5	f4515692.D
Level 7	ICIS 460-718482/2	f4515644b.D
Level 8	STD80 460-718482/4	f4515691.D
Level 9	STD120 460-718482/3	f4515690.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	523 24734	1240 61131	1891 95280	7585 137344	12814	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd 4	Ave	 35018	 90844	 137456	9969 202494	18733	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd 4	Ave	 127082	 319839	 487420	35254 707156	65621	 40.0	 100	 160	10.0 240	20.0
Benzaldehyde	DCBd 4	Ave	 36787	2931 +++++	5636 +++++	15468 +++++	25854	 16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd 4	Ave	 73882	 186608	 284487	20863 410532	37384	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd 4	Ave	 88822	 230463	 353089	25266 511644	46038	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd 4	Ave	1537 60233	3245 149602	6481 230518	17019 330539	31677	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd 4	Ave	 52443	 133579	 203921	15009 288669	26676	 20.0	 50.0	 80.0	5.00 120	10.0
n-Decane	DCBd 4	Ave	 99938	 246509	 379766	27142 540214	50665	 20.0	 50.0	 80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	 55207	 141580	 215548	15680 304566	29012	 20.0	 50.0	 80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	 56850	 143335	 219387	16095 310383	28898	 20.0	 50.0	 80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	 37389	 95340	 145347	10176 208617	19312	 20.0	 50.0	 80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	 53704	 135504	 204943	15474 290585	28380	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	 50282	 128530	 192133	14464 277917	25470	 20.0	 50.0	 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	125704	316599	485926	35803 693993	65378	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	91692	230676	354482	24089 521587	45241	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	58837	147504	221546	16300 315268	29985	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	58837	147504	221546	16300 315268	29985	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	83974	207733	314139	24897 448994	43856	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1093 42614	2289 110107	4129 162583	11723 239489	22080	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Hexachloroethane	DCBd 4	Ave	617 24757	1229 61889	2467 92803	7299 132920	12484	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	494 25283	1522 64154	2474 96566	7064 138063	12890	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	2288 81244	4431 204859	8237 313860	22253 449749	40641	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	121737	308313	11664 465368	34108 672143	63262	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	22405	60237	95541	6320 136823	11316	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	47278	118902	179537	13289 258092	24456	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	73323	187861	290369	20888 414041	38301	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	25349	71244	121011	4447 176228	12517	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	39909	102666	3770 156113	10971 225847	20557	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	1154 43601	2312 111923	4605 168092	12738 237454	23564	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	149866	378859	576145	43646 819003	77899	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	64876	162234	240264	18290 345939	33216	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	22839	1213 60980	2306 90378	6568 126634	12240	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	12508	717 15917	1417 +++++	4087 +++++	7209	16.0	1.00 20.0	2.00 +++++	5.00 +++++	10.0
4-Chloro-3-methylphenol	NPT	Ave	49324	128923	194215	12719 279515	25231	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	97945	256691	381786	28787 540403	50842	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	93131	239736	362049	26361 507653	48528	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	25383	66874	106002	6849 154357	12352	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	40086	104060	157231	12103 224070	21193	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	59115	155595	237070	16341 350138	29895	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	27251	73478	2648 108645	8031 158189	14491	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	31350	78051	119734	8125 175950	15563	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	118487	294389	444282	32293 622990	59821	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	88981	228872	341044	25636 478797	47362	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	60410	156422	236983	16456 339103	29208	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	42760	110432	175297	11111 254369	21531	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	70856	181010	272574	18405 397246	34820	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	105660	259665	392132	29872 554705	56138	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	36448	91805	139866	9983 203827	17844	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	21935	836 56187	1576 87762	5680 127582	10465	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	142605	363184	545335	39296 777841	73015	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	25336	64234	102307	6498 147010	12649	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	84331	215657	324468	23604 458639	44153	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	71422	183076	280385	19969 408958	35201	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	17770	49405	1009 83442	3600 126312	7737	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	54812	141453	222758	14334 325277	25998	40.0	100	160	10.0 240	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4-Dinitrotoluene	ANT	Lin2	27765	859 71929	2237 113963	6883 165516	13715	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	124077	322243	474577	34345 671626	65159	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	23177	59504	91282	6014 133166	10937	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	111435	282378	428377	31335 624861	58210	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	103800	260388	387221	28466 555751	53796	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	45104	114911	171688	12688 238368	23921	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	26514	64359	101615	7202 147855	13188	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	22649	62192	1454 106362	4642 155725	10346	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	76671	189721	285350	20707 411631	38532	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	140990	357303	540732	40465 789475	73860	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	27631	69119	105715	7313 151262	13908	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	841 31964	1890 83836	3590 128939	9598 183822	16636	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	22425	1413 27859	2403 32547	7788 43095	13672	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	36080	97380	2944 148983	9619 220436	18977	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	12133	31278	48957	3206 74204	5875	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	125663	325371	490222	34256 702307	64392	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	151069	376131	571107	43005 819597	77990	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	154307	391534	593052	43772 848973	79139	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	144954	363708	549402	40302 786801	75527	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	191987	488789	735863	53314 1063401	100084	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	155437	397881	597539	43831 875037	82116	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzidine	PHN	Ave	66501	212235	309372	17489 473042	32931	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	161547	408214	612633	45280 888220	83923	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	62455	168853	269718	14492 361336	30236	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	78000	206478	319541	19282 460275	38481	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		579					0.500			
Carbamazepine	CRY	Ave	66981	177576	280545	14479 422845	30052	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	56213	146589	4735 222536	14624 329093	28375	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	3977 147588	7740 373273	13827 568660	41559 805357	77633	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	146971	365987	559798	39984 779686	74321	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	122828	316688	478597	32481 693775	63295	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	202968	539497	829810	51113 1208897	102918	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	3216 142428	7051 386044	13758 577680	41272 909330	76054	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	3666 157140	7525 386956	14792 606256	41721 833726	78551	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2684 128845	6244 340086	12052 514384	34629 751731	66259	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2510 141691	5853 364142	12203 580104	34517 886486	63913	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	2696 142488	6262 376826	11912 578951	36703 822723	68560	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	147681	382116	586823	39255 860283	74917	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	51761	3013 136221	5724 218488	15145 318878	27105	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	67717	4192 182109	7336 281306	19301 415820	34122	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	1911 63273	3585 167033	7034 268190	17857 390280	32311	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	2764 101166	6203 265663	10634 409841	28520 592573	50590	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 718482

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2020 21:30 Calibration End Date: 08/21/2020 00:07 Calibration ID: 81644

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4,6-Tribromophenol (Surr)	ANT	Ave	898 16475	1505 43545	4688 69952	8025 102305		1.00 20.0	2.00 50.0	5.00 80.0	10.0 120	
Terphenyl-d14 (Surr)	CRY	Ave	2723 105070	6075 279837	11485 434818	30384 620350	53404	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515644b.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 20-Aug-2020 21:30:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:33:29 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: hamziy Date: 20-Aug-2020 21:53:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.638	1.638	0.000	92	61131	50.0	51.6	
2 N-Nitrosodimethylamine	74	1.756	1.756	0.000	78	90844	50.0	50.3	
3 Pyridine	79	1.777	1.777	0.000	77	319839	100.0	100.1	
$ 5 2-Fluorophenol	112	2.424	2.424	0.000	88	136221	50.0	49.3	
7 Benzaldehyde	77	3.012	3.012	0.000	89	32832	20.0	12.2	
$ 8 Phenol-d5	99	3.044	3.044	0.000	98	182109	50.0	50.5	
9 Phenol	94	3.056	3.056	0.000	96	186608	50.0	50.2	
10 Aniline	93	3.089	3.089	0.000	78	230463	50.0	50.5	
11 Bis(2-chloroethyl)ether	93	3.136	3.136	0.000	89	149602	50.0	49.2	
12 2-Chlorophenol	128	3.171	3.171	0.000	71	133579	50.0	50.4	
13 n-Decane	43	3.213	3.213	0.000	95	246509	50.0	49.8	
14 1,3-Dichlorobenzene	146	3.287	3.287	0.000	90	141580	50.0	50.4	
* 15 1,4-Dichlorobenzene-d4	152	3.328	3.328	0.000	97	71489	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.340	3.340	0.000	89	143335	50.0	50.2	
17 Benzyl alcohol	108	3.429	3.429	0.000	88	95340	50.0	50.6	
18 1,2-Dichlorobenzene	146	3.452	3.452	0.000	86	135504	50.0	49.9	
19 2-Methylphenol	108	3.508	3.508	0.000	82	128530	50.0	50.6	
20 2,2'-oxybis[1-chloropropane]	45	3.538	3.538	0.000	55	316599	50.0	49.8	
130 N-Methylaniline	106	3.624	3.624	0.000	0	230676	50.0	50.6	a
22 4-Methylphenol	108	3.630	3.630	0.000	67	147504	50.0	50.4	
23 3 & 4 Methylphenol	108	3.630	3.630	0.000	87	147504	50.0	50.4	
21 Acetophenone	105	3.633	3.633	0.000	83	207733	50.0	49.1	
24 N-Nitrosodi-n-propylamine	70	3.639	3.639	0.000	94	110107	50.0	51.7	
25 Hexachloroethane	117	3.706	3.706	0.000	92	61889	50.0	50.7	
$ 26 Nitrobenzene-d5	82	3.745	3.745	0.000	93	167033	50.0	49.1	
27 Nitrobenzene	123	3.760	3.760	0.000	85	64154	50.0	51.6	
28 n,n'-Dimethylaniline	120	3.762	3.762	0.000	78	204859	50.0	50.0	
29 Isophorone	82	3.946	3.946	0.000	98	308313	50.0	50.2	
30 2-Nitrophenol	139	3.999	3.999	0.000	76	60237	50.0	50.8	
31 2,4-Dimethylphenol	122	4.040	4.040	0.000	87	118902	50.0	49.7	
32 Bis(2-chloroethoxy)methane	93	4.120	4.120	0.000	94	187861	50.0	49.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.135	4.135	0.000	90	71244	50.0	48.3	
34 2,4-Dichlorophenol	162	4.182	4.182	0.000	88	102666	50.0	50.8	
35 1,2,4-Trichlorobenzene	180	4.250	4.250	0.000	93	111923	50.0	49.9	
* 36 Naphthalene-d8	136	4.291	4.291	0.000	99	286720	40.0	40.0	
37 Naphthalene	128	4.309	4.309	0.000	97	378859	50.0	49.4	
38 4-Chloroaniline	127	4.356	4.356	0.000	86	162234	50.0	49.9	
39 Hexachlorobutadiene	225	4.409	4.409	0.000	92	60980	50.0	51.7	
40 Caprolactam	113	4.672	4.672	0.000	86	15917	20.0	21.3	M
41 4-Chloro-3-methylphenol	107	4.734	4.734	0.000	92	128923	50.0	51.5	
42 2-Methylnaphthalene	142	4.843	4.843	0.000	81	256691	50.0	50.7	
43 1-Methylnaphthalene	142	4.917	4.917	0.000	89	239736	50.0	50.3	
44 Hexachlorocyclopentadiene	237	4.967	4.967	0.000	80	66874	50.0	51.2	
45 1,2,4,5-Tetrachlorobenzene	216	4.970	4.970	0.000	93	104060	50.0	50.1	
46 2-tertbutyl-4-methylphenol	149	5.012	5.012	0.000	85	155595	50.0	50.8	
47 2,4,6-Trichlorophenol	196	5.059	5.059	0.000	84	73478	50.0	51.8	
48 2,4,5-Trichlorophenol	196	5.083	5.083	0.000	90	78051	50.0	50.4	
$ 50 2-Fluorobiphenyl	172	5.130	5.130	0.000	97	265663	50.0	50.1	
51 1,1'-Biphenyl	154	5.204	5.204	0.000	97	294389	50.0	50.4	
52 2-Chloronaphthalene	162	5.213	5.213	0.000	94	228872	50.0	50.6	
53 Phenyl ether	170	5.289	5.289	0.000	88	156422	50.0	51.7	
54 2-Nitroaniline	65	5.295	5.295	0.000	87	110432	50.0	50.7	
55 1,3-Dimethylnaphthalene	156	5.384	5.384	0.000	90	181010	50.0	51.5	
56 Dimethyl phthalate	163	5.451	5.451	0.000	92	259665	50.0	49.3	
57 Coumarin	146	5.451	5.451	0.000	73	91805	50.0	50.2	
58 2,6-Dinitrotoluene	165	5.487	5.487	0.000	69	56187	50.0	55.1	
59 Acenaphthylene	152	5.525	5.525	0.000	95	363184	50.0	50.8	
60 3-Nitroaniline	138	5.608	5.608	0.000	88	64234	50.0	50.5	
* 61 Acenaphthene-d10	164	5.634	5.634	0.000	86	142692	40.0	40.0	
62 Acenaphthene	154	5.661	5.661	0.000	95	215657	50.0	50.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.670	5.670	0.000	95	183076	50.0	50.7	
64 2,4-Dinitrophenol	184	5.688	5.688	0.000	51	49405	100.0	101.5	
65 4-Nitrophenol	65	5.741	5.741	0.000	95	141453	100.0	102.5	
67 2,4-Dinitrotoluene	165	5.788	5.788	0.000	72	71929	50.0	50.3	
66 Dibenzofuran	168	5.791	5.791	0.000	90	322243	50.0	51.4	
68 2,3,4,6-Tetrachlorophenol	232	5.882	5.882	0.000	88	59504	50.0	51.7	
69 Diethyl phthalate	149	5.992	5.992	0.000	96	282378	50.0	50.0	
70 Fluorene	166	6.051	6.051	0.000	82	260388	50.0	50.4	
71 4-Chlorophenyl phenyl ether	204	6.060	6.060	0.000	79	114911	50.0	50.6	
72 4-Nitroaniline	138	6.077	6.077	0.000	62	64359	50.0	49.0	
73 4,6-Dinitro-2-methylphenol	198	6.095	6.095	0.000	62	62192	100.0	101.3	
74 N-Nitrosodiphenylamine	169	6.148	6.148	0.000	38	189721	50.0	50.6	
75 1,2-Diphenylhydrazine	77	6.178	6.178	0.000	46	357303	50.0	50.1	
$ 76 2,4,6-Tribromophenol	330	6.228	6.228	0.000	92	43545	50.0	51.5	
77 4-Bromophenyl phenyl ether	248	6.426	6.426	0.000	77	69119	50.0	50.8	
78 Hexachlorobenzene	284	6.458	6.458	0.000	96	83836	50.0	49.8	
79 Atrazine	200	6.558	6.558	0.000	78	27859	20.0	20.4	
80 Pentachlorophenol	266	6.609	6.609	0.000	87	97380	100.0	107.2	
81 Pentachloronitrobenzene	237	6.620	6.620	0.000	84	31278	50.0	51.1	
82 n-Octadecane	57	6.706	6.706	0.000	91	325371	50.0	51.6	
* 83 Phenanthrene-d10	188	6.750	6.750	0.000	99	252192	40.0	40.0	
84 Phenanthrene	178	6.771	6.771	0.000	99	376131	50.0	50.0	
85 Anthracene	178	6.809	6.809	0.000	96	391534	50.0	50.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.930	6.930	0.000	83	363708	50.0	50.4	
88 Di-n-butyl phthalate	149	7.217	7.217	0.000	99	488789	50.0	50.7	
89 Fluoranthene	202	7.657	7.657	0.000	97	397881	50.0	50.6	
90 Benzidine	184	7.769	7.769	0.000	99	212235	50.0	57.6	
91 Pyrene	202	7.825	7.825	0.000	96	408214	50.0	50.1	
92 Bisphenol-A	213	7.878	7.878	0.000	96	168853	50.0	53.5	
$ 93 Terphenyl-d14	244	7.958	7.958	0.000	99	279837	50.0	50.6	
95 Butyl benzyl phthalate	149	8.348	8.348	0.000	95	206478	50.0	52.3	
96 2,3,7,8-TCDD	320	8.392	8.392	0.000	63	579	0.5000	0.5000	
97 Carbamazepine	193	8.422	8.422	0.000	92	177576	50.0	53.3	
99 3,3'-Dichlorobenzidine	252	8.770	8.770	0.000	98	146589	50.0	52.5	
100 Benzo[a]anthracene	228	8.782	8.782	0.000	100	373273	50.0	50.2	
* 98 Chrysene-d12	240	8.791	8.791	0.000	97	215773	40.0	40.0	
101 Chrysene	228	8.814	8.814	0.000	95	365987	50.0	50.2	
102 Bis(2-ethylhexyl) phthalate	149	8.853	8.853	0.000	88	316688	50.0	51.0	
103 Di-n-octyl phthalate	149	9.479	9.479	0.000	96	539497	50.0	51.7	
104 Benzo[b]fluoranthene	252	9.804	9.804	0.000	98	386044	50.0	52.4	
105 Benzo[k]fluoranthene	252	9.833	9.833	0.000	99	386956	50.0	50.5	
106 Benzo[a]pyrene	252	10.135	10.135	0.000	96	340086	50.0	53.3	
* 107 Perylene-d12	264	10.191	10.191	0.000	96	250905	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.304	11.304	0.000	98	364142	50.0	54.9	M
109 Dibenz(a,h)anthracene	278	11.336	11.336	0.000	95	376826	50.0	55.6	
110 Benzo[g,h,i]perylene	276	11.587	11.587	0.000	93	382116	50.0	50.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:33:30 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515644b.D

Injection Date: 20-Aug-2020 21:30:30 Instrument ID: CBNAMS15 Operator ID:

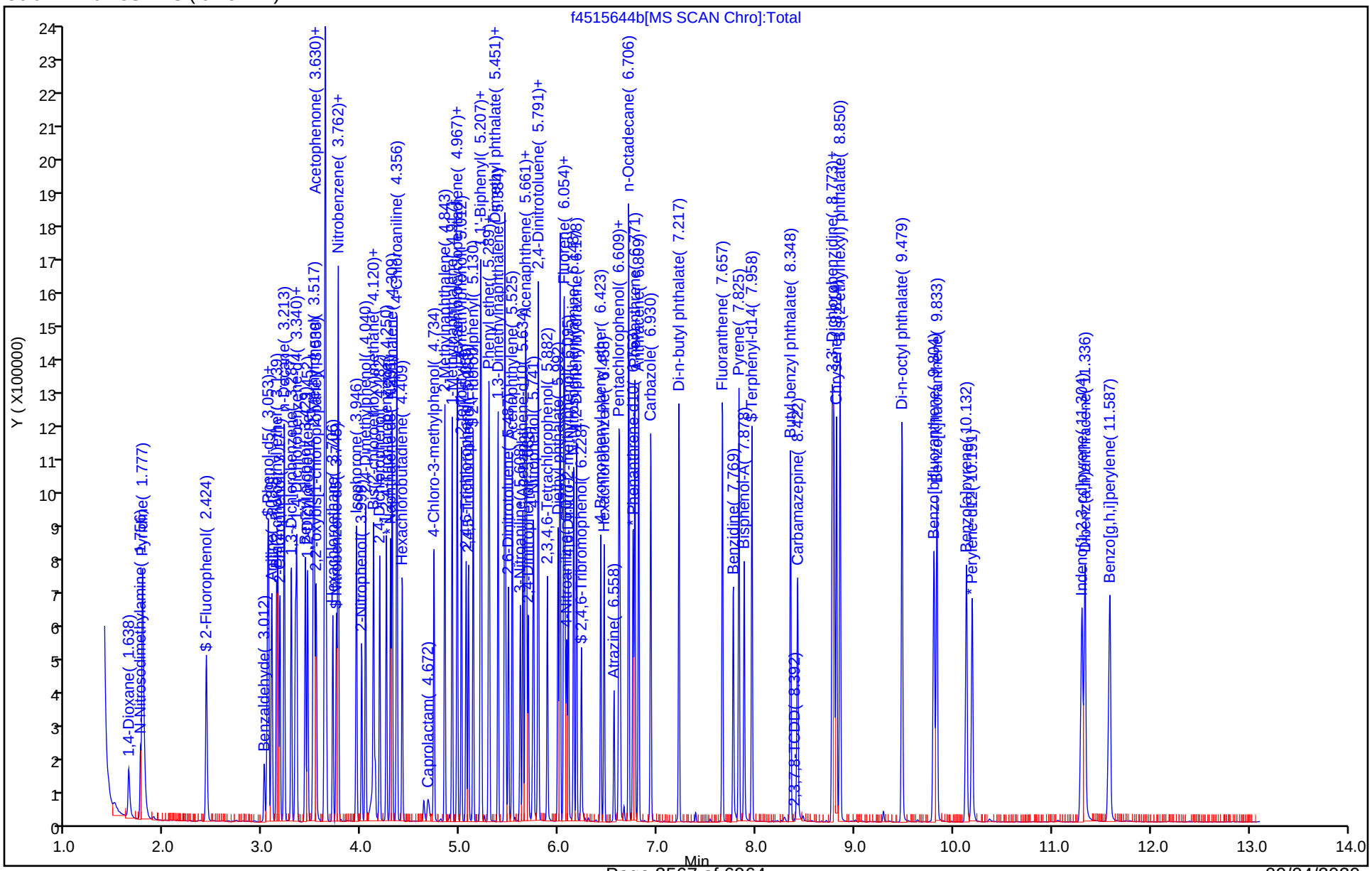
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

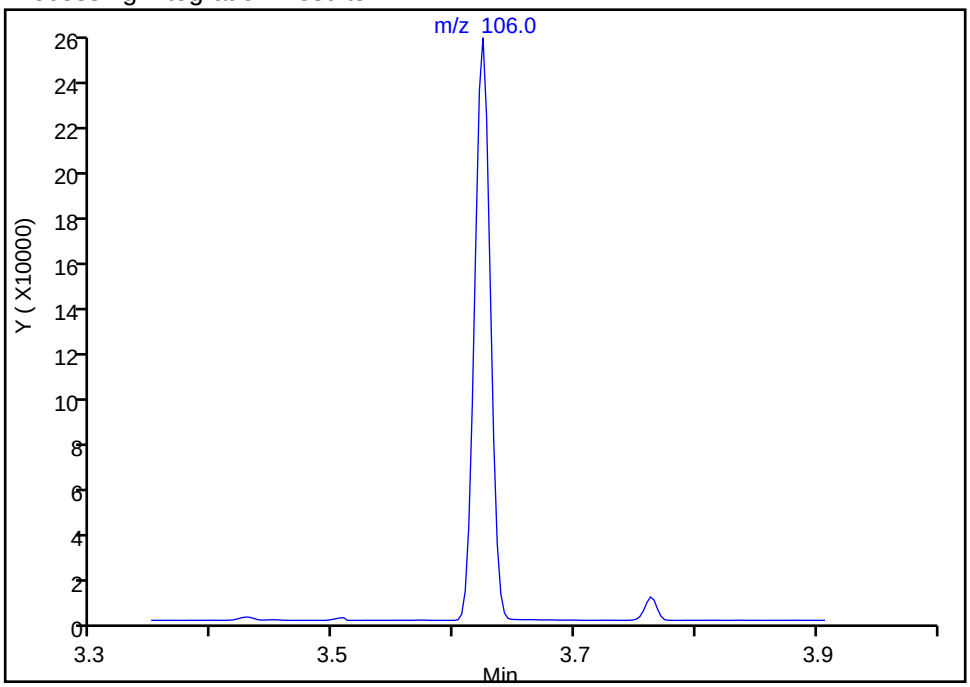
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515644b.D
Injection Date: 20-Aug-2020 21:30:30 Instrument ID: CBNAMS15
Lims ID: icis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

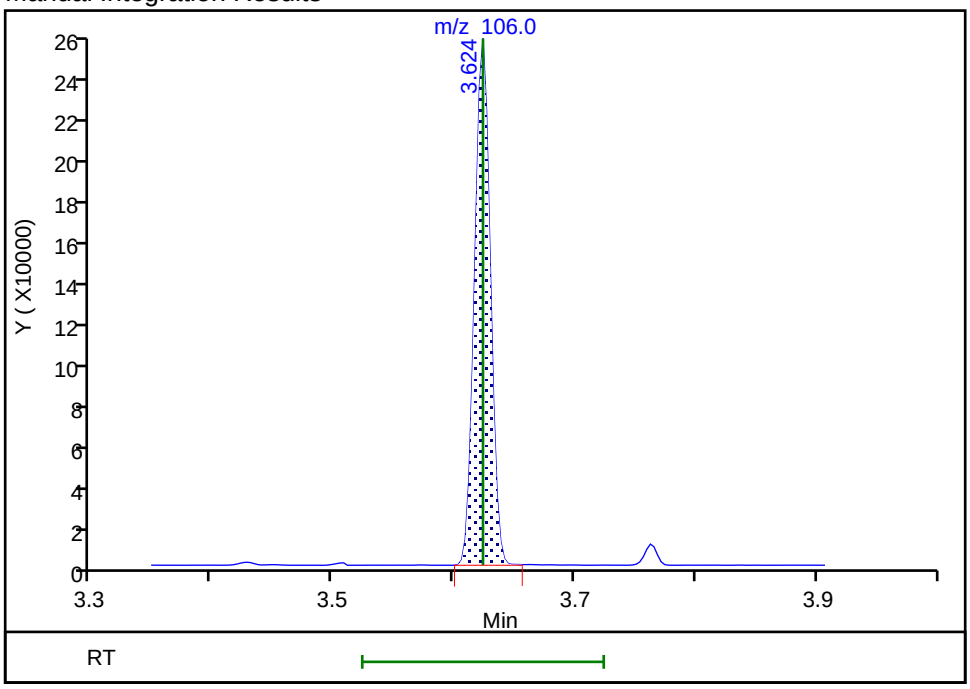
Not Detected
Expected RT: 3.62

Processing Integration Results



Manual Integration Results

RT: 3.62
Area: 230676
Amount: 50.618990
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 14:47:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

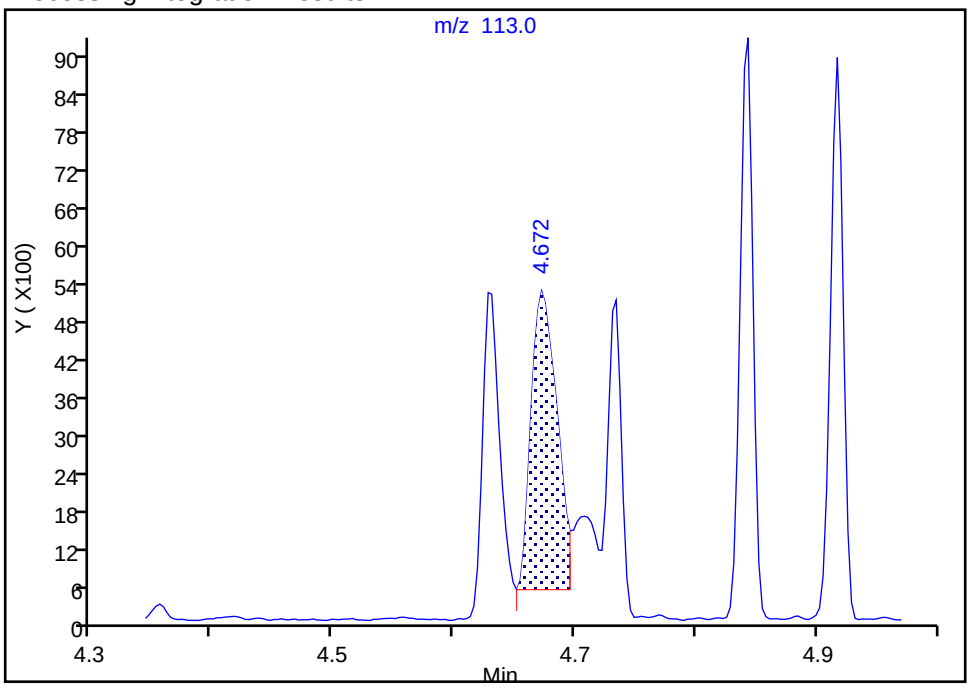
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515644b.D				
Injection Date:	20-Aug-2020 21:30:30	Instrument ID:	CBNAMS15		
Lims ID:	icis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

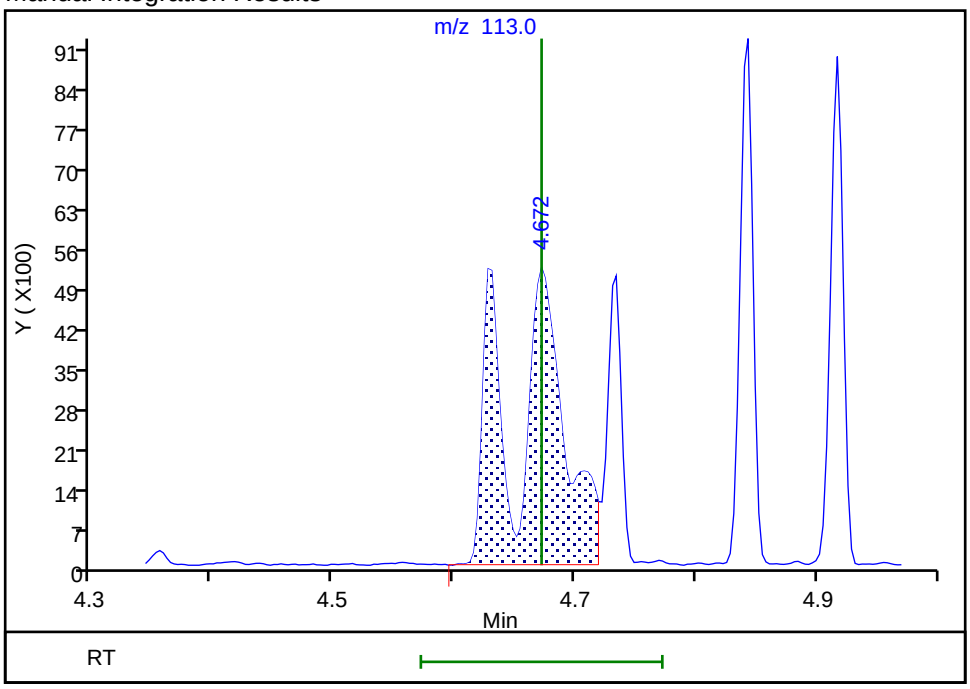
Processing Integration Results

RT: 4.67
Area: 7104
Amount: 12.320827
Amount Units: ug/ml



Manual Integration Results

RT: 4.67
Area: 15917
Amount: 21.289957
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 14:47:38

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

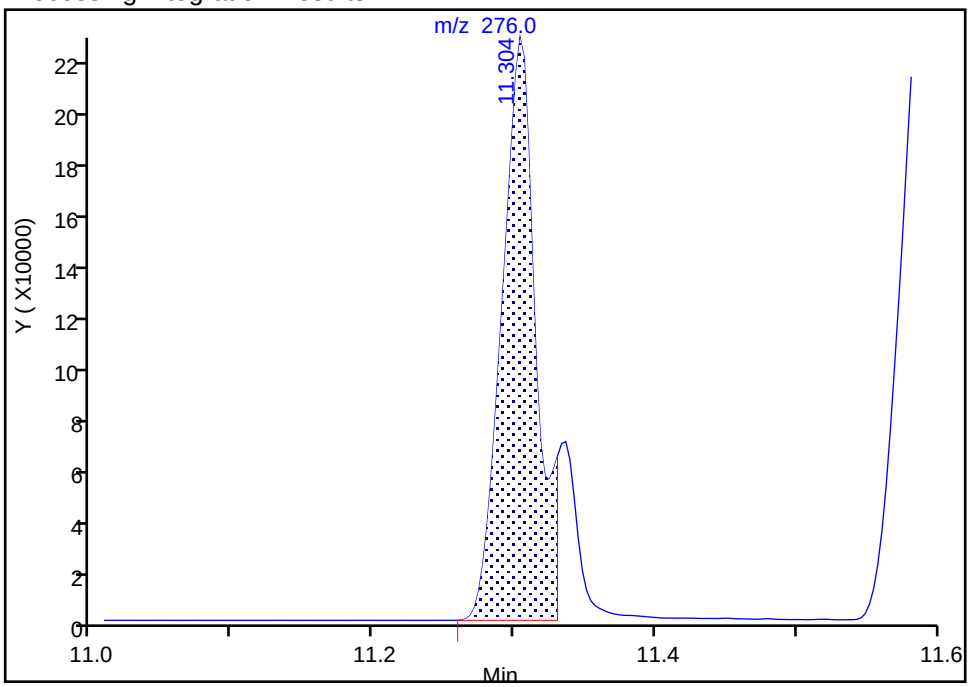
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515644b.D				
Injection Date:	20-Aug-2020 21:30:30	Instrument ID:	CBNAMS15		
Lims ID:	icis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

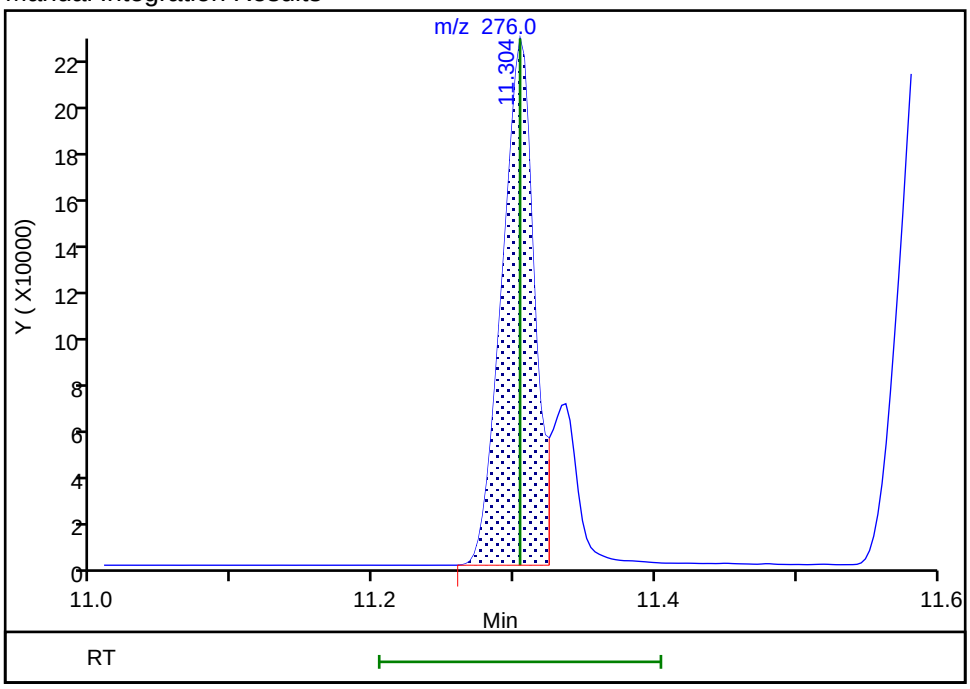
Processing Integration Results

RT: 11.30
Area: 385833
Amount: 57.737215
Amount Units: ug/ml



Manual Integration Results

RT: 11.30
Area: 364142
Amount: 54.887216
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:04:13

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 20-Aug-2020 22:07:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-003
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:33:37 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 14:50:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.638	1.638	0.000	93	137344	120.0	119.5	
2 N-Nitrosodimethylamine	74	1.758	1.756	0.002	80	202494	120.0	115.5	
3 Pyridine	79	1.779	1.777	0.002	77	707156	240.0	228.1	
$ 5 2-Fluorophenol	112	2.426	2.424	0.002	88	318878	120.0	119.0	
7 Benzaldehyde	77	3.010	3.012	-0.002	87	20425	32.0	7.85	
$ 8 Phenol-d5	99	3.054	3.044	0.010	90	415820	120.0	118.9	
9 Phenol	94	3.063	3.056	0.007	95	410532	120.0	113.8	
10 Aniline	93	3.092	3.089	0.003	98	511644	120.0	115.6	
11 Bis(2-chloroethyl)ether	93	3.139	3.136	0.003	89	330539	120.0	112.1	
12 2-Chlorophenol	128	3.175	3.171	0.004	75	288669	120.0	112.2	
13 n-Decane	43	3.213	3.213	0.000	95	540214	120.0	112.6	
14 1,3-Dichlorobenzene	146	3.287	3.287	0.000	90	304566	120.0	111.8	
* 15 1,4-Dichlorobenzene-d4	152	3.328	3.328	0.000	95	69319	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.340	3.340	0.000	89	310383	120.0	112.0	
17 Benzyl alcohol	108	3.432	3.429	0.003	88	208617	120.0	114.2	
18 1,2-Dichlorobenzene	146	3.452	3.452	0.000	90	290585	120.0	110.3	
19 2-Methylphenol	108	3.511	3.508	0.003	80	277917	120.0	112.9	
20 2,2'-oxybis[1-chloropropane]	45	3.538	3.538	0.000	92	693993	120.0	112.5	
130 N-Methylaniline	106	3.626	3.624	0.002	0	521587	120.0	118.0	a
22 4-Methylphenol	108	3.641	3.630	0.011	65	315268	120.0	111.2	a
23 3 & 4 Methylphenol	108	3.641	3.630	0.011	73	315268	120.0	111.2	a
21 Acetophenone	105	3.638	3.633	0.005	87	448994	120.0	109.5	
24 N-Nitrosodi-n-propylamine	70	3.656	3.639	0.017	90	239489	120.0	116.0	
25 Hexachloroethane	117	3.706	3.706	0.000	92	132920	120.0	112.3	
$ 26 Nitrobenzene-d5	82	3.747	3.745	0.002	94	390280	120.0	120.7	
27 Nitrobenzene	123	3.765	3.760	0.005	84	138063	120.0	114.5	
28 n,n'-Dimethylaniline	120	3.768	3.762	0.006	84	449749	120.0	113.1	
29 Isophorone	82	3.957	3.946	0.011	98	672143	120.0	115.1	
30 2-Nitrophenol	139	4.001	3.999	0.002	75	136823	120.0	121.3	
31 2,4-Dimethylphenol	122	4.042	4.040	0.002	86	258092	120.0	113.4	
32 Bis(2-chloroethoxy)methane	93	4.122	4.120	0.002	94	414041	120.0	115.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.175	4.135	0.040	88	176228	120.0	122.0	
34 2,4-Dichlorophenol	162	4.187	4.182	0.005	89	225847	120.0	117.6	
35 1,2,4-Trichlorobenzene	180	4.249	4.250	-0.001	93	237454	120.0	111.4	
* 36 Naphthalene-d8	136	4.294	4.291	0.003	99	272537	40.0	40.0	
37 Naphthalene	128	4.311	4.309	0.002	98	819003	120.0	112.4	
38 4-Chloroaniline	127	4.359	4.356	0.002	86	345939	120.0	111.9	
39 Hexachlorobutadiene	225	4.409	4.409	0.000	91	126634	120.0	113.0	
40 Caprolactam	113	4.733	4.672	0.061	32	20045	32.0	28.2	M
41 4-Chloro-3-methylphenol	107	4.733	4.734	-0.001	95	279515	120.0	117.5	
42 2-Methylnaphthalene	142	4.843	4.843	-0.001	79	540403	120.0	112.3	
43 1-Methylnaphthalene	142	4.916	4.917	-0.001	90	507653	120.0	112.2	
44 Hexachlorocyclopentadiene	237	4.966	4.967	-0.001	86	154357	120.0	120.6	
45 1,2,4,5-Tetrachlorobenzene	216	4.972	4.970	0.002	94	224070	120.0	110.0	
46 2-tertbutyl-4-methylphenol	149	5.014	5.012	0.002	85	350138	120.0	120.3	
47 2,4,6-Trichlorophenol	196	5.058	5.059	-0.001	83	158189	120.0	113.9	
48 2,4,5-Trichlorophenol	196	5.085	5.083	0.002	90	175950	120.0	116.0	
$ 50 2-Fluorobiphenyl	172	5.132	5.130	0.002	97	592573	120.0	114.0	
51 1,1'-Biphenyl	154	5.206	5.204	0.002	97	622990	120.0	108.9	
52 2-Chloronaphthalene	162	5.214	5.213	0.001	94	478797	120.0	107.9	
53 Phenyl ether	170	5.288	5.289	-0.001	88	339103	120.0	114.2	
54 2-Nitroaniline	65	5.300	5.295	0.005	91	254369	120.0	119.2	
55 1,3-Dimethylnaphthalene	156	5.386	5.384	0.002	89	397246	120.0	115.4	
56 Dimethyl phthalate	163	5.457	5.451	0.006	91	554705	120.0	107.4	
57 Coumarin	146	5.457	5.451	0.006	69	203827	120.0	117.2	
58 2,6-Dinitrotoluene	165	5.492	5.487	0.005	68	127582	120.0	127.7	
59 Acenaphthylene	152	5.527	5.525	0.002	95	777841	120.0	111.0	
60 3-Nitroaniline	138	5.616	5.608	0.008	89	147010	120.0	117.9	
* 61 Acenaphthene-d10	164	5.634	5.634	0.000	80	139868	40.0	40.0	
62 Acenaphthene	154	5.660	5.661	-0.001	96	458639	120.0	109.8	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.672	5.670	0.002	94	408958	120.0	115.5	
64 2,4-Dinitrophenol	184	5.699	5.688	0.011	57	126312	240.0	261.1	
65 4-Nitrophenol	65	5.752	5.741	0.011	95	325277	240.0	240.5	
67 2,4-Dinitrotoluene	165	5.796	5.788	0.008	49	165516	120.0	117.5	
66 Dibenzofuran	168	5.794	5.791	0.003	90	671626	120.0	109.3	
68 2,3,4,6-Tetrachlorophenol	232	5.885	5.882	0.003	89	133166	120.0	118.0	
69 Diethyl phthalate	149	5.997	5.992	0.005	96	624861	120.0	112.8	
70 Fluorene	166	6.050	6.051	-0.001	81	555751	120.0	109.8	
71 4-Chlorophenyl phenyl ether	204	6.059	6.060	-0.001	77	238368	120.0	107.1	
72 4-Nitroaniline	138	6.095	6.077	0.018	77	147855	120.0	114.8	
73 4,6-Dinitro-2-methylphenol	198	6.107	6.095	0.012	64	155725	240.0	258.0	
74 N-Nitrosodiphenylamine	169	6.154	6.148	0.006	36	411631	120.0	112.9	
75 1,2-Diphenylhydrazine	77	6.180	6.178	0.002	34	789475	120.0	114.0	a
$ 76 2,4,6-Tribromophenol	330	6.231	6.228	0.003	92	102305	120.0	123.4	
77 4-Bromophenyl phenyl ether	248	6.425	6.426	-0.001	76	151262	120.0	114.5	
78 Hexachlorobenzene	284	6.461	6.458	0.003	87	183822	120.0	112.4	
79 Atrazine	200	6.561	6.558	0.003	80	43095	32.0	32.5	
80 Pentachlorophenol	266	6.612	6.609	0.003	87	220436	240.0	249.6	
81 Pentachloronitrobenzene	237	6.620	6.620	0.000	81	74204	120.0	124.6	
82 n-Octadecane	57	6.706	6.706	0.000	91	702307	120.0	114.5	
* 83 Phenanthrene-d10	188	6.750	6.750	0.000	99	245113	40.0	40.0	
84 Phenanthrene	178	6.771	6.771	0.000	99	819597	120.0	112.0	
85 Anthracene	178	6.810	6.809	0.001	96	848973	120.0	112.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.934	6.930	0.004	83	786801	120.0	112.1	
88 Di-n-butyl phthalate	149	7.217	7.217	0.000	99	1063401	120.0	113.6	
89 Fluoranthene	202	7.660	7.657	0.003	97	875037	120.0	114.4	
90 Benzidine	184	7.769	7.769	0.000	99	473042	120.0	132.1	
91 Pyrene	202	7.828	7.825	0.003	96	888220	120.0	114.8	
92 Bisphenol-A	213	7.878	7.878	0.000	96	361336	120.0	120.7	
$ 93 Terphenyl-d14	244	7.958	7.958	0.000	99	620350	120.0	118.1	
95 Butyl benzyl phthalate	149	8.345	8.348	-0.003	95	460275	120.0	122.8	
97 Carbamazepine	193	8.428	8.422	0.006	92	422845	120.0	133.7	
99 3,3'-Dichlorobenzidine	252	8.773	8.770	0.003	90	329093	120.0	124.3	
100 Benzo[a]anthracene	228	8.782	8.782	0.000	100	805357	120.0	114.2	
* 98 Chrysene-d12	240	8.791	8.791	0.000	97	204746	40.0	40.0	
101 Chrysene	228	8.818	8.814	0.004	95	779686	120.0	112.7	
102 Bis(2-ethylhexyl) phthalate	149	8.847	8.853	-0.006	72	693775	120.0	117.8	
103 Di-n-octyl phthalate	149	9.476	9.479	-0.003	96	1208897	120.0	119.6	
104 Benzo[b]fluoranthene	252	9.807	9.804	0.003	98	909330	120.0	127.7	
105 Benzo[k]fluoranthene	252	9.837	9.833	0.004	99	833726	120.0	112.4	
106 Benzo[a]pyrene	252	10.138	10.135	0.003	96	751731	120.0	121.7	
* 107 Perylene-d12	264	10.188	10.191	-0.003	96	242771	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.310	11.304	0.006	98	886486	120.0	138.1	M
109 Dibenz(a,h)anthracene	278	11.340	11.336	0.004	95	822723	120.0	125.6	
110 Benzo[g,h,i]perylene	276	11.597	11.587	0.010	95	860283	120.0	117.5	
S 117 Total Cresols	1				0			224.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:33:38 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D

Injection Date: 20-Aug-2020 22:07:30 Instrument ID: CBNAMS15 Operator ID:

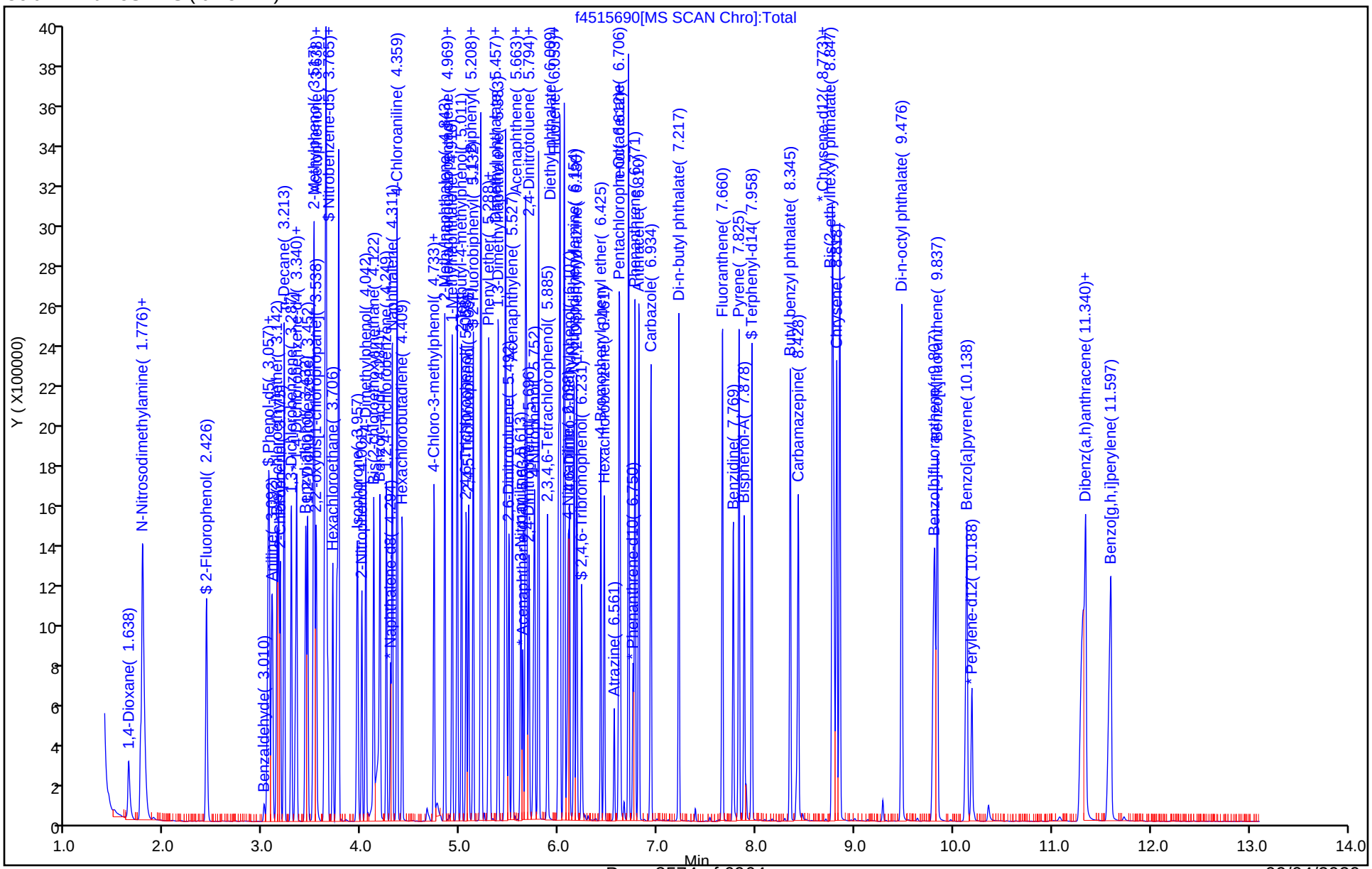
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

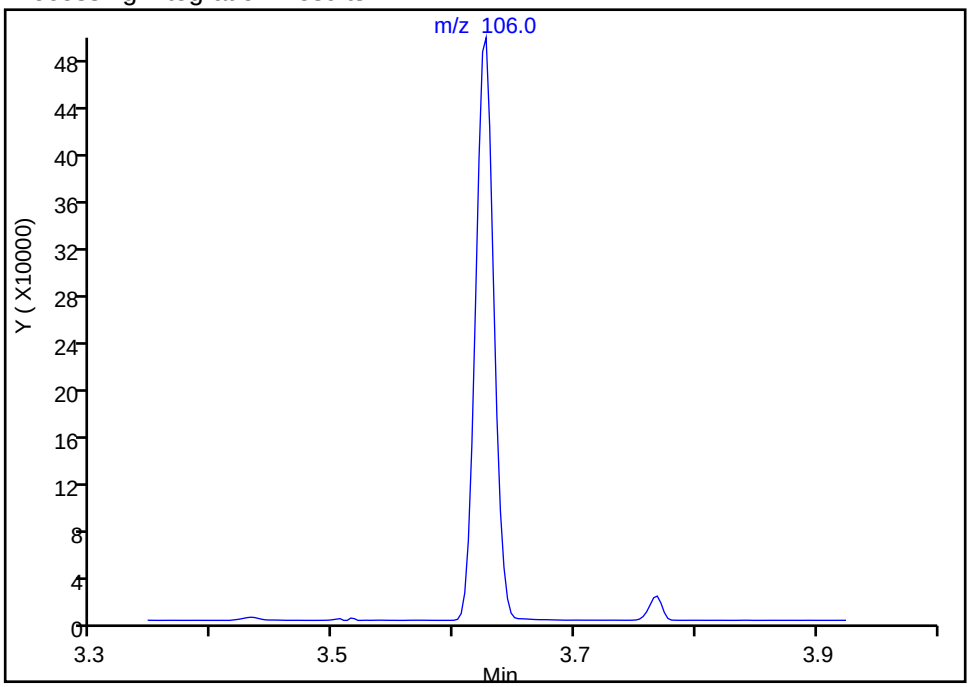
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D
Injection Date: 20-Aug-2020 22:07:30 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

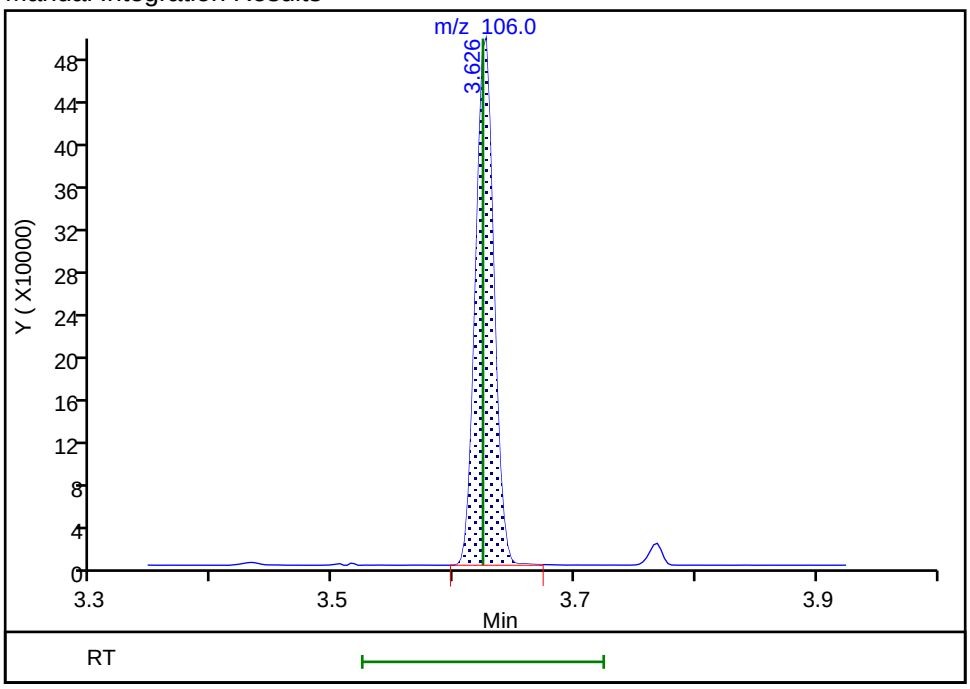
Not Detected
Expected RT: 3.62

Processing Integration Results



Manual Integration Results

RT: 3.63
Area: 521587
Amount: 118.0388
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:13:45
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

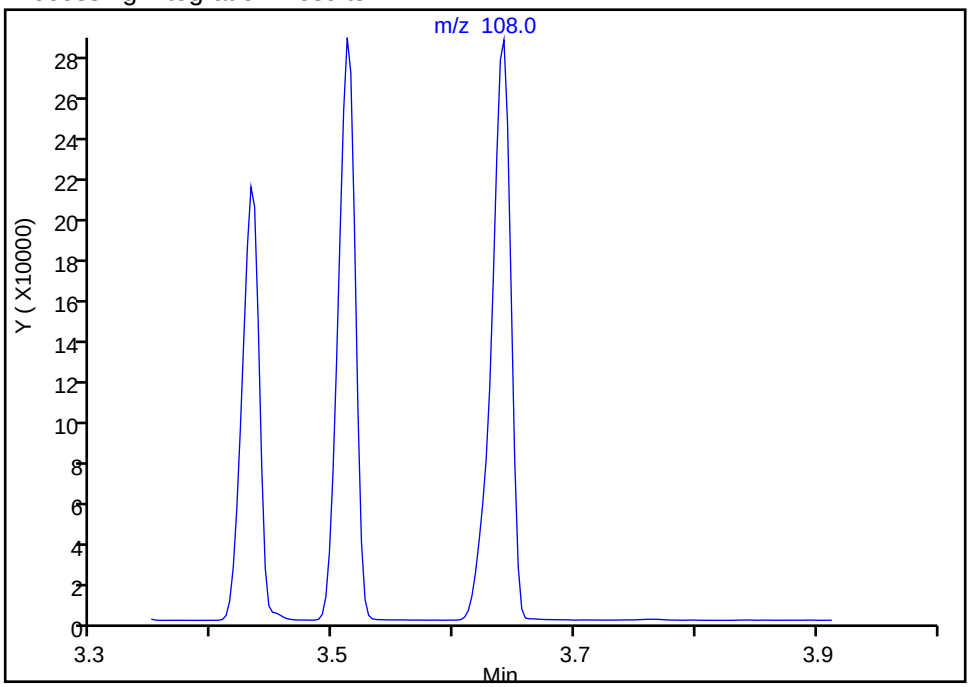
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D
Injection Date: 20-Aug-2020 22:07:30 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

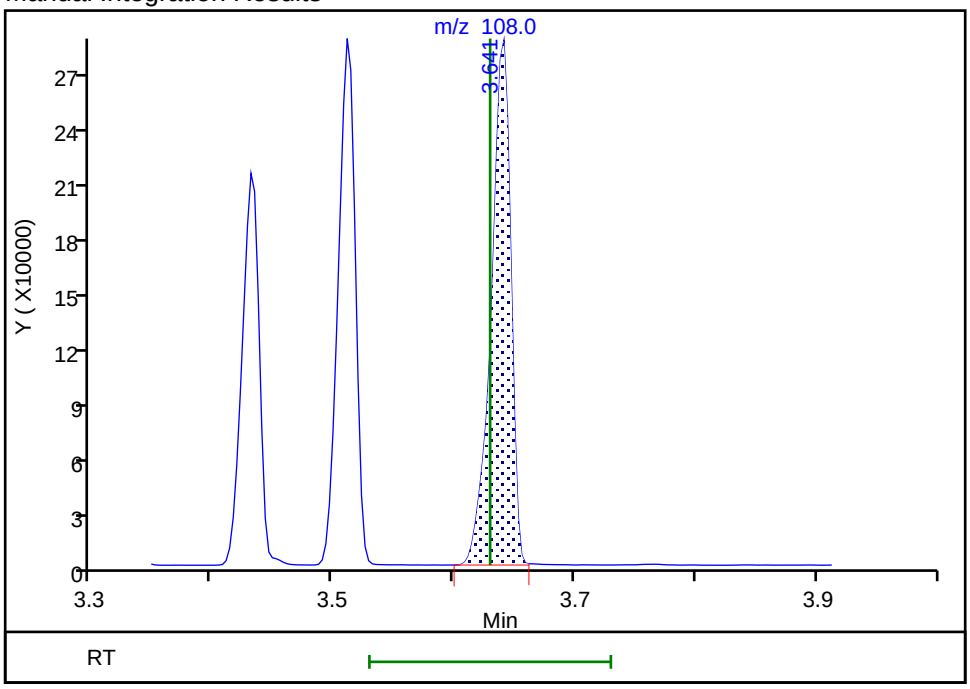
Not Detected
Expected RT: 3.63

Processing Integration Results



Manual Integration Results

RT: 3.64
Area: 315268
Amount: 111.1691
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:13:51
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

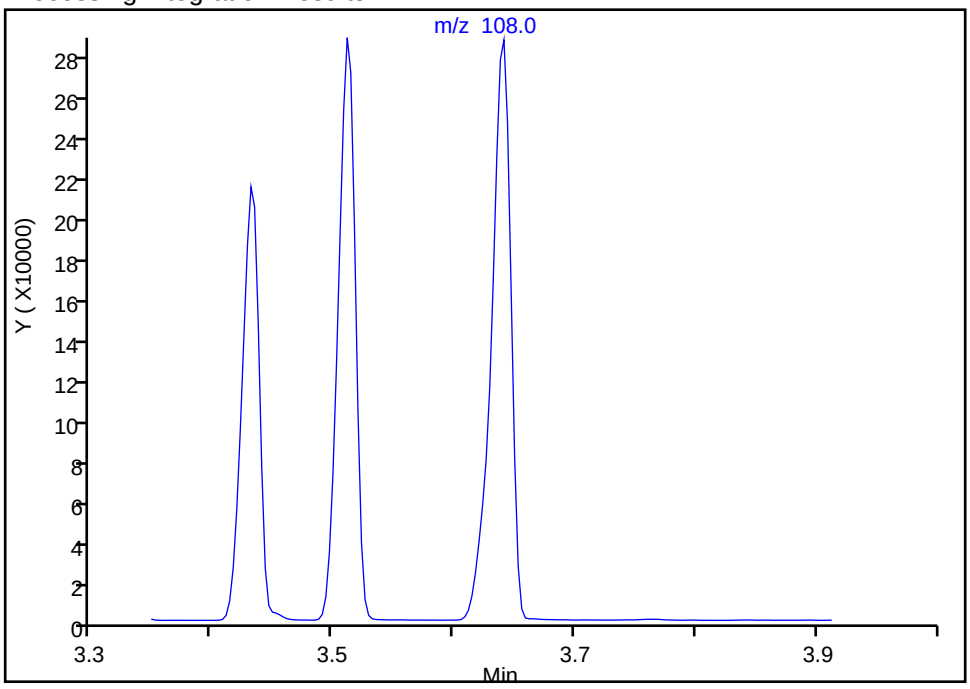
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D				
Injection Date:	20-Aug-2020 22:07:30	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 4-Methylphenol, CAS: 106-44-5

Signal: 1

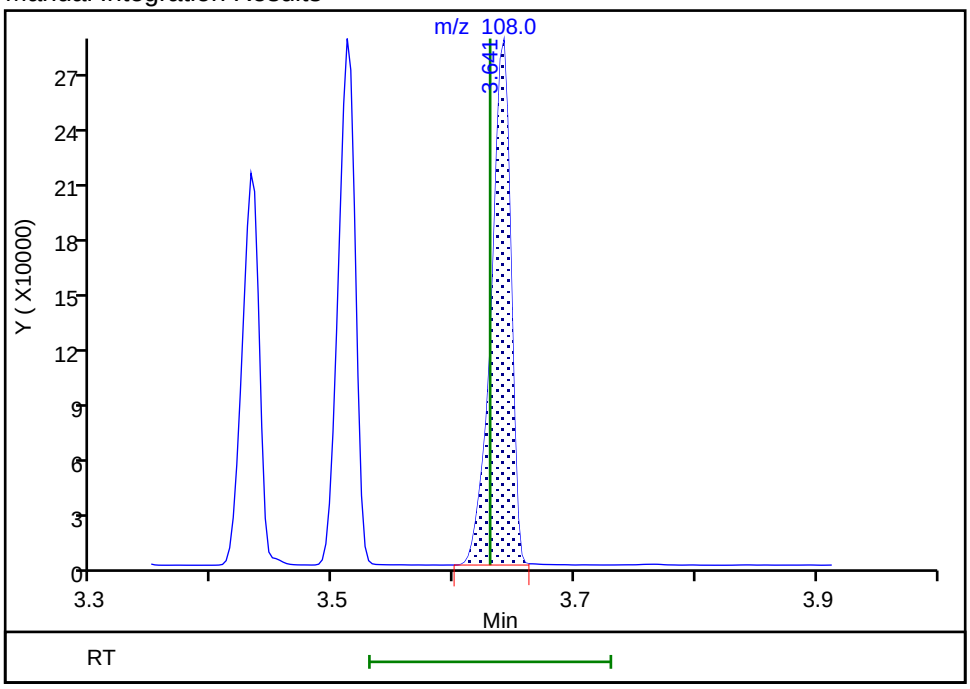
Not Detected
Expected RT: 3.63

Processing Integration Results



Manual Integration Results

RT: 3.64
Area: 315268
Amount: 111.1691
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:13:48
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

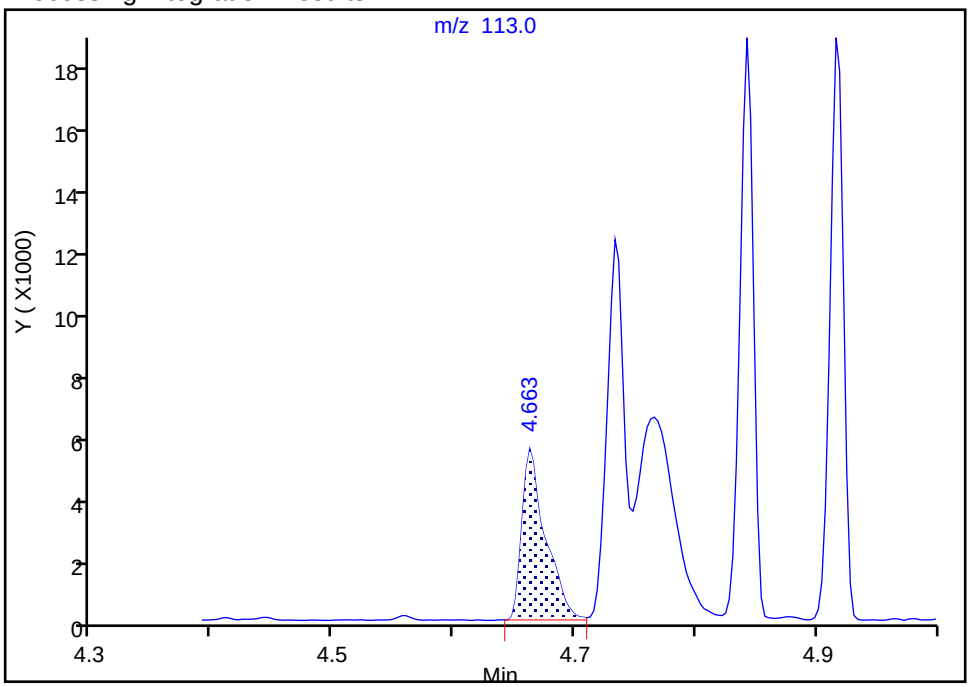
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D
Injection Date: 20-Aug-2020 22:07:30 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

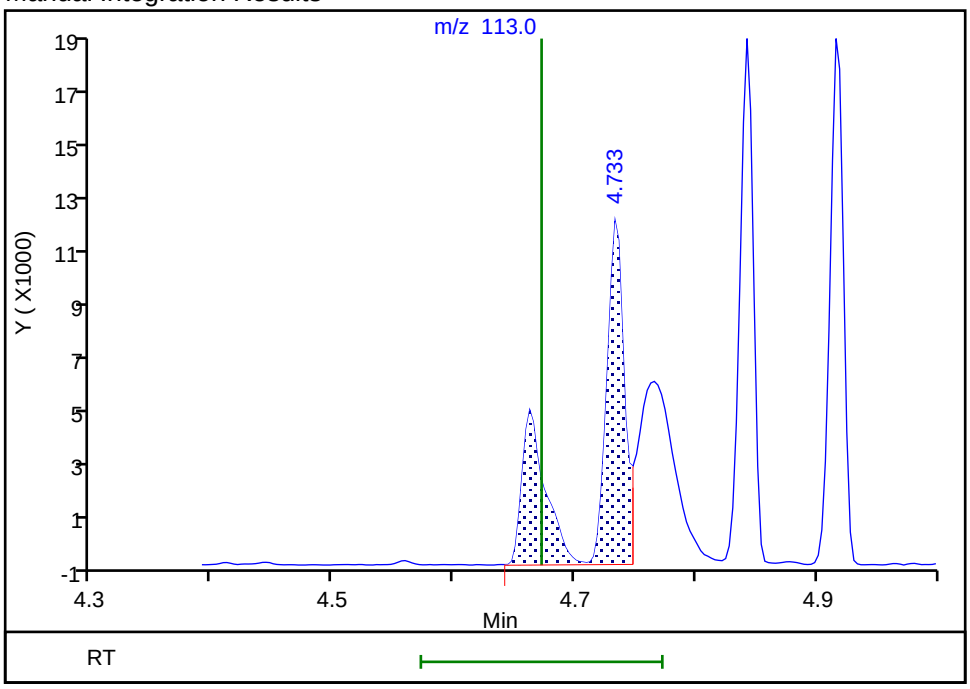
Processing Integration Results

RT: 4.66
Area: 7432
Amount: 10.783829
Amount Units: ug/ml



Manual Integration Results

RT: 4.73
Area: 20045
Amount: 28.206691
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:12:54
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

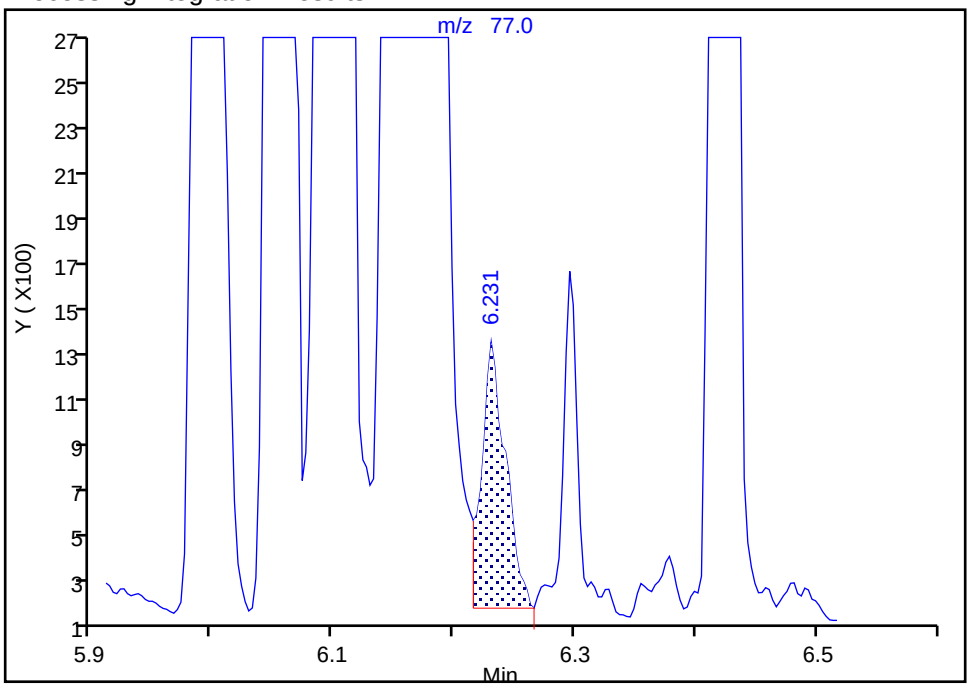
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D
Injection Date: 20-Aug-2020 22:07:30 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

75 1,2-Diphenylhydrazine, CAS: 122-66-7

Signal: 1

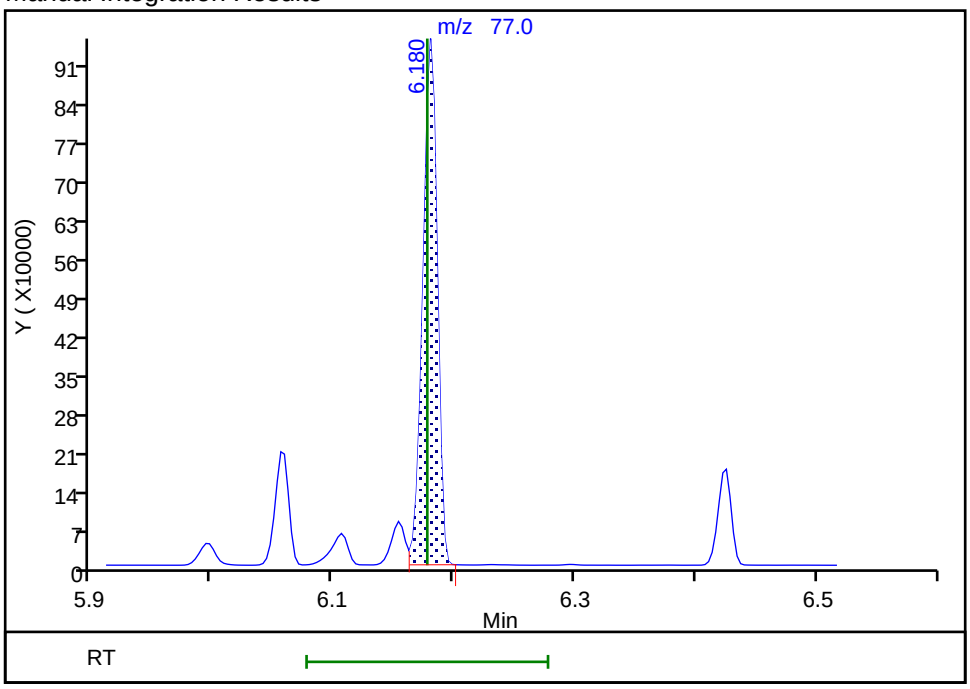
Processing Integration Results

RT: 6.23
Area: 1594
Amount: 0.273247
Amount Units: ug/ml



Manual Integration Results

RT: 6.18
Area: 789475
Amount: 113.9569
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:13:27
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

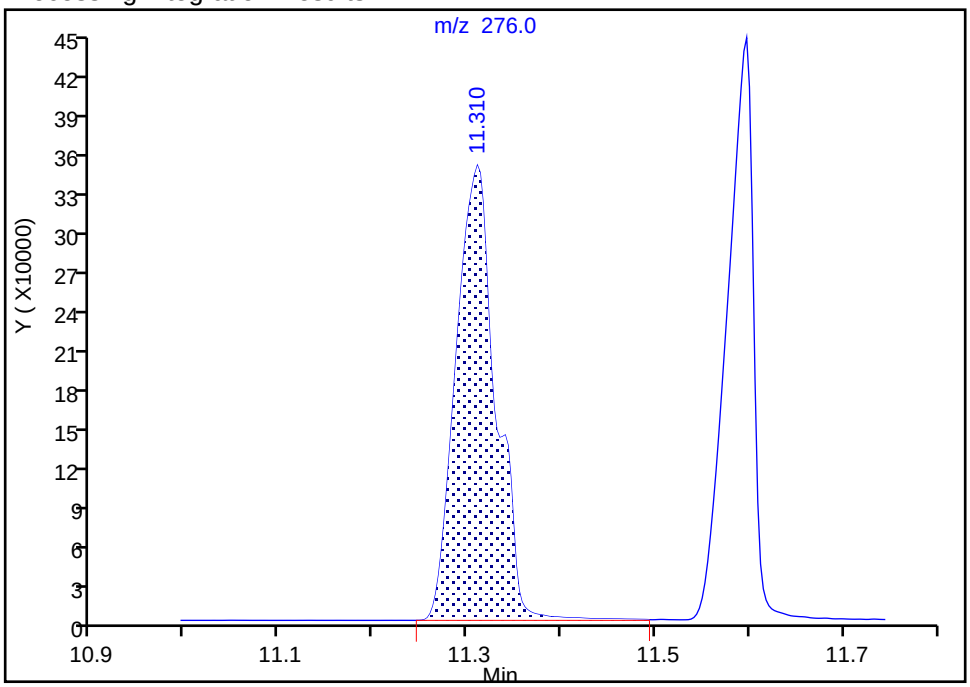
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515690.D				
Injection Date:	20-Aug-2020 22:07:30	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

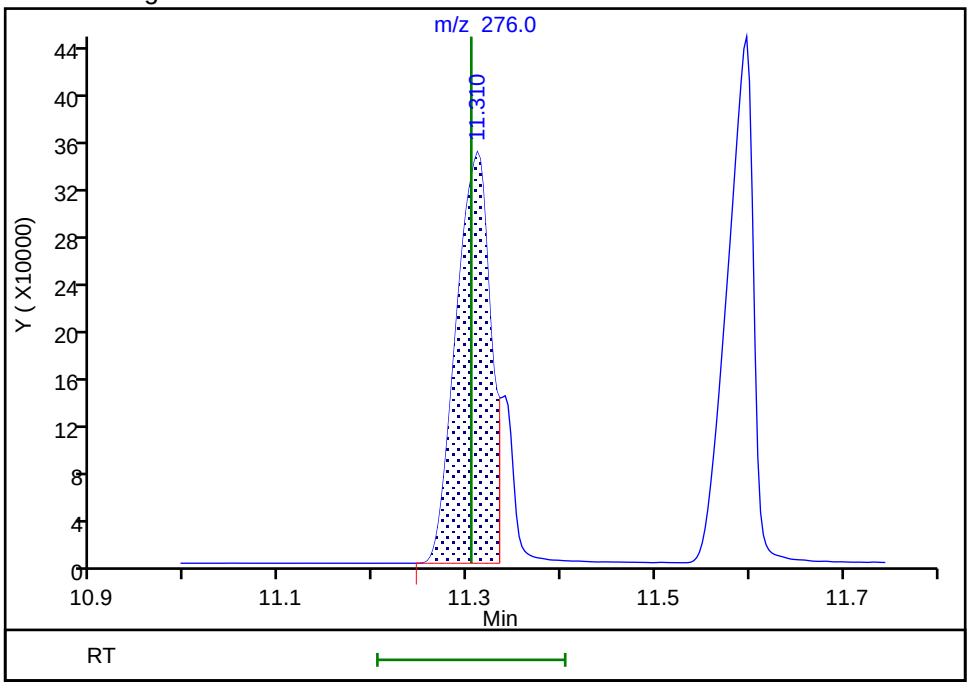
Processing Integration Results

RT: 11.31
Area: 1024352
Amount: 156.4626
Amount Units: ug/ml



Manual Integration Results

RT: 11.31
Area: 886486
Amount: 138.0972
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:13:14

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515691.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Aug-2020 22:24:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-004
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:47:29 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 14:52:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.629	1.638	-0.009	93	95280	80.0	80.9	
2 N-Nitrosodimethylamine	74	1.747	1.756	-0.009	78	137456	80.0	76.5	
3 Pyridine	79	1.767	1.777	-0.010	77	487420	160.0	153.5	
$ 5 2-Fluorophenol	112	2.411	2.424	-0.013	88	218488	80.0	79.6	
7 Benzaldehyde	77	2.998	3.012	-0.014	87	23808	24.0	8.93	
$ 8 Phenol-d5	99	3.036	3.044	-0.008	91	281306	80.0	78.5	
9 Phenol	94	3.045	3.056	-0.011	96	284487	80.0	77.0	
10 Aniline	93	3.075	3.089	-0.014	12	353089	80.0	77.8	a
11 Bis(2-chloroethyl)ether	93	3.125	3.136	-0.011	89	230518	80.0	76.3	
12 2-Chlorophenol	128	3.160	3.171	-0.011	63	203921	80.0	77.4	
13 n-Decane	43	3.202	3.213	-0.011	95	379766	80.0	77.3	
14 1,3-Dichlorobenzene	146	3.272	3.287	-0.015	90	215548	80.0	77.2	
* 15 1,4-Dichlorobenzene-d4	152	3.314	3.328	-0.014	97	71031	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.328	3.340	-0.012	89	219387	80.0	77.3	
17 Benzyl alcohol	108	3.417	3.429	-0.012	88	145347	80.0	77.6	
18 1,2-Dichlorobenzene	146	3.441	3.452	-0.011	86	204943	80.0	75.9	
19 2-Methylphenol	108	3.497	3.508	-0.011	81	192133	80.0	76.1	
20 2,2'-oxybis[1-chloropropane]	45	3.526	3.538	-0.012	56	485926	80.0	76.9	
130 N-Methylaniline	106	3.612	3.624	-0.012	0	354482	80.0	78.3	a
22 4-Methylphenol	108	3.624	3.630	-0.006	61	221546	80.0	76.2	
23 3 & 4 Methylphenol	108	3.624	3.630	-0.006	77	221546	80.0	76.2	
21 Acetophenone	105	3.624	3.633	-0.009	85	314139	80.0	74.8	
24 N-Nitrosodi-n-propylamine	70	3.629	3.639	-0.010	93	162583	80.0	76.8	
25 Hexachloroethane	117	3.694	3.706	-0.012	91	92803	80.0	76.5	
$ 26 Nitrobenzene-d5	82	3.736	3.745	-0.009	94	268190	80.0	80.4	
27 Nitrobenzene	123	3.750	3.760	-0.010	85	96566	80.0	78.2	
28 n,n'-Dimethylaniline	120	3.753	3.762	-0.009	81	313860	80.0	77.1	
29 Isophorone	82	3.939	3.946	-0.007	98	465368	80.0	77.3	
30 2-Nitrophenol	139	3.989	3.999	-0.010	75	95541	80.0	82.2	
31 2,4-Dimethylphenol	122	4.031	4.040	-0.009	87	179537	80.0	76.6	
32 Bis(2-chloroethoxy)methane	93	4.110	4.120	-0.010	94	290369	80.0	78.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.146	4.135	0.011	89	121011	80.0	82.0	
34 2,4-Dichlorophenol	162	4.175	4.182	-0.007	88	156113	80.0	78.9	
35 1,2,4-Trichlorobenzene	180	4.243	4.250	-0.007	94	168092	80.0	76.5	
* 36 Naphthalene-d8	136	4.284	4.291	-0.007	99	280949	40.0	40.0	
37 Naphthalene	128	4.302	4.309	-0.007	98	576145	80.0	76.7	
38 4-Chloroaniline	127	4.349	4.356	-0.007	86	240264	80.0	75.4	
39 Hexachlorobutadiene	225	4.403	4.409	-0.006	92	90378	80.0	78.2	
40 Caprolactam	113	4.689	4.672	0.017	86	13889	24.0	19.0	M
41 4-Chloro-3-methylphenol	107	4.727	4.734	-0.007	92	194215	80.0	79.2	
42 2-Methylnaphthalene	142	4.836	4.843	-0.007	83	381786	80.0	76.9	
43 1-Methylnaphthalene	142	4.910	4.917	-0.007	91	362049	80.0	77.6	
44 Hexachlorocyclopentadiene	237	4.960	4.967	-0.007	91	106002	80.0	82.9	
45 1,2,4,5-Tetrachlorobenzene	216	4.966	4.970	-0.004	94	157231	80.0	77.3	
46 2-tertbutyl-4-methylphenol	149	5.004	5.012	-0.008	84	237070	80.0	79.0	
47 2,4,6-Trichlorophenol	196	5.055	5.059	-0.004	84	108645	80.0	78.2	
48 2,4,5-Trichlorophenol	196	5.078	5.083	-0.005	90	119734	80.0	79.0	
$ 50 2-Fluorobiphenyl	172	5.126	5.130	-0.004	96	409841	80.0	78.9	
51 1,1'-Biphenyl	154	5.199	5.204	-0.005	97	444282	80.0	77.7	
52 2-Chloronaphthalene	162	5.208	5.213	-0.005	94	341044	80.0	76.9	
53 Phenyl ether	170	5.282	5.289	-0.007	88	236983	80.0	79.9	
54 2-Nitroaniline	65	5.291	5.295	-0.004	87	175297	80.0	82.2	
55 1,3-Dimethylnaphthalene	156	5.380	5.384	-0.004	89	272574	80.0	79.2	
56 Dimethyl phthalate	163	5.450	5.451	-0.001	91	392132	80.0	76.0	
57 Coumarin	146	5.447	5.451	-0.004	72	139866	80.0	78.0	
58 2,6-Dinitrotoluene	165	5.486	5.487	-0.001	67	87762	80.0	87.9	
59 Acenaphthylene	152	5.524	5.525	-0.001	96	545335	80.0	77.9	
60 3-Nitroaniline	138	5.607	5.608	-0.001	89	102307	80.0	82.1	
* 61 Acenaphthene-d10	164	5.630	5.634	-0.004	80	139792	40.0	40.0	
62 Acenaphthene	154	5.657	5.661	-0.004	96	324468	80.0	77.7	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.669	5.670	-0.001	92	280385	80.0	79.2	
64 2,4-Dinitrophenol	184	5.689	5.688	0.001	56	83442	160.0	173.3	
65 4-Nitrophenol	65	5.743	5.741	0.002	95	222758	160.0	164.8	
67 2,4-Dinitrotoluene	165	5.787	5.788	-0.001	68	113963	80.0	81.1	
66 Dibenzofuran	168	5.790	5.791	-0.001	90	474577	80.0	77.3	
68 2,3,4,6-Tetrachlorophenol	232	5.878	5.882	-0.004	88	91282	80.0	80.9	
69 Diethyl phthalate	149	5.988	5.992	-0.004	96	428377	80.0	77.4	
70 Fluorene	166	6.047	6.051	-0.004	82	387221	80.0	76.6	
71 4-Chlorophenyl phenyl ether	204	6.056	6.060	-0.004	79	171688	80.0	77.2	
72 4-Nitroaniline	138	6.079	6.077	0.002	56	101615	80.0	78.9	
73 4,6-Dinitro-2-methylphenol	198	6.097	6.095	0.002	65	106362	160.0	174.7	
74 N-Nitrosodiphenylamine	169	6.147	6.148	-0.001	20	285350	80.0	77.3	
75 1,2-Diphenylhydrazine	77	6.177	6.178	-0.001	56	540732	80.0	77.1	
$ 76 2,4,6-Tribromophenol	330	6.227	6.228	-0.001	94	69952	80.0	84.4	
77 4-Bromophenyl phenyl ether	248	6.422	6.426	-0.004	77	105715	80.0	79.0	
78 Hexachlorobenzene	284	6.454	6.458	-0.004	96	128939	80.0	77.9	
79 Atrazine	200	6.558	6.558	0.000	80	32547	24.0	24.2	
80 Pentachlorophenol	266	6.608	6.609	-0.001	88	148983	160.0	166.6	
81 Pentachloronitrobenzene	237	6.617	6.620	-0.003	83	48957	80.0	81.2	
82 n-Octadecane	57	6.702	6.706	-0.004	91	490222	80.0	78.9	
* 83 Phenanthrene-d10	188	6.747	6.750	-0.003	99	248206	40.0	40.0	
84 Phenanthrene	178	6.767	6.771	-0.004	99	571107	80.0	77.1	
85 Anthracene	178	6.806	6.809	-0.003	96	593052	80.0	77.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.930	6.930	0.000	83	549402	80.0	77.3	
88 Di-n-butyl phthalate	149	7.213	7.217	-0.004	99	735863	80.0	77.6	
89 Fluoranthene	202	7.656	7.657	-0.001	96	597539	80.0	77.2	
90 Benzidine	184	7.765	7.769	-0.004	99	309372	80.0	85.3	
91 Pyrene	202	7.824	7.825	-0.001	96	612633	80.0	77.2	
92 Bisphenol-A	213	7.877	7.878	-0.001	96	269718	80.0	87.9	
$ 93 Terphenyl-d14	244	7.954	7.958	-0.004	99	434818	80.0	80.7	
95 Butyl benzyl phthalate	149	8.344	8.348	-0.004	95	319541	80.0	83.1	
97 Carbamazepine	193	8.421	8.422	-0.001	91	280545	80.0	86.5	
99 3,3'-Dichlorobenzidine	252	8.769	8.770	-0.001	94	222536	80.0	82.0	
100 Benzo[a]anthracene	228	8.778	8.782	-0.004	100	568660	80.0	78.6	
* 98 Chrysene-d12	240	8.790	8.791	-0.001	98	209924	40.0	40.0	
101 Chrysene	228	8.813	8.814	-0.001	95	559798	80.0	78.9	
102 Bis(2-ethylhexyl) phthalate	149	8.846	8.853	-0.007	79	478597	80.0	79.3	
103 Di-n-octyl phthalate	149	9.475	9.479	-0.004	96	829810	80.0	81.3	
104 Benzo[b]fluoranthene	252	9.802	9.804	-0.002	98	577680	80.0	80.3	
105 Benzo[k]fluoranthene	252	9.832	9.833	-0.001	99	606256	80.0	81.0	
106 Benzo[a]pyrene	252	10.130	10.135	-0.005	96	514384	80.0	82.4	
* 107 Perylene-d12	264	10.186	10.191	-0.005	97	245155	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.302	11.304	-0.002	95	580104	80.0	89.5	M
109 Dibenz(a,h)anthracene	278	11.332	11.336	-0.004	95	578951	80.0	87.5	
110 Benzo[g,h,i]perylene	276	11.586	11.587	-0.001	96	586823	80.0	79.4	
S 117 Total Cresols	1				0			152.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:47:30 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515691.D

Injection Date: 20-Aug-2020 22:24:30 Instrument ID: CBNAMS15 Operator ID:

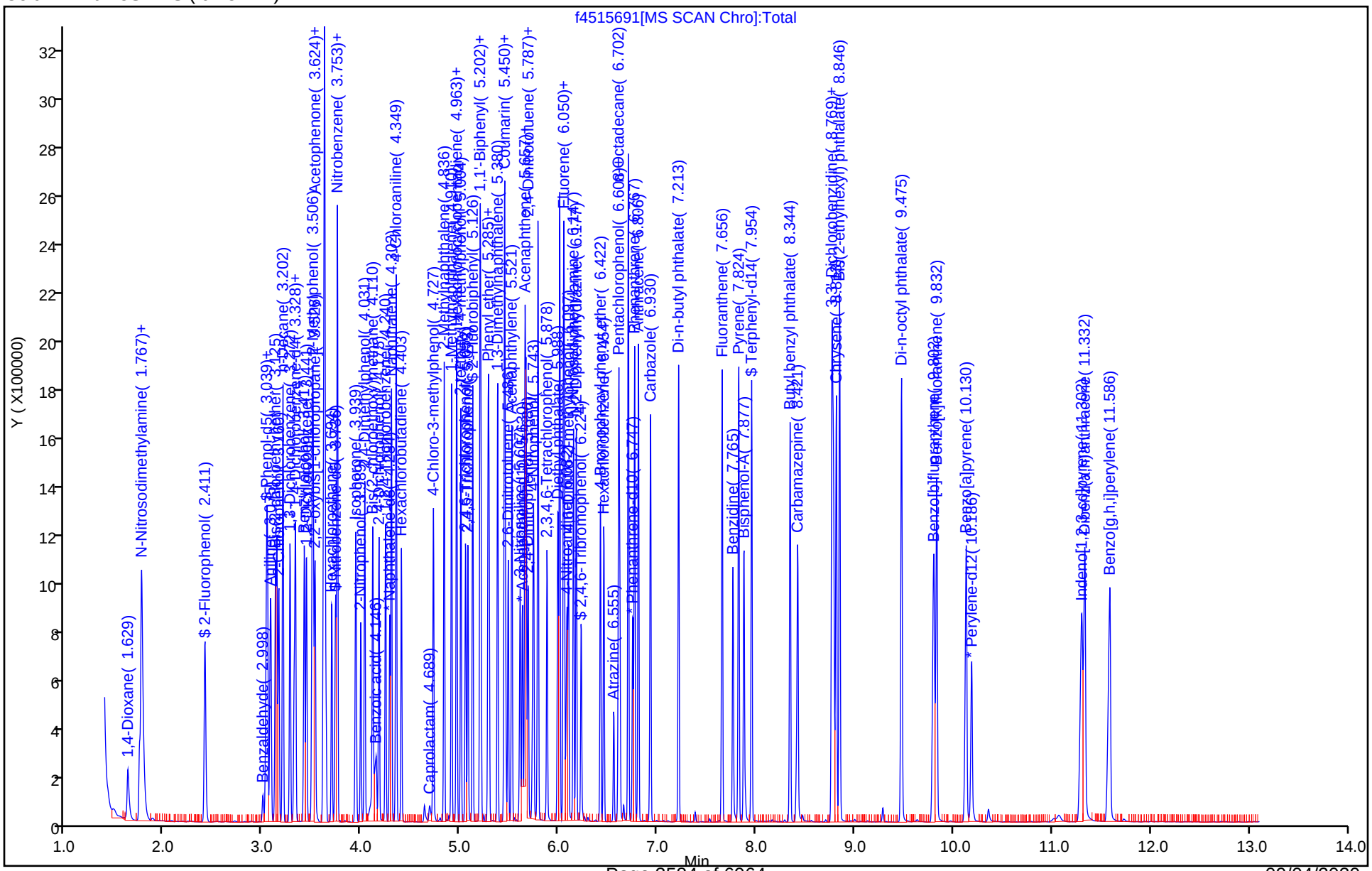
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

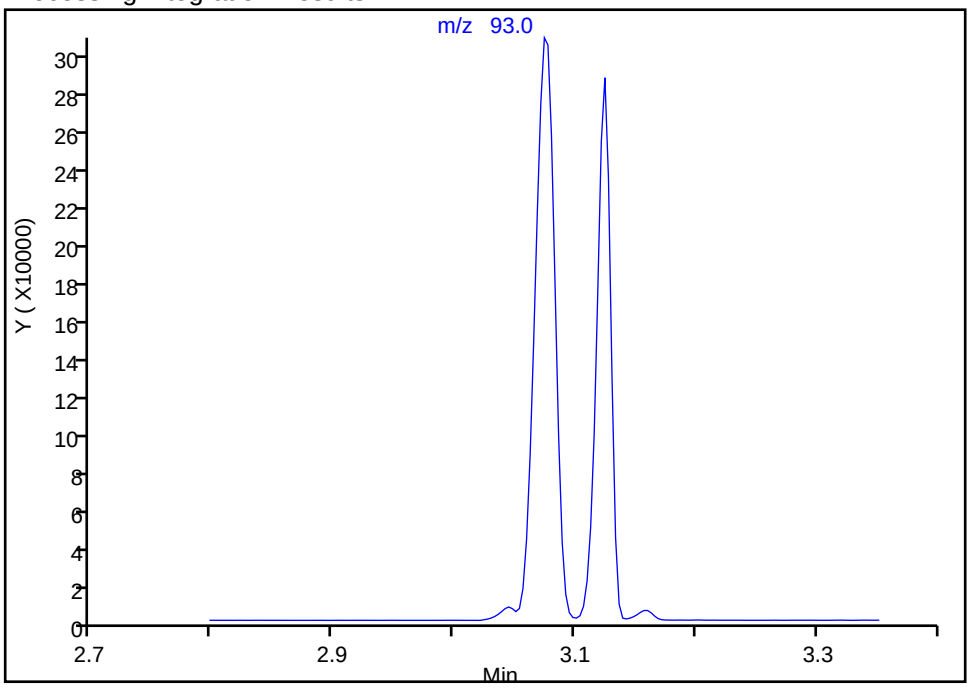
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515691.D
Injection Date: 20-Aug-2020 22:24:30 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

10 Aniline, CAS: 62-53-3

Signal: 1

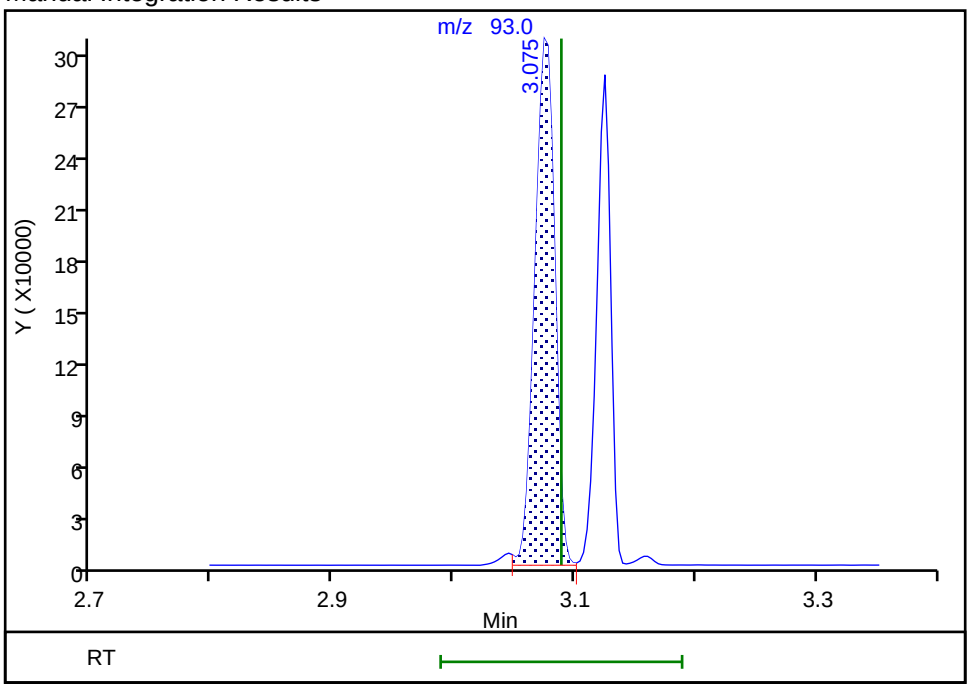
Not Detected
Expected RT: 3.09

Processing Integration Results



Manual Integration Results

RT: 3.07
Area: 353089
Amount: 77.845040
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 14:50:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

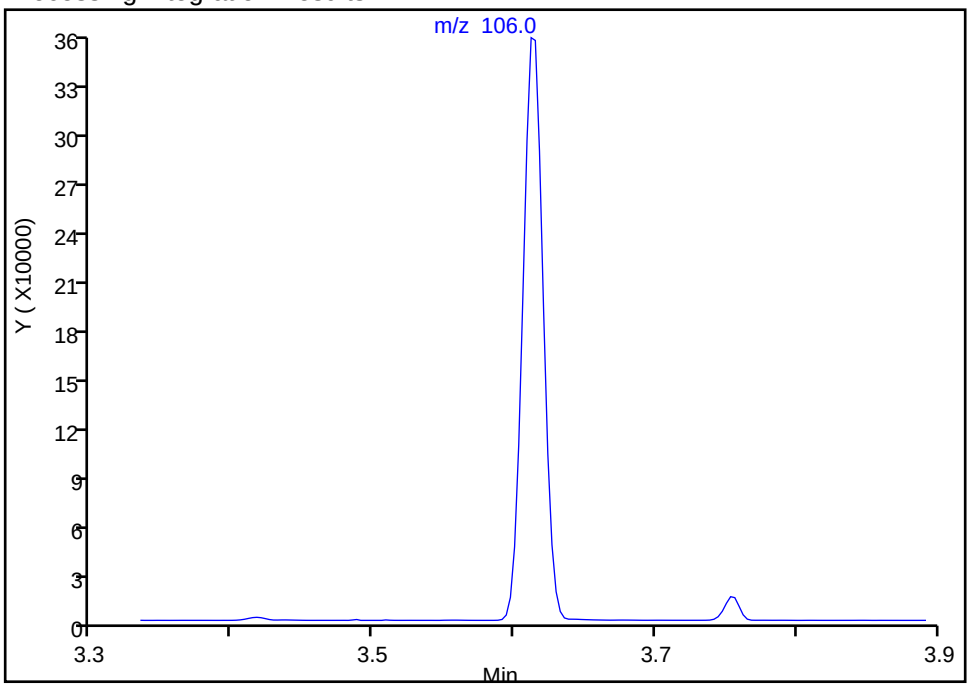
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515691.D
Injection Date: 20-Aug-2020 22:24:30 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

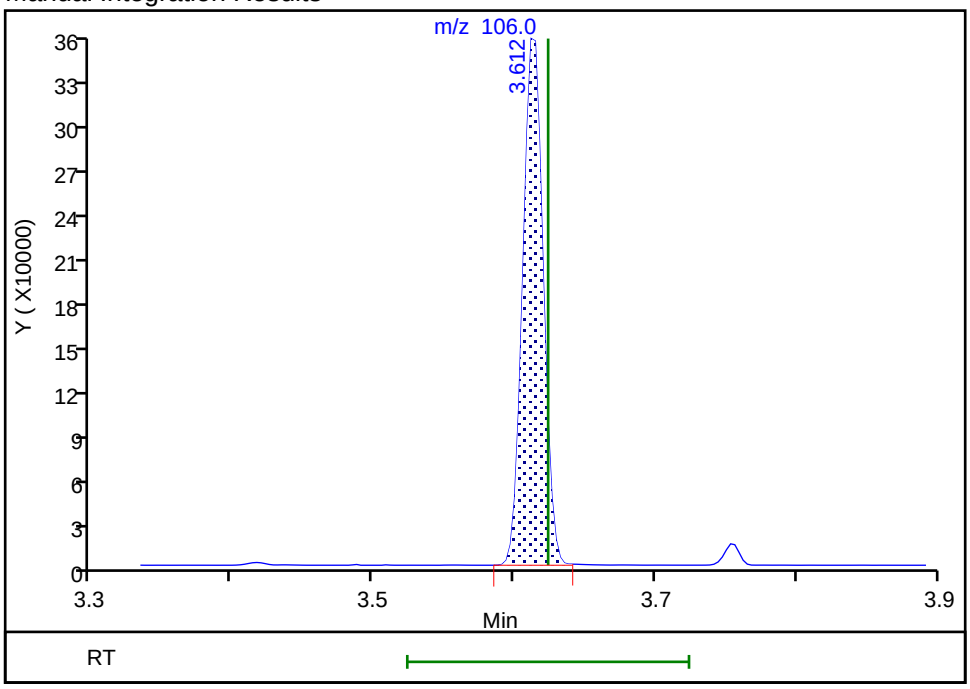
Not Detected
Expected RT: 3.62

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 354482
Amount: 78.288243
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 14:50:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

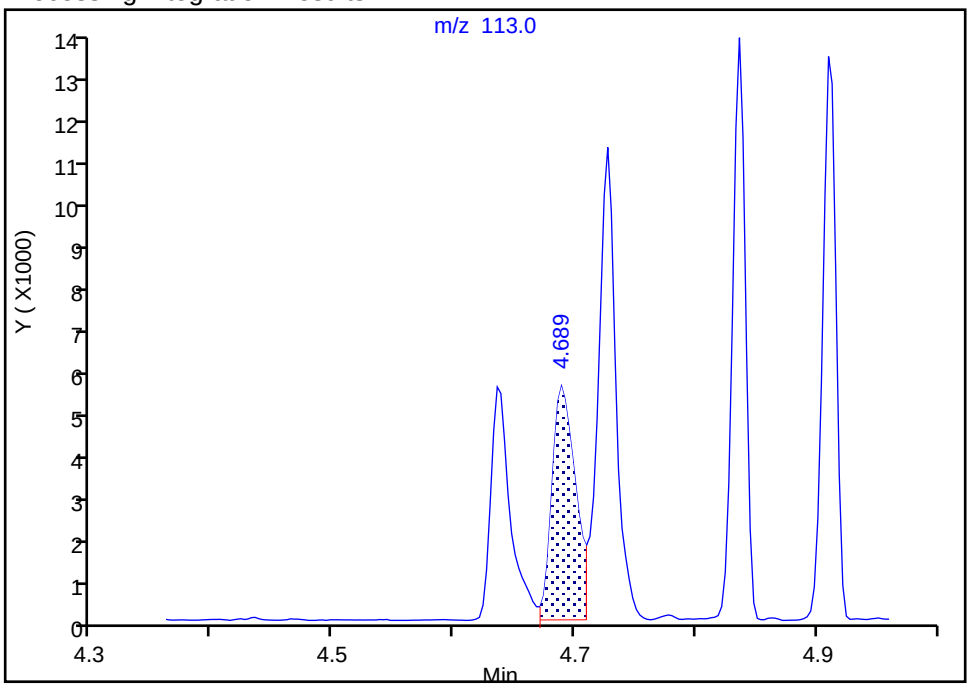
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515691.D
Injection Date: 20-Aug-2020 22:24:30 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

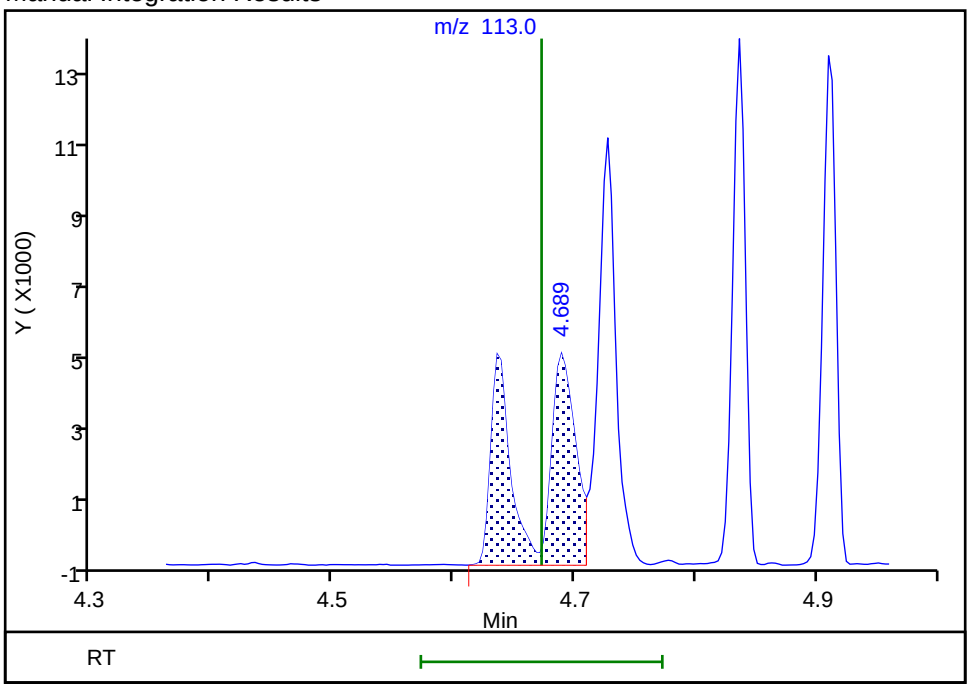
Processing Integration Results

RT: 4.69
Area: 7601
Amount: 12.280436
Amount Units: ug/ml



Manual Integration Results

RT: 4.69
Area: 13889
Amount: 18.958983
Amount Units: ug/ml



Reviewer: johnstonm1, 21-Aug-2020 06:14:24
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

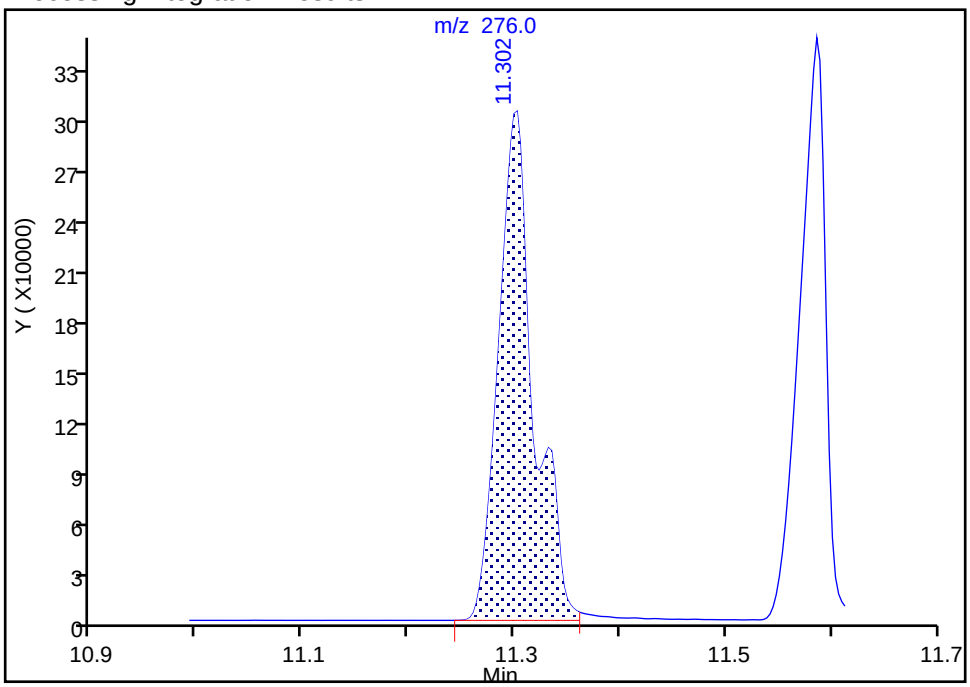
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515691.D				
Injection Date:	20-Aug-2020 22:24:30	Instrument ID:	CBNAMS15		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

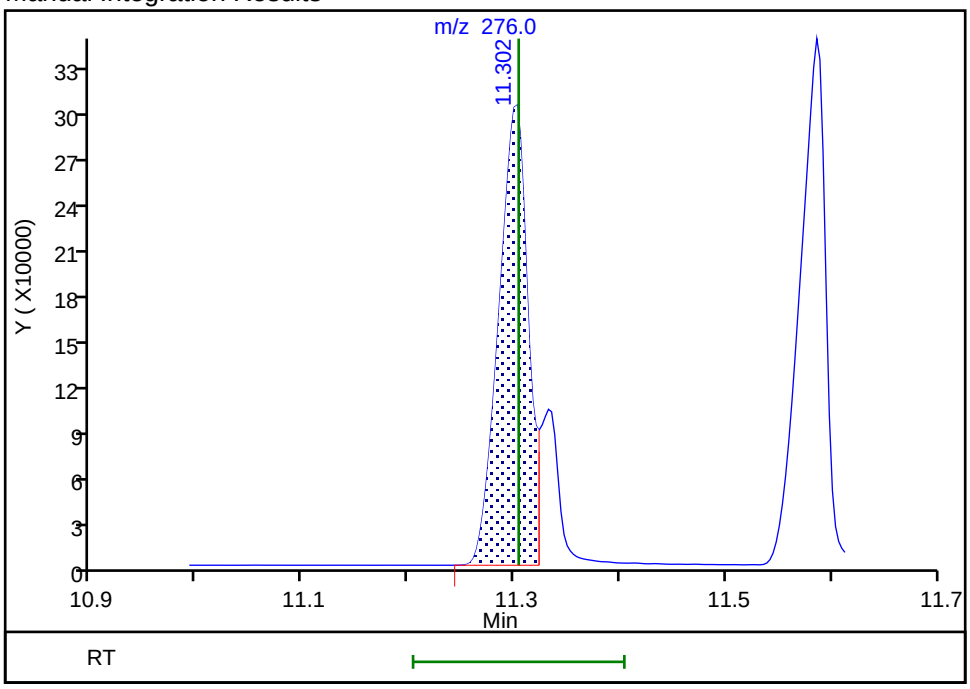
Processing Integration Results

RT: 11.30
Area: 691203
Amount: 90.142043
Amount Units: ug/ml



Manual Integration Results

RT: 11.30
Area: 580104
Amount: 89.490071
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 14:52:28

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515692.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Aug-2020 22:41:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-005
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:47:42 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 14:55:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.626	1.638	-0.012	92	24734	20.0	21.2	
2 N-Nitrosodimethylamine	74	1.744	1.756	-0.012	77	35018	20.0	19.7	
3 Pyridine	79	1.764	1.777	-0.013	78	127082	40.0	40.4	
$ 5 2-Fluorophenol	112	2.407	2.424	-0.017	88	51761	20.0	19.0	
7 Benzaldehyde	77	2.994	3.012	-0.018	91	36787	16.0	13.9	
$ 8 Phenol-d5	99	3.023	3.044	-0.021	90	67717	20.0	19.1	
9 Phenol	94	3.035	3.056	-0.021	91	73882	20.0	20.2	
10 Aniline	93	3.067	3.089	-0.022	91	88822	20.0	19.8	
11 Bis(2-chloroethyl)ether	93	3.115	3.136	-0.022	89	60233	20.0	20.1	
12 2-Chlorophenol	128	3.150	3.171	-0.021	71	52443	20.0	20.1	
13 n-Decane	43	3.197	3.213	-0.016	96	99938	20.0	20.5	
14 1,3-Dichlorobenzene	146	3.268	3.287	-0.019	89	55207	20.0	20.0	
* 15 1,4-Dichlorobenzene-d4	152	3.312	3.328	-0.016	97	70319	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.324	3.340	-0.016	81	56850	20.0	20.2	
17 Benzyl alcohol	108	3.409	3.429	-0.020	88	37389	20.0	20.2	
18 1,2-Dichlorobenzene	146	3.436	3.452	-0.016	87	53704	20.0	20.1	
19 2-Methylphenol	108	3.489	3.508	-0.019	82	50282	20.0	20.1	
20 2,2'-oxybis[1-chloropropane]	45	3.522	3.538	-0.016	55	125704	20.0	20.1	
130 N-Methylaniline	106	3.607	3.624	-0.017	0	91692	20.0	20.5	
22 4-Methylphenol	108	3.610	3.630	-0.020	72	58837	20.0	20.5	
23 3 & 4 Methylphenol	108	3.610	3.630	-0.020	94	58837	20.0	20.5	
21 Acetophenone	105	3.613	3.633	-0.020	81	83974	20.0	20.2	
24 N-Nitrosodi-n-propylamine	70	3.619	3.639	-0.020	93	42614	20.0	20.3	
25 Hexachloroethane	117	3.693	3.706	-0.013	92	24757	20.0	20.6	
$ 26 Nitrobenzene-d5	82	3.725	3.745	-0.020	93	63273	20.0	19.1	
27 Nitrobenzene	123	3.740	3.760	-0.020	86	25283	20.0	20.7	
28 n,n'-Dimethylaniline	120	3.746	3.762	-0.016	81	81244	20.0	20.1	
29 Isophorone	82	3.929	3.946	-0.017	98	121737	20.0	20.3	
30 2-Nitrophenol	139	3.985	3.999	-0.014	74	22405	20.0	19.4	
31 2,4-Dimethylphenol	122	4.023	4.040	-0.017	87	47278	20.0	20.3	
32 Bis(2-chloroethoxy)methane	93	4.106	4.120	-0.014	89	73323	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.088	4.135	-0.047	81	25349	20.0	19.0	
34 2,4-Dichlorophenol	162	4.168	4.182	-0.014	88	39909	20.0	20.3	
35 1,2,4-Trichlorobenzene	180	4.238	4.250	-0.012	94	43601	20.0	19.9	
* 36 Naphthalene-d8	136	4.280	4.291	-0.011	99	279507	40.0	40.0	
37 Naphthalene	128	4.294	4.309	-0.015	97	149866	20.0	20.1	
38 4-Chloroaniline	127	4.342	4.356	-0.014	87	64876	20.0	20.5	
39 Hexachlorobutadiene	225	4.398	4.409	-0.011	90	22839	20.0	19.9	
40 Caprolactam	113	4.601	4.672	-0.071	87	12508	16.0	17.2	
41 4-Chloro-3-methylphenol	107	4.719	4.734	-0.015	90	49324	20.0	20.2	
42 2-Methylnaphthalene	142	4.831	4.843	-0.012	81	97945	20.0	19.8	
43 1-Methylnaphthalene	142	4.905	4.917	-0.012	89	93131	20.0	20.1	
44 Hexachlorocyclopentadiene	237	4.955	4.967	-0.012	81	25383	20.0	19.4	
45 1,2,4,5-Tetrachlorobenzene	216	4.958	4.970	-0.012	92	40086	20.0	19.3	
46 2-tertbutyl-4-methylphenol	149	5.000	5.012	-0.012	84	59115	20.0	19.8	
47 2,4,6-Trichlorophenol	196	5.047	5.059	-0.012	82	27251	20.0	19.2	
48 2,4,5-Trichlorophenol	196	5.073	5.083	-0.010	88	31350	20.0	20.2	
$ 50 2-Fluorobiphenyl	172	5.121	5.130	-0.009	97	101166	20.0	19.1	
51 1,1'-Biphenyl	154	5.194	5.204	-0.010	97	118487	20.0	20.3	
52 2-Chloronaphthalene	162	5.203	5.213	-0.010	95	88981	20.0	19.6	
53 Phenyl ether	170	5.277	5.289	-0.012	87	60410	20.0	19.9	
54 2-Nitroaniline	65	5.283	5.295	-0.012	85	42760	20.0	19.6	
55 1,3-Dimethylnaphthalene	156	5.371	5.384	-0.013	89	70856	20.0	20.2	
56 Dimethyl phthalate	163	5.436	5.451	-0.015	93	105660	20.0	20.0	
57 Coumarin	146	5.439	5.451	-0.012	74	36448	20.0	20.4	
58 2,6-Dinitrotoluene	165	5.475	5.487	-0.012	67	21935	20.0	21.5	
59 Acenaphthylene	152	5.516	5.525	-0.009	97	142605	20.0	19.9	
60 3-Nitroaniline	138	5.596	5.608	-0.012	89	25336	20.0	19.9	
* 61 Acenaphthene-d10	164	5.625	5.634	-0.009	95	142812	40.0	40.0	
62 Acenaphthene	154	5.649	5.661	-0.012	92	84331	20.0	19.8	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.661	5.670	-0.009	93	71422	20.0	19.7	
64 2,4-Dinitrophenol	184	5.675	5.688	-0.013	58	17770	40.0	37.9	
65 4-Nitrophenol	65	5.726	5.741	-0.015	96	54812	40.0	39.7	
67 2,4-Dinitrotoluene	165	5.776	5.788	-0.012	78	27765	20.0	19.7	
66 Dibenzofuran	168	5.782	5.791	-0.009	90	124077	20.0	19.8	
68 2,3,4,6-Tetrachlorophenol	232	5.873	5.882	-0.009	88	23177	20.0	20.1	
69 Diethyl phthalate	149	5.977	5.992	-0.015	96	111435	20.0	19.7	
70 Fluorene	166	6.039	6.051	-0.012	83	103800	20.0	20.1	
71 4-Chlorophenyl phenyl ether	204	6.050	6.060	-0.010	77	45104	20.0	19.8	
72 4-Nitroaniline	138	6.056	6.077	-0.021	94	26514	20.0	20.2	
73 4,6-Dinitro-2-methylphenol	198	6.080	6.095	-0.015	43	22649	40.0	38.0	
74 N-Nitrosodiphenylamine	169	6.139	6.148	-0.009	26	76671	20.0	20.4	
75 1,2-Diphenylhydrazine	77	6.168	6.178	-0.010	67	140990	20.0	19.7	
$ 76 2,4,6-Tribromophenol	330	6.219	6.228	-0.009	94	16475	20.0	19.5	
77 4-Bromophenyl phenyl ether	248	6.416	6.426	-0.010	78	27631	20.0	20.3	
78 Hexachlorobenzene	284	6.449	6.458	-0.009	93	31964	20.0	19.0	
79 Atrazine	200	6.549	6.558	-0.009	79	22425	16.0	16.4	
80 Pentachlorophenol	266	6.599	6.609	-0.010	85	36080	40.0	39.6	
81 Pentachloronitrobenzene	237	6.611	6.620	-0.009	84	12133	20.0	19.8	
82 n-Octadecane	57	6.700	6.706	-0.006	91	125663	20.0	19.9	
* 83 Phenanthrene-d10	188	6.744	6.750	-0.006	99	252589	40.0	40.0	
84 Phenanthrene	178	6.759	6.771	-0.012	99	151069	20.0	20.0	
85 Anthracene	178	6.797	6.809	-0.012	97	154307	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.921	6.930	-0.009	83	144954	20.0	20.0	
88 Di-n-butyl phthalate	149	7.207	7.217	-0.010	99	191987	20.0	19.9	
89 Fluoranthene	202	7.647	7.657	-0.010	96	155437	20.0	19.7	
90 Benzidine	184	7.759	7.769	-0.010	99	66501	20.0	18.0	
91 Pyrene	202	7.815	7.825	-0.010	96	161547	20.0	20.1	
92 Bisphenol-A	213	7.869	7.878	-0.009	96	62455	20.0	20.1	
$ 93 Terphenyl-d14	244	7.948	7.958	-0.010	99	105070	20.0	19.2	
95 Butyl benzyl phthalate	149	8.338	8.348	-0.010	95	78000	20.0	20.0	
97 Carbamazepine	193	8.406	8.422	-0.016	92	66981	20.0	20.4	
99 3,3'-Dichlorobenzidine	252	8.757	8.770	-0.013	98	56213	20.0	20.4	
100 Benzo[a]anthracene	228	8.769	8.782	-0.013	100	147588	20.0	20.1	
* 98 Chrysene-d12	240	8.780	8.791	-0.011	98	212815	40.0	40.0	
101 Chrysene	228	8.801	8.814	-0.013	94	146971	20.0	20.4	
102 Bis(2-ethylhexyl) phthalate	149	8.840	8.853	-0.013	87	122828	20.0	20.1	
103 Di-n-octyl phthalate	149	9.465	9.479	-0.014	95	202968	20.0	20.1	
104 Benzo[b]fluoranthene	252	9.787	9.804	-0.017	97	142428	20.0	20.0	
105 Benzo[k]fluoranthene	252	9.813	9.833	-0.020	95	157140	20.0	21.2	
106 Benzo[a]pyrene	252	10.114	10.135	-0.021	95	128845	20.0	20.8	
* 107 Perylene-d12	264	10.176	10.191	-0.015	97	242879	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.280	11.304	-0.024	98	141691	20.0	22.1	
109 Dibenz(a,h)anthracene	278	11.310	11.336	-0.026	94	142488	20.0	21.7	
110 Benzo[g,h,i]perylene	276	11.558	11.587	-0.029	95	147681	20.0	20.2	
S 117 Total Cresols	1				0			40.6	

Reagents:

SV_BNA_L6_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:47:43 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515692.D

Injection Date: 20-Aug-2020 22:41:30 Instrument ID: CBNAMS15 Operator ID:

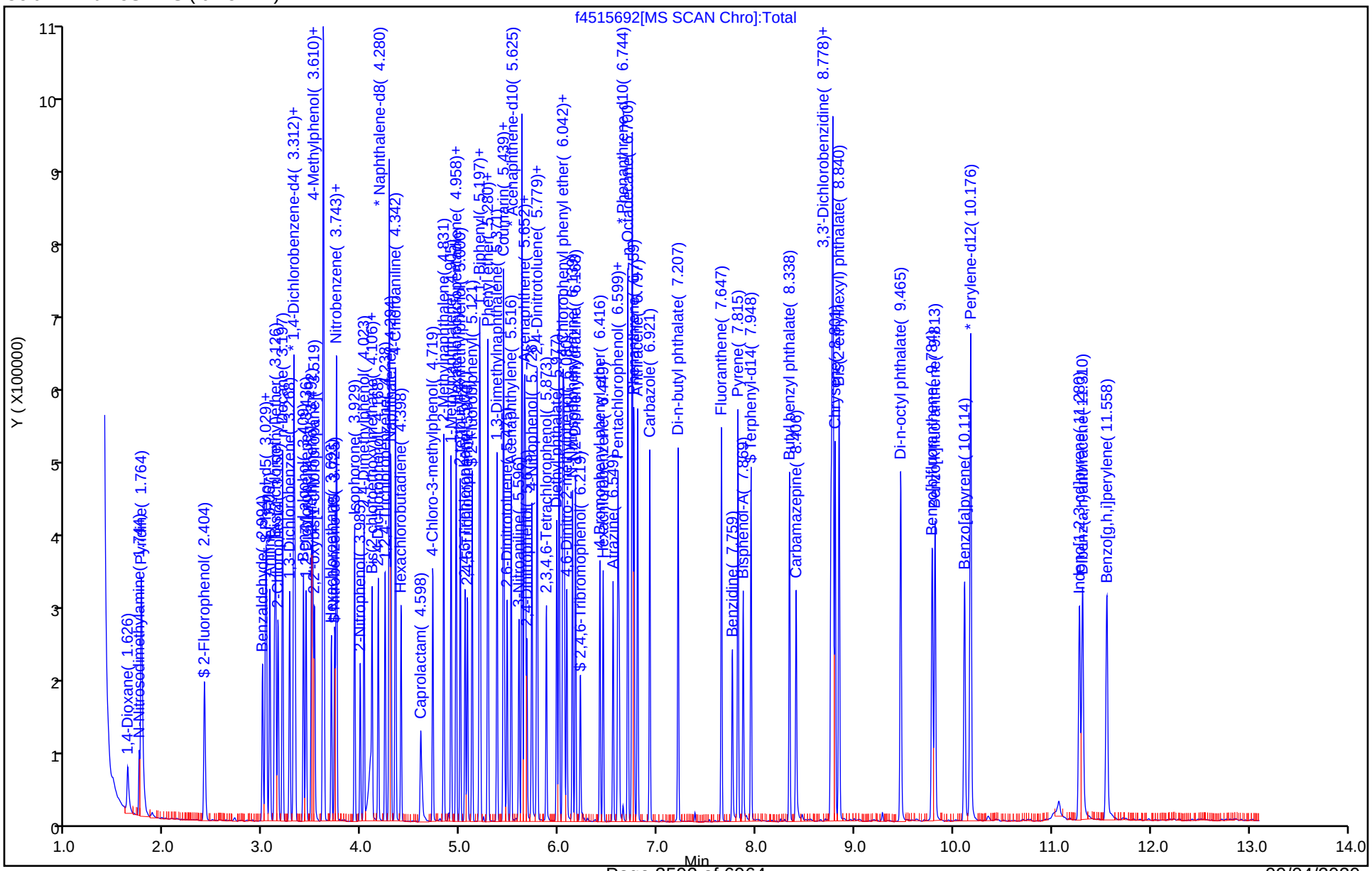
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515693.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Aug-2020 22:58:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-006
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:48:02 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 14:58:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.628	1.638	-0.010	90	12814	10.0	11.1	
2 N-Nitrosodimethylamine	74	1.743	1.756	-0.013	79	18733	10.0	10.6	
3 Pyridine	79	1.767	1.777	-0.010	76	65621	20.0	21.1	
$ 5 2-Fluorophenol	112	2.404	2.424	-0.020	87	27105	10.0	10.1	
7 Benzaldehyde	77	2.994	3.012	-0.018	88	25854	10.0	9.90	
$ 8 Phenol-d5	99	3.024	3.044	-0.020	88	34122	10.0	9.71	
9 Phenol	94	3.033	3.056	-0.023	96	37384	10.0	10.3	
10 Aniline	93	3.068	3.089	-0.021	89	46038	10.0	10.4	
11 Bis(2-chloroethyl)ether	93	3.115	3.136	-0.021	90	31677	10.0	10.7	
12 2-Chlorophenol	128	3.151	3.171	-0.020	80	26676	10.0	10.3	
13 n-Decane	43	3.198	3.213	-0.015	95	50665	10.0	10.5	
14 1,3-Dichlorobenzene	146	3.269	3.287	-0.018	89	29012	10.0	10.6	
* 15 1,4-Dichlorobenzene-d4	152	3.310	3.328	-0.018	97	69611	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.325	3.340	-0.015	88	28898	10.0	10.4	
17 Benzyl alcohol	108	3.407	3.429	-0.022	88	19312	10.0	10.5	
18 1,2-Dichlorobenzene	146	3.434	3.452	-0.018	84	28380	10.0	10.7	
19 2-Methylphenol	108	3.490	3.508	-0.018	82	25470	10.0	10.3	
20 2,2'-oxybis[1-chloropropane]	45	3.519	3.538	-0.019	55	65378	10.0	10.6	
130 N-Methylaniline	106	3.605	3.624	-0.019	0	45241	10.0	10.2	
22 4-Methylphenol	108	3.608	3.630	-0.022	73	29985	10.0	10.5	
23 3 & 4 Methylphenol	108	3.608	3.630	-0.022	95	29985	10.0	10.5	
21 Acetophenone	105	3.611	3.633	-0.022	80	43856	10.0	10.7	
24 N-Nitrosodi-n-propylamine	70	3.617	3.639	-0.022	93	22080	10.0	10.6	
25 Hexachloroethane	117	3.691	3.706	-0.015	91	12484	10.0	10.5	
$ 26 Nitrobenzene-d5	82	3.726	3.745	-0.019	93	32311	10.0	9.78	
27 Nitrobenzene	123	3.741	3.760	-0.019	86	12890	10.0	10.6	
28 n,n'-Dimethylaniline	120	3.747	3.762	-0.015	85	40641	10.0	10.2	
29 Isophorone	82	3.927	3.946	-0.019	98	63262	10.0	10.6	
30 2-Nitrophenol	139	3.986	3.999	-0.013	75	11316	10.0	9.82	
31 2,4-Dimethylphenol	122	4.024	4.040	-0.016	87	24456	10.0	10.5	
32 Bis(2-chloroethoxy)methane	93	4.104	4.120	-0.016	91	38301	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.071	4.135	-0.064	86	12517	10.0	10.6	
34 2,4-Dichlorophenol	162	4.166	4.182	-0.016	87	20557	10.0	10.5	
35 1,2,4-Trichlorobenzene	180	4.236	4.250	-0.014	92	23564	10.0	10.8	
* 36 Naphthalene-d8	136	4.281	4.291	-0.010	99	278411	40.0	40.0	
37 Naphthalene	128	4.295	4.309	-0.014	89	77899	10.0	10.5	
38 4-Chloroaniline	127	4.340	4.356	-0.016	87	33216	10.0	10.5	
39 Hexachlorobutadiene	225	4.399	4.409	-0.010	90	12240	10.0	10.7	
40 Caprolactam	113	4.593	4.672	-0.079	86	7209	10.0	9.93	
41 4-Chloro-3-methylphenol	107	4.720	4.734	-0.014	91	25231	10.0	10.4	
42 2-Methylnaphthalene	142	4.832	4.843	-0.011	80	50842	10.0	10.3	
43 1-Methylnaphthalene	142	4.906	4.917	-0.011	90	48528	10.0	10.5	
44 Hexachlorocyclopentadiene	237	4.956	4.967	-0.011	78	12352	10.0	9.70	
45 1,2,4,5-Tetrachlorobenzene	216	4.959	4.970	-0.011	93	21193	10.0	10.5	
46 2-tertbutyl-4-methylphenol	149	5.000	5.012	-0.012	85	29895	10.0	10.1	
47 2,4,6-Trichlorophenol	196	5.048	5.059	-0.011	83	14491	10.0	10.5	
48 2,4,5-Trichlorophenol	196	5.071	5.083	-0.012	90	15563	10.0	10.3	
$ 50 2-Fluorobiphenyl	172	5.118	5.130	-0.012	96	50590	10.0	9.79	
51 1,1'-Biphenyl	154	5.192	5.204	-0.012	97	59821	10.0	10.5	
52 2-Chloronaphthalene	162	5.201	5.213	-0.012	95	47362	10.0	10.7	
53 Phenyl ether	170	5.278	5.289	-0.011	84	29208	10.0	9.90	
54 2-Nitroaniline	65	5.281	5.295	-0.014	81	21531	10.0	10.1	
55 1,3-Dimethylnaphthalene	156	5.372	5.384	-0.012	88	34820	10.0	10.2	
56 Dimethyl phthalate	163	5.437	5.451	-0.014	93	56138	10.0	10.9	
57 Coumarin	146	5.437	5.451	-0.014	72	17844	10.0	10.0	
58 2,6-Dinitrotoluene	165	5.472	5.487	-0.015	68	10465	10.0	10.5	
59 Acenaphthylene	152	5.514	5.525	-0.011	96	73015	10.0	10.5	
60 3-Nitroaniline	138	5.593	5.608	-0.015	88	12649	10.0	10.2	
* 61 Acenaphthene-d10	164	5.626	5.634	-0.008	97	139075	40.0	40.0	
62 Acenaphthene	154	5.649	5.661	-0.012	89	44153	10.0	10.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.658	5.670	-0.012	82	35201	10.0	10.0	
64 2,4-Dinitrophenol	184	5.673	5.688	-0.015	46	7737	20.0	18.1	
65 4-Nitrophenol	65	5.723	5.741	-0.018	95	25998	20.0	19.3	
67 2,4-Dinitrotoluene	165	5.773	5.788	-0.015	83	13715	10.0	10.2	
66 Dibenzofuran	168	5.779	5.791	-0.012	90	65159	10.0	10.7	
68 2,3,4,6-Tetrachlorophenol	232	5.871	5.882	-0.011	84	10937	10.0	9.75	
69 Diethyl phthalate	149	5.974	5.992	-0.018	95	58210	10.0	10.6	
70 Fluorene	166	6.039	6.051	-0.012	83	53796	10.0	10.7	
71 4-Chlorophenyl phenyl ether	204	6.048	6.060	-0.012	75	23921	10.0	10.8	
72 4-Nitroaniline	138	6.051	6.077	-0.026	87	13188	10.0	10.3	
73 4,6-Dinitro-2-methylphenol	198	6.077	6.095	-0.018	36	10346	20.0	18.5	
74 N-Nitrosodiphenylamine	169	6.136	6.148	-0.012	21	38532	10.0	10.3	
75 1,2-Diphenylhydrazine	77	6.166	6.178	-0.012	64	73860	10.0	10.4	
$ 76 2,4,6-Tribromophenol	330	6.216	6.228	-0.012	85	8025	10.0	9.74	
77 4-Bromophenyl phenyl ether	248	6.413	6.426	-0.013	72	13908	10.0	10.3	
78 Hexachlorobenzene	284	6.449	6.458	-0.009	97	16636	10.0	9.93	
79 Atrazine	200	6.549	6.558	-0.009	80	13672	10.0	10.1	
80 Pentachlorophenol	266	6.599	6.609	-0.010	87	18977	20.0	21.0	
81 Pentachloronitrobenzene	237	6.608	6.620	-0.012	78	5875	10.0	9.63	
82 n-Octadecane	57	6.697	6.706	-0.009	91	64392	10.0	10.2	
* 83 Phenanthrene-d10	188	6.741	6.750	-0.009	99	251182	40.0	40.0	
84 Phenanthrene	178	6.759	6.771	-0.012	99	77990	10.0	10.4	
85 Anthracene	178	6.797	6.809	-0.012	97	79139	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.921	6.930	-0.009	83	75527	10.0	10.5	
88 Di-n-butyl phthalate	149	7.207	7.217	-0.010	99	100084	10.0	10.4	
89 Fluoranthene	202	7.647	7.657	-0.010	96	82116	10.0	10.5	
90 Benzidine	184	7.759	7.769	-0.010	98	32931	10.0	8.97	
91 Pyrene	202	7.815	7.825	-0.010	96	83923	10.0	10.4	
92 Bisphenol-A	213	7.868	7.878	-0.010	95	30236	10.0	9.71	
$ 93 Terphenyl-d14	244	7.948	7.958	-0.010	99	53404	10.0	9.77	
95 Butyl benzyl phthalate	149	8.337	8.348	-0.011	95	38481	10.0	9.86	
97 Carbamazepine	193	8.402	8.422	-0.020	92	30052	10.0	9.13	
99 3,3'-Dichlorobenzidine	252	8.756	8.770	-0.014	98	28375	10.0	10.3	
100 Benzo[a]anthracene	228	8.768	8.782	-0.014	99	77633	10.0	10.6	
* 98 Chrysene-d12	240	8.777	8.791	-0.014	98	213033	40.0	40.0	
101 Chrysene	228	8.800	8.814	-0.014	95	74321	10.0	10.3	
102 Bis(2-ethylhexyl) phthalate	149	8.842	8.853	-0.011	87	63295	10.0	10.3	
103 Di-n-octyl phthalate	149	9.464	9.479	-0.015	95	102918	10.0	10.3	
104 Benzo[b]fluoranthene	252	9.783	9.804	-0.021	96	76054	10.0	10.8	
105 Benzo[k]fluoranthene	252	9.812	9.833	-0.021	99	78551	10.0	10.7	
106 Benzo[a]pyrene	252	10.110	10.135	-0.025	95	66259	10.0	10.8	
* 107 Perylene-d12	264	10.175	10.191	-0.016	97	240678	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.276	11.304	-0.028	98	63913	10.0	10.0	
109 Dibenz(a,h)anthracene	278	11.306	11.336	-0.030	41	68560	10.0	10.6	
110 Benzo[g,h,i]perylene	276	11.551	11.587	-0.036	91	74917	10.0	10.3	
S 117 Total Cresols	1				0			20.8	

Reagents:

SV_BNA_L5_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:48:03 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515693.D

Injection Date: 20-Aug-2020 22:58:30 Instrument ID: CBNAMS15 Operator ID:

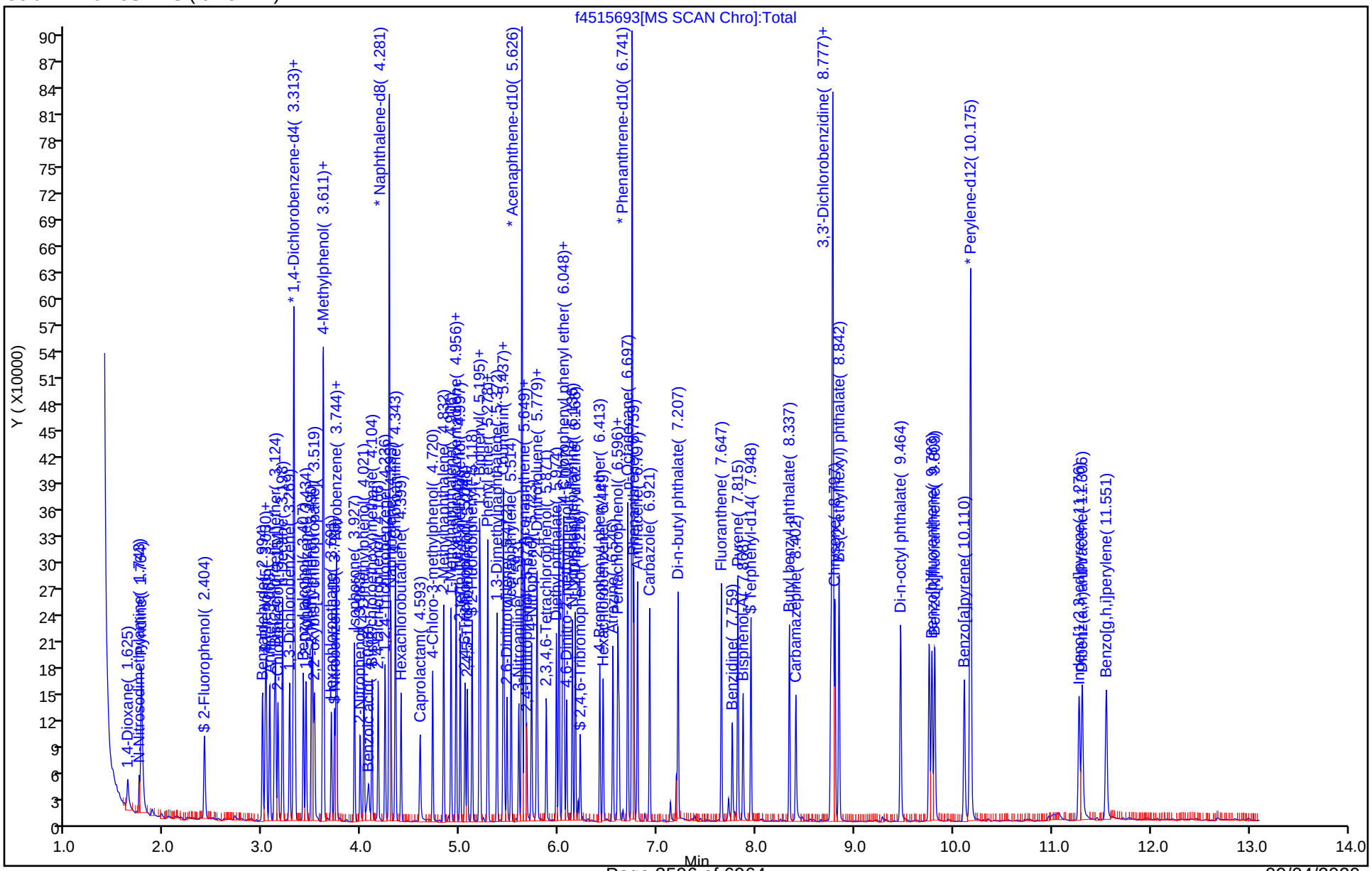
Lims ID: STD10 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515694.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Aug-2020 23:16:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-007
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:48:23 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 14:59:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.626	1.638	-0.012	87	7585	5.00	5.95	
2 N-Nitrosodimethylamine	74	1.744	1.756	-0.012	77	9969	5.00	5.13	
3 Pyridine	79	1.767	1.777	-0.010	76	35254	10.0	10.3	
$ 5 2-Fluorophenol	112	2.405	2.424	-0.019	85	15145	5.00	5.10	
7 Benzaldehyde	77	2.992	3.012	-0.020	89	15468	5.00	5.36	
$ 8 Phenol-d5	99	3.021	3.044	-0.023	84	19301	5.00	4.98	
9 Phenol	94	3.030	3.056	-0.026	96	20863	5.00	5.22	
10 Aniline	93	3.065	3.089	-0.024	91	25266	5.00	5.15	
11 Bis(2-chloroethyl)ether	93	3.115	3.136	-0.021	89	17019	5.00	5.21	
12 2-Chlorophenol	128	3.151	3.171	-0.020	81	15009	5.00	5.26	
13 n-Decane	43	3.195	3.213	-0.018	95	27142	5.00	5.10	
14 1,3-Dichlorobenzene	146	3.269	3.287	-0.018	89	15680	5.00	5.19	
* 15 1,4-Dichlorobenzene-d4	152	3.310	3.328	-0.018	97	76882	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.322	3.340	-0.018	84	16095	5.00	5.24	
17 Benzyl alcohol	108	3.407	3.429	-0.022	88	10176	5.00	5.02	
18 1,2-Dichlorobenzene	146	3.434	3.452	-0.018	85	15474	5.00	5.29	
19 2-Methylphenol	108	3.487	3.508	-0.021	84	14464	5.00	5.30	
20 2,2'-oxybis[1-chloropropane]	45	3.519	3.538	-0.019	61	35803	5.00	5.23	
130 N-Methylaniline	106	3.605	3.624	-0.019	0	24089	5.00	4.92	
22 4-Methylphenol	108	3.608	3.630	-0.022	71	16300	5.00	5.18	
23 3 & 4 Methylphenol	108	3.608	3.630	-0.022	94	16300	5.00	5.18	
21 Acetophenone	105	3.611	3.633	-0.022	82	24897	5.00	5.48	
24 N-Nitrosodi-n-propylamine	70	3.614	3.639	-0.025	83	11723	5.00	5.12	
25 Hexachloroethane	117	3.690	3.706	-0.016	88	7299	5.00	5.56	
$ 26 Nitrobenzene-d5	82	3.723	3.745	-0.022	93	17857	5.00	4.91	
27 Nitrobenzene	123	3.738	3.760	-0.022	85	7064	5.00	5.28	
28 n,n'-Dimethylaniline	120	3.744	3.762	-0.018	79	22253	5.00	5.05	
29 Isophorone	82	3.926	3.946	-0.020	98	34108	5.00	5.19	
30 2-Nitrophenol	139	3.985	3.999	-0.014	80	6320	5.00	4.98	
31 2,4-Dimethylphenol	122	4.021	4.040	-0.019	87	13289	5.00	5.19	
32 Bis(2-chloroethoxy)methane	93	4.103	4.120	-0.017	94	20888	5.00	5.16	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.056	4.135	-0.079	84	4447	5.00	4.93	
34 2,4-Dichlorophenol	162	4.165	4.182	-0.017	88	10971	5.00	5.08	
35 1,2,4-Trichlorobenzene	180	4.236	4.250	-0.014	92	12738	5.00	5.31	
* 36 Naphthalene-d8	136	4.280	4.291	-0.011	99	306483	40.0	40.0	
37 Naphthalene	128	4.295	4.309	-0.014	87	43646	5.00	5.33	
38 4-Chloroaniline	127	4.339	4.356	-0.017	87	18290	5.00	5.26	
39 Hexachlorobutadiene	225	4.398	4.409	-0.011	88	6568	5.00	5.21	
40 Caprolactam	113	4.587	4.672	-0.085	86	4087	5.00	5.11	
41 4-Chloro-3-methylphenol	107	4.717	4.734	-0.017	94	12719	5.00	4.75	
42 2-Methylnaphthalene	142	4.832	4.843	-0.011	83	28787	5.00	5.32	
43 1-Methylnaphthalene	142	4.906	4.917	-0.011	92	26361	5.00	5.18	
44 Hexachlorocyclopentadiene	237	4.956	4.967	-0.011	63	6849	5.00	4.97	
45 1,2,4,5-Tetrachlorobenzene	216	4.959	4.970	-0.011	94	12103	5.00	5.52	
46 2-tertbutyl-4-methylphenol	149	4.997	5.012	-0.015	84	16341	5.00	4.99	
47 2,4,6-Trichlorophenol	196	5.047	5.059	-0.012	84	8031	5.00	5.37	
48 2,4,5-Trichlorophenol	196	5.071	5.083	-0.012	89	8125	5.00	4.97	
$ 50 2-Fluorobiphenyl	172	5.118	5.130	-0.012	97	28520	5.00	5.10	
51 1,1'-Biphenyl	154	5.192	5.204	-0.012	97	32293	5.00	5.24	
52 2-Chloronaphthalene	162	5.201	5.213	-0.012	95	25636	5.00	5.37	
53 Phenyl ether	170	5.277	5.289	-0.012	85	16456	5.00	5.15	
54 2-Nitroaniline	65	5.280	5.295	-0.015	78	11111	5.00	4.84	
55 1,3-Dimethylnaphthalene	156	5.372	5.384	-0.012	88	18405	5.00	4.97	
56 Dimethyl phthalate	163	5.434	5.451	-0.017	93	29872	5.00	5.37	
57 Coumarin	146	5.436	5.451	-0.015	74	9983	5.00	5.10	
58 2,6-Dinitrotoluene	165	5.472	5.487	-0.015	65	5680	5.00	5.28	
59 Acenaphthylene	152	5.513	5.525	-0.012	96	39296	5.00	5.21	
60 3-Nitroaniline	138	5.593	5.608	-0.015	88	6498	5.00	4.84	
* 61 Acenaphthene-d10	164	5.625	5.634	-0.009	97	150578	40.0	40.0	
62 Acenaphthene	154	5.649	5.661	-0.012	83	23604	5.00	5.25	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.658	5.670	-0.012	86	19969	5.00	5.24	
64 2,4-Dinitrophenol	184	5.672	5.688	-0.016	41	3600	10.0	9.02	
65 4-Nitrophenol	65	5.720	5.741	-0.021	94	14334	10.0	9.84	
67 2,4-Dinitrotoluene	165	5.773	5.788	-0.015	80	6883	5.00	4.96	
66 Dibenzofuran	168	5.779	5.791	-0.012	90	34345	5.00	5.19	
68 2,3,4,6-Tetrachlorophenol	232	5.870	5.882	-0.012	85	6014	5.00	4.95	
69 Diethyl phthalate	149	5.973	5.992	-0.019	95	31335	5.00	5.25	
70 Fluorene	166	6.038	6.051	-0.013	82	28466	5.00	5.23	
71 4-Chlorophenyl phenyl ether	204	6.047	6.060	-0.013	73	12688	5.00	5.29	
72 4-Nitroaniline	138	6.050	6.077	-0.027	87	7202	5.00	5.19	
73 4,6-Dinitro-2-methylphenol	198	6.077	6.095	-0.018	37	4642	10.0	8.80	
74 N-Nitrosodiphenylamine	169	6.136	6.148	-0.012	34	20707	5.00	5.14	
75 1,2-Diphenylhydrazine	77	6.165	6.178	-0.013	57	40465	5.00	5.28	
$ 76 2,4,6-Tribromophenol	330	6.215	6.228	-0.013	90	4688	5.00	5.25	
77 4-Bromophenyl phenyl ether	248	6.413	6.426	-0.013	72	7313	5.00	5.00	
78 Hexachlorobenzene	284	6.448	6.458	-0.010	97	9598	5.00	5.31	
79 Atrazine	200	6.546	6.558	-0.012	77	7788	5.00	5.31	
80 Pentachlorophenol	266	6.596	6.609	-0.013	85	9619	10.0	9.85	
81 Pentachloronitrobenzene	237	6.608	6.620	-0.012	80	3206	5.00	4.87	
82 n-Octadecane	57	6.699	6.706	-0.007	90	34256	5.00	5.05	
* 83 Phenanthrene-d10	188	6.740	6.750	-0.010	99	271024	40.0	40.0	
84 Phenanthrene	178	6.758	6.771	-0.013	94	43005	5.00	5.31	
85 Anthracene	178	6.797	6.809	-0.012	96	43772	5.00	5.26	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.920	6.930	-0.010	83	40302	5.00	5.19	
88 Di-n-butyl phthalate	149	7.206	7.217	-0.011	99	53314	5.00	5.15	
89 Fluoranthene	202	7.646	7.657	-0.011	96	43831	5.00	5.18	
90 Benzidine	184	7.758	7.769	-0.011	97	17489	5.00	4.42	
91 Pyrene	202	7.814	7.825	-0.011	96	45280	5.00	5.15	
92 Bisphenol-A	213	7.867	7.878	-0.011	95	14492	5.00	4.26	
$ 93 Terphenyl-d14	244	7.947	7.958	-0.011	99	30384	5.00	5.09	
95 Butyl benzyl phthalate	149	8.336	8.348	-0.012	94	19282	5.00	4.53	
97 Carbamazepine	193	8.401	8.422	-0.021	91	14479	5.00	4.03	
99 3,3'-Dichlorobenzidine	252	8.755	8.770	-0.015	97	14624	5.00	4.86	
100 Benzo[a]anthracene	228	8.767	8.782	-0.015	78	41559	5.00	5.19	
* 98 Chrysene-d12	240	8.776	8.791	-0.015	97	232583	40.0	40.0	
101 Chrysene	228	8.799	8.814	-0.015	92	39984	5.00	5.09	
102 Bis(2-ethylhexyl) phthalate	149	8.841	8.853	-0.012	87	32481	5.00	4.85	
103 Di-n-octyl phthalate	149	9.463	9.479	-0.016	93	51113	5.00	4.61	
104 Benzo[b]fluoranthene	252	9.782	9.804	-0.022	97	41272	5.00	5.28	
105 Benzo[k]fluoranthene	252	9.808	9.833	-0.025	99	41721	5.00	5.13	
106 Benzo[a]pyrene	252	10.109	10.135	-0.026	95	34629	5.00	5.11	
* 107 Perylene-d12	264	10.174	10.191	-0.017	97	266367	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.272	11.304	-0.032	97	34517	5.00	4.90	M
109 Dibenz(a,h)anthracene	278	11.304	11.336	-0.032	41	36703	5.00	5.11	
110 Benzo[g,h,i]perylene	276	11.547	11.587	-0.040	91	39255	5.00	4.89	
S 117 Total Cresols	1				0			10.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L4_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:48:24 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515694.D

Injection Date: 20-Aug-2020 23:16:30 Instrument ID: CBNAMS15 Operator ID:

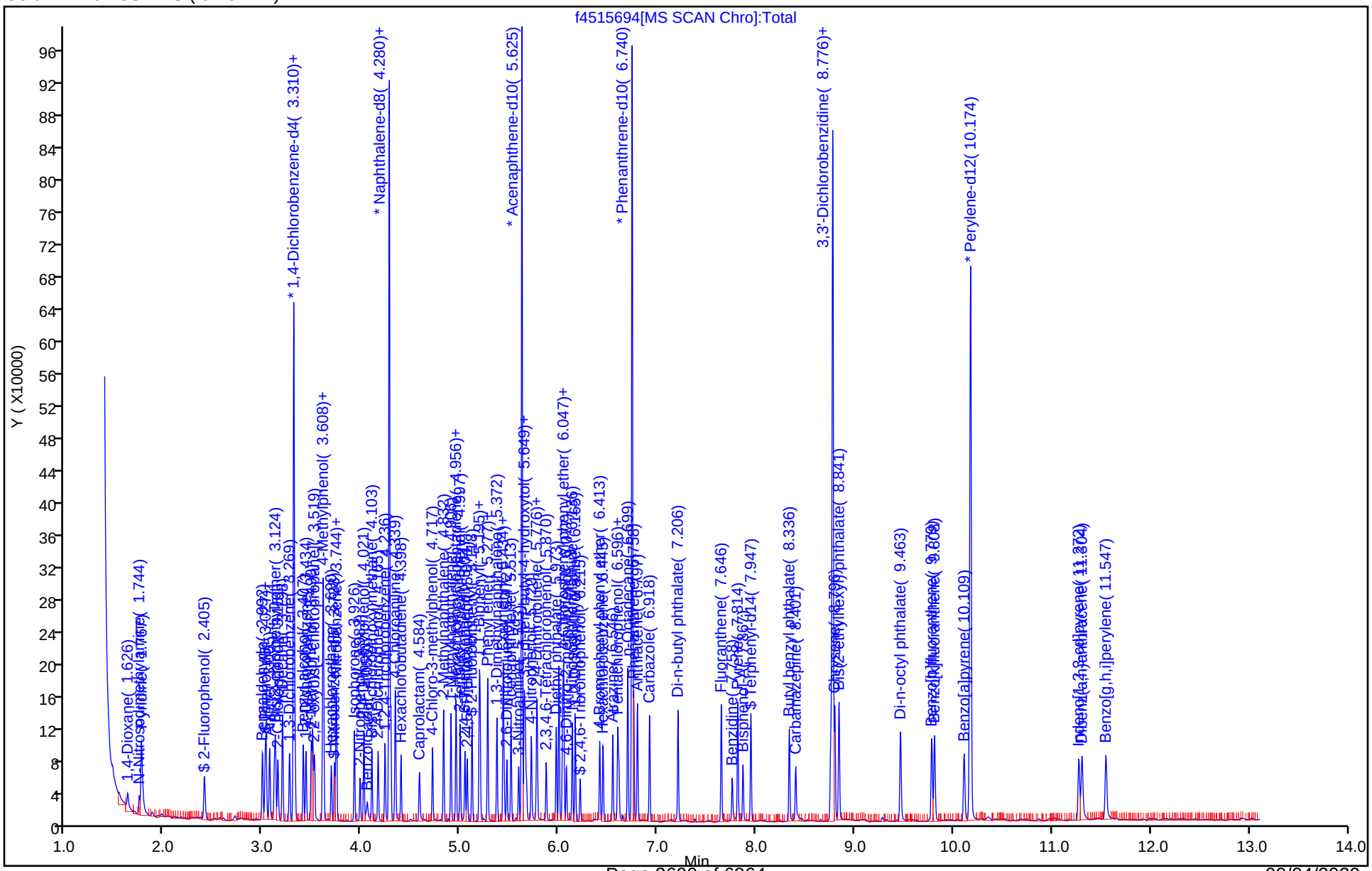
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

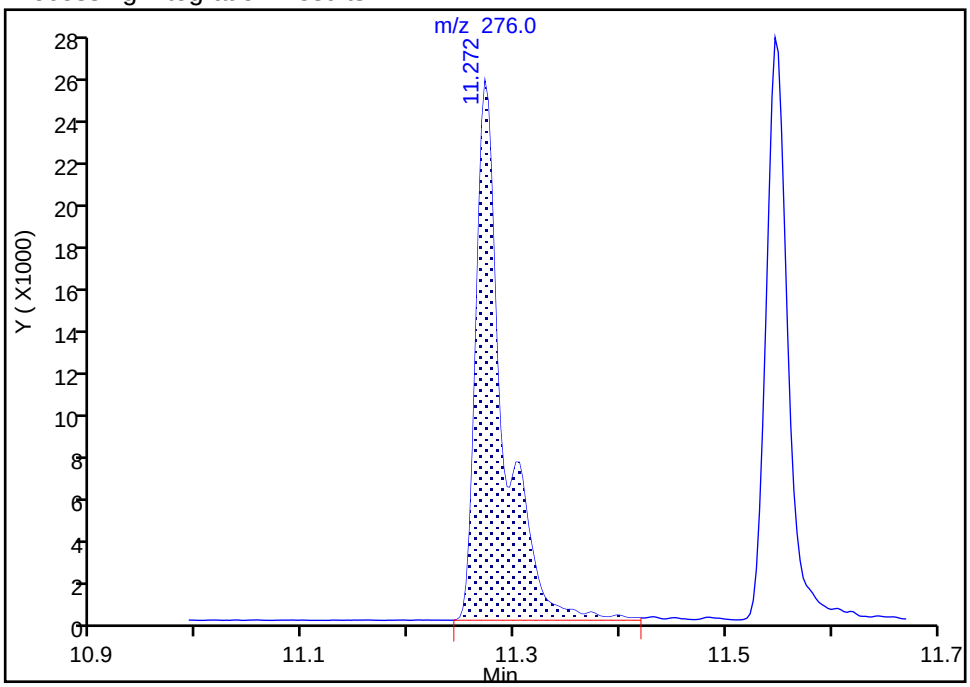
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515694.D				
Injection Date:	20-Aug-2020 23:16:30	Instrument ID:	CBNAMS15		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

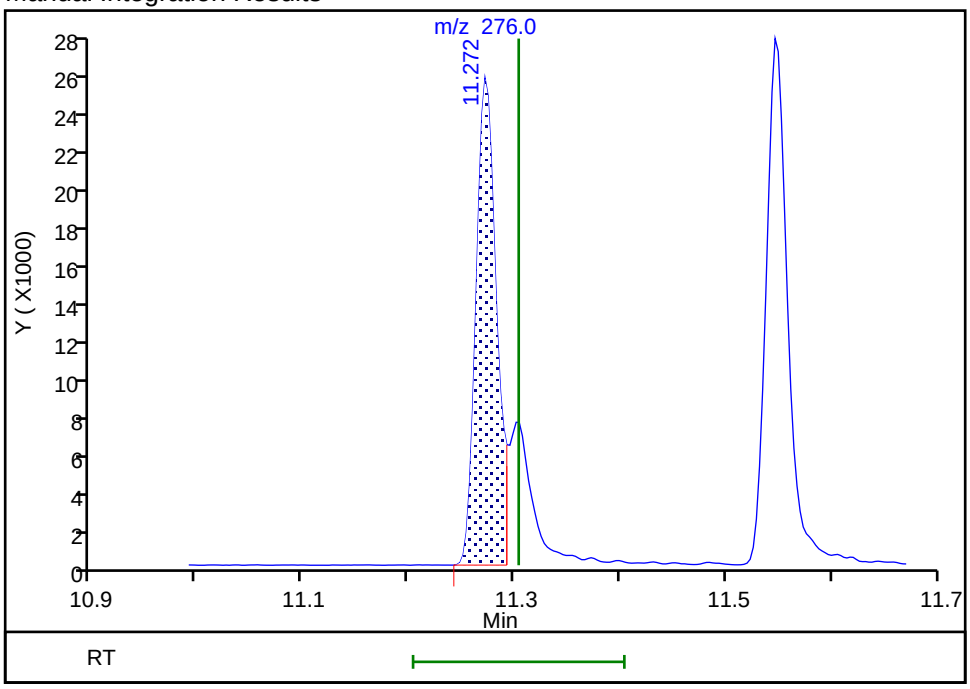
Processing Integration Results

RT: 11.27
Area: 46457
Amount: 5.705296
Amount Units: ug/ml



Manual Integration Results

RT: 11.27
Area: 34517
Amount: 4.900748
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 14:59:42

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515695.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Aug-2020 23:33:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-008
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:48:36 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 15:00:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.628	1.638	-0.010	87	1891	2.00	1.60	
$ 5 2-Fluorophenol	112	2.404	2.424	-0.020	86	5724	2.00	2.08	
7 Benzaldehyde	77	2.991	3.012	-0.021	84	5636	2.00	2.11	
$ 8 Phenol-d5	99	3.021	3.044	-0.023	82	7336	2.00	2.04	
11 Bis(2-chloroethyl)ether	93	3.112	3.136	-0.024	89	6481	2.00	2.14	
* 15 1,4-Dichlorobenzene-d4	152	3.310	3.328	-0.018	98	71334	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.614	3.639	-0.025	86	4129	2.00	1.94	
25 Hexachloroethane	117	3.690	3.706	-0.016	85	2467	2.00	2.03	
$ 26 Nitrobenzene-d5	82	3.723	3.745	-0.022	91	7034	2.00	2.08	
27 Nitrobenzene	123	3.737	3.760	-0.023	84	2474	2.00	1.99	
28 n,n'-Dimethylaniline	120	3.743	3.762	-0.019	78	8237	2.00	2.01	
29 Isophorone	82	3.926	3.946	-0.020	97	11664	2.00	1.91	
34 2,4-Dichlorophenol	162	4.165	4.182	-0.017	87	3770	2.00	1.88	
35 1,2,4-Trichlorobenzene	180	4.236	4.250	-0.014	92	4605	2.00	2.06	
* 36 Naphthalene-d8	136	4.280	4.291	-0.011	99	285120	40.0	40.0	
39 Hexachlorobutadiene	225	4.398	4.409	-0.011	85	2306	2.00	1.97	
40 Caprolactam	113	4.578	4.672	-0.094	84	1417	2.00	1.91	
47 2,4,6-Trichlorophenol	196	5.047	5.059	-0.012	80	2648	2.00	1.91	
$ 50 2-Fluorobiphenyl	172	5.118	5.130	-0.012	96	10634	2.00	2.05	
58 2,6-Dinitrotoluene	165	5.472	5.487	-0.015	57	1576	2.00	1.58	
* 61 Acenaphthene-d10	164	5.625	5.634	-0.009	97	139923	40.0	40.0	
64 2,4-Dinitrophenol	184	5.672	5.688	-0.016	37	1009	4.00	4.24	
67 2,4-Dinitrotoluene	165	5.772	5.788	-0.016	76	2237	2.00	2.02	a
73 4,6-Dinitro-2-methylphenol	198	6.073	6.095	-0.022	8	1454	4.00	4.26	
$ 76 2,4,6-Tribromophenol	330	6.215	6.228	-0.013	78	1505	2.00	1.81	
78 Hexachlorobenzene	284	6.448	6.458	-0.010	91	3590	2.00	2.17	
79 Atrazine	200	6.545	6.558	-0.013	75	2403	2.00	1.79	
80 Pentachlorophenol	266	6.598	6.609	-0.011	82	2944	4.00	3.29	
* 83 Phenanthrene-d10	188	6.743	6.750	-0.007	99	248194	40.0	40.0	
$ 93 Terphenyl-d14	244	7.946	7.958	-0.012	98	11485	2.00	2.11	
99 3,3'-Dichlorobenzidine	252	8.754	8.770	-0.016	96	4735	2.00	1.73	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 Benzo[a]anthracene	228	8.769	8.782	-0.013	53	13827	2.00	1.89	
* 98 Chrysene-d12	240	8.778	8.791	-0.013	98	212075	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.781	9.804	-0.023	97	13758	2.00	1.93	
105 Benzo[k]fluoranthene	252	9.807	9.833	-0.026	97	14792	2.00	2.00	
106 Benzo[a]pyrene	252	10.108	10.135	-0.027	94	12052	2.00	1.95	
* 107 Perylene-d12	264	10.176	10.191	-0.015	97	242640	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.273	11.304	-0.031	98	12203	2.00	1.90	M
109 Dibenz(a,h)anthracene	278	11.303	11.336	-0.033	44	11912	2.00	1.82	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L3_00001 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:48:37 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515695.D

Injection Date: 20-Aug-2020 23:33:30 Instrument ID: CBNAMS15 Operator ID:

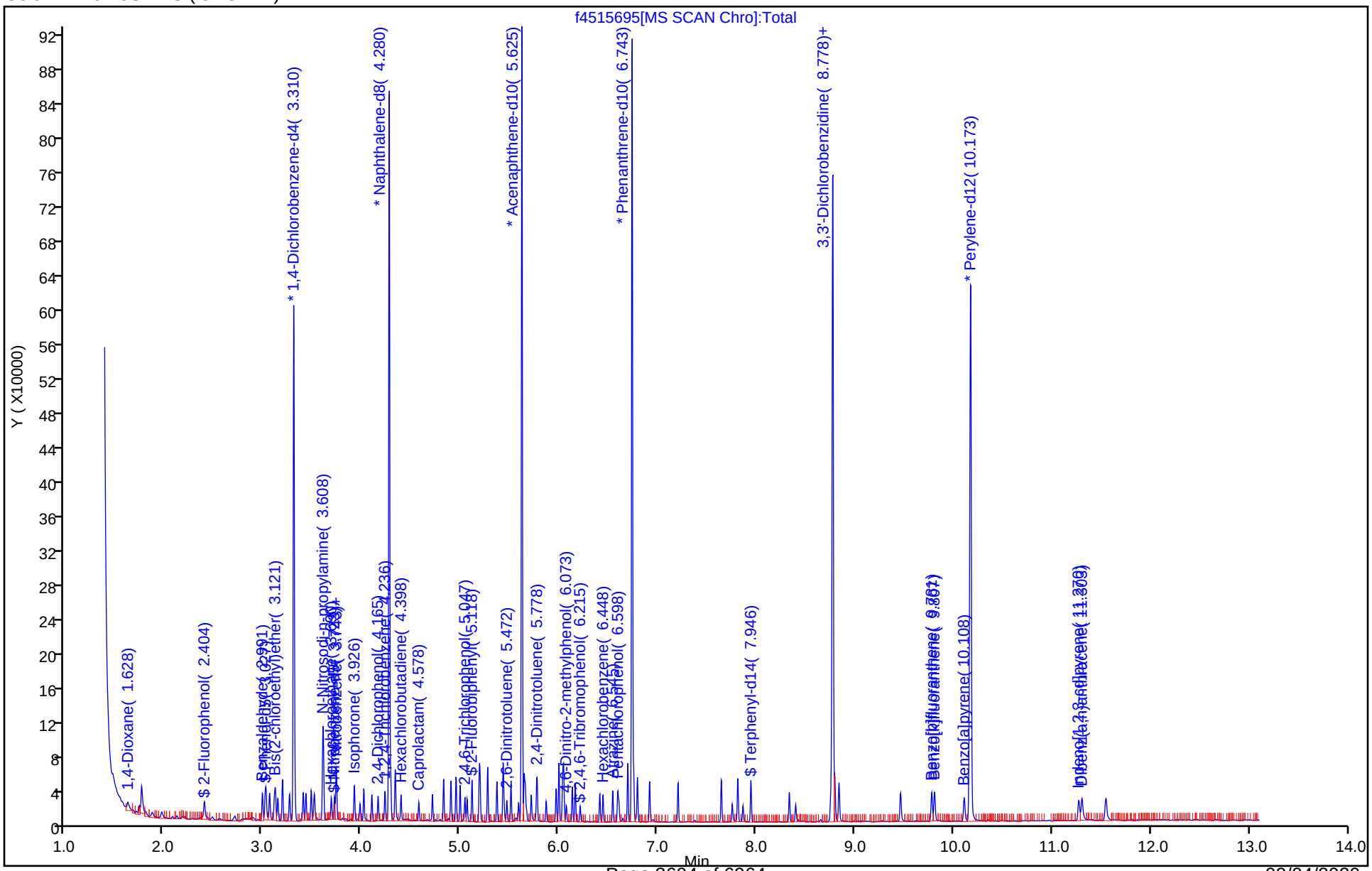
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

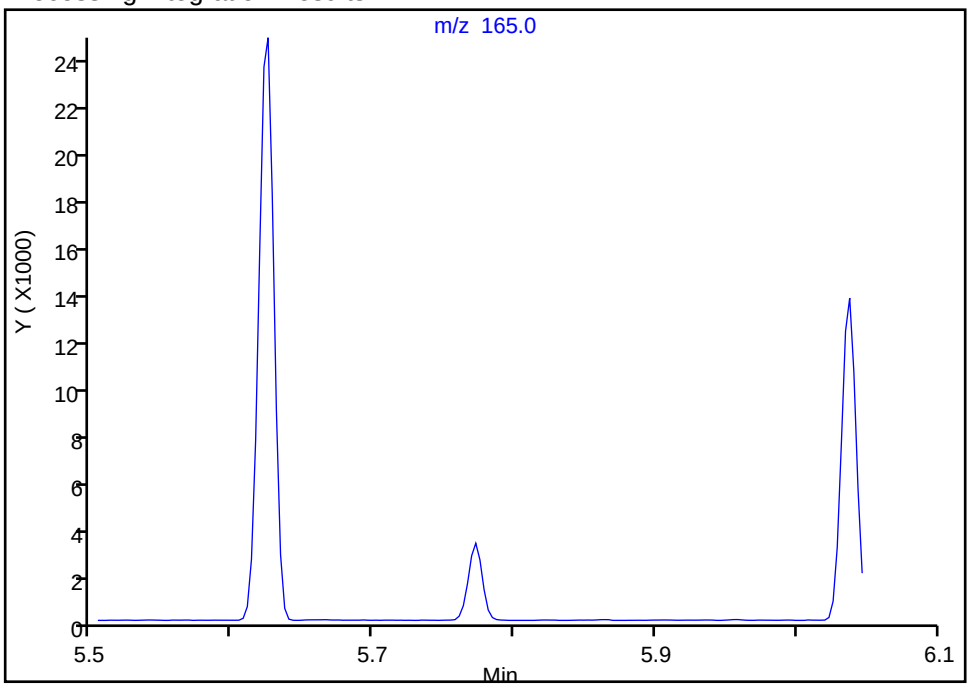
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515695.D				
Injection Date:	20-Aug-2020 23:33:30	Instrument ID:	CBNAMS15		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

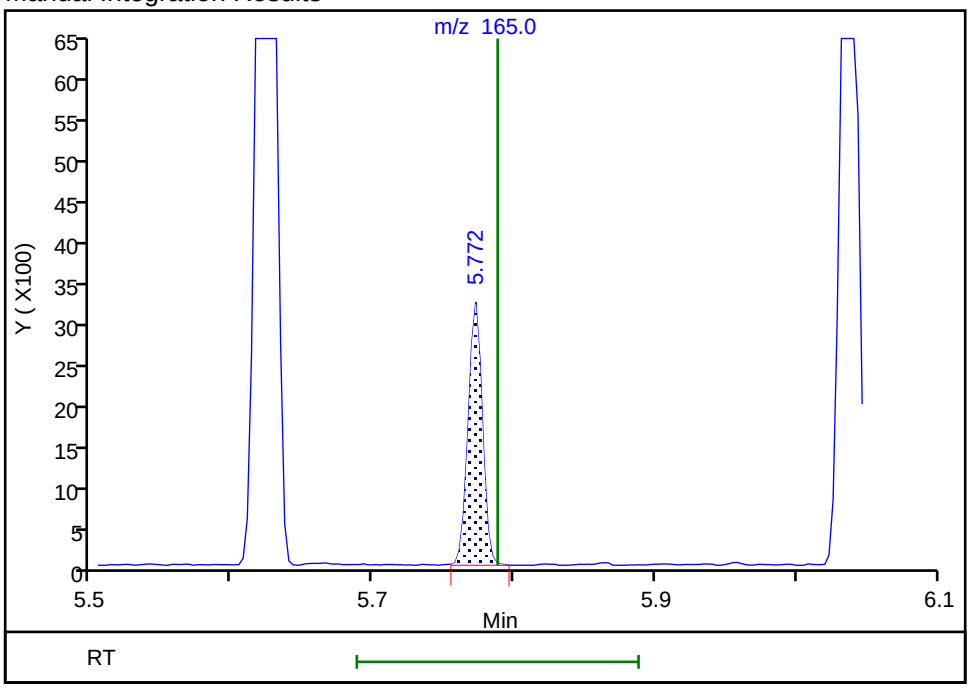
Not Detected
Expected RT: 5.79

Processing Integration Results



Manual Integration Results

RT: 5.77
Area: 2237
Amount: 2.024403
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:00:24
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

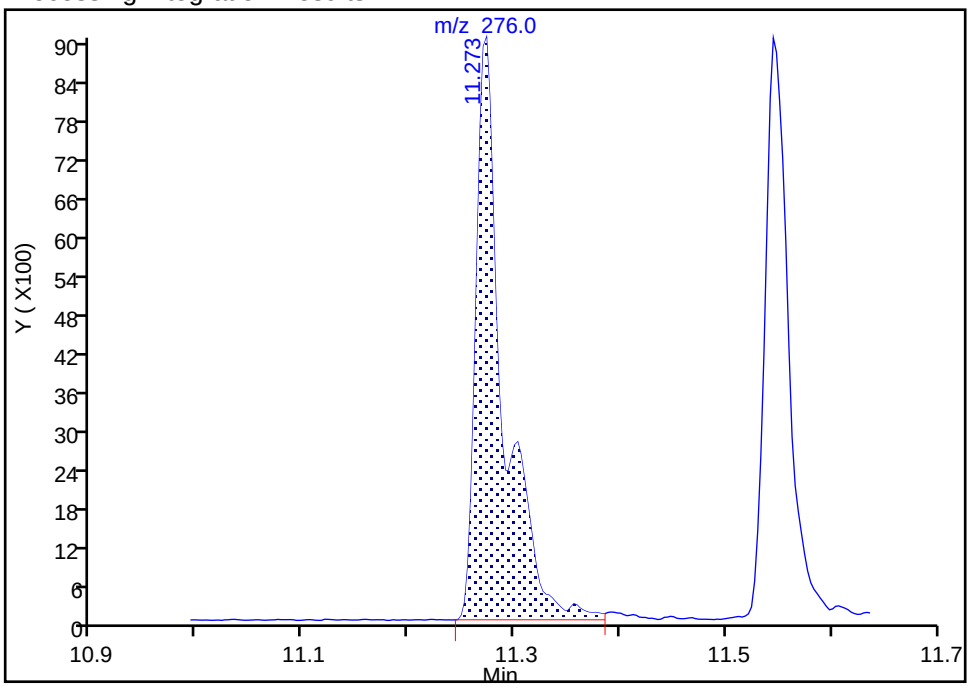
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515695.D				
Injection Date:	20-Aug-2020 23:33:30	Instrument ID:	CBNAMS15		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

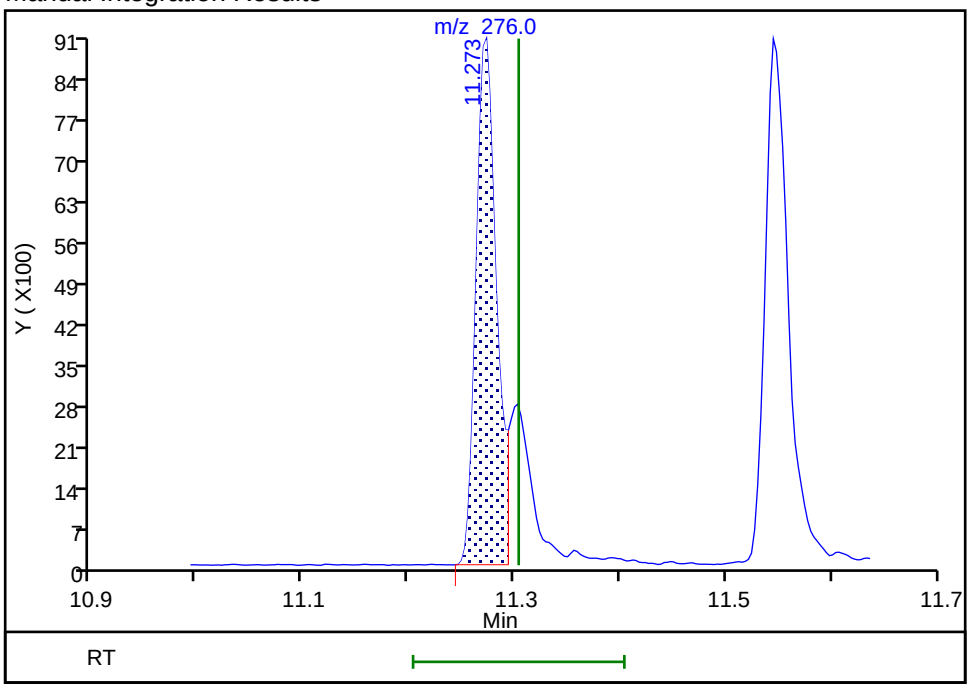
Processing Integration Results

RT: 11.27
Area: 16292
Amount: 2.280022
Amount Units: ug/ml



Manual Integration Results

RT: 11.27
Area: 12203
Amount: 1.902015
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:00:05

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515696.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Aug-2020 23:50:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-009
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:48:46 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 15:01:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.628	1.638	-0.010	84	1240	1.00	0.9713	
$ 5 2-Fluorophenol	112	2.404	2.424	-0.020	89	3013	1.00	1.01	
7 Benzaldehyde	77	2.994	3.012	-0.018	89	2931	1.00	1.01	
$ 8 Phenol-d5	99	3.021	3.044	-0.023	83	4192	1.00	1.08	
11 Bis(2-chloroethyl)ether	93	3.115	3.136	-0.021	82	3245	1.00	0.99	
* 15 1,4-Dichlorobenzene-d4	152	3.313	3.328	-0.015	98	77001	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.613	3.639	-0.026	80	2289	1.00	1.00	
25 Hexachloroethane	117	3.690	3.706	-0.016	83	1229	1.00	0.9351	
$ 26 Nitrobenzene-d5	82	3.726	3.745	-0.019	94	3585	1.00	0.9821	
27 Nitrobenzene	123	3.740	3.760	-0.020	85	1522	1.00	1.14	
28 n,n'-Dimethylaniline	120	3.746	3.762	-0.016	84	4431	1.00	1.00	
35 1,2,4-Trichlorobenzene	180	4.239	4.250	-0.012	91	2312	1.00	0.9610	
* 36 Naphthalene-d8	136	4.280	4.291	-0.011	99	307558	40.0	40.0	
39 Hexachlorobutadiene	225	4.401	4.409	-0.008	85	1213	1.00	0.9589	
40 Caprolactam	113	4.578	4.672	-0.094	83	717	1.00	0.8941	
$ 50 2-Fluorobiphenyl	172	5.120	5.130	-0.010	95	6203	1.00	1.08	
58 2,6-Dinitrotoluene	165	5.474	5.487	-0.013	69	836	1.00	0.7590	
* 61 Acenaphthene-d10	164	5.625	5.634	-0.009	97	154255	40.0	40.0	
67 2,4-Dinitrotoluene	165	5.772	5.788	-0.016	73	859	1.00	0.99	a
$ 76 2,4,6-Tribromophenol	330	6.217	6.228	-0.011	74	898	1.00	0.9822	
78 Hexachlorobenzene	284	6.448	6.458	-0.010	78	1890	1.00	1.05	
79 Atrazine	200	6.548	6.558	-0.010	78	1413	1.00	0.9635	
* 83 Phenanthrene-d10	188	6.742	6.750	-0.008	99	271112	40.0	40.0	
$ 93 Terphenyl-d14	244	7.948	7.958	-0.010	98	6075	1.00	1.02	
100 Benzo[a]anthracene	228	8.771	8.782	-0.011	50	7740	1.00	0.9673	
* 98 Chrysene-d12	240	8.780	8.791	-0.011	98	232260	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.783	9.804	-0.021	93	7051	1.00	0.9052	
105 Benzo[k]fluoranthene	252	9.812	9.833	-0.021	84	7525	1.00	0.9279	
106 Benzo[a]pyrene	252	10.113	10.135	-0.022	94	6244	1.00	0.9240	
* 107 Perylene-d12	264	10.178	10.191	-0.013	97	265528	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.276	11.304	-0.028	96	5853	1.00	0.8336	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Dibenz(a,h)anthracene	278	11.308	11.336	-0.028	41	6262	1.00	0.8738	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L2_00001 Amount Added: 1.00 Units: mL

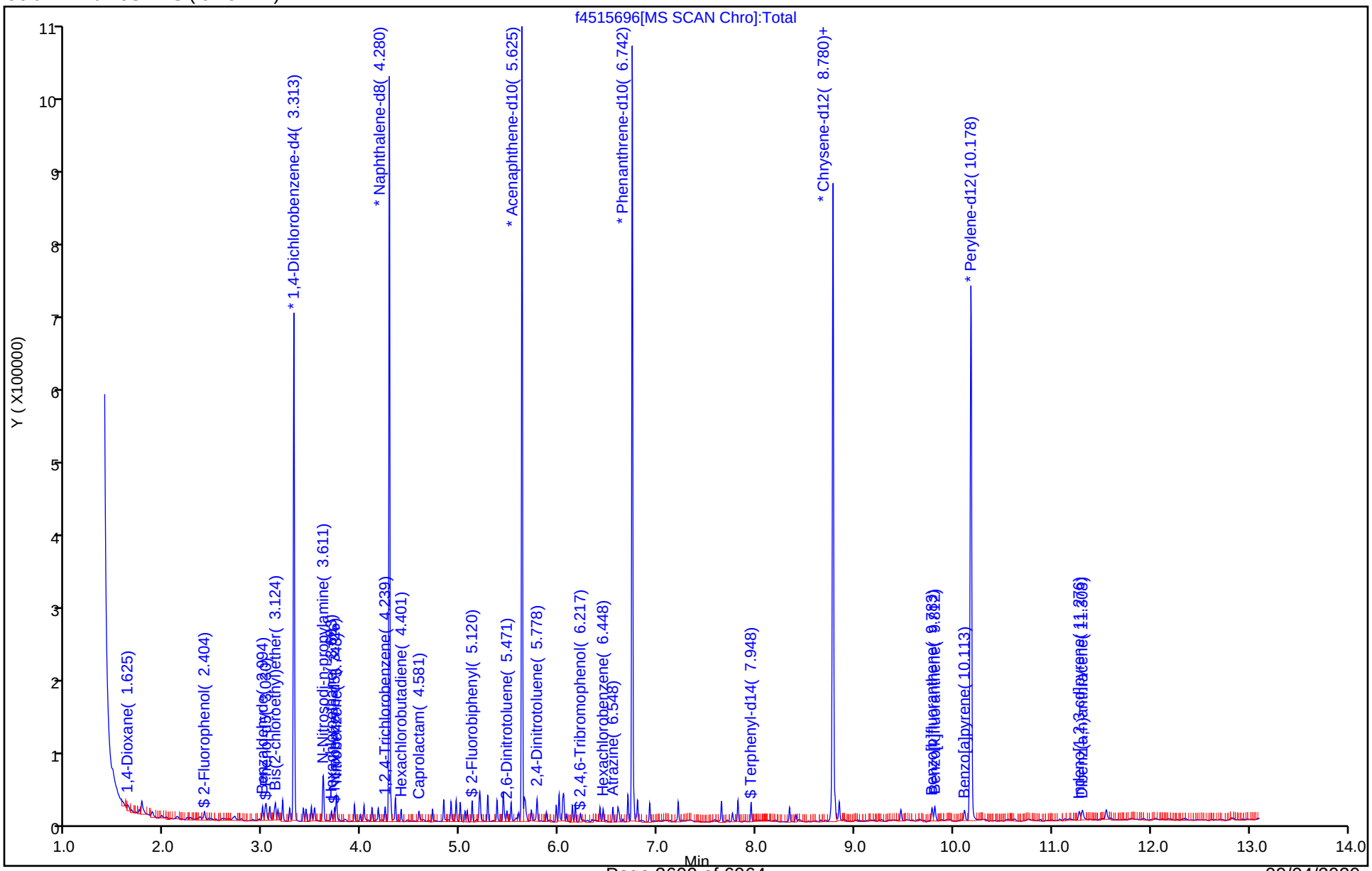
Report Date: 21-Aug-2020 06:48:46 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515696.D

Injection Date:	20-Aug-2020 23:50:30	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

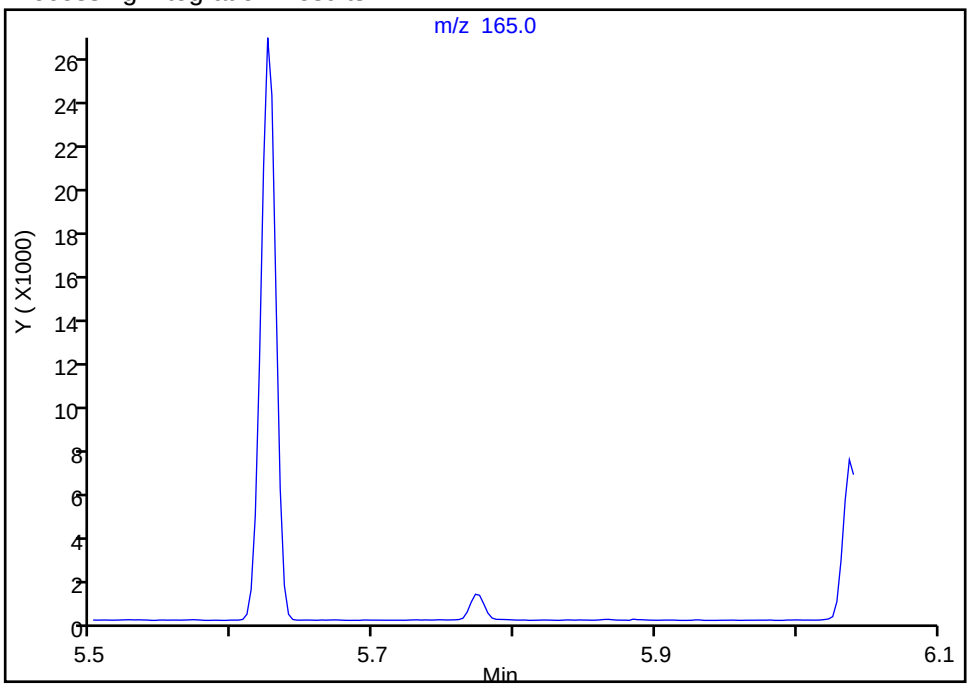
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515696.D				
Injection Date:	20-Aug-2020 23:50:30	Instrument ID:	CBNAMS15		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

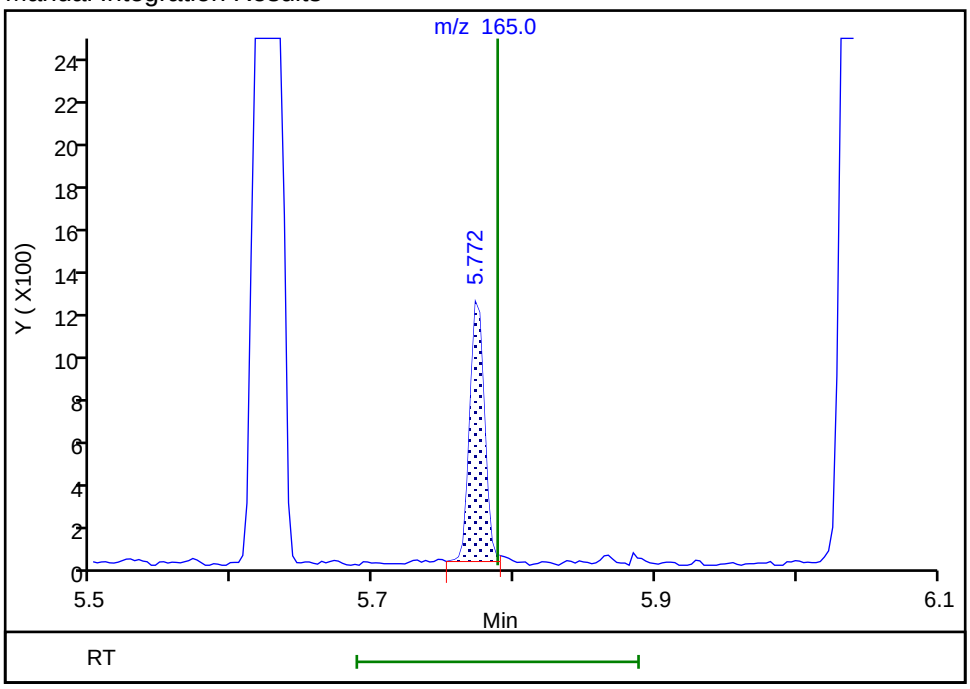
Not Detected
Expected RT: 5.79

Processing Integration Results



Manual Integration Results

RT: 5.77
Area: 859
Amount: 0.994120
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:01:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

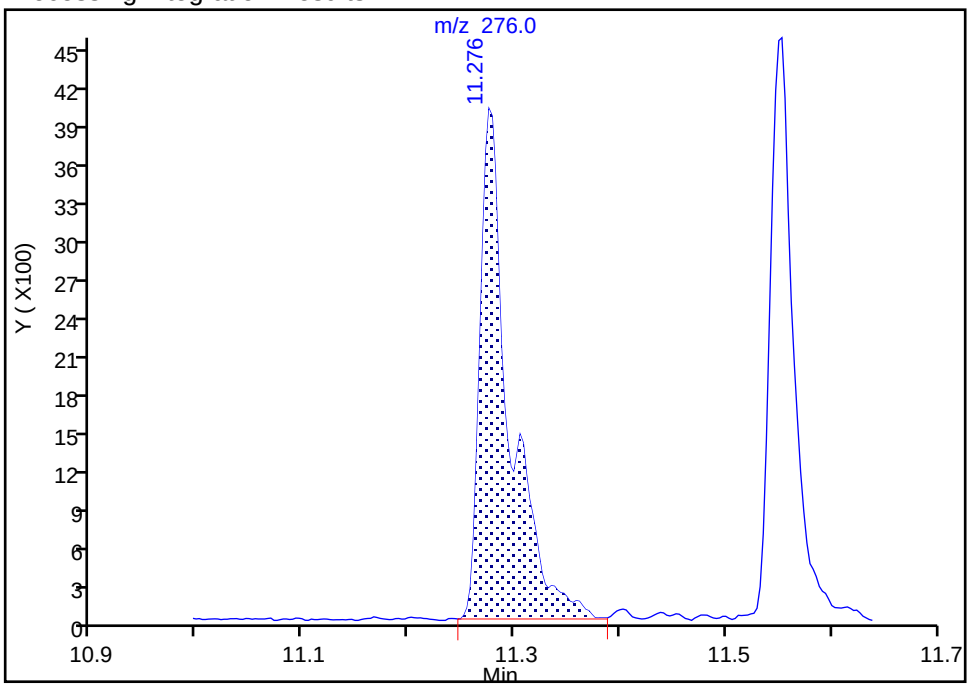
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515696.D
Injection Date: 20-Aug-2020 23:50:30 Instrument ID: CBNAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

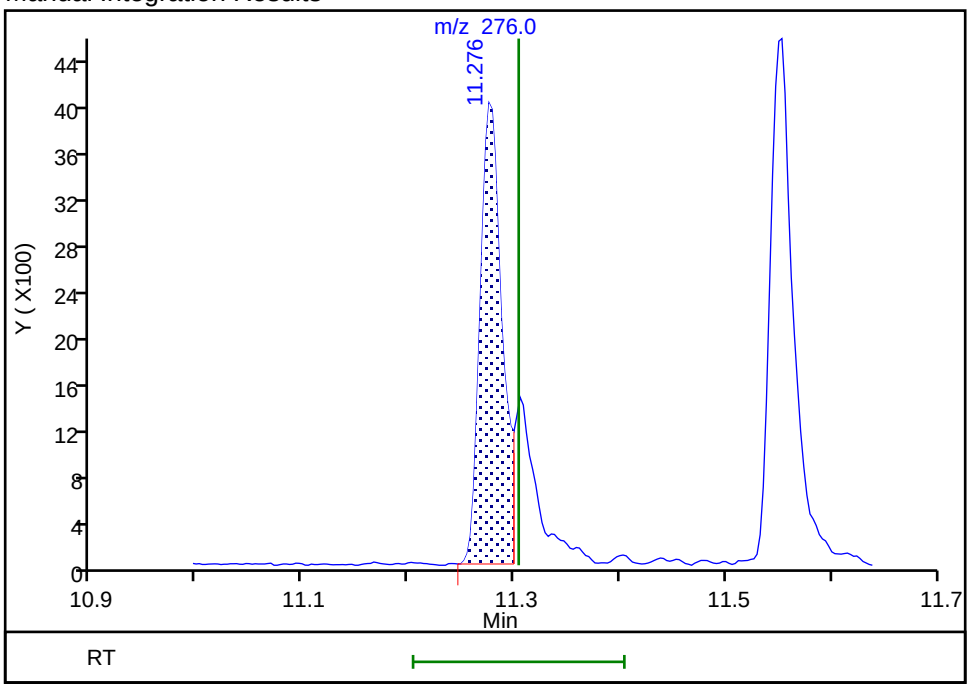
Processing Integration Results

RT: 11.28
Area: 7864
Amount: 1.042983
Amount Units: ug/ml



Manual Integration Results

RT: 11.28
Area: 5853
Amount: 0.833639
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:01:25
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Aug-2020 00:07:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-010
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:48:58 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 15:04:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.629	1.638	-0.009	69	523	0.5000	0.4146	a
11 Bis(2-chloroethyl)ether	93	3.114	3.136	-0.022	76	1537	0.5000	0.4750	
* 15 1,4-Dichlorobenzene-d4	152	3.309	3.328	-0.019	98	76085	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.613	3.639	-0.026	80	1093	0.5000	0.4822	a
25 Hexachloroethane	117	3.689	3.706	-0.017	86	617	0.5000	0.4751	
$ 26 Nitrobenzene-d5	82	3.722	3.745	-0.023	85	1911	0.5000	0.5363	
27 Nitrobenzene	123	3.737	3.760	-0.023	82	494	0.5000	0.3734	
28 n,n'-Dimethylaniline	120	3.742	3.762	-0.020	81	2288	0.5000	0.5244	
35 1,2,4-Trichlorobenzene	180	4.235	4.250	-0.015	79	1154	0.5000	0.4914	
* 36 Naphthalene-d8	136	4.279	4.291	-0.012	99	300233	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	5.117	5.130	-0.013	92	2764	0.5000	0.5021	
* 61 Acenaphthene-d10	164	5.624	5.634	-0.010	97	148175	40.0	40.0	
78 Hexachlorobenzene	284	6.447	6.458	-0.011	76	841	0.5000	0.4798	
* 83 Phenanthrene-d10	188	6.742	6.750	-0.008	99	262791	40.0	40.0	
$ 93 Terphenyl-d14	244	7.945	7.958	-0.013	91	2723	0.5000	0.4811	
100 Benzo[a]anthracene	228	8.769	8.782	-0.014	48	3977	0.5000	0.5232	
* 98 Chrysene-d12	240	8.777	8.791	-0.014	98	220643	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.780	9.804	-0.024	91	3216	0.5000	0.4392	
105 Benzo[k]fluoranthene	252	9.810	9.833	-0.023	90	3666	0.5000	0.4809	
106 Benzo[a]pyrene	252	10.111	10.135	-0.024	90	2684	0.5000	0.4225	
* 107 Perylene-d12	264	10.173	10.191	-0.018	97	249613	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.273	11.304	-0.031	95	2510	0.5000	0.3803	Ma
109 Dibenz(a,h)anthracene	278	11.303	11.336	-0.033	46	2696	0.5000	0.4002	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L1_00001 Amount Added: 1.00 Units: mL

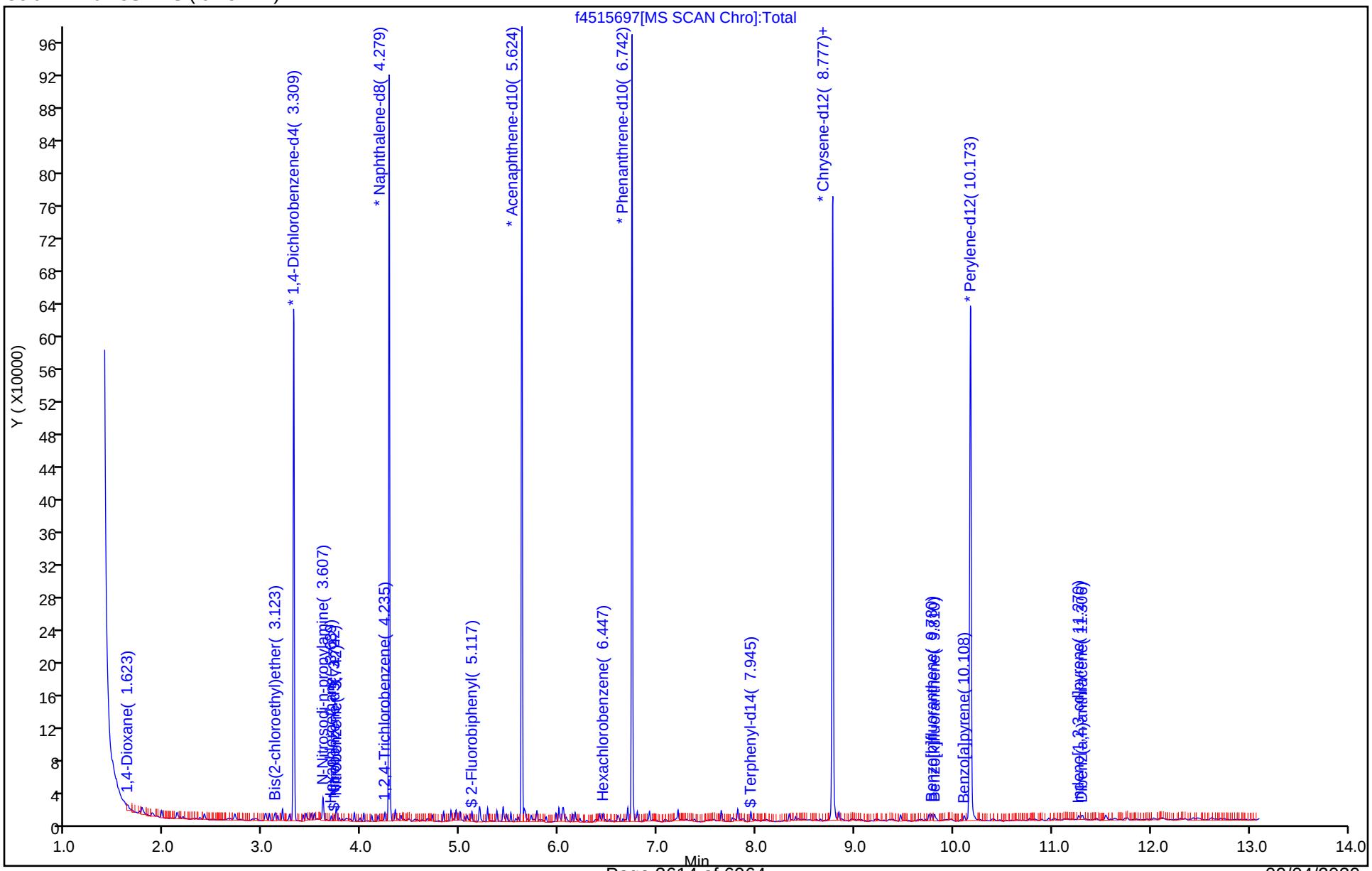
Report Date: 21-Aug-2020 06:48:58 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Injection Date:	21-Aug-2020 00:07:30	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

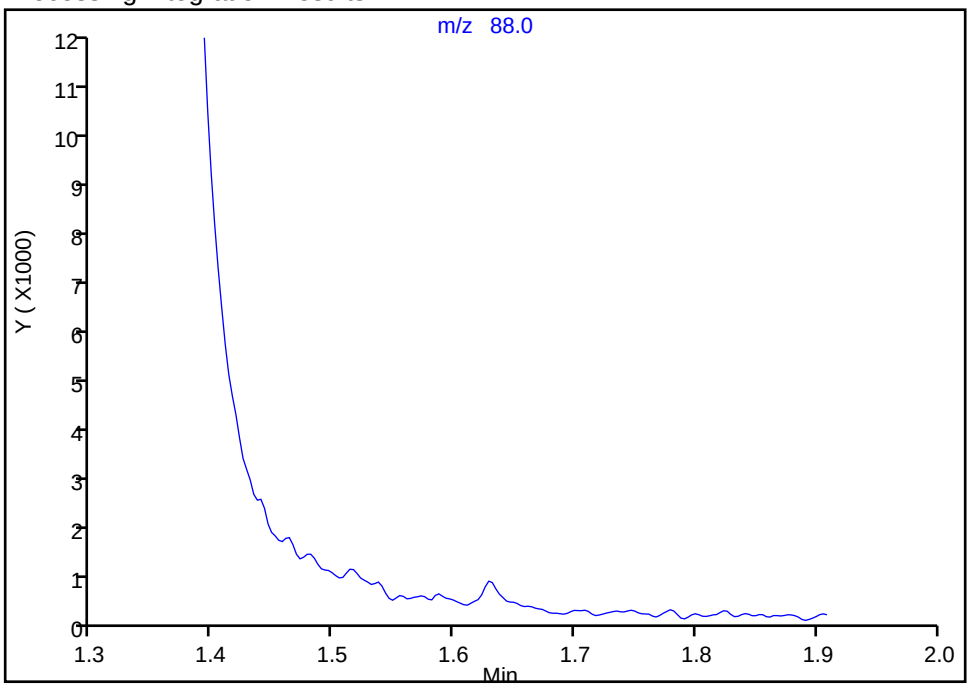
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D
Injection Date: 21-Aug-2020 00:07:30 Instrument ID: CBNAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

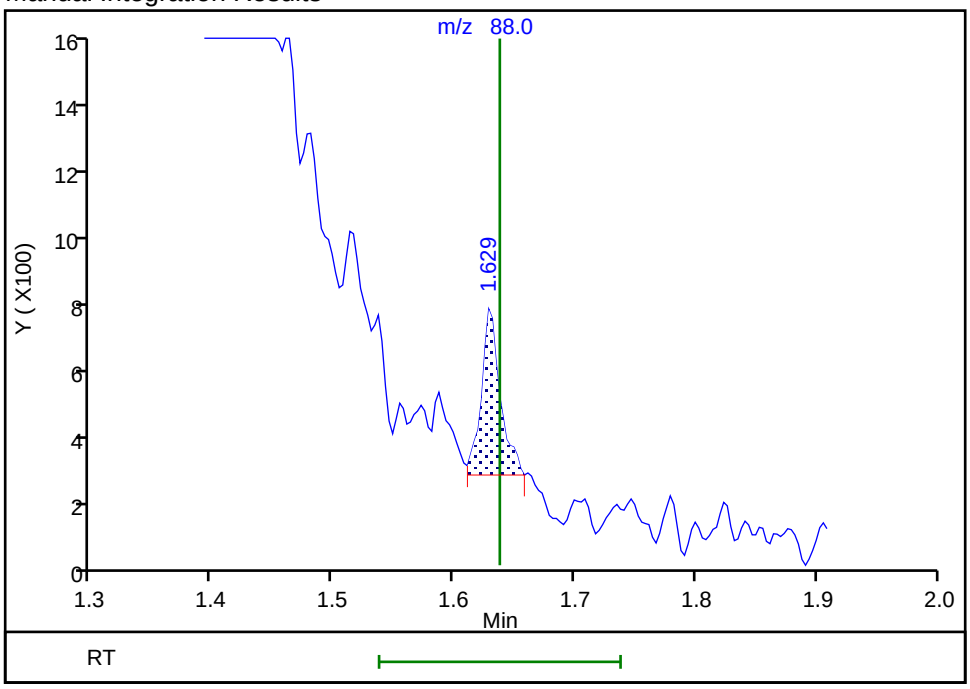
Not Detected
Expected RT: 1.64

Processing Integration Results



Manual Integration Results

RT: 1.63
Area: 523
Amount: 0.414608
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:03:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

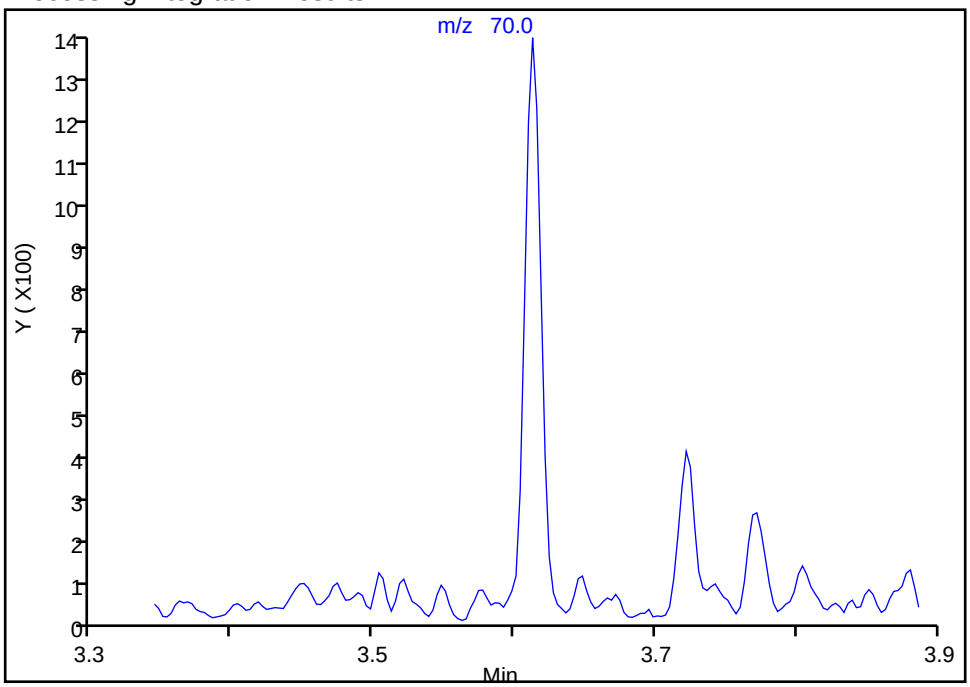
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D
Injection Date: 21-Aug-2020 00:07:30 Instrument ID: CBNAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

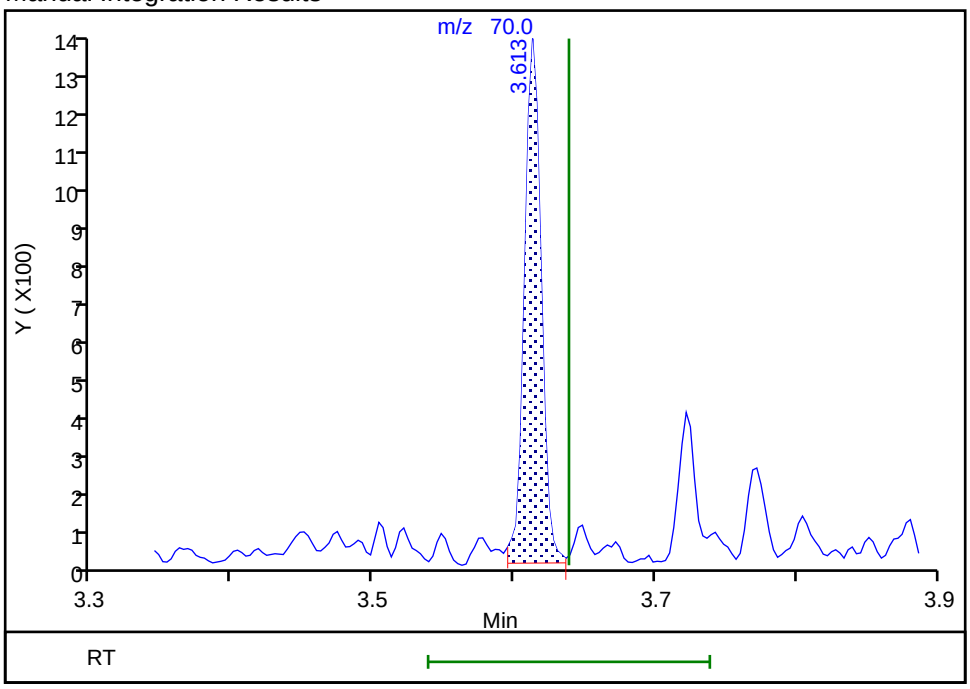
Not Detected
Expected RT: 3.64

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 1093
Amount: 0.482207
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:03:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

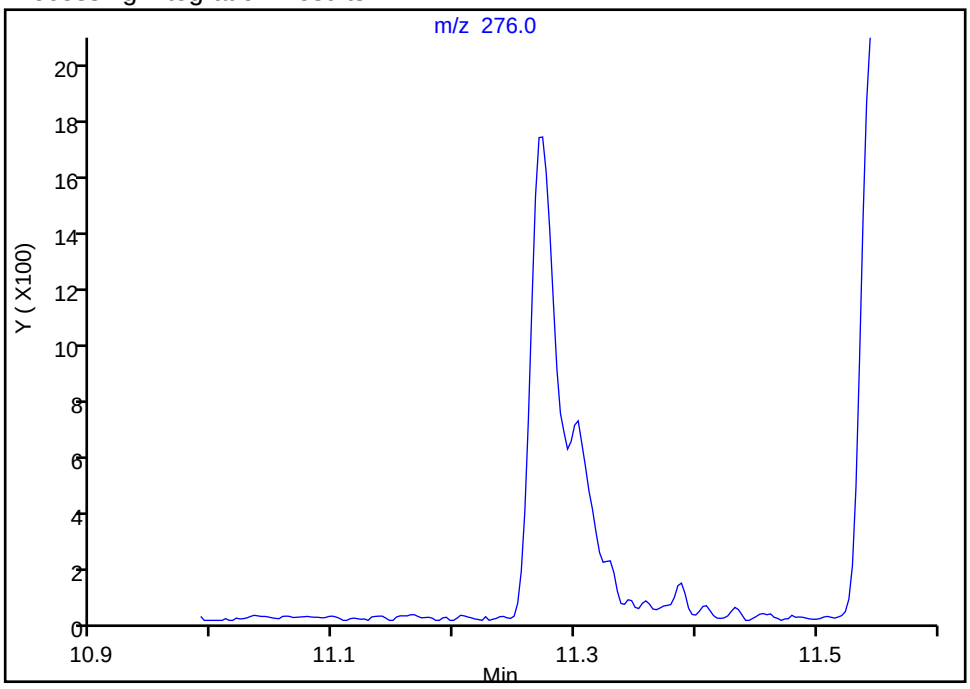
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D
Injection Date: 21-Aug-2020 00:07:30 Instrument ID: CBNAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

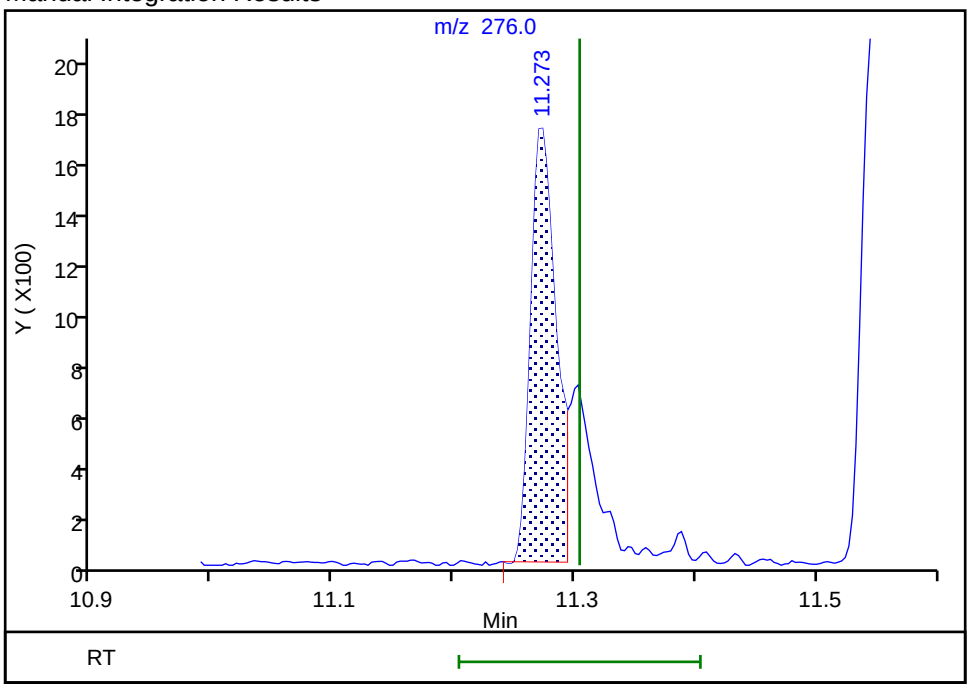
Not Detected
Expected RT: 11.30

Processing Integration Results



Manual Integration Results

RT: 11.27
Area: 2510
Amount: 0.380291
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:04:31
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-708259/10	M134224.D
Level 2	STD02 460-708259/9	M134223.D
Level 3	STD04 460-708259/8	M134222.D
Level 4	STD1 460-708259/7	M134221.D
Level 5	STD2 460-708259/6	M134220.D
Level 6	STD4 460-708259/5	M134219.D
Level 7	ICIS 460-708259/2	M134216.D
Level 8	STD16 460-708259/4	M134218.D
Level 9	STD24 460-708259/3	M134217.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5000	0.4993	0.4725	0.5313 0.4553	0.5611	Ave		0.5032				7.6		20.0			
N-Nitrosodimethylamine	0.7639	0.7897	0.7469	0.7393 0.7382	0.7663	Ave		0.7574				2.6		20.0			
Pyridine	1.2701	1.3050	1.2219	1.2596 1.1706	1.3369	Ave		1.2607				4.7		20.0			
Benzaldehyde	1.2228	1.0458 +++++	1.1621 +++++	1.1936 +++++	1.2348	Ave		1.1718			0.0100	6.5		20.0			
Aniline	2.1756	2.2721	2.1496	2.2575 2.0830	2.2850	Ave		2.2038				3.7		20.0			
Phenol	1.7732	1.8189	1.7099	1.7749 1.6389	1.9609	Ave		1.7795			0.8000	6.1		20.0			
Bis(2-chloroethyl)ether	1.3846 1.3527	1.2316 1.4017	1.3331	1.4487 1.2738	1.4588	Ave		1.3606			0.7000	5.9		20.0			
2-Chlorophenol	1.4085	1.4203	1.3656	1.4170 1.3086	1.4500	Ave		1.3950			0.8000	3.6		20.0			
n-Decane	1.9109	1.9425	1.8481	1.9532 1.8021	1.9351	Ave		1.8987				3.2		20.0			
1,3-Dichlorobenzene	1.6555	1.6550	1.6245	1.7650 1.5666	1.6905	Ave		1.6595				4.0		20.0			
1,4-Dichlorobenzene	1.6718	1.6323	1.6330	1.6634 1.5637	1.7165	Ave		1.6468				3.1		20.0			
Benzyl alcohol	0.8328	0.8549	0.8286	0.8113 0.7908	0.8163	Ave		0.8225				2.6		20.0			
1,2-Dichlorobenzene	1.5724	1.5512	1.5358	1.5953 1.4532	1.6337	Ave		1.5569				3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	2.4737	2.5479	2.4152	2.6779 2.3319	2.6478	Ave		2.5157			0.0100	5.3		20.0			
2-Methylphenol	1.2057	1.2338	1.1746	1.2647 1.1093	1.2651	Ave		1.2089			0.7000	5.0		20.0			
N-Methylaniline	1.8734 2.1133	2.0843 2.1397	2.1117	2.1278 2.0484	2.1310	Ave		2.0787				4.2		20.0			
Acetophenone	1.9777	1.9488	1.8812	2.0607 1.7824	2.0746	Ave		1.9542			0.0100	5.7		20.0			
N-Nitrosodi-n-propylamine	0.8351 1.0564	0.9488 1.0420	0.9997	1.1153 0.9508	1.0687	Ave		1.0021			0.5000	8.9		20.0			
3 & 4 Methylphenol	1.2418	1.2871	1.2317	1.2848 1.1850	1.3184	Ave		1.2581				3.8		20.0			
4-Methylphenol	1.2418	1.2864	1.2279	1.2848 1.1776	1.3184	Ave		1.2561			0.6000	4.0		20.0			
Hexachloroethane	0.5887 0.6949	0.6701 0.6865	0.6628	0.6990 0.6313	0.7083	Ave		0.6677			0.3000	6.0		20.0			
Nitrobenzene	0.4288 0.6509	0.5981 0.6472	0.6307	0.7061 0.5939	0.6545	Ave		0.6138			0.2000	13.5		20.0			
n,n'-Dimethylaniline	2.0558 1.9346	1.8958 1.9530	1.9228	1.9946 1.8750	2.0186	Ave		1.9563				3.2		20.0			
Isophorone	0.6989	0.6834 0.7332	0.7024	0.7336 0.6915	0.7328	Ave		0.7108			0.4000	3.1		20.0			
2-Nitrophenol	0.1979	0.2078	0.1989	0.1922 0.1947	0.1967	Ave		0.1980			0.1000	2.7		20.0			
2,4-Dimethylphenol	0.2981	0.3199	0.3019	0.3064 0.2968	0.3215	Ave		0.3074			0.2000	3.5		20.0			
Bis(2-chloroethoxy)methane	0.4518	0.4754	0.4537	0.4667 0.4394	0.4814	Ave		0.4614			0.3000	3.4		20.0			
Benzoic acid	0.1721	0.1857	0.1942	0.1027 0.1977	0.1402	Lin2	-0.099	0.1977			0.0100	2.6			0.9990		0.9900
2,4-Dichlorophenol	0.3243	0.3264	0.3172	0.3210 0.3060	0.3241	Ave		0.3198			0.2000	2.3		20.0			
1,2,4-Trichlorobenzene	0.3204 0.3666	0.3769 0.3663	0.3642	0.3684 0.3463	0.3822	Ave		0.3614				5.4		20.0			
Naphthalene	0.9974 1.0341	1.0477 1.0749	1.0268	1.0947 0.9886	1.0705	Ave		1.0418			0.7000	3.6		20.0			
4-Chloroaniline	0.4326	0.4435	0.4131	0.4356 0.4021	0.4485	Ave		0.4292			0.0100	4.2		20.0			
Hexachlorobutadiene	0.1857 0.2135	0.2122 0.2227	0.2172	0.2139 0.2125	0.2285	Ave		0.2133			0.0100	5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.0726	0.0412 0.0714	0.0445 0.0704	0.0606 0.0763	0.0655	Lin2	-0.007	0.0717			0.0100	7.7			0.9930		0.9900
4-Chloro-3-methylphenol	0.2831	0.2916	0.2824	0.2730 0.2747	0.2934	Ave		0.2830			0.2000	3.0		20.0			
2-Methylnaphthalene	0.6703	0.6607 0.6740	0.6527	0.7082 0.6357	0.7000	Ave		0.6717			0.4000	3.8		20.0			
1-Methylnaphthalene	0.6278	0.6394 0.6255	0.5951	0.6495 0.5876	0.6574	Ave		0.6260				4.2		20.0			
Hexachlorocyclopentadiene	0.5316	0.5705	0.5840	0.4888 0.5762	0.5275	Ave		0.5464			0.0500	6.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.7226	0.7601	0.7573	0.7297 0.7330	0.7490	Ave		0.7419			0.0100	2.1		20.0			
2-tertbutyl-4-methylphenol	0.3795	0.3664 0.3883	0.3856	0.3723 0.3858	0.3693	Ave		0.3782				2.3		20.0			
2,4,6-Trichlorophenol	0.4430	0.3321 0.4639	0.4580	0.4518 0.4451	0.4665	Ave		0.4372			0.2000	10.8		20.0			
2,4,5-Trichlorophenol	0.4754	0.4858	0.4840	0.4434 0.4777	0.4967	Ave		0.4772			0.2000	3.8		20.0			
1,1'-Biphenyl	1.6333	1.7223	1.6564	1.6600 1.6098	1.7527	Ave		1.6724			0.0100	3.3		20.0			
2-Chloronaphthalene	1.3263	1.3793	1.3403	1.3927 1.3050	1.4260	Ave		1.3616			0.8000	3.3		20.0			
Phenyl ether	0.8637	0.8941	0.9025	0.8574 0.8966	0.8844	Ave		0.8831				2.1		20.0			
2-Nitroaniline	0.4154	0.4301	0.4141	0.3854 0.4097	0.4197	Ave		0.4124			0.0100	3.6		20.0			
1,3-Dimethylnaphthalene	0.9129	0.9503	0.9427	0.9233 0.9526	0.9529	Ave		0.9391				1.8		20.0			
Coumarin	0.2079	0.2066	0.2011	0.2050 0.2092	0.2040	Ave		0.2056				1.4		20.0			
Dimethyl phthalate	1.3403	1.3602	1.3285	1.3641 1.3581	1.3892	Ave		1.3567			0.0100	1.5		20.0			
2,6-Dinitrotoluene	0.2998	0.2567 0.3027	0.3037	0.2979 0.3074	0.2980	Ave		0.2951			0.2000	5.9		20.0			
Acenaphthylene	1.8680	1.9432	1.8823	1.9603 1.8382	1.9987	Ave		1.9151			0.9000	3.2		20.0			
3-Nitroaniline	0.3353	0.3304	0.3227	0.3146 0.3325	0.3390	Ave		0.3291			0.0100	2.7		20.0			
Acenaphthene	1.1278	1.1612	1.1400	1.1793 1.1042	1.2050	Ave		1.1529			0.9000	3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,5-di-tert-butyl-4-hydroxytol	0.9903	1.0503	1.0795	0.9969 1.0757	0.9905	Ave		1.0305				4.2		20.0			
2,4-Dinitrophenol	0.1640	0.1746	0.1839	0.1080 0.1936	0.1365	Lin2	-0.169	0.1877			0.0100	4.0			0.9980		0.9900
Dibenzofuran	1.7560	1.7411	1.7155	1.7764 1.6758	1.8030	Ave		1.7446			0.8000	2.6		20.0			
4-Nitrophenol	0.2787	0.2694	0.2634	0.2325 0.2734	0.2764	Ave		0.2656			0.0100	6.4		20.0			
2,4-Dinitrotoluene	0.3802	0.2647 0.3691	0.3789	0.3270 0.3852	0.3868	Ave		0.3560			0.2000	12.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3387	0.3423	0.3462	0.3134 0.3498	0.3311	Ave		0.3369			0.0100	3.9		20.0			
Diethyl phthalate	1.3628	1.3148	1.3117	1.3227 1.3894	1.4069	Ave		1.3514			0.0100	3.0		20.0			
Fluorene	1.2768	1.2729	1.2538	1.2825 1.2354	1.3434	Ave		1.2775			0.9000	2.9		20.0			
4-Chlorophenyl phenyl ether	0.6373	0.6367	0.6391	0.6519 0.6319	0.6522	Ave		0.6415			0.4000	1.3		20.0			
4-Nitroaniline	0.2948	0.2934	0.3048	0.2645 0.3092	0.3052	Ave		0.2953			0.0100	5.5		20.0			
4,6-Dinitro-2-methylphenol	0.1306	0.1331	0.1399	0.1025 0.1390	0.1202	Ave		0.1276			0.0100	11.1		20.0			
N-Nitrosodiphenylamine	0.5824	0.5969	0.5841	0.6027 0.5592	0.6000	Ave		0.5876			0.0100	2.8		20.0			
1,2-Diphenylhydrazine	0.9851	1.0188	0.9620	1.0401 0.9284	1.0361	Ave		0.9951				4.5		20.0			
4-Bromophenyl phenyl ether	0.2296	0.2370	0.2353	0.2419 0.2218	0.2333	Ave		0.2331			0.1000	2.9		20.0			
Hexachlorobenzene	0.2342 0.2791	0.2721 0.2916	0.2821	0.2943 0.2668	0.2838	Ave		0.2755			0.1000	6.9		20.0			
Atrazine	0.2036	0.1609 0.2114	0.1661 0.2140	0.1946 0.2055	0.2096	Ave		0.1957			0.0100	10.6		20.0			
Pentachlorophenol	0.1328	0.1494	0.1516	0.1026 0.1549	0.1253	Ave		0.1361			0.0500	14.8		20.0			
Pentachloronitrobenzene	0.1183	0.1209	0.1234	0.1161 0.1256	0.1140	Ave		0.1197			0.0100	3.7		20.0			
n-Octadecane	0.6518	0.7076	0.6900	0.6294 0.6606	0.6670	Ave		0.6677				4.2		20.0			
Phenanthrene	1.1370	1.1534	1.1284	1.1763 1.0868	1.1716	Ave		1.1422			0.7000	2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Anthracene	1.1637	1.1713	1.1537	1.1712 1.1120	1.1915	Ave		1.1606			0.7000	2.3		20.0			
Carbazole	1.0012	1.0193	1.0113	0.9513 0.9820	1.0370	Ave		1.0003			0.0100	3.0		20.0			
Di-n-butyl phthalate	1.3021	1.3471	1.3742	1.1752 1.3682	1.2771	Ave		1.3073			0.0100	5.7		20.0			
Fluoranthene	1.1133	1.1204	1.1170	1.0362 1.1100	1.1066	Ave		1.1006			0.6000	2.9		20.0			
Benzidine	0.6289	0.5711	0.6275	0.4525 0.6267	0.5754	Ave		0.5804				11.7		20.0			
Pyrene	1.5536	1.5658	1.5181	1.7197 1.4961	1.6347	Ave		1.5814			0.6000	5.2		20.0			
Bisphenol-A	0.6927	0.6673	0.7535	0.6186 0.6999	0.6567	Ave		0.6814				6.7		20.0			
Butyl benzyl phthalate	0.6849	0.7385	0.7175	0.6330 0.7251	0.6900	Ave		0.6982			0.0100	5.4		20.0			
2,3,7,8-TCDD		0.1500				Ave		0.1500						20.0			
Carbamazepine	0.5681	0.5965	0.6117	0.4217 0.6441	0.4912	Ave		0.5556				15.0		20.0			
Benzo[a]anthracene	1.3949 1.3336	1.3213 1.3564	1.3305	1.3738 1.3547	1.3545	Ave		1.3525			0.8000	1.8		20.0			
3,3'-Dichlorobenzidine	0.5387	0.3547 0.5330	0.5366	0.4685 0.5469	0.5085	Ave		0.4981			0.0100	13.8		20.0			
Chrysene	1.3522	1.2547 1.3562	1.3241	1.4569 1.3175	1.4324	Ave		1.3563			0.7000	5.1		20.0			
Bis(2-ethylhexyl) phthalate	1.0260	0.8006 1.0639	0.7834 1.0663	0.9410 1.0758	1.0061	Ave		0.9704			0.0100	12.2		20.0			
Di-n-octyl phthalate	1.5305	1.6437	1.6466	1.2608 1.6357	1.4922	Ave		1.5349			0.0100	9.7		20.0			
Benzo[b]fluoranthene	0.9655 1.1451	0.9818 1.1768	1.1720	1.0792 1.1625	1.1519	Ave		1.1044			0.7000	7.8		20.0			
Benzo[k]fluoranthene	1.0519 1.2607	1.0971 1.2740	1.2240	1.2284 1.2448	1.2751	Ave		1.2070			0.7000	7.0		20.0			
Benzo[a]pyrene	0.7046 1.0404	0.8703 1.0720	1.0723	1.0056 1.0649	1.0667	Ave		0.9871			0.7000	13.5		20.0			
Indeno[1,2,3-cd]pyrene	0.9480 1.1321	0.9802 1.1732	1.1841	1.1217 1.2627	1.1437	Ave		1.1182			0.5000	9.4		20.0			
Dibenz(a,h)anthracene	0.9312 1.1597	0.9565 1.1651	1.1933	1.2063 1.1729	1.1419	Ave		1.1159			0.4000	9.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzo[g,h,i]perylene	1.2758	1.3035	1.3293	1.3248 1.4263	1.3332	Ave		1.3322			0.5000	3.8		20.0			
2-Fluorophenol (Surr)	1.2283	1.0528 1.2916	1.3030	1.1911 1.2939	1.2035	Ave		1.2235				7.2		20.0			
Phenol-d5 (Surr)	1.6272	1.6030 1.7003	1.6833	1.6384 1.6554	1.7010	Ave		1.6584				2.3		20.0			
Nitrobenzene-d5 (Surr)	0.4162 0.4186	0.3889 0.4481	0.4524	0.4344 0.4427	0.4325	Ave		0.4292				4.8		20.0			
2-Fluorobiphenyl	1.6043 1.4909	1.5990 1.6222	1.6166	1.5605 1.6131	1.5557	Ave		1.5828				2.8		20.0			
2,4,6-Tribromophenol (Surr)	0.1955	0.1584 0.2057	0.2216	0.1859 0.2280	0.1893	Ave		0.1978				11.9		20.0			
Terphenyl-d14 (Surr)	1.0807 0.9052	1.1012 0.9769	0.9918	0.9711 1.0070	0.9845	Ave		1.0023				6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-708259/10	M134224.D
Level 2	STD02 460-708259/9	M134223.D
Level 3	STD04 460-708259/8	M134222.D
Level 4	STD1 460-708259/7	M134221.D
Level 5	STD2 460-708259/6	M134220.D
Level 6	STD4 460-708259/5	M134219.D
Level 7	ICIS 460-708259/2	M134216.D
Level 8	STD16 460-708259/4	M134218.D
Level 9	STD24 460-708259/3	M134217.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	29509	83955	122981	9091 182803	17005	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd 4	Ave	45079	132779	194387	12651 296411	23223	4.00	10.0	16.0	1.00 24.0	2.00
Pyridine	DCBd 4	Ave	149907	438848	636038	43110 940124	81032	8.00	20.0	32.0	2.00 48.0	4.00
Benzaldehyde	DCBd 4	Ave	57730	3861 +++++	7107 +++++	20425 +++++	37421	3.20	0.200 +++++	0.400 +++++	1.00 +++++	2.00
Aniline	DCBd 4	Ave	128397	382028	559476	38630 836413	69246	4.00	10.0	16.0	1.00 24.0	2.00
Phenol	DCBd 4	Ave	104647	305826	445032	30373 658102	59427	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	2467 79832	4547 235677	346962	24791 511478	44210	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd 4	Ave	83124	238809	355427	24248 525464	43944	4.00	10.0	16.0	1.00 24.0	2.00
n-Decane	DCBd 4	Ave	112773	326619	480997	33423 723631	58645	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	97702	278269	422814	30203 629059	51231	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	98660	274457	425013	28464 627895	52019	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	49148	143750	215666	13883 317541	24739	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	92796	260817	399729	27299 583538	49509	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	145987	428399	628598	45825 936349	80243	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylphenol	DCBd 4	Ave	71154	207460	305714	21641 445426	38340	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	3338 124718	7695 359774	549607	36412 822510	64580	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	116714	327671	489611	35263 715708	62871	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1488 62346	3503 175200	260199	19086 381774	32387	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	73286	216420	320586	21985 475834	39953	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	73286	216295	319594	21985 472851	39953	4.00	10.0	16.0	1.00 24.0	2.00
Hexachloroethane	DCBd 4	Ave	1049 41008	2474 115430	172514	11962 253483	21466	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	764 38415	2208 108826	164157	12083 238497	19835	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	3663 114172	6999 328385	500454	34132 752914	61174	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	145884	9139 422180	634068	46325 943979	78691	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	41301	119633	179543	12135 265756	21119	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	62218	184173	272502	19351 405150	34520	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	94312	273732	409594	29470 599743	51696	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin2	35931	106918	175294	6488 269829	15058	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	67687	187919	286311	20272 417647	34800	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	2088 76512	5040 210894	328758	23262 472722	41046	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	6499 215850	14011 618955	926901	69130 1349428	114948	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	90294	255388	372895	27506 548882	48162	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	1210 44561	2838 128230	196098	13507 290086	24533	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Lin2	12118	551 16449	990 19077	3824 27771	7033	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
4-Chloro-3-methylphenol	NPT	Ave	59100	167905	254938	17239 374979	31509	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	139911	8836 388074	589252	44723 867755	75171	4.00	0.200 10.0	16.0	1.00 24.0	2.00
1-Methylnaphthalene	NPT	Ave	131045	8551 360170	537229	41013 802093	70596	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	52118	147718	237634	14695 354270	26194	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	70837	196818	308142	21938 450641	37195	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	79211	4900 223591	348062	23512 526615	39660	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	43427	2187 120125	186365	13582 273683	23168	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	46608	125783	196921	13330 293696	24667	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	160124	445954	673965	49907 989700	87043	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	130021	357150	545343	41870 802352	70815	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	84679	231502	367213	25776 551252	43919	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	40727	111358	168512	11587 251875	20845	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	89500	246055	383594	27759 585668	47323	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	43391	118964	181525	12946 285519	21903	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	131397	352215	540546	41010 834979	68988	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	29387	1690 78374	123567	8955 189020	14797	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	183133	503172	765892	58935 1130156	99256	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	32869	85554	131305	9458 204416	16834	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave	110570	300681	463875	35454 678908	59842	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	97081	271963	439236	29971 661339	49192	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dinitrophenol	ANT	Lin2	32150	90409	149633	6494 238101	13553	8.00	20.0	32.0	2.00 48.0	4.00
Dibenzofuran	ANT	Ave	172149	450825	698030	53405 1030318	89542	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Nitrophenol	ANT	Ave	54654	139530	214333	13979 336234	27448	8.00	20.0	32.0	2.00 48.0	4.00
2,4-Dinitrotoluene	ANT	Ave	37272	1743 95575	154172	9831 236830	19211	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	33203	88624	140872	9421 215054	16444	4.00	10.0	16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	133602	340452	533718	39764 854220	69869	4.00	10.0	16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	125175	329589	510181	38556 759548	66716	4.00	10.0	16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	62483	164860	260036	19599 388528	32388	4.00	10.0	16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	28900	75971	124002	7953 190121	15157	4.00	10.0	16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	39240	100463	170496	8916 271855	18227	8.00	20.0	32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	87511	225247	355955	26203 546694	45508	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	148016	384422	586238	45219 907661	78581	4.00	10.0	16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	34493	89418	143373	10516 216868	17693	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	1124 41934	2610 110038	171909	12795 260789	21528	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	24478	1544 31912	2680 39113	8461 53581	15897	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Pentachlorophenol	PHN	Ave	39896	112729	184769	8920 302940	19014	8.00	20.0	32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	17770	45623	75196	5048 122775	8645	4.00	10.0	16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave	97943	266992	420434	27362 645799	50586	4.00	10.0	16.0	1.00 24.0	2.00
Phenanthrene	PHN	Ave	170839	435213	687629	51138 1062431	88864	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	174858	441968	703038	50915 1087132	90374	4.00	10.0	16.0	1.00 24.0	2.00
Carbazole	PHN	Ave	150434	384641	616230	41357 960032	78651	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	195644	508309	837389	51091 1337537	96861	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	167275	422769	680680	45050 1085151	83929	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzidine	PHN	Ave	94496	215517	382404	19672 612688	43639	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	172974	435283	700447	46126 1093066	87743	4.00	10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	77119	185502	347671	16593 511330	35246	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	76257	205309	331036	16978 529778	37034	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		417					0.100			
Carbamazepine	CRY	Ave	63251	165824	282217	11311 470596	26365	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	3582 148476	7361 377080	613894	36847 989725	72703	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	59974	1976 148167	247588	12565 399550	27292	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	150548	6990 377002	610931	39077 962560	76883	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	114229	4460 295757	8460 491981	25240 785977	54001	4.00	0.200 10.0	0.400 16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	194575	517013	843634	37320 1368514	89836	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	2816 145573	6013 370139	600484	31944 972586	69347	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	3068 160276	6719 400705	627095	36361 1041447	76766	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]pyrene	PRY	Ave	2055 132269	5330 337183	549384	29764 890989	64216	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	2765 143916	6003 369025	606661	33202 1056434	68851	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	2716 147427	5858 366457	611404	35706 981345	68748	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	162190	410002	681054	39214 1193365	80264	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	72490	3887 217164	339126	20383 519553	36472	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	96029	5918 285885	438113	28037 664698	51548	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	2712 87364	5201 258020	408389	27432 604363	46438	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	5141 146160	10529 420040	657769	46915 991761	77259	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 708259

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/14/2020 15:13 Calibration End Date: 07/14/2020 18:01 Calibration ID: 80995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4,6-Tribromophenol (Surr)	ANT	Ave	19165	1043 53253	90156	5588 140181	9400	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	2775 100778	6135 271558	457586	26048 735690	52843	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134216.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 14-Jul-2020 15:13:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:31:29 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 14-Jul-2020 15:32:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.210	1.210	0.000	97	83955	10.0	9.92	
2 N-Nitrosodimethylamine	74	1.382	1.382	0.000	79	132779	10.0	10.4	
3 Pyridine	79	1.405	1.405	0.000	86	438848	20.0	20.7	
$ 4 2-Fluorophenol	112	2.372	2.372	0.000	94	217164	10.0	10.6	
5 Benzaldehyde	77	3.134	3.134	0.000	94	52035	4.00	2.64	
8 Aniline	93	3.249	3.249	0.000	99	382028	10.0	10.3	
$ 6 Phenol-d5	99	3.259	3.259	0.000	96	285885	10.0	10.3	
7 Phenol	94	3.272	3.272	0.000	98	305826	10.0	10.2	
9 Bis(2-chloroethyl)ether	93	3.320	3.320	0.000	94	235677	10.0	10.3	
10 Benzonitrile	103	3.323	3.323	0.000	100	460867	NC	NC	
11 2-Chlorophenol	128	3.374	3.374	0.000	92	238809	10.0	10.2	
12 n-Decane	43	3.435	3.435	0.000	96	326619	10.0	10.2	
13 1,3-Dichlorobenzene	146	3.515	3.515	0.000	95	278269	10.0	9.97	
* 14 1,4-Dichlorobenzene-d4	152	3.572	3.572	0.000	98	134513	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.588	3.588	0.000	93	274457	10.0	9.91	
16 Benzyl alcohol	108	3.732	3.732	0.000	90	143750	10.0	10.4	
17 1,2-Dichlorobenzene	146	3.738	3.738	0.000	95	260817	10.0	9.96	
19 2,2'-oxybis[1-chloropropane]	45	3.863	3.863	0.000	91	428399	10.0	10.1	
18 2-Methylphenol	108	3.872	3.872	0.000	84	207460	10.0	10.2	
20 N-Methylaniline	106	3.978	3.978	0.000	94	359774	10.0	10.3	
21 Acetophenone	105	3.984	3.984	0.000	96	327671	10.0	9.97	
22 N-Nitrosodi-n-propylamine	70	3.997	3.997	0.000	91	175200	10.0	10.4	
23 3 & 4 Methylphenol	108	4.032	4.032	0.000	64	216420	10.0	10.2	
24 4-Methylphenol	108	4.032	4.032	0.000	94	216295	10.0	10.2	
25 Hexachloroethane	117	4.067	4.067	0.000	95	115430	10.0	10.3	
$ 27 Nitrobenzene-d5	82	4.128	4.128	0.000	91	258020	10.0	10.4	
28 Nitrobenzene	123	4.144	4.144	0.000	91	108826	10.0	10.5	
29 n,n'-Dimethylaniline	120	4.154	4.154	0.000	93	328385	10.0	9.98	
30 Isophorone	82	4.383	4.383	0.000	99	422180	10.0	10.3	
32 2-Nitrophenol	139	4.460	4.460	0.000	85	119633	10.0	10.5	
33 2,4-Dimethylphenol	122	4.546	4.546	0.000	88	184173	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.620	4.620	0.000	96	273732	10.0	10.3	
35 Benzoic acid	122	4.681	4.681	0.000	91	106918	10.0	9.89	
36 2,4-Dichlorophenol	162	4.713	4.713	0.000	94	187919	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	4.777	4.777	0.000	95	210894	10.0	10.1	
* 38 Naphthalene-d8	136	4.824	4.824	0.000	100	460647	8.00	8.00	
39 Naphthalene	128	4.844	4.844	0.000	98	618955	10.0	10.3	
40 4-Chloroaniline	127	4.920	4.920	0.000	95	255388	10.0	10.3	
130 2,6-Dichlorophenol	162	4.927	4.927	0.000	92	182398	NC	NC	
41 Hexachlorobutadiene	225	4.984	4.984	0.000	94	128230	10.0	10.4	
42 Caprolactam	113	5.246	5.246	0.000	88	16449	4.00	4.09	
43 4-Chloro-3-methylphenol	107	5.431	5.431	0.000	97	167905	10.0	10.3	
44 2-Methylnaphthalene	142	5.518	5.518	0.000	83	388074	10.0	10.0	
45 1-Methylnaphthalene	142	5.610	5.610	0.000	92	360170	10.0	10.0	
46 Hexachlorocyclopentadiene	237	5.684	5.684	0.000	97	147718	10.0	10.4	
47 1,2,4,5-Tetrachlorobenzene	216	5.687	5.687	0.000	96	196818	10.0	10.2	
48 2-tertbutyl-4-methylphenol	149	5.760	5.760	0.000	87	223591	10.0	10.3	
49 2,4,6-Trichlorophenol	196	5.812	5.812	0.000	88	120125	10.0	10.6	
50 2,4,5-Trichlorophenol	196	5.850	5.850	0.000	94	125783	10.0	10.2	
$ 51 2-Fluorobiphenyl	172	5.885	5.885	0.000	97	420040	10.0	10.2	
52 1,1'-Biphenyl	154	5.975	5.975	0.000	97	445954	10.0	10.3	
53 2-Chloronaphthalene	162	5.981	5.981	0.000	99	357150	10.0	10.1	
54 Phenyl ether	170	6.077	6.077	0.000	89	231502	10.0	10.1	
55 2-Nitroaniline	65	6.099	6.099	0.000	96	111358	10.0	10.4	
57 1,3-Dimethylnaphthalene	156	6.195	6.195	0.000	89	246055	10.0	10.1	
60 Coumarin	146	6.281	6.281	0.000	78	118964	10.0	10.0	
59 Dimethyl phthalate	163	6.288	6.288	0.000	97	352215	10.0	10.0	
61 2,6-Dinitrotoluene	165	6.336	6.336	0.000	92	78374	10.0	10.3	
62 Acenaphthylene	152	6.368	6.368	0.000	97	503172	10.0	10.1	
63 3-Nitroaniline	138	6.492	6.492	0.000	94	85554	10.0	10.0	
* 64 Acenaphthene-d10	164	6.505	6.505	0.000	98	207149	8.00	8.00	
66 Acenaphthene	154	6.537	6.537	0.000	97	300681	10.0	10.1	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.566	6.566	0.000	98	271963	10.0	10.2	
67 2,4-Dinitrophenol	184	6.592	6.592	0.000	90	90409	20.0	19.5	
70 Dibenzofuran	168	6.703	6.703	0.000	96	450825	10.0	9.98	
68 4-Nitrophenol	65	6.710	6.710	0.000	84	139530	20.0	20.3	
69 2,4-Dinitrotoluene	165	6.713	6.713	0.000	93	95575	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	6.838	6.838	0.000	92	88624	10.0	10.2	
73 Diethyl phthalate	149	6.962	6.962	0.000	97	340452	10.0	9.73	
75 Fluorene	166	7.023	7.023	0.000	93	329589	10.0	9.96	
74 4-Chlorophenyl phenyl ether	204	7.042	7.042	0.000	87	164860	10.0	9.92	
76 4-Nitroaniline	138	7.071	7.071	0.000	93	75971	10.0	9.93	
77 4,6-Dinitro-2-methylphenol	198	7.100	7.100	0.000	83	100463	20.0	20.9	
78 N-Nitrosodiphenylamine	169	7.157	7.157	0.000	56	225247	10.0	10.2	
79 1,2-Diphenylhydrazine	77	7.189	7.189	0.000	97	384422	10.0	10.2	
$ 80 2,4,6-Tribromophenol	330	7.257	7.257	0.000	93	53253	10.0	10.4	
81 4-Bromophenyl phenyl ether	248	7.496	7.496	0.000	84	89418	10.0	10.2	
82 Hexachlorobenzene	284	7.547	7.547	0.000	98	110038	10.0	10.6	
83 Atrazine	200	7.681	7.681	0.000	87	31912	4.00	4.32	
84 Pentachlorophenol	266	7.745	7.745	0.000	93	112729	20.0	22.0	
85 Pentachloronitrobenzene	237	7.755	7.755	0.000	86	45623	10.0	10.1	
86 n-Octadecane	57	7.870	7.870	0.000	95	266992	10.0	10.6	
* 87 Phenanthrene-d10	188	7.899	7.899	0.000	99	301872	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.921	7.921	0.000	98	435213	10.0	10.1	
89 Anthracene	178	7.969	7.969	0.000	98	441968	10.0	10.1	
90 Carbazole	167	8.139	8.139	0.000	96	384641	10.0	10.2	
91 Di-n-butyl phthalate	149	8.506	8.506	0.000	99	508309	10.0	10.3	
92 Fluoranthene	202	9.036	9.036	0.000	97	422769	10.0	10.2	
93 Benzidine	184	9.189	9.189	0.000	99	215517	10.0	9.84	
94 Pyrene	202	9.244	9.244	0.000	96	435283	10.0	9.90	
95 Bisphenol-A	213	9.349	9.349	0.000	97	185502	10.0	9.79	M
$ 96 Terphenyl-d14	244	9.423	9.423	0.000	99	271558	10.0	9.75	
97 Butyl benzyl phthalate	149	9.908	9.908	0.000	97	205309	10.0	10.6	
98 2,3,7,8-TCDD	320	9.966	9.966	0.000	1	417	0.1000	0.1000	a
99 Carbamazepine	193	9.982	9.982	0.000	91	165824	10.0	10.7	
101 Benzo[a]anthracene	228	10.387	10.387	0.000	100	377080	10.0	10.0	
100 3,3'-Dichlorobenzidine	252	10.387	10.387	0.000	99	148167	10.0	10.7	
* 102 Chrysene-d12	240	10.397	10.397	0.000	98	222393	8.00	8.00	
104 Chrysene	228	10.423	10.423	0.000	97	377002	10.0	10.0	
103 Bis(2-ethylhexyl) phthalate	149	10.493	10.493	0.000	87	295757	10.0	11.0	
105 Di-n-octyl phthalate	149	11.221	11.221	0.000	97	517013	10.0	10.7	
106 Benzo[b]fluoranthene	252	11.585	11.585	0.000	97	370139	10.0	10.7	
107 Benzo[k]fluoranthene	252	11.617	11.617	0.000	99	400705	10.0	10.6	
108 Benzo[a]pyrene	252	11.978	11.978	0.000	95	337183	10.0	10.9	
* 109 Perylene-d12	264	12.049	12.049	0.000	98	251627	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.426	13.426	0.000	97	369025	10.0	10.5	
111 Dibenz(a,h)anthracene	278	13.464	13.464	0.000	97	366457	10.0	10.4	
112 Benzo[g,h,i]perylene	276	13.761	13.761	0.000	95	410002	10.0	9.78	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 15-Jul-2020 07:31:30 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134216.D

Injection Date: 14-Jul-2020 15:13:30 Instrument ID: CBNAMS17 Operator ID:

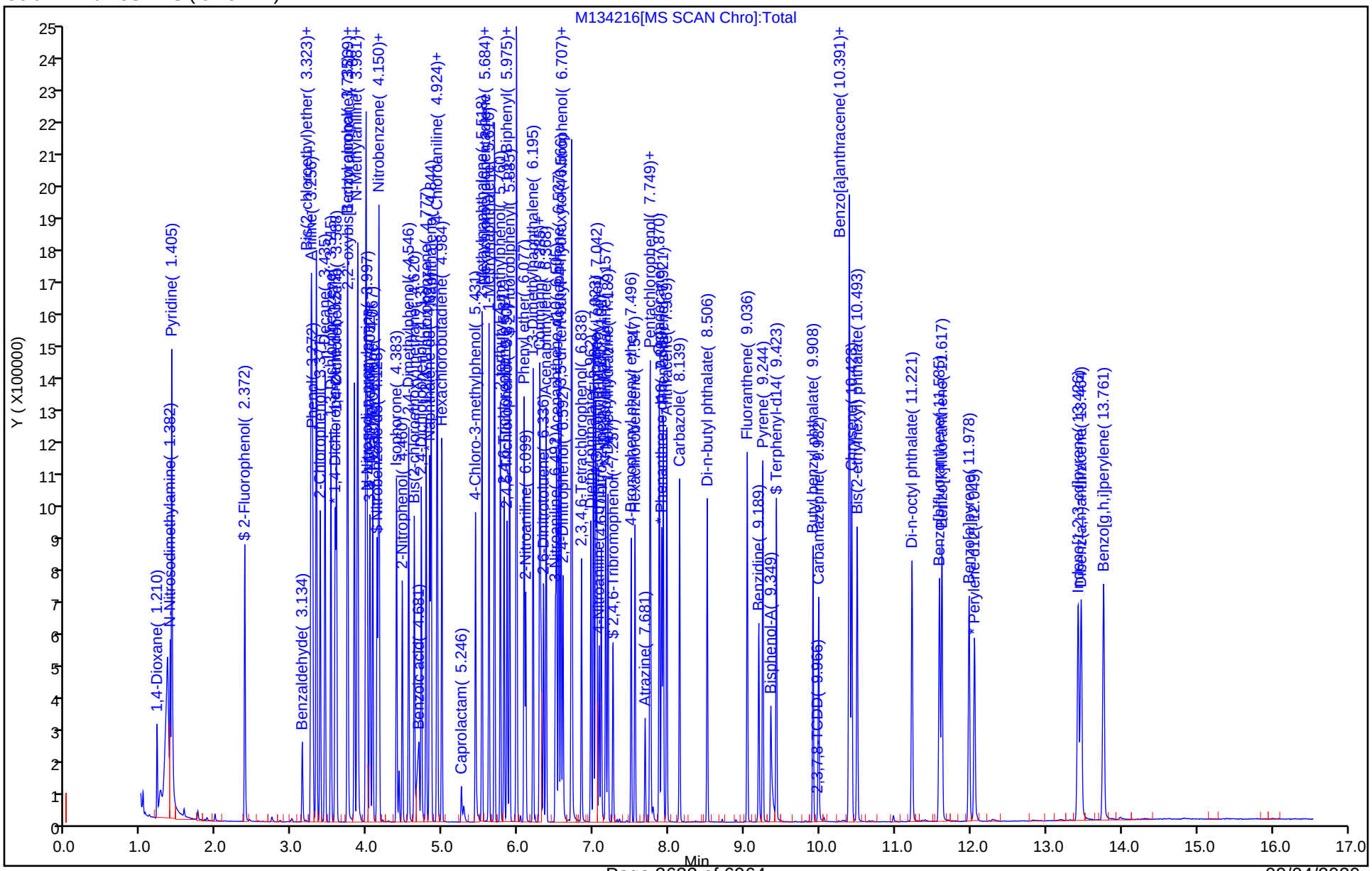
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

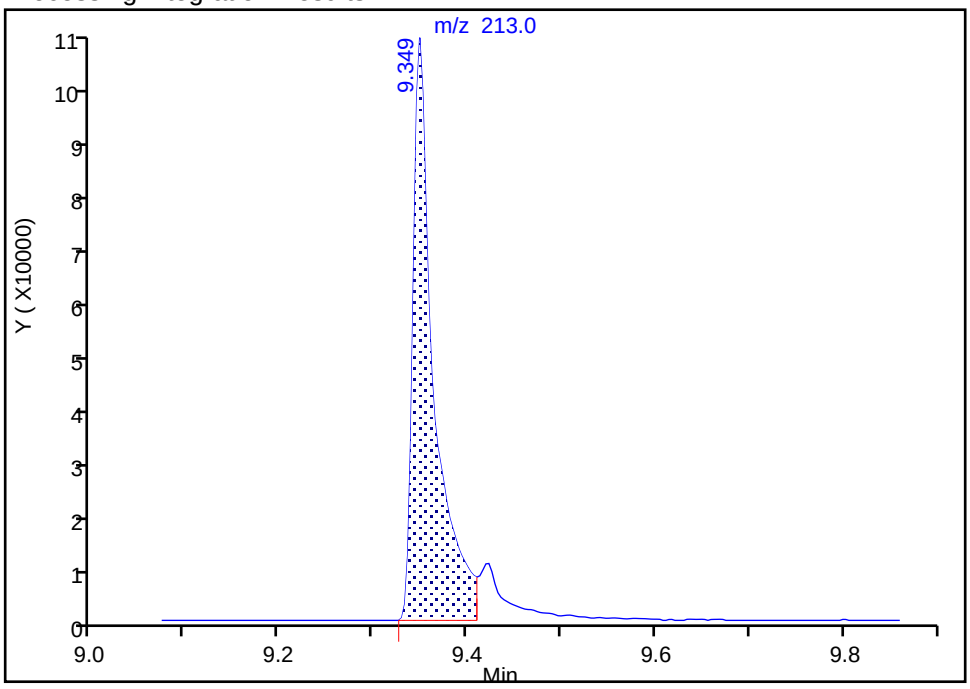
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134216.D				
Injection Date:	14-Jul-2020 15:13:30	Instrument ID:	CBNAMS17		
Lims ID:	icis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

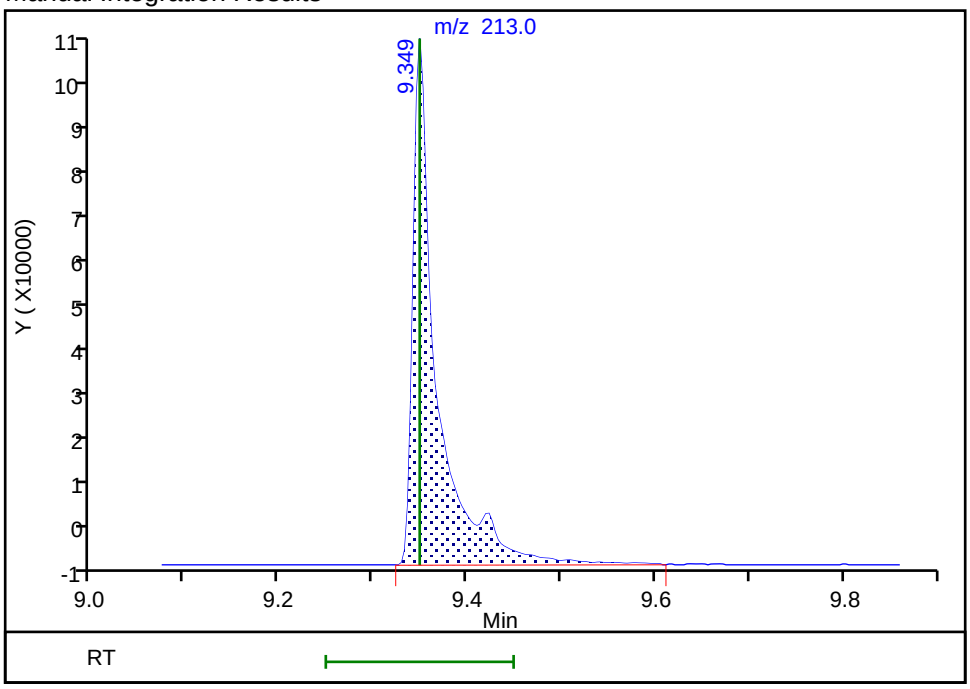
Processing Integration Results

RT: 9.35
Area: 162737
Amount: 8.994867
Amount Units: ug/ml



Manual Integration Results

RT: 9.35
Area: 185502
Amount: 9.792279
Amount Units: ug/ml



Reviewer: johnstonm1, 14-Jul-2020 15:32:15
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

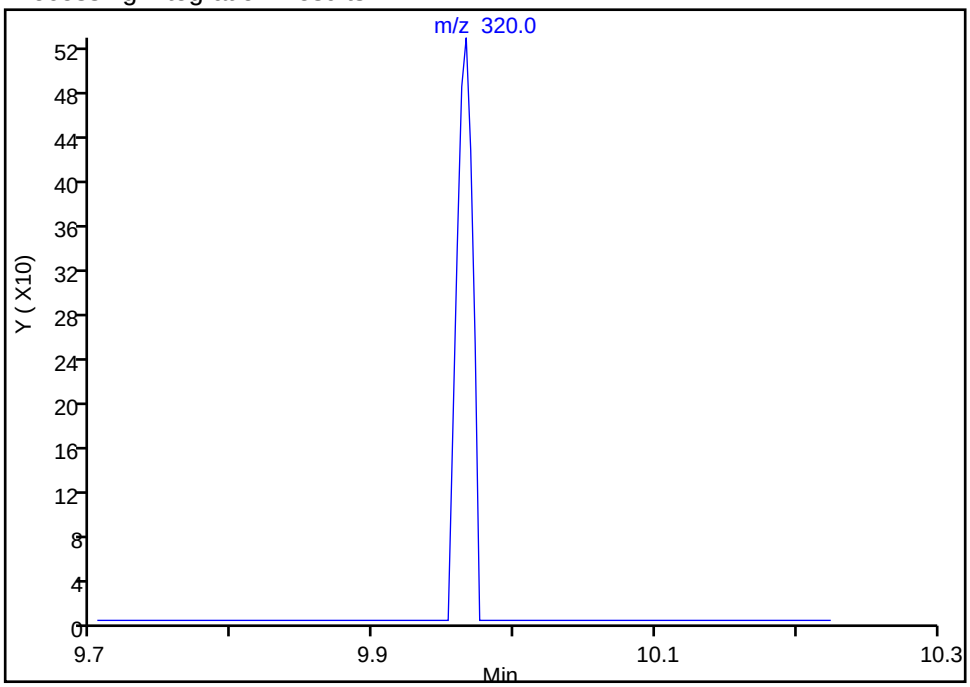
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134216.D
Injection Date: 14-Jul-2020 15:13:30 Instrument ID: CBNAMS17
Lims ID: icis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

98 2,3,7,8-TCDD, CAS: 1746-01-6

Signal: 1

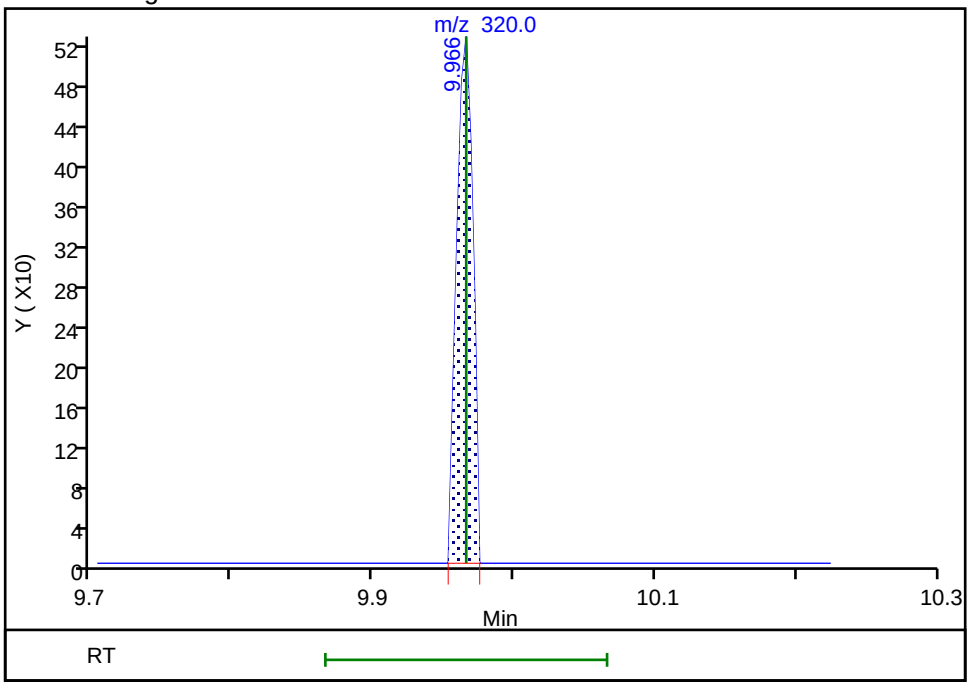
Not Detected
Expected RT: 9.97

Processing Integration Results



Manual Integration Results

RT: 9.97
Area: 417
Amount: 0.100000
Amount Units: ug/ml



Reviewer: johnstonm1, 14-Jul-2020 15:33:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134217.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 14-Jul-2020 15:34:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-003
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:31:36 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:17:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.204	1.210	-0.006	96	182803	24.0	21.7	
2 N-Nitrosodimethylamine	74	1.379	1.382	-0.003	79	296411	24.0	23.4	
3 Pyridine	79	1.395	1.405	-0.010	85	940124	48.0	44.6	
$ 4 2-Fluorophenol	112	2.365	2.372	-0.007	93	519553	24.0	25.4	
5 Benzaldehyde	77	3.128	3.134	-0.006	94	48915	6.40	2.49	
8 Aniline	93	3.246	3.249	-0.003	99	836413	24.0	22.7	
$ 6 Phenol-d5	99	3.259	3.259	0.000	96	664698	24.0	24.0	
7 Phenol	94	3.275	3.272	0.003	98	658102	24.0	22.1	
9 Bis(2-chloroethyl)ether	93	3.317	3.320	-0.003	92	511478	24.0	22.5	
10 Benzonitrile	103	3.323	3.323	0.000	99	1049807	NC	NC	
11 2-Chlorophenol	128	3.371	3.374	-0.003	93	525464	24.0	22.5	
12 n-Decane	43	3.432	3.435	-0.003	95	723631	24.0	22.8	
13 1,3-Dichlorobenzene	146	3.512	3.515	-0.003	95	629059	24.0	22.7	
* 14 1,4-Dichlorobenzene-d4	152	3.566	3.572	-0.006	97	133848	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.585	3.588	-0.003	94	627895	24.0	22.8	
16 Benzyl alcohol	108	3.732	3.732	0.000	91	317541	24.0	23.1	
17 1,2-Dichlorobenzene	146	3.735	3.738	-0.003	94	583538	24.0	22.4	
19 2,2'-oxybis[1-chloropropane]	45	3.863	3.863	0.000	91	936349	24.0	22.2	
18 2-Methylphenol	108	3.873	3.872	0.001	85	445426	24.0	22.0	
20 N-Methylaniline	106	3.978	3.978	0.000	97	822510	24.0	23.6	a
21 Acetophenone	105	3.988	3.984	0.004	95	715708	24.0	21.9	
22 N-Nitrosodi-n-propylamine	70	4.000	3.997	0.003	89	381774	24.0	22.8	
23 3 & 4 Methylphenol	108	4.036	4.032	0.004	64	475834	24.0	22.6	
24 4-Methylphenol	108	4.036	4.032	0.004	94	472851	24.0	22.5	
25 Hexachloroethane	117	4.068	4.067	0.001	94	253483	24.0	22.7	
$ 27 Nitrobenzene-d5	82	4.128	4.128	0.000	91	604363	24.0	24.8	
28 Nitrobenzene	123	4.151	4.144	0.007	90	238497	24.0	23.2	
29 n,n'-Dimethylaniline	120	4.157	4.154	0.003	93	752914	24.0	23.0	
30 Isophorone	82	4.390	4.383	0.007	98	943979	24.0	23.3	
32 2-Nitrophenol	139	4.461	4.460	0.001	85	265756	24.0	23.6	
33 2,4-Dimethylphenol	122	4.550	4.546	0.004	88	405150	24.0	23.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.620	4.620	0.000	96	599743	24.0	22.9	
35 Benzoic acid	122	4.719	4.681	0.038	89	269829	24.0	24.5	
36 2,4-Dichlorophenol	162	4.716	4.713	0.003	94	417647	24.0	23.0	
37 1,2,4-Trichlorobenzene	180	4.777	4.777	0.000	94	472722	24.0	23.0	
* 38 Naphthalene-d8	136	4.825	4.824	0.001	100	455017	8.00	8.00	
39 Naphthalene	128	4.844	4.844	0.000	99	1349428	24.0	22.8	
40 4-Chloroaniline	127	4.924	4.920	0.004	96	548882	24.0	22.5	
130 2,6-Dichlorophenol	162	4.931	4.927	0.003	95	402843	NC	NC	
41 Hexachlorobutadiene	225	4.985	4.984	0.001	95	290086	24.0	23.9	
42 Caprolactam	113	5.330	5.246	0.084	87	27771	6.40	6.91	M
43 4-Chloro-3-methylphenol	107	5.435	5.431	0.004	97	374979	24.0	23.3	
44 2-Methylnaphthalene	142	5.518	5.518	0.000	83	867755	24.0	22.7	
45 1-Methylnaphthalene	142	5.611	5.610	0.001	92	802093	24.0	22.5	
46 Hexachlorocyclopentadiene	237	5.685	5.684	0.001	97	354270	24.0	25.3	
47 1,2,4,5-Tetrachlorobenzene	216	5.688	5.687	0.001	97	450641	24.0	23.7	
48 2-tertbutyl-4-methylphenol	149	5.765	5.760	0.005	87	526615	24.0	24.5	
49 2,4,6-Trichlorophenol	196	5.813	5.812	0.000	87	273683	24.0	24.4	
50 2,4,5-Trichlorophenol	196	5.851	5.850	0.001	95	293696	24.0	24.0	
$ 51 2-Fluorobiphenyl	172	5.886	5.885	0.001	97	991761	24.0	24.5	
52 1,1'-Biphenyl	154	5.976	5.975	0.001	97	989700	24.0	23.1	
53 2-Chloronaphthalene	162	5.982	5.981	0.001	99	802352	24.0	23.0	
54 Phenyl ether	170	6.078	6.077	0.001	89	551252	24.0	24.4	
55 2-Nitroaniline	65	6.104	6.099	0.005	96	251875	24.0	23.8	
57 1,3-Dimethylnaphthalene	156	6.200	6.195	0.005	89	585668	24.0	24.3	
60 Coumarin	146	6.286	6.281	0.005	78	285519	24.0	24.4	
59 Dimethyl phthalate	163	6.295	6.288	0.007	98	834979	24.0	24.0	
61 2,6-Dinitrotoluene	165	6.340	6.336	0.004	93	189020	24.0	25.0	
62 Acenaphthylene	152	6.372	6.368	0.004	97	1130156	24.0	23.0	
63 3-Nitroaniline	138	6.497	6.492	0.005	93	204416	24.0	24.2	
* 64 Acenaphthene-d10	164	6.506	6.505	0.001	97	204938	8.00	8.00	
66 Acenaphthene	154	6.539	6.537	0.001	96	678908	24.0	23.0	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.567	6.566	0.001	98	661339	24.0	25.1	
67 2,4-Dinitrophenol	184	6.599	6.592	0.007	90	238101	48.0	50.4	
70 Dibenzofuran	168	6.705	6.703	0.002	97	1030318	24.0	23.1	
68 4-Nitrophenol	65	6.715	6.710	0.004	86	336234	48.0	49.4	
69 2,4-Dinitrotoluene	165	6.718	6.713	0.005	92	236830	24.0	26.0	
72 2,3,4,6-Tetrachlorophenol	232	6.839	6.838	0.001	93	215054	24.0	24.9	
73 Diethyl phthalate	149	6.967	6.962	0.005	97	854220	24.0	24.7	
75 Fluorene	166	7.028	7.023	0.005	93	759548	24.0	23.2	
74 4-Chlorophenyl phenyl ether	204	7.041	7.042	-0.001	87	388528	24.0	23.6	
76 4-Nitroaniline	138	7.086	7.071	0.015	92	190121	24.0	25.1	
77 4,6-Dinitro-2-methylphenol	198	7.108	7.100	0.008	89	271855	48.0	52.3	
78 N-Nitrosodiphenylamine	169	7.162	7.157	0.005	56	546694	24.0	22.8	
79 1,2-Diphenylhydrazine	77	7.191	7.189	0.002	97	907661	24.0	22.4	
$ 80 2,4,6-Tribromophenol	330	7.258	7.257	0.001	94	140181	24.0	27.7	
81 4-Bromophenyl phenyl ether	248	7.498	7.496	0.002	85	216868	24.0	22.8	
82 Hexachlorobenzene	284	7.549	7.547	0.002	98	260789	24.0	23.2	
83 Atrazine	200	7.684	7.681	0.003	87	53581	6.40	6.72	
84 Pentachlorophenol	266	7.751	7.745	0.006	93	302940	48.0	54.6	
85 Pentachloronitrobenzene	237	7.757	7.755	0.002	86	122775	24.0	25.2	
86 n-Octadecane	57	7.869	7.870	-0.001	94	645799	24.0	23.7	
* 87 Phenanthrene-d10	188	7.901	7.899	0.002	99	325872	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.924	7.921	0.003	99	1062431	24.0	22.8	
89 Anthracene	178	7.972	7.969	0.003	98	1087132	24.0	23.0	
90 Carbazole	167	8.141	8.139	0.002	96	960032	24.0	23.6	
91 Di-n-butyl phthalate	149	8.505	8.506	-0.001	99	1337537	24.0	25.1	
92 Fluoranthene	202	9.038	9.036	0.002	97	1085151	24.0	24.2	
93 Benzidine	184	9.192	9.189	0.003	99	612688	24.0	25.9	
94 Pyrene	202	9.246	9.244	0.002	96	1093066	24.0	22.7	
95 Bisphenol-A	213	9.349	9.349	0.000	97	511330	24.0	24.6	M
$ 96 Terphenyl-d14	244	9.422	9.423	-0.001	99	735690	24.0	24.1	
97 Butyl benzyl phthalate	149	9.911	9.908	0.003	97	529778	24.0	24.9	
99 Carbamazepine	193	9.991	9.982	0.009	91	470596	24.0	27.8	
101 Benzo[a]anthracene	228	10.387	10.387	0.000	99	989725	24.0	24.0	
100 3,3'-Dichlorobenzidine	252	10.390	10.387	0.003	99	399550	24.0	26.3	
* 102 Chrysene-d12	240	10.397	10.397	0.000	98	243530	8.00	8.00	
104 Chrysene	228	10.426	10.423	0.003	98	962560	24.0	23.3	
103 Bis(2-ethylhexyl) phthalate	149	10.493	10.493	0.000	87	785977	24.0	26.6	
105 Di-n-octyl phthalate	149	11.221	11.221	0.000	97	1368514	24.0	25.6	
106 Benzo[b]fluoranthene	252	11.592	11.585	0.007	98	972586	24.0	25.3	
107 Benzo[k]fluoranthene	252	11.624	11.617	0.007	99	1041447	24.0	24.8	
108 Benzo[a]pyrene	252	11.982	11.978	0.004	96	890989	24.0	25.9	
* 109 Perylene-d12	264	12.053	12.049	0.004	97	278886	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.436	13.426	0.010	98	1056434	24.0	27.1	
111 Dibenz(a,h)anthracene	278	13.478	13.464	0.014	96	981345	24.0	25.2	
112 Benzo[g,h,i]perylene	276	13.781	13.761	0.020	95	1193365	24.0	25.7	
S 119 Total Cresols	1				0			44.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 15-Jul-2020 07:31:38 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134217.D

Injection Date: 14-Jul-2020 15:34:30 Instrument ID: CBNAMS17 Operator ID:

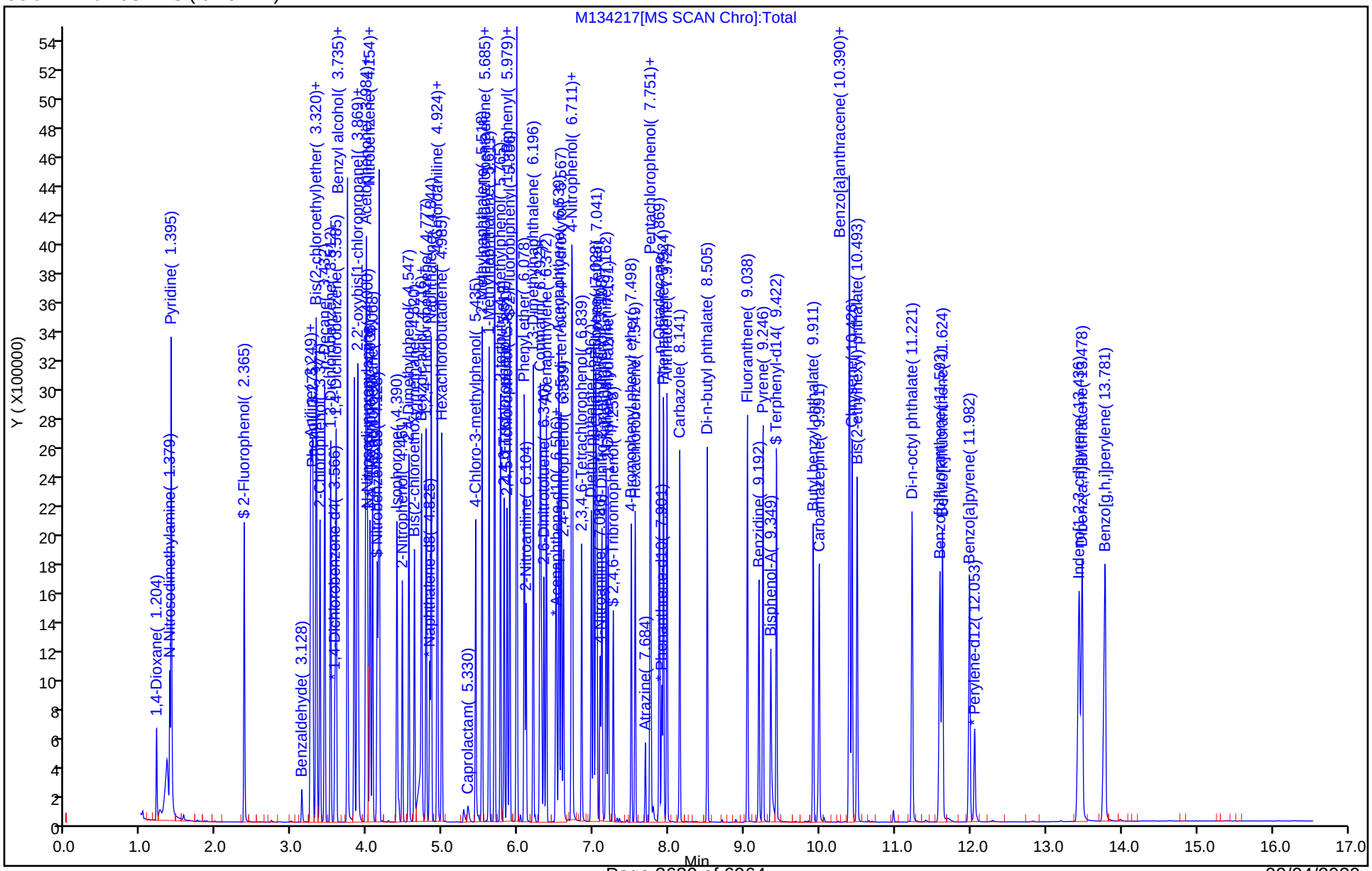
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

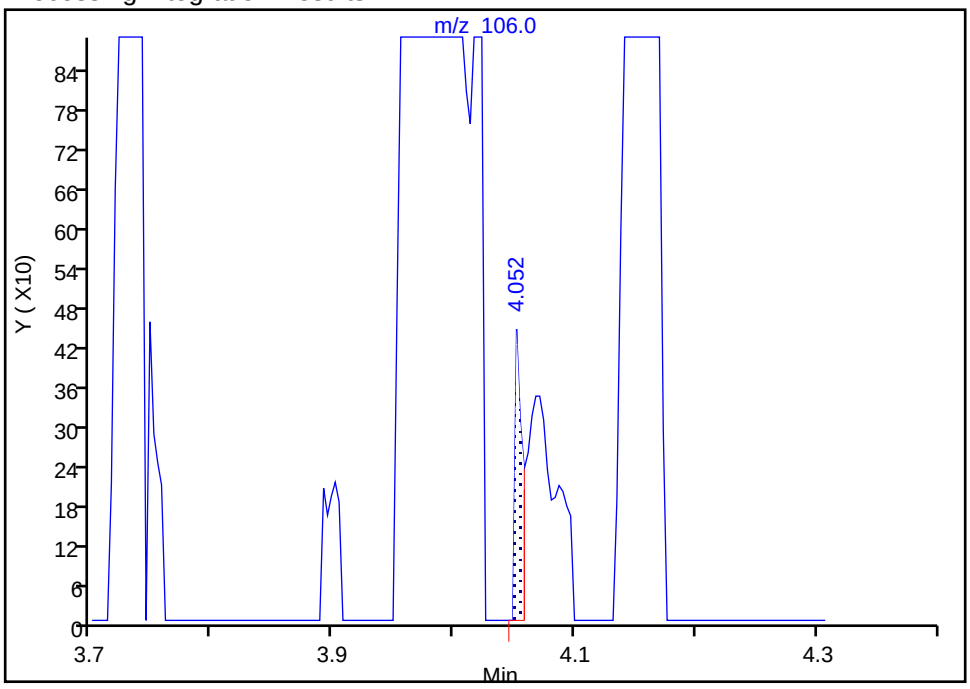
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134217.D
Injection Date: 14-Jul-2020 15:34:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

20 N-Methylaniline, CAS: 100-61-8

Signal: 1

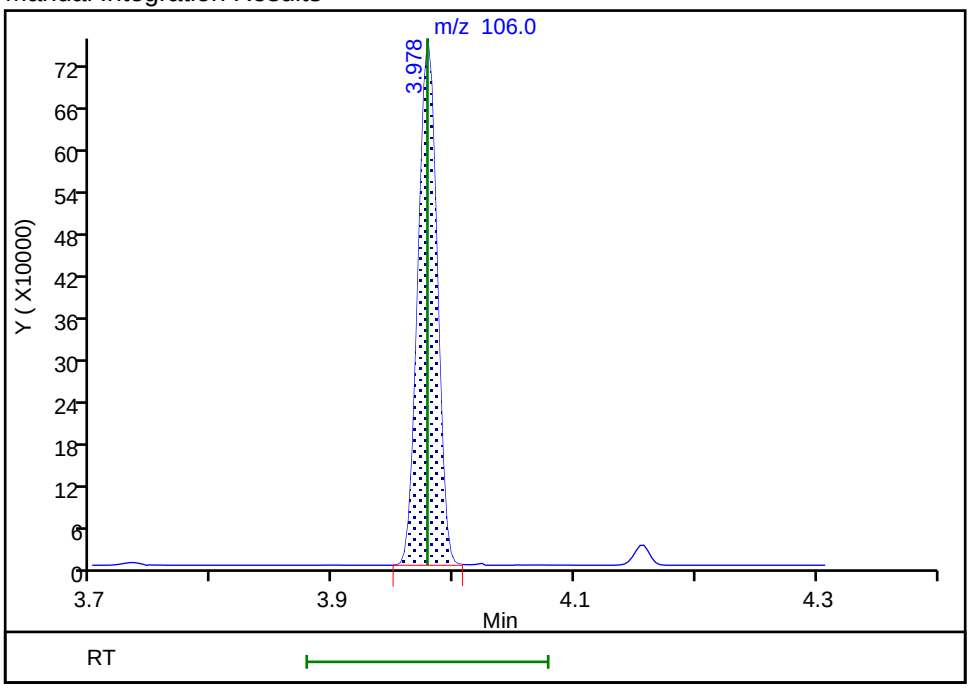
Processing Integration Results

RT: 4.05
Area: 187
Amount: 0.006132
Amount Units: ug/ml



Manual Integration Results

RT: 3.98
Area: 822510
Amount: 23.649849
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:17:08
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

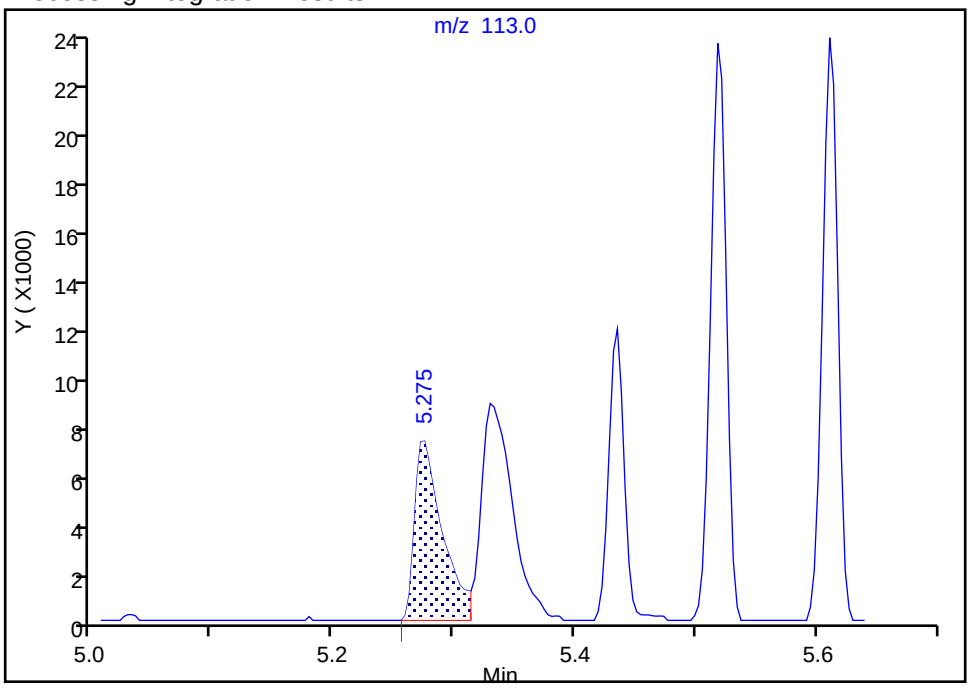
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134217.D
Injection Date: 14-Jul-2020 15:34:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

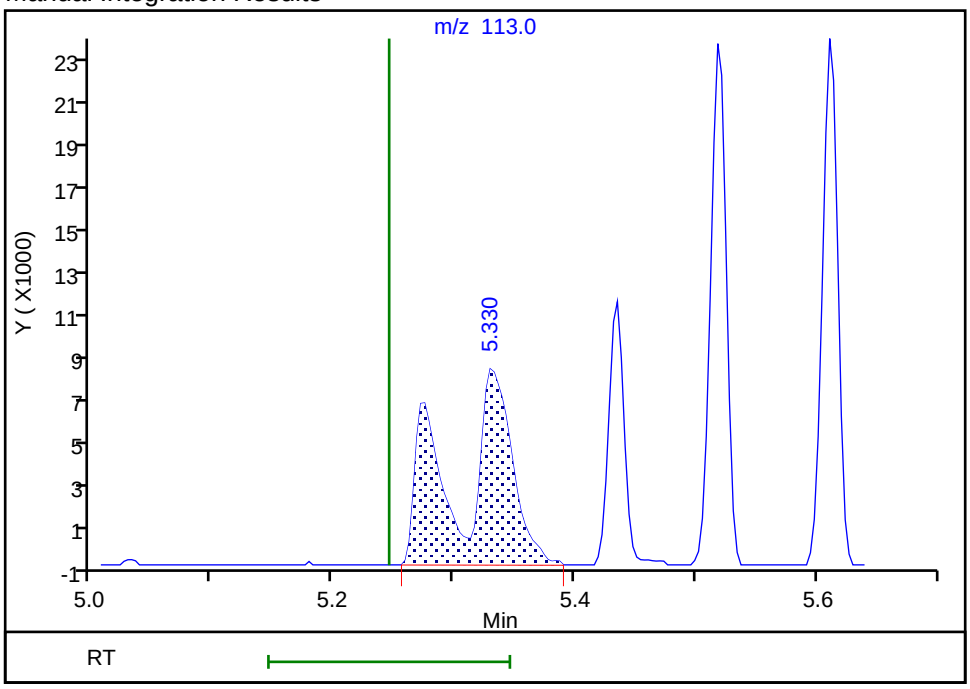
Processing Integration Results

RT: 5.28
Area: 11813
Amount: 3.903815
Amount Units: ug/ml



Manual Integration Results

RT: 5.33
Area: 27771
Amount: 6.912013
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:16:28
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

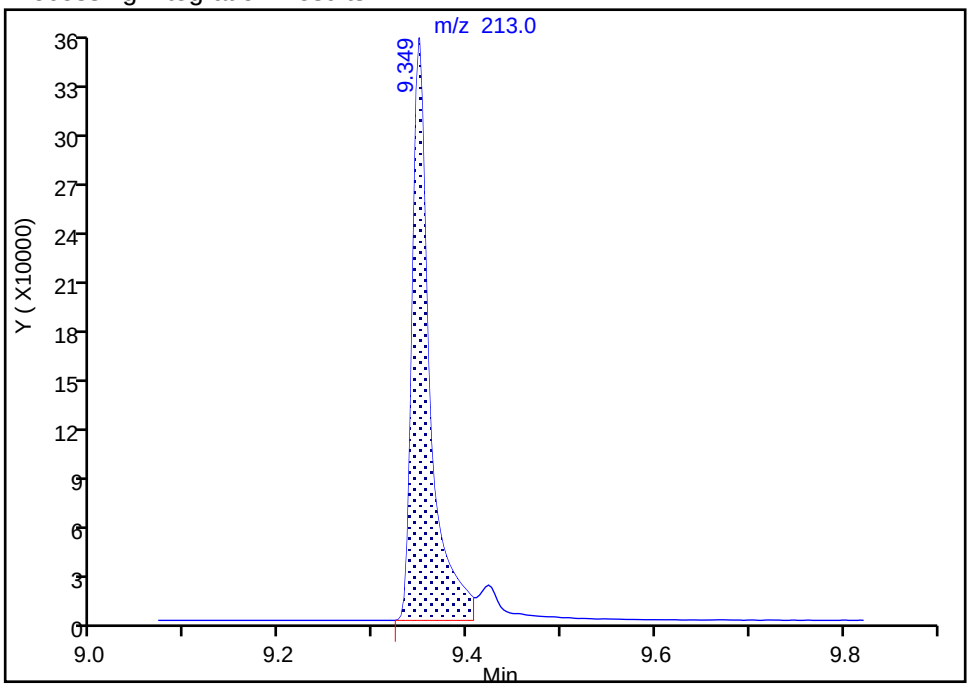
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134217.D
Injection Date: 14-Jul-2020 15:34:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

Processing Integration Results

RT: 9.35
Area: 464372
Amount: 22.721380
Amount Units: ug/ml



Manual Integration Results

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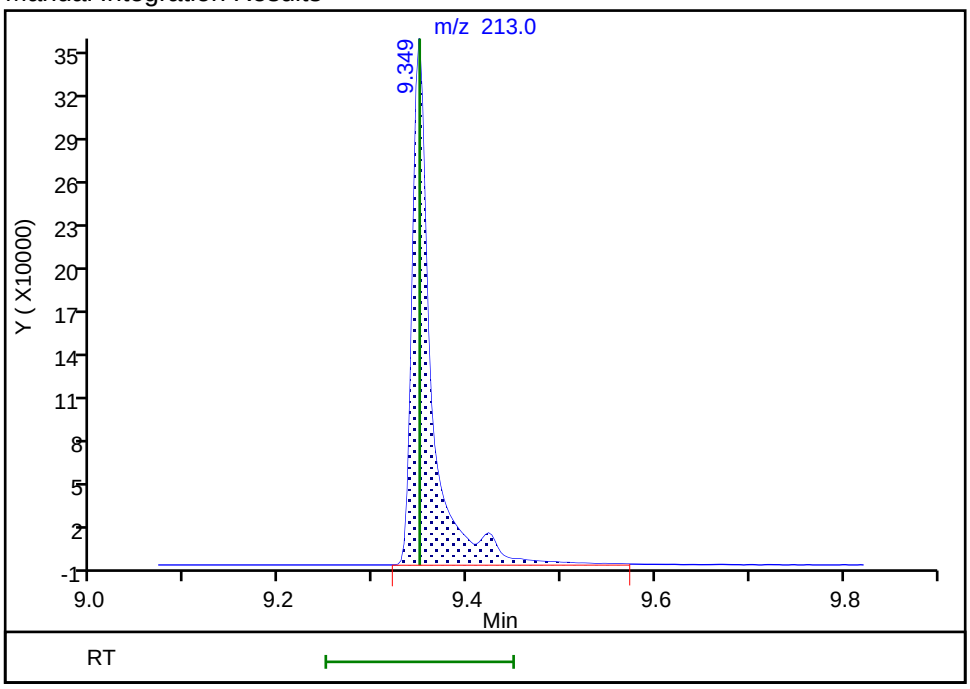
Area: 511330
Amount: 24.649328
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:16:51
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134218.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 14-Jul-2020 15:55:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-004
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:31:44 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:18:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.203	1.210	-0.007	96	122981	16.0	15.0	
2 N-Nitrosodimethylamine	74	1.379	1.382	-0.003	78	194387	16.0	15.8	
3 Pyridine	79	1.398	1.405	-0.007	86	636038	32.0	31.0	
$ 4 2-Fluorophenol	112	2.365	2.372	-0.007	93	339126	16.0	17.0	
5 Benzaldehyde	77	3.128	3.134	-0.006	94	54239	4.80	2.85	
8 Aniline	93	3.243	3.249	-0.006	99	559476	16.0	15.6	
$ 6 Phenol-d5	99	3.256	3.259	-0.003	95	438113	16.0	16.2	
7 Phenol	94	3.269	3.272	-0.003	97	445032	16.0	15.4	
9 Bis(2-chloroethyl)ether	93	3.313	3.320	-0.007	93	346962	16.0	15.7	
10 Benzonitrile	103	3.320	3.323	-0.003	99	686790	NC	NC	
11 2-Chlorophenol	128	3.368	3.374	-0.006	92	355427	16.0	15.7	
12 n-Decane	43	3.432	3.435	-0.003	95	480997	16.0	15.6	
13 1,3-Dichlorobenzene	146	3.508	3.515	-0.007	95	422814	16.0	15.7	
* 14 1,4-Dichlorobenzene-d4	152	3.566	3.572	-0.006	97	130136	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.582	3.588	-0.006	94	425013	16.0	15.9	
16 Benzyl alcohol	108	3.729	3.732	-0.003	91	215666	16.0	16.1	
17 1,2-Dichlorobenzene	146	3.735	3.738	-0.003	96	399729	16.0	15.8	
19 2,2'-oxybis[1-chloropropane]	45	3.860	3.863	-0.003	91	628598	16.0	15.4	
18 2-Methylphenol	108	3.869	3.872	-0.003	90	305714	16.0	15.5	
20 N-Methylaniline	106	3.975	3.978	-0.003	93	549607	16.0	16.3	
21 Acetophenone	105	3.984	3.984	0.000	94	489611	16.0	15.4	
22 N-Nitrosodi-n-propylamine	70	3.997	3.997	0.000	91	260199	16.0	16.0	
23 3 & 4 Methylphenol	108	4.032	4.032	0.000	64	320586	16.0	15.7	
24 4-Methylphenol	108	4.032	4.032	0.000	94	319594	16.0	15.6	
25 Hexachloroethane	117	4.064	4.067	-0.003	94	172514	16.0	15.9	
$ 27 Nitrobenzene-d5	82	4.125	4.128	-0.003	91	408389	16.0	16.9	
28 Nitrobenzene	123	4.144	4.144	0.000	90	164157	16.0	16.4	
29 n,n'-Dimethylaniline	120	4.154	4.154	0.000	93	500454	16.0	15.7	
30 Isophorone	82	4.387	4.383	0.004	99	634068	16.0	15.8	
32 2-Nitrophenol	139	4.460	4.460	0.000	85	179543	16.0	16.1	
33 2,4-Dimethylphenol	122	4.547	4.546	0.001	88	272502	16.0	15.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.620	4.620	0.000	98	409594	16.0	15.7	
35 Benzoic acid	122	4.697	4.681	0.016	91	175294	16.0	16.2	
36 2,4-Dichlorophenol	162	4.713	4.713	0.000	94	286311	16.0	15.9	
37 1,2,4-Trichlorobenzene	180	4.777	4.777	0.000	94	328758	16.0	16.1	
* 38 Naphthalene-d8	136	4.821	4.824	-0.003	100	451375	8.00	8.00	
39 Naphthalene	128	4.844	4.844	0.000	99	926901	16.0	15.8	
40 4-Chloroaniline	127	4.921	4.920	0.001	96	372895	16.0	15.4	
130 2,6-Dichlorophenol	162	4.927	4.927	0.000	92	277721	NC	NC	
41 Hexachlorobutadiene	225	4.984	4.984	0.000	94	196098	16.0	16.3	
42 Caprolactam	113	5.256	5.246	0.010	87	19077	4.80	4.82	M
43 4-Chloro-3-methylphenol	107	5.432	5.431	0.001	97	254938	16.0	16.0	
44 2-Methylnaphthalene	142	5.518	5.518	0.000	83	589252	16.0	15.5	
45 1-Methylnaphthalene	142	5.611	5.610	0.000	91	537229	16.0	15.2	
46 Hexachlorocyclopentadiene	237	5.684	5.684	0.000	97	237634	16.0	17.1	
47 1,2,4,5-Tetrachlorobenzene	216	5.684	5.687	-0.003	97	308142	16.0	16.3	
48 2-tertbutyl-4-methylphenol	149	5.761	5.760	0.001	87	348062	16.0	16.3	
49 2,4,6-Trichlorophenol	196	5.809	5.812	-0.003	88	186365	16.0	16.8	
50 2,4,5-Trichlorophenol	196	5.850	5.850	0.000	95	196921	16.0	16.2	
$ 51 2-Fluorobiphenyl	172	5.886	5.885	0.001	97	657769	16.0	16.3	
52 1,1'-Biphenyl	154	5.975	5.975	0.000	97	673965	16.0	15.8	
53 2-Chloronaphthalene	162	5.982	5.981	0.001	97	545343	16.0	15.7	
54 Phenyl ether	170	6.077	6.077	0.000	89	367213	16.0	16.4	
55 2-Nitroaniline	65	6.100	6.099	0.001	97	168512	16.0	16.1	
57 1,3-Dimethylnaphthalene	156	6.196	6.195	0.001	89	383594	16.0	16.1	
60 Coumarin	146	6.282	6.281	0.001	78	181525	16.0	15.6	
59 Dimethyl phthalate	163	6.292	6.288	0.004	98	540546	16.0	15.7	
61 2,6-Dinitrotoluene	165	6.336	6.336	0.000	92	123567	16.0	16.5	
62 Acenaphthylene	152	6.368	6.368	0.000	97	765892	16.0	15.7	
63 3-Nitroaniline	138	6.493	6.492	0.001	94	131305	16.0	15.7	
* 64 Acenaphthene-d10	164	6.506	6.505	0.001	96	203446	8.00	8.00	
66 Acenaphthene	154	6.538	6.537	0.001	96	463875	16.0	15.8	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.567	6.566	0.001	98	439236	16.0	16.8	
67 2,4-Dinitrophenol	184	6.595	6.592	0.003	90	149633	32.0	32.3	
70 Dibenzofuran	168	6.704	6.703	0.001	96	698030	16.0	15.7	
68 4-Nitrophenol	65	6.711	6.710	0.001	83	214333	32.0	31.7	
69 2,4-Dinitrotoluene	165	6.714	6.713	0.001	94	154172	16.0	17.0	
72 2,3,4,6-Tetrachlorophenol	232	6.838	6.838	0.000	93	140872	16.0	16.4	
73 Diethyl phthalate	149	6.963	6.962	0.001	97	533718	16.0	15.5	
75 Fluorene	166	7.024	7.023	0.001	94	510181	16.0	15.7	
74 4-Chlorophenyl phenyl ether	204	7.040	7.042	-0.002	88	260036	16.0	15.9	
76 4-Nitroaniline	138	7.078	7.071	0.007	92	124002	16.0	16.5	
77 4,6-Dinitro-2-methylphenol	198	7.104	7.100	0.004	80	170496	32.0	35.1	
78 N-Nitrosodiphenylamine	169	7.161	7.157	0.004	56	355955	16.0	15.9	
79 1,2-Diphenylhydrazine	77	7.190	7.189	0.001	97	586238	16.0	15.5	
$ 80 2,4,6-Tribromophenol	330	7.257	7.257	0.000	94	90156	16.0	17.9	
81 4-Bromophenyl phenyl ether	248	7.497	7.496	0.001	86	143373	16.0	16.1	
82 Hexachlorobenzene	284	7.548	7.547	0.001	98	171909	16.0	16.4	
83 Atrazine	200	7.682	7.681	0.001	87	39113	4.80	5.25	
84 Pentachlorophenol	266	7.746	7.745	0.001	92	184769	32.0	35.6	
85 Pentachloronitrobenzene	237	7.753	7.755	-0.002	87	75196	16.0	16.5	
86 n-Octadecane	57	7.868	7.870	-0.002	95	420434	16.0	16.5	
* 87 Phenanthrene-d10	188	7.900	7.899	0.001	99	304683	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.922	7.921	0.001	98	687629	16.0	15.8	
89 Anthracene	178	7.970	7.969	0.001	98	703038	16.0	15.9	
90 Carbazole	167	8.140	8.139	0.001	96	616230	16.0	16.2	
91 Di-n-butyl phthalate	149	8.504	8.506	-0.002	99	837389	16.0	16.8	
92 Fluoranthene	202	9.037	9.036	0.001	97	680680	16.0	16.2	
93 Benzidine	184	9.187	9.189	-0.002	99	382404	16.0	17.3	
94 Pyrene	202	9.242	9.244	-0.002	96	700447	16.0	15.4	
95 Bisphenol-A	213	9.347	9.349	-0.002	97	347671	16.0	17.7	M
$ 96 Terphenyl-d14	244	9.421	9.423	-0.002	99	457586	16.0	15.8	
97 Butyl benzyl phthalate	149	9.910	9.908	0.002	97	331036	16.0	16.4	
99 Carbamazepine	193	9.986	9.982	0.004	92	282217	16.0	17.6	
101 Benzo[a]anthracene	228	10.386	10.387	-0.001	99	613894	16.0	15.7	
100 3,3'-Dichlorobenzidine	252	10.389	10.387	0.002	99	247588	16.0	17.2	
* 102 Chrysene-d12	240	10.395	10.397	-0.002	98	230692	8.00	8.00	
104 Chrysene	228	10.424	10.423	0.001	97	610931	16.0	15.6	
103 Bis(2-ethylhexyl) phthalate	149	10.491	10.493	-0.002	87	491981	16.0	17.6	
105 Di-n-octyl phthalate	149	11.220	11.221	-0.001	97	843634	16.0	17.2	
106 Benzo[b]fluoranthene	252	11.587	11.585	0.002	98	600484	16.0	17.0	
107 Benzo[k]fluoranthene	252	11.619	11.617	0.002	99	627095	16.0	16.2	
108 Benzo[a]pyrene	252	11.977	11.978	-0.001	96	549384	16.0	17.4	
* 109 Perylene-d12	264	12.051	12.049	0.002	97	256173	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.428	13.426	0.002	97	606661	16.0	16.9	
111 Dibenz(a,h)anthracene	278	13.466	13.464	0.002	97	611404	16.0	17.1	
112 Benzo[g,h,i]perylene	276	13.767	13.761	0.006	98	681054	16.0	16.0	
S 119 Total Cresols	1				0			31.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL8_LVI_00002 Amount Added: 1.00 Units: mL

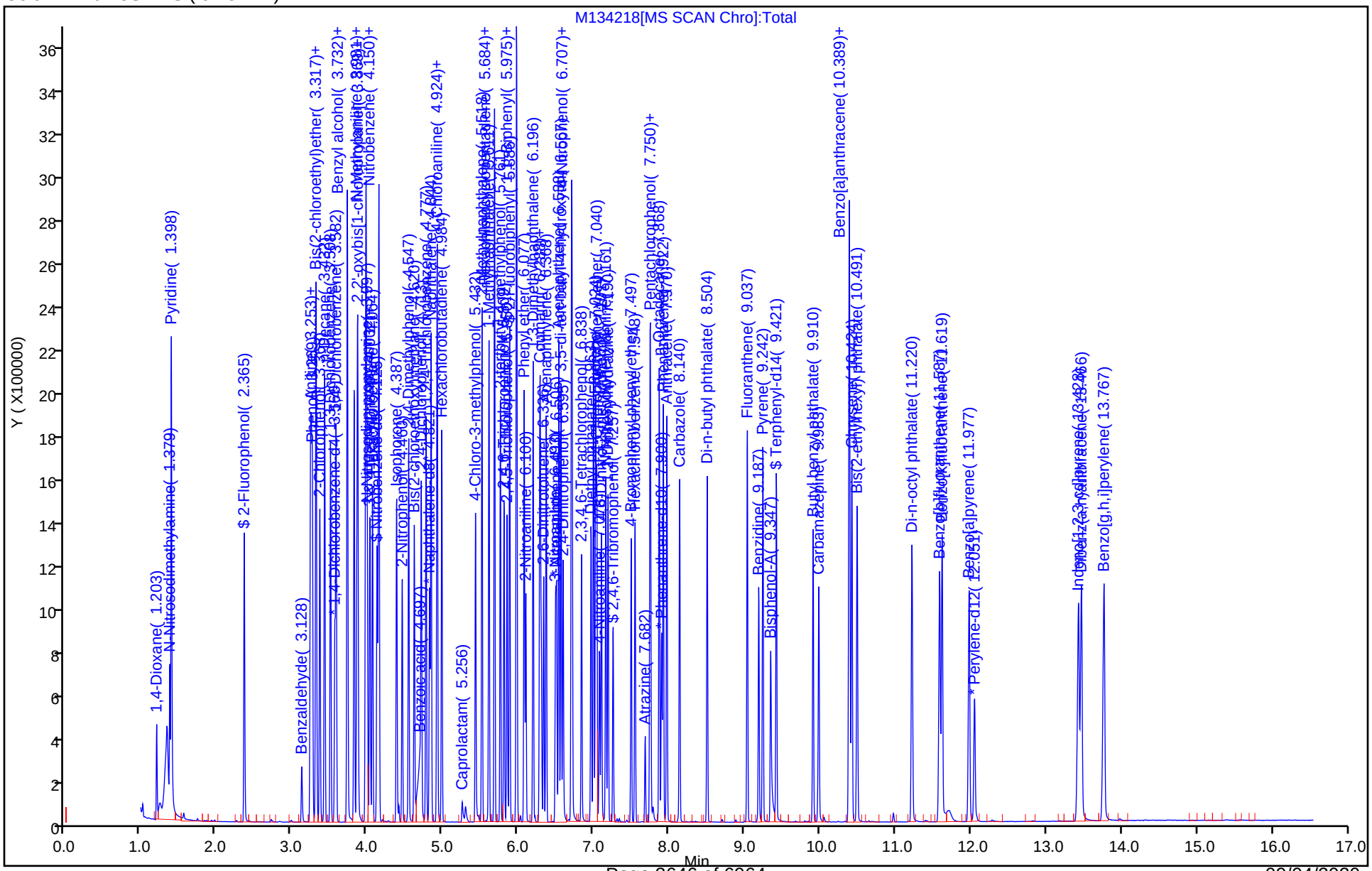
Report Date: 15-Jul-2020 07:31:44 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134218.D

Injection Date:	14-Jul-2020 15:55:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

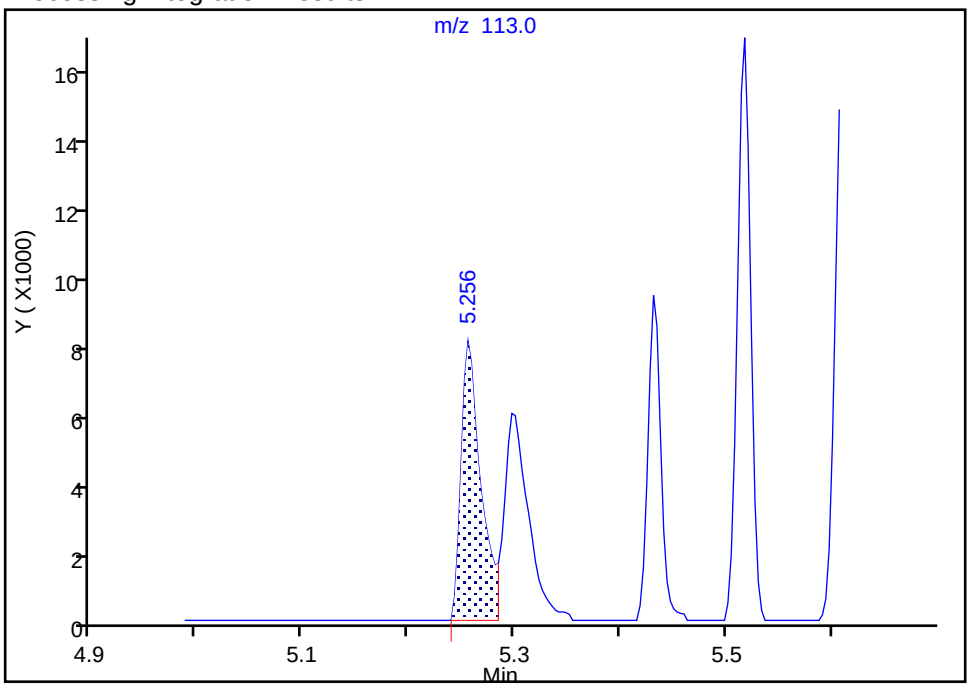
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134218.D
Injection Date: 14-Jul-2020 15:55:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

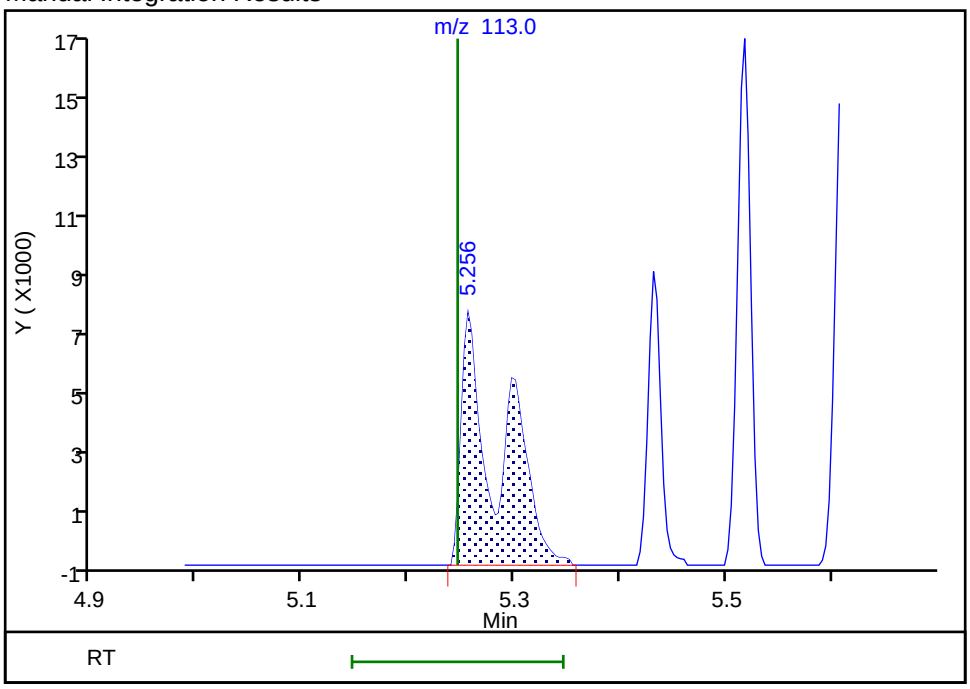
Processing Integration Results

RT: 5.26
Area: 10143
Amount: 3.063444
Amount Units: ug/ml



Manual Integration Results

RT: 5.26
Area: 19077
Amount: 4.817108
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:17:38
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

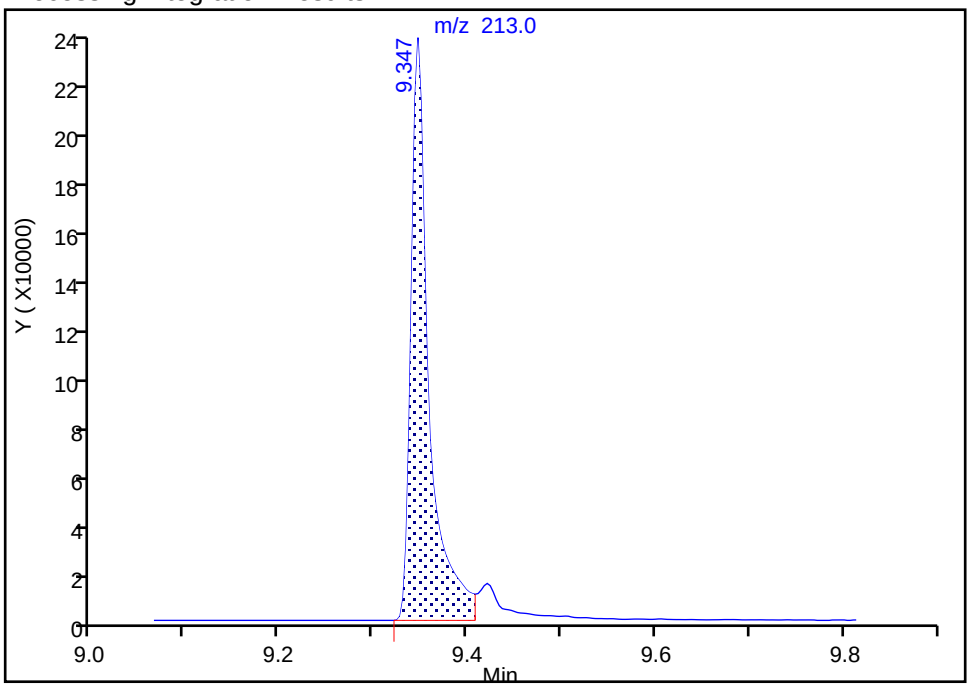
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134218.D
Injection Date: 14-Jul-2020 15:55:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

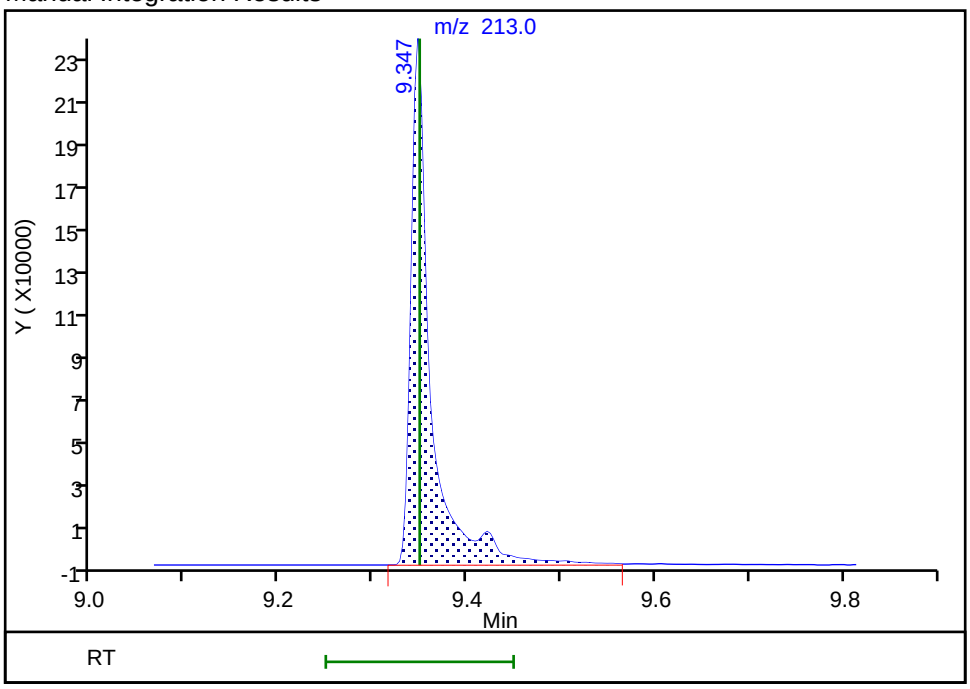
Processing Integration Results

RT: 9.35
Area: 314279
Amount: 15.961937
Amount Units: ug/ml



Manual Integration Results

RT: 9.35
Area: 347671
Amount: 17.692623
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:17:56
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134219.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-Jul-2020 16:16:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-005
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:31:51 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:18:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.206	1.206	0.000	98	29509	4.00	3.97	
2 N-Nitrosodimethylamine	74	1.382	1.382	0.000	79	45079	4.00	4.03	
3 Pyridine	79	1.404	1.404	0.000	86	149907	8.00	8.06	
$ 4 2-Fluorophenol	112	2.368	2.368	0.000	93	72490	4.00	4.02	
5 Benzaldehyde	77	3.125	3.125	0.000	93	57730	3.20	3.34	
8 Aniline	93	3.243	3.243	0.000	98	128397	4.00	3.95	
$ 6 Phenol-d5	99	3.252	3.252	0.000	96	96029	4.00	3.92	
7 Phenol	94	3.265	3.265	0.000	96	104647	4.00	3.99	
9 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	92	79832	4.00	3.98	
10 Benzonitrile	103	3.316	3.316	0.000	99	157887	NC	NC	
11 2-Chlorophenol	128	3.364	3.364	0.000	92	83124	4.00	4.04	
12 n-Decane	43	3.431	3.431	0.000	95	112773	4.00	4.03	
13 1,3-Dichlorobenzene	146	3.508	3.508	0.000	95	97702	4.00	3.99	
* 14 1,4-Dichlorobenzene-d4	152	3.565	3.565	0.000	98	118031	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.581	3.581	0.000	95	98660	4.00	4.06	
16 Benzyl alcohol	108	3.725	3.725	0.000	91	49148	4.00	4.05	
17 1,2-Dichlorobenzene	146	3.735	3.735	0.000	95	92796	4.00	4.04	
19 2,2'-oxybis[1-chloropropane]	45	3.859	3.859	0.000	91	145987	4.00	3.93	
18 2-Methylphenol	108	3.866	3.866	0.000	85	71154	4.00	3.99	
20 N-Methylaniline	106	3.971	3.971	0.000	97	124718	4.00	4.07	
21 Acetophenone	105	3.977	3.977	0.000	93	116714	4.00	4.05	
22 N-Nitrosodi-n-propylamine	70	3.990	3.990	0.000	89	62346	4.00	4.22	
23 3 & 4 Methylphenol	108	4.025	4.025	0.000	64	73286	4.00	3.95	
24 4-Methylphenol	108	4.025	4.025	0.000	94	73286	4.00	3.95	
25 Hexachloroethane	117	4.064	4.064	0.000	94	41008	4.00	4.16	
$ 27 Nitrobenzene-d5	82	4.121	4.121	0.000	91	87364	4.00	3.90	
28 Nitrobenzene	123	4.140	4.140	0.000	91	38415	4.00	4.24	
29 n,n'-Dimethylaniline	120	4.147	4.147	0.000	93	114172	4.00	3.96	
30 Isophorone	82	4.380	4.380	0.000	98	145884	4.00	3.93	
32 2-Nitrophenol	139	4.460	4.460	0.000	85	41301	4.00	4.00	
33 2,4-Dimethylphenol	122	4.543	4.543	0.000	88	62218	4.00	3.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.616	4.616	0.000	94	94312	4.00	3.92	
35 Benzoic acid	122	4.648	4.648	0.000	92	35931	4.00	3.98	
36 2,4-Dichlorophenol	162	4.712	4.712	0.000	94	67687	4.00	4.06	
37 1,2,4-Trichlorobenzene	180	4.773	4.773	0.000	94	76512	4.00	4.06	
* 38 Naphthalene-d8	136	4.821	4.821	0.000	100	417457	8.00	8.00	
39 Naphthalene	128	4.840	4.840	0.000	98	215850	4.00	3.97	
40 4-Chloroaniline	127	4.916	4.916	0.000	96	90294	4.00	4.03	
130 2,6-Dichlorophenol	162	4.923	4.923	0.000	94	65227	NC	NC	
41 Hexachlorobutadiene	225	4.983	4.983	0.000	93	44561	4.00	4.00	
42 Caprolactam	113	5.229	5.229	0.000	88	12118	3.20	3.34	
43 4-Chloro-3-methylphenol	107	5.430	5.430	0.000	97	59100	4.00	4.00	
44 2-Methylnaphthalene	142	5.517	5.517	0.000	83	139911	4.00	3.99	
45 1-Methylnaphthalene	142	5.609	5.609	0.000	93	131045	4.00	4.01	
46 Hexachlorocyclopentadiene	237	5.679	5.679	0.000	96	52118	4.00	3.89	
47 1,2,4,5-Tetrachlorobenzene	216	5.683	5.683	0.000	96	70837	4.00	3.90	
48 2-tertbutyl-4-methylphenol	149	5.759	5.759	0.000	87	79211	4.00	4.01	
49 2,4,6-Trichlorophenol	196	5.807	5.807	0.000	88	43427	4.00	4.05	
50 2,4,5-Trichlorophenol	196	5.849	5.849	0.000	94	46608	4.00	3.99	
$ 51 2-Fluorobiphenyl	172	5.881	5.881	0.000	97	146160	4.00	3.77	
52 1,1'-Biphenyl	154	5.970	5.970	0.000	97	160124	4.00	3.91	
53 2-Chloronaphthalene	162	5.977	5.977	0.000	97	130021	4.00	3.90	
54 Phenyl ether	170	6.076	6.076	0.000	89	84679	4.00	3.91	
55 2-Nitroaniline	65	6.095	6.095	0.000	95	40727	4.00	4.03	
57 1,3-Dimethylnaphthalene	156	6.194	6.194	0.000	89	89500	4.00	3.89	
60 Coumarin	146	6.277	6.277	0.000	80	43391	4.00	4.04	
59 Dimethyl phthalate	163	6.283	6.283	0.000	97	131397	4.00	3.95	
61 2,6-Dinitrotoluene	165	6.331	6.331	0.000	91	29387	4.00	4.06	
62 Acenaphthylene	152	6.366	6.366	0.000	97	183133	4.00	3.90	
63 3-Nitroaniline	138	6.488	6.488	0.000	92	32869	4.00	4.08	
* 64 Acenaphthene-d10	164	6.504	6.504	0.000	97	196073	8.00	8.00	
66 Acenaphthene	154	6.533	6.533	0.000	96	110570	4.00	3.91	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.561	6.561	0.000	98	97081	4.00	3.84	
67 2,4-Dinitrophenol	184	6.587	6.587	0.000	92	32150	8.00	7.89	
70 Dibenzofuran	168	6.699	6.699	0.000	96	172149	4.00	4.03	
68 4-Nitrophenol	65	6.705	6.705	0.000	82	54654	8.00	8.39	
69 2,4-Dinitrotoluene	165	6.712	6.712	0.000	93	37272	4.00	4.27	
72 2,3,4,6-Tetrachlorophenol	232	6.836	6.836	0.000	92	33203	4.00	4.02	
73 Diethyl phthalate	149	6.958	6.958	0.000	97	133602	4.00	4.03	
75 Fluorene	166	7.021	7.021	0.000	93	125175	4.00	4.00	
74 4-Chlorophenyl phenyl ether	204	7.037	7.037	0.000	87	62483	4.00	3.97	
76 4-Nitroaniline	138	7.063	7.063	0.000	94	28900	4.00	3.99	
77 4,6-Dinitro-2-methylphenol	198	7.095	7.095	0.000	79	39240	8.00	8.19	
78 N-Nitrosodiphenylamine	169	7.156	7.156	0.000	56	87511	4.00	3.96	
79 1,2-Diphenylhydrazine	77	7.185	7.185	0.000	97	148016	4.00	3.96	
$ 80 2,4,6-Tribromophenol	330	7.255	7.255	0.000	94	19165	4.00	3.95	
81 4-Bromophenyl phenyl ether	248	7.494	7.494	0.000	84	34493	4.00	3.94	
82 Hexachlorobenzene	284	7.545	7.545	0.000	98	41934	4.00	4.05	
83 Atrazine	200	7.680	7.680	0.000	87	24478	3.20	3.33	
84 Pentachlorophenol	266	7.743	7.743	0.000	93	39896	8.00	7.80	
85 Pentachloronitrobenzene	237	7.750	7.750	0.000	85	17770	4.00	3.95	
86 n-Octadecane	57	7.865	7.865	0.000	95	97943	4.00	3.90	
* 87 Phenanthrene-d10	188	7.897	7.897	0.000	99	300512	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.919	7.919	0.000	98	170839	4.00	3.98	
89 Anthracene	178	7.964	7.964	0.000	98	174858	4.00	4.01	
90 Carbazole	167	8.136	8.136	0.000	96	150434	4.00	4.00	
91 Di-n-butyl phthalate	149	8.504	8.504	0.000	99	195644	4.00	3.98	
92 Fluoranthene	202	9.033	9.033	0.000	97	167275	4.00	4.05	
93 Benzidine	184	9.187	9.187	0.000	99	94496	4.00	4.33	
94 Pyrene	202	9.241	9.241	0.000	96	172974	4.00	3.93	
95 Bisphenol-A	213	9.346	9.346	0.000	97	77119	4.00	4.07	M
$ 96 Terphenyl-d14	244	9.420	9.420	0.000	99	100778	4.00	3.61	
97 Butyl benzyl phthalate	149	9.905	9.905	0.000	98	76257	4.00	3.92	
99 Carbamazepine	193	9.979	9.979	0.000	92	63251	4.00	4.09	
101 Benzo[a]anthracene	228	10.384	10.384	0.000	100	148476	4.00	3.94	
100 3,3'-Dichlorobenzidine	252	10.388	10.388	0.000	98	59974	4.00	4.33	
* 102 Chrysene-d12	240	10.391	10.391	0.000	98	222669	8.00	8.00	
104 Chrysene	228	10.416	10.416	0.000	97	150548	4.00	3.99	
103 Bis(2-ethylhexyl) phthalate	149	10.493	10.493	0.000	87	114229	4.00	4.23	
105 Di-n-octyl phthalate	149	11.218	11.218	0.000	97	194575	4.00	3.99	
106 Benzo[b]fluoranthene	252	11.579	11.579	0.000	98	145573	4.00	4.15	
107 Benzo[k]fluoranthene	252	11.611	11.611	0.000	98	160276	4.00	4.18	
108 Benzo[a]pyrene	252	11.972	11.972	0.000	96	132269	4.00	4.22	
* 109 Perylene-d12	264	12.045	12.045	0.000	97	254257	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.416	13.416	0.000	97	143916	4.00	4.05	
111 Dibenz(a,h)anthracene	278	13.454	13.454	0.000	97	147427	4.00	4.16	
112 Benzo[g,h,i]perylene	276	13.751	13.751	0.000	94	162190	4.00	3.83	
S 119 Total Cresols	1				0			7.94	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL6_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 15-Jul-2020 07:31:51 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134219.D

Injection Date: 14-Jul-2020 16:16:30 Instrument ID: CBNAMS17 Operator ID:

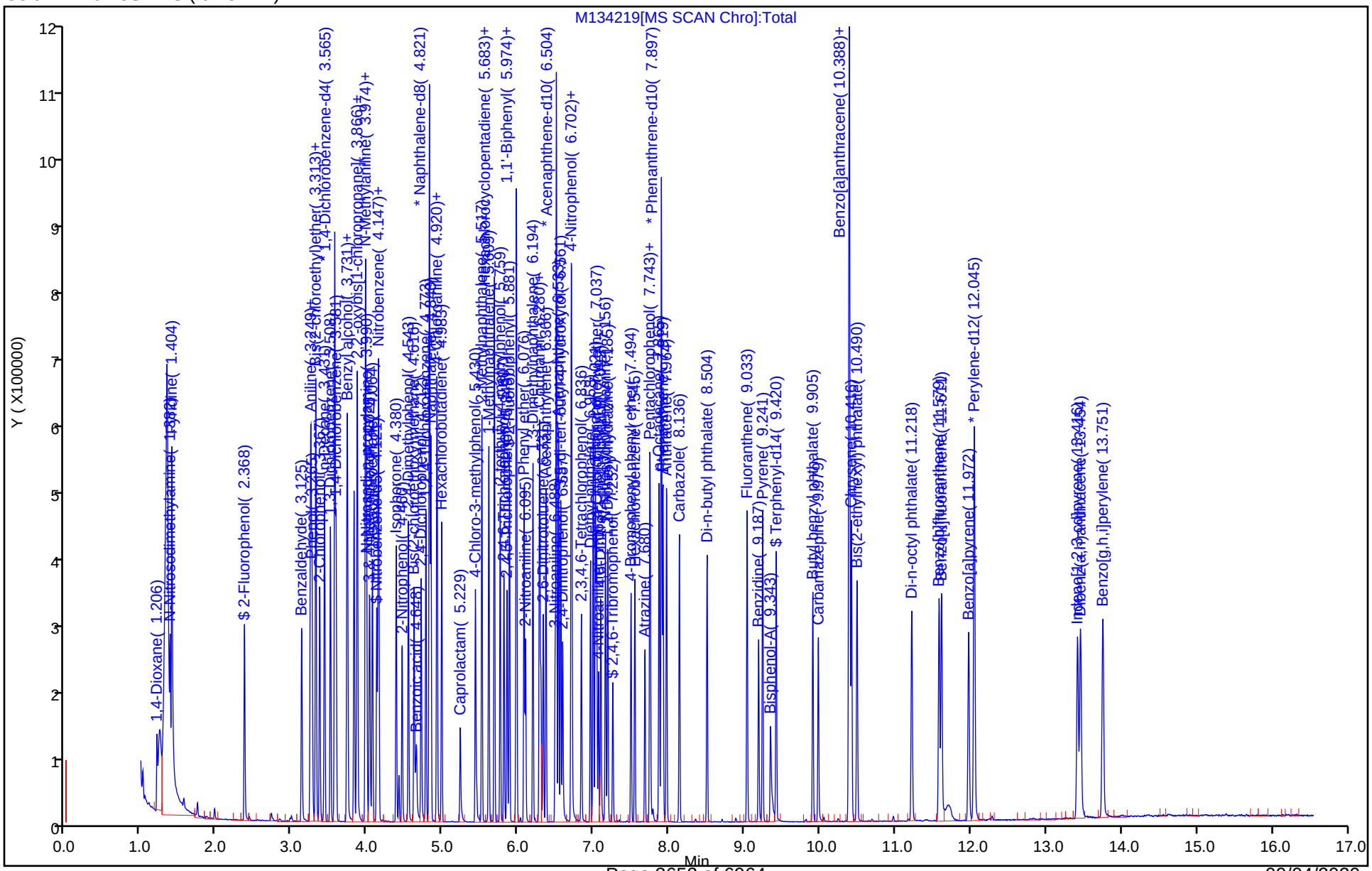
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

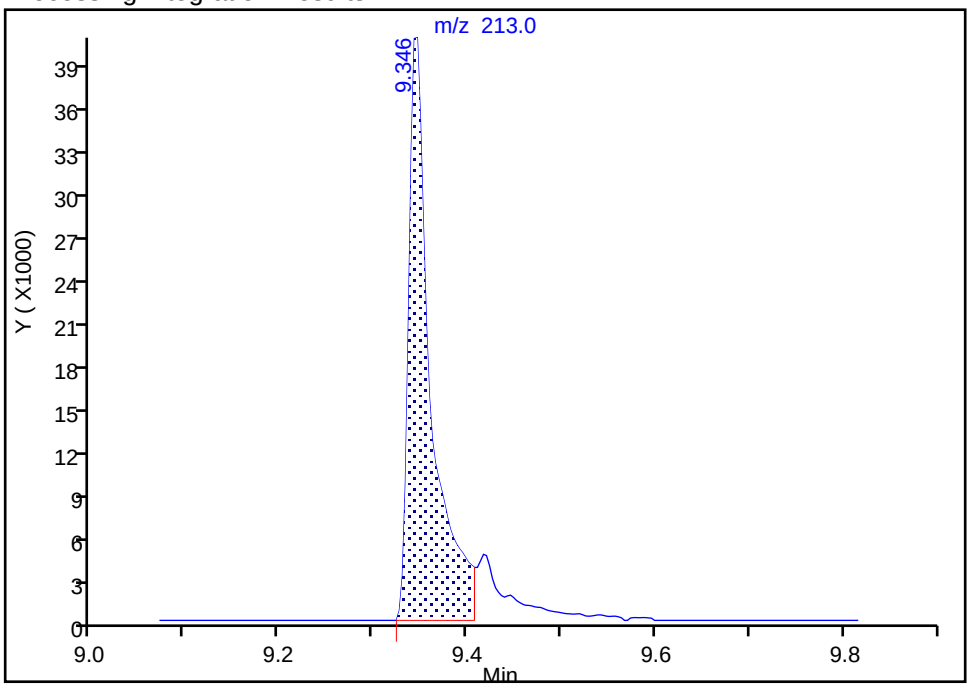
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134219.D
Injection Date: 14-Jul-2020 16:16:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

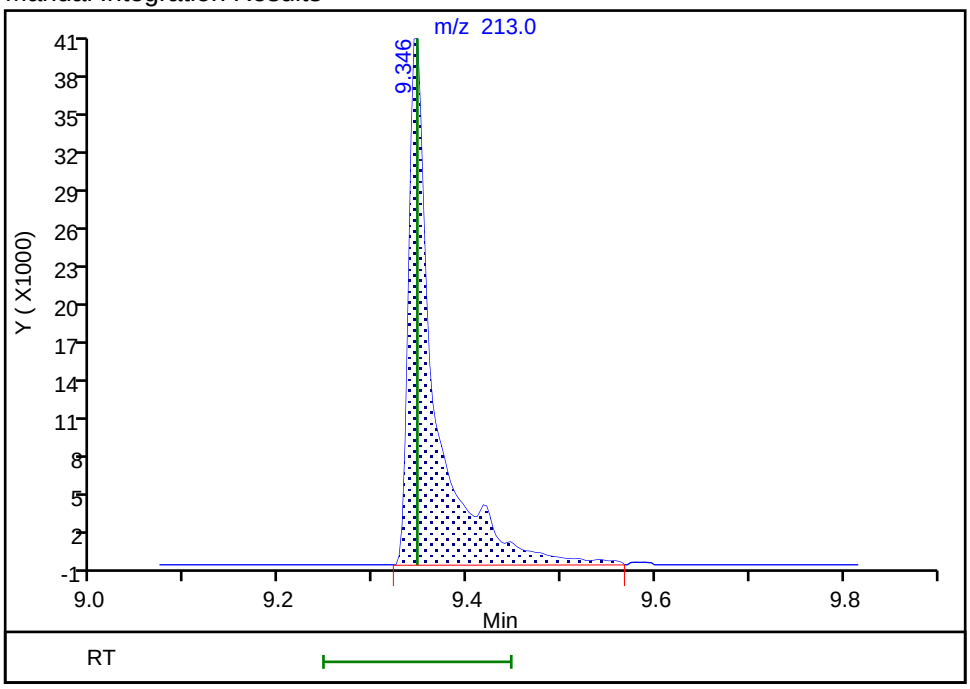
Processing Integration Results

RT: 9.35
Area: 65930
Amount: 3.796102
Amount Units: ug/ml



Manual Integration Results

RT: 9.35
Area: 77119
Amount: 4.065911
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:18:44
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134220.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-Jul-2020 16:37:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-006
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:31:58 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:19:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.210	1.206	0.004	96	17005	2.00	2.23	
	2 N-Nitrosodimethylamine	74	1.388	1.382	0.006	80	23223	2.00	2.02	
	3 Pyridine	79	1.411	1.404	0.007	85	81032	4.00	4.24	
$	4 2-Fluorophenol	112	2.375	2.368	0.007	93	36472	2.00	1.97	
	5 Benzaldehyde	77	3.134	3.125	0.009	93	37421	2.00	2.11	
	8 Aniline	93	3.249	3.243	0.006	98	69246	2.00	2.07	
$	6 Phenol-d5	99	3.259	3.252	0.007	96	51548	2.00	2.05	
	7 Phenol	94	3.271	3.265	0.006	97	59427	2.00	2.20	
	9 Bis(2-chloroethyl)ether	93	3.319	3.313	0.006	97	44210	2.00	2.14	
	10 Benzonitrile	103	3.323	3.316	0.007	99	82033	NC	NC	
	11 2-Chlorophenol	128	3.370	3.364	0.006	93	43944	2.00	2.08	
	12 n-Decane	43	3.434	3.431	0.003	94	58645	2.00	2.04	
	13 1,3-Dichlorobenzene	146	3.514	3.508	0.006	94	51231	2.00	2.04	
*	14 1,4-Dichlorobenzene-d4	152	3.568	3.565	0.003	97	121221	8.00	8.00	
	15 1,4-Dichlorobenzene	146	3.588	3.581	0.007	96	52019	2.00	2.08	
	16 Benzyl alcohol	108	3.731	3.725	0.006	90	24739	2.00	1.99	
	17 1,2-Dichlorobenzene	146	3.738	3.735	0.003	94	49509	2.00	2.10	
	19 2,2'-oxybis[1-chloropropane]	45	3.862	3.859	0.003	91	80243	2.00	2.11	
	18 2-Methylphenol	108	3.869	3.866	0.003	85	38340	2.00	2.09	
	20 N-Methylaniline	106	3.974	3.971	0.003	94	64580	2.00	2.05	
	21 Acetophenone	105	3.980	3.977	0.003	94	62871	2.00	2.12	
	22 N-Nitrosodi-n-propylamine	70	3.993	3.990	0.003	92	32387	2.00	2.13	
	23 3 & 4 Methylphenol	108	4.031	4.025	0.006	64	39953	2.00	2.10	
	24 4-Methylphenol	108	4.031	4.025	0.006	92	39953	2.00	2.10	
	25 Hexachloroethane	117	4.067	4.064	0.003	93	21466	2.00	2.12	
$	27 Nitrobenzene-d5	82	4.124	4.121	0.003	90	46438	2.00	2.02	
	28 Nitrobenzene	123	4.143	4.140	0.003	91	19835	2.00	2.13	
	29 n,n'-Dimethylaniline	120	4.150	4.147	0.003	93	61174	2.00	2.06	
	30 Isophorone	82	4.383	4.380	0.003	99	78691	2.00	2.06	
	32 2-Nitrophenol	139	4.459	4.460	-0.001	84	21119	2.00	1.99	
	33 2,4-Dimethylphenol	122	4.542	4.543	-0.001	88	34520	2.00	2.09	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.619	4.616	0.003	96	51696	2.00	2.09	
35 Benzoic acid	122	4.635	4.648	-0.013	88	15058	2.00	1.92	
36 2,4-Dichlorophenol	162	4.712	4.712	0.000	95	34800	2.00	2.03	
37 1,2,4-Trichlorobenzene	180	4.775	4.773	0.002	94	41046	2.00	2.12	
* 38 Naphthalene-d8	136	4.820	4.821	-0.001	100	429527	8.00	8.00	
39 Naphthalene	128	4.843	4.840	0.003	98	114948	2.00	2.05	
40 4-Chloroaniline	127	4.919	4.916	0.003	95	48162	2.00	2.09	
130 2,6-Dichlorophenol	162	4.926	4.923	0.003	93	34522	NC	NC	
41 Hexachlorobutadiene	225	4.983	4.983	0.000	94	24533	2.00	2.14	
42 Caprolactam	113	5.226	5.229	-0.003	86	7033	2.00	1.93	
43 4-Chloro-3-methylphenol	107	5.433	5.430	0.003	97	31509	2.00	2.07	
44 2-Methylnaphthalene	142	5.516	5.517	-0.001	85	75171	2.00	2.08	
45 1-Methylnaphthalene	142	5.609	5.609	0.000	93	70596	2.00	2.10	
46 Hexachlorocyclopentadiene	237	5.682	5.679	0.003	97	26194	2.00	1.93	
47 1,2,4,5-Tetrachlorobenzene	216	5.682	5.683	-0.001	96	37195	2.00	2.02	
48 2-tertbutyl-4-methylphenol	149	5.759	5.759	0.000	87	39660	2.00	1.95	
49 2,4,6-Trichlorophenol	196	5.810	5.807	0.003	89	23168	2.00	2.13	
50 2,4,5-Trichlorophenol	196	5.852	5.849	0.003	95	24667	2.00	2.08	
$ 51 2-Fluorobiphenyl	172	5.880	5.881	-0.001	97	77259	2.00	1.97	
52 1,1'-Biphenyl	154	5.970	5.970	0.000	97	87043	2.00	2.10	
53 2-Chloronaphthalene	162	5.976	5.977	-0.001	97	70815	2.00	2.09	
54 Phenyl ether	170	6.075	6.076	-0.001	89	43919	2.00	2.00	
55 2-Nitroaniline	65	6.094	6.095	-0.001	96	20845	2.00	2.04	
57 1,3-Dimethylnaphthalene	156	6.193	6.194	-0.001	90	47323	2.00	2.03	
60 Coumarin	146	6.279	6.277	0.002	78	21903	2.00	1.98	
59 Dimethyl phthalate	163	6.283	6.283	0.000	97	68988	2.00	2.05	
61 2,6-Dinitrotoluene	165	6.331	6.331	0.000	90	14797	2.00	2.02	
62 Acenaphthylene	152	6.366	6.366	0.000	97	99256	2.00	2.09	
63 3-Nitroaniline	138	6.490	6.488	0.002	92	16834	2.00	2.06	a
* 64 Acenaphthene-d10	164	6.503	6.504	-0.001	97	198646	8.00	8.00	
66 Acenaphthene	154	6.535	6.533	0.002	96	59842	2.00	2.09	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.564	6.561	0.003	98	49192	2.00	1.92	
67 2,4-Dinitrophenol	184	6.586	6.587	-0.001	86	13553	4.00	3.81	
70 Dibenzofuran	168	6.698	6.699	-0.001	96	89542	2.00	2.07	
68 4-Nitrophenol	65	6.708	6.705	0.003	81	27448	4.00	4.16	
69 2,4-Dinitrotoluene	165	6.711	6.712	-0.001	93	19211	2.00	2.17	
72 2,3,4,6-Tetrachlorophenol	232	6.835	6.836	-0.001	90	16444	2.00	1.97	
73 Diethyl phthalate	149	6.957	6.958	-0.001	97	69869	2.00	2.08	
75 Fluorene	166	7.021	7.021	0.000	93	66716	2.00	2.10	
74 4-Chlorophenyl phenyl ether	204	7.037	7.037	0.000	87	32388	2.00	2.03	
76 4-Nitroaniline	138	7.062	7.063	-0.001	93	15157	2.00	2.07	
77 4,6-Dinitro-2-methylphenol	198	7.094	7.095	-0.001	74	18227	4.00	3.77	
78 N-Nitrosodiphenylamine	169	7.155	7.156	-0.001	57	45508	2.00	2.04	
79 1,2-Diphenylhydrazine	77	7.184	7.185	-0.001	97	78581	2.00	2.08	
$ 80 2,4,6-Tribromophenol	330	7.254	7.255	-0.001	92	9400	2.00	1.91	
81 4-Bromophenyl phenyl ether	248	7.493	7.494	-0.001	84	17693	2.00	2.00	
82 Hexachlorobenzene	284	7.544	7.545	-0.001	98	21528	2.00	2.06	
83 Atrazine	200	7.678	7.680	-0.002	88	15897	2.00	2.14	
84 Pentachlorophenol	266	7.742	7.743	-0.001	93	19014	4.00	3.68	
85 Pentachloronitrobenzene	237	7.749	7.750	-0.001	86	8645	2.00	1.90	
86 n-Octadecane	57	7.867	7.865	0.002	95	50586	2.00	2.00	
* 87 Phenanthrene-d10	188	7.896	7.897	-0.001	99	303386	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.918	7.919	-0.001	98	88864	2.00	2.05	
89 Anthracene	178	7.966	7.964	0.002	98	90374	2.00	2.05	
90 Carbazole	167	8.135	8.136	-0.001	97	78651	2.00	2.07	
91 Di-n-butyl phthalate	149	8.502	8.504	-0.002	99	96861	2.00	1.95	
92 Fluoranthene	202	9.032	9.033	-0.001	97	83929	2.00	2.01	
93 Benzidine	184	9.185	9.187	-0.002	99	43639	2.00	1.98	
94 Pyrene	202	9.240	9.241	-0.001	96	87743	2.00	2.07	
95 Bisphenol-A	213	9.345	9.346	-0.001	97	35246	2.00	1.93	M
$ 96 Terphenyl-d14	244	9.419	9.420	-0.001	99	52843	2.00	1.96	
97 Butyl benzyl phthalate	149	9.904	9.905	-0.001	97	37034	2.00	1.98	
99 Carbamazepine	193	9.977	9.979	-0.002	92	26365	2.00	1.77	
101 Benzo[a]anthracene	228	10.383	10.384	-0.001	100	72703	2.00	2.00	
100 3,3'-Dichlorobenzidine	252	10.386	10.388	-0.002	97	27292	2.00	2.04	
* 102 Chrysene-d12	240	10.392	10.391	0.001	99	214698	8.00	8.00	
104 Chrysene	228	10.418	10.416	0.002	97	76883	2.00	2.11	
103 Bis(2-ethylhexyl) phthalate	149	10.491	10.493	-0.002	87	54001	2.00	2.07	
105 Di-n-octyl phthalate	149	11.216	11.218	-0.002	97	89836	2.00	1.94	
106 Benzo[b]fluoranthene	252	11.577	11.579	-0.002	97	69347	2.00	2.09	
107 Benzo[k]fluoranthene	252	11.612	11.611	0.001	99	76766	2.00	2.11	
108 Benzo[a]pyrene	252	11.970	11.972	-0.002	96	64216	2.00	2.16	
* 109 Perylene-d12	264	12.046	12.045	0.001	98	240811	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.416	13.416	0.000	97	68851	2.00	2.05	
111 Dibenz(a,h)anthracene	278	13.455	13.454	0.001	97	68748	2.00	2.05	
112 Benzo[g,h,i]perylene	276	13.749	13.751	-0.002	95	80264	2.00	2.00	
S 119 Total Cresols	1				0			4.19	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL5_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 15-Jul-2020 07:31:59 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134220.D

Injection Date: 14-Jul-2020 16:37:30 Instrument ID: CBNAMS17 Operator ID:

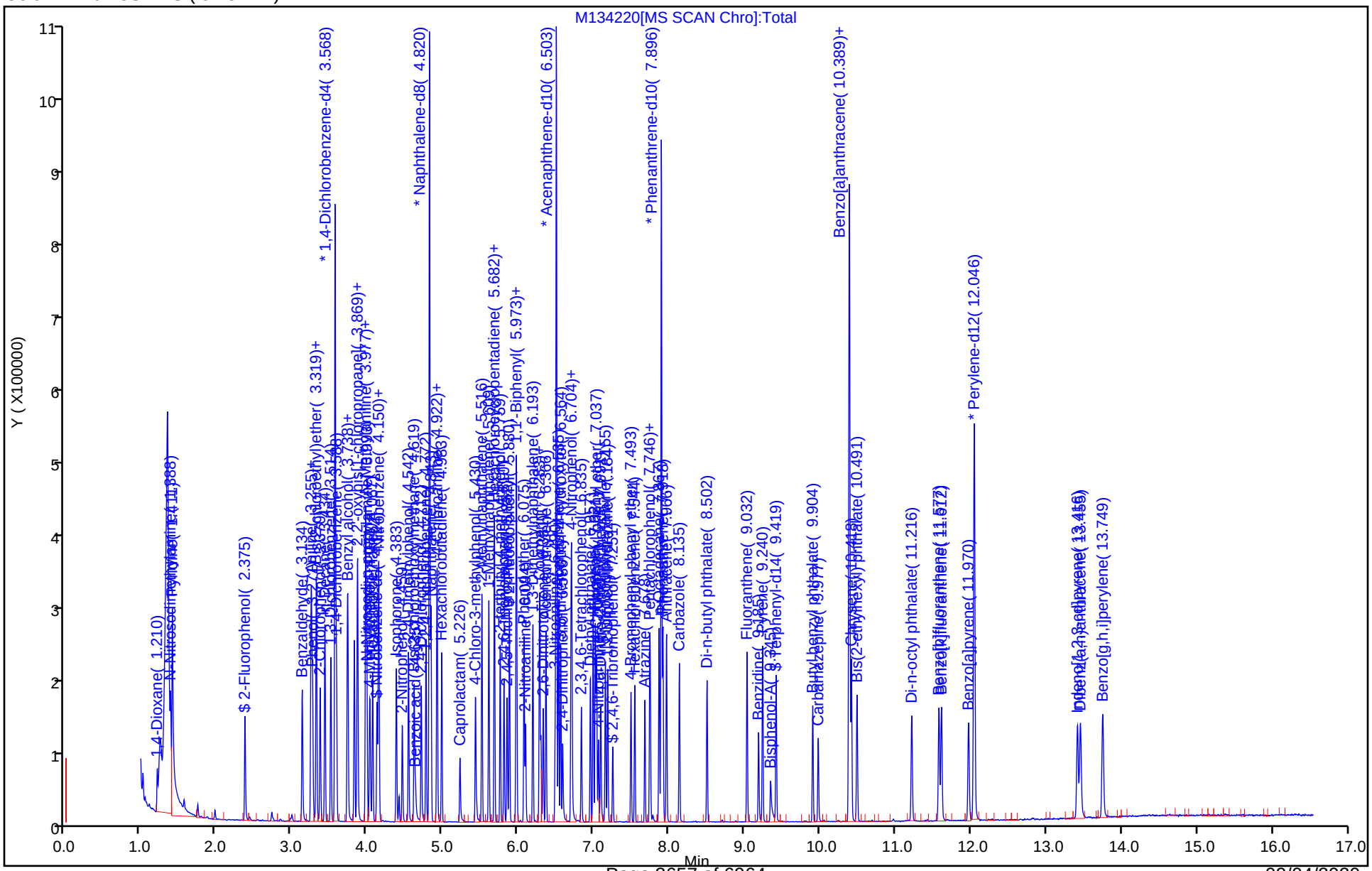
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

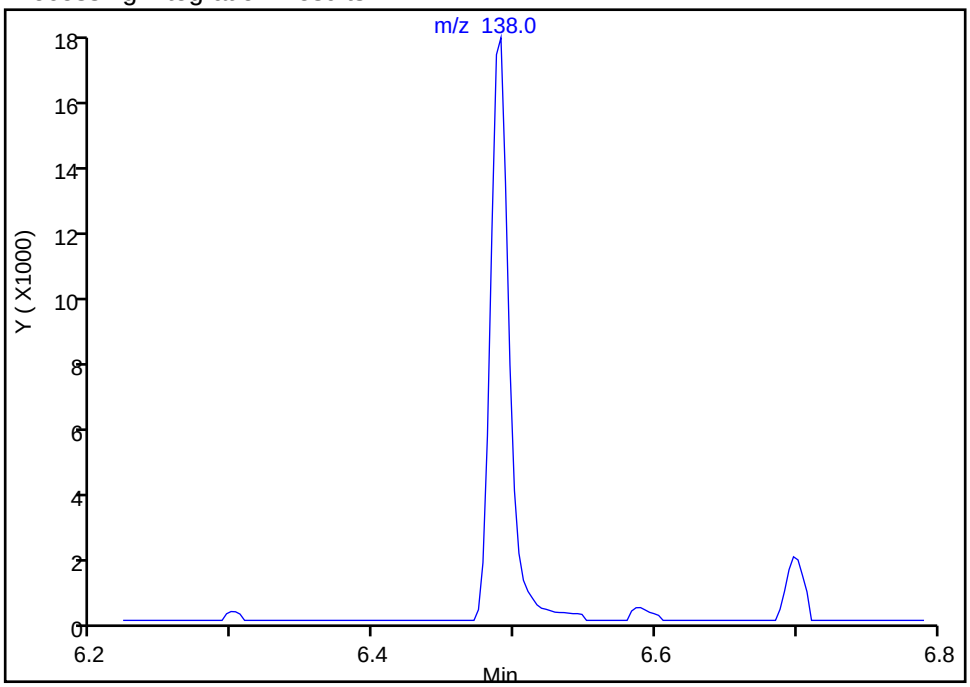
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134220.D
Injection Date: 14-Jul-2020 16:37:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

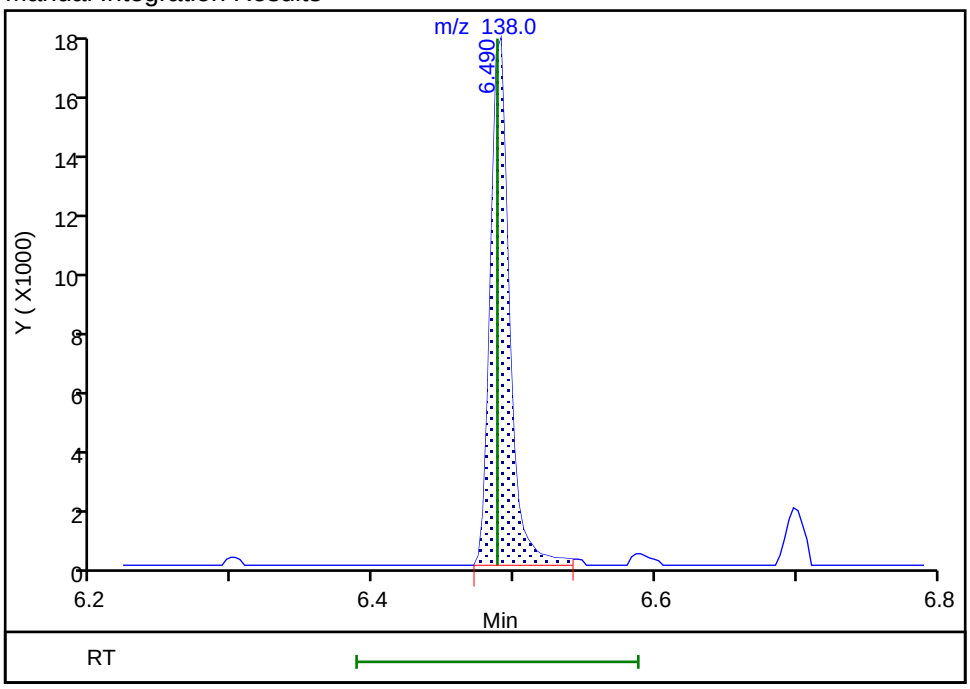
Not Detected
Expected RT: 6.49

Processing Integration Results



Manual Integration Results

RT: 6.49
Area: 16834
Amount: 2.060181
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:19:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

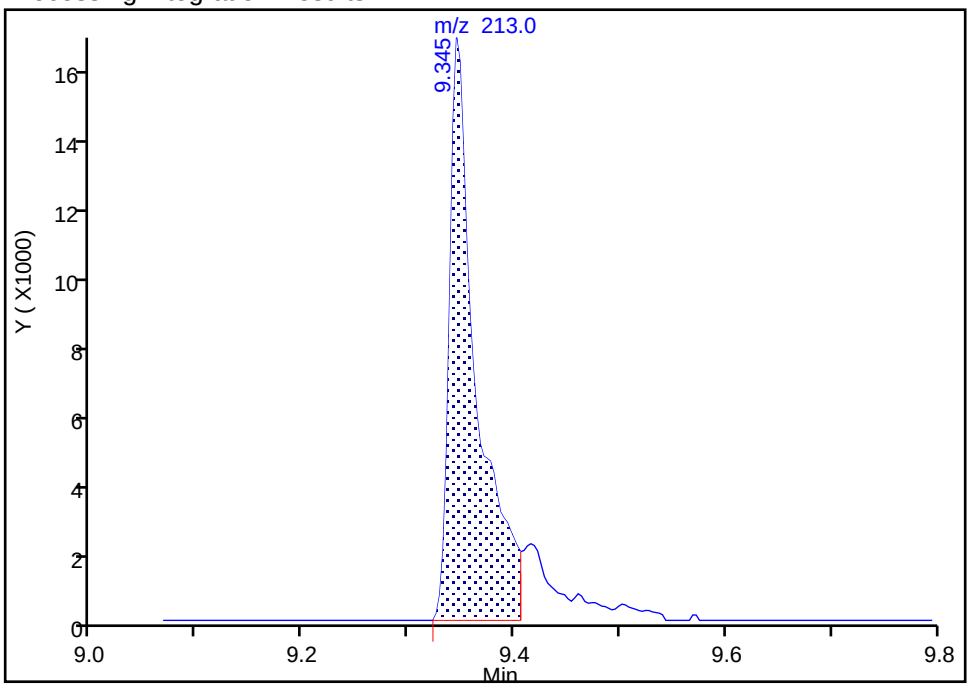
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134220.D
Injection Date: 14-Jul-2020 16:37:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

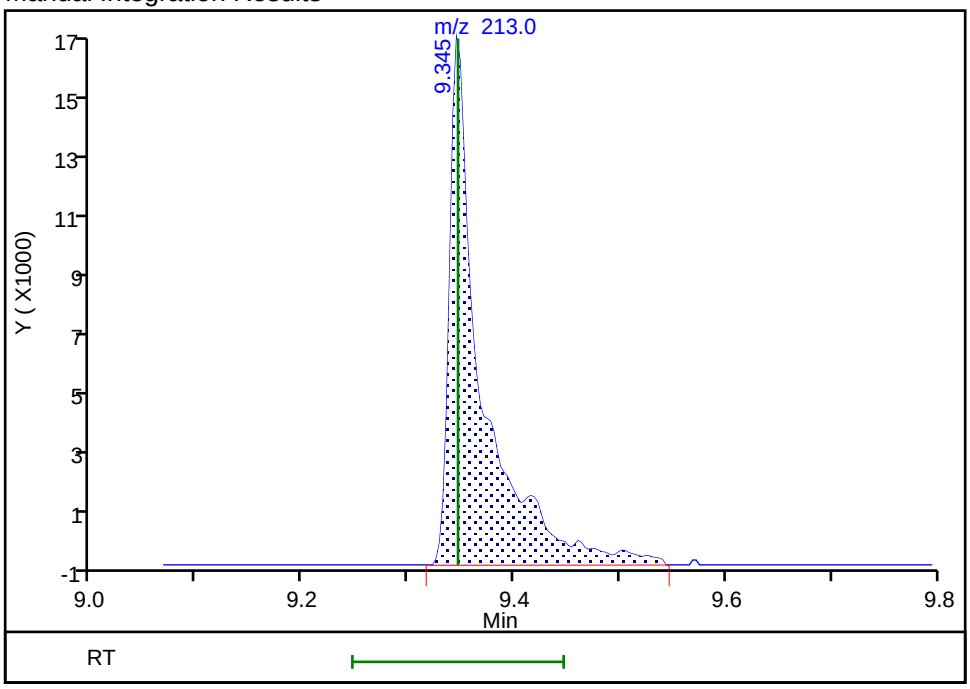
Processing Integration Results

RT: 9.35
Area: 29388
Amount: 2.001974
Amount Units: ug/ml



Manual Integration Results

RT: 9.35
Area: 35246
Amount: 1.927250
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:19:37
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134221.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-Jul-2020 16:58:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-007
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:32:05 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:21:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.210	1.206	0.004	97	9091	1.00	1.06	
2 N-Nitrosodimethylamine	74	1.388	1.382	0.006	79	12651	1.00	0.9762	
3 Pyridine	79	1.414	1.404	0.010	87	43110	2.00	2.00	
$ 4 2-Fluorophenol	112	2.371	2.368	0.003	93	20383	1.00	0.9736	
5 Benzaldehyde	77	3.128	3.125	0.003	93	20425	1.00	1.02	
8 Aniline	93	3.243	3.243	0.000	98	38630	1.00	1.02	
$ 6 Phenol-d5	99	3.252	3.252	0.000	95	28037	1.00	0.9880	
7 Phenol	94	3.265	3.265	0.000	98	30373	1.00	1.00	
9 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	91	24791	1.00	1.06	
10 Benzonitrile	103	3.316	3.316	0.000	99	47609	NC	NC	
11 2-Chlorophenol	128	3.367	3.364	0.003	92	24248	1.00	1.02	
12 n-Decane	43	3.428	3.431	-0.003	97	33423	1.00	1.03	
13 1,3-Dichlorobenzene	146	3.508	3.508	0.000	95	30203	1.00	1.06	
* 14 1,4-Dichlorobenzene-d4	152	3.565	3.565	0.000	97	136897	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.581	3.581	0.000	92	28464	1.00	1.01	
16 Benzyl alcohol	108	3.728	3.725	0.003	89	13883	1.00	0.9864	
17 1,2-Dichlorobenzene	146	3.734	3.735	-0.001	93	27299	1.00	1.02	
19 2,2'-oxybis[1-chloropropane]	45	3.859	3.859	0.000	90	45825	1.00	1.06	
18 2-Methylphenol	108	3.865	3.866	-0.001	83	21641	1.00	1.05	
20 N-Methylaniline	106	3.971	3.971	0.000	97	36412	1.00	1.02	
21 Acetophenone	105	3.977	3.977	0.000	93	35263	1.00	1.05	
22 N-Nitrosodi-n-propylamine	70	3.990	3.990	0.000	91	19086	1.00	1.11	
23 3 & 4 Methylphenol	108	4.028	4.025	0.003	64	21985	1.00	1.02	
24 4-Methylphenol	108	4.028	4.025	0.003	93	21985	1.00	1.02	
25 Hexachloroethane	117	4.063	4.064	-0.001	92	11962	1.00	1.05	
$ 27 Nitrobenzene-d5	82	4.124	4.121	0.003	90	27432	1.00	1.01	
28 Nitrobenzene	123	4.143	4.140	0.003	91	12083	1.00	1.15	
29 n,n'-Dimethylaniline	120	4.149	4.147	0.002	93	34132	1.00	1.02	
30 Isophorone	82	4.379	4.380	-0.001	99	46325	1.00	1.03	
32 2-Nitrophenol	139	4.459	4.460	-0.001	87	12135	1.00	0.9705	
33 2,4-Dimethylphenol	122	4.542	4.543	-0.001	89	19351	1.00	1.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.615	4.616	-0.001	95	29470	1.00	1.01	
35 Benzoic acid	122	4.625	4.648	-0.023	88	6488	1.00	1.02	
36 2,4-Dichlorophenol	162	4.711	4.712	-0.001	95	20272	1.00	1.00	
37 1,2,4-Trichlorobenzene	180	4.775	4.773	0.002	94	23262	1.00	1.02	
* 38 Naphthalene-d8	136	4.820	4.821	-0.001	100	505179	8.00	8.00	
39 Naphthalene	128	4.839	4.840	-0.001	99	69130	1.00	1.05	
40 4-Chloroaniline	127	4.919	4.916	0.003	96	27506	1.00	1.01	
130 2,6-Dichlorophenol	162	4.922	4.923	-0.001	93	19747	NC	NC	
41 Hexachlorobutadiene	225	4.983	4.983	0.000	94	13507	1.00	1.00	
42 Caprolactam	113	5.222	5.229	-0.007	86	3824	1.00	0.9446	
43 4-Chloro-3-methylphenol	107	5.433	5.430	0.003	98	17239	1.00	0.9645	
44 2-Methylnaphthalene	142	5.516	5.517	-0.001	83	44723	1.00	1.05	
45 1-Methylnaphthalene	142	5.608	5.609	-0.001	93	41013	1.00	1.04	
46 Hexachlorocyclopentadiene	237	5.682	5.679	0.003	96	14695	1.00	0.8945	
47 1,2,4,5-Tetrachlorobenzene	216	5.682	5.683	-0.001	95	21938	1.00	0.9835	
48 2-tertbutyl-4-methylphenol	149	5.758	5.759	-0.001	89	23512	1.00	0.9846	
49 2,4,6-Trichlorophenol	196	5.809	5.807	0.002	88	13582	1.00	1.03	
50 2,4,5-Trichlorophenol	196	5.851	5.849	0.002	93	13330	1.00	0.9292	
$ 51 2-Fluorobiphenyl	172	5.880	5.881	-0.001	96	46915	1.00	0.9859	
52 1,1'-Biphenyl	154	5.972	5.970	0.002	98	49907	1.00	0.99	
53 2-Chloronaphthalene	162	5.979	5.977	0.002	98	41870	1.00	1.02	
54 Phenyl ether	170	6.074	6.076	-0.002	87	25776	1.00	0.9709	
55 2-Nitroaniline	65	6.094	6.095	-0.001	96	11587	1.00	0.9345	
57 1,3-Dimethylnaphthalene	156	6.193	6.194	-0.001	89	27759	1.00	0.9832	
60 Coumarin	146	6.279	6.277	0.002	78	12946	1.00	1.00	
59 Dimethyl phthalate	163	6.282	6.283	-0.001	98	41010	1.00	1.01	
61 2,6-Dinitrotoluene	165	6.330	6.331	-0.001	91	8955	1.00	1.01	
62 Acenaphthylene	152	6.365	6.366	-0.001	97	58935	1.00	1.02	
63 3-Nitroaniline	138	6.490	6.488	0.002	92	9458	1.00	0.9560	a
* 64 Acenaphthene-d10	164	6.502	6.504	-0.002	97	240511	8.00	8.00	
66 Acenaphthene	154	6.534	6.533	0.001	97	35454	1.00	1.02	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.563	6.561	0.002	98	29971	1.00	0.9674	
67 2,4-Dinitrophenol	184	6.589	6.587	0.002	93	6494	2.00	2.05	
70 Dibenzofuran	168	6.700	6.699	0.001	96	53405	1.00	1.02	
68 4-Nitrophenol	65	6.707	6.705	0.002	79	13979	2.00	1.75	
69 2,4-Dinitrotoluene	165	6.710	6.712	-0.002	93	9831	1.00	0.9186	
72 2,3,4,6-Tetrachlorophenol	232	6.838	6.836	0.002	92	9421	1.00	0.9301	
73 Diethyl phthalate	149	6.956	6.958	-0.002	97	39764	1.00	0.9787	
75 Fluorene	166	7.020	7.021	-0.001	96	38556	1.00	1.00	
74 4-Chlorophenyl phenyl ether	204	7.039	7.037	0.002	87	19599	1.00	1.02	
76 4-Nitroaniline	138	7.064	7.063	0.001	93	7953	1.00	0.8958	
77 4,6-Dinitro-2-methylphenol	198	7.093	7.095	-0.002	74	8916	2.00	1.61	a
78 N-Nitrosodiphenylamine	169	7.154	7.156	-0.002	57	26203	1.00	1.03	
79 1,2-Diphenylhydrazine	77	7.183	7.185	-0.002	97	45219	1.00	1.05	
$ 80 2,4,6-Tribromophenol	330	7.253	7.255	-0.002	94	5588	1.00	0.9399	
81 4-Bromophenyl phenyl ether	248	7.495	7.494	0.001	83	10516	1.00	1.04	
82 Hexachlorobenzene	284	7.543	7.545	-0.002	99	12795	1.00	1.07	
83 Atrazine	200	7.677	7.680	-0.003	87	8461	1.00	0.99	
84 Pentachlorophenol	266	7.741	7.743	-0.002	90	8920	2.00	1.51	
85 Pentachloronitrobenzene	237	7.748	7.750	-0.002	85	5048	1.00	0.9700	
86 n-Octadecane	57	7.866	7.865	0.001	95	27362	1.00	0.9426	
* 87 Phenanthrene-d10	188	7.895	7.897	-0.002	99	347794	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.917	7.919	-0.002	98	51138	1.00	1.03	
89 Anthracene	178	7.965	7.964	0.001	98	50915	1.00	1.01	
90 Carbazole	167	8.134	8.136	-0.002	97	41357	1.00	0.9510	
91 Di-n-butyl phthalate	149	8.501	8.504	-0.003	99	51091	1.00	0.8990	
92 Fluoranthene	202	9.034	9.033	0.001	98	45050	1.00	0.9415	
93 Benzidine	184	9.187	9.187	0.000	99	19672	1.00	0.7797	
94 Pyrene	202	9.238	9.241	-0.003	96	46126	1.00	1.09	
95 Bisphenol-A	213	9.347	9.346	0.001	96	16593	1.00	0.9078	M
$ 96 Terphenyl-d14	244	9.417	9.420	-0.003	98	26048	1.00	0.9689	
97 Butyl benzyl phthalate	149	9.906	9.905	0.001	97	16978	1.00	0.9066	
99 Carbamazepine	193	9.976	9.979	-0.003	91	11311	1.00	0.7591	
101 Benzo[a]anthracene	228	10.381	10.384	-0.003	99	36847	1.00	1.02	
100 3,3'-Dichlorobenzidine	252	10.384	10.388	-0.004	97	12565	1.00	0.9405	
* 102 Chrysene-d12	240	10.391	10.391	0.000	99	214575	8.00	8.00	
104 Chrysene	228	10.416	10.416	0.000	97	39077	1.00	1.07	
103 Bis(2-ethylhexyl) phthalate	149	10.490	10.493	-0.003	87	25240	1.00	0.9697	
105 Di-n-octyl phthalate	149	11.218	11.218	0.000	96	37320	1.00	0.8214	
106 Benzo[b]fluoranthene	252	11.578	11.579	-0.001	97	31944	1.00	0.9772	
107 Benzo[k]fluoranthene	252	11.610	11.611	-0.001	99	36361	1.00	1.02	
108 Benzo[a]pyrene	252	11.971	11.972	-0.001	96	29764	1.00	1.02	
* 109 Perylene-d12	264	12.045	12.045	0.000	98	236793	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.414	13.416	-0.002	96	33202	1.00	1.00	
111 Dibenz(a,h)anthracene	278	13.453	13.454	-0.001	96	35706	1.00	1.08	
112 Benzo[g,h,i]perylene	276	13.750	13.751	-0.001	94	39214	1.00	0.99	
S 119 Total Cresols	1				0			2.07	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 15-Jul-2020 07:32:06 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134221.D

Injection Date: 14-Jul-2020 16:58:30 Instrument ID: CBNAMS17 Operator ID:

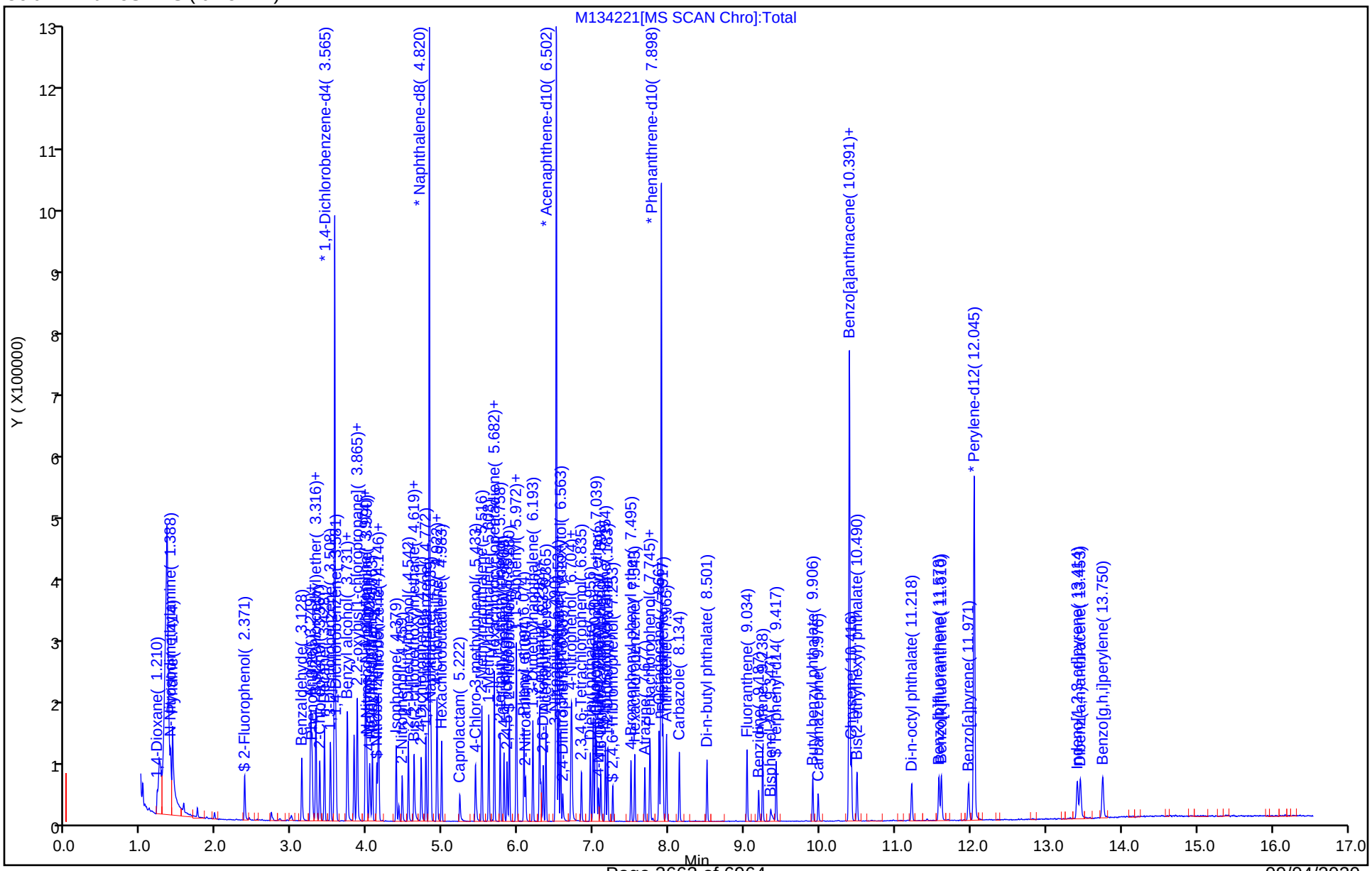
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

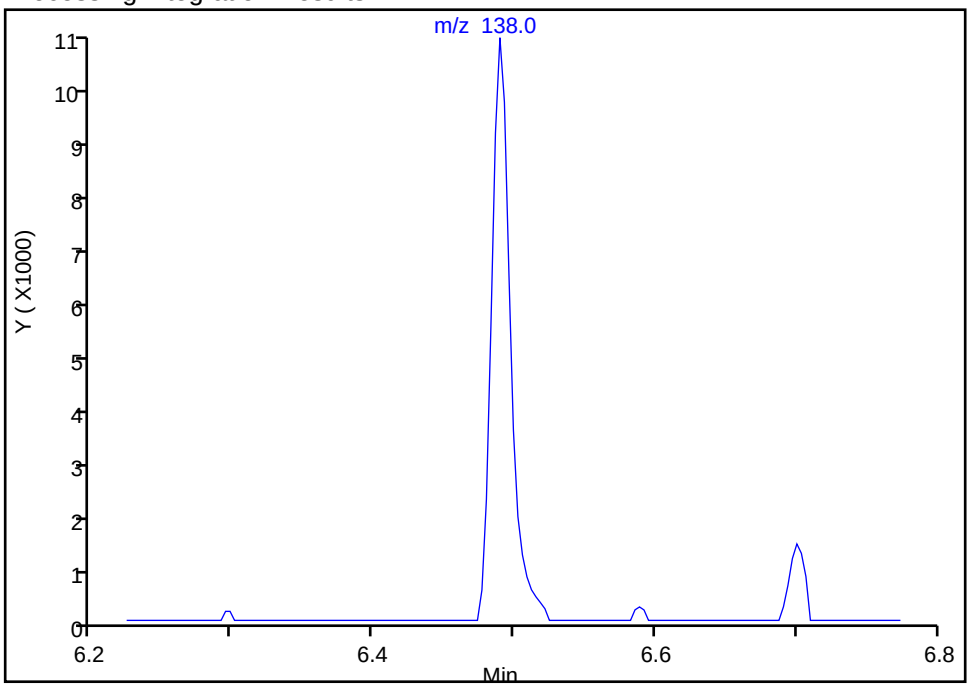
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134221.D				
Injection Date:	14-Jul-2020 16:58:30	Instrument ID:	CBNAMS17		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

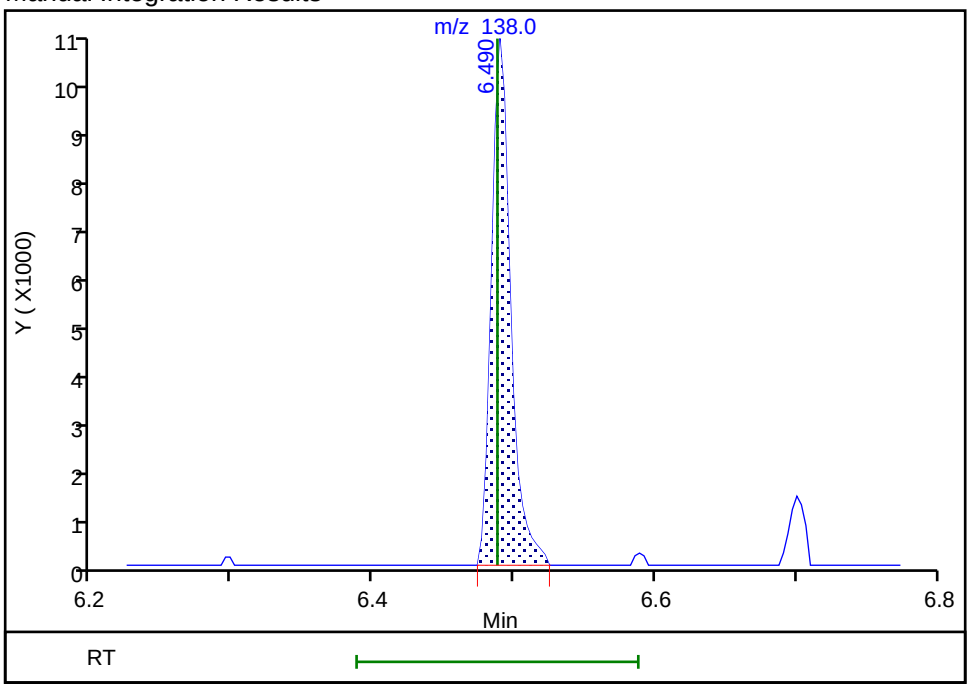
Not Detected
Expected RT: 6.49

Processing Integration Results



Manual Integration Results

RT: 6.49
Area: 9458
Amount: 0.956010
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:20:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

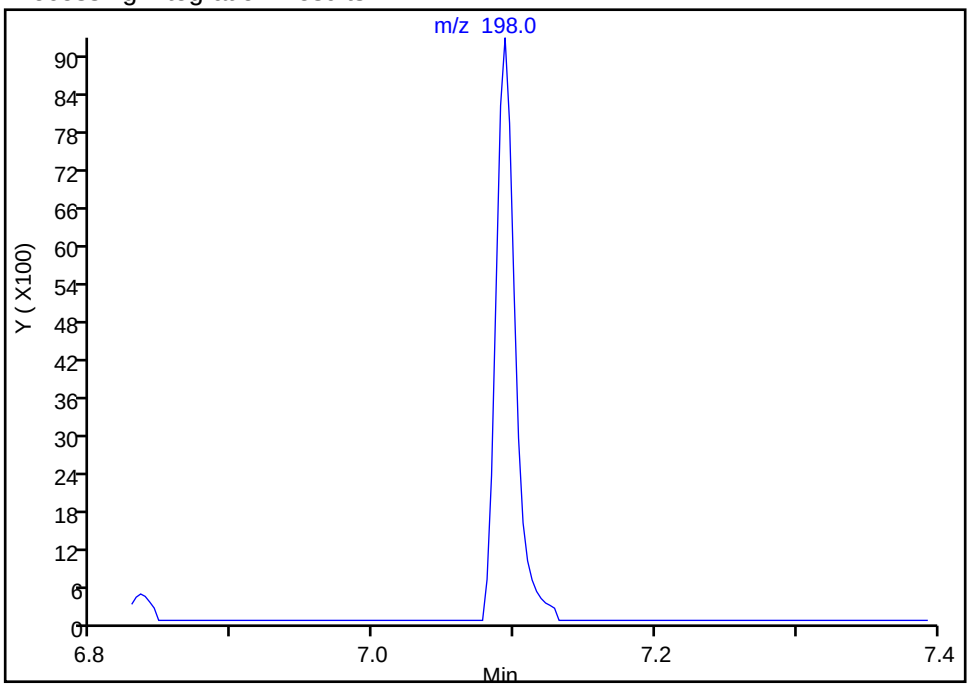
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134221.D				
Injection Date:	14-Jul-2020 16:58:30	Instrument ID:	CBNAMS17		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

77 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

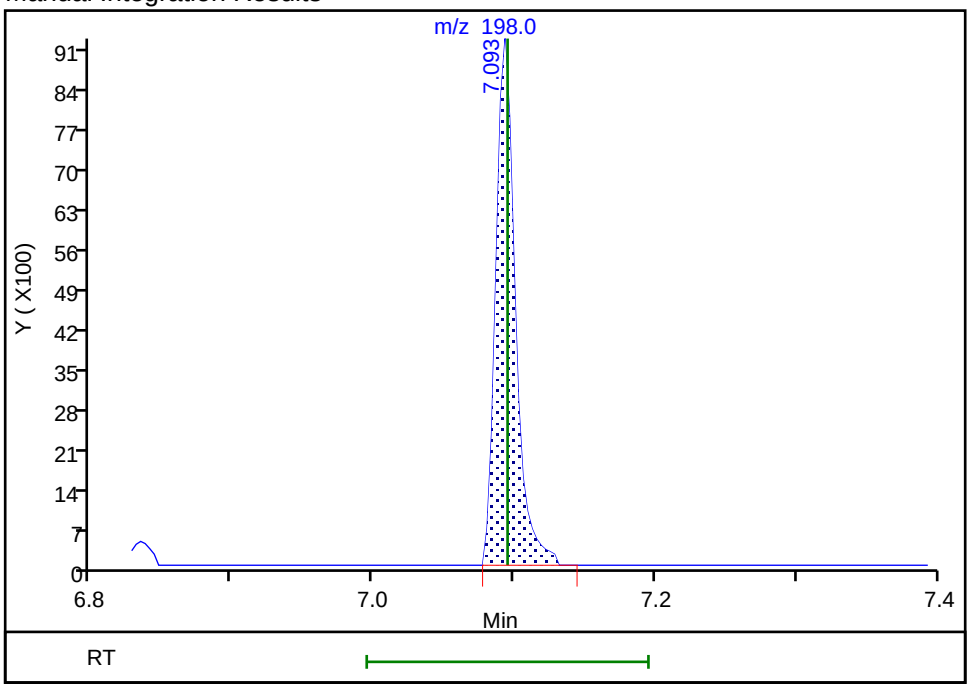
Not Detected
Expected RT: 7.10

Processing Integration Results



Manual Integration Results

RT: 7.09
Area: 8916
Amount: 1.607823
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:20:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

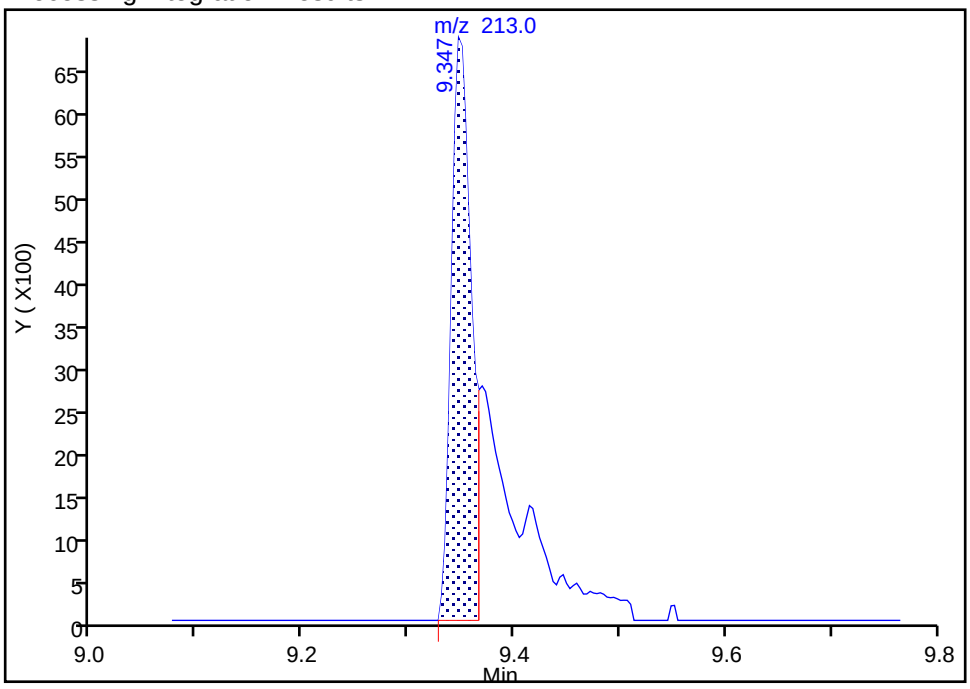
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134221.D
Injection Date: 14-Jul-2020 16:58:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

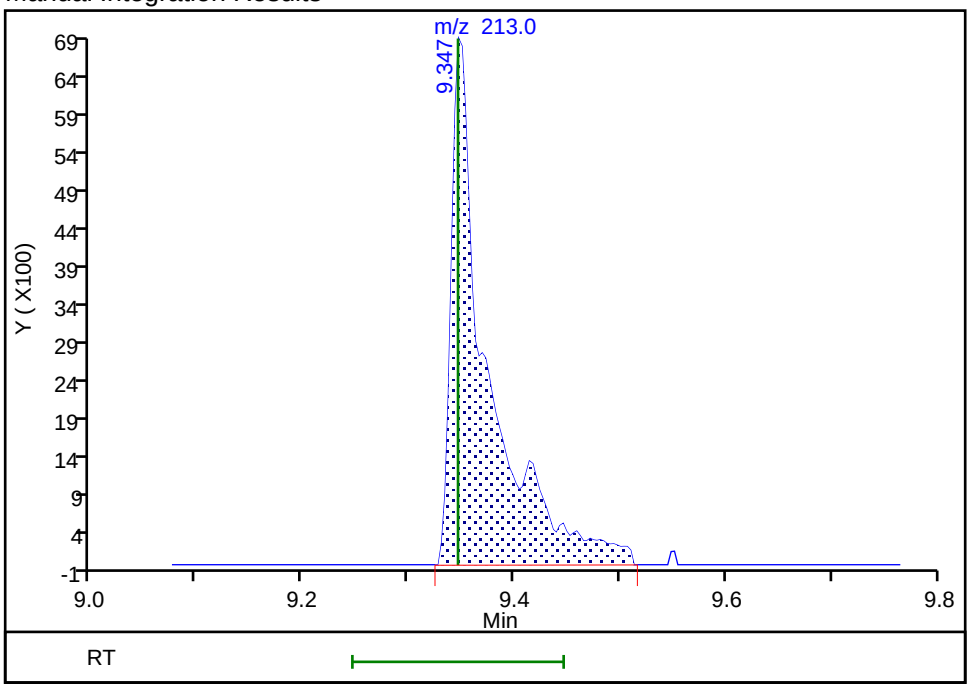
Processing Integration Results

RT: 9.35
Area: 9070
Amount: 0.940018
Amount Units: ug/ml



Manual Integration Results

RT: 9.35
Area: 16593
Amount: 0.907825
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:20:32
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134222.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 14-Jul-2020 17:19:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-008
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:32:11 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:21:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.137	3.125	0.012	92	7107	0.4000	0.3967	
* 14 1,4-Dichlorobenzene-d4	152	3.568	3.565	0.003	97	122310	8.00	8.00	
* 38 Naphthalene-d8	136	4.820	4.821	-0.001	100	445181	8.00	8.00	
42 Caprolactam	113	5.225	5.229	-0.004	80	990	0.4000	0.3479	
* 64 Acenaphthene-d10	164	6.505	6.504	0.001	98	212891	8.00	8.00	
83 Atrazine	200	7.677	7.680	-0.003	83	2680	0.4000	0.3394	
* 87 Phenanthrene-d10	188	7.897	7.897	0.000	99	322705	8.00	8.00	
* 102 Chrysene-d12	240	10.390	10.391	-0.001	99	215973	8.00	8.00	
103 Bis(2-ethylhexyl) phthalate	149	10.489	10.493	-0.004	88	8460	0.4000	0.3229	a
* 109 Perylene-d12	264	12.046	12.045	0.001	97	244051	8.00	8.00	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

SV_BNAL3_LVI_00002 Amount Added: 1.00 Units: mL

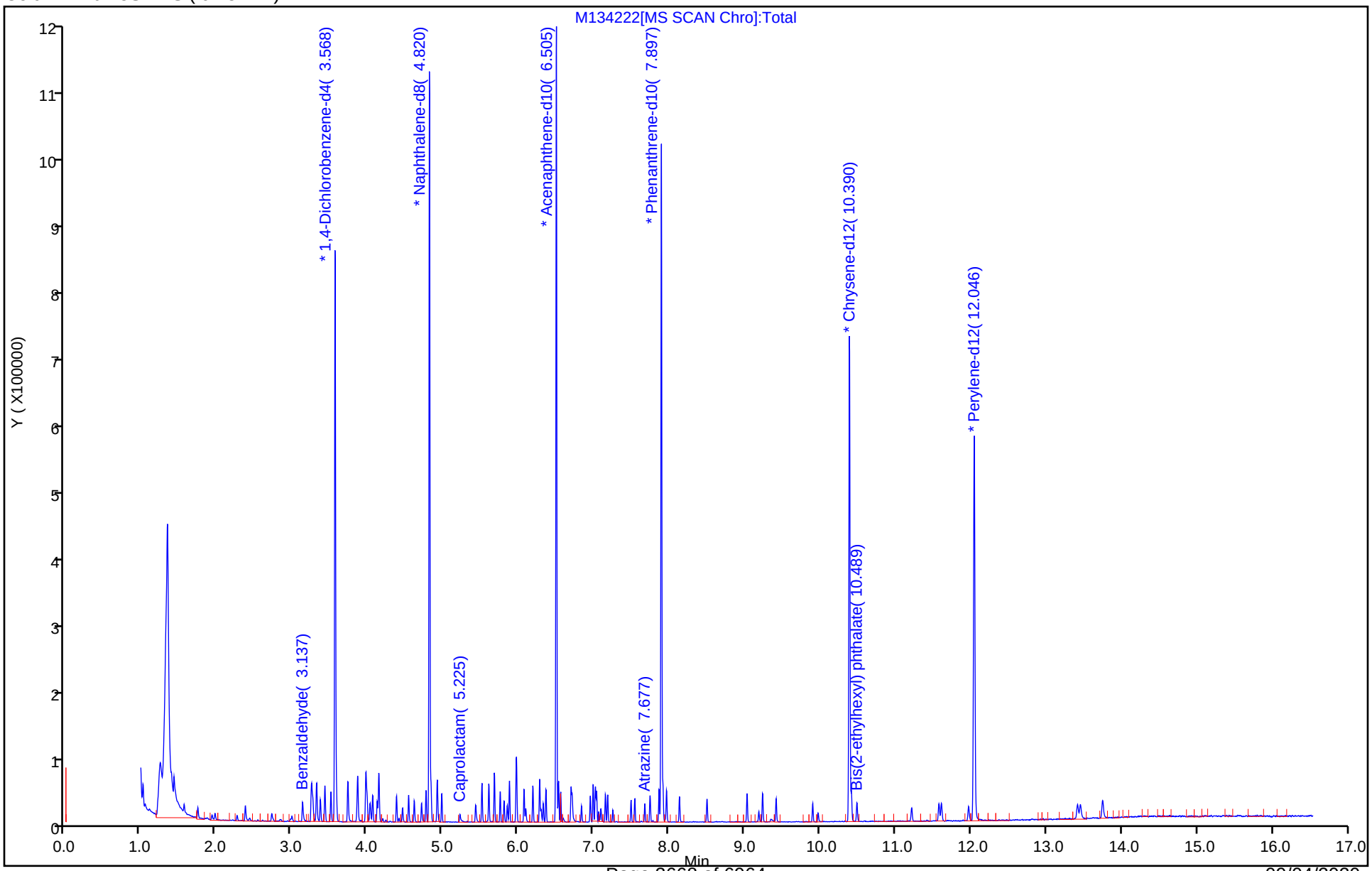
Report Date: 15-Jul-2020 07:32:12 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134222.D

Injection Date:	14-Jul-2020 17:19:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

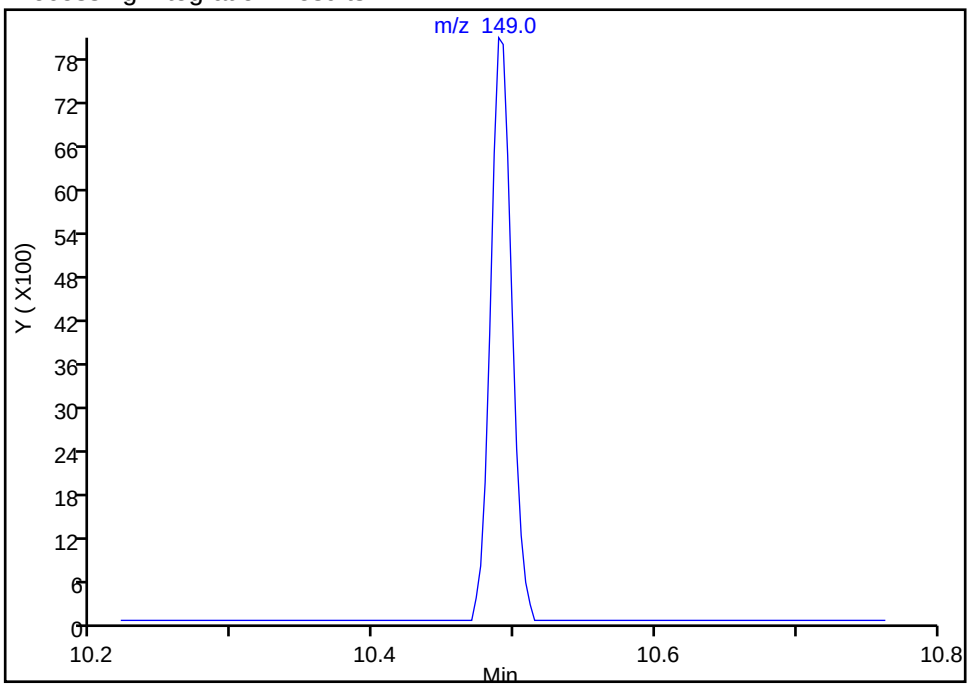
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134222.D				
Injection Date:	14-Jul-2020 17:19:30	Instrument ID:	CBNAMS17		
Lims ID:	STD04				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

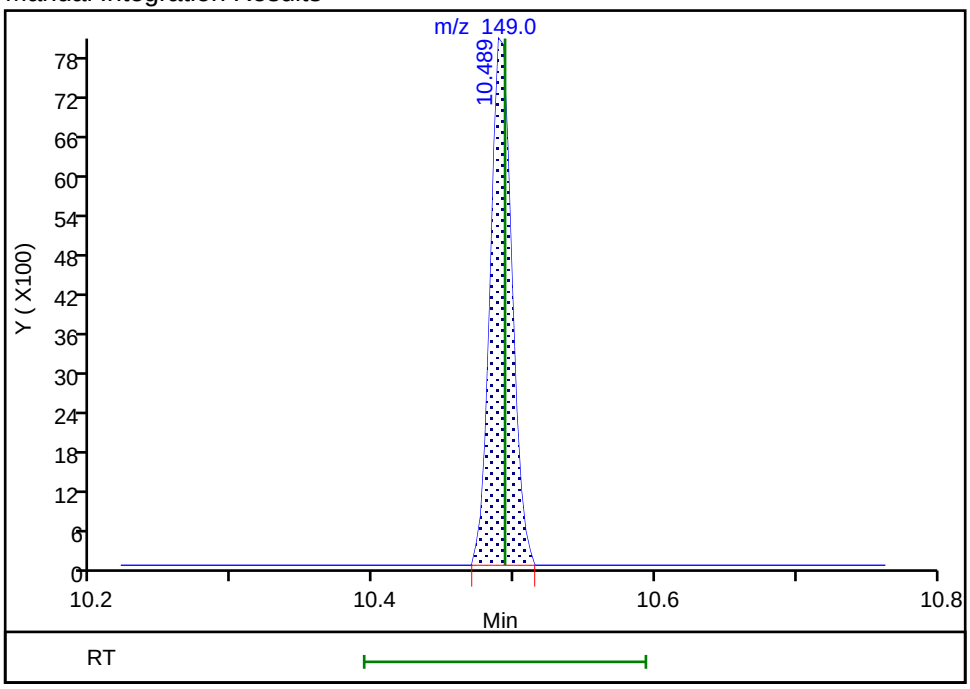
Not Detected
Expected RT: 10.49

Processing Integration Results



Manual Integration Results

RT: 10.49
Area: 8460
Amount: 0.322933
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:21:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134223.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-Jul-2020 17:40:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-009
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:32:13 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:22:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.375	2.368	0.007	92	3887	0.2000	0.1721	
5 Benzaldehyde	77	3.134	3.125	0.009	90	3861	0.2000	0.1785	
$ 6 Phenol-d5	99	3.256	3.252	0.004	96	5918	0.2000	0.1933	
9 Bis(2-chloroethyl)ether	93	3.316	3.313	0.003	88	4547	0.2000	0.1810	
* 14 1,4-Dichlorobenzene-d4	152	3.565	3.565	0.000	98	147676	8.00	8.00	
20 N-Methylaniline	106	3.974	3.971	0.003	90	7695	0.2000	0.2005	
22 N-Nitrosodi-n-propylamine	70	3.993	3.990	0.003	83	3503	0.2000	0.1894	
25 Hexachloroethane	117	4.063	4.064	-0.001	92	2474	0.2000	0.2007	
$ 27 Nitrobenzene-d5	82	4.127	4.121	0.006	92	5201	0.2000	0.1812	
28 Nitrobenzene	123	4.146	4.140	0.006	90	2208	0.2000	0.1949	
29 n,n'-Dimethylaniline	120	4.149	4.147	0.002	93	6999	0.2000	0.1938	
30 Isophorone	82	4.382	4.380	0.002	98	9139	0.2000	0.1923	
37 1,2,4-Trichlorobenzene	180	4.775	4.773	0.002	91	5040	0.2000	0.2086	
* 38 Naphthalene-d8	136	4.820	4.821	-0.001	100	534934	8.00	8.00	
39 Naphthalene	128	4.839	4.840	-0.001	98	14011	0.2000	0.2011	
41 Hexachlorobutadiene	225	4.982	4.983	-0.001	92	2838	0.2000	0.1990	
42 Caprolactam	113	5.228	5.229	-0.001	82	551	0.2000	0.2147	
44 2-Methylnaphthalene	142	5.515	5.517	-0.002	82	8836	0.2000	0.1967	
45 1-Methylnaphthalene	142	5.608	5.609	-0.001	93	8551	0.2000	0.2043	
48 2-tertbutyl-4-methylphenol	149	5.758	5.759	-0.001	88	4900	0.2000	0.1938	
49 2,4,6-Trichlorophenol	196	5.812	5.807	0.005	84	2187	0.2000	0.1519	
$ 51 2-Fluorobiphenyl	172	5.882	5.881	0.001	97	10529	0.2000	0.2021	
61 2,6-Dinitrotoluene	165	6.329	6.331	-0.002	88	1690	0.2000	0.1739	
* 64 Acenaphthene-d10	164	6.505	6.504	0.001	97	263385	8.00	8.00	
69 2,4-Dinitrotoluene	165	6.716	6.712	0.004	92	1743	0.2000	0.1487	a
$ 80 2,4,6-Tribromophenol	330	7.252	7.255	-0.003	85	1043	0.2000	0.1602	
82 Hexachlorobenzene	284	7.542	7.545	-0.003	93	2610	0.2000	0.1975	
83 Atrazine	200	7.676	7.680	-0.004	81	1544	0.2000	0.1645	
* 87 Phenanthrene-d10	188	7.897	7.897	0.000	99	383741	8.00	8.00	
$ 96 Terphenyl-d14	244	9.419	9.420	-0.001	98	6135	0.2000	0.2197	
101 Benzo[a]anthracene	228	10.383	10.384	-0.001	98	7361	0.2000	0.1954	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 3,3'-Dichlorobenzidine	252	10.389	10.388	0.001	63	1976	0.2000	0.1424	
* 102 Chrysene-d12	240	10.393	10.391	0.002	98	222838	8.00	8.00	
104 Chrysene	228	10.418	10.416	0.002	98	6990	0.2000	0.1850	
103 Bis(2-ethylhexyl) phthalate	149	10.492	10.493	-0.001	86	4460	0.2000	0.1650	a
106 Benzo[b]fluoranthene	252	11.580	11.579	0.001	97	6013	0.2000	0.1778	
107 Benzo[k]fluoranthene	252	11.612	11.611	0.001	94	6719	0.2000	0.1818	
108 Benzo[a]pyrene	252	11.973	11.972	0.001	95	5330	0.2000	0.1763	
* 109 Perylene-d12	264	12.046	12.045	0.001	97	244979	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.416	13.416	0.000	96	6003	0.2000	0.1753	
111 Dibenz(a,h)anthracene	278	13.458	13.454	0.004	95	5858	0.2000	0.1714	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00001 Amount Added: 1.00 Units: mL

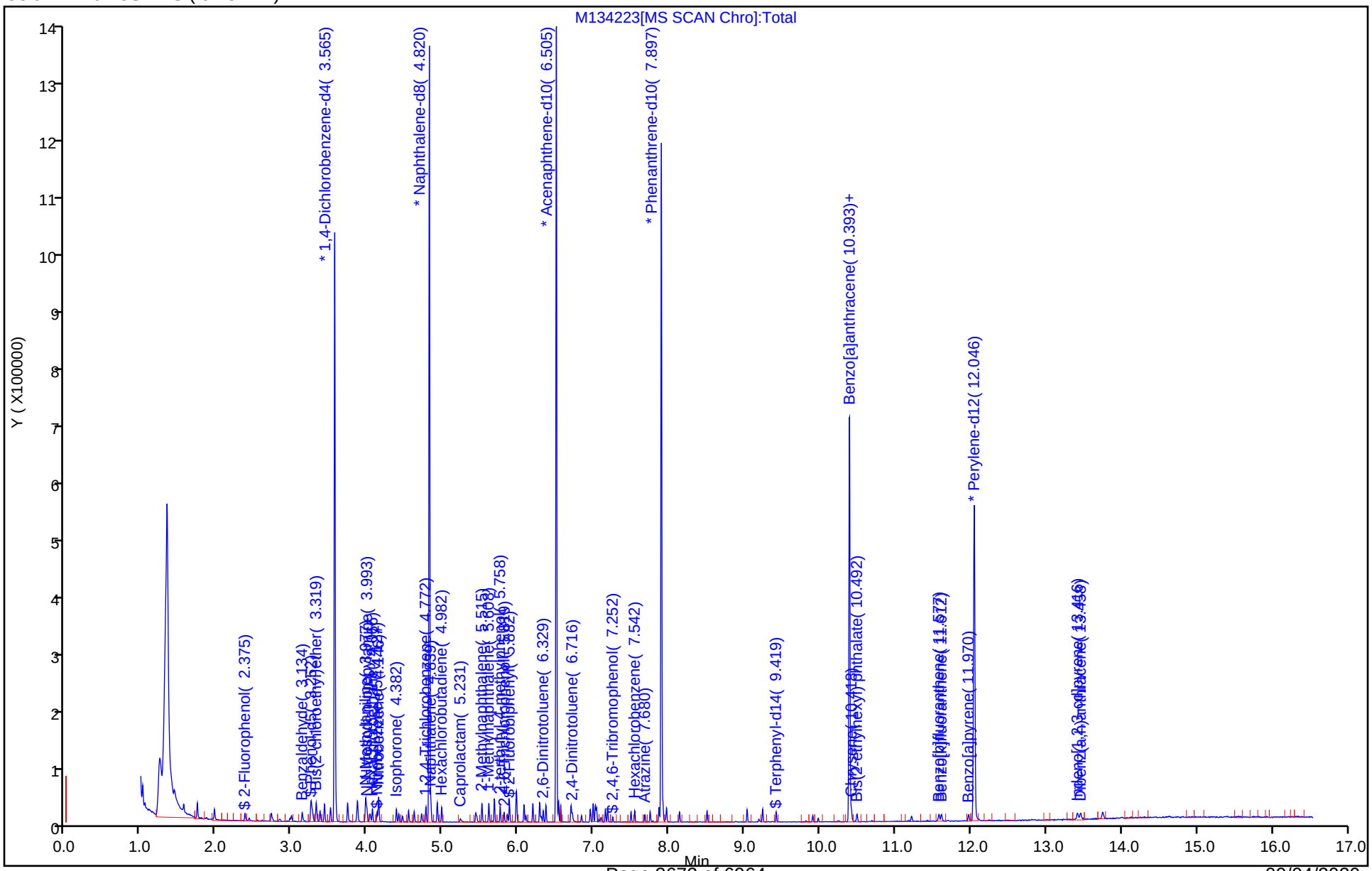
Report Date: 15-Jul-2020 07:32:14 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134223.D

Injection Date:	14-Jul-2020 17:40:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

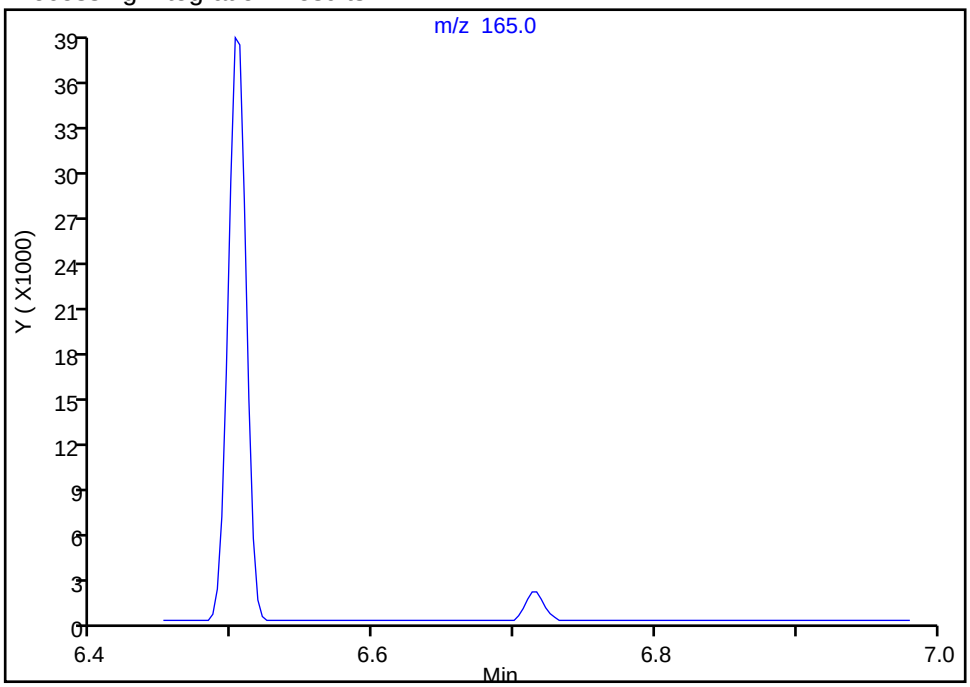
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134223.D				
Injection Date:	14-Jul-2020 17:40:30	Instrument ID:	CBNAMS17		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

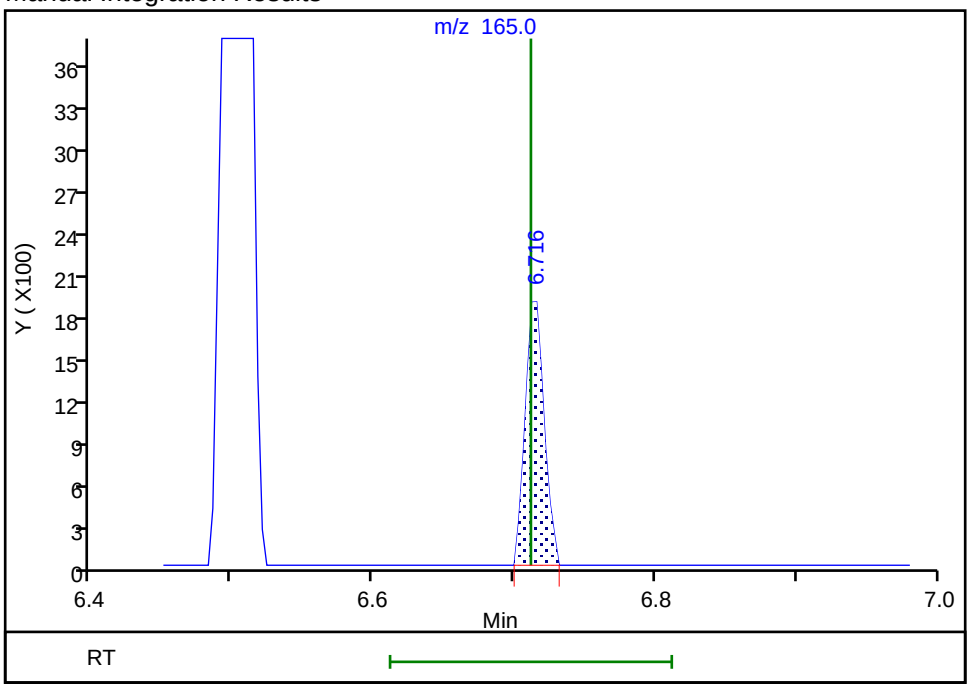
Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results

RT: 6.72
Area: 1743
Amount: 0.148715
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:21:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

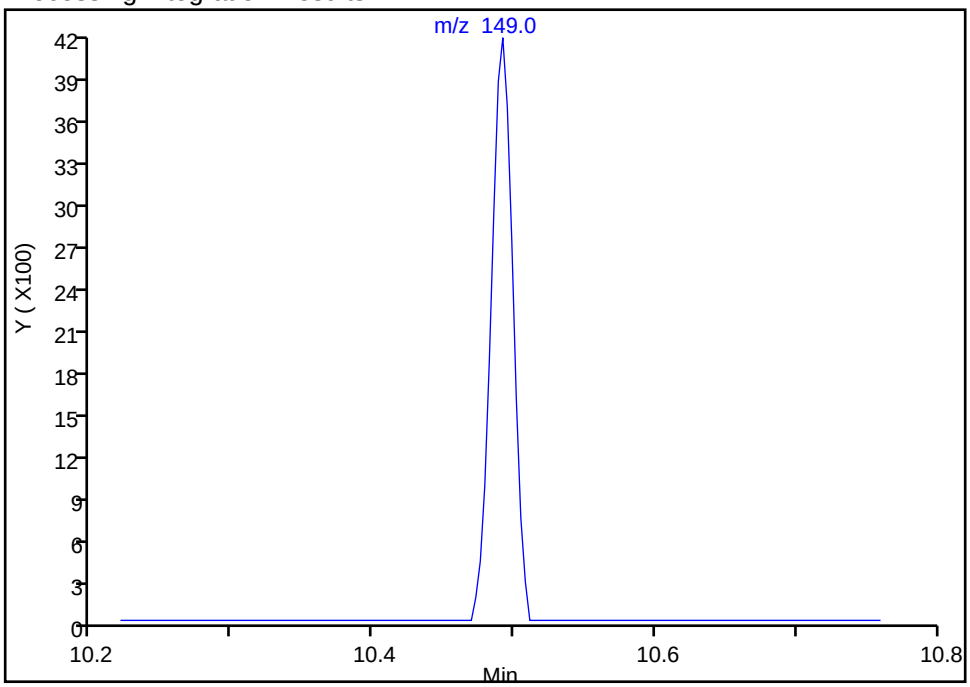
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134223.D
Injection Date: 14-Jul-2020 17:40:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

103 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

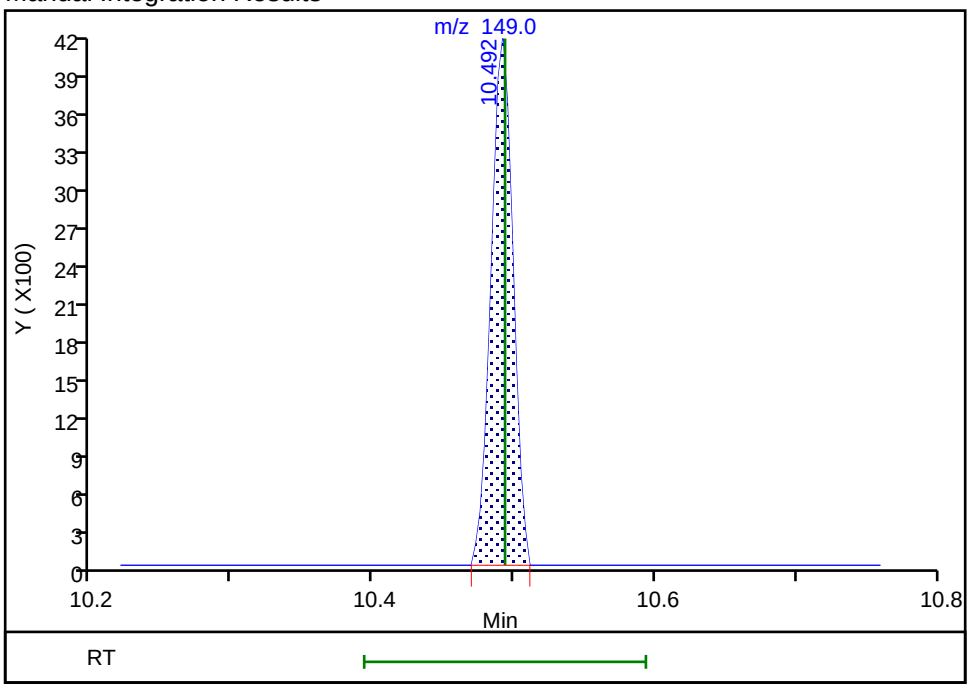
Not Detected
Expected RT: 10.49

Processing Integration Results



Manual Integration Results

RT: 10.49
Area: 4460
Amount: 0.165001
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:21:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-Jul-2020 18:01:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-010
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:32:16 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:22:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	3.319	3.313	0.006	92	2467	0.1000	0.1018	
* 14 1,4-Dichlorobenzene-d4	152	3.565	3.565	0.000	98	142544	8.00	8.00	
20 N-Methylaniline	106	3.977	3.971	0.006	95	3338	0.1000	0.0901	
22 N-Nitrosodi-n-propylamine	70	3.996	3.990	0.006	85	1488	0.1000	0.0833	a
25 Hexachloroethane	117	4.069	4.064	0.005	81	1049	0.1000	0.0882	
$ 27 Nitrobenzene-d5	82	4.130	4.121	0.009	88	2712	0.1000	0.0970	
28 Nitrobenzene	123	4.146	4.140	0.006	85	764	0.1000	0.0699	
29 n,n'-Dimethylaniline	120	4.149	4.147	0.002	87	3663	0.1000	0.1051	
37 1,2,4-Trichlorobenzene	180	4.775	4.773	0.002	89	2088	0.1000	0.0887	
* 38 Naphthalene-d8	136	4.819	4.821	-0.002	100	521301	8.00	8.00	
39 Naphthalene	128	4.842	4.840	0.002	97	6499	0.1000	0.0957	
41 Hexachlorobutadiene	225	4.985	4.983	0.002	85	1210	0.1000	0.0871	
$ 51 2-Fluorobiphenyl	172	5.882	5.881	0.001	96	5141	0.1000	0.1014	
* 64 Acenaphthene-d10	164	6.504	6.504	0.000	97	256363	8.00	8.00	
82 Hexachlorobenzene	284	7.542	7.545	-0.003	86	1124	0.1000	0.0850	
* 87 Phenanthrene-d10	188	7.896	7.897	-0.001	99	384001	8.00	8.00	
$ 96 Terphenyl-d14	244	9.418	9.420	-0.002	96	2775	0.1000	0.1078	
101 Benzo[a]anthracene	228	10.382	10.384	-0.002	95	3582	0.1000	0.1031	
* 102 Chrysene-d12	240	10.391	10.391	0.000	98	205430	8.00	8.00	
106 Benzo[b]fluoranthene	252	11.579	11.579	0.000	96	2816	0.1000	0.0874	
107 Benzo[k]fluoranthene	252	11.611	11.611	0.000	94	3068	0.1000	0.0872	
108 Benzo[a]pyrene	252	11.972	11.972	0.000	92	2055	0.1000	0.0714	a
* 109 Perylene-d12	264	12.045	12.045	0.000	96	233322	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.415	13.416	-0.001	89	2765	0.1000	0.0848	
111 Dibenz(a,h)anthracene	278	13.456	13.454	0.002	95	2716	0.1000	0.0835	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL1_LVI_00001 Amount Added: 1.00 Units: mL

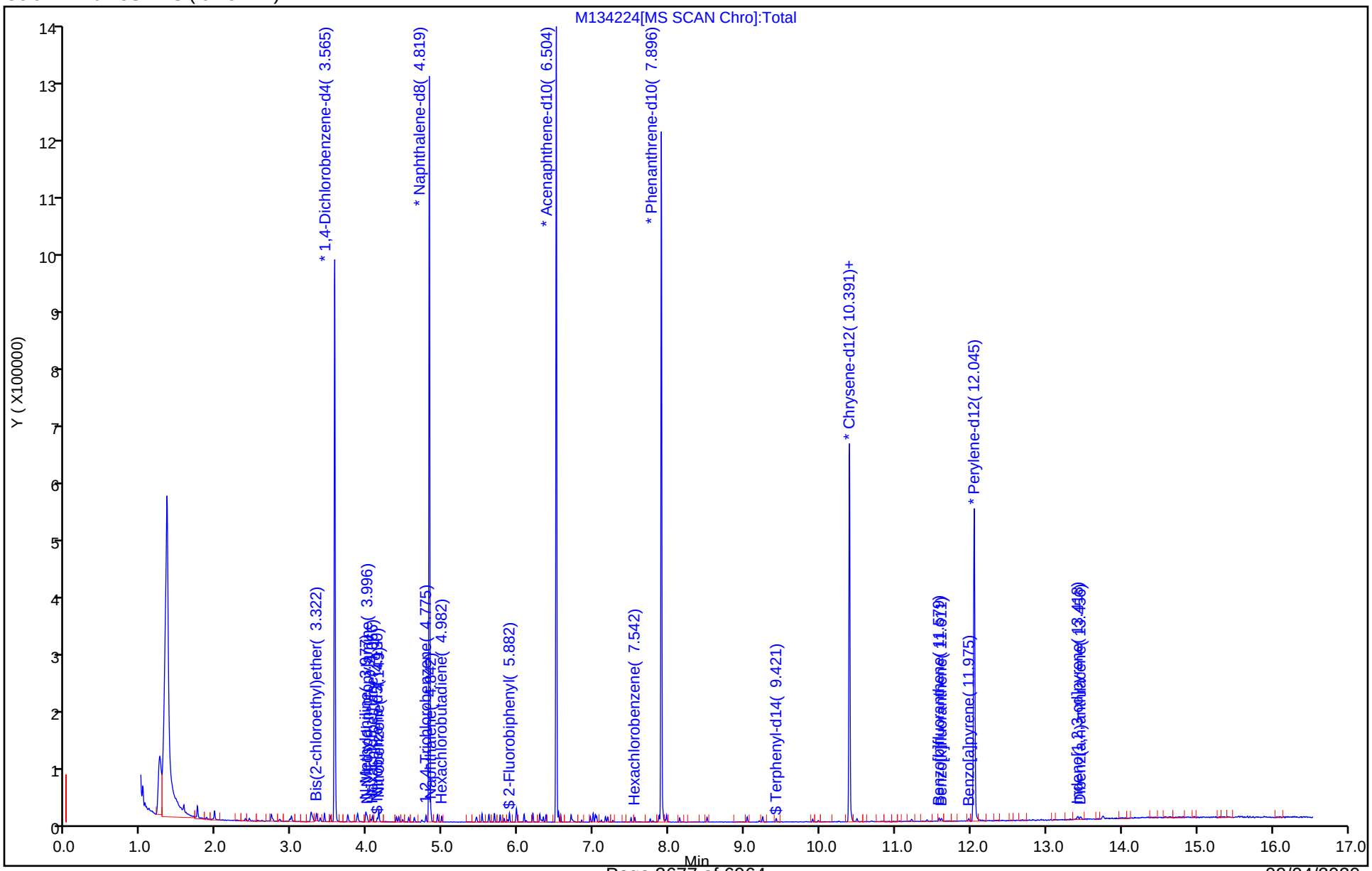
Report Date: 15-Jul-2020 07:32:17 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Injection Date:	14-Jul-2020 18:01:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

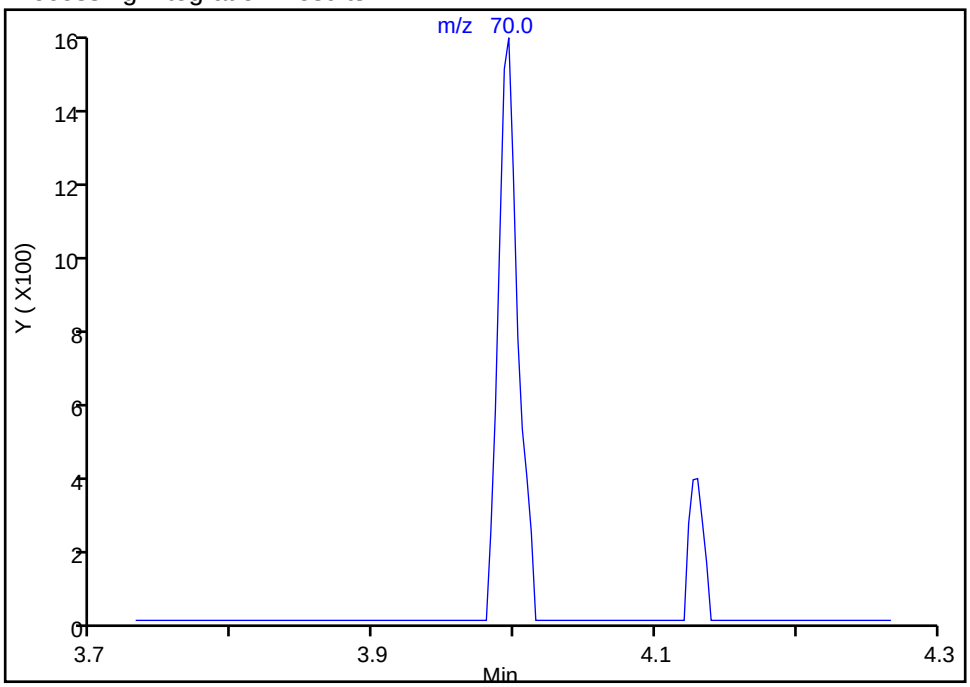
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D
Injection Date: 14-Jul-2020 18:01:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

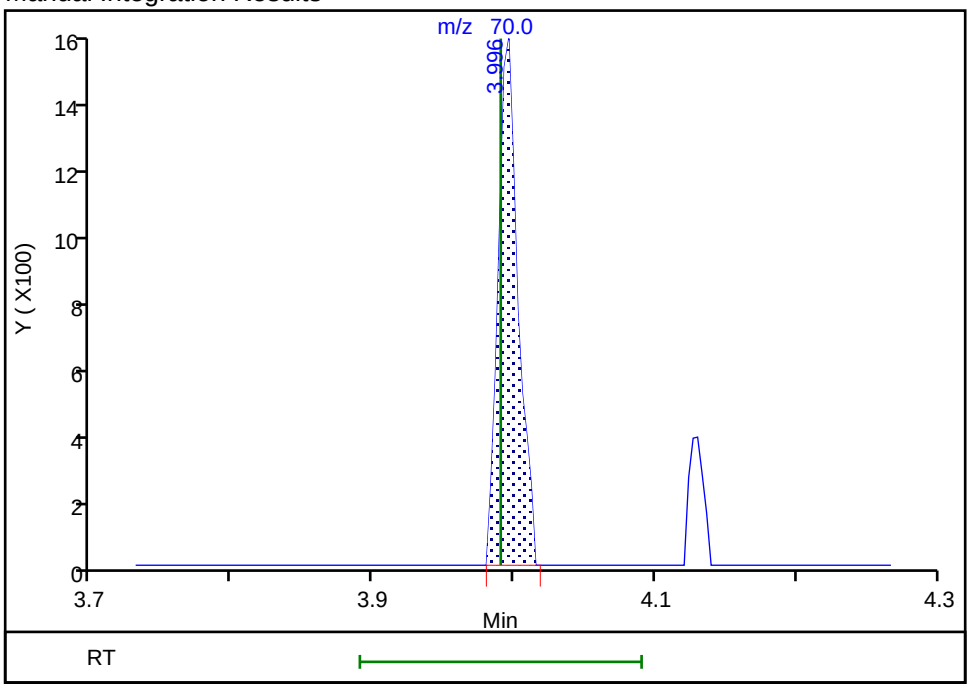
Not Detected
Expected RT: 3.99

Processing Integration Results



Manual Integration Results

RT: 4.00
Area: 1488
Amount: 0.083335
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:22:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

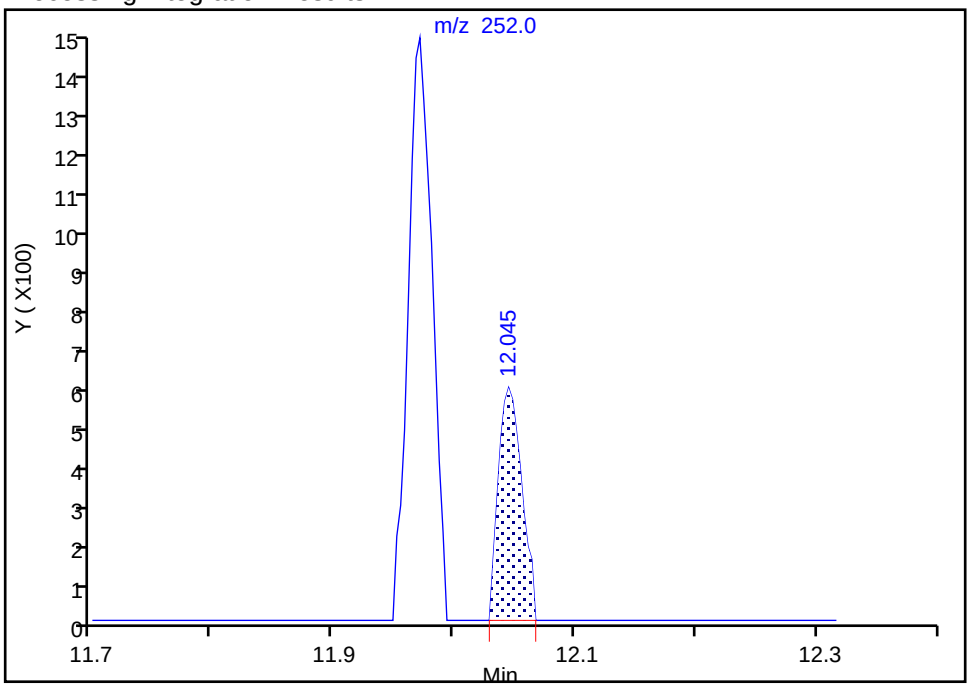
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D
Injection Date: 14-Jul-2020 18:01:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

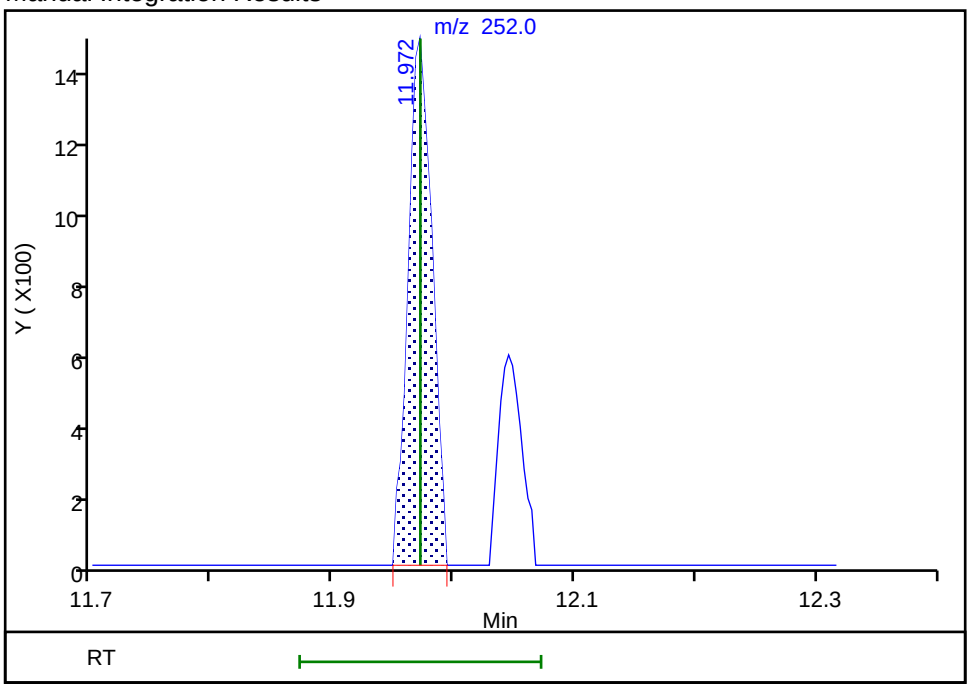
Processing Integration Results

RT: 12.05
Area: 800
Amount: 0.093223
Amount Units: ug/ml



Manual Integration Results

RT: 11.97
Area: 2055
Amount: 0.071381
Amount Units: ug/ml



Reviewer: johnstonm1, 15-Jul-2020 07:22:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-719436/10	X28531.d
Level 2	STD1 460-719436/9	X28530.d
Level 3	STD2 460-719436/8	X28529.d
Level 4	STD5 460-719436/7	X28528.d
Level 5	STD10 460-719436/6	X28527.d
Level 6	STD20 460-719436/5	X28526.d
Level 7	ICIS 460-719436/2	X28523.d
Level 8	STD80 460-719436/4	X28525.d
Level 9	STD120 460-719436/3	X28524.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.3336 0.3800	0.3025 0.4052	0.4005 0.3995	0.3750 0.3870	0.3694	Ave		0.3725				9.1		20.0			
N-Nitrosodimethylamine	0.5956	0.6235	0.6039	0.6211 0.5875	0.5937	Ave		0.6042				2.5		20.0			
Pyridine	1.0634	1.1143	1.0741	1.0484 1.0621	1.1197	Ave		1.0803				2.7		20.0			
Benzaldehyde	0.7990	0.9634 +++++	0.9352 +++++	0.9513 +++++	0.8707	Ave		0.9039			0.0100	7.6		20.0			
Phenol	1.4874	1.5769	1.6260	1.5010 1.5942	1.5155	Ave		1.5502			0.8000	3.6		20.0			
Aniline	1.7872	1.9096	1.8588	1.9139 1.7823	1.8533	Ave		1.8509				3.1		20.0			
Bis(2-chloroethyl)ether	1.0168 1.1348	1.1025 1.1744	1.0658 1.0903	1.1752 1.0637	1.1542	Ave		1.1086			0.7000	5.0		20.0			
2-Chlorophenol	1.4630	1.5502	1.4674	1.5220 1.4450	1.4874	Ave		1.4892			0.8000	2.7		20.0			
n-Decane	2.2749	2.2829	2.2995	2.3892 2.1980	2.3691	Ave		2.3023				3.0		20.0			
1,3-Dichlorobenzene	1.6003	1.6161	1.5574	1.5992 1.4958	1.6031	Ave		1.5786				2.9		20.0			
1,4-Dichlorobenzene	1.5854	1.6205	1.5949	1.6730 1.5297	1.6593	Ave		1.6105				3.3		20.0			
Benzyl alcohol	0.8320	0.8941	0.8521	0.8734 0.8365	0.8277	Ave		0.8526				3.1		20.0			
1,2-Dichlorobenzene	1.5355	1.5502	1.5137	1.5368 1.4658	1.5215	Ave		1.5206				2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.1236	1.2285	1.1626	1.2061 1.1525	1.1614	Ave		1.1725			0.7000	3.3		20.0			
2,2'-oxybis[1-chloropropane]	2.9580	3.1753	2.9947	3.2516 2.9582	3.0605	Ave		3.0664			0.0100	4.0		20.0			
N-Methylaniline	1.9739	2.1224	2.0542	1.9585 2.0312	1.9650	Ave		2.0175				3.2		20.0			
3 & 4 Methylphenol	1.3291	1.4319	1.3733	1.3724 1.3418	1.3605	Ave		1.3682				2.6		20.0			
4-Methylphenol	1.3291	1.4319	1.3733	1.3724 1.3418	1.3605	Ave		1.3682			0.6000	2.6		20.0			
N-Nitrosodi-n-propylamine	0.6069 0.8079	0.6775 0.8757	0.7643 0.8345	0.8673 0.7928	0.8574	Ave		0.7871			0.5000	11.6		20.0			
Acetophenone	1.8389	1.9310	1.8473	1.9888 1.7537	1.9032	Ave		1.8771			0.0100	4.4		20.0			
Hexachloroethane	0.4194 0.5791	0.5187 0.5882	0.6030 0.5903	0.6182 0.5660	0.6195	Ave		0.5669			0.3000	11.1		20.0			
Nitrobenzene	0.5084 0.6701	0.6427 0.7319	0.6170 0.6835	0.7002 0.6581	0.6891	Ave		0.6557			0.2000	9.8		20.0			
n,n'-Dimethylaniline	2.1130 2.0110	2.1369 2.1731	2.1403 2.1084	2.1201 2.0738	1.9683	Ave		2.0939				3.1		20.0			
Isophorone	0.5227	0.5272	0.5195 0.5125	0.5337 0.5029	0.5342	Ave		0.5218			0.4000	2.2		20.0			
2-Nitrophenol	0.1930	0.1955	0.1907	0.1945 0.1890	0.1917	Ave		0.1924			0.1000	1.3		20.0			
2,4-Dimethylphenol	0.3033	0.3051	0.3009	0.3224 0.2944	0.3146	Ave		0.3068			0.2000	3.3		20.0			
Bis(2-chloroethoxy)methane	0.3355	0.3469	0.3336	0.3425 0.3273	0.3481	Ave		0.3390			0.3000	2.4		20.0			
Benzoic acid	0.2141	0.2180	0.2280	0.1355 0.2306	0.1821	Lin2	-0.490	0.2333			0.0100	1.7			1.0000		0.9900
2,4-Dichlorophenol	0.2865	0.2944	0.2545 0.2893	0.2930 0.2838	0.2884	Ave		0.2843			0.2000	4.8		20.0			
1,2,4-Trichlorobenzene	0.2937 0.3234	0.3046 0.3162	0.3009 0.3143	0.3064 0.2989	0.3341	Ave		0.3103				4.2		20.0			
Naphthalene	1.0257	1.0244	0.9969	1.0595 0.9628	1.0618	Ave		1.0218			0.7000	3.7		20.0			
4-Chloroaniline	0.4374	0.4487	0.4351	0.4475 0.4310	0.4472	Ave		0.4412			0.0100	1.7		20.0			
Hexachlorobutadiene	0.1853	0.1879 0.1808	0.1934 0.1755	0.1864 0.1705	0.1868	Ave		0.1833			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.0830	0.0676 0.0889	0.0651 0.0861	0.0881 +++++	0.0824	Ave		0.0802			0.0100	12.2		20.0			
4-Chloro-3-methylphenol	0.2701	0.2827	0.2704	0.2816 0.2664	0.2727	Ave		0.2740			0.2000	2.4		20.0			
2-Methylnaphthalene	0.6993	0.7000	0.6834	0.7090 0.6594	0.7267	Ave		0.6963			0.4000	3.3		20.0			
1-Methylnaphthalene	0.6613	0.6528	0.6271	0.6758 0.6169	0.6751	Ave		0.6515				3.8		20.0			
Hexachlorocyclopentadiene	0.4572	0.4601	0.4610	0.4376 0.4495	0.4575	Ave		0.4538			0.0500	2.0		20.0			
1,2,4,5-Tetrachlorobenzene	0.6328	0.6171	0.6083	0.6349 0.5854	0.6481	Ave		0.6211			0.0100	3.6		20.0			
2-tertbutyl-4-methylphenol	0.4204	0.4429	0.4303	0.4316 0.4265	0.4211	Ave		0.4288				1.9		20.0			
2,4,6-Trichlorophenol	0.3999	0.4403	0.3717 0.4297	0.4192 0.4124	0.4301	Ave		0.4147			0.2000	5.6		20.0			
2,4,5-Trichlorophenol	0.4929	0.4676	0.4643	0.4952 0.4649	0.4913	Ave		0.4794			0.2000	3.2		20.0			
1,1'-Biphenyl	1.6767	1.6456	1.6161	1.6742 1.5692	1.7331	Ave		1.6525			0.0100	3.4		20.0			
2-Chloronaphthalene	1.2838	1.2548	1.2319	1.2797 1.1788	1.3500	Ave		1.2632			0.8000	4.5		20.0			
Phenyl ether	0.8482	0.8416	0.8283	0.8462 0.8157	0.8285	Ave		0.8347				1.5		20.0			
2-Nitroaniline	0.4391	0.4361	0.4316	0.4506 0.4195	0.4580	Ave		0.4392			0.0100	3.1		20.0			
1,3-Dimethylnaphthalene	1.0046	0.9861	0.9774	0.9569 0.9696	0.9974	Ave		0.9820				1.8		20.0			
Dimethyl phthalate	1.5353	1.4745	1.4168	1.5407 1.3932	1.5889	Ave		1.4916			0.0100	5.1		20.0			
Coumarin	0.2419	0.2433	0.2422	0.2552 0.2451	0.2496	Ave		0.2462				2.1		20.0			
2,6-Dinitrotoluene	0.3348	0.2895 0.3328	0.3239 0.3123	0.3444 0.3154	0.3316	Ave		0.3231			0.2000	5.3		20.0			
Acenaphthylene	1.9629	1.9298	1.9066	1.9538 1.8382	1.9949	Ave		1.9310			0.9000	2.8		20.0			
3-Nitroaniline	0.3962	0.3883	0.3827	0.3893 0.3710	0.3840	Ave		0.3852			0.0100	2.2		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1197	1.1046	1.1093	1.1173 1.0713	1.1111	Ave		1.1055				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	1.4395	1.4482	1.4114	1.4136 1.2492	1.4819	Ave		1.4073			0.9000	5.8		20.0			
2,4-Dinitrophenol	0.2250	0.2347	0.1215 0.2279	0.1862 0.2270	0.2125	Lin2	-0.449	0.2336			0.0100	1.7			1.0000		0.9900
4-Nitrophenol	0.2858	0.2809	0.2746	0.2878 0.2680	0.2960	Ave		0.2822			0.0100	3.5		20.0			
2,4-Dinitrotoluene	0.4489	0.4218 0.4510	0.4388 0.4389	0.4467 0.4359	0.4719	Ave		0.4442			0.2000	3.3		20.0			
Dibenzofuran	1.7688	1.7587	1.7058	1.7836 1.6440	1.8367	Ave		1.7496			0.8000	3.8		20.0			
2,3,4,6-Tetrachlorophenol	0.3838	0.3860	0.3841	0.3820 0.3753	0.3973	Ave		0.3847			0.0100	1.9		20.0			
Diethyl phthalate	1.5852	1.5056	1.4610	1.5608 1.4521	1.5844	Ave		1.5248			0.0100	4.0		20.0			
4-Chlorophenyl phenyl ether	0.6922	0.6708	0.6375	0.6937 0.6073	0.6925	Ave		0.6657			0.4000	5.4		20.0			
Fluorene	1.4504	1.4406	1.3790	1.4284 1.3468	1.4840	Ave		1.4215			0.9000	3.5		20.0			
4-Nitroaniline	0.4188	0.4095	0.3981	0.4103 0.3946	0.4301	Ave		0.4102			0.0100	3.2		20.0			
4,6-Dinitro-2-methylphenol	0.1520	0.1530	0.1095 0.1512	0.1362 0.1452	0.1452	Ave		0.1418			0.0100	10.8		20.0			
N-Nitrosodiphenylamine	0.5787	0.5816	0.5670	0.5927 0.5460	0.6206	Ave		0.5811			0.0100	4.3		20.0			
1,2-Diphenylhydrazine	0.6164	0.6402	0.6217	0.6372 0.6062	0.6418	Ave		0.6273				2.3		20.0			
4-Bromophenyl phenyl ether	0.2384	0.2310	0.2333	0.2392 0.2214	0.2428	Ave		0.2343			0.1000	3.3		20.0			
Hexachlorobenzene	0.2323 0.2793	0.2759 0.2823	0.2858 0.2795	0.2949 0.2674	0.2931	Ave		0.2767			0.1000	6.7		20.0			
Atrazine	0.2367	0.2023 0.2404	0.2379 0.2432	0.2329 0.2164	0.2337	Ave		0.2304			0.0100	6.1		20.0			
Pentachlorophenol	0.1784	0.1847	0.1531 0.1813	0.1768 0.1691	0.1764	Ave		0.1743			0.0500	6.0		20.0			
Pentachloronitrobenzene	0.1233	0.1203	0.1230	0.1197 0.1181	0.1233	Ave		0.1213			0.0100	1.8		20.0			
n-Octadecane	0.6377	0.6644	0.6411	0.6517 0.6238	0.6450	Ave		0.6439				2.1		20.0			
Phenanthrene	1.2072	1.1959	1.1744	1.2377 1.1248	1.2565	Ave		1.1994			0.7000	3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Anthracene	1.2526	1.2556	1.2238	1.2651 1.1532	1.2723	Ave		1.2371			0.7000	3.6		20.0			
Carbazole	1.1122	1.1055	1.0697	1.1517 1.0442	1.1508	Ave		1.1057			0.0100	3.9		20.0			
Di-n-butyl phthalate	1.4373	1.4321	1.3748	1.4645 1.3373	1.4627	Ave		1.4181			0.0100	3.6		20.0			
Fluoranthene	1.3226	1.3113	1.2770	1.3325 1.2411	1.3635	Ave		1.3080			0.6000	3.3		20.0			
Benzidine	0.7044	0.7554	0.7334	0.7607 0.7274	0.7495	Ave		0.7385				2.8		20.0			
Pyrene	1.5349	1.4851	1.4625	1.5469 1.4272	1.5682	Ave		1.5041			0.6000	3.6		20.0			
Bisphenol-A	0.7364	0.7397	0.7370	0.7178 0.7263	0.7509	Ave		0.7347				1.6		20.0			
Butyl benzyl phthalate	0.6765	0.6843	0.6718	0.6640 0.6555	0.7026	Ave		0.6758			0.0100	2.4		20.0			
2,3,7,8-TCDD		0.2286				Ave		0.2286						20.0			
Carbamazepine	0.6313	0.6239	0.6402	0.5667 0.6520	0.5982	Ave		0.6187				5.0		20.0			
3,3'-Dichlorobenzidine	0.5609	0.5534	0.5198 0.5494	0.5349 0.5426	0.5694	Ave		0.5472			0.0100	3.0		20.0			
Benzo[a]anthracene	1.5475 1.4209	1.4420 1.3684	1.3589 1.3622	1.4605 1.3509	1.5031	Ave		1.4238			0.8000	4.9		20.0			
Chrysene	1.3634	1.3489	1.3152	1.4141 1.2382	1.4192	Ave		1.3498			0.7000	5.0		20.0			
Bis(2-ethylhexyl) phthalate	1.0032	0.9948	0.9824	0.9674 0.9492	1.0100	Ave		0.9845			0.0100	2.3		20.0			
Di-n-octyl phthalate	1.4392	1.4182	1.3952	1.3729 1.3507	1.4781	Ave		1.4091			0.0100	3.3		20.0			
Benzo[b]fluoranthene	1.2195 1.2884	1.1942 1.2039	1.1996 1.2563	1.1934 1.2180	1.2618	Ave		1.2261			0.7000	2.8		20.0			
Benzo[k]fluoranthene	1.1433 1.2979	1.1894 1.2434	1.1905 1.1560	1.3282 1.1347	1.3712	Ave		1.2283			0.7000	7.0		20.0			
Benzo[a]pyrene	1.0082 1.0945	1.0050 1.0718	1.0020 1.0481	1.0766 1.0212	1.1257	Ave		1.0503			0.7000	4.2		20.0			
Indeno[1,2,3-cd]pyrene	1.3975 1.2971	1.2187 1.2971	1.2282 1.2878	1.2614 1.2711	1.3819	Ave		1.2934			0.5000	4.7		20.0			
Dibenz(a,h)anthracene	1.1321 1.2753	1.1843 1.2690	1.2460 1.2262	1.2597 1.1476	1.3267	Ave		1.2297			0.4000	5.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzo[g,h,i]perylene	1.2837	1.2657	1.2321	1.2532 1.1840	1.3240	Ave		1.2571			0.5000	3.8		20.0			
2-Fluorophenol (Surr)	1.2506	1.1569 1.3372	1.2937 1.3361	1.3053 1.3115	1.2614	Ave		1.2816				4.6		20.0			
Phenol-d5 (Surr)	1.4368	1.3702 1.5818	1.5452 1.5568	1.4491 1.5442	1.4293	Ave		1.4892				5.2		20.0			
Nitrobenzene-d5 (Surr)	0.3044 0.3194	0.3050 0.3066	0.3163 0.3048	0.3236 0.3083	0.3244	Ave		0.3125				2.7		20.0			
2-Fluorobiphenyl	1.4231 1.4047	1.5928 1.4353	1.5104 1.4695	1.4460 1.4440	1.4700	Ave		1.4662				3.9		20.0			
2,4,6-Tribromophenol (Surr)	0.2754	0.2493 0.2822	0.2555 0.2840	0.2772 0.2859	0.2612	Ave		0.2713				5.2		20.0			
Terphenyl-d14 (Surr)	1.0105 1.0161	1.0302 1.0265	1.0751 1.0579	1.0616 1.0133	1.0350	Ave		1.0363				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-719436/10	X28531.d
Level 2	STD1 460-719436/9	X28530.d
Level 3	STD2 460-719436/8	X28529.d
Level 4	STD5 460-719436/7	X28528.d
Level 5	STD10 460-719436/6	X28527.d
Level 6	STD20 460-719436/5	X28526.d
Level 7	ICIS 460-719436/2	X28523.d
Level 8	STD80 460-719436/4	X28525.d
Level 9	STD120 460-719436/3	X28524.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	105 4960	200 14423	457 21928	1286 31858	2319	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd 4	Ave	 7774	 22192	 33146	2130 48365	3727	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd 4	Ave	 27759	 79316	 117907	7190 174872	14059	 40.0	 100	 160	10.0 240	20.0
Benzaldehyde	DCBd 4	Ave	 8342	637 +++++	1067 +++++	3262 +++++	5466	 16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd 4	Ave	 19413	 56125	 89246	5147 131238	9514	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd 4	Ave	 23325	 67965	 102024	6563 146721	11635	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd 4	Ave	320 14811	729 41797	1216 59841	4030 87563	7246	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd 4	Ave	 19094	 55172	 80539	5219 118954	9338	 20.0	 50.0	 80.0	5.00 120	10.0
n-Decane	DCBd 4	Ave	 29691	 81253	 126210	8193 180938	14873	 20.0	 50.0	 80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	 20886	 57519	 85477	5484 123134	10064	 20.0	 50.0	 80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	 20692	 57675	 87540	5737 125925	10417	 20.0	 50.0	 80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	 10859	 31822	 46769	2995 68860	5196	 20.0	 50.0	 80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	 20041	 55173	 83083	5270 120662	9552	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	 14665	 43725	 63811	4136 94876	7291	 20.0	 50.0	 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	38606	113012	164367	11150 243523	19214	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	25763	75538	112747	6716 167205	12336	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	17347	50962	75376	4706 110460	8541	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	17347	50962	75376	4706 110460	8541	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	191 10544	448 31166	872 45802	2974 65265	5383	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	24000	68726	101392	6820 144361	11948	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCBd 4	Ave	132 7558	343 20934	688 32400	2120 46596	3889	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	160 8746	425 26051	704 37517	2401 54176	4326	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	665 26246	1413 77344	2442 115721	7270 170713	12357	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	27290	80251	2474 117845	7624 170756	13245	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	10077	29760	43854	2779 64169	4752	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	15835	46437	69196	4605 99970	7800	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	17517	52802	76720	4893 111145	8632	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	11177	33189	52432	1935 78303	4514	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	14955	44818	1212 66537	4185 96371	7151	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	383 16886	838 48124	1433 72268	4377 101506	8284	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	53546	155925	229241	15134 326929	26327	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	22837	68299	100060	6392 146344	11088	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	9675	517 27519	921 40347	2662 57902	4632	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	3465	186 5415	310 5938	1258 +++++	2044	16.0	1.00 20.0	2.00 24.0	5.00 +++++	10.0
4-Chloro-3-methylphenol	NPT	Ave	14099	43025	62179	4023 90471	6762	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	36510	106551	157163	10127 223918	18017	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	34523	99367	144219	9653 209468	16739	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	11552	35157	52399	3118 75844	5524	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	15987	47151	69139	4524 98769	7824	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	21945	67407	98949	6165 144831	10440	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	10104	33642	864 48837	2987 69575	5193	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	12452	35725	52774	3529 78433	5932	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	42362	125740	183693	11930 264759	20924	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	32434	95876	140026	9119 198889	16299	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	21429	64301	94149	6030 137630	10003	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	11094	33322	49061	3211 70785	5529	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	25382	75344	111098	6819 163591	12042	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	38790	112663	161037	10979 235059	19183	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	12630	37034	55706	3645 83223	6188	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	8459	396 25431	753 35493	2454 53211	4004	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	49593	147450	216720	13923 310133	24084	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	10009	29670	43504	2774 62588	4636	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	28289	84401	126086	7962 180745	13414	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	36369	110655	160425	10073 210759	17891	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	11367	35865	565 51800	2654 76592	5131	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	14443	42928	62427	4102 90424	7148	40.0	100	160	10.0 240	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4-Dinitrotoluene	ANT	Ave	11342	577 34461	1020 49885	3183 73553	5697	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	44689	134377	193891	12710 277378	22174	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	9696	29491	43660	2722 63314	4797	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	40049	115036	166061	11122 245001	19129	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	17489	51256	72460	4943 102461	8360	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	36645	110075	156749	10179 227224	17916	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	10582	31286	45246	2924 66572	5192	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Ave	13989	41410	928 60515	3556 88577	6384	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	26627	78687	113478	7739 166562	13648	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	28360	86616	124423	8321 184922	14114	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	10967	31252	46690	3123 67528	5339	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	265 12851	694 38191	1211 55940	3851 81563	6445	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	8713	509 13011	1008 14600	3041 17602	5140	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	16415	49988	1297 72587	4618 103150	7757	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	5675	16271	24627	1563 36033	2712	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	29340	89891	128304	8510 190273	14183	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	55546	161789	235049	16162 343093	27630	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	57633	169863	244937	16520 351781	27978	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	51174	149559	214101	15038 318528	25306	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	66135	193751	275163	19123 407915	32166	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	60855	177398	255580	17399 378575	29984	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzidine	PHN	Ave	32411	102192	146784	9933 221891	16481	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	62893	181258	260437	18221 387261	30593	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	30173	90282	131253	8455 197086	14649	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	27720	83522	119638	7821 177874	13706	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		279					0.500			
Carbamazepine	CRY	Ave	25865	76154	114002	6675 176908	11669	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	22981	67541	2024 97842	6301 147221	11107	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	1614 58218	3232 167020	5291 242583	17204 366550	29322	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	55863	164646	234215	16657 335972	27685	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	41105	121420	174941	11395 257568	19703	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	69838	212379	304483	19354 459510	34074	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	1535 62518	3263 180283	5536 274173	16824 414355	29086	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	1439 62982	3250 186200	5494 252277	18723 386012	31610	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	1269 53110	2746 160501	4624 228738	15177 347430	25949	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	1759 62944	3330 194243	5668 281045	17782 432422	31855	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	1425 61885	3236 190037	5750 267598	17758 390415	30584	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	62290	189535	268901	17667 402800	30520	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	16322	765 47592	1476 73334	4476 107960	7919	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	18752	906 56297	1763 85448	4969 127115	8973	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	397 16672	839 46672	1506 70092	4623 104691	8042	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	891 35489	2179 109664	3511 167034	10304 243637	17747	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1 Analy Batch No.: 719436

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/25/2020 12:12 Calibration End Date: 08/25/2020 15:22 Calibration ID: 81678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4,6-Tribromophenol (Surr)	ANT	Ave	6958	341 21562	594 32281	1975 48237	3153	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	1054 41634	2309 125292	4186 188399	12505 274942	20191	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28523.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 25-Aug-2020 12:12:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:37:34 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 12:38:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.934	1.934	0.000	84	14423	50.0	54.4	
2 N-Nitrosodimethylamine	74	2.163	2.163	0.000	55	22192	50.0	51.6	
3 Pyridine	79	2.199	2.199	0.000	63	79316	100.0	103.1	
$ 4 2-Fluorophenol	112	3.334	3.334	0.000	93	47592	50.0	52.2	
5 Benzaldehyde	77	4.163	4.163	0.000	80	8730	20.0	13.6	
$ 6 Phenol-d5	99	4.216	4.216	0.000	90	56297	50.0	53.1	
7 Phenol	94	4.228	4.228	0.000	92	56125	50.0	50.9	
8 Aniline	93	4.263	4.263	0.000	11	67965	50.0	51.6	
9 Bis(2-chloroethyl)ether	93	4.322	4.322	0.000	86	41797	50.0	53.0	
10 Benzonitrile	103	4.340	4.340	0.000	93	89850	NC	NC	
11 2-Chlorophenol	128	4.381	4.381	0.000	91	55172	50.0	52.0	
12 n-Decane	43	4.428	4.428	0.000	90	81253	50.0	49.6	
13 1,3-Dichlorobenzene	146	4.528	4.528	0.000	95	57519	50.0	51.2	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	95	28473	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.593	4.593	0.000	91	57675	50.0	50.3	
16 Benzyl alcohol	108	4.698	4.698	0.000	89	31822	50.0	52.4	
17 1,2-Dichlorobenzene	146	4.740	4.740	0.000	91	55173	50.0	51.0	
18 2-Methylphenol	108	4.804	4.804	0.000	85	43725	50.0	52.4	
19 2,2'-oxybis[1-chloropropane]	45	4.834	4.834	0.000	87	113012	50.0	51.8	
20 N-Methylaniline	106	4.945	4.945	0.000	71	75538	50.0	52.6	
24 4-Methylphenol	108	4.951	4.951	0.000	73	50962	50.0	52.3	
23 3 & 4 Methylphenol	108	4.951	4.951	0.000	70	50962	50.0	52.3	
21 Acetophenone	105	4.957	4.957	0.000	73	68726	50.0	51.4	
22 N-Nitrosodi-n-propylamine	70	4.957	4.957	0.000	86	31166	50.0	55.6	
25 Hexachloroethane	117	5.063	5.063	0.000	91	20934	50.0	51.9	
$ 26 Nitrobenzene-d5	82	5.098	5.098	0.000	88	46672	50.0	49.1	
27 n,n'-Dimethylaniline	120	5.122	5.122	0.000	84	77344	50.0	51.9	
28 Nitrobenzene	123	5.122	5.122	0.000	75	26051	50.0	55.8	
31 Isophorone	82	5.345	5.345	0.000	91	80251	50.0	50.5	
32 2-Nitrophenol	139	5.422	5.422	0.000	88	29760	50.0	50.8	
33 2,4-Dimethylphenol	122	5.457	5.457	0.000	78	46437	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.545	5.545	0.000	94	52802	50.0	51.2	
35 Benzoic acid	122	5.563	5.563	0.000	83	33189	50.0	48.8	
36 2,4-Dichlorophenol	162	5.645	5.645	0.000	94	44818	50.0	51.8	
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	92	48124	50.0	50.9	
* 38 Naphthalene-d8	136	5.787	5.787	0.000	97	121769	40.0	40.0	
39 Naphthalene	128	5.804	5.804	0.000	98	155925	50.0	50.1	
40 4-Chloroaniline	127	5.851	5.851	0.000	84	68299	50.0	50.9	
130 2,6-Dichlorophenol	162	5.863	5.863	0.000	90	44706	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	92	27519	50.0	49.3	
42 Caprolactam	113	6.175	6.175	0.000	80	5415	20.0	22.2	M
43 4-Chloro-3-methylphenol	107	6.304	6.304	0.000	89	43025	50.0	51.6	
44 2-Methylnaphthalene	142	6.457	6.457	0.000	79	106551	50.0	50.3	
45 1-Methylnaphthalene	142	6.551	6.551	0.000	82	99367	50.0	50.1	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	80	35157	50.0	50.7	
47 1,2,4,5-Tetrachlorobenzene	216	6.622	6.622	0.000	92	47151	50.0	49.7	
48 2-tertbutyl-4-methylphenol	149	6.645	6.645	0.000	83	67407	50.0	51.6	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	88	33642	50.0	53.1	
50 2,4,5-Trichlorophenol	196	6.757	6.757	0.000	88	35725	50.0	48.8	
$ 51 2-Fluorobiphenyl	172	6.804	6.804	0.000	96	109664	50.0	48.9	
52 1,1'-Biphenyl	154	6.898	6.898	0.000	95	125740	50.0	49.8	
53 2-Chloronaphthalene	162	6.916	6.916	0.000	96	95876	50.0	49.7	
54 Phenyl ether	170	6.998	6.998	0.000	86	64301	50.0	50.4	
56 2-Nitroaniline	65	7.010	7.010	0.000	92	33322	50.0	49.7	
57 1,3-Dimethylnaphthalene	156	7.122	7.122	0.000	89	75344	50.0	50.2	
58 Dimethyl phthalate	163	7.187	7.187	0.000	98	112663	50.0	49.4	
59 Coumarin	146	7.204	7.204	0.000	72	37034	50.0	49.4	
60 2,6-Dinitrotoluene	165	7.239	7.239	0.000	1	25431	50.0	51.5	
61 Acenaphthylene	152	7.310	7.310	0.000	97	147450	50.0	50.0	
64 3-Nitroaniline	138	7.392	7.392	0.000	91	29670	50.0	50.4	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	89	61126	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.463	7.463	0.000	93	84401	50.0	50.0	
67 Acenaphthene	154	7.475	7.475	0.000	93	110655	50.0	51.5	
68 2,4-Dinitrophenol	184	7.492	7.492	0.000	73	35865	100.0	102.4	a
69 4-Nitrophenol	65	7.551	7.551	0.000	84	42928	100.0	99.5	
70 2,4-Dinitrotoluene	165	7.616	7.616	0.000	92	34461	50.0	50.8	
71 Dibenzofuran	168	7.634	7.634	0.000	91	134377	50.0	50.3	
72 2,3,4,6-Tetrachlorophenol	232	7.751	7.751	0.000	93	29491	50.0	50.2	
73 Diethyl phthalate	149	7.851	7.851	0.000	97	115036	50.0	49.4	
74 4-Chlorophenyl phenyl ether	204	7.951	7.951	0.000	73	51256	50.0	50.4	
75 Fluorene	166	7.957	7.957	0.000	81	110075	50.0	50.7	
76 4-Nitroaniline	138	7.975	7.975	0.000	87	31286	50.0	49.9	
77 4,6-Dinitro-2-methylphenol	198	8.004	8.004	0.000	68	41410	100.0	108.0	
78 N-Nitrosodiphenylamine	169	8.063	8.063	0.000	96	78687	50.0	50.0	
79 1,2-Diphenylhydrazine	77	8.104	8.104	0.000	89	86616	50.0	51.0	
$ 80 2,4,6-Tribromophenol	330	8.181	8.181	0.000	93	21562	50.0	52.0	
81 4-Bromophenyl phenyl ether	248	8.416	8.416	0.000	89	31252	50.0	49.3	
83 Hexachlorobenzene	284	8.481	8.481	0.000	95	38191	50.0	51.0	
84 Atrazine	200	8.563	8.563	0.000	86	13011	20.0	20.9	
85 Pentachlorophenol	266	8.663	8.663	0.000	85	49988	100.0	106.0	
86 Pentachloronitrobenzene	237	8.681	8.681	0.000	86	16271	50.0	49.6	
87 n-Octadecane	57	8.739	8.739	0.000	92	89891	50.0	51.6	
* 88 Phenanthrene-d10	188	8.839	8.839	0.000	98	108230	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.863	8.863	0.000	97	161789	50.0	49.9	
90 Anthracene	178	8.910	8.910	0.000	98	169863	50.0	50.7	
91 Carbazole	167	9.057	9.057	0.000	83	149559	50.0	50.0	
92 Di-n-butyl phthalate	149	9.386	9.386	0.000	99	193751	50.0	50.5	
93 Fluoranthene	202	9.986	9.986	0.000	98	177398	50.0	50.1	
94 Benzidine	184	10.104	10.104	0.000	98	102192	50.0	51.1	
95 Pyrene	202	10.198	10.198	0.000	97	181258	50.0	49.4	
82 Bisphenol-A	213	10.239	10.239	0.000	86	90282	50.0	50.3	
$ 96 Terphenyl-d14	244	10.351	10.351	0.000	99	125292	50.0	49.5	
97 Butyl benzyl phthalate	149	10.857	10.857	0.000	94	83522	50.0	50.6	
98 2,3,7,8-TCDD	320	10.957	10.957	0.000	1	279	0.5000	0.5000	
99 Carbamazepine	193	10.975	10.975	0.000	91	76154	50.0	50.4	
100 3,3'-Dichlorobenzidine	252	11.451	11.451	0.000	99	67541	50.0	50.6	
101 Benzo[a]anthracene	228	11.480	11.480	0.000	98	167020	50.0	48.1	
* 102 Chrysene-d12	240	11.492	11.492	0.000	94	97644	40.0	40.0	
103 Chrysene	228	11.522	11.522	0.000	94	164646	50.0	50.0	
104 Bis(2-ethylhexyl) phthalate	149	11.527	11.527	0.000	85	121420	50.0	50.5	
105 Di-n-octyl phthalate	149	12.374	12.374	0.000	93	212379	50.0	50.3	
106 Benzo[b]fluoranthene	252	12.886	12.886	0.000	97	180283	50.0	49.1	
107 Benzo[k]fluoranthene	252	12.927	12.927	0.000	99	186200	50.0	50.6	
108 Benzo[a]pyrene	252	13.345	13.345	0.000	96	160501	50.0	51.0	
* 109 Perylene-d12	264	13.427	13.427	0.000	98	119798	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.051	15.051	0.000	95	194243	50.0	50.1	
111 Dibenz(a,h)anthracene	278	15.092	15.092	0.000	96	190037	50.0	51.6	
112 Benzo[g,h,i]perylene	276	15.515	15.515	0.000	89	189535	50.0	50.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 26-Aug-2020 06:37:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28523.d

Injection Date: 25-Aug-2020 12:12:30 Instrument ID: CBNAMS5 Operator ID:

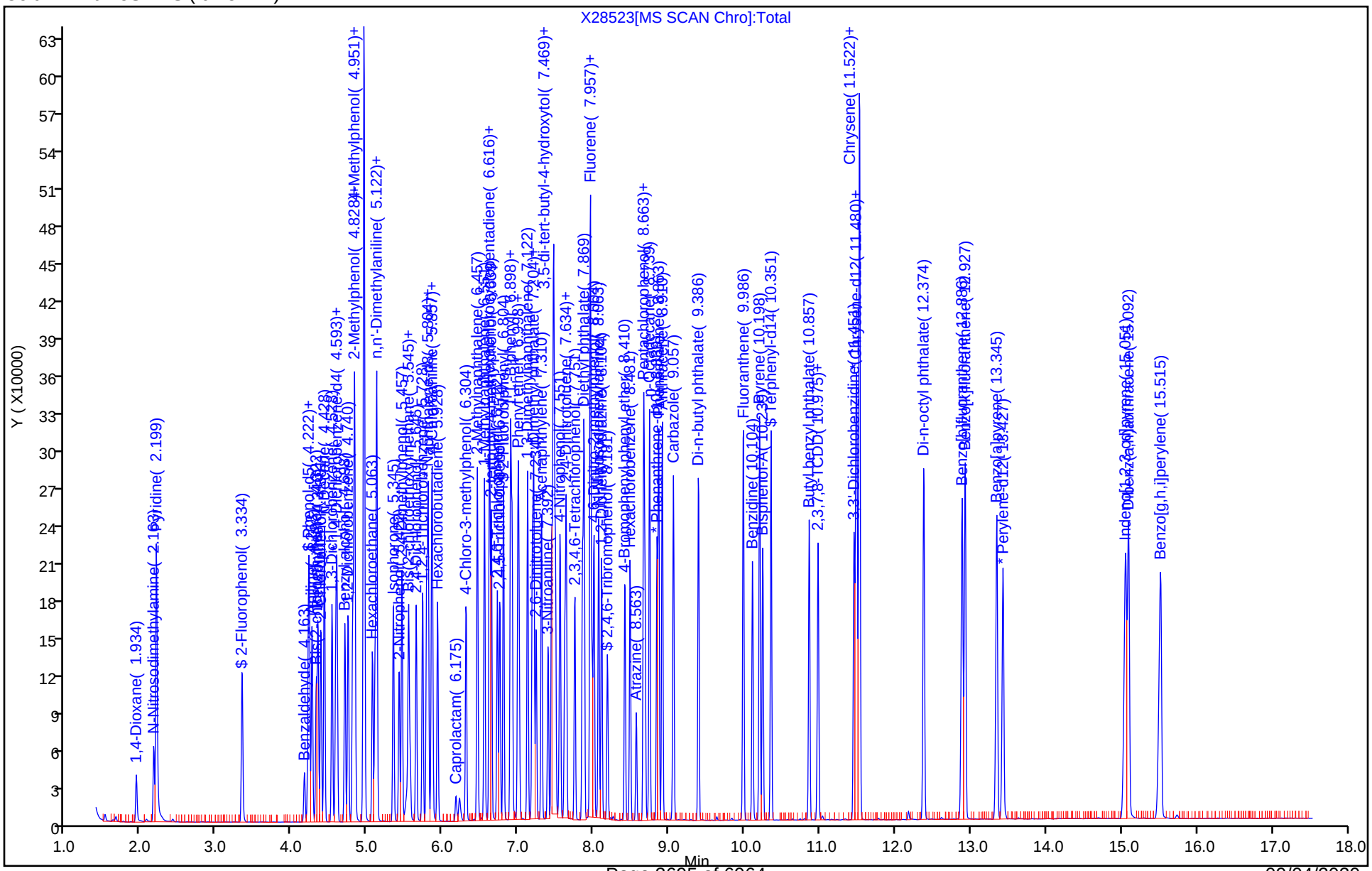
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

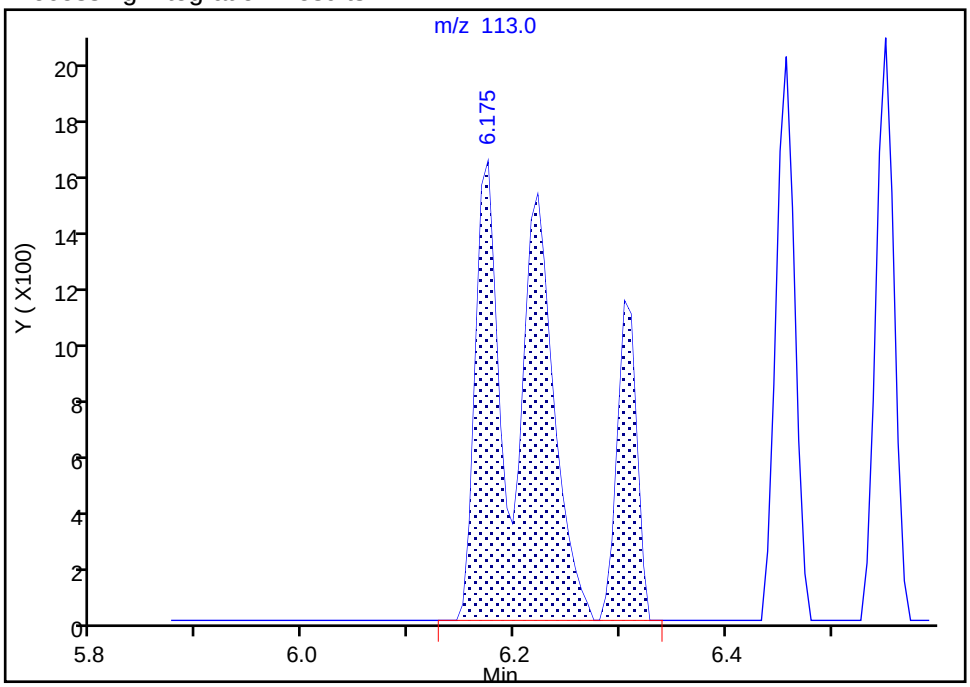
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28523.d
Injection Date: 25-Aug-2020 12:12:30 Instrument ID: CBNAMS5
Lims ID: icis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

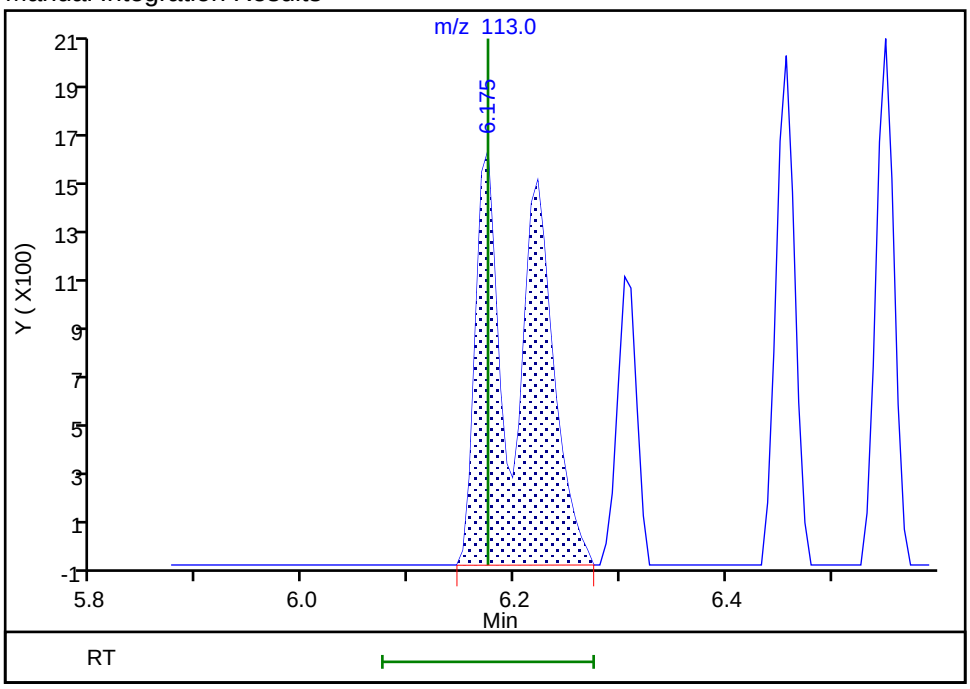
Processing Integration Results

RT: 6.17
Area: 6843
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.17
Area: 5415
Amount: 22.187447
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 12:37:34
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

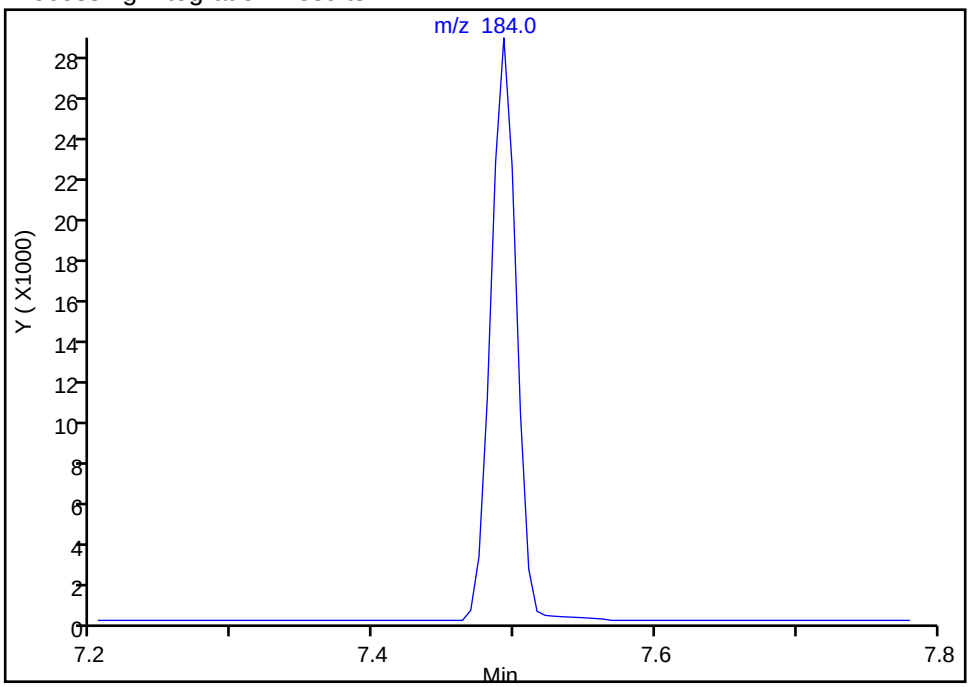
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28523.d
Injection Date: 25-Aug-2020 12:12:30 Instrument ID: CBNAMS5
Lims ID: icis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

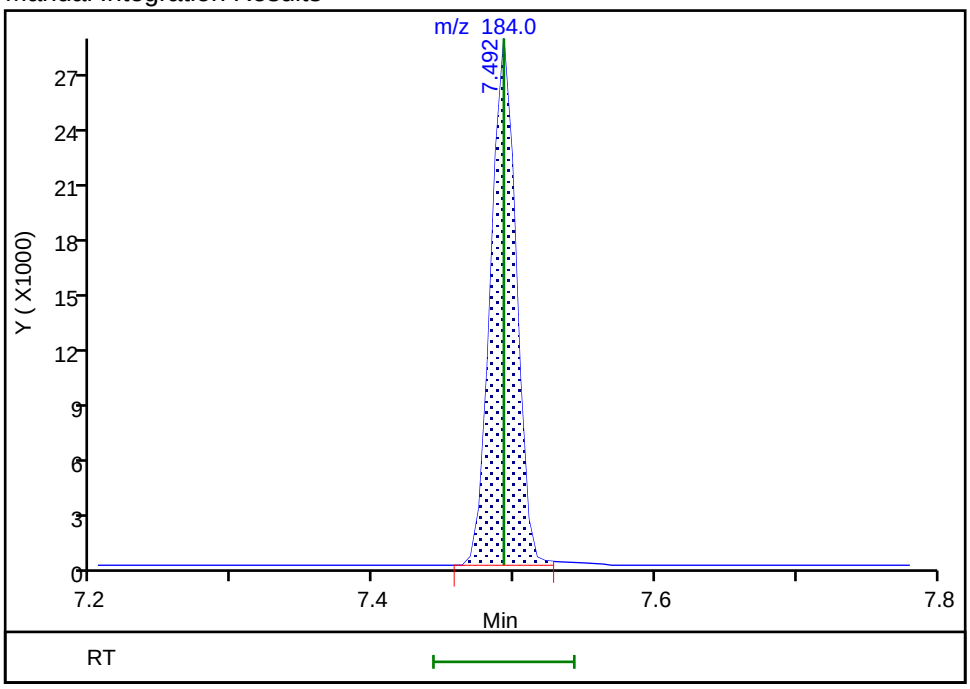
Not Detected
Expected RT: 7.49

Processing Integration Results



Manual Integration Results

RT: 7.49
Area: 35865
Amount: 102.4087
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 12:37:49
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28524.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 25-Aug-2020 12:36:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:37:43 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 13:20:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.934	1.934	0.000	84	31858	120.0	124.7	
2 N-Nitrosodimethylamine	74	2.169	2.163	0.006	55	48365	120.0	116.7	
3 Pyridine	79	2.205	2.199	0.006	63	174872	240.0	236.0	
$ 4 2-Fluorophenol	112	3.340	3.334	0.006	92	107960	120.0	122.8	
5 Benzaldehyde	77	4.163	4.163	0.000	80	5164	32.0	8.33	
$ 6 Phenol-d5	99	4.228	4.216	0.012	90	127115	120.0	124.4	
7 Phenol	94	4.240	4.228	0.012	92	131238	120.0	123.4	
8 Aniline	93	4.269	4.263	0.006	9	146721	120.0	115.6	
9 Bis(2-chloroethyl)ether	93	4.328	4.322	0.006	85	87563	120.0	115.1	
10 Benzonitrile	103	4.351	4.340	0.011	93	200745	NC	NC	
11 2-Chlorophenol	128	4.387	4.381	0.006	90	118954	120.0	116.4	
12 n-Decane	43	4.428	4.428	0.000	93	180938	120.0	114.6	
13 1,3-Dichlorobenzene	146	4.534	4.528	0.006	95	123134	120.0	113.7	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	92	27440	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.599	4.593	0.005	94	125925	120.0	114.0	
16 Benzyl alcohol	108	4.704	4.698	0.006	89	68860	120.0	117.7	
17 1,2-Dichlorobenzene	146	4.746	4.740	0.006	92	120662	120.0	115.7	
18 2-Methylphenol	108	4.810	4.804	0.006	84	94876	120.0	118.0	
19 2,2'-oxybis[1-chloropropane]	45	4.834	4.834	0.000	89	243523	120.0	115.8	a
20 N-Methylaniline	106	4.951	4.945	0.006	77	167205	120.0	120.8	
24 4-Methylphenol	108	4.963	4.951	0.012	71	110460	120.0	117.7	
23 3 & 4 Methylphenol	108	4.963	4.951	0.012	70	110460	120.0	117.7	
21 Acetophenone	105	4.963	4.957	0.006	77	144361	120.0	112.1	
22 N-Nitrosodi-n-propylamine	70	4.963	4.957	0.006	76	65265	120.0	120.9	
25 Hexachloroethane	117	5.063	5.063	0.000	92	46596	120.0	119.8	
$ 26 Nitrobenzene-d5	82	5.104	5.098	0.006	87	104691	120.0	118.4	
28 Nitrobenzene	123	5.128	5.122	0.006	74	54176	120.0	120.4	
27 n,n'-Dimethylaniline	120	5.128	5.122	0.006	84	170713	120.0	118.8	
31 Isophorone	82	5.351	5.345	0.006	91	170756	120.0	115.6	
32 2-Nitrophenol	139	5.422	5.422	0.000	86	64169	120.0	117.9	
33 2,4-Dimethylphenol	122	5.463	5.457	0.006	63	99970	120.0	115.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.551	5.545	0.006	95	111145	120.0	115.9	
35 Benzoic acid	122	5.604	5.563	0.041	89	78303	120.0	120.7	
36 2,4-Dichlorophenol	162	5.651	5.645	0.006	91	96371	120.0	119.8	
37 1,2,4-Trichlorobenzene	180	5.734	5.728	0.006	95	101506	120.0	115.6	
* 38 Naphthalene-d8	136	5.787	5.787	0.000	97	113185	40.0	40.0	
39 Naphthalene	128	5.804	5.804	0.000	98	326929	120.0	113.1	
40 4-Chloroaniline	127	5.857	5.851	0.006	83	146344	120.0	117.2	
130 2,6-Dichlorophenol	162	5.863	5.863	0.000	84	93159	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	91	57902	120.0	111.6	
42 Caprolactam	113	6.304	6.175	0.129	34	10705	32.0	47.2	M
43 4-Chloro-3-methylphenol	107	6.310	6.304	0.006	95	90471	120.0	116.7	
44 2-Methylnaphthalene	142	6.457	6.457	0.000	79	223918	120.0	113.6	
45 1-Methylnaphthalene	142	6.551	6.551	0.000	82	209468	120.0	113.6	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	86	75844	120.0	118.9	
47 1,2,4,5-Tetrachlorobenzene	216	6.622	6.622	0.000	91	98769	120.0	113.1	
48 2-tertbutyl-4-methylphenol	149	6.645	6.645	0.000	76	144831	120.0	119.4	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	87	69575	120.0	119.3	
50 2,4,5-Trichlorophenol	196	6.757	6.757	0.000	87	78433	120.0	116.4	
$ 51 2-Fluorobiphenyl	172	6.804	6.804	0.000	95	243637	120.0	118.2	
52 1,1'-Biphenyl	154	6.898	6.898	0.000	95	264759	120.0	114.0	
53 2-Chloronaphthalene	162	6.922	6.916	0.006	96	198889	120.0	112.0	
54 Phenyl ether	170	6.998	6.998	0.000	85	137630	120.0	117.3	
56 2-Nitroaniline	65	7.016	7.010	0.006	93	70785	120.0	114.6	
57 1,3-Dimethylnaphthalene	156	7.128	7.122	0.006	89	163591	120.0	118.5	
58 Dimethyl phthalate	163	7.192	7.187	0.006	98	235059	120.0	112.1	
59 Coumarin	146	7.210	7.204	0.006	71	83223	120.0	119.5	
60 2,6-Dinitrotoluene	165	7.245	7.239	0.006	6	53211	120.0	117.1	
61 Acenaphthylene	152	7.310	7.310	0.000	97	310133	120.0	114.2	
64 3-Nitroaniline	138	7.404	7.392	0.012	93	62588	120.0	115.6	
* 65 Acenaphthene-d10	164	7.445	7.439	0.006	66	56240	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.469	7.463	0.006	95	180745	120.0	116.3	
67 Acenaphthene	154	7.475	7.475	0.000	95	210759	120.0	106.5	
68 2,4-Dinitrophenol	184	7.504	7.492	0.012	81	76592	240.0	235.2	a
69 4-Nitrophenol	65	7.563	7.551	0.012	83	90424	240.0	227.9	
70 2,4-Dinitrotoluene	165	7.622	7.616	0.006	88	73553	120.0	117.8	
71 Dibenzofuran	168	7.639	7.634	0.005	90	277378	120.0	112.8	
72 2,3,4,6-Tetrachlorophenol	232	7.751	7.751	0.000	88	63314	120.0	117.0	
73 Diethyl phthalate	149	7.857	7.851	0.006	97	245001	120.0	114.3	
74 4-Chlorophenyl phenyl ether	204	7.957	7.951	0.006	71	102461	120.0	109.5	
75 Fluorene	166	7.957	7.957	0.000	81	227224	120.0	113.7	
76 4-Nitroaniline	138	7.998	7.975	0.023	81	66572	120.0	115.4	
77 4,6-Dinitro-2-methylphenol	198	8.016	8.004	0.012	81	88577	240.0	245.8	
78 N-Nitrosodiphenylamine	169	8.075	8.063	0.012	96	166562	120.0	112.8	
79 1,2-Diphenylhydrazine	77	8.110	8.104	0.006	84	184922	120.0	116.0	
$ 80 2,4,6-Tribromophenol	330	8.187	8.181	0.006	93	48237	120.0	126.4	
81 4-Bromophenyl phenyl ether	248	8.416	8.416	0.000	88	67528	120.0	113.4	
83 Hexachlorobenzene	284	8.486	8.481	0.005	94	81563	120.0	116.0	
84 Atrazine	200	8.569	8.563	0.006	86	17602	32.0	30.0	
85 Pentachlorophenol	266	8.669	8.663	0.006	87	103150	240.0	232.9	
86 Pentachloronitrobenzene	237	8.681	8.681	0.000	84	36033	120.0	116.9	
87 n-Octadecane	57	8.739	8.739	0.000	92	190273	120.0	116.2	
* 88 Phenanthrene-d10	188	8.839	8.839	0.000	98	101679	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.863	8.863	0.000	97	343093	120.0	112.5	
90 Anthracene	178	8.916	8.910	0.006	98	351781	120.0	111.9	
91 Carbazole	167	9.063	9.057	0.006	83	318528	120.0	113.3	
92 Di-n-butyl phthalate	149	9.392	9.386	0.006	99	407915	120.0	113.2	
93 Fluoranthene	202	9.986	9.986	0.000	98	378575	120.0	113.9	
94 Benzidine	184	10.110	10.104	0.006	98	221891	120.0	118.2	
95 Pyrene	202	10.204	10.198	0.006	97	387261	120.0	113.9	
82 Bisphenol-A	213	10.245	10.239	0.006	86	197086	120.0	118.6	
$ 96 Terphenyl-d14	244	10.351	10.351	0.000	99	274942	120.0	117.3	
97 Butyl benzyl phthalate	149	10.857	10.857	0.000	93	177874	120.0	116.4	
99 Carbamazepine	193	10.986	10.975	0.012	91	176908	120.0	126.5	
100 3,3'-Dichlorobenzidine	252	11.457	11.451	0.006	99	147221	120.0	119.0	
101 Benzo[a]anthracene	228	11.480	11.480	0.000	99	366550	120.0	113.9	
* 102 Chrysene-d12	240	11.498	11.492	0.006	91	90448	40.0	40.0	
103 Chrysene	228	11.527	11.522	0.005	93	335972	120.0	110.1	
104 Bis(2-ethylhexyl) phthalate	149	11.527	11.527	0.000	86	257568	120.0	115.7	
105 Di-n-octyl phthalate	149	12.380	12.374	0.006	96	459510	120.0	115.0	
106 Benzo[b]fluoranthene	252	12.892	12.886	0.006	97	414355	120.0	119.2	
107 Benzo[k]fluoranthene	252	12.939	12.927	0.012	99	386012	120.0	110.9	
108 Benzo[a]pyrene	252	13.357	13.345	0.012	95	347430	120.0	116.7	
* 109 Perylene-d12	264	13.427	13.427	0.000	97	113401	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.068	15.051	0.017	95	432422	120.0	117.9	M
111 Dibenz(a,h)anthracene	278	15.110	15.092	0.018	95	390415	120.0	112.0	
112 Benzo[g,h,i]perylene	276	15.539	15.515	0.024	92	402800	120.0	113.0	
S 119 Total Cresols	1				0			235.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00001 Amount Added: 1.00 Units: mL

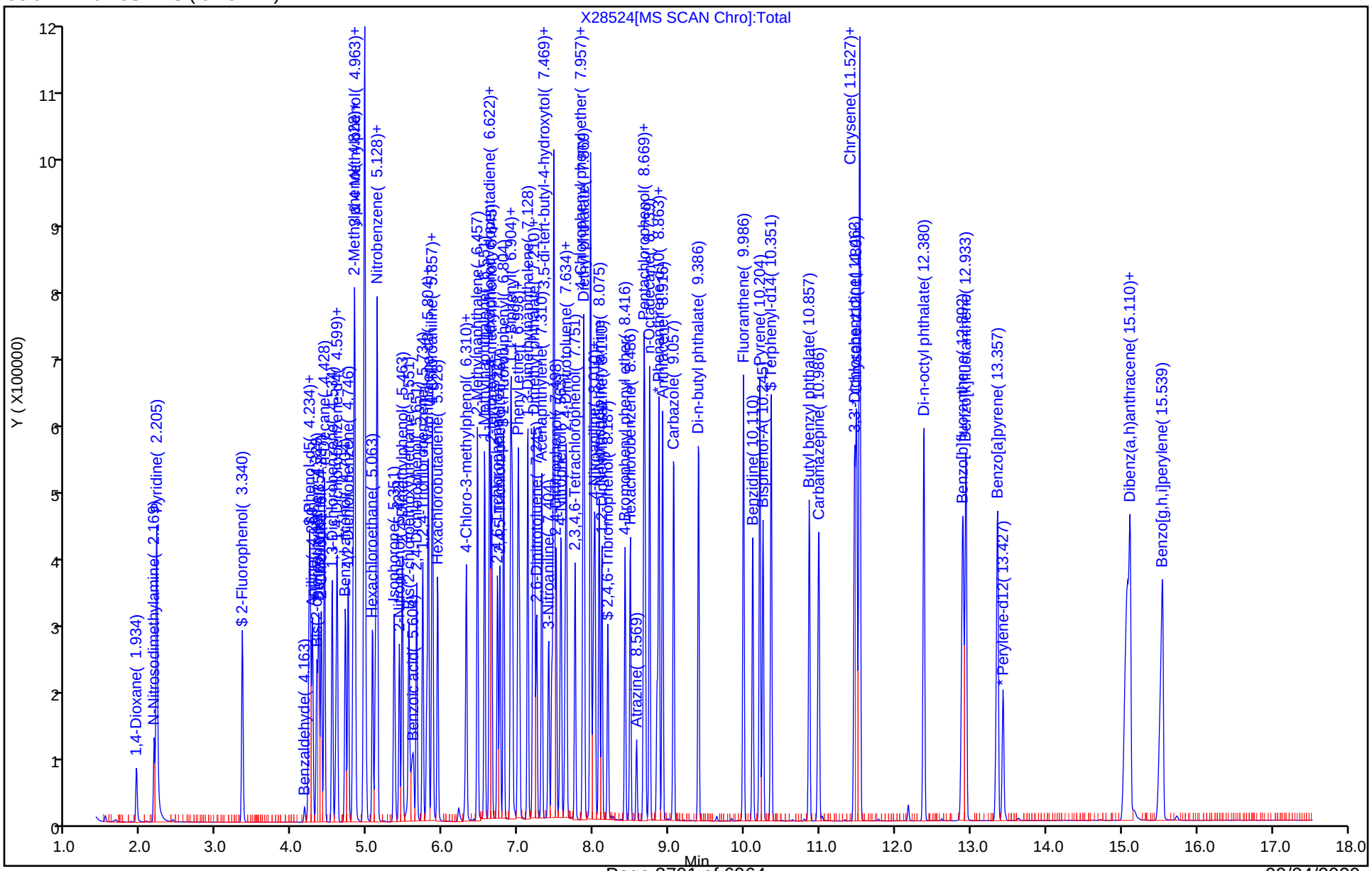
Report Date: 26-Aug-2020 06:37:44 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28524.d

Injection Date:	25-Aug-2020 12:36:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

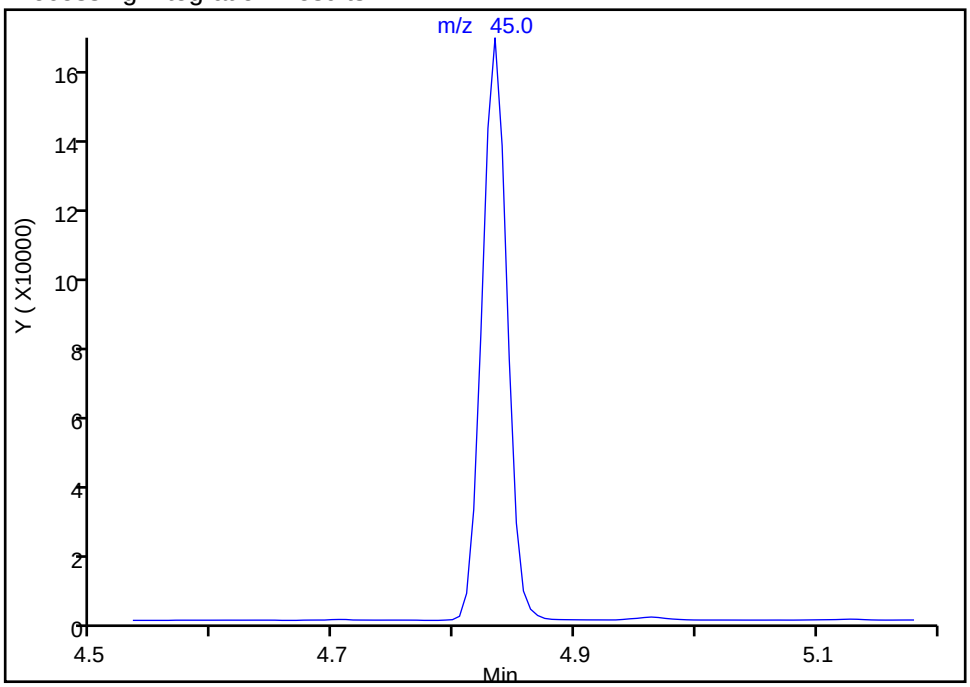
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28524.d
Injection Date: 25-Aug-2020 12:36:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

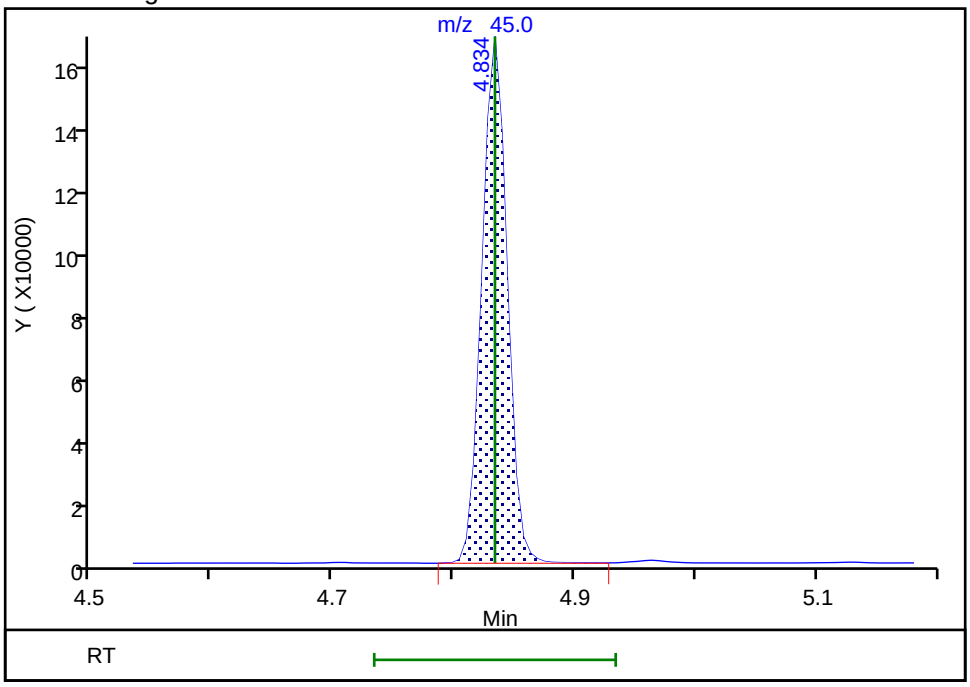
Not Detected
Expected RT: 4.83

Processing Integration Results



Manual Integration Results

RT: 4.83
Area: 243523
Amount: 115.7683
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:18:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

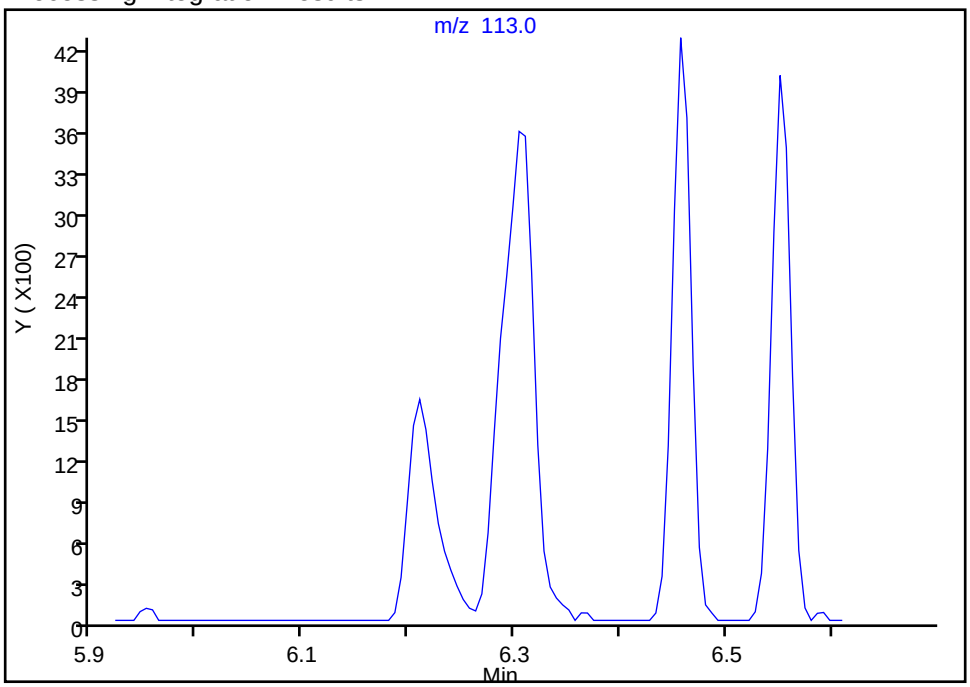
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28524.d
Injection Date: 25-Aug-2020 12:36:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

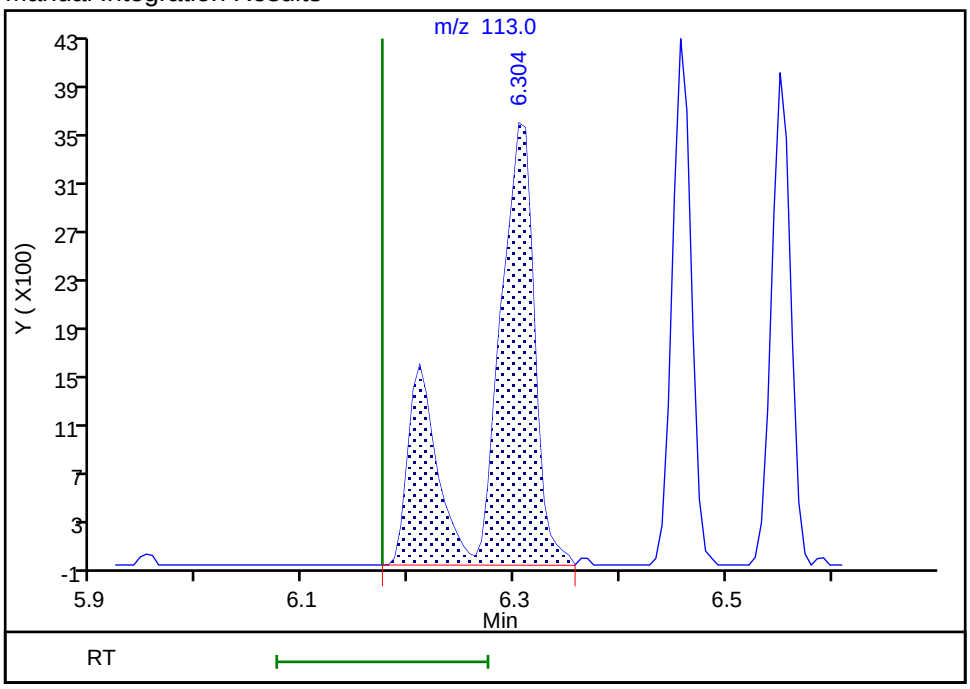
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.30
Area: 10705
Amount: 47.189287
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:19:07
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

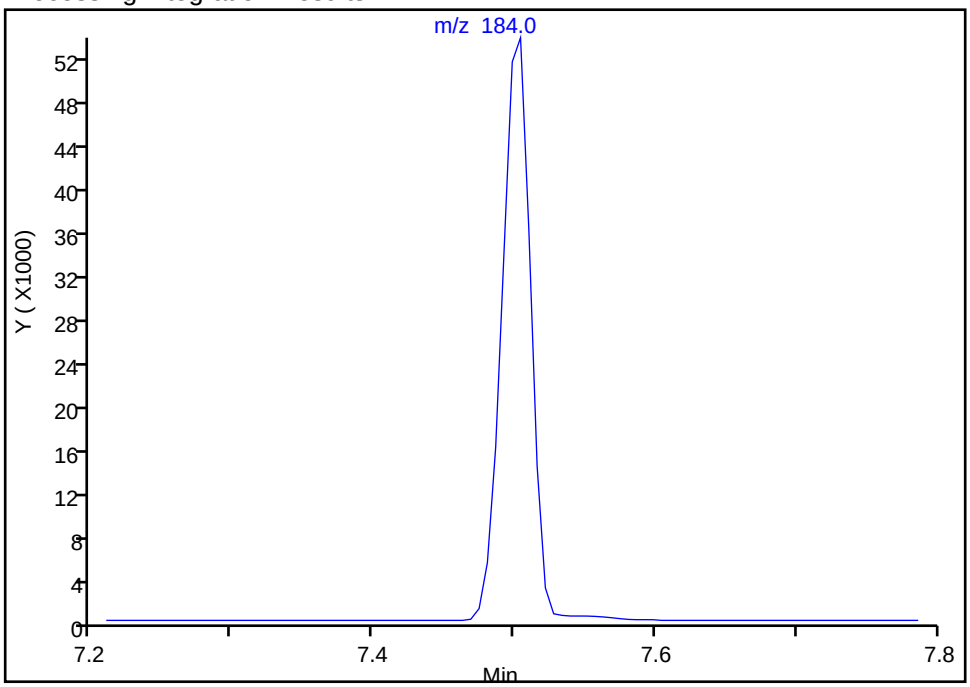
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28524.d
Injection Date: 25-Aug-2020 12:36:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

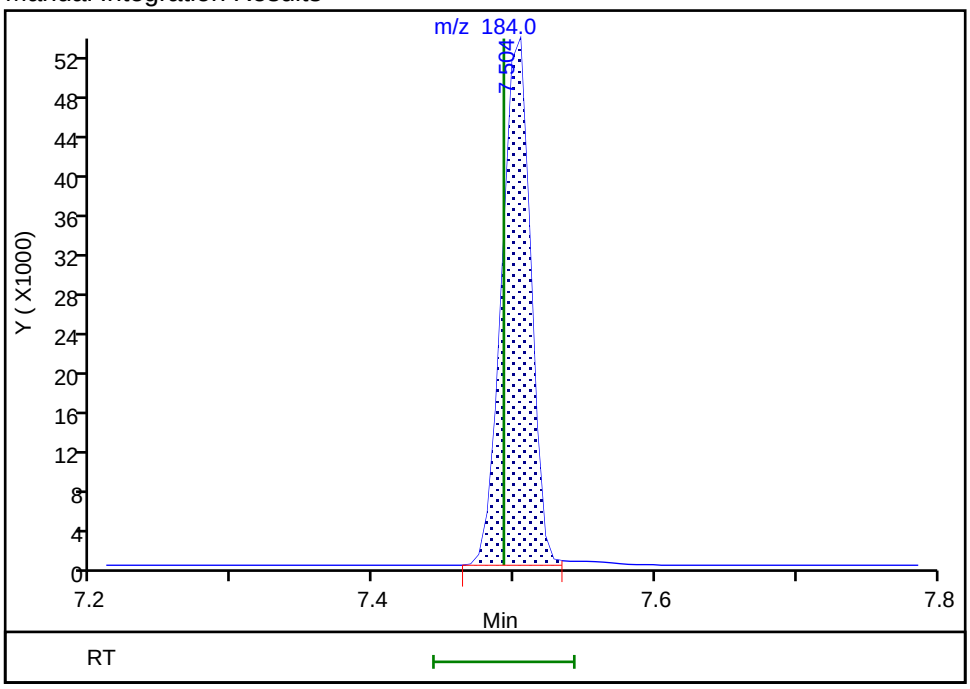
Not Detected
Expected RT: 7.49

Processing Integration Results



Manual Integration Results

RT: 7.50
Area: 76592
Amount: 235.1581
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:19:22
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

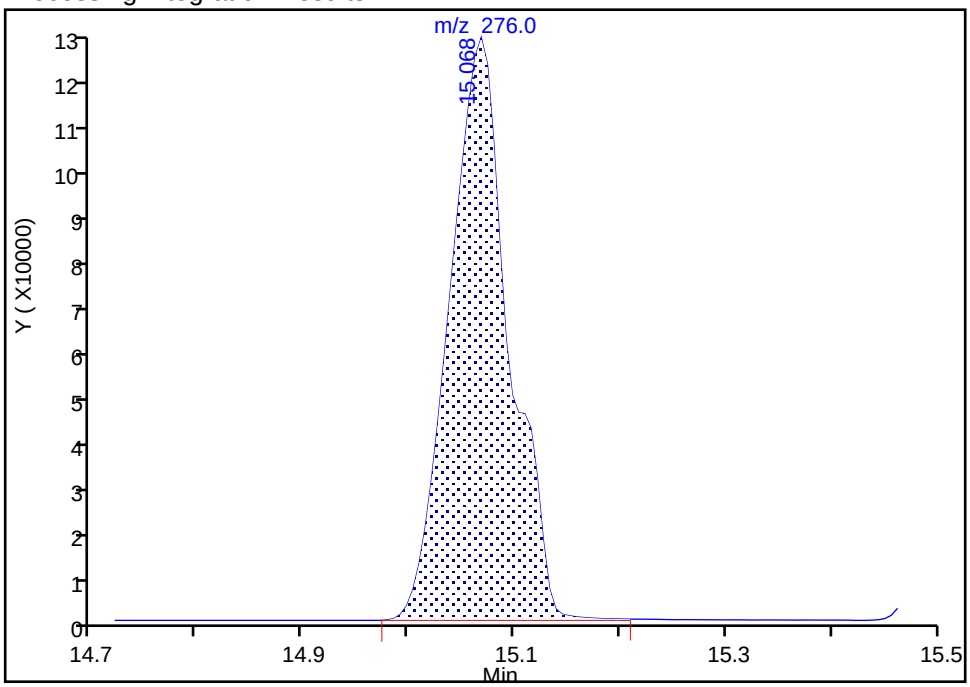
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28524.d
Injection Date: 25-Aug-2020 12:36:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

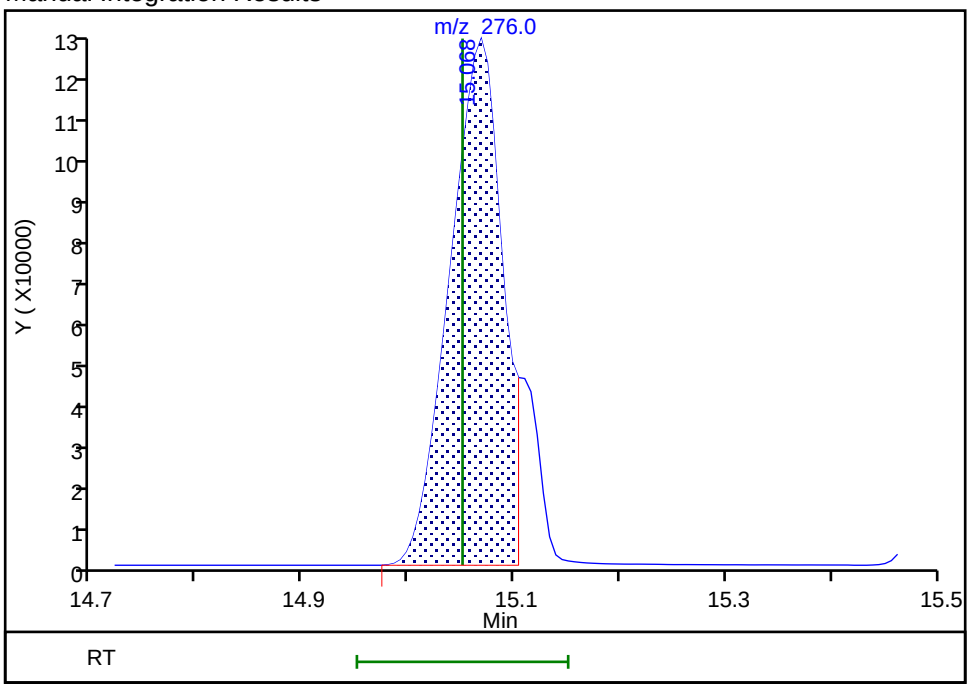
Processing Integration Results

RT: 15.07
Area: 484661
Amount: 125.6208
Amount Units: ug/ml



Manual Integration Results

RT: 15.07
Area: 432422
Amount: 117.9260
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:19:41
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28525.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 25-Aug-2020 13:00:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:37:51 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 13:37:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.934	1.934	0.000	85	21928	80.0	85.8	
2 N-Nitrosodimethylamine	74	2.169	2.163	0.006	56	33146	80.0	80.0	
3 Pyridine	79	2.199	2.199	0.000	63	117907	160.0	159.1	
$ 4 2-Fluorophenol	112	3.340	3.334	0.006	93	73334	80.0	83.4	
5 Benzaldehyde	77	4.163	4.163	0.000	79	5671	24.0	9.14	
$ 6 Phenol-d5	99	4.222	4.216	0.006	90	85448	80.0	83.6	
7 Phenol	94	4.234	4.228	0.006	93	89246	80.0	83.9	
8 Aniline	93	4.263	4.263	0.000	9	102024	80.0	80.3	
9 Bis(2-chloroethyl)ether	93	4.322	4.322	0.000	86	59841	80.0	78.7	
10 Benzonitrile	103	4.345	4.340	0.005	93	134181	NC	NC	
11 2-Chlorophenol	128	4.381	4.381	0.000	90	80539	80.0	78.8	
12 n-Decane	43	4.428	4.428	0.000	90	126210	80.0	79.9	
13 1,3-Dichlorobenzene	146	4.528	4.528	0.000	95	85477	80.0	78.9	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	95	27443	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.598	4.593	0.005	94	87540	80.0	79.2	
16 Benzyl alcohol	108	4.704	4.698	0.006	90	46769	80.0	80.0	
17 1,2-Dichlorobenzene	146	4.740	4.740	0.000	91	83083	80.0	79.6	
18 2-Methylphenol	108	4.804	4.804	0.000	85	63811	80.0	79.3	
19 2,2'-oxybis[1-chloropropane]	45	4.834	4.834	0.000	88	164367	80.0	78.1	a
20 N-Methylaniline	106	4.951	4.945	0.006	67	112747	80.0	81.5	
24 4-Methylphenol	108	4.957	4.951	0.006	72	75376	80.0	80.3	
23 3 & 4 Methylphenol	108	4.957	4.951	0.006	70	75376	80.0	80.3	
21 Acetophenone	105	4.957	4.957	0.000	75	101392	80.0	78.7	
22 N-Nitrosodi-n-propylamine	70	4.963	4.957	0.006	84	45802	80.0	84.8	
25 Hexachloroethane	117	5.063	5.063	0.000	92	32400	80.0	83.3	
$ 26 Nitrobenzene-d5	82	5.104	5.098	0.006	87	70092	80.0	78.0	
27 n,n'-Dimethylaniline	120	5.128	5.122	0.006	87	115721	80.0	80.6	
28 Nitrobenzene	123	5.122	5.122	0.000	76	37517	80.0	83.4	
31 Isophorone	82	5.345	5.345	0.000	91	117845	80.0	78.6	
32 2-Nitrophenol	139	5.422	5.422	0.000	88	43854	80.0	79.3	
33 2,4-Dimethylphenol	122	5.457	5.457	0.000	70	69196	80.0	78.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.545	5.545	0.000	93	76720	80.0	78.7	
35 Benzoic acid	122	5.581	5.563	0.018	78	52432	80.0	80.3	
36 2,4-Dichlorophenol	162	5.645	5.645	0.000	94	66537	80.0	81.4	
37 1,2,4-Trichlorobenzene	180	5.734	5.728	0.006	95	72268	80.0	81.0	
* 38 Naphthalene-d8	136	5.787	5.787	0.000	97	114980	40.0	40.0	
39 Naphthalene	128	5.804	5.804	0.000	98	229241	80.0	78.0	
40 4-Chloroaniline	127	5.851	5.851	0.000	84	100060	80.0	78.9	
130 2,6-Dichlorophenol	162	5.863	5.863	0.000	88	63906	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	90	40347	80.0	76.6	
42 Caprolactam	113	6.251	6.175	0.076	79	5938	24.0	25.8	M
43 4-Chloro-3-methylphenol	107	6.310	6.304	0.006	89	62179	80.0	78.9	
44 2-Methylnaphthalene	142	6.457	6.457	0.000	79	157163	80.0	78.5	
45 1-Methylnaphthalene	142	6.551	6.551	0.000	82	144219	80.0	77.0	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	82	52399	80.0	81.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.622	6.622	0.000	91	69139	80.0	78.3	
48 2-tertbutyl-4-methylphenol	149	6.645	6.645	0.000	81	98949	80.0	80.3	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	88	48837	80.0	82.9	
50 2,4,5-Trichlorophenol	196	6.757	6.757	0.000	89	52774	80.0	77.5	
$ 51 2-Fluorobiphenyl	172	6.804	6.804	0.000	92	167034	80.0	80.2	
52 1,1'-Biphenyl	154	6.898	6.898	0.000	95	183693	80.0	78.2	
53 2-Chloronaphthalene	162	6.916	6.916	0.000	96	140026	80.0	78.0	
54 Phenyl ether	170	6.998	6.998	0.000	84	94149	80.0	79.4	
56 2-Nitroaniline	65	7.010	7.010	0.000	93	49061	80.0	78.6	
57 1,3-Dimethylnaphthalene	156	7.122	7.122	0.000	89	111098	80.0	79.6	
58 Dimethyl phthalate	163	7.186	7.187	0.000	98	161037	80.0	76.0	
59 Coumarin	146	7.204	7.204	0.000	71	55706	80.0	78.7	
60 2,6-Dinitrotoluene	165	7.239	7.239	0.000	8	35493	80.0	77.3	
61 Acenaphthylene	152	7.310	7.310	0.000	96	216720	80.0	79.0	
64 3-Nitroaniline	138	7.398	7.392	0.006	93	43504	80.0	79.5	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	85	56833	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.463	7.463	0.000	93	126086	80.0	80.3	
67 Acenaphthene	154	7.475	7.475	0.000	94	160425	80.0	80.2	
68 2,4-Dinitrophenol	184	7.498	7.492	0.006	77	51800	160.0	158.0	a
69 4-Nitrophenol	65	7.557	7.551	0.006	84	62427	160.0	155.7	
70 2,4-Dinitrotoluene	165	7.616	7.616	0.000	92	49885	80.0	79.0	
71 Dibenzofuran	168	7.634	7.634	0.000	90	193891	80.0	78.0	
72 2,3,4,6-Tetrachlorophenol	232	7.751	7.751	0.000	90	43660	80.0	79.9	
73 Diethyl phthalate	149	7.851	7.851	0.000	97	166061	80.0	76.6	
74 4-Chlorophenyl phenyl ether	204	7.951	7.951	0.000	73	72460	80.0	76.6	
75 Fluorene	166	7.957	7.957	0.000	81	156749	80.0	77.6	
76 4-Nitroaniline	138	7.986	7.975	0.011	86	45246	80.0	77.6	
77 4,6-Dinitro-2-methylphenol	198	8.010	8.004	0.006	77	60515	160.0	170.6	
78 N-Nitrosodiphenylamine	169	8.069	8.063	0.006	96	113478	80.0	78.1	
79 1,2-Diphenylhydrazine	77	8.104	8.104	0.000	87	124423	80.0	79.3	
$ 80 2,4,6-Tribromophenol	330	8.186	8.181	0.005	92	32281	80.0	83.7	
81 4-Bromophenyl phenyl ether	248	8.416	8.416	0.000	89	46690	80.0	79.6	
83 Hexachlorobenzene	284	8.481	8.481	0.000	94	55940	80.0	80.8	
84 Atrazine	200	8.563	8.563	0.000	86	14600	24.0	25.3	
85 Pentachlorophenol	266	8.663	8.663	0.000	85	72587	160.0	166.5	
86 Pentachloronitrobenzene	237	8.681	8.681	-0.001	87	24627	80.0	81.2	
87 n-Octadecane	57	8.739	8.739	0.000	92	128304	80.0	79.6	
* 88 Phenanthrene-d10	188	8.839	8.839	0.000	98	100072	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.863	8.863	0.000	97	235049	80.0	78.3	
90 Anthracene	178	8.910	8.910	0.000	98	244937	80.0	79.1	
91 Carbazole	167	9.057	9.057	0.000	83	214101	80.0	77.4	
92 Di-n-butyl phthalate	149	9.386	9.386	0.000	99	275163	80.0	77.6	
93 Fluoranthene	202	9.980	9.986	-0.006	98	255580	80.0	78.1	
94 Benzidine	184	10.104	10.104	0.000	99	146784	80.0	79.5	
95 Pyrene	202	10.198	10.198	0.000	97	260437	80.0	77.8	
82 Bisphenol-A	213	10.239	10.239	0.000	86	131253	80.0	80.3	
$ 96 Terphenyl-d14	244	10.351	10.351	0.000	99	188399	80.0	81.7	
97 Butyl benzyl phthalate	149	10.857	10.857	0.000	93	119638	80.0	79.5	
99 Carbamazepine	193	10.974	10.975	0.000	91	114002	80.0	82.8	
100 3,3'-Dichlorobenzidine	252	11.451	11.451	0.000	99	97842	80.0	80.3	
101 Benzo[a]anthracene	228	11.474	11.480	-0.006	99	242583	80.0	76.5	
* 102 Chrysene-d12	240	11.492	11.492	0.000	90	89041	40.0	40.0	
103 Chrysene	228	11.522	11.522	0.000	89	234215	80.0	77.9	
104 Bis(2-ethylhexyl) phthalate	149	11.522	11.527	-0.005	86	174941	80.0	79.8	
105 Di-n-octyl phthalate	149	12.374	12.374	0.000	93	304483	80.0	79.2	
106 Benzo[b]fluoranthene	252	12.886	12.886	0.000	97	274173	80.0	82.0	
107 Benzo[k]fluoranthene	252	12.927	12.927	0.000	99	252277	80.0	75.3	
108 Benzo[a]pyrene	252	13.345	13.345	0.000	95	228738	80.0	79.8	
* 109 Perylene-d12	264	13.427	13.427	0.000	98	109119	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.057	15.051	0.006	95	281045	80.0	79.7	
111 Dibenz(a,h)anthracene	278	15.098	15.092	0.006	96	267598	80.0	79.8	
112 Benzo[g,h,i]perylene	276	15.521	15.515	0.006	93	268901	80.0	78.4	
S 119 Total Cresols	1				0			159.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00001 Amount Added: 1.00 Units: mL

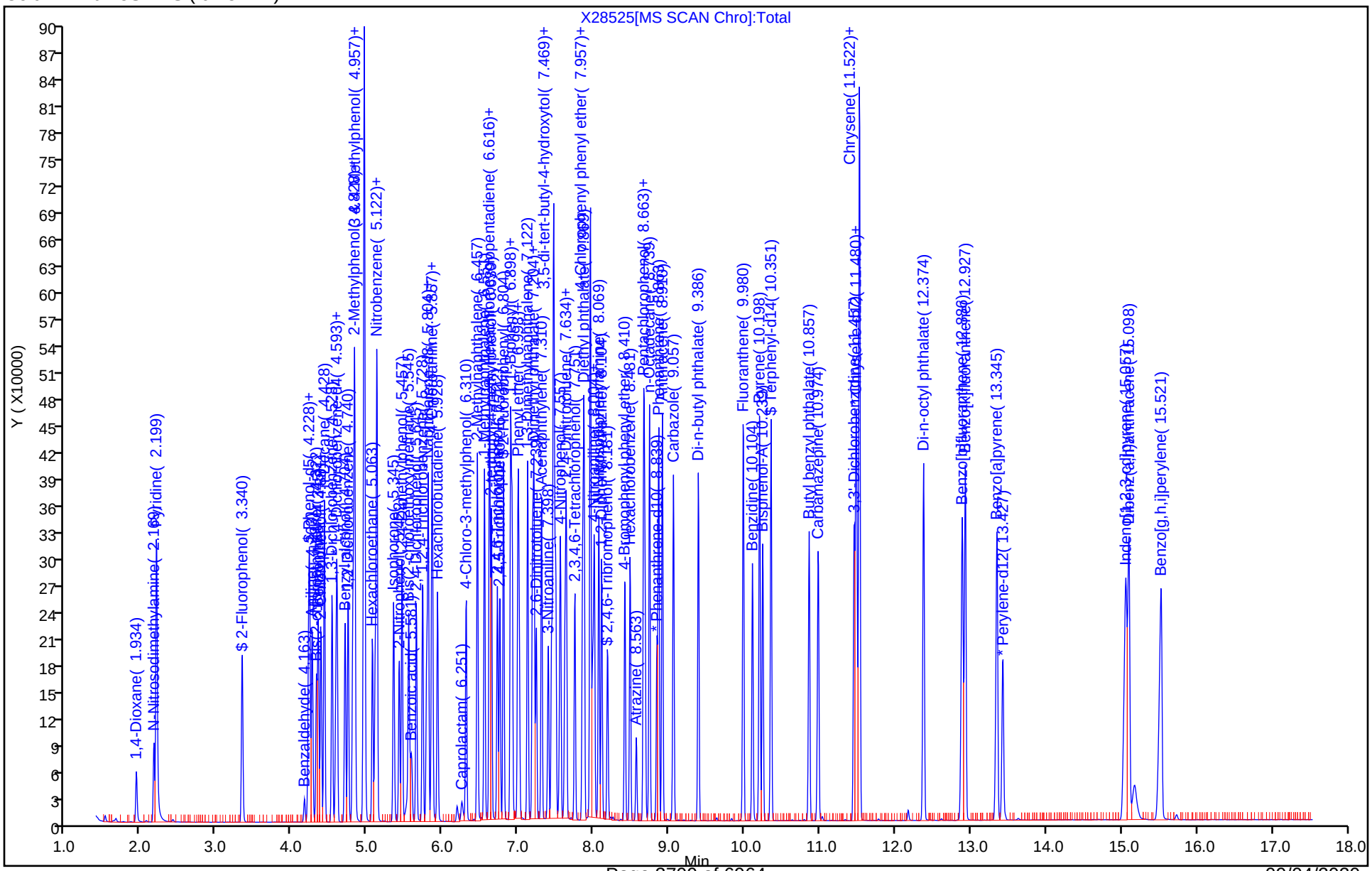
Report Date: 26-Aug-2020 06:37:53 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28525.d

Injection Date:	25-Aug-2020 13:00:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

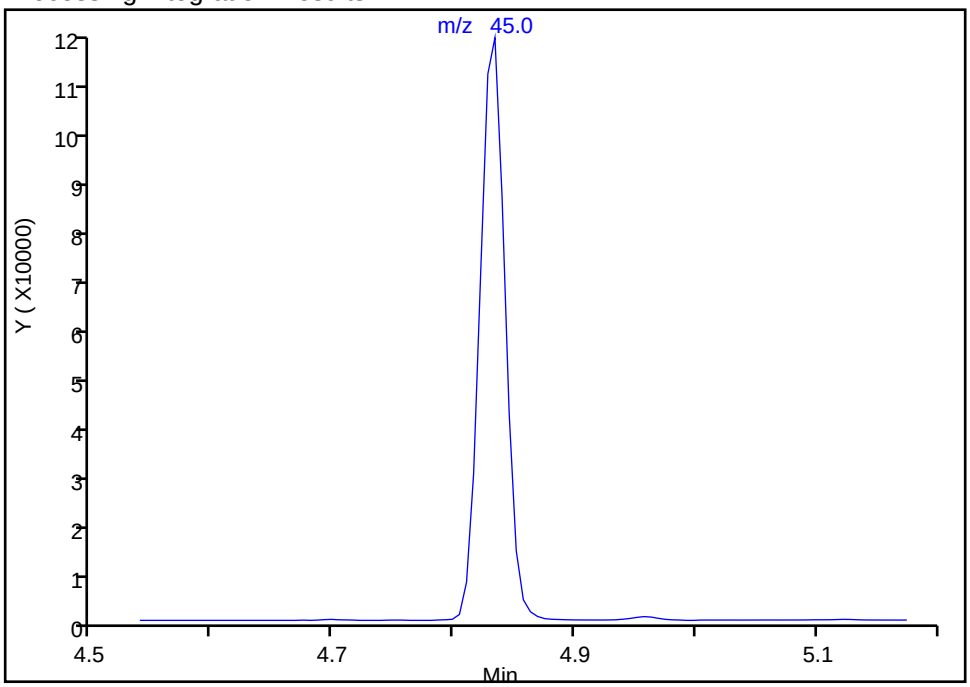
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28525.d
Injection Date: 25-Aug-2020 13:00:30 Instrument ID: CBNAMS5
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

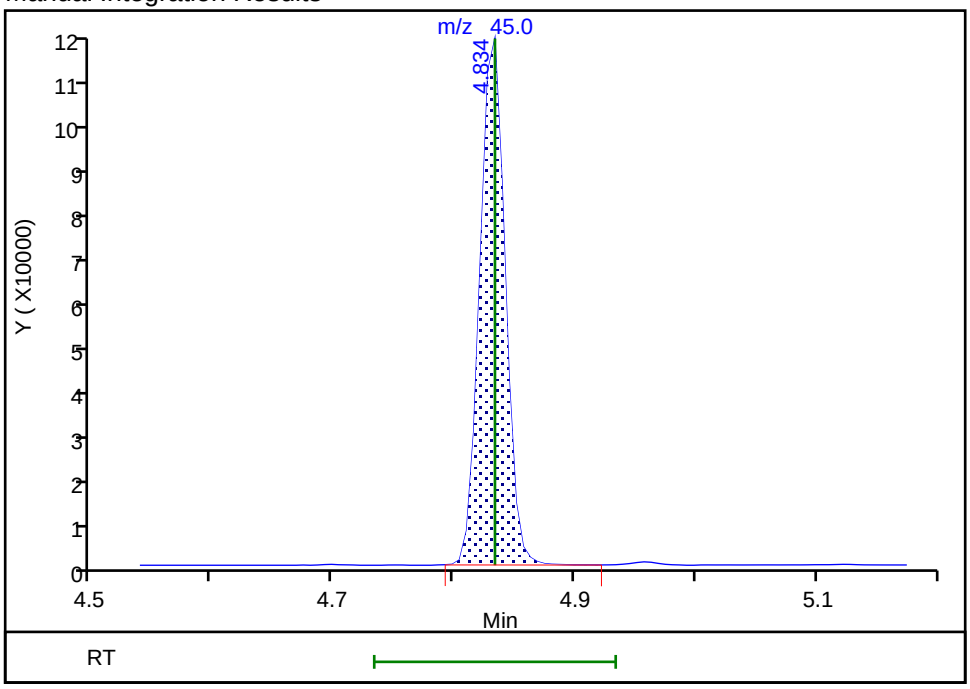
Not Detected
Expected RT: 4.83

Processing Integration Results



Manual Integration Results

RT: 4.83
Area: 164367
Amount: 78.129852
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:36:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

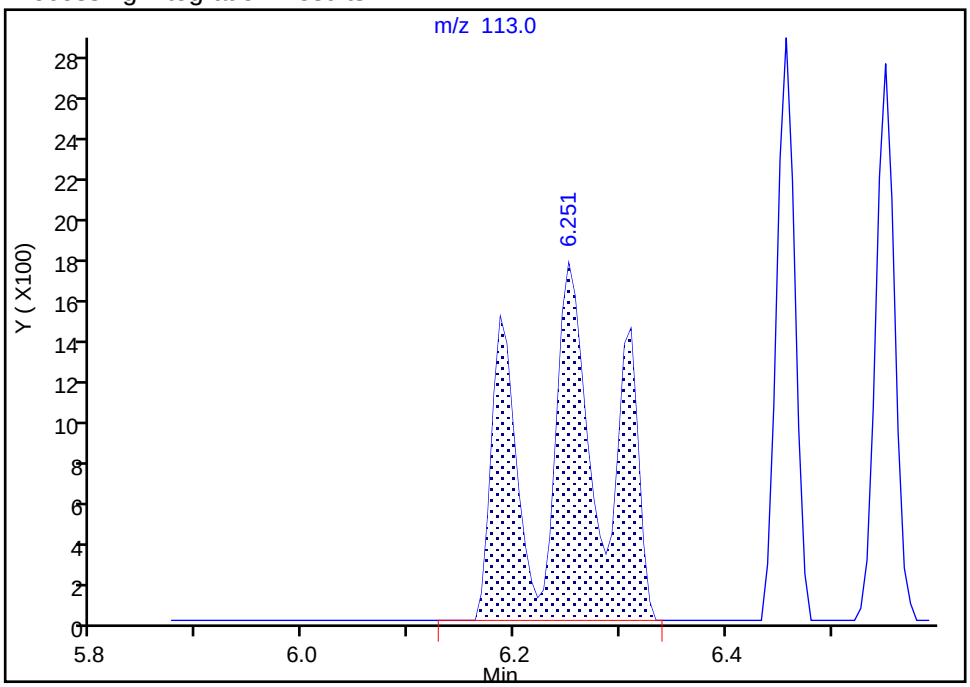
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28525.d
Injection Date: 25-Aug-2020 13:00:30 Instrument ID: CBNAMS5
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

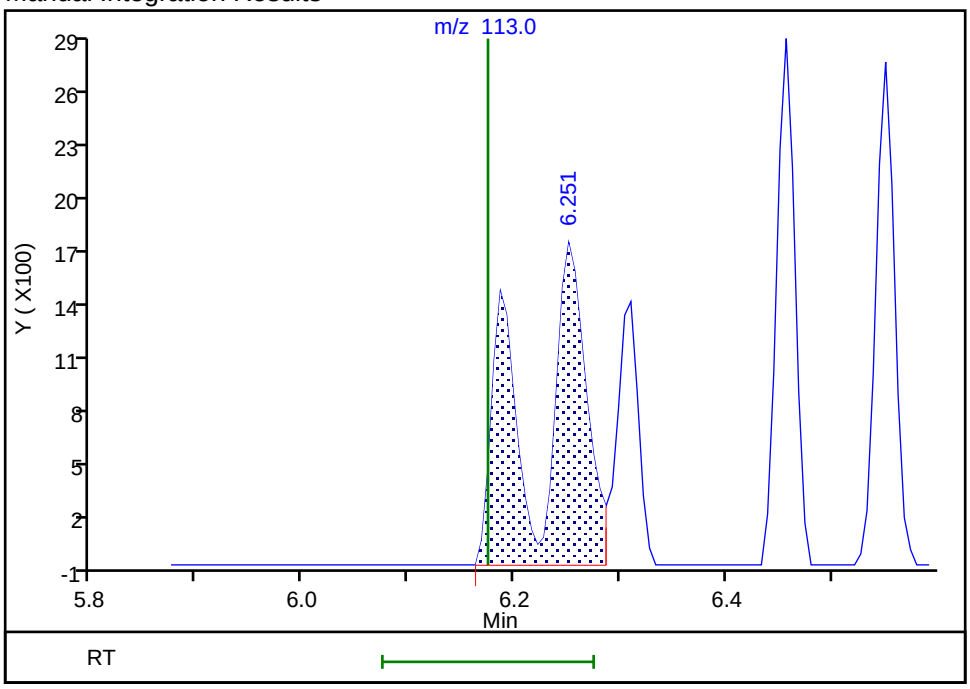
Processing Integration Results

RT: 6.25
Area: 7870
Amount: 25.568327
Amount Units: ug/ml



Manual Integration Results

RT: 6.25
Area: 5938
Amount: 25.766979
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:36:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

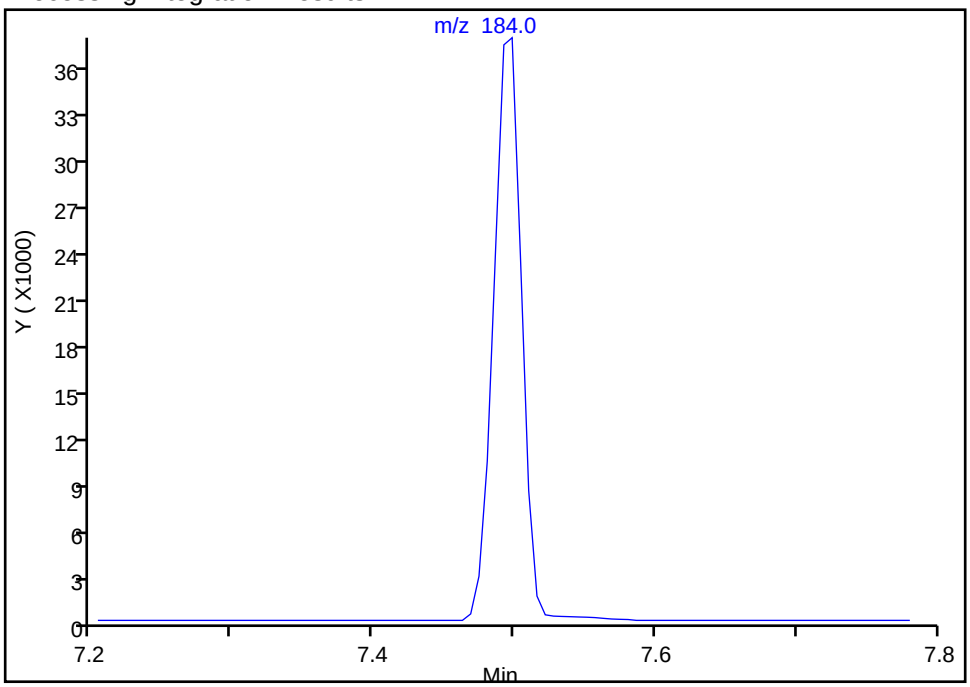
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28525.d
Injection Date: 25-Aug-2020 13:00:30 Instrument ID: CBNAMS5
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

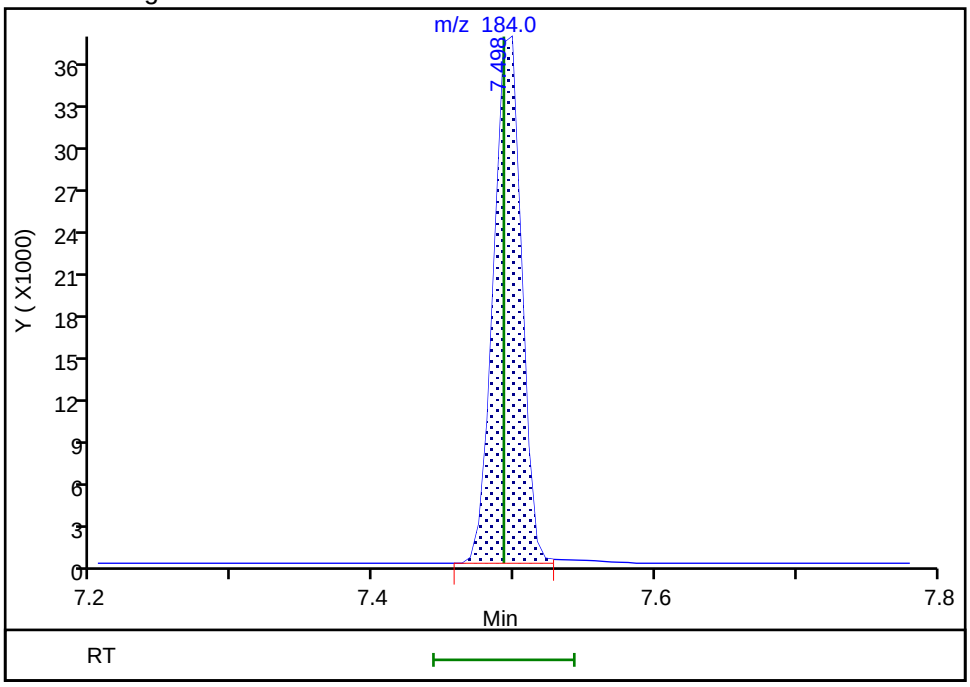
Not Detected
Expected RT: 7.49

Processing Integration Results



Manual Integration Results

RT: 7.50
Area: 51800
Amount: 158.0171
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:36:56
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28526.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 25-Aug-2020 13:24:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:00 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 13:56:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.940	1.934	0.006	84	4960	20.0	20.4	
2 N-Nitrosodimethylamine	74	2.169	2.163	0.006	54	7774	20.0	19.7	
3 Pyridine	79	2.204	2.199	0.005	64	27759	40.0	39.4	
$ 4 2-Fluorophenol	112	3.334	3.334	0.000	92	16322	20.0	19.5	
5 Benzaldehyde	77	4.163	4.163	0.000	80	8342	16.0	14.1	
$ 6 Phenol-d5	99	4.210	4.216	-0.006	90	18752	20.0	19.3	
7 Phenol	94	4.222	4.228	-0.006	92	19413	20.0	19.2	
8 Aniline	93	4.263	4.263	0.000	33	23325	20.0	19.3	
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	86	14811	20.0	20.5	
10 Benzonitrile	103	4.334	4.340	-0.006	93	31104	NC	NC	
11 2-Chlorophenol	128	4.381	4.381	0.000	86	19094	20.0	19.6	
12 n-Decane	43	4.428	4.428	0.000	93	29691	20.0	19.8	
13 1,3-Dichlorobenzene	146	4.528	4.528	0.000	96	20886	20.0	20.3	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	95	26103	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.593	4.593	0.000	89	20692	20.0	19.7	
16 Benzyl alcohol	108	4.698	4.698	0.000	89	10859	20.0	19.5	
17 1,2-Dichlorobenzene	146	4.740	4.740	0.000	90	20041	20.0	20.2	
18 2-Methylphenol	108	4.798	4.804	-0.006	84	14665	20.0	19.2	
19 2,2'-oxybis[1-chloropropane]	45	4.828	4.834	-0.006	88	38606	20.0	19.3	
20 N-Methylaniline	106	4.945	4.945	0.000	65	25763	20.0	19.6	
24 4-Methylphenol	108	4.945	4.951	-0.006	73	17347	20.0	19.4	
23 3 & 4 Methylphenol	108	4.945	4.951	-0.006	70	17347	20.0	19.4	
21 Acetophenone	105	4.951	4.957	-0.006	73	24000	20.0	19.6	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	87	10544	20.0	20.5	
25 Hexachloroethane	117	5.063	5.063	0.000	89	7558	20.0	20.4	
$ 26 Nitrobenzene-d5	82	5.098	5.098	0.000	93	16672	20.0	20.4	
28 Nitrobenzene	123	5.116	5.122	-0.006	77	8746	20.0	20.4	
27 n,n'-Dimethylaniline	120	5.122	5.122	0.000	83	26246	20.0	19.2	
31 Isophorone	82	5.340	5.345	-0.005	91	27290	20.0	20.0	
32 2-Nitrophenol	139	5.416	5.422	-0.006	87	10077	20.0	20.1	
33 2,4-Dimethylphenol	122	5.451	5.457	-0.006	64	15835	20.0	19.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.540	5.545	-0.005	89	17517	20.0	19.8	
35 Benzoic acid	122	5.522	5.563	-0.041	83	11177	20.0	20.5	
36 2,4-Dichlorophenol	162	5.640	5.645	-0.005	93	14955	20.0	20.2	
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	94	16886	20.0	20.8	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	98	104412	40.0	40.0	
39 Naphthalene	128	5.798	5.804	-0.006	98	53546	20.0	20.1	
40 4-Chloroaniline	127	5.845	5.851	-0.006	84	22837	20.0	19.8	
130 2,6-Dichlorophenol	162	5.857	5.863	-0.006	87	14973	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	90	9675	20.0	20.2	
42 Caprolactam	113	6.151	6.175	-0.024	80	3465	16.0	16.6	Ma
43 4-Chloro-3-methylphenol	107	6.304	6.304	0.000	87	14099	20.0	19.7	
44 2-Methylnaphthalene	142	6.457	6.457	0.000	82	36510	20.0	20.1	
45 1-Methylnaphthalene	142	6.545	6.551	-0.006	83	34523	20.0	20.3	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	74	11552	20.0	20.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.616	6.622	-0.006	91	15987	20.0	20.4	
48 2-tertbutyl-4-methylphenol	149	6.640	6.645	-0.005	80	21945	20.0	19.6	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	87	10104	20.0	19.3	
50 2,4,5-Trichlorophenol	196	6.751	6.757	-0.006	81	12452	20.0	20.6	
$ 51 2-Fluorobiphenyl	172	6.798	6.804	-0.006	92	35489	20.0	19.2	
52 1,1'-Biphenyl	154	6.892	6.898	-0.006	95	42362	20.0	20.3	
53 2-Chloronaphthalene	162	6.910	6.916	-0.006	95	32434	20.0	20.3	
54 Phenyl ether	170	6.992	6.998	-0.006	84	21429	20.0	20.3	
56 2-Nitroaniline	65	7.004	7.010	-0.006	90	11094	20.0	20.0	
57 1,3-Dimethylnaphthalene	156	7.122	7.122	0.000	89	25382	20.0	20.5	
58 Dimethyl phthalate	163	7.175	7.187	-0.011	98	38790	20.0	20.6	
59 Coumarin	146	7.198	7.204	-0.006	72	12630	20.0	19.7	
60 2,6-Dinitrotoluene	165	7.228	7.239	-0.011	5	8459	20.0	20.7	
61 Acenaphthylene	152	7.304	7.310	-0.006	97	49593	20.0	20.3	
64 3-Nitroaniline	138	7.387	7.392	-0.006	93	10009	20.0	20.6	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	96	50530	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.457	7.463	-0.006	94	28289	20.0	20.3	
67 Acenaphthene	154	7.469	7.475	-0.006	92	36369	20.0	20.5	
68 2,4-Dinitrophenol	184	7.487	7.492	-0.006	67	11367	40.0	40.5	a
69 4-Nitrophenol	65	7.539	7.551	-0.012	85	14443	40.0	40.5	
70 2,4-Dinitrotoluene	165	7.610	7.616	-0.006	91	11342	20.0	20.2	
71 Dibenzofuran	168	7.628	7.634	-0.006	91	44689	20.0	20.2	
72 2,3,4,6-Tetrachlorophenol	232	7.745	7.751	-0.006	85	9696	20.0	19.9	
73 Diethyl phthalate	149	7.845	7.851	-0.006	96	40049	20.0	20.8	
74 4-Chlorophenyl phenyl ether	204	7.951	7.951	0.000	70	17489	20.0	20.8	
75 Fluorene	166	7.951	7.957	-0.006	80	36645	20.0	20.4	
76 4-Nitroaniline	138	7.963	7.975	-0.012	87	10582	20.0	20.4	
77 4,6-Dinitro-2-methylphenol	198	7.992	8.004	-0.012	57	13989	40.0	42.9	
78 N-Nitrosodiphenylamine	169	8.057	8.063	-0.006	96	26627	20.0	19.9	
79 1,2-Diphenylhydrazine	77	8.098	8.104	-0.006	88	28360	20.0	19.7	
$ 80 2,4,6-Tribromophenol	330	8.175	8.181	-0.006	90	6958	20.0	20.3	
81 4-Bromophenyl phenyl ether	248	8.410	8.416	-0.006	87	10967	20.0	20.3	
83 Hexachlorobenzene	284	8.475	8.481	-0.006	94	12851	20.0	20.2	
84 Atrazine	200	8.557	8.563	-0.006	83	8713	16.0	16.4	
85 Pentachlorophenol	266	8.657	8.663	-0.006	89	16415	40.0	40.9	
86 Pentachloronitrobenzene	237	8.675	8.681	-0.006	83	5675	20.0	20.3	
87 n-Octadecane	57	8.733	8.739	-0.006	90	29340	20.0	19.8	
* 88 Phenanthrene-d10	188	8.833	8.839	-0.006	98	92024	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.857	8.863	-0.006	95	55546	20.0	20.1	
90 Anthracene	178	8.904	8.910	-0.006	98	57633	20.0	20.2	
91 Carbazole	167	9.051	9.057	-0.006	83	51174	20.0	20.1	
92 Di-n-butyl phthalate	149	9.381	9.386	-0.006	99	66135	20.0	20.3	
93 Fluoranthene	202	9.975	9.986	-0.011	98	60855	20.0	20.2	
94 Benzidine	184	10.098	10.104	-0.006	97	32411	20.0	19.1	
95 Pyrene	202	10.192	10.198	-0.006	97	62893	20.0	20.4	
82 Bisphenol-A	213	10.233	10.239	-0.006	91	30173	20.0	20.0	
$ 96 Terphenyl-d14	244	10.345	10.351	-0.006	98	41634	20.0	19.6	
97 Butyl benzyl phthalate	149	10.851	10.857	-0.006	91	27720	20.0	20.0	
99 Carbamazepine	193	10.963	10.975	-0.011	87	25865	20.0	20.4	
100 3,3'-Dichlorobenzidine	252	11.439	11.451	-0.012	99	22981	20.0	20.5	
101 Benzo[a]anthracene	228	11.469	11.480	-0.011	98	58218	20.0	20.0	
* 102 Chrysene-d12	240	11.480	11.492	-0.012	97	81948	40.0	40.0	
103 Chrysene	228	11.510	11.522	-0.012	94	55863	20.0	20.2	
104 Bis(2-ethylhexyl) phthalate	149	11.522	11.527	-0.005	79	41105	20.0	20.4	
105 Di-n-octyl phthalate	149	12.369	12.374	-0.005	92	69838	20.0	20.4	
106 Benzo[b]fluoranthene	252	12.874	12.886	-0.012	96	62518	20.0	21.0	
107 Benzo[k]fluoranthene	252	12.910	12.927	-0.017	99	62982	20.0	21.1	
108 Benzo[a]pyrene	252	13.333	13.345	-0.012	96	53110	20.0	20.8	
* 109 Perylene-d12	264	13.416	13.427	-0.011	98	97051	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.027	15.051	-0.024	99	62944	20.0	20.1	
111 Dibenz(a,h)anthracene	278	15.068	15.092	-0.024	95	61885	20.0	20.7	
112 Benzo[g,h,i]perylene	276	15.486	15.515	-0.029	90	62290	20.0	20.4	
S 119 Total Cresols	1				0			38.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L6_00001 Amount Added: 1.00 Units: mL

Report Date: 26-Aug-2020 06:38:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28526.d

Injection Date: 25-Aug-2020 13:24:30 Instrument ID: CBNAMS5 Operator ID:

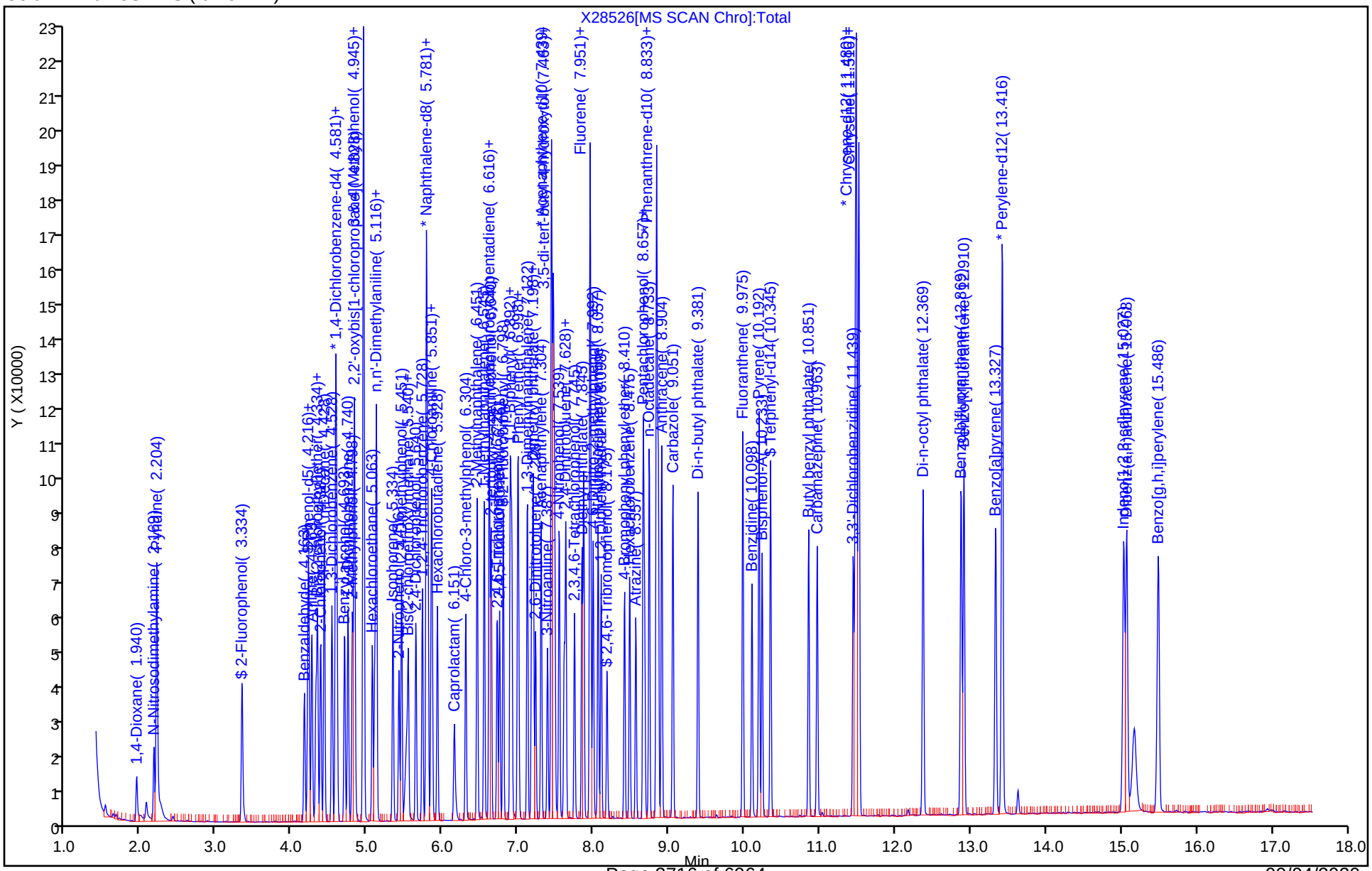
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

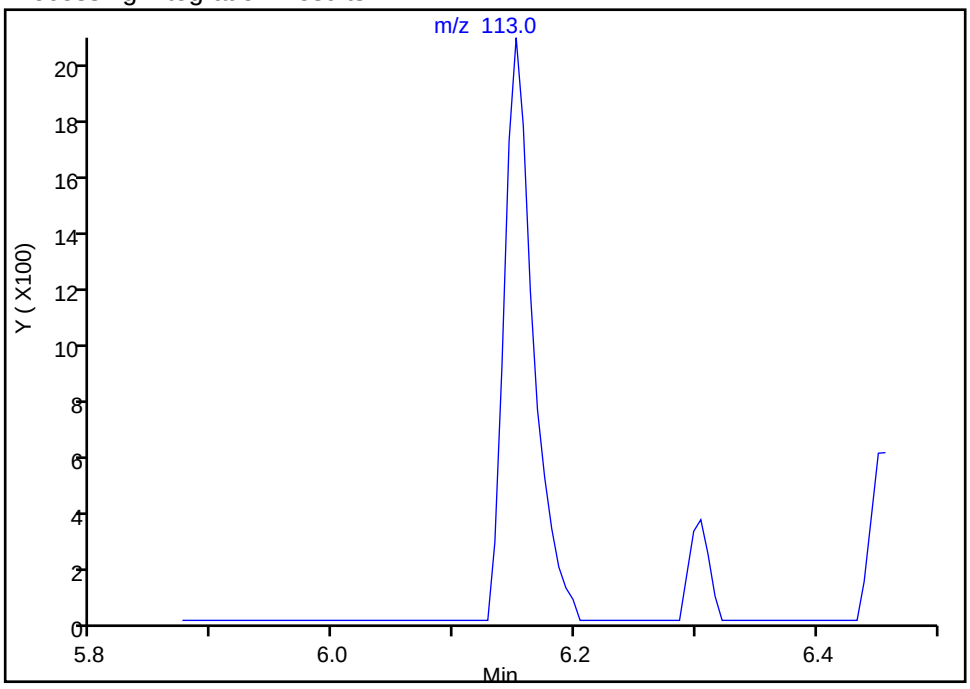
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28526.d
Injection Date: 25-Aug-2020 13:24:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

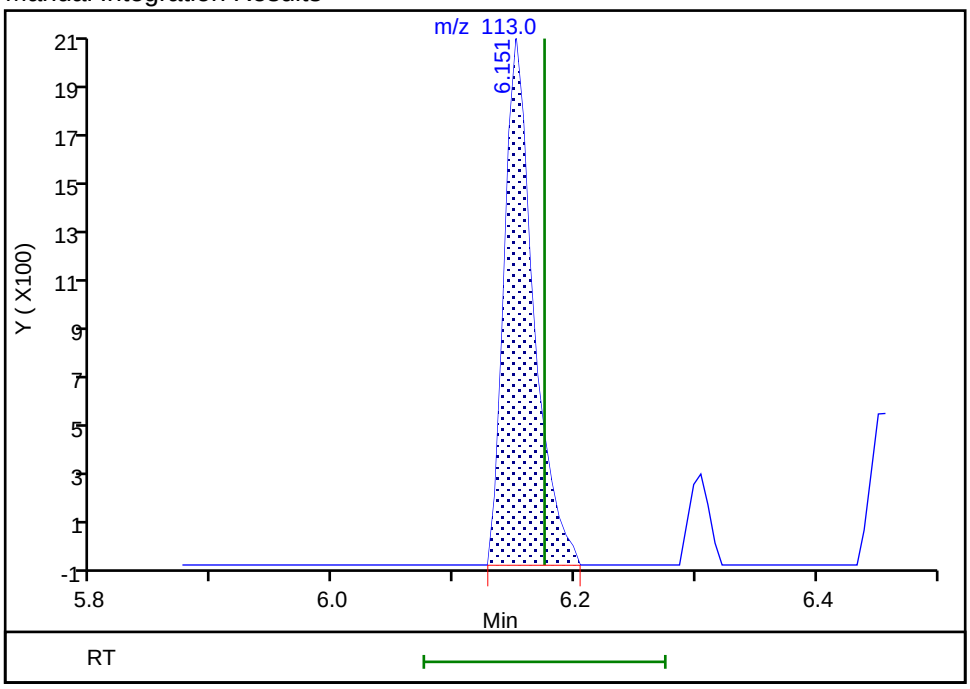
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.15
Area: 3465
Amount: 16.557640
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:55:57
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

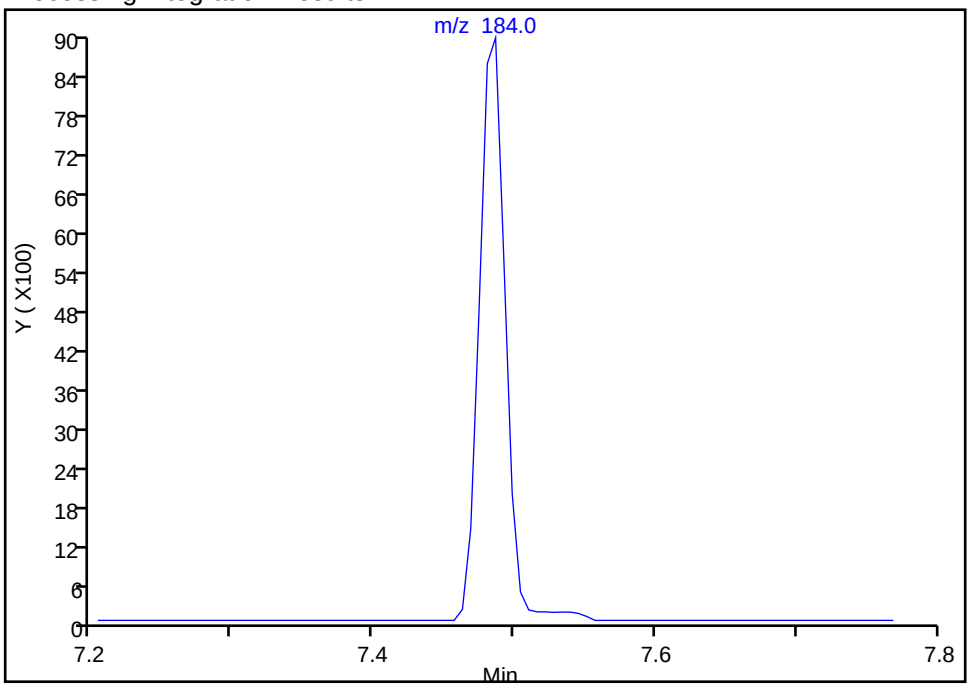
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28526.d
Injection Date: 25-Aug-2020 13:24:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

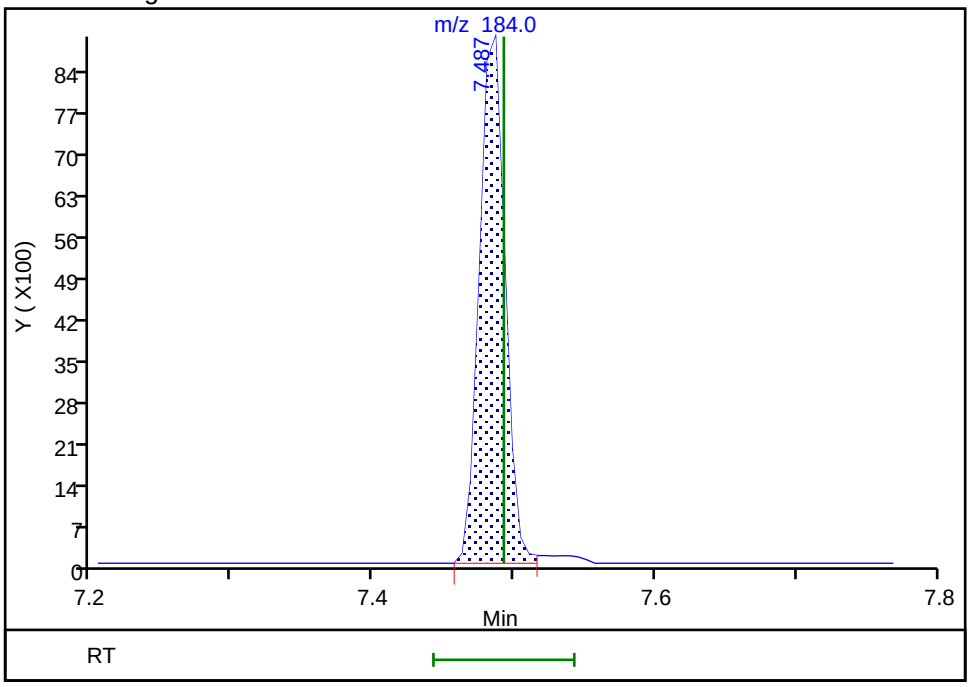
Not Detected
Expected RT: 7.49

Processing Integration Results



Manual Integration Results

RT: 7.49
Area: 11367
Amount: 40.450101
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 13:56:02
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28527.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 25-Aug-2020 13:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:07 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 14:10:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.940	1.934	0.006	81	2319	10.0	9.92	
2 N-Nitrosodimethylamine	74	2.169	2.163	0.006	54	3727	10.0	9.83	
3 Pyridine	79	2.204	2.199	0.005	64	14059	20.0	20.7	
$ 4 2-Fluorophenol	112	3.334	3.334	0.000	92	7919	10.0	9.84	
5 Benzaldehyde	77	4.163	4.163	0.000	79	5466	10.0	9.63	
$ 6 Phenol-d5	99	4.210	4.216	-0.006	89	8973	10.0	9.60	
7 Phenol	94	4.222	4.228	-0.006	92	9514	10.0	9.78	
8 Aniline	93	4.263	4.263	0.000	11	11635	10.0	10.0	
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	83	7246	10.0	10.4	
10 Benzonitrile	103	4.334	4.340	-0.006	92	14589	NC	NC	
11 2-Chlorophenol	128	4.381	4.381	0.000	89	9338	10.0	9.99	
12 n-Decane	43	4.428	4.428	0.000	93	14873	10.0	10.3	
13 1,3-Dichlorobenzene	146	4.528	4.528	0.000	94	10064	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	95	25112	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.593	4.593	-0.001	85	10417	10.0	10.3	
16 Benzyl alcohol	108	4.693	4.698	-0.006	86	5196	10.0	9.71	
17 1,2-Dichlorobenzene	146	4.740	4.740	0.000	89	9552	10.0	10.0	
18 2-Methylphenol	108	4.798	4.804	-0.006	83	7291	10.0	9.91	
19 2,2'-oxybis[1-chloropropane]	45	4.828	4.834	-0.006	60	19214	10.0	9.98	
20 N-Methylaniline	106	4.940	4.945	-0.005	67	12336	10.0	9.74	
24 4-Methylphenol	108	4.945	4.951	-0.006	71	8541	10.0	9.94	
23 3 & 4 Methylphenol	108	4.945	4.951	-0.006	68	8541	10.0	9.94	
21 Acetophenone	105	4.951	4.957	-0.006	74	11948	10.0	10.1	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	87	5383	10.0	10.9	
25 Hexachloroethane	117	5.063	5.063	0.000	89	3889	10.0	10.9	
$ 26 Nitrobenzene-d5	82	5.092	5.098	-0.006	90	8042	10.0	10.4	
27 n,n'-Dimethylaniline	120	5.116	5.122	-0.006	76	12357	10.0	9.40	
28 Nitrobenzene	123	5.116	5.122	-0.006	76	4326	10.0	10.5	
31 Isophorone	82	5.334	5.345	-0.011	90	13245	10.0	10.2	
32 2-Nitrophenol	139	5.416	5.422	-0.006	84	4752	10.0	9.96	
33 2,4-Dimethylphenol	122	5.451	5.457	-0.006	60	7800	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.540	5.545	-0.005	88	8632	10.0	10.3	
35 Benzoic acid	122	5.504	5.563	-0.059	74	4514	10.0	9.90	
36 2,4-Dichlorophenol	162	5.639	5.645	-0.006	92	7151	10.0	10.1	
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	92	8284	10.0	10.8	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	98	99176	40.0	40.0	
39 Naphthalene	128	5.798	5.804	-0.006	98	26327	10.0	10.4	
40 4-Chloroaniline	127	5.845	5.851	-0.006	81	11088	10.0	10.1	
130 2,6-Dichlorophenol	162	5.857	5.863	-0.006	87	7413	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	88	4632	10.0	10.2	
42 Caprolactam	113	6.145	6.175	-0.030	76	2044	10.0	10.3	Ma
43 4-Chloro-3-methylphenol	107	6.298	6.304	-0.006	86	6762	10.0	9.95	
44 2-Methylnaphthalene	142	6.451	6.457	-0.006	79	18017	10.0	10.4	
45 1-Methylnaphthalene	142	6.545	6.551	-0.006	81	16739	10.0	10.4	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	71	5524	10.0	10.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.616	6.622	-0.006	93	7824	10.0	10.4	
48 2-tertbutyl-4-methylphenol	149	6.639	6.645	-0.006	79	10440	10.0	9.82	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	84	5193	10.0	10.4	
50 2,4,5-Trichlorophenol	196	6.751	6.757	-0.006	81	5932	10.0	10.3	
$ 51 2-Fluorobiphenyl	172	6.798	6.804	-0.006	94	17747	10.0	10.0	
52 1,1'-Biphenyl	154	6.892	6.898	-0.006	95	20924	10.0	10.5	
53 2-Chloronaphthalene	162	6.910	6.916	-0.006	95	16299	10.0	10.7	
54 Phenyl ether	170	6.992	6.998	-0.006	78	10003	10.0	9.93	
56 2-Nitroaniline	65	6.998	7.010	-0.012	77	5529	10.0	10.4	
57 1,3-Dimethylnaphthalene	156	7.116	7.122	-0.006	88	12042	10.0	10.2	
58 Dimethyl phthalate	163	7.175	7.187	-0.011	98	19183	10.0	10.7	
59 Coumarin	146	7.198	7.204	-0.006	73	6188	10.0	10.1	
60 2,6-Dinitrotoluene	165	7.228	7.239	-0.011	5	4004	10.0	10.3	
61 Acenaphthylene	152	7.304	7.310	-0.006	96	24084	10.0	10.3	
64 3-Nitroaniline	138	7.386	7.392	-0.006	91	4636	10.0	9.97	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	95	48292	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.457	7.463	-0.006	88	13414	10.0	10.1	
67 Acenaphthene	154	7.469	7.475	-0.006	86	17891	10.0	10.5	
68 2,4-Dinitrophenol	184	7.481	7.492	-0.011	61	5131	20.0	20.1	
69 4-Nitrophenol	65	7.539	7.551	-0.012	84	7148	20.0	21.0	
70 2,4-Dinitrotoluene	165	7.610	7.616	-0.006	88	5697	10.0	10.6	
71 Dibenzofuran	168	7.628	7.634	-0.006	86	22174	10.0	10.5	
72 2,3,4,6-Tetrachlorophenol	232	7.745	7.751	-0.006	81	4797	10.0	10.3	
73 Diethyl phthalate	149	7.839	7.851	-0.012	95	19129	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	7.951	7.951	0.000	69	8360	10.0	10.4	
75 Fluorene	166	7.951	7.957	-0.006	79	17916	10.0	10.4	
76 4-Nitroaniline	138	7.957	7.975	-0.018	66	5192	10.0	10.5	
77 4,6-Dinitro-2-methylphenol	198	7.992	8.004	-0.012	63	6384	20.0	20.5	
78 N-Nitrosodiphenylamine	169	8.057	8.063	-0.006	97	13648	10.0	10.7	
79 1,2-Diphenylhydrazine	77	8.098	8.104	-0.006	89	14114	10.0	10.2	
$ 80 2,4,6-Tribromophenol	330	8.175	8.181	-0.006	72	3153	10.0	9.63	
81 4-Bromophenyl phenyl ether	248	8.410	8.416	-0.006	85	5339	10.0	10.4	
83 Hexachlorobenzene	284	8.475	8.481	-0.006	86	6445	10.0	10.6	
84 Atrazine	200	8.557	8.563	-0.006	77	5140	10.0	10.1	
85 Pentachlorophenol	266	8.657	8.663	-0.006	85	7757	20.0	20.2	
86 Pentachloronitrobenzene	237	8.675	8.681	-0.006	77	2712	10.0	10.2	
87 n-Octadecane	57	8.733	8.739	-0.006	83	14183	10.0	10.0	
* 88 Phenanthrene-d10	188	8.833	8.839	-0.006	98	87961	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.857	8.863	-0.006	96	27630	10.0	10.5	
90 Anthracene	178	8.904	8.910	-0.006	96	27978	10.0	10.3	
91 Carbazole	167	9.051	9.057	-0.006	83	25306	10.0	10.4	
92 Di-n-butyl phthalate	149	9.386	9.386	0.000	98	32166	10.0	10.3	
93 Fluoranthene	202	9.975	9.986	-0.012	98	29984	10.0	10.4	
94 Benzidine	184	10.098	10.104	-0.006	94	16481	10.0	10.1	
95 Pyrene	202	10.192	10.198	-0.006	97	30593	10.0	10.4	
82 Bisphenol-A	213	10.233	10.239	-0.006	82	14649	10.0	10.2	
$ 96 Terphenyl-d14	244	10.345	10.351	-0.006	96	20191	10.0	9.99	
97 Butyl benzyl phthalate	149	10.851	10.857	-0.006	90	13706	10.0	10.4	
99 Carbamazepine	193	10.963	10.975	-0.011	89	11669	10.0	9.67	
100 3,3'-Dichlorobenzidine	252	11.439	11.451	-0.012	96	11107	10.0	10.4	
101 Benzo[a]anthracene	228	11.469	11.480	-0.011	97	29322	10.0	10.6	
* 102 Chrysene-d12	240	11.480	11.492	-0.012	98	78031	40.0	40.0	
103 Chrysene	228	11.510	11.522	-0.012	95	27685	10.0	10.5	
104 Bis(2-ethylhexyl) phthalate	149	11.521	11.527	-0.006	72	19703	10.0	10.3	
105 Di-n-octyl phthalate	149	12.368	12.374	-0.006	89	34074	10.0	10.5	
106 Benzo[b]fluoranthene	252	12.868	12.886	-0.018	96	29086	10.0	10.3	
107 Benzo[k]fluoranthene	252	12.904	12.927	-0.023	98	31610	10.0	11.2	
108 Benzo[a]pyrene	252	13.327	13.345	-0.018	95	25949	10.0	10.7	
* 109 Perylene-d12	264	13.415	13.427	-0.012	98	92208	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.021	15.051	-0.030	92	31855	10.0	10.7	
111 Dibenz(a,h)anthracene	278	15.062	15.092	-0.030	94	30584	10.0	10.8	
112 Benzo[g,h,i]perylene	276	15.480	15.515	-0.035	85	30520	10.0	10.5	
S 119 Total Cresols	1				0			19.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L5_00001 Amount Added: 1.00 Units: mL

Report Date: 26-Aug-2020 06:38:08 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28527.d

Injection Date: 25-Aug-2020 13:47:30 Instrument ID: CBNAMS5 Operator ID:

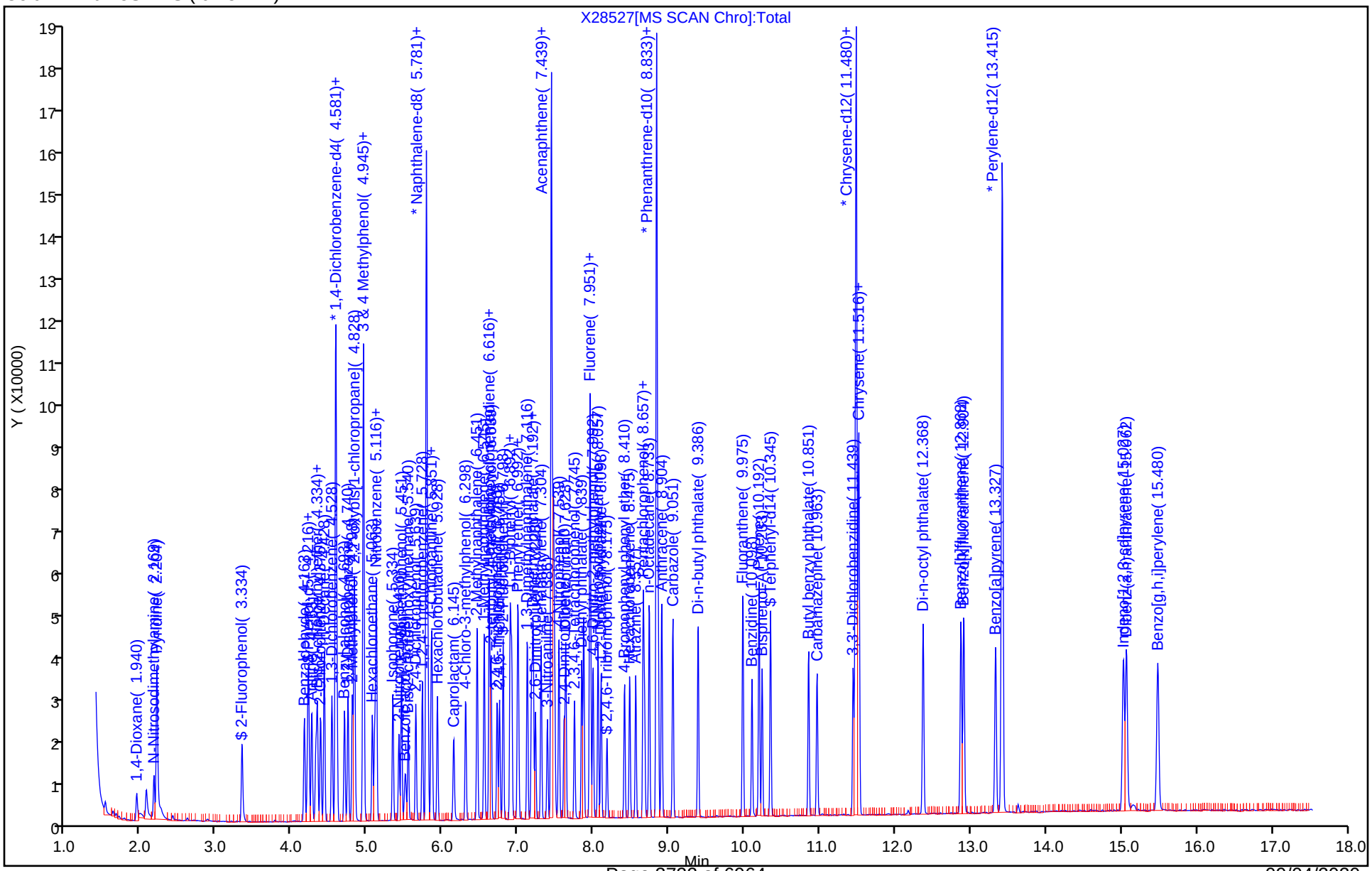
Lims ID: STD10 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

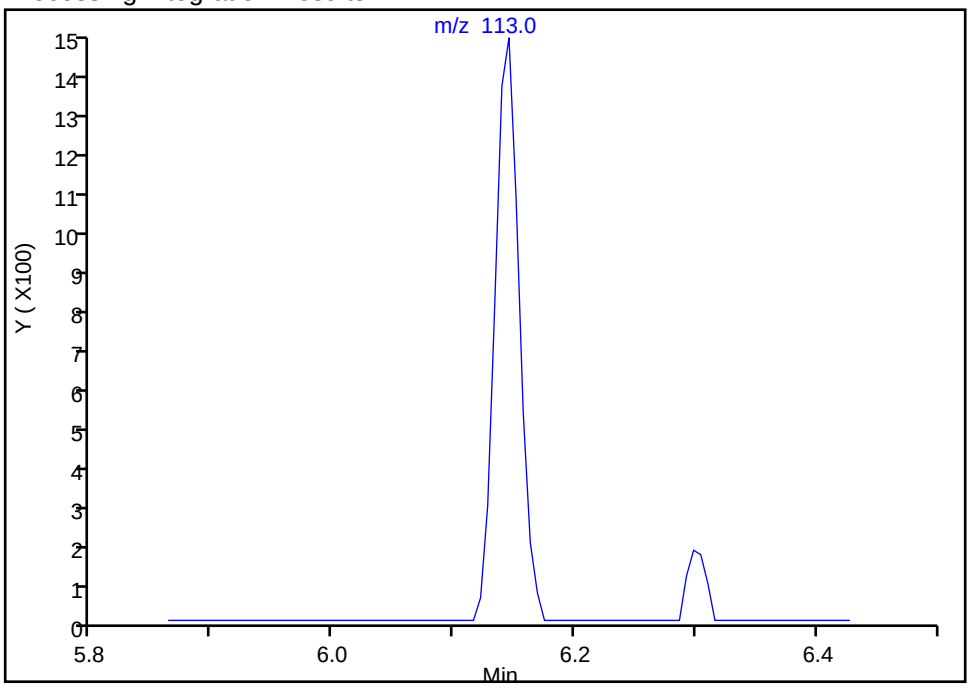
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28527.d
Injection Date: 25-Aug-2020 13:47:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

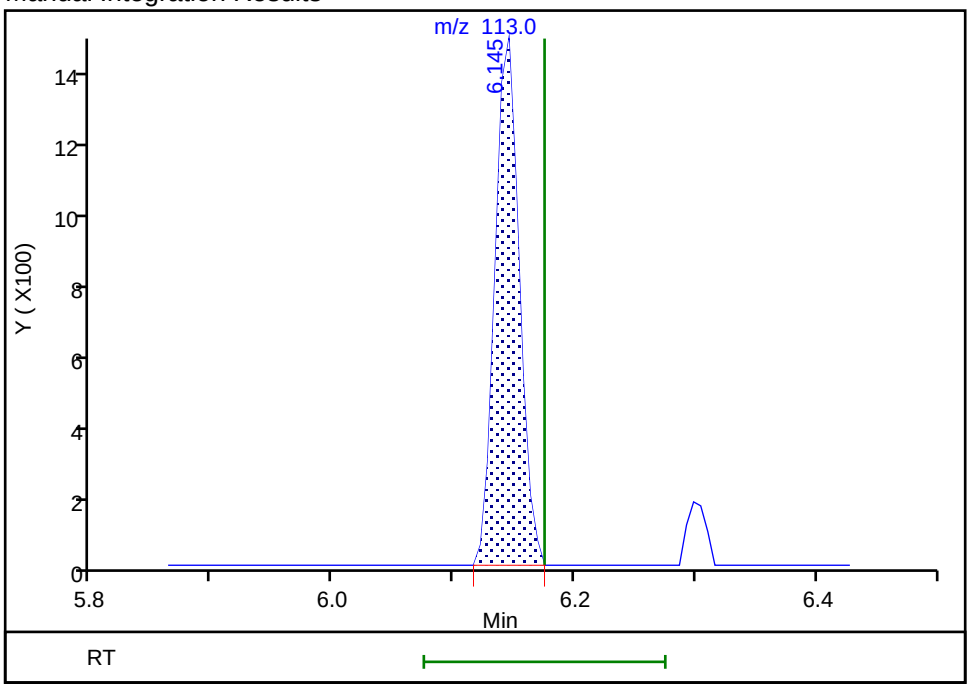
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.15
Area: 2044
Amount: 10.283002
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 14:10:26
Audit Action: Manually Integrated Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28528.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 25-Aug-2020 14:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:14 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 14:32:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.940	1.934	0.006	70	1286	5.00	5.03	
2 N-Nitrosodimethylamine	74	2.169	2.163	0.006	50	2130	5.00	5.14	
3 Pyridine	79	2.210	2.199	0.011	62	7190	10.0	9.70	
$ 4 2-Fluorophenol	112	3.334	3.334	0.000	88	4476	5.00	5.09	
5 Benzaldehyde	77	4.163	4.163	0.000	78	3262	5.00	5.26	
$ 6 Phenol-d5	99	4.204	4.216	-0.012	92	4969	5.00	4.87	
7 Phenol	94	4.222	4.228	-0.006	89	5147	5.00	4.84	
8 Aniline	93	4.257	4.263	-0.006	17	6563	5.00	5.17	
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	79	4030	5.00	5.30	
10 Benzonitrile	103	4.334	4.340	-0.006	86	8727	NC	NC	
11 2-Chlorophenol	128	4.375	4.381	-0.006	87	5219	5.00	5.11	
12 n-Decane	43	4.428	4.428	0.000	92	8193	5.00	5.19	
13 1,3-Dichlorobenzene	146	4.528	4.528	0.000	92	5484	5.00	5.07	
* 14 1,4-Dichlorobenzene-d4	152	4.575	4.581	-0.006	94	27433	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.593	4.593	0.000	91	5737	5.00	5.19	
16 Benzyl alcohol	108	4.693	4.698	-0.005	87	2995	5.00	5.12	
17 1,2-Dichlorobenzene	146	4.740	4.740	0.000	94	5270	5.00	5.05	
18 2-Methylphenol	108	4.798	4.804	-0.006	81	4136	5.00	5.14	
19 2,2'-oxybis[1-chloropropane]	45	4.828	4.834	-0.006	87	11150	5.00	5.30	
20 N-Methylaniline	106	4.940	4.945	-0.005	66	6716	5.00	4.85	
24 4-Methylphenol	108	4.940	4.951	-0.011	71	4706	5.00	5.02	
23 3 & 4 Methylphenol	108	4.940	4.951	-0.011	69	4706	5.00	5.02	
21 Acetophenone	105	4.951	4.957	-0.006	75	6820	5.00	5.30	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	84	2974	5.00	5.51	
25 Hexachloroethane	117	5.063	5.063	0.000	84	2120	5.00	5.45	
$ 26 Nitrobenzene-d5	82	5.093	5.098	-0.005	86	4623	5.00	5.18	
28 Nitrobenzene	123	5.110	5.122	-0.012	78	2401	5.00	5.34	
27 n,n'-Dimethylaniline	120	5.116	5.122	-0.006	76	7270	5.00	5.06	
31 Isophorone	82	5.334	5.345	-0.011	89	7624	5.00	5.11	
32 2-Nitrophenol	139	5.416	5.422	-0.006	80	2779	5.00	5.06	
33 2,4-Dimethylphenol	122	5.451	5.457	-0.006	60	4605	5.00	5.25	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.540	5.545	-0.005	83	4893	5.00	5.05	
35 Benzoic acid	122	5.493	5.563	-0.070	60	1935	5.00	5.00	
36 2,4-Dichlorophenol	162	5.640	5.645	-0.005	86	4185	5.00	5.15	
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	85	4377	5.00	4.94	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	98	114276	40.0	40.0	
39 Naphthalene	128	5.798	5.804	-0.006	79	15134	5.00	5.18	
40 4-Chloroaniline	127	5.845	5.851	-0.006	83	6392	5.00	5.07	
130 2,6-Dichlorophenol	162	5.857	5.863	-0.006	88	4282	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	79	2662	5.00	5.08	
42 Caprolactam	113	6.140	6.175	-0.035	70	1258	5.00	5.49	M
43 4-Chloro-3-methylphenol	107	6.298	6.304	-0.006	81	4023	5.00	5.14	
44 2-Methylnaphthalene	142	6.451	6.457	-0.006	80	10127	5.00	5.09	
45 1-Methylnaphthalene	142	6.545	6.551	-0.006	75	9653	5.00	5.19	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	66	3118	5.00	4.82	
47 1,2,4,5-Tetrachlorobenzene	216	6.616	6.622	-0.006	89	4524	5.00	5.11	
48 2-tertbutyl-4-methylphenol	149	6.640	6.645	-0.005	77	6165	5.00	5.03	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	80	2987	5.00	5.05	
50 2,4,5-Trichlorophenol	196	6.751	6.757	-0.006	75	3529	5.00	5.17	
$ 51 2-Fluorobiphenyl	172	6.798	6.804	-0.006	90	10304	5.00	4.93	
52 1,1'-Biphenyl	154	6.892	6.898	-0.006	93	11930	5.00	5.07	
53 2-Chloronaphthalene	162	6.910	6.916	-0.006	93	9119	5.00	5.07	
54 Phenyl ether	170	6.992	6.998	-0.006	75	6030	5.00	5.07	
56 2-Nitroaniline	65	6.998	7.010	-0.012	72	3211	5.00	5.13	
57 1,3-Dimethylnaphthalene	156	7.116	7.122	-0.006	87	6819	5.00	4.87	
58 Dimethyl phthalate	163	7.175	7.187	-0.011	96	10979	5.00	5.16	
59 Coumarin	146	7.198	7.204	-0.006	72	3645	5.00	5.18	
60 2,6-Dinitrotoluene	165	7.228	7.239	-0.011	0	2454	5.00	5.33	
61 Acenaphthylene	152	7.304	7.310	-0.006	93	13923	5.00	5.06	
64 3-Nitroaniline	138	7.387	7.392	-0.005	88	2774	5.00	5.05	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	96	57008	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.457	7.463	-0.006	62	7962	5.00	5.05	
67 Acenaphthene	154	7.469	7.475	-0.006	70	10073	5.00	5.02	
68 2,4-Dinitrophenol	184	7.481	7.492	-0.011	47	2654	10.0	9.90	
69 4-Nitrophenol	65	7.539	7.551	-0.012	83	4102	10.0	10.2	
70 2,4-Dinitrotoluene	165	7.604	7.616	-0.012	81	3183	5.00	5.03	a
71 Dibenzofuran	168	7.628	7.634	-0.006	85	12710	5.00	5.10	
72 2,3,4,6-Tetrachlorophenol	232	7.745	7.751	-0.006	80	2722	5.00	4.96	
73 Diethyl phthalate	149	7.839	7.851	-0.012	88	11122	5.00	5.12	
74 4-Chlorophenyl phenyl ether	204	7.951	7.951	0.000	65	4943	5.00	5.21	
75 Fluorene	166	7.951	7.957	-0.006	78	10179	5.00	5.02	
76 4-Nitroaniline	138	7.957	7.975	-0.018	69	2924	5.00	5.00	
77 4,6-Dinitro-2-methylphenol	198	7.992	8.004	-0.012	58	3556	10.0	9.61	
78 N-Nitrosodiphenylamine	169	8.057	8.063	-0.006	96	7739	5.00	5.10	
79 1,2-Diphenylhydrazine	77	8.098	8.104	-0.006	88	8321	5.00	5.08	
$ 80 2,4,6-Tribromophenol	330	8.175	8.181	-0.006	53	1975	5.00	5.11	
81 4-Bromophenyl phenyl ether	248	8.410	8.416	-0.006	77	3123	5.00	5.10	
83 Hexachlorobenzene	284	8.475	8.481	-0.006	78	3851	5.00	5.33	
84 Atrazine	200	8.557	8.563	-0.006	70	3041	5.00	5.05	
85 Pentachlorophenol	266	8.657	8.663	-0.006	82	4618	10.0	10.1	
86 Pentachloronitrobenzene	237	8.675	8.681	-0.006	69	1563	5.00	4.93	
87 n-Octadecane	57	8.734	8.739	-0.005	77	8510	5.00	5.06	
* 88 Phenanthrene-d10	188	8.834	8.839	-0.005	98	104462	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.851	8.863	-0.012	91	16162	5.00	5.16	
90 Anthracene	178	8.898	8.910	-0.012	94	16520	5.00	5.11	
91 Carbazole	167	9.051	9.057	-0.006	78	15038	5.00	5.21	
92 Di-n-butyl phthalate	149	9.381	9.386	-0.005	96	19123	5.00	5.16	
93 Fluoranthene	202	9.975	9.986	-0.011	98	17399	5.00	5.09	
94 Benzidine	184	10.098	10.104	-0.006	91	9933	5.00	5.15	
95 Pyrene	202	10.192	10.198	-0.006	97	18221	5.00	5.14	
82 Bisphenol-A	213	10.233	10.239	-0.006	81	8455	5.00	4.88	
$ 96 Terphenyl-d14	244	10.345	10.351	-0.006	93	12505	5.00	5.12	
97 Butyl benzyl phthalate	149	10.851	10.857	-0.006	86	7821	5.00	4.91	
99 Carbamazepine	193	10.963	10.975	-0.011	78	6675	5.00	4.58	
100 3,3'-Dichlorobenzidine	252	11.439	11.451	-0.012	82	6301	5.00	4.89	
101 Benzo[a]anthracene	228	11.469	11.480	-0.011	68	17204	5.00	5.13	
* 102 Chrysene-d12	240	11.480	11.492	-0.012	98	94233	40.0	40.0	
103 Chrysene	228	11.510	11.522	-0.012	90	16657	5.00	5.24	
104 Bis(2-ethylhexyl) phthalate	149	11.516	11.527	-0.011	65	11395	5.00	4.91	
105 Di-n-octyl phthalate	149	12.369	12.374	-0.005	82	19354	5.00	4.87	
106 Benzo[b]fluoranthene	252	12.869	12.886	-0.017	92	16824	5.00	4.87	
107 Benzo[k]fluoranthene	252	12.904	12.927	-0.023	94	18723	5.00	5.41	
108 Benzo[a]pyrene	252	13.327	13.345	-0.018	93	15177	5.00	5.13	
* 109 Perylene-d12	264	13.421	13.427	-0.006	98	112776	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.021	15.051	-0.030	98	17782	5.00	4.88	
111 Dibenz(a,h)anthracene	278	15.063	15.092	-0.029	92	17758	5.00	5.12	
112 Benzo[g,h,i]perylene	276	15.480	15.515	-0.035	82	17667	5.00	4.98	
S 119 Total Cresols	1				0			10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00001 Amount Added: 1.00 Units: mL

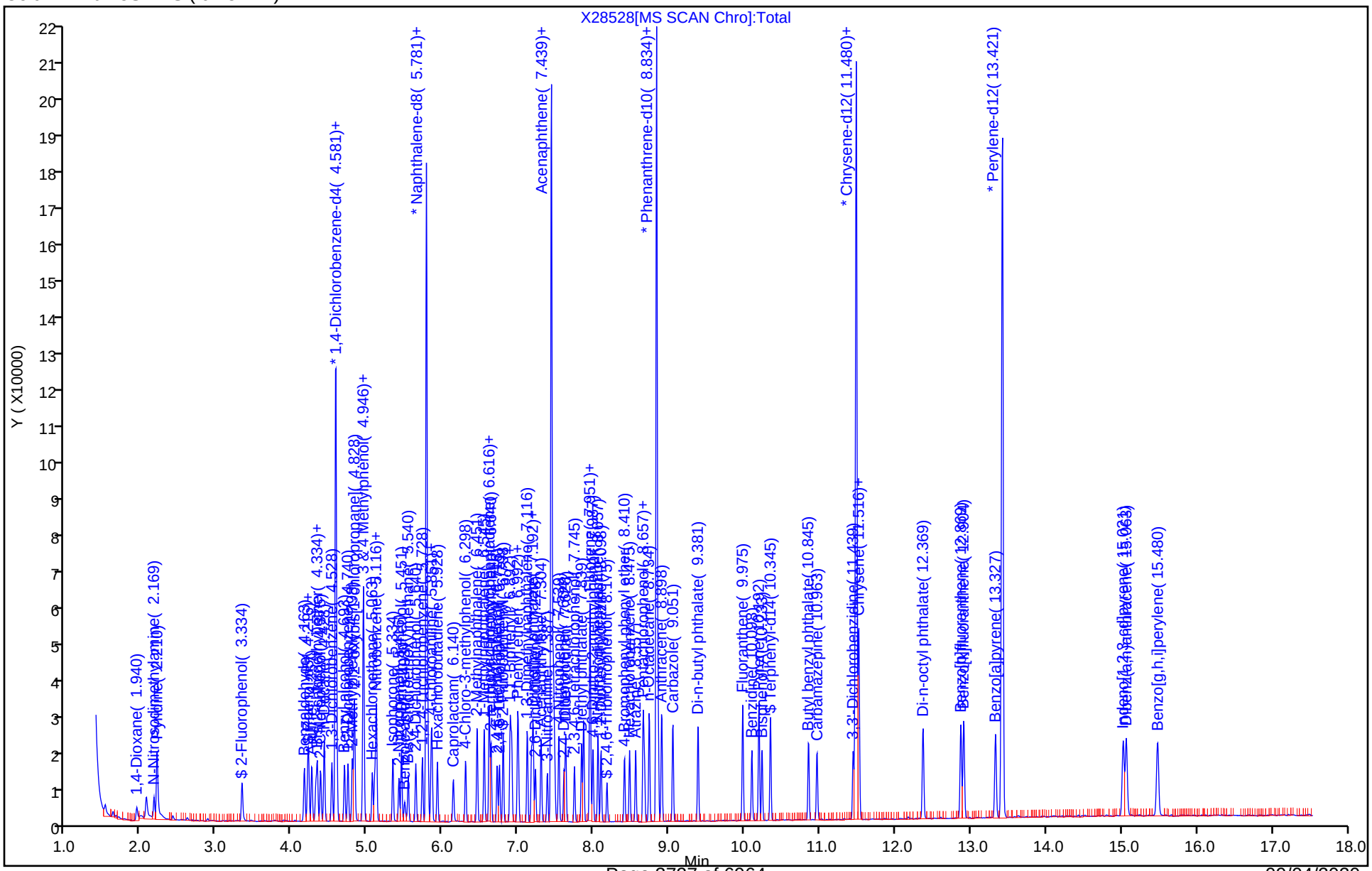
Report Date: 26-Aug-2020 06:38:15 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28528.d

Injection Date:	25-Aug-2020 14:11:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

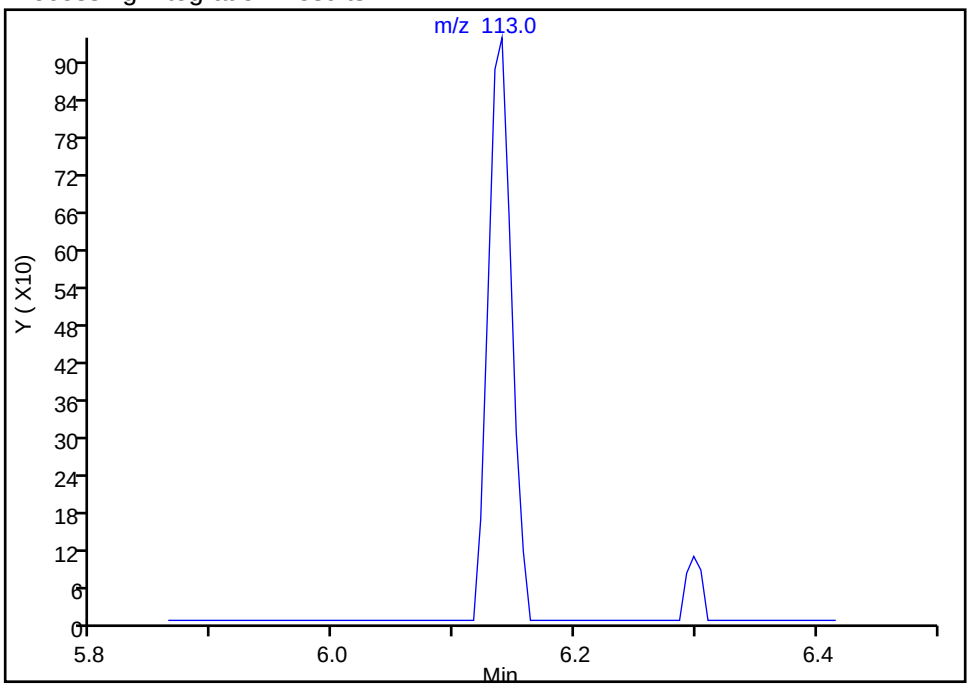
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28528.d
Injection Date: 25-Aug-2020 14:11:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

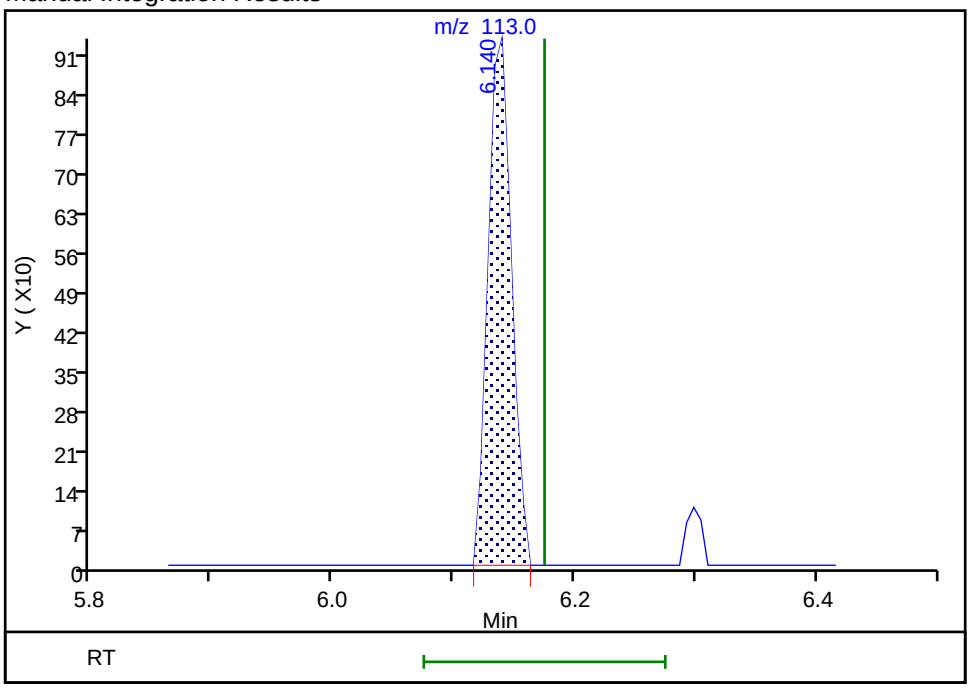
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.14
Area: 1258
Amount: 5.492515
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 14:31:31
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

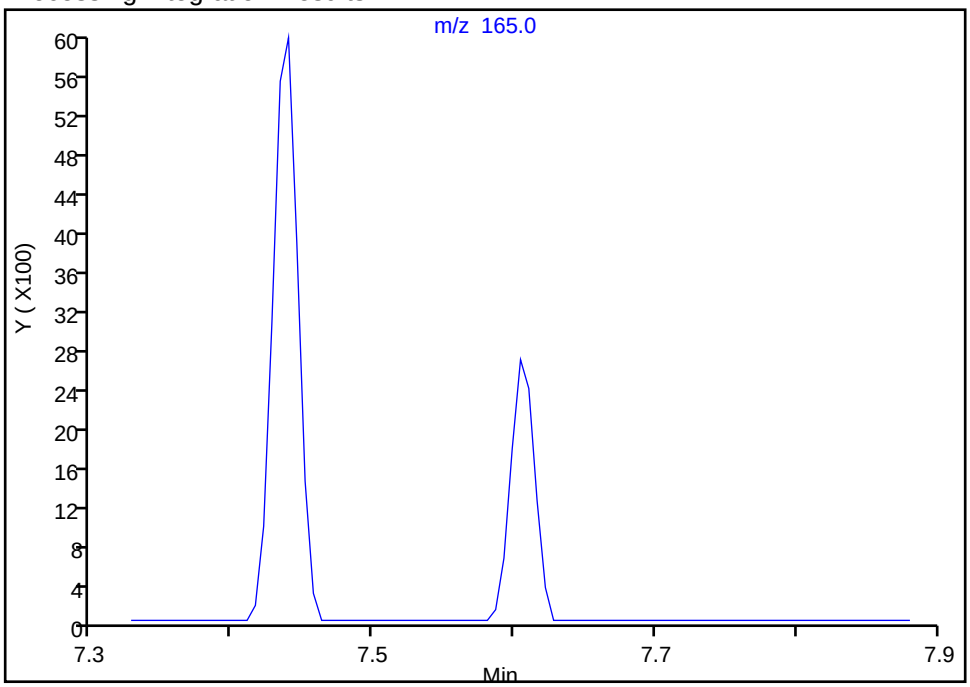
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28528.d
Injection Date: 25-Aug-2020 14:11:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

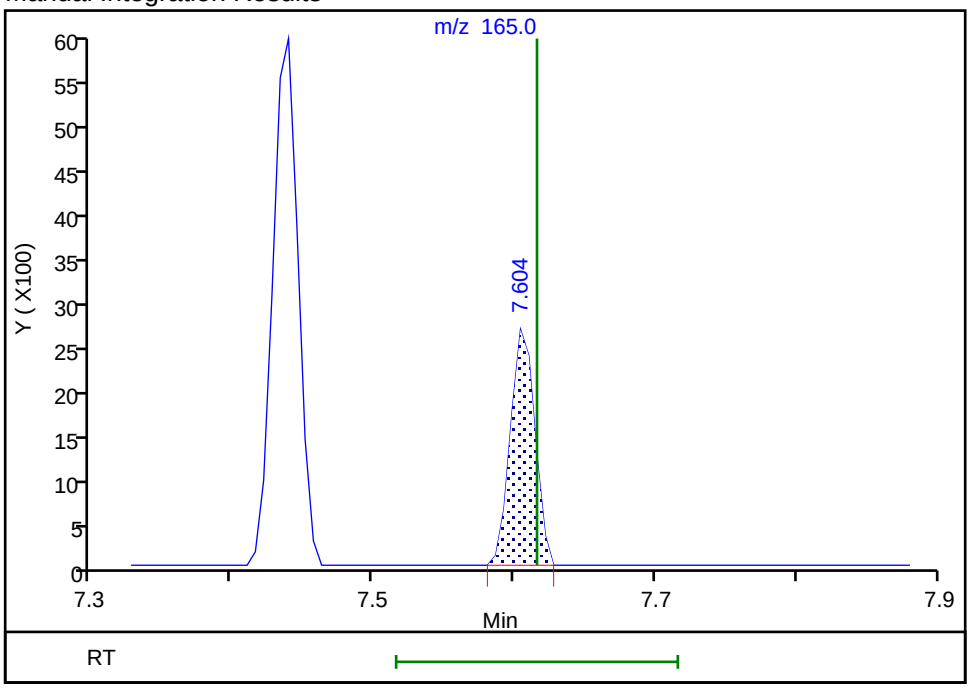
Not Detected
Expected RT: 7.62

Processing Integration Results



Manual Integration Results

RT: 7.60
Area: 3183
Amount: 5.027437
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 14:31:36
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28529.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 25-Aug-2020 14:35:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:20 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 14:58:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.940	1.934	0.006	68	457	2.00	2.15	
$ 4 2-Fluorophenol	112	3.334	3.334	0.000	70	1476	2.00	2.02	
5 Benzaldehyde	77	4.163	4.163	0.000	64	1067	2.00	2.07	
$ 6 Phenol-d5	99	4.204	4.216	-0.012	75	1763	2.00	2.08	
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	62	1216	2.00	1.92	
* 14 1,4-Dichlorobenzene-d4	152	4.575	4.581	-0.006	95	22819	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	77	872	2.00	1.94	
25 Hexachloroethane	117	5.063	5.063	0.000	74	688	2.00	2.13	
$ 26 Nitrobenzene-d5	82	5.093	5.098	-0.006	60	1506	2.00	2.02	
27 n,n'-Dimethylaniline	120	5.116	5.122	-0.006	69	2442	2.00	2.04	
28 Nitrobenzene	123	5.116	5.122	-0.006	64	704	2.00	1.88	
31 Isophorone	82	5.334	5.345	-0.011	73	2474	2.00	1.99	
36 2,4-Dichlorophenol	162	5.640	5.645	-0.005	56	1212	2.00	1.79	
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	56	1433	2.00	1.94	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	99	95238	40.0	40.0	
130 2,6-Dichlorophenol	162	5.857	5.863	-0.006	59	1328	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	54	921	2.00	2.11	
42 Caprolactam	113	6.134	6.175	-0.041	51	310	2.00	1.62	M
49 2,4,6-Trichlorophenol	196	6.716	6.722	-0.006	35	864	2.00	1.79	
$ 51 2-Fluorobiphenyl	172	6.798	6.804	-0.006	71	3511	2.00	2.06	
60 2,6-Dinitrotoluene	165	7.228	7.239	-0.011	1	753	2.00	2.01	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	96	46490	40.0	40.0	
68 2,4-Dinitrophenol	184	7.481	7.492	-0.011	26	565	4.00	4.01	
70 2,4-Dinitrotoluene	165	7.604	7.616	-0.012	45	1020	2.00	1.98	a
77 4,6-Dinitro-2-methylphenol	198	7.992	8.004	-0.012	29	928	4.00	3.09	
$ 80 2,4,6-Tribromophenol	330	8.175	8.181	-0.006	1	594	2.00	1.88	
83 Hexachlorobenzene	284	8.475	8.481	-0.006	50	1211	2.00	2.07	
84 Atrazine	200	8.557	8.563	-0.006	30	1008	2.00	2.06	
85 Pentachlorophenol	266	8.657	8.663	-0.006	47	1297	4.00	3.51	
* 88 Phenanthrene-d10	188	8.833	8.839	-0.006	98	84735	40.0	40.0	
$ 96 Terphenyl-d14	244	10.345	10.351	-0.006	62	4186	2.00	2.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 3,3'-Dichlorobenzidine	252	11.439	11.451	-0.012	32	2024	2.00	1.90	
101 Benzo[a]anthracene	228	11.469	11.480	-0.011	39	5291	2.00	1.91	
* 102 Chrysene-d12	240	11.480	11.492	-0.012	99	77870	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.868	12.886	-0.018	87	5536	2.00	1.96	
107 Benzo[k]fluoranthene	252	12.904	12.927	-0.023	83	5494	2.00	1.94	
108 Benzo[a]pyrene	252	13.327	13.345	-0.018	88	4624	2.00	1.91	
* 109 Perylene-d12	264	13.415	13.427	-0.012	98	92297	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.021	15.051	-0.030	83	5668	2.00	1.90	
111 Dibenz(a,h)anthracene	278	15.062	15.092	-0.030	67	5750	2.00	2.03	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L3_00001 Amount Added: 1.00 Units: mL

Report Date: 26-Aug-2020 06:38:21 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28529.d

Injection Date: 25-Aug-2020 14:35:30 Instrument ID: CBNAMS5 Operator ID:

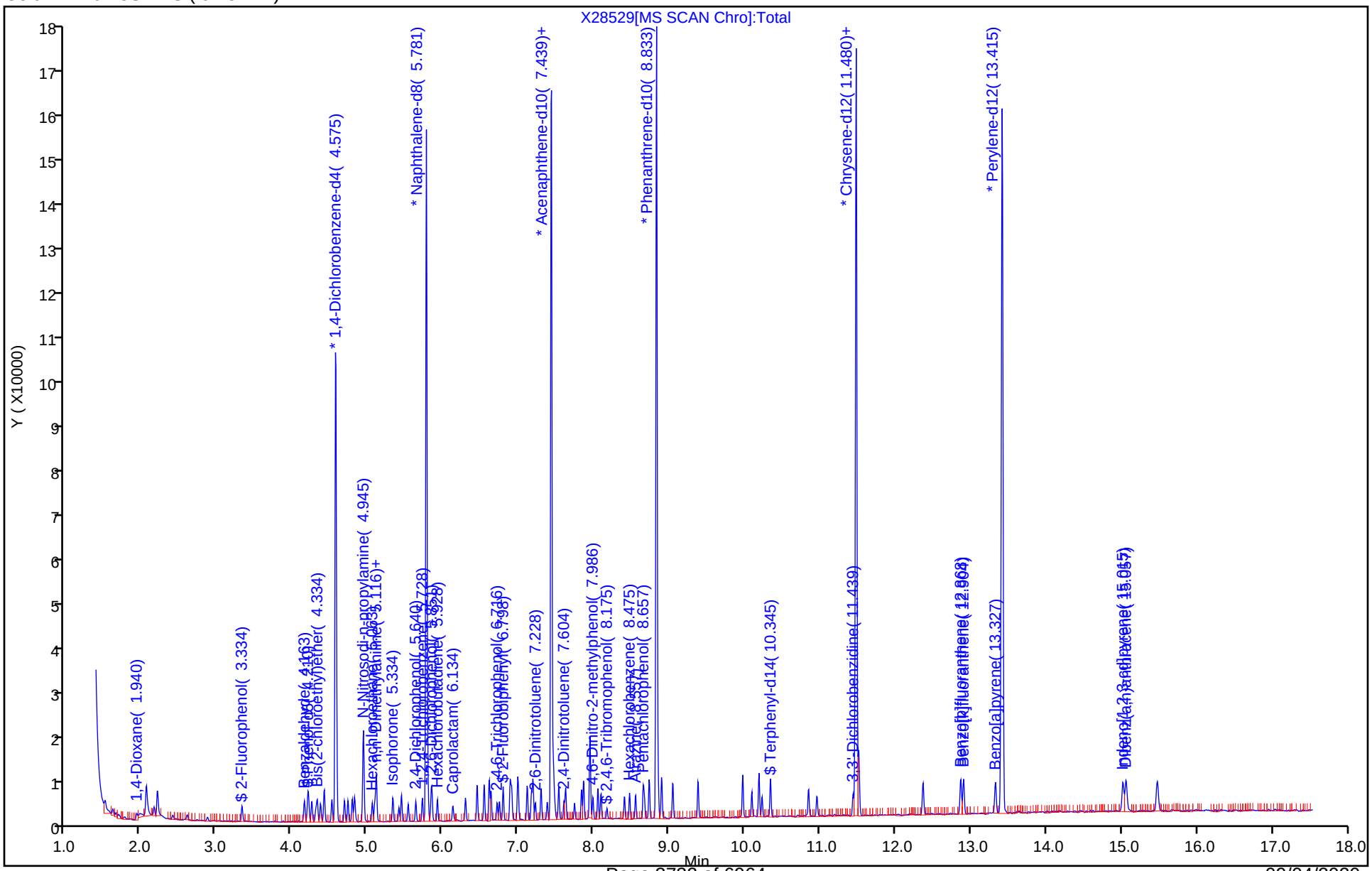
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

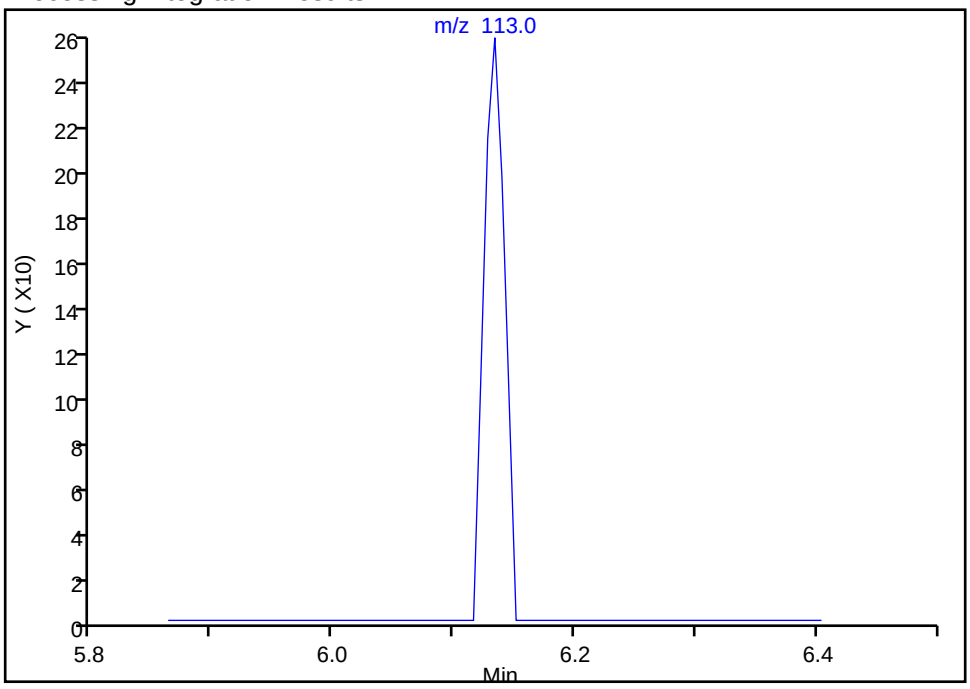
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28529.d
Injection Date: 25-Aug-2020 14:35:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

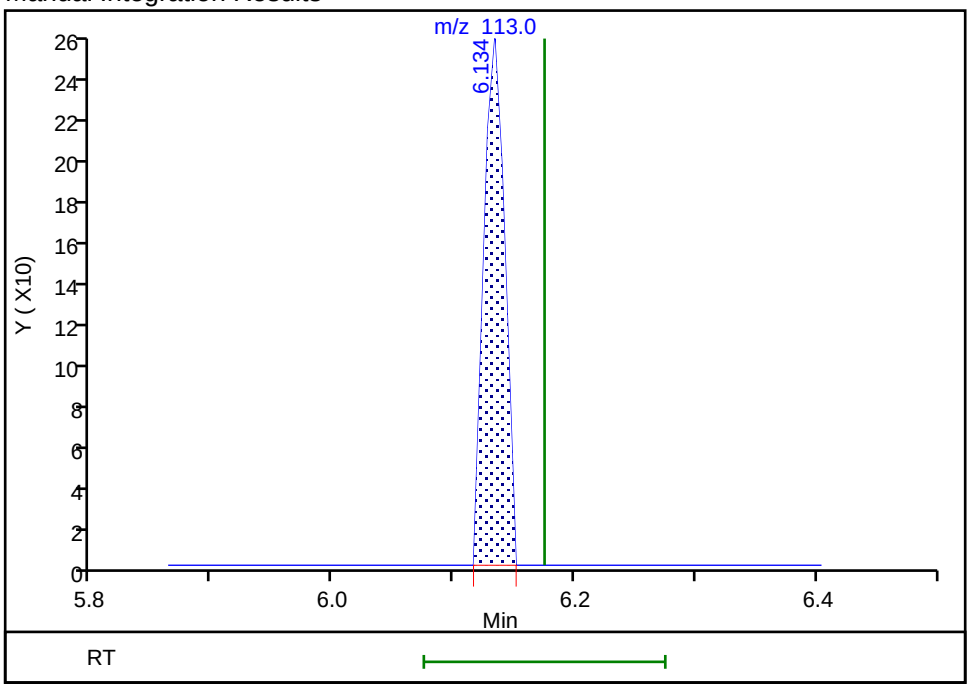
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.13
Area: 310
Amount: 1.624041
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 14:58:38
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

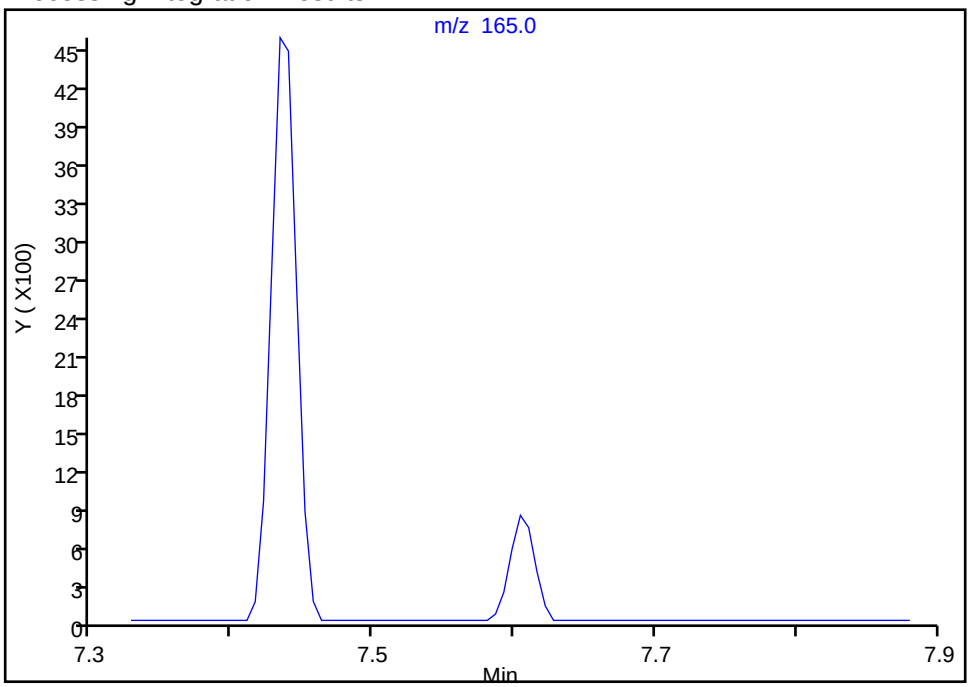
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28529.d
Injection Date: 25-Aug-2020 14:35:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

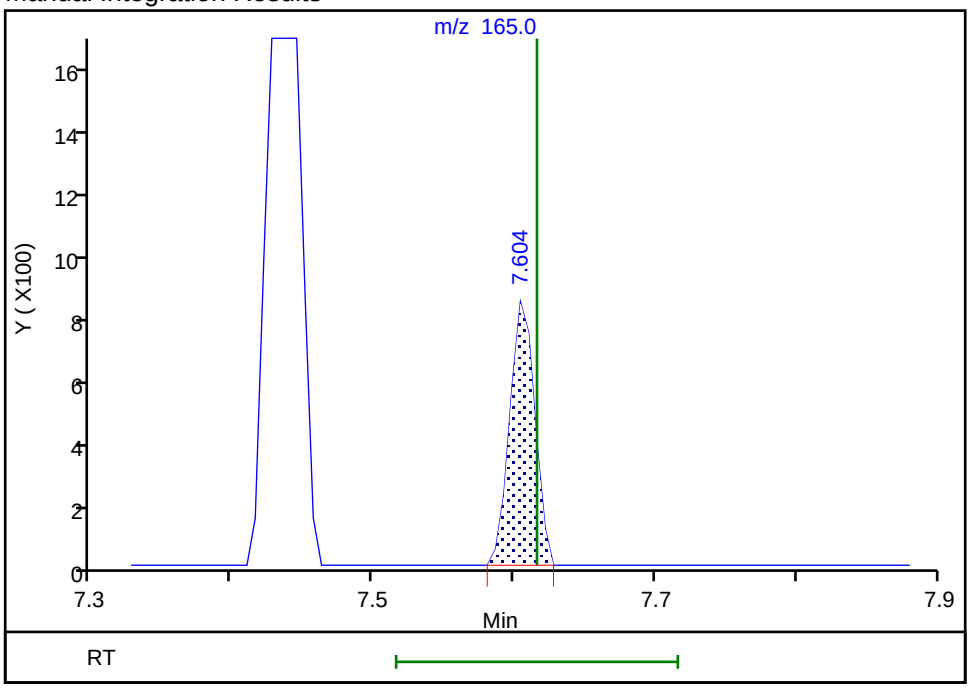
Not Detected
Expected RT: 7.62

Processing Integration Results



Manual Integration Results

RT: 7.60
Area: 1020
Amount: 1.975543
Amount Units: ug/ml



Reviewer: johnstonm1, 25-Aug-2020 14:58:41
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 25-Aug-2020 14:59:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:23 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 26-Aug-2020 05:39:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.940	1.934	0.006	44	200	1.00	0.8119	
$ 4 2-Fluorophenol	112	3.334	3.334	0.000	43	765	1.00	0.9027	
5 Benzaldehyde	77	4.163	4.163	0.000	54	637	1.00	1.07	
$ 6 Phenol-d5	99	4.204	4.216	-0.012	64	906	1.00	0.9201	
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	64	729	1.00	0.99	
* 14 1,4-Dichlorobenzene-d4	152	4.575	4.581	-0.006	95	26449	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	57	448	1.00	0.8607	a
25 Hexachloroethane	117	5.063	5.063	0.000	61	343	1.00	0.9150	
$ 26 Nitrobenzene-d5	82	5.093	5.098	-0.005	55	839	1.00	0.9758	
28 Nitrobenzene	123	5.110	5.122	-0.012	55	425	1.00	0.9803	
27 n,n'-Dimethylaniline	120	5.116	5.122	-0.006	52	1413	1.00	1.02	a
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	43	838	1.00	0.9817	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	99	110043	40.0	40.0	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	31	517	1.00	1.03	
42 Caprolactam	113	6.134	6.175	-0.041	46	186	1.00	0.8433	M
$ 51 2-Fluorobiphenyl	172	6.798	6.804	-0.006	48	2179	1.00	1.09	
60 2,6-Dinitrotoluene	165	7.228	7.239	-0.011	1	396	1.00	0.8959	a
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	96	54721	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.604	7.616	-0.012	26	577	1.00	0.9494	a
$ 80 2,4,6-Tribromophenol	330	8.181	8.181	0.000	1	341	1.00	0.9187	
83 Hexachlorobenzene	284	8.475	8.481	-0.006	19	694	1.00	1.00	
84 Atrazine	200	8.557	8.563	-0.006	1	509	1.00	0.8780	
* 88 Phenanthrene-d10	188	8.833	8.839	-0.006	98	100633	40.0	40.0	
$ 96 Terphenyl-d14	244	10.345	10.351	-0.006	32	2309	1.00	0.99	
101 Benzo[a]anthracene	228	11.469	11.480	-0.011	29	3232	1.00	1.01	
* 102 Chrysene-d12	240	11.480	11.492	-0.012	99	89651	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.869	12.886	-0.017	75	3263	1.00	0.9740	
107 Benzo[k]fluoranthene	252	12.904	12.927	-0.023	75	3250	1.00	0.9684	
108 Benzo[a]pyrene	252	13.327	13.345	-0.018	81	2746	1.00	0.9568	
* 109 Perylene-d12	264	13.421	13.427	-0.006	98	109296	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.015	15.051	-0.036	72	3330	1.00	0.9422	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
111 Dibenz(a,h)anthracene	278	15.062	15.092	-0.030	27	3236	1.00	0.9631	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L2_00001 Amount Added: 1.00 Units: mL

Report Date: 26-Aug-2020 06:38:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d

Injection Date: 25-Aug-2020 14:59:30 Instrument ID: CBNAMS5 Operator ID:

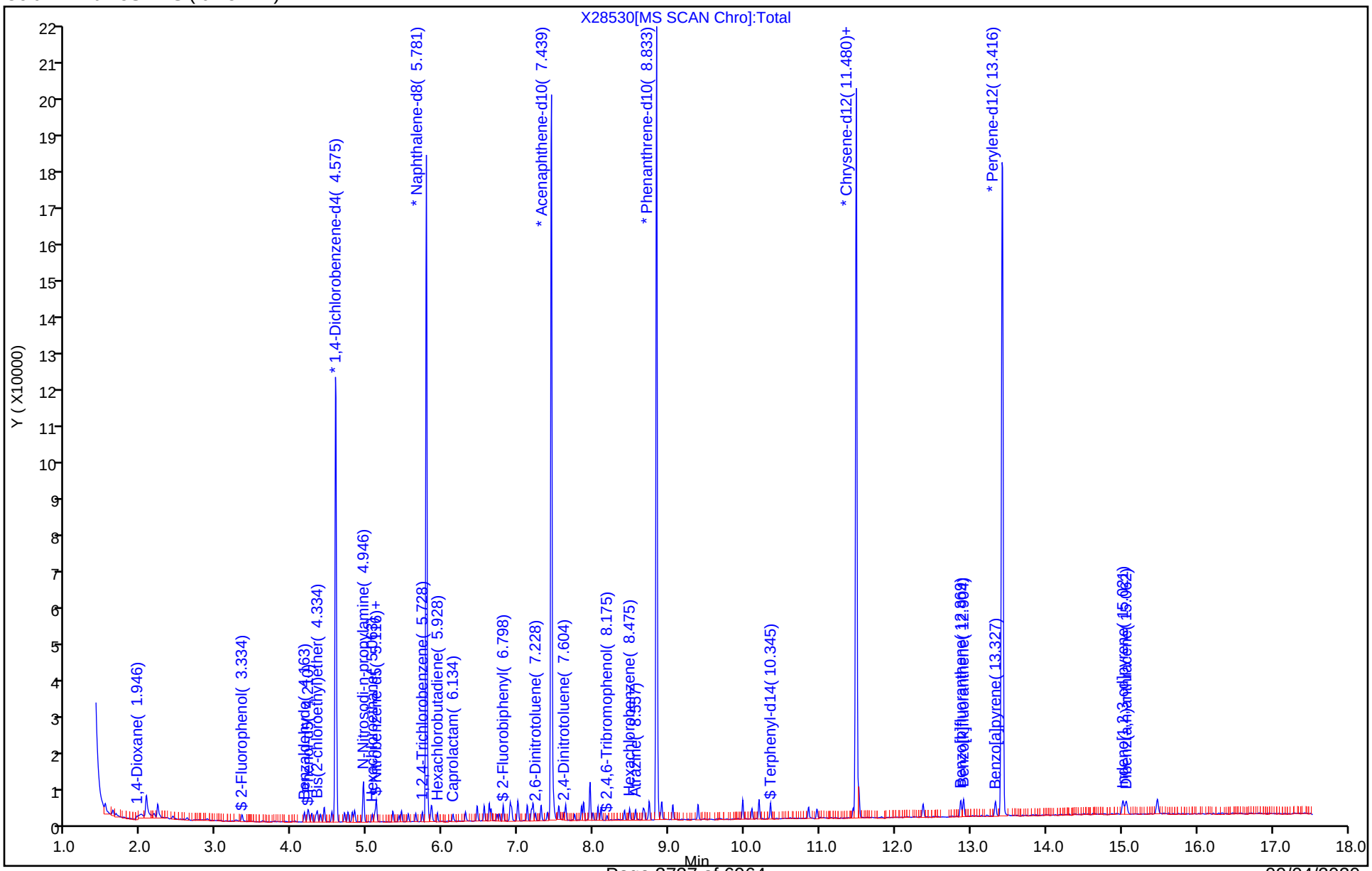
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

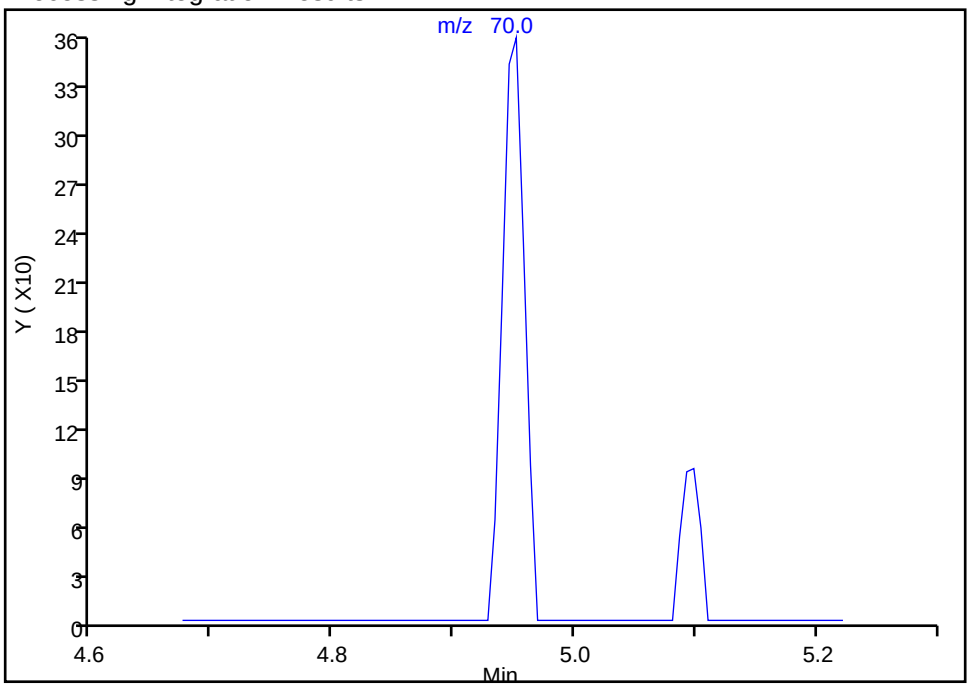
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d
Injection Date: 25-Aug-2020 14:59:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

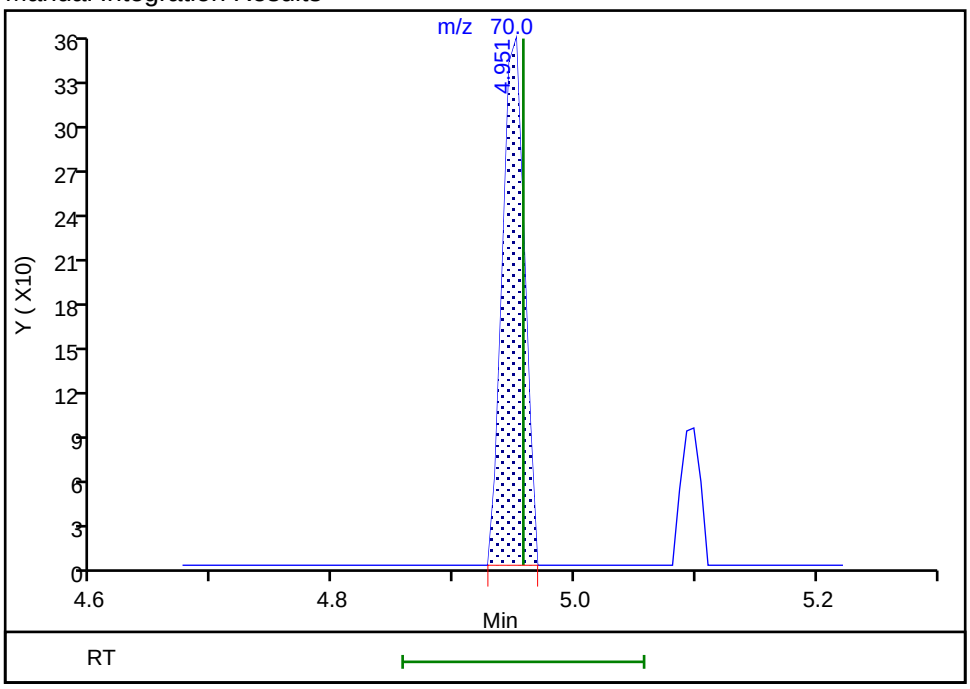
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 448
Amount: 0.860747
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:38:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

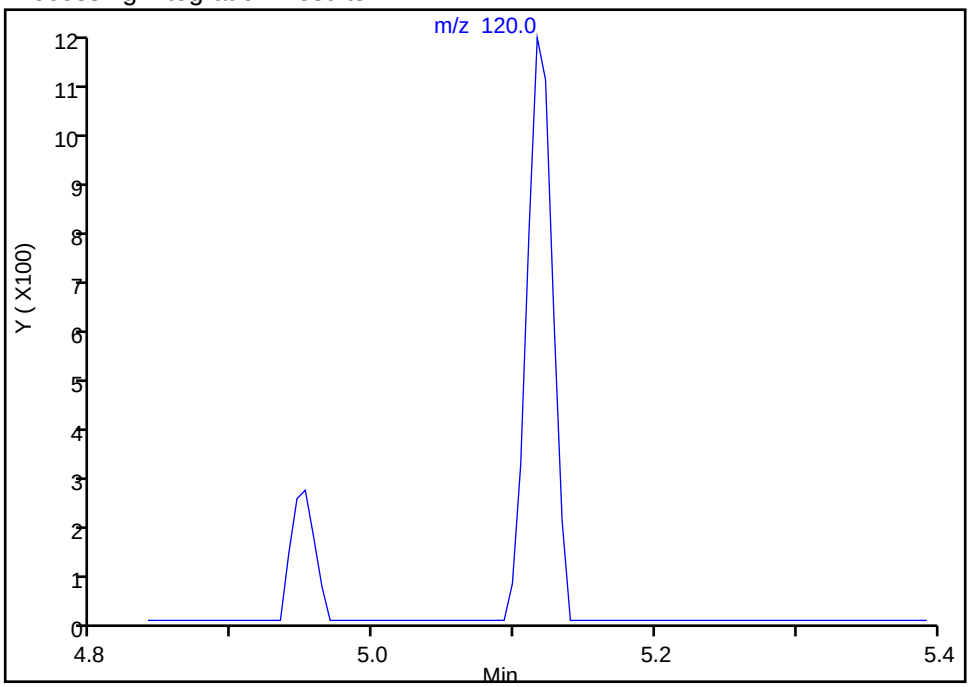
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d				
Injection Date:	25-Aug-2020 14:59:30	Instrument ID:	CBNAMS5		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

27 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

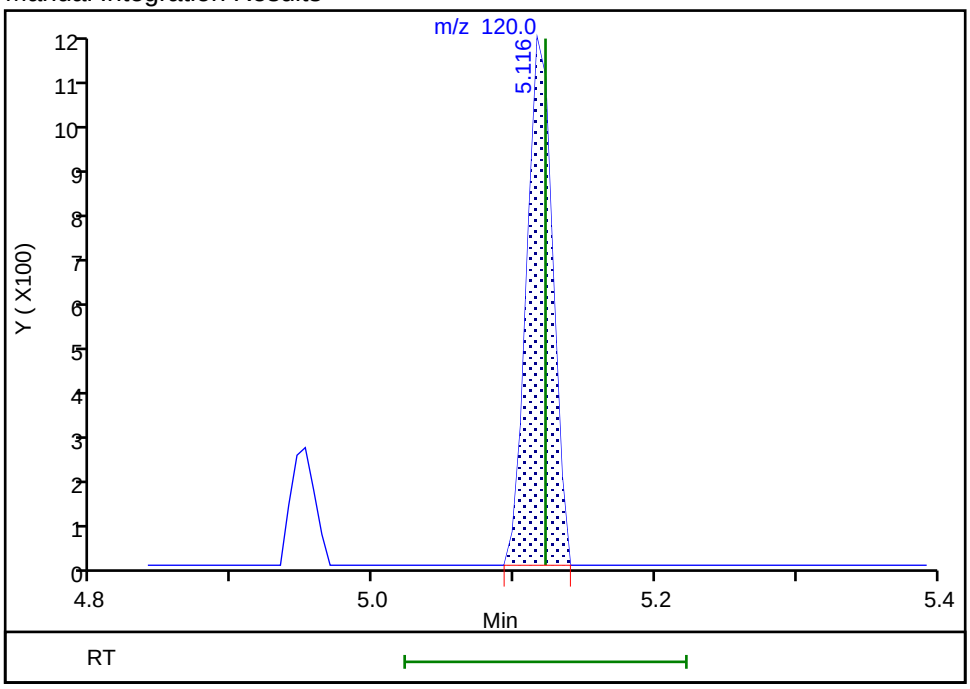
Not Detected
Expected RT: 5.12

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 1413
Amount: 1.020566
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:38:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

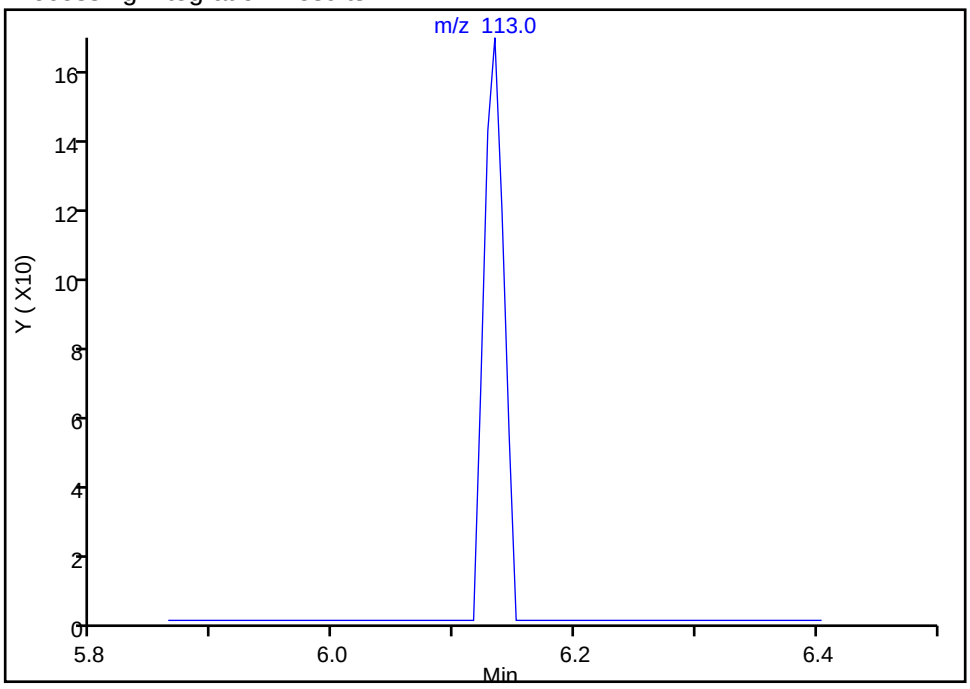
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d
Injection Date: 25-Aug-2020 14:59:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

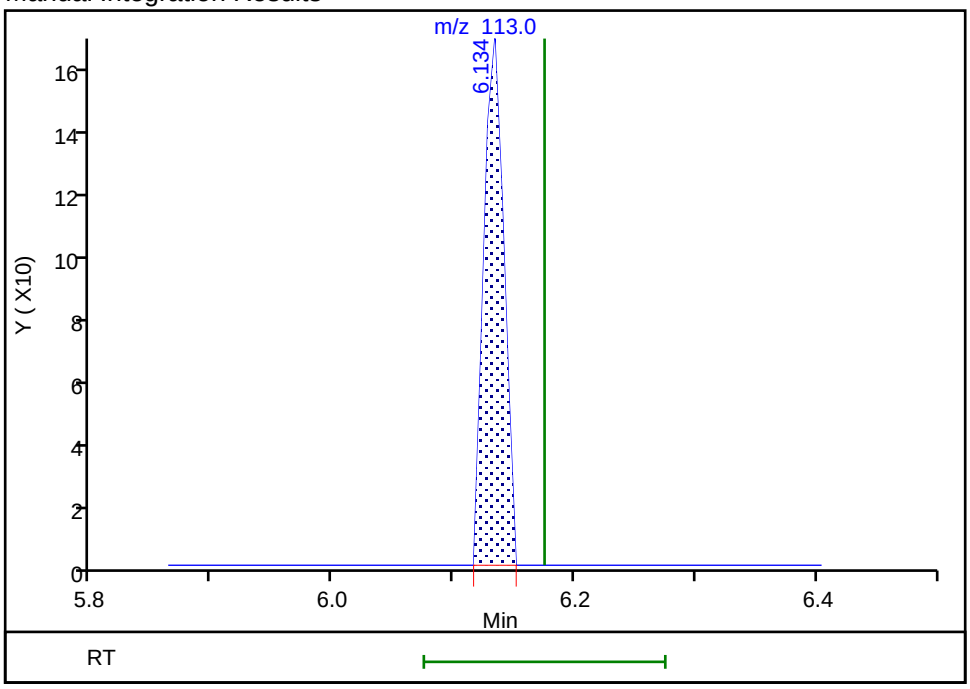
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.13
Area: 186
Amount: 0.843327
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:01
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

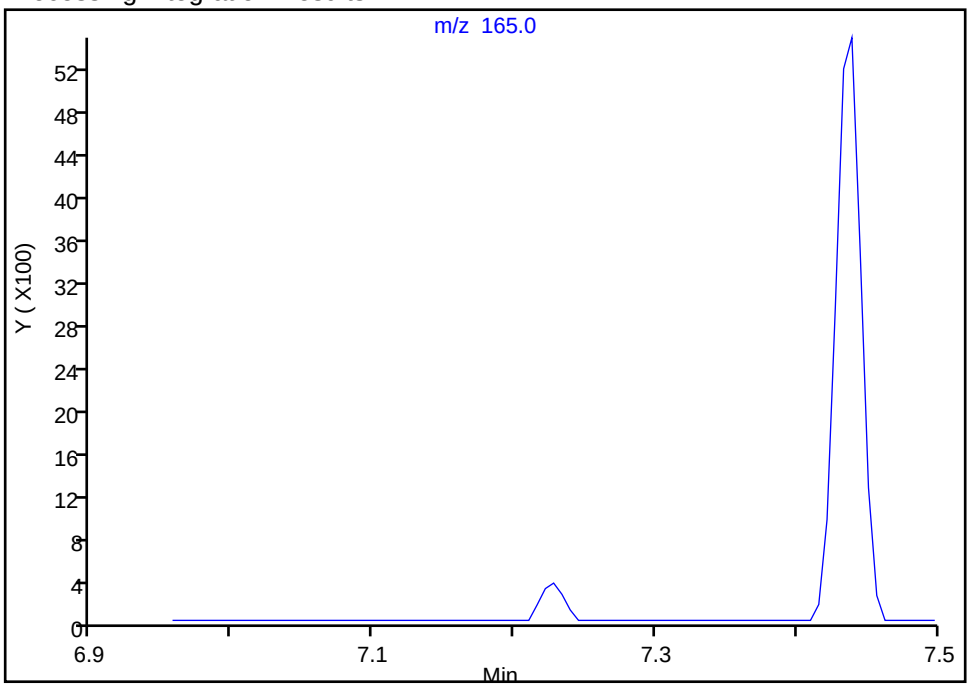
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d
Injection Date: 25-Aug-2020 14:59:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

60 2,6-Dinitrotoluene, CAS: 606-20-2

Signal: 1

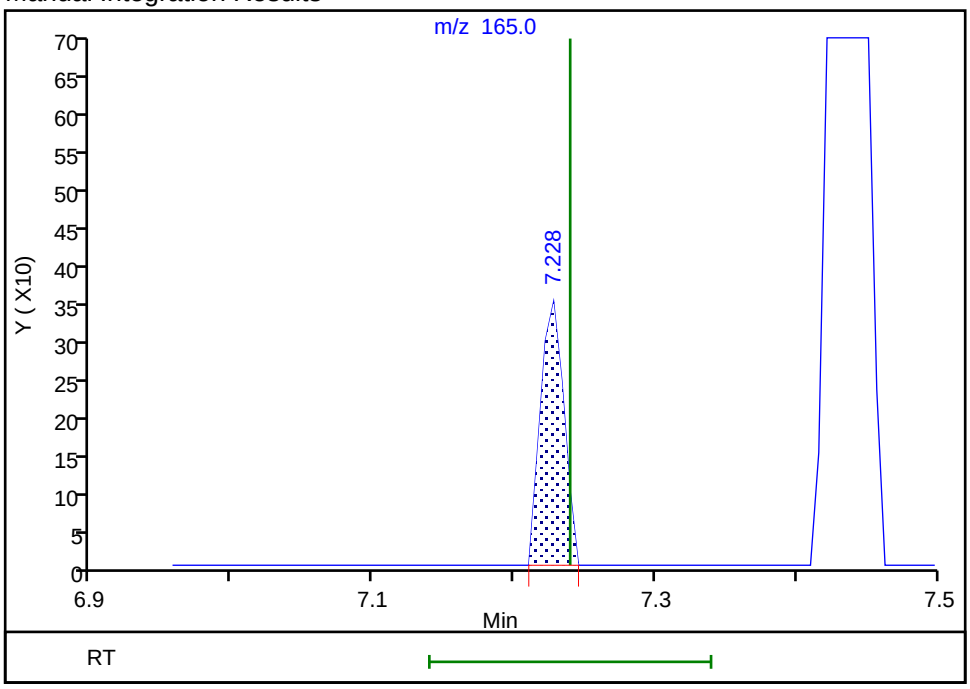
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 396
Amount: 0.895940
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:04
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

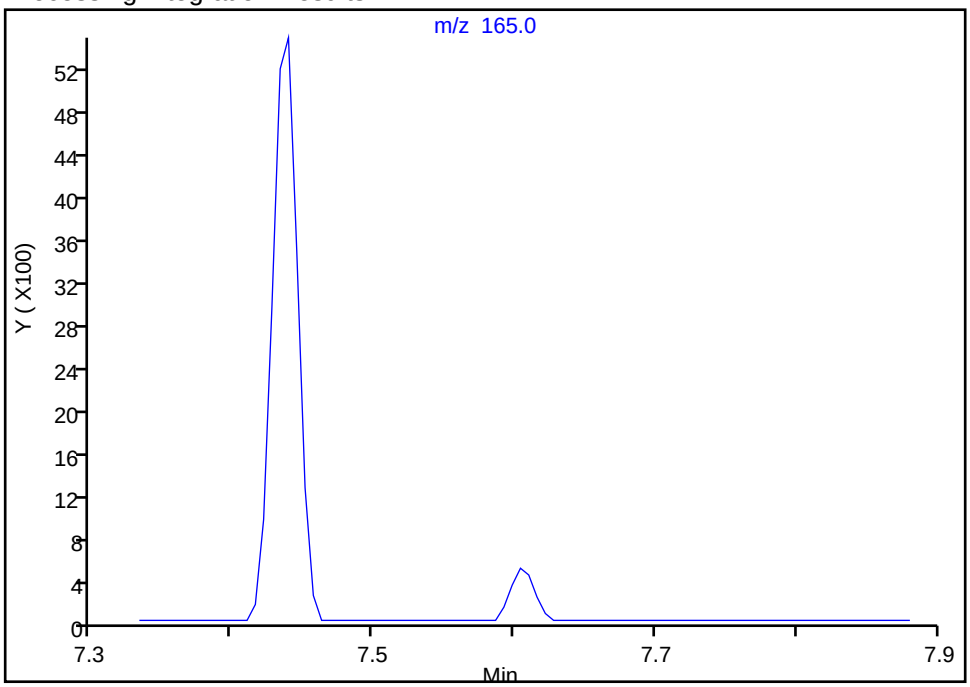
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28530.d
Injection Date: 25-Aug-2020 14:59:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

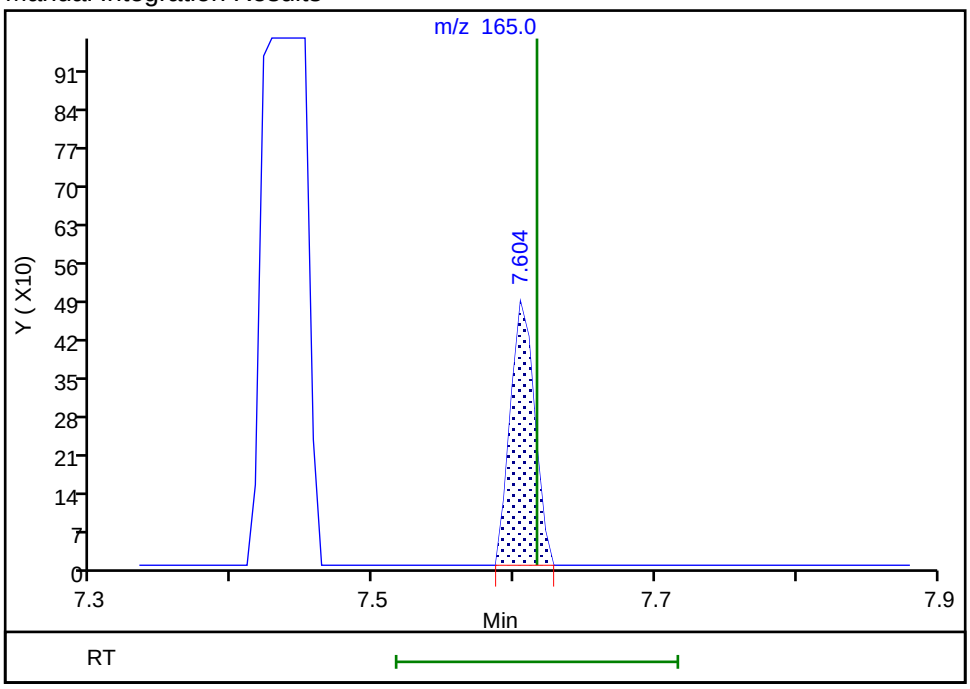
Not Detected
Expected RT: 7.62

Processing Integration Results



Manual Integration Results

RT: 7.60
Area: 577
Amount: 0.949440
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:07
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 25-Aug-2020 15:22:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:26 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 26-Aug-2020 05:39:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.946	1.934	0.012	12	105	0.5000	0.4478	a
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	59	320	0.5000	0.4586	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	96	25177	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	25	191	0.5000	0.3855	a
25 Hexachloroethane	117	5.063	5.063	0.000	14	132	0.5000	0.3699	
$ 26 Nitrobenzene-d5	82	5.093	5.098	-0.005	21	397	0.5000	0.4870	
27 n,n'-Dimethylaniline	120	5.116	5.122	-0.006	20	665	0.5000	0.5046	a
28 Nitrobenzene	123	5.110	5.122	-0.012	32	160	0.5000	0.3877	a
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	8	383	0.5000	0.4733	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	99	104327	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.798	6.804	-0.006	9	891	0.5000	0.4853	a
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	96	50088	40.0	40.0	
83 Hexachlorobenzene	284	8.475	8.481	-0.006	1	265	0.5000	0.4198	
* 88 Phenanthrene-d10	188	8.834	8.839	-0.005	98	91258	40.0	40.0	
$ 96 Terphenyl-d14	244	10.345	10.351	-0.006	1	1054	0.5000	0.4876	
101 Benzo[a]anthracene	228	11.469	11.480	-0.011	6	1614	0.5000	0.5434	
* 102 Chrysene-d12	240	11.480	11.492	-0.012	99	83440	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.869	12.886	-0.017	48	1535	0.5000	0.4973	
107 Benzo[k]fluoranthene	252	12.904	12.927	-0.023	37	1439	0.5000	0.4654	
108 Benzo[a]pyrene	252	13.327	13.345	-0.018	55	1269	0.5000	0.4799	
* 109 Perylene-d12	264	13.416	13.427	-0.011	98	100694	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.015	15.051	-0.036	50	1759	0.5000	0.5402	
111 Dibenz(a,h)anthracene	278	15.063	15.092	-0.029	18	1425	0.5000	0.4603	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L1_00001 Amount Added: 1.00 Units: mL

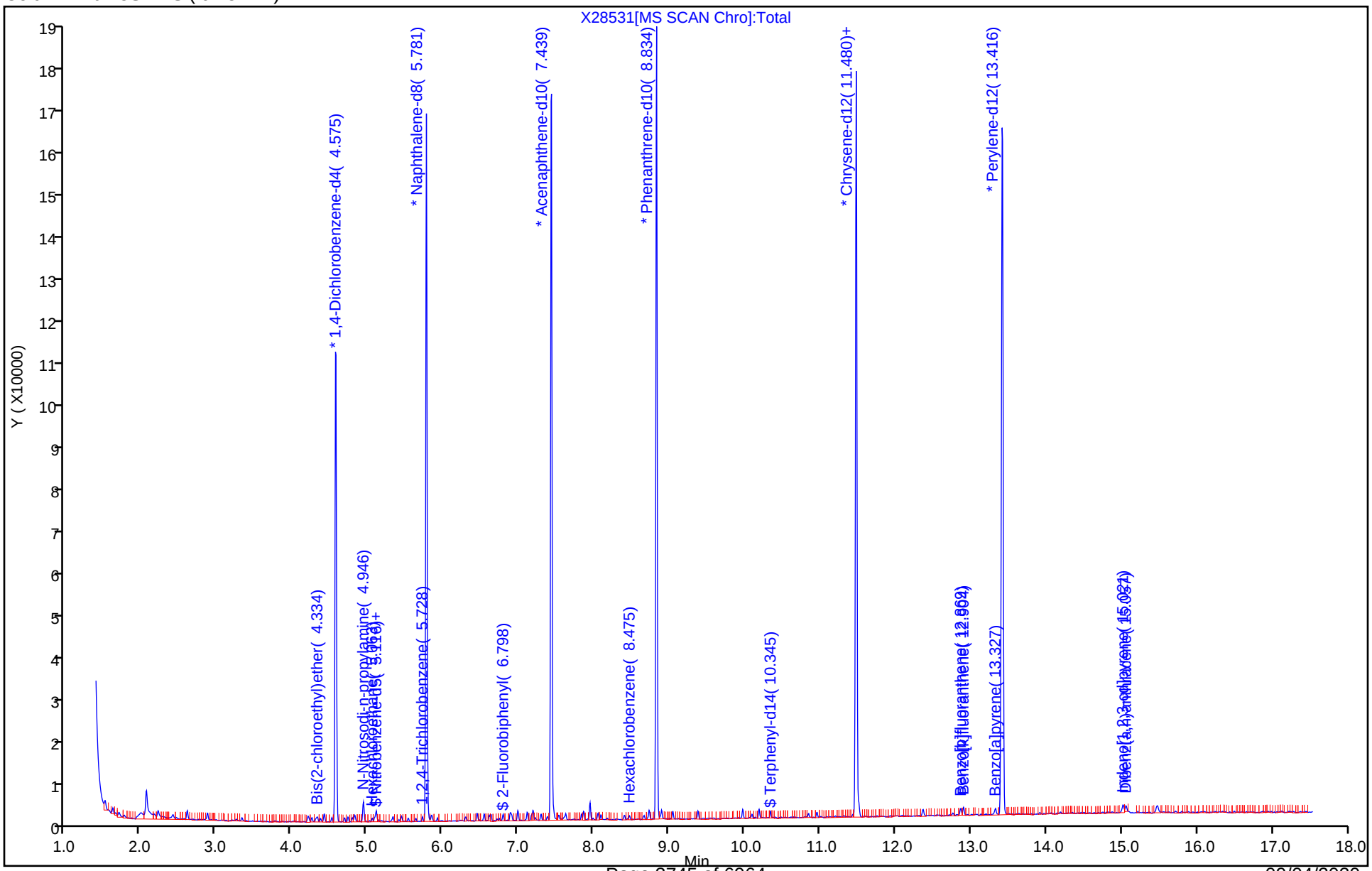
Report Date: 26-Aug-2020 06:38:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Injection Date:	25-Aug-2020 15:22:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

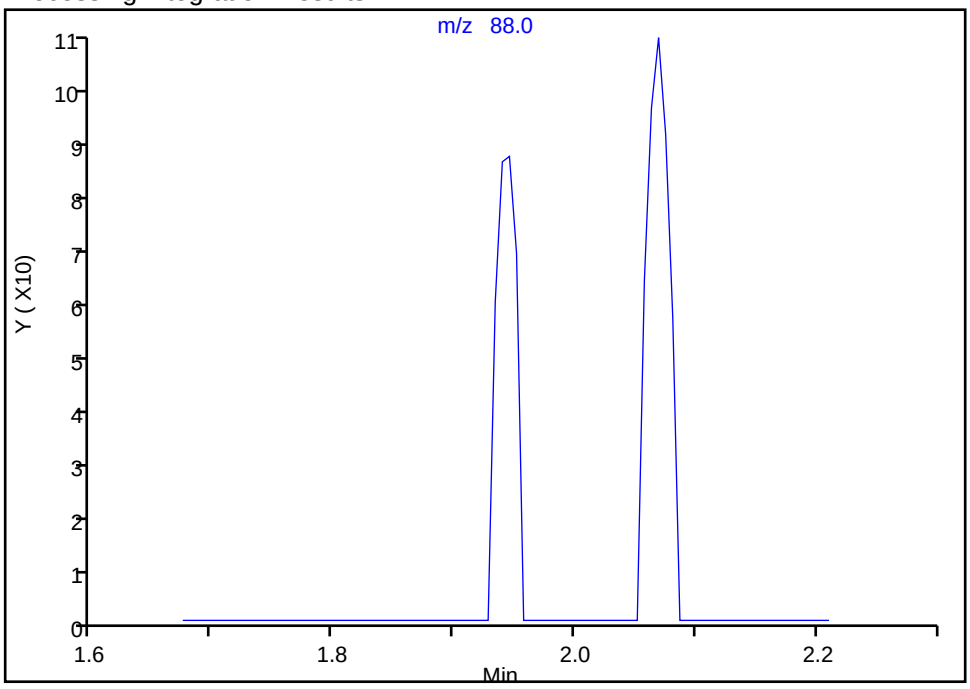
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d
Injection Date: 25-Aug-2020 15:22:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

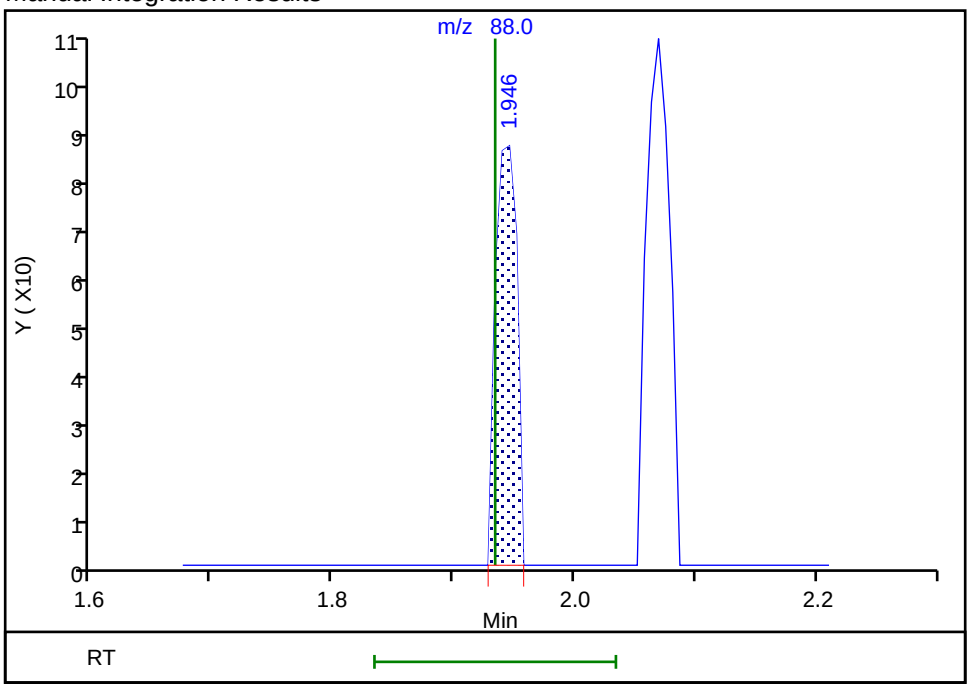
Not Detected
Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 105
Amount: 0.447789
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

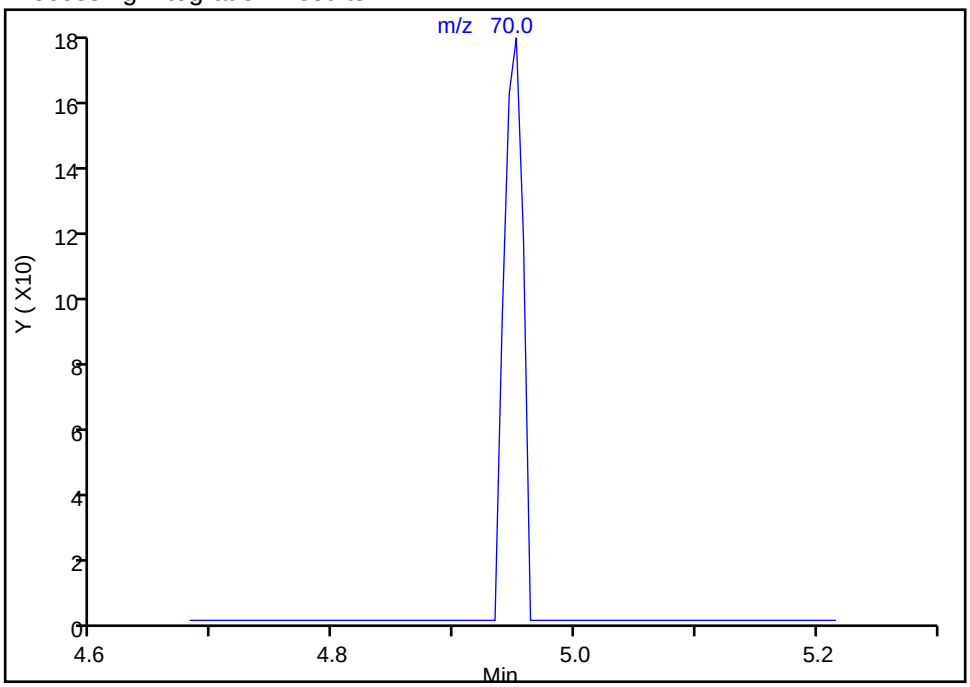
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d
Injection Date: 25-Aug-2020 15:22:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

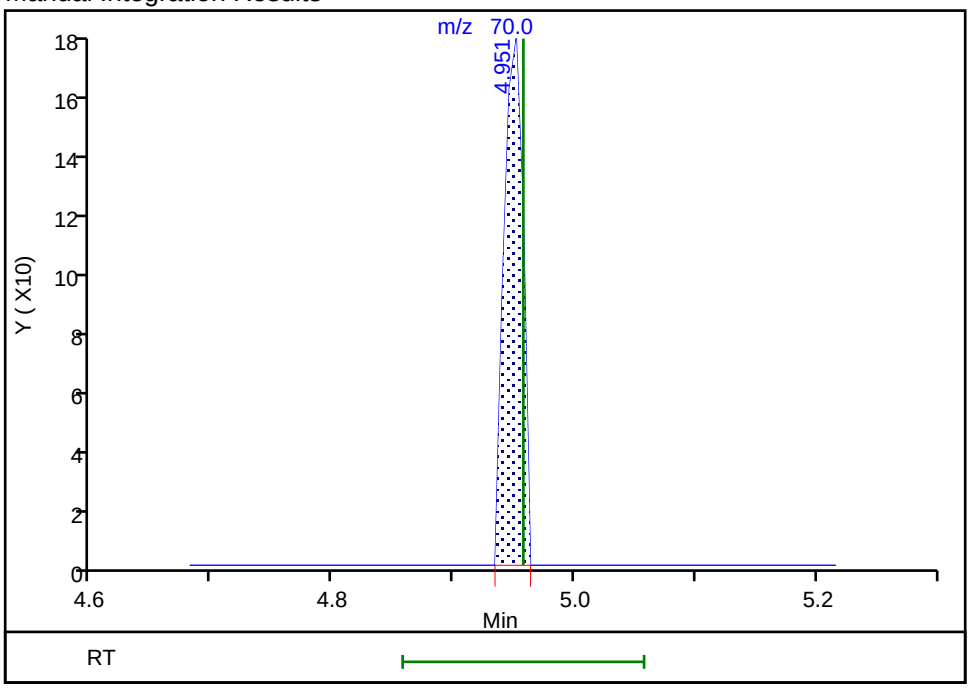
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 191
Amount: 0.385510
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

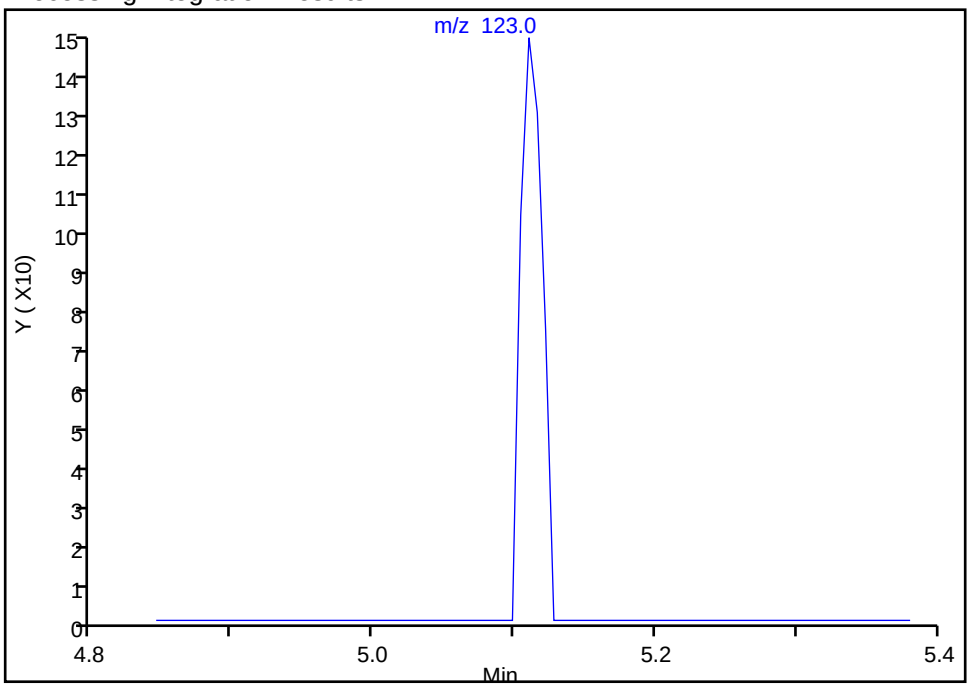
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d
Injection Date: 25-Aug-2020 15:22:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

28 Nitrobenzene, CAS: 98-95-3

Signal: 1

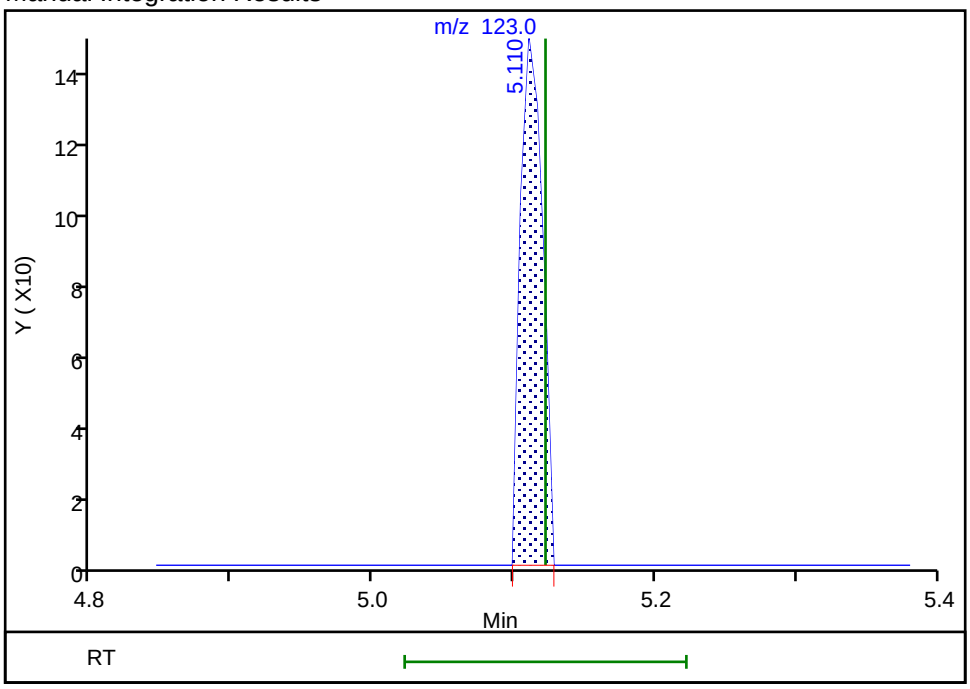
Not Detected
Expected RT: 5.12

Processing Integration Results



Manual Integration Results

RT: 5.11
Area: 160
Amount: 0.387687
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

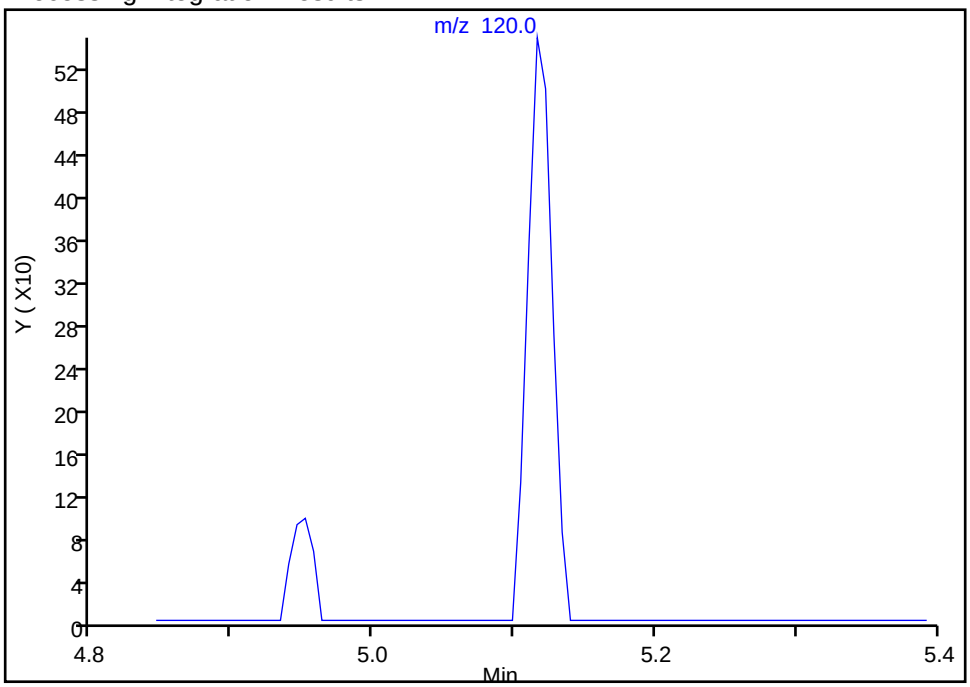
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d
Injection Date: 25-Aug-2020 15:22:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

27 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

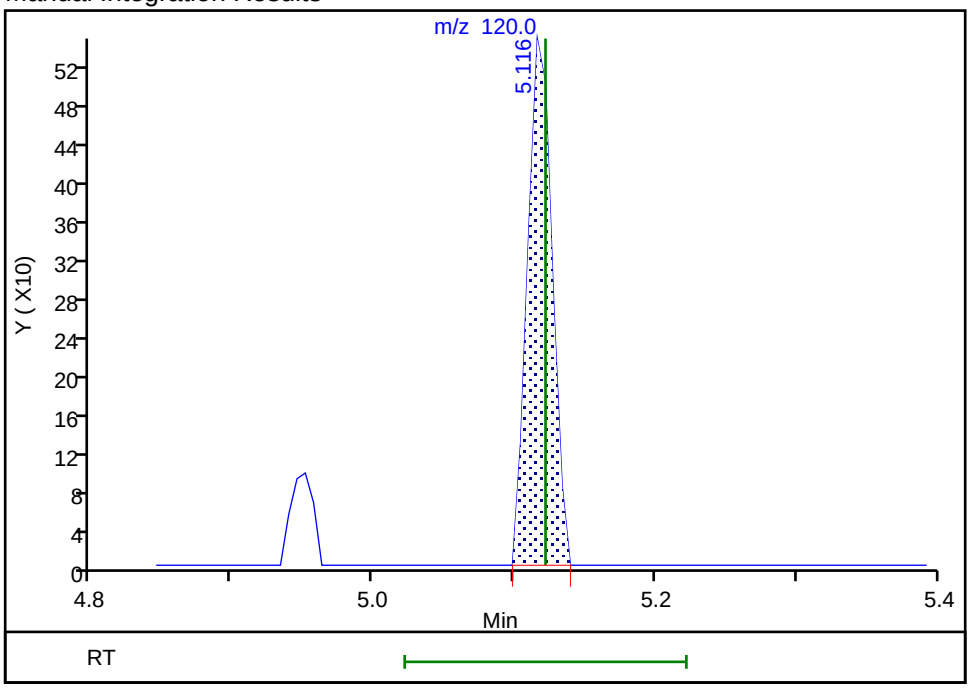
Not Detected
Expected RT: 5.12

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 665
Amount: 0.504575
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

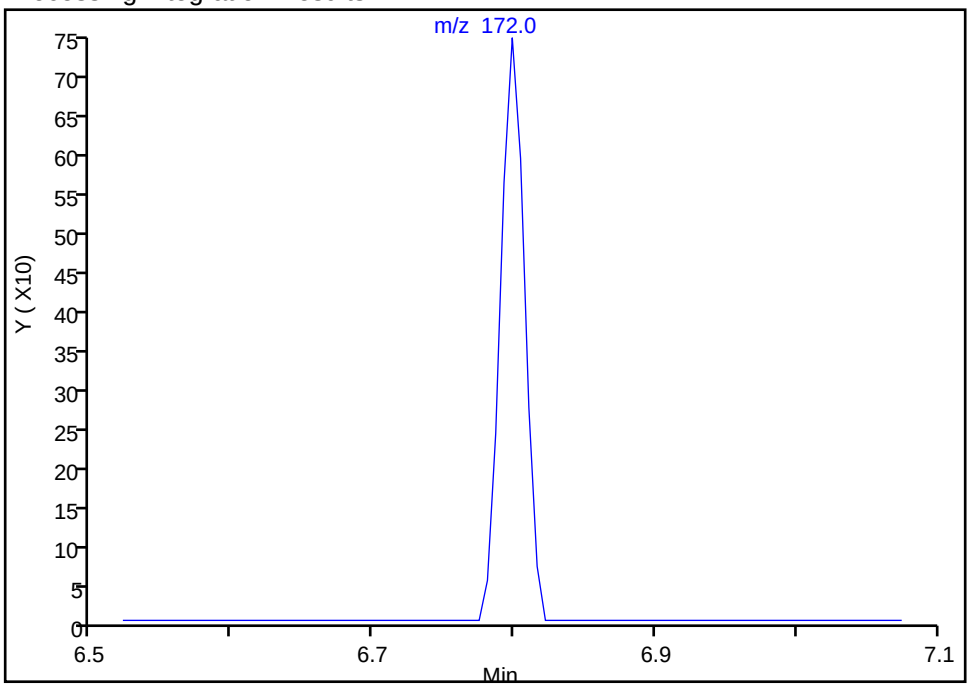
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d				
Injection Date:	25-Aug-2020 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

$ 51 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

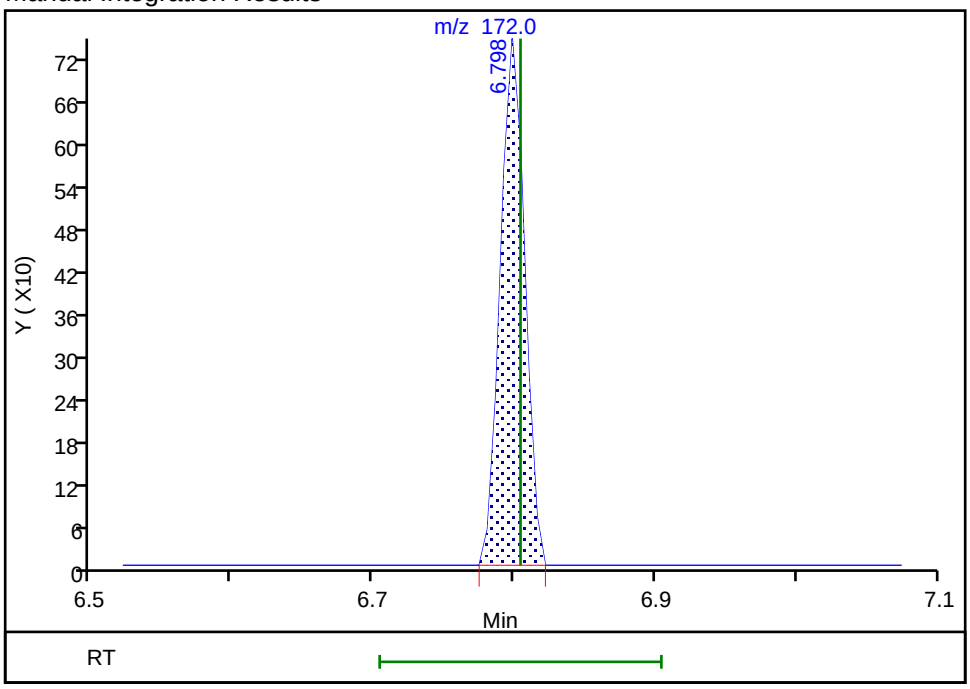
Processing Integration Results

Not Detected
Expected RT: 6.80



Manual Integration Results

RT: 6.80
Area: 891
Amount: 0.485302
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:39:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716052/11 Calibration Date: 08/12/2020 19:25

Instrument ID: CBNAMS11 Calib Start Date: 08/12/2020 15:52

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/12/2020 19:02

Lab File ID: Z57329.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5318	0.5162	0.0100	24300	25000	-2.9	30.0
N-Nitrosodimethylamine	Ave	0.8248	0.8166		24800	25000	-1.0	30.0
Pyridine	Ave	1.402	1.129		40300	50000	-19.5	30.0
Benzaldehyde	Ave	1.175	0.9123	0.0100	19400	25000	-22.4	30.0
Phenol	Ave	1.872	1.718	0.8000	22900	25000	-8.3	30.0
Aniline	Ave	2.201	2.070		23500	25000	-6.0	30.0
Bis(2-chloroethyl)ether	Ave	1.378	1.332	0.7000	24200	25000	-3.3	30.0
2-Chlorophenol	Ave	1.408	1.363	0.8000	24200	25000	-3.2	30.0
n-Decane	Ave	2.124	2.000	0.0100	23500	25000	-5.8	30.0
1,3-Dichlorobenzene	Ave	1.589	1.504		23700	25000	-5.3	30.0
1,4-Dichlorobenzene	Ave	1.619	1.552		24000	25000	-4.1	30.0
Benzyl alcohol	Ave	0.8866	0.8912	0.0100	25100	25000	0.5	30.0
1,2-Dichlorobenzene	Ave	1.527	1.478		24200	25000	-3.2	30.0
2-Methylphenol	Ave	1.233	1.198	0.7000	24300	25000	-2.9	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.676	2.628	0.0100	24600	25000	-1.8	30.0
N-Methylaniline	Ave	2.203	1.982		22500	25000	-10.0	30.0
3 & 4 Methylphenol	Ave	1.441	1.397		24200	25000	-3.0	30.0
4-Methylphenol	Ave	1.441	1.397	0.6000	24200	25000	-3.0	30.0
Acetophenone	Ave	2.081	2.032	0.0100	24400	25000	-2.3	30.0
N-Nitrosodi-n-propylamine	Ave	1.098	1.061	0.5000	24200	25000	-3.4	30.0
Hexachloroethane	Ave	0.5877	0.5780	0.3000	24600	25000	-1.6	30.0
Nitrobenzene	Ave	0.6772	0.6751	0.2000	24900	25000	-0.3	30.0
n,n'-Dimethylaniline	Ave	2.092	2.037	0.0100	24300	25000	-2.6	30.0
Isophorone	Ave	0.7282	0.7219	0.4000	24800	25000	-0.9	30.0
2-Nitrophenol	Ave	0.1963	0.1921	0.1000	24500	25000	-2.2	30.0
2,4-Dimethylphenol	Ave	0.3166	0.3090	0.2000	24400	25000	-2.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.4592	0.4418	0.3000	24100	25000	-3.8	30.0
Benzoic acid	Ave	0.2059	0.1965		23900	25000	-4.5	30.0
2,4-Dichlorophenol	Ave	0.3161	0.3120	0.2000	24700	25000	-1.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3548	0.3594		25300	25000	1.3	30.0
Naphthalene	Ave	1.074	1.048	0.7000	24400	25000	-2.5	30.0
4-Chloroaniline	Ave	0.4453	0.4243	0.0100	23800	25000	-4.7	30.0
Hexachlorobutadiene	Ave	0.2319	0.2378	0.0100	25600	25000	2.5	30.0
Caprolactam	Ave	0.0908	0.0908	0.0100	25000	25000	0.0	30.0
4-Chloro-3-methylphenol	Ave	0.3165	0.3059		24200	25000	-3.4	30.0
2-Methylnaphthalene	Ave	0.6985	0.6783	0.4000	24300	25000	-2.9	30.0
1-Methylnaphthalene	Ave	0.6554	0.6282	0.0100	24000	25000	-4.2	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7048	0.7030	0.0100	24900	25000	-0.3	30.0
Hexachlorocyclopentadiene	Ave	0.5346	0.4620	0.0500	21600	25000	-13.6	30.0
2-tertbutyl-4-methylphenol	Ave	0.4749	0.4724	0.0100	24900	25000	-0.5	30.0
2,4,6-Trichlorophenol	Ave	0.4695	0.4576	0.2000	24400	25000	-2.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716052/11 Calibration Date: 08/12/2020 19:25

Instrument ID: CBNAMS11 Calib Start Date: 08/12/2020 15:52

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/12/2020 19:02

Lab File ID: Z57329.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.5112	0.4931	0.2000	24100	25000	-3.6	30.0
1,1'-Biphenyl	Ave	1.629	1.572	0.0100	24100	25000	-3.5	30.0
2-Chloronaphthalene	Ave	1.281	1.274	0.8000	24900	25000	-0.6	30.0
Phenyl ether	Ave	0.8534	0.8115	0.0100	23800	25000	-4.9	30.0
2-Nitroaniline	Ave	0.5430	0.5195	0.0100	23900	25000	-4.3	30.0
1,3-Dimethylnaphthalene	Ave	0.9475	0.9803	0.0100	25900	25000	3.5	30.0
Dimethyl phthalate	Ave	1.488	1.456	0.0100	24500	25000	-2.1	30.0
Coumarin	Ave	0.2519	0.2396	0.0100	23800	25000	-4.9	30.0
2,6-Dinitrotoluene	Ave	0.3203	0.3251	0.2000	25400	25000	1.5	30.0
Acenaphthylene	Ave	1.925	1.812	0.9000	23500	25000	-5.8	30.0
3-Nitroaniline	Ave	0.5405	0.5156	0.0100	23800	25000	-4.6	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.328	1.280	0.0100	24100	25000	-3.6	30.0
Acenaphthene	Ave	1.302	1.309	0.9000	25100	25000	0.5	30.0
2,4-Dinitrophenol	Lin2		0.1744	0.0100	43500	50000	-12.9	30.0
4-Nitrophenol	Ave	0.3232	0.3097	0.0100	47900	50000	-4.2	30.0
2,4-Dinitrotoluene	Ave	0.4265	0.4331	0.2000	25400	25000	1.6	30.0
Dibenzofuran	Ave	1.787	1.745	0.8000	24400	25000	-2.3	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.4251	0.4221	0.0100	24800	25000	-0.7	30.0
Diethyl phthalate	Ave	1.502	1.405	0.0100	23400	25000	-6.4	30.0
Fluorene	Ave	1.470	1.419	0.9000	24100	25000	-3.5	30.0
4-Chlorophenyl phenyl ether	Ave	0.7290	0.6998	0.4000	24000	25000	-4.0	30.0
4-Nitroaniline	Ave	0.3372	0.3310	0.0100	24500	25000	-1.8	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.1238	0.0100	43900	50000	-12.3	30.0
N-Nitrosodiphenylamine	Ave	0.5715	0.5611	0.0100	24500	25000	-1.8	30.0
1,2-Diphenylhydrazine	Ave	0.8458	0.8173	0.0100	24200	25000	-3.4	30.0
4-Bromophenyl phenyl ether	Ave	0.2580	0.2536	0.1000	24600	25000	-1.7	30.0
Hexachlorobenzene	Ave	0.2818	0.2748	0.1000	24400	25000	-2.5	30.0
Atrazine	Ave	0.2280	0.2323	0.0100	25500	25000	1.9	30.0
Pentachlorophenol	Ave	0.1803	0.1714	0.0500	47500	50000	-4.9	30.0
Pentachloronitrobenzene	Ave	0.1284	0.1260	0.0100	24500	25000	-1.9	30.0
n-Octadecane	Ave	0.7566	0.7268	0.0100	24000	25000	-3.9	30.0
Phenanthrene	Ave	1.212	1.142	0.7000	23600	25000	-5.7	30.0
Anthracene	Ave	1.263	1.197	0.7000	23700	25000	-5.2	30.0
Carbazole	Ave	1.042	0.9910	0.0100	23800	25000	-4.9	30.0
Di-n-butyl phthalate	Ave	1.375	1.286	0.0100	23400	25000	-6.4	30.0
Fluoranthene	Ave	1.296	1.237	0.6000	23900	25000	-4.5	30.0
Benzidine	Ave	0.6167	0.4762		19300	25000	-22.8	30.0
Pyrene	Ave	1.487	1.467	0.6000	24700	25000	-1.3	30.0
Bisphenol-A	Ave	0.6951	0.6899		24800	25000	-0.8	30.0
Butyl benzyl phthalate	Ave	0.6251	0.6277	0.0100	25100	25000	0.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-716052/11 Calibration Date: 08/12/2020 19:25

Instrument ID: CBNAMS11 Calib Start Date: 08/12/2020 15:52

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/12/2020 19:02

Lab File ID: Z57329.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5847	0.5685	0.0100	24300	25000	-2.8	30.0
3,3'-Dichlorobenzidine	Ave	0.5172	0.4879	0.0100	23600	25000	-5.7	30.0
Benzo[a]anthracene	Ave	1.427	1.429	0.8000	25000	25000	0.1	30.0
Chrysene	Ave	1.378	1.359	0.7000	24700	25000	-1.3	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9169	0.8684	0.0100	23700	25000	-5.3	30.0
Di-n-octyl phthalate	Ave	1.443	1.411	0.0100	24500	25000	-2.2	30.0
Benzo[b]fluoranthene	Ave	1.264	1.208	0.7000	23900	25000	-4.4	30.0
Benzo[k]fluoranthene	Ave	1.252	1.320	0.7000	26300	25000	5.4	30.0
Benzo[a]pyrene	Ave	1.059	1.183	0.7000	27900	25000	11.7	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.108	1.086	0.5000	24500	25000	-2.0	30.0
Dibenz(a,h)anthracene	Ave	1.063	1.105	0.4000	26000	25000	4.0	30.0
Benzo[g,h,i]perylene	Ave	1.087	1.086	0.5000	25000	25000	-0.1	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57329.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 12-Aug-2020 19:25:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-011
Operator ID: Instrument ID: CBNAMS11
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:53:06 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 13-Aug-2020 07:29:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.754	1.754	0.000	93	154228	25.0	24.3	
	2 N-Nitrosodimethylamine	74	1.966	1.966	0.000	77	243979	25.0	24.8	
	3 Pyridine	79	1.990	1.990	0.000	76	674631	50.0	40.3	
	5 Benzaldehyde	77	3.884	3.878	0.006	92	272577	25.0	19.4	E
	7 Phenol	94	3.954	3.966	-0.012	98	513160	25.0	22.9	
	8 Aniline	93	3.984	3.989	-0.005	99	618467	25.0	23.5	
	9 Bis(2-chloroethyl)ether	93	4.048	4.054	-0.006	91	397970	25.0	24.2	
	11 2-Chlorophenol	128	4.101	4.107	-0.006	91	407103	25.0	24.2	
	12 n-Decane	43	4.160	4.160	0.000	93	597491	25.0	23.5	
	13 1,3-Dichlorobenzene	146	4.254	4.254	0.000	93	449504	25.0	23.7	
*	14 1,4-Dichlorobenzene-d4	152	4.307	4.307	0.000	98	478051	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.325	4.325	0.000	94	463689	25.0	24.0	
	16 Benzyl alcohol	108	4.437	4.436	0.001	90	266286	25.0	25.1	
	17 1,2-Dichlorobenzene	146	4.472	4.472	0.000	94	441604	25.0	24.2	
	18 2-Methylphenol	108	4.542	4.548	-0.006	87	357887	25.0	24.3	
	19 2,2'-oxybis[1-chloropropane]	45	4.572	4.572	0.000	92	785298	25.0	24.6	
	20 N-Methylaniline	106	4.684	4.689	-0.005	91	592166	25.0	22.5	
	24 4-Methylphenol	108	4.695	4.701	-0.006	68	417494	25.0	24.2	
	23 3 & 4 Methylphenol	108	4.695	4.701	-0.006	88	417494	25.0	24.2	
	22 Acetophenone	105	4.695	4.701	-0.006	88	607228	25.0	24.4	
	21 N-Nitrosodi-n-propylamine	70	4.695	4.707	-0.012	94	316867	25.0	24.2	
	25 Hexachloroethane	117	4.801	4.801	0.000	91	172701	25.0	24.6	
	27 Nitrobenzene	123	4.860	4.860	0.000	88	201714	25.0	24.9	
	28 n,n'-Dimethylaniline	120	4.866	4.866	0.000	93	608541	25.0	24.3	a
	31 Isophorone	82	5.089	5.095	-0.006	98	807833	25.0	24.8	
	32 2-Nitrophenol	139	5.166	5.166	0.000	82	214954	25.0	24.5	
	33 2,4-Dimethylphenol	122	5.213	5.213	0.000	88	345797	25.0	24.4	
	34 Bis(2-chloroethoxy)methane	93	5.301	5.307	-0.006	97	494374	25.0	24.1	
	35 Benzoic acid	122	5.313	5.354	-0.041	90	219889	25.0	23.9	
	36 2,4-Dichlorophenol	162	5.401	5.401	0.000	94	349116	25.0	24.7	
	37 1,2,4-Trichlorobenzene	180	5.484	5.483	0.001	94	402149	25.0	25.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	5.537	5.536	0.000	100	1790404	40.0	40.0	
39 Naphthalene	128	5.560	5.560	0.000	98	1172383	25.0	24.4	
40 4-Chloroaniline	127	5.607	5.613	-0.006	95	474839	25.0	23.8	
133 2,6-Dichlorophenol	162	5.619	5.619	0.000	94	347303	NC	NC	
41 Hexachlorobutadiene	225	5.689	5.689	0.000	96	266080	25.0	25.6	
42 Caprolactam	113	5.942	5.960	-0.018	85	101608	25.0	25.0	E
43 4-Chloro-3-methylphenol	107	6.084	6.083	0.001	96	342300	25.0	24.2	
44 2-Methylnaphthalene	142	6.225	6.225	0.000	83	758990	25.0	24.3	
45 1-Methylnaphthalene	142	6.319	6.319	0.000	93	702990	25.0	24.0	
46 Hexachlorocyclopentadiene	237	6.389	6.389	0.000	97	277269	25.0	21.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.389	6.389	0.000	98	421895	25.0	24.9	
48 2-tertbutyl-4-methylphenol	149	6.425	6.425	0.000	90	528630	25.0	24.9	
49 2,4,6-Trichlorophenol	196	6.501	6.495	0.006	91	274649	25.0	24.4	
50 2,4,5-Trichlorophenol	196	6.531	6.530	0.001	97	295901	25.0	24.1	
52 1,1'-Biphenyl	154	6.672	6.677	-0.005	96	943547	25.0	24.1	
53 2-Chloronaphthalene	162	6.689	6.689	0.000	97	764308	25.0	24.9	
54 Phenyl ether	170	6.778	6.777	0.001	92	486992	25.0	23.8	
55 2-Nitroaniline	65	6.789	6.789	0.000	94	311797	25.0	23.9	
57 1,3-Dimethylnaphthalene	156	6.901	6.901	0.000	91	588346	25.0	25.9	
58 Dimethyl phthalate	163	6.972	6.977	-0.005	98	873648	25.0	24.5	
59 Coumarin	146	6.983	6.989	-0.006	77	268118	25.0	23.8	
60 2,6-Dinitrotoluene	165	7.025	7.025	0.000	94	195135	25.0	25.4	
63 Acenaphthylene	152	7.083	7.089	-0.006	97	1087564	25.0	23.5	
64 3-Nitroaniline	65	7.178	7.183	-0.005	90	309405	25.0	23.8	
* 65 Acenaphthene-d10	164	7.225	7.225	0.001	95	960226	40.0	40.0	
67 Acenaphthene	154	7.254	7.254	0.000	93	785330	25.0	25.1	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.254	7.254	0.000	96	767969	25.0	24.1	
68 2,4-Dinitrophenol	184	7.278	7.283	-0.005	90	209348	50.0	43.5	a
69 4-Nitrophenol	65	7.348	7.354	-0.006	97	371711	50.0	47.9	
70 2,4-Dinitrotoluene	165	7.407	7.407	0.000	92	259912	25.0	25.4	
71 Dibenzofuran	168	7.419	7.419	0.000	98	1047209	25.0	24.4	
72 2,3,4,6-Tetrachlorophenol	232	7.536	7.536	0.000	96	253345	25.0	24.8	
73 Diethyl phthalate	149	7.648	7.654	-0.006	98	843390	25.0	23.4	
75 4-Chlorophenyl phenyl ether	204	7.748	7.748	0.000	87	420005	25.0	24.0	
74 Fluorene	166	7.742	7.748	-0.006	95	851694	25.0	24.1	
76 4-Nitroaniline	138	7.766	7.783	-0.017	95	198668	25.0	24.5	
77 4,6-Dinitro-2-methylphenol	198	7.795	7.807	-0.012	84	265337	50.0	43.9	
78 N-Nitrosodiphenylamine	169	7.860	7.866	-0.006	90	601456	25.0	24.5	
79 1,2-Diphenylhydrazine	77	7.901	7.901	0.000	98	876152	25.0	24.2	
81 4-Bromophenyl phenyl ether	248	8.213	8.213	0.000	91	271907	25.0	24.6	
82 Hexachlorobenzene	284	8.278	8.277	0.001	95	294608	25.0	24.4	
83 Atrazine	200	8.377	8.377	0.000	91	249038	25.0	25.5	
84 Pentachlorophenol	266	8.460	8.460	0.000	93	367516	50.0	47.5	
85 Pentachloronitrobenzene	237	8.477	8.477	0.000	90	135097	25.0	24.5	
86 n-Octadecane	57	8.560	8.554	0.006	90	779099	25.0	24.0	
* 87 Phenanthrene-d10	188	8.636	8.636	0.000	98	1715181	40.0	40.0	
88 Phenanthrene	178	8.660	8.660	0.000	97	1224629	25.0	23.6	
89 Anthracene	178	8.707	8.707	0.000	99	1283134	25.0	23.7	
90 Carbazole	167	8.860	8.860	0.000	96	1062383	25.0	23.8	
91 Di-n-butyl phthalate	149	9.207	9.207	0.000	100	1378800	25.0	23.4	a
92 Fluoranthene	202	9.795	9.795	0.000	98	1326202	25.0	23.9	
93 Benzidine	184	9.924	9.918	0.006	99	510441	25.0	19.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Pyrene	202	10.013	10.007	0.006	98	1362550	25.0	24.7	
95 Bisphenol-A	213	10.066	10.060	0.006	98	640863	25.0	24.8	
97 Butyl benzyl phthalate	149	10.671	10.671	0.000	98	583076	25.0	25.1	
99 Carbamazepine	193	10.777	10.777	0.000	93	528111	25.0	24.3	
100 3,3'-Dichlorobenzidine	252	11.248	11.248	0.000	99	453209	25.0	23.6	
101 Benzo[a]anthracene	228	11.266	11.265	0.001	98	1327437	25.0	25.0	
* 102 Chrysene-d12	240	11.283	11.277	0.006	99	1486285	40.0	40.0	
103 Chrysene	228	11.313	11.312	0.001	99	1262481	25.0	24.7	
104 Bis(2-ethylhexyl) phthalate	149	11.336	11.330	0.006	89	806686	25.0	23.7	
105 Di-n-octyl phthalate	149	12.160	12.154	0.006	97	1396772	25.0	24.5	
106 Benzo[b]fluoranthene	252	12.630	12.630	0.000	98	1196211	25.0	23.9	
107 Benzo[k]fluoranthene	252	12.671	12.671	0.000	98	1306277	25.0	26.3	
108 Benzo[a]pyrene	252	13.077	13.071	0.006	98	1170809	25.0	27.9	
* 109 Perylene-d12	264	13.165	13.154	0.011	100	1583752	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.701	14.700	0.001	98	1074535	25.0	24.5	
111 Dibenz(a,h)anthracene	278	14.742	14.742	0.000	99	1094202	25.0	26.0	
112 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	97	1074497	25.0	25.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_ICV_00002 Amount Added: 1.00 Units: mL

Report Date: 13-Aug-2020 07:53:10 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57329.d

Injection Date: 12-Aug-2020 19:25:30 Instrument ID: CBNAMS11 Operator ID:

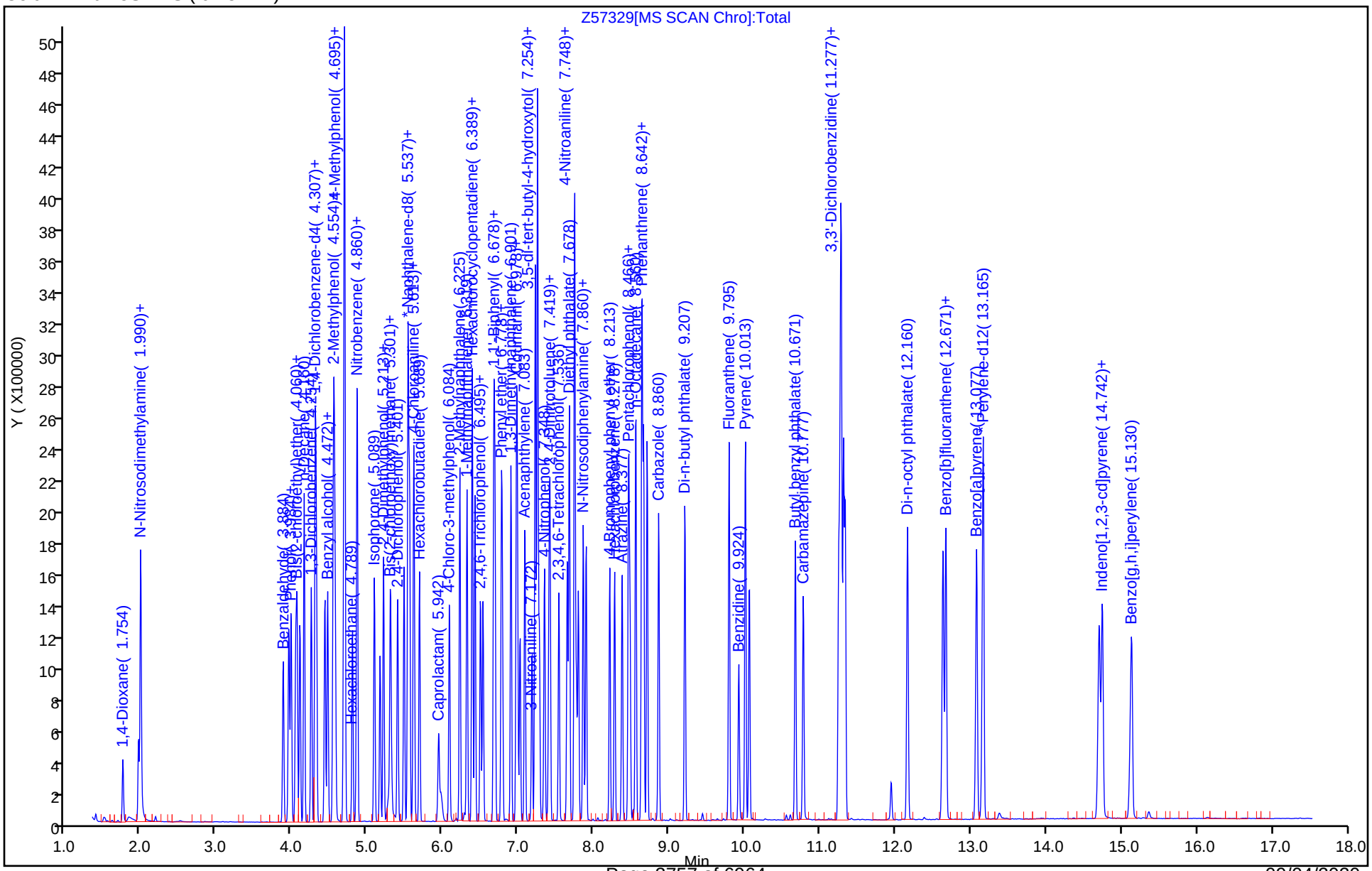
Lims ID: icv Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

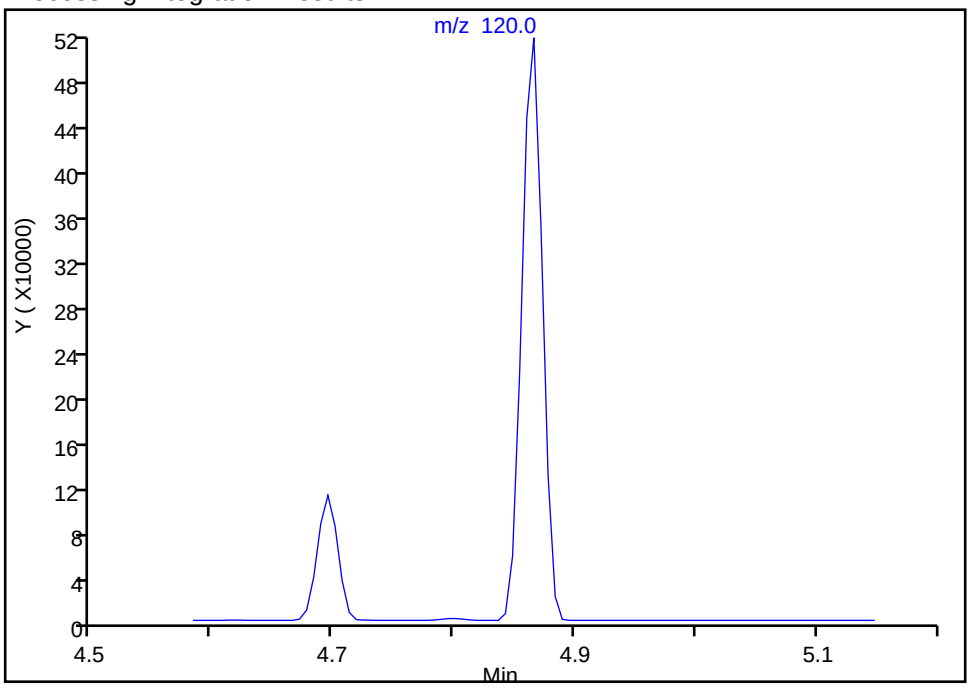
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57329.d
Injection Date: 12-Aug-2020 19:25:30 Instrument ID: CBNAMS11
Lims ID: icv
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

28 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

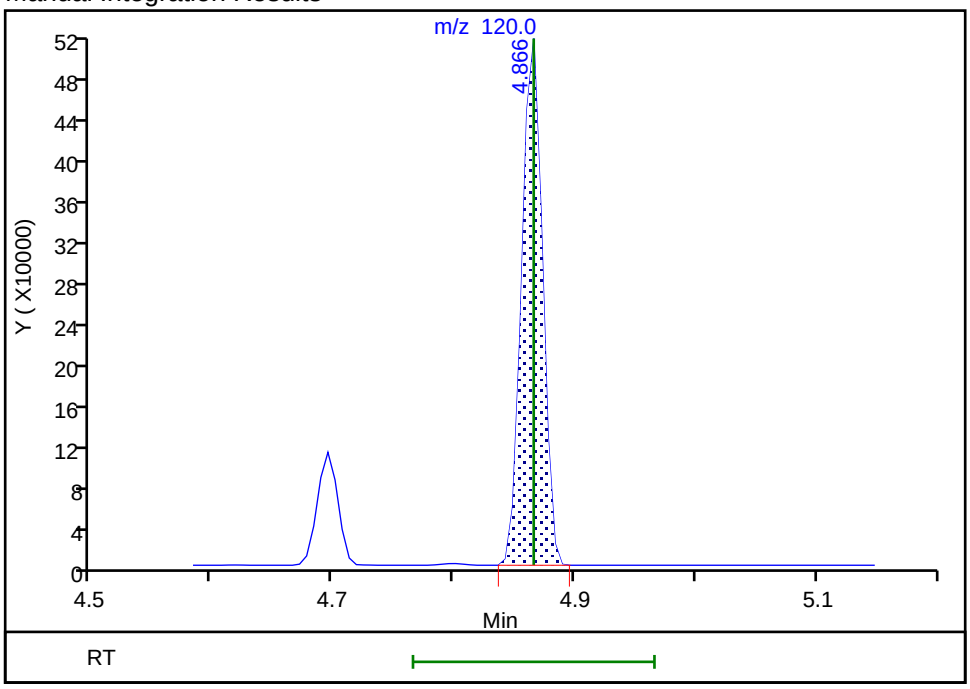
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.87
Area: 608541
Amount: 24.341559
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:29:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

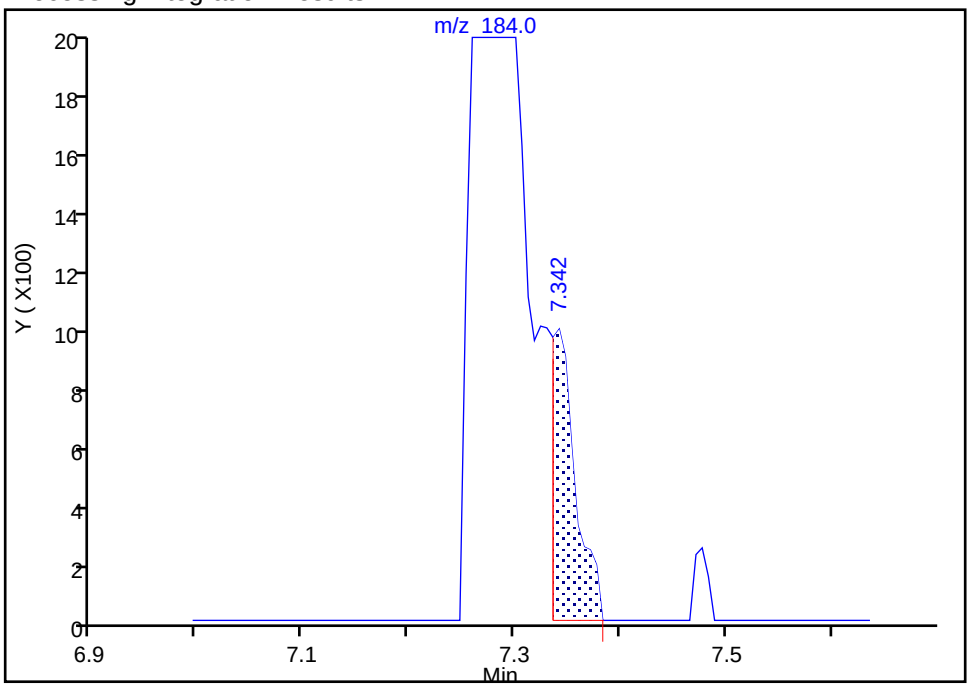
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57329.d				
Injection Date:	12-Aug-2020 19:25:30	Instrument ID:	CBNAMS11		
Lims ID:	icv				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

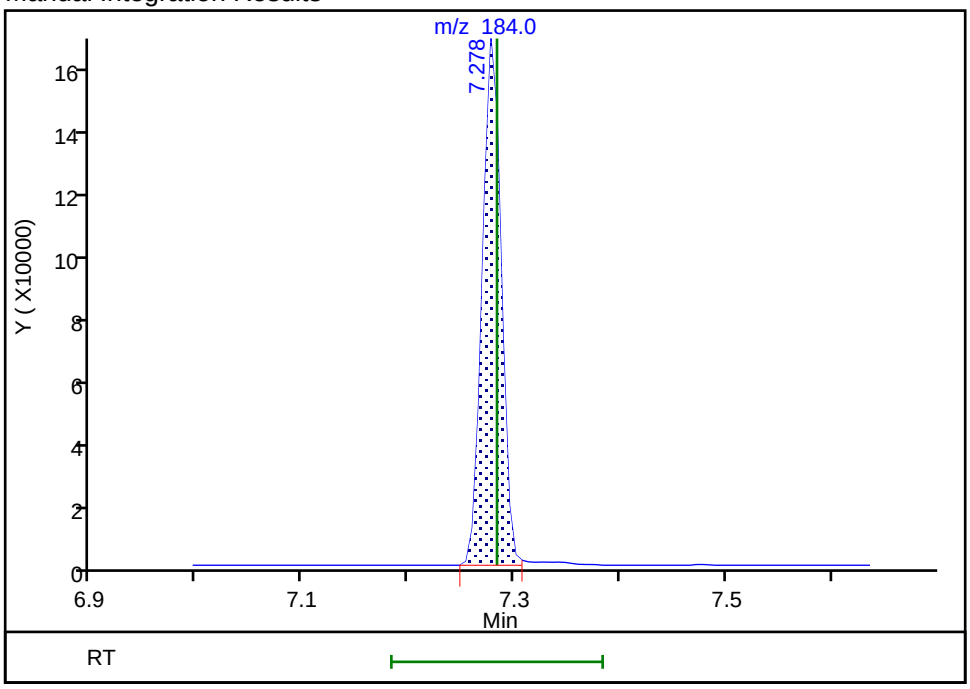
Processing Integration Results

RT: 7.34
Area: 1576
Amount: 2.905152
Amount Units: ug/ml



Manual Integration Results

RT: 7.28
Area: 209348
Amount: 43.538013
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:29:45

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

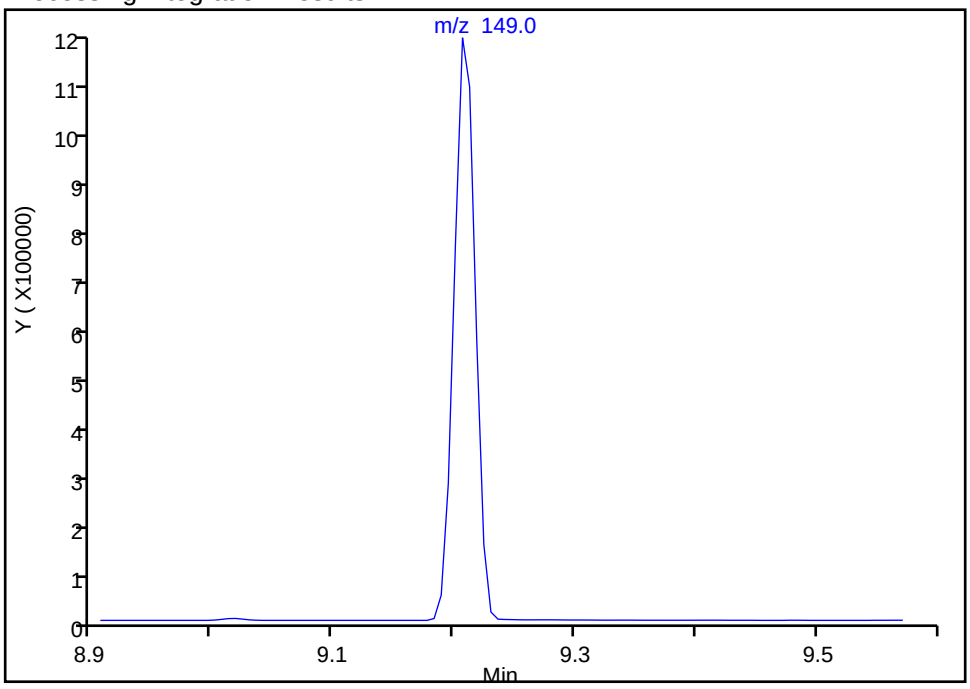
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57329.d				
Injection Date:	12-Aug-2020 19:25:30	Instrument ID:	CBNAMS11		
Lims ID:	icv				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

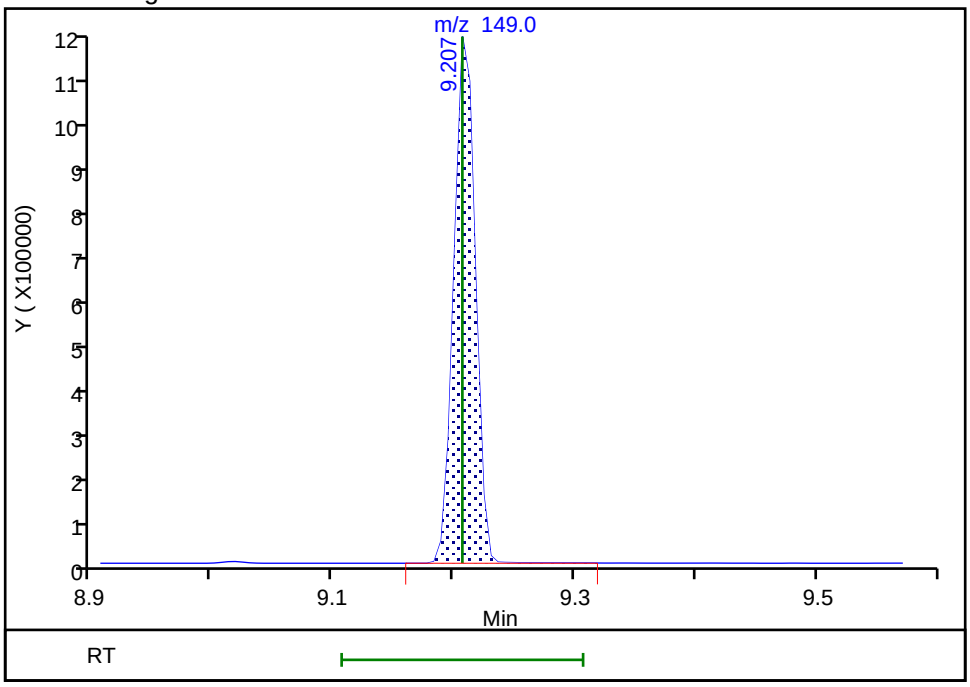
Not Detected
Expected RT: 9.21

Processing Integration Results



Manual Integration Results

RT: 9.21
Area: 1378800
Amount: 23.389799
Amount Units: ug/ml



Reviewer: johnstonm1, 13-Aug-2020 07:29:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720401/2 Calibration Date: 08/29/2020 00:47

Instrument ID: CBNAMS11 Calib Start Date: 08/12/2020 15:52

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/12/2020 19:02

Lab File ID: Z57866.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5318	0.5313	0.0100	50000	50000	-0.0	20.0
N-Nitrosodimethylamine	Ave	0.8248	0.8036		48700	50000	-2.6	20.0
Pyridine	Ave	1.402	1.254		89400	100000	-10.6	20.0
Benzaldehyde	Ave	1.175	1.313	0.0100	22300	20000	11.7	20.0
Aniline	Ave	2.201	2.262		51400	50000	2.7	20.0
Phenol	Ave	1.872	1.952	0.8000	52100	50000	4.3	20.0
Bis(2-chloroethyl)ether	Ave	1.378	1.461	0.7000	53000	50000	6.0	20.0
2-Chlorophenol	Ave	1.408	1.440	0.8000	51100	50000	2.3	20.0
n-Decane	Ave	2.124	2.051	0.0100	48300	50000	-3.4	20.0
1,3-Dichlorobenzene	Ave	1.589	1.627		51200	50000	2.4	20.0
1,4-Dichlorobenzene	Ave	1.619	1.659		51200	50000	2.4	20.0
Benzyl alcohol	Ave	0.8866	0.8906	0.0100	50200	50000	0.4	20.0
1,2-Dichlorobenzene	Ave	1.527	1.553		50900	50000	1.8	20.0
2-Methylphenol	Ave	1.233	1.268	0.7000	51400	50000	2.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.676	2.636	0.0100	49300	50000	-1.5	20.0
N-Methylaniline	Ave	2.203	2.196		49900	50000	-0.3	20.0
Acetophenone	Ave	2.081	2.094	0.0100	50300	50000	0.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.098	1.094	0.5000	49800	50000	-0.3	20.0
3 & 4 Methylphenol	Ave	1.441	1.349		46800	50000	-6.3	20.0
4-Methylphenol	Ave	1.441	1.349	0.6000	46800	50000	-6.3	20.0
Hexachloroethane	Ave	0.5877	0.5988	0.3000	50900	50000	1.9	20.0
n,n'-Dimethylaniline	Ave	2.092	2.055	0.0100	49100	50000	-1.8	20.0
Nitrobenzene	Ave	0.6772	0.7307	0.2000	53900	50000	7.9	20.0
Isophorone	Ave	0.7282	0.7438	0.4000	51100	50000	2.1	20.0
2-Nitrophenol	Ave	0.1963	0.2043	0.1000	52000	50000	4.0	20.0
2,4-Dimethylphenol	Ave	0.3166	0.3217	0.2000	50800	50000	1.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4592	0.4611	0.3000	50200	50000	0.4	20.0
Benzoic acid	Ave	0.2059	0.1572		38200	50000	-23.6*	20.0
2,4-Dichlorophenol	Ave	0.3161	0.3226	0.2000	51000	50000	2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3548	0.3693		52000	50000	4.1	20.0
Naphthalene	Ave	1.074	1.095	0.7000	51000	50000	2.0	20.0
4-Chloroaniline	Ave	0.4453	0.4496	0.0100	50500	50000	1.0	20.0
Hexachlorobutadiene	Ave	0.2319	0.2416	0.0100	52100	50000	4.2	20.0
Caprolactam	Ave	0.0908	0.0894	0.0100	19700	20000	-1.5	20.0
4-Chloro-3-methylphenol	Ave	0.3165	0.3267		51600	50000	3.2	20.0
2-Methylnaphthalene	Ave	0.6985	0.7208	0.4000	51600	50000	3.2	20.0
1-Methylnaphthalene	Ave	0.6554	0.6771	0.0100	51700	50000	3.3	20.0
Hexachlorocyclopentadiene	Ave	0.5346	0.4395	0.0500	41100	50000	-17.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7048	0.7140	0.0100	50600	50000	1.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4749	0.4664	0.0100	49100	50000	-1.8	20.0
2,4,6-Trichlorophenol	Ave	0.4695	0.4664	0.2000	49700	50000	-0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720401/2 Calibration Date: 08/29/2020 00:47

Instrument ID: CBNAMS11 Calib Start Date: 08/12/2020 15:52

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/12/2020 19:02

Lab File ID: Z57866.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.5112	0.5043	0.2000	49300	50000	-1.4	20.0
1,1'-Biphenyl	Ave	1.629	1.606	0.0100	49300	50000	-1.5	20.0
2-Chloronaphthalene	Ave	1.281	1.295	0.8000	50500	50000	1.1	20.0
Phenyl ether	Ave	0.8534	0.8662	0.0100	50800	50000	1.5	20.0
2-Nitroaniline	Ave	0.5430	0.4965	0.0100	45700	50000	-8.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9475	0.9786	0.0100	51600	50000	3.3	20.0
Dimethyl phthalate	Ave	1.488	1.510	0.0100	50800	50000	1.5	20.0
Coumarin	Ave	0.2519	0.2624	0.0100	52100	50000	4.1	20.0
2,6-Dinitrotoluene	Ave	0.3203	0.3340	0.2000	52100	50000	4.3	20.0
Acenaphthylene	Ave	1.925	1.913	0.9000	49700	50000	-0.6	20.0
3-Nitroaniline	Ave	0.5405	0.5286	0.0100	48900	50000	-2.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.328	1.281	0.0100	48200	50000	-3.5	20.0
Acenaphthene	Ave	1.302	1.163	0.9000	44700	50000	-10.7	20.0
2,4-Dinitrophenol	Lin2		0.1504	0.0100	73200	100000	-26.8*	20.0
4-Nitrophenol	Ave	0.3232	0.3141	0.0100	97200	100000	-2.8	20.0
Dibenzofuran	Ave	1.787	1.822	0.8000	51000	50000	2.0	20.0
2,4-Dinitrotoluene	Ave	0.4265	0.4593	0.2000	53900	50000	7.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4251	0.4153	0.0100	48800	50000	-2.3	20.0
Diethyl phthalate	Ave	1.502	1.492	0.0100	49700	50000	-0.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.7290	0.7526	0.4000	51600	50000	3.2	20.0
Fluorene	Ave	1.470	1.480	0.9000	50300	50000	0.7	20.0
4-Nitroaniline	Ave	0.3372	0.3287	0.0100	48700	50000	-2.5	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1140	0.0100	79500	100000	-20.5*	20.0
N-Nitrosodiphenylamine	Ave	0.5715	0.5493	0.0100	48100	50000	-3.9	20.0
1,2-Diphenylhydrazine	Ave	0.8458	0.7909	0.0100	46800	50000	-6.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2580	0.2538	0.1000	49200	50000	-1.6	20.0
Hexachlorobenzene	Ave	0.2818	0.2754	0.1000	48900	50000	-2.3	20.0
Atrazine	Ave	0.2280	0.2334	0.0100	20500	20000	2.4	20.0
Pentachlorophenol	Ave	0.1803	0.1514	0.0500	84000	100000	-16.0	20.0
Pentachloronitrobenzene	Ave	0.1284	0.1238	0.0100	48200	50000	-3.6	20.0
n-Octadecane	Ave	0.7566	0.6809	0.0100	45000	50000	-10.0	20.0
Phenanthrene	Ave	1.212	1.162	0.7000	48000	50000	-4.1	20.0
Anthracene	Ave	1.263	1.212	0.7000	48000	50000	-4.0	20.0
Carbazole	Ave	1.042	1.006	0.0100	48300	50000	-3.5	20.0
Di-n-butyl phthalate	Ave	1.375	1.333	0.0100	48500	50000	-3.0	20.0
Fluoranthene	Ave	1.296	1.256	0.6000	48500	50000	-3.1	20.0
Benzidine	Ave	0.6167	0.5950		48200	50000	-3.5	20.0
Pyrene	Ave	1.487	1.439	0.6000	48400	50000	-3.2	20.0
Bisphenol-A	Ave	0.6951	0.5622		40400	50000	-19.1	20.0
Butyl benzyl phthalate	Ave	0.6251	0.5959	0.0100	47700	50000	-4.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720401/2 Calibration Date: 08/29/2020 00:47

Instrument ID: CBNAMS11 Calib Start Date: 08/12/2020 15:52

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/12/2020 19:02

Lab File ID: Z57866.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2013	0.1879	0.0100	467	500	-6.7	20.0
Carbamazepine	Ave	0.5847	0.5035	0.0100	43100	50000	-13.9	20.0
3,3'-Dichlorobenzidine	Ave	0.5172	0.5235	0.0100	50600	50000	1.2	20.0
Benzo[a]anthracene	Ave	1.427	1.393	0.8000	48800	50000	-2.4	20.0
Chrysene	Ave	1.378	1.339	0.7000	48600	50000	-2.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9169	0.8891	0.0100	48500	50000	-3.0	20.0
Di-n-octyl phthalate	Ave	1.443	1.551	0.0100	53800	50000	7.5	20.0
Benzo[b]fluoranthene	Ave	1.264	1.383	0.7000	54700	50000	9.5	20.0
Benzo[k]fluoranthene	Ave	1.252	1.450	0.7000	57900	50000	15.8	20.0
Benzo[a]pyrene	Ave	1.059	1.197	0.7000	56500	50000	13.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.108	1.246	0.5000	56300	50000	12.5	20.0
Dibenz(a,h)anthracene	Ave	1.063	1.260	0.4000	59300	50000	18.5	20.0
Benzo[g,h,i]perylene	Ave	1.087	1.209	0.5000	55600	50000	11.3	20.0
2-Fluorophenol (Surr)	Ave	1.315	1.396		53100	50000	6.1	20.0
Phenol-d5 (Surr)	Ave	1.718	1.885		54900	50000	9.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4291	0.4513		52600	50000	5.2	20.0
2-Fluorobiphenyl	Ave	1.497	1.615		54000	50000	7.9	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2538	0.2861		56400	50000	12.7	20.0
Terphenyl-d14 (Surr)	Ave	1.099	1.177		53600	50000	7.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57866.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Aug-2020 00:47:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-002
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:19:46 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:38:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.625	1.625	0.000	94	311141	50.0	50.0	
2 N-Nitrosodimethylamine	74	1.837	1.837	0.000	79	470636	50.0	48.7	
3 Pyridine	79	1.861	1.861	0.000	79	1468433	100.0	89.4	
$ 4 2-Fluorophenol	112	2.919	2.919	0.000	89	817375	50.0	53.1	
5 Benzaldehyde	77	3.737	3.737	0.000	92	307471	20.0	22.3	E
$ 6 Phenol-d5	99	3.831	3.831	0.000	98	1103769	50.0	54.9	
8 Aniline	93	3.849	3.849	0.000	86	1324407	50.0	51.4	
7 Phenol	94	3.849	3.849	0.000	80	1143086	50.0	52.1	
9 Bis(2-chloroethyl)ether	93	3.907	3.907	0.000	91	855541	50.0	53.0	
11 2-Chlorophenol	128	3.966	3.966	0.000	92	843268	50.0	51.1	
12 n-Decane	43	4.007	4.007	0.000	92	1201099	50.0	48.3	
13 1,3-Dichlorobenzene	146	4.107	4.107	0.000	95	952547	50.0	51.2	
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	97	468500	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.178	4.178	0.000	93	971328	50.0	51.2	
16 Benzyl alcohol	108	4.307	4.307	0.000	90	521549	50.0	50.2	
17 1,2-Dichlorobenzene	146	4.325	4.325	0.000	95	909652	50.0	50.9	
18 2-Methylphenol	108	4.425	4.425	0.000	88	742681	50.0	51.4	
19 2,2'-oxybis[1-chloropropane]	45	4.431	4.431	0.000	92	1543752	50.0	49.3	
20 N-Methylaniline	106	4.549	4.549	0.000	95	1286013	50.0	49.9	
22 Acetophenone	105	4.566	4.566	0.000	93	1226220	50.0	50.3	
21 N-Nitrosodi-n-propylamine	70	4.566	4.566	0.000	93	640822	50.0	49.8	
24 4-Methylphenol	108	4.584	4.584	0.000	89	790185	50.0	46.8	
23 3 & 4 Methylphenol	108	4.584	4.584	0.000	57	790185	50.0	46.8	
25 Hexachloroethane	117	4.649	4.649	0.000	92	350695	50.0	50.9	
$ 26 Nitrobenzene-d5	82	4.707	4.707	0.000	92	1006411	50.0	52.6	
27 Nitrobenzene	123	4.731	4.731	0.000	88	427900	50.0	53.9	
28 n,n'-Dimethylaniline	120	4.731	4.731	0.000	82	1203454	50.0	49.1	
31 Isophorone	82	4.960	4.960	0.000	99	1658734	50.0	51.1	
32 2-Nitrophenol	139	5.031	5.031	0.000	85	455545	50.0	52.0	
33 2,4-Dimethylphenol	122	5.096	5.096	0.000	89	717476	50.0	50.8	
34 Bis(2-chloroethoxy)methane	93	5.172	5.172	0.000	95	1028301	50.0	50.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.249	5.249	0.000	90	350574	50.0	38.2	
36 2,4-Dichlorophenol	162	5.278	5.278	0.000	94	719518	50.0	51.0	
37 1,2,4-Trichlorobenzene	180	5.349	5.349	0.000	94	823606	50.0	52.0	
* 38 Naphthalene-d8	136	5.401	5.401	0.000	99	1784117	40.0	40.0	
39 Naphthalene	128	5.419	5.419	0.000	99	2443081	50.0	51.0	
40 4-Chloroaniline	127	5.484	5.484	0.000	95	1002564	50.0	50.5	
133 2,6-Dichlorophenol	162	5.490	5.490	0.000	96	732266	NC	NC	
41 Hexachlorobutadiene	225	5.549	5.549	0.000	97	538720	50.0	52.1	
42 Caprolactam	113	5.919	5.919	0.000	85	79750	20.0	19.7	M
43 4-Chloro-3-methylphenol	107	5.972	5.972	0.000	97	728535	50.0	51.6	
44 2-Methylnaphthalene	142	6.090	6.090	0.000	84	1607549	50.0	51.6	
45 1-Methylnaphthalene	142	6.184	6.184	0.000	92	1510081	50.0	51.7	
46 Hexachlorocyclopentadiene	237	6.248	6.248	0.000	98	544314	50.0	41.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.260	6.260	0.000	98	884277	50.0	50.6	
48 2-tertbutyl-4-methylphenol	149	6.301	6.301	0.000	90	1040216	50.0	49.1	
49 2,4,6-Trichlorophenol	196	6.372	6.372	0.000	91	577658	50.0	49.7	
50 2,4,5-Trichlorophenol	196	6.419	6.419	0.000	98	624533	50.0	49.3	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	2000497	50.0	54.0	
52 1,1'-Biphenyl	154	6.543	6.543	0.000	96	1988681	50.0	49.3	
53 2-Chloronaphthalene	162	6.560	6.560	0.000	98	1603528	50.0	50.5	
54 Phenyl ether	170	6.643	6.643	0.000	88	1072834	50.0	50.8	
55 2-Nitroaniline	65	6.666	6.666	0.000	94	614923	50.0	45.7	
57 1,3-Dimethylnaphthalene	156	6.772	6.772	0.000	91	1212014	50.0	51.6	
58 Dimethyl phthalate	163	6.854	6.854	0.000	99	1870400	50.0	50.8	
59 Coumarin	146	6.866	6.866	0.000	78	585134	50.0	52.1	
60 2,6-Dinitrotoluene	165	6.907	6.907	0.000	94	413626	50.0	52.1	
63 Acenaphthylene	152	6.954	6.954	0.000	98	2368779	50.0	49.7	
64 3-Nitroaniline	65	7.066	7.066	0.000	91	654727	50.0	48.9	
* 65 Acenaphthene-d10	164	7.090	7.090	0.000	94	990791	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.119	7.119	0.000	97	1586741	50.0	48.2	
67 Acenaphthene	154	7.125	7.125	0.000	96	1440495	50.0	44.7	
68 2,4-Dinitrophenol	184	7.172	7.172	0.000	93	372574	100.0	73.2	
69 4-Nitrophenol	65	7.260	7.260	0.000	97	778100	100.0	97.2	
71 Dibenzofuran	168	7.290	7.290	0.000	99	2256309	50.0	51.0	
70 2,4-Dinitrotoluene	165	7.295	7.295	0.000	91	568851	50.0	53.9	
72 2,3,4,6-Tetrachlorophenol	232	7.419	7.419	0.000	96	514359	50.0	48.8	
73 Diethyl phthalate	149	7.525	7.525	0.000	98	1847806	50.0	49.7	
74 Fluorene	166	7.613	7.613	0.000	93	1833367	50.0	50.3	
75 4-Chlorophenyl phenyl ether	204	7.613	7.613	0.000	79	932119	50.0	51.6	
76 4-Nitroaniline	138	7.666	7.666	0.000	93	407057	50.0	48.7	
77 4,6-Dinitro-2-methylphenol	198	7.695	7.695	0.000	86	538293	100.0	79.5	
78 N-Nitrosodiphenylamine	169	7.737	7.737	0.000	90	1296826	50.0	48.1	
79 1,2-Diphenylhydrazine	77	7.772	7.772	0.000	98	1867296	50.0	46.8	
$ 80 2,4,6-Tribromophenol	330	7.848	7.848	0.000	95	354339	50.0	56.4	
81 4-Bromophenyl phenyl ether	248	8.084	8.084	0.000	94	599091	50.0	49.2	
82 Hexachlorobenzene	284	8.148	8.148	0.000	96	650087	50.0	48.9	
83 Atrazine	200	8.254	8.254	0.000	91	220375	20.0	20.5	
84 Pentachlorophenol	266	8.348	8.348	0.000	94	715066	100.0	84.0	
85 Pentachloronitrobenzene	237	8.354	8.354	0.000	90	292179	50.0	48.2	
86 n-Octadecane	57	8.425	8.425	0.000	90	1607460	50.0	45.0	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	1888671	40.0	40.0	
88 Phenanthrene	178	8.531	8.531	0.000	97	2744315	50.0	48.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.584	8.584	0.000	99	2861972	50.0	48.0	
90 Carbazole	167	8.742	8.742	0.000	96	2375140	50.0	48.3	
91 Di-n-butyl phthalate	149	9.078	9.078	0.000	100	3147349	50.0	48.5	
92 Fluoranthene	202	9.666	9.666	0.000	98	2965220	50.0	48.5	
93 Benzidine	184	9.801	9.801	0.000	99	1404654	50.0	48.2	
94 Pyrene	202	9.884	9.884	0.000	98	3028063	50.0	48.4	
95 Bisphenol-A	213	9.948	9.948	0.000	98	1183209	50.0	40.4	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	100	2478188	50.0	53.6	
97 Butyl benzyl phthalate	149	10.531	10.531	0.000	98	1254273	50.0	47.7	
98 2,3,7,8-TCDD	320	10.631	10.631	0.000	90	3955	0.5000	0.4667	
99 Carbamazepine	193	10.642	10.642	0.000	93	1059833	50.0	43.1	
100 3,3'-Dichlorobenzidine	252	11.107	11.107	0.000	99	1101823	50.0	50.6	
101 Benzo[a]anthracene	228	11.125	11.125	0.000	98	2932241	50.0	48.8	
* 102 Chrysene-d12	240	11.136	11.136	0.000	99	1683821	40.0	40.0	
103 Chrysene	228	11.166	11.166	0.000	99	2819047	50.0	48.6	
104 Bis(2-ethylhexyl) phthalate	149	11.172	11.172	0.000	89	1871273	50.0	48.5	
105 Di-n-octyl phthalate	149	11.983	11.983	0.000	97	3104144	50.0	53.8	
106 Benzo[b]fluoranthene	252	12.466	12.466	0.000	98	2767437	50.0	54.7	
107 Benzo[k]fluoranthene	252	12.507	12.507	0.000	98	2901352	50.0	57.9	
108 Benzo[a]pyrene	252	12.907	12.907	0.000	98	2394146	50.0	56.5	
* 109 Perylene-d12	264	12.983	12.983	0.000	100	1600746	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.513	14.513	0.000	98	2493468	50.0	56.3	M
111 Dibenz(a,h)anthracene	278	14.542	14.542	0.000	97	2520825	50.0	59.3	
112 Benzo[g,h,i]perylene	276	14.924	14.924	0.000	98	2418979	50.0	55.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 31-Aug-2020 11:19:47 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57866.d

Injection Date: 29-Aug-2020 00:47:30 Instrument ID: CBNAMS11 Operator ID:

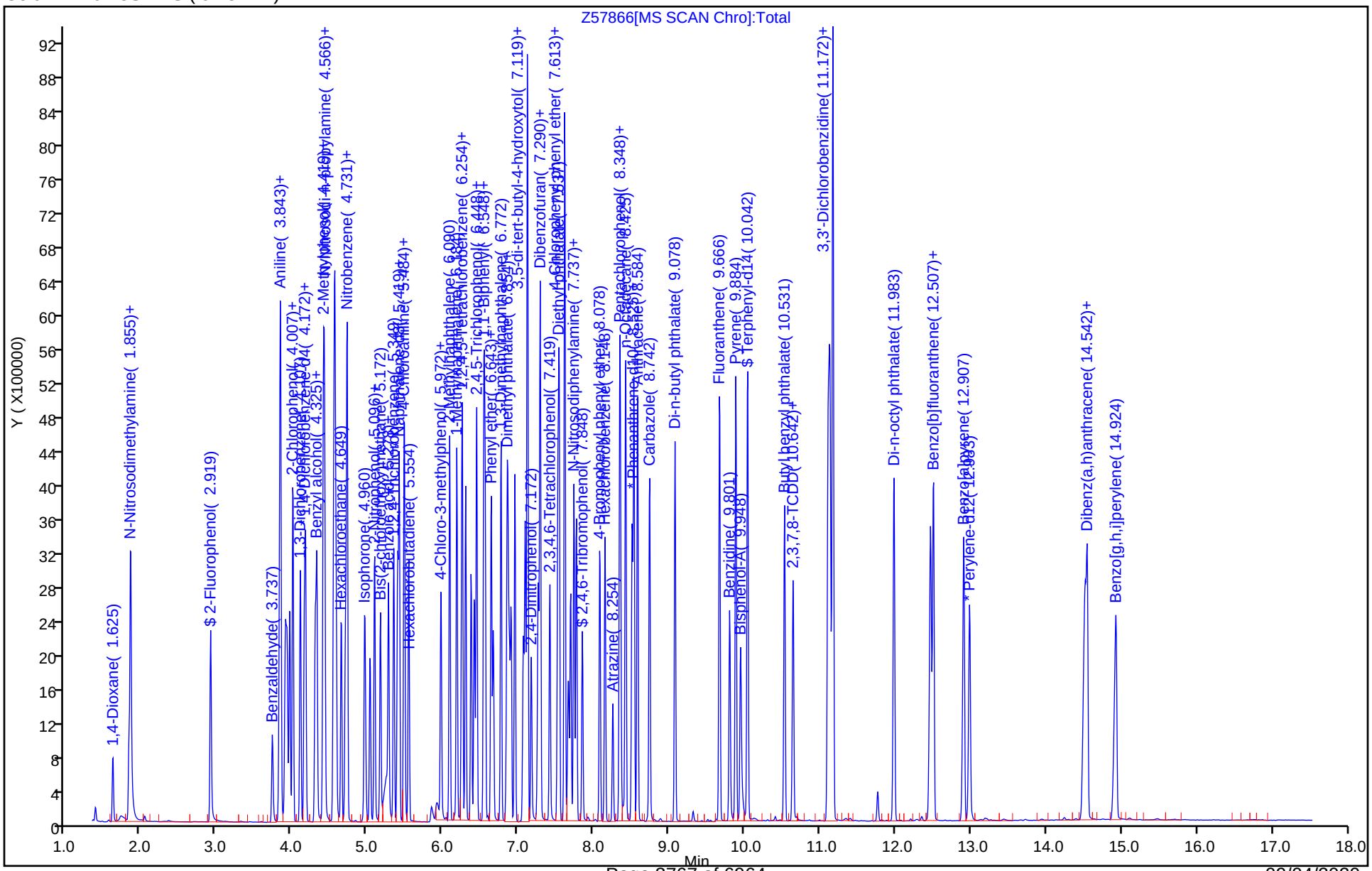
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

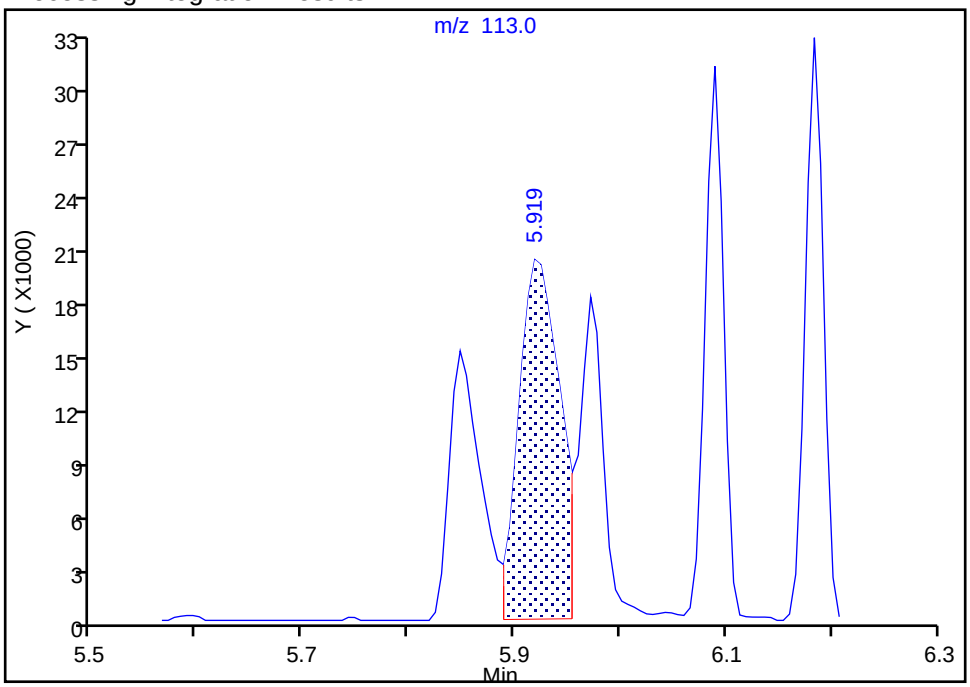
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57866.d				
Injection Date:	29-Aug-2020 00:47:30	Instrument ID:	CBNAMS11		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

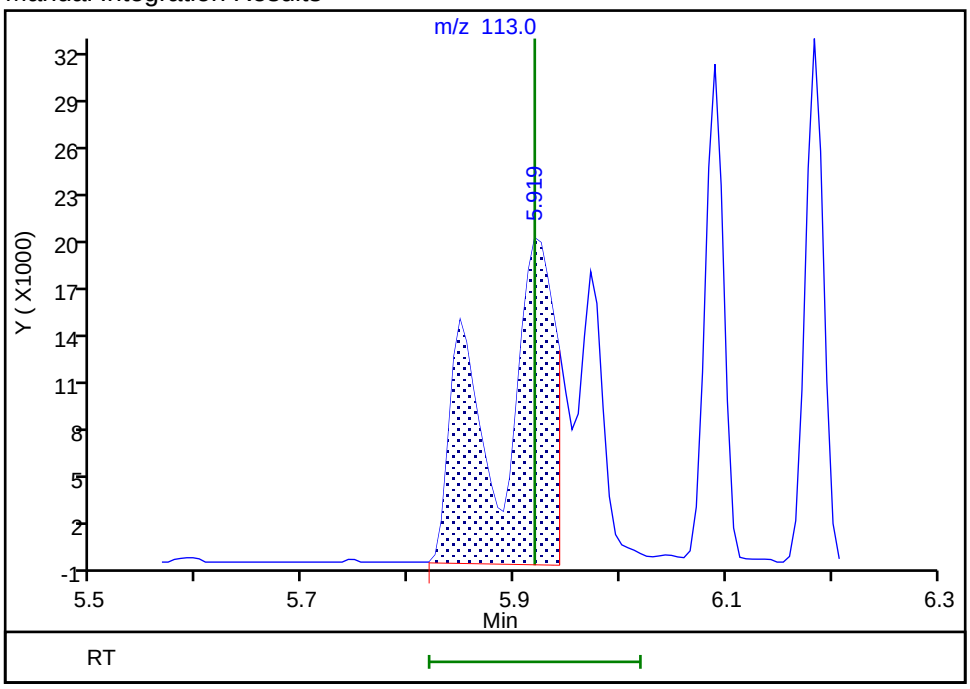
Processing Integration Results

RT: 5.92
Area: 54644
Amount: 13.493978
Amount Units: ug/ml



Manual Integration Results

RT: 5.92
Area: 79750
Amount: 19.693741
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 01:07:32

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

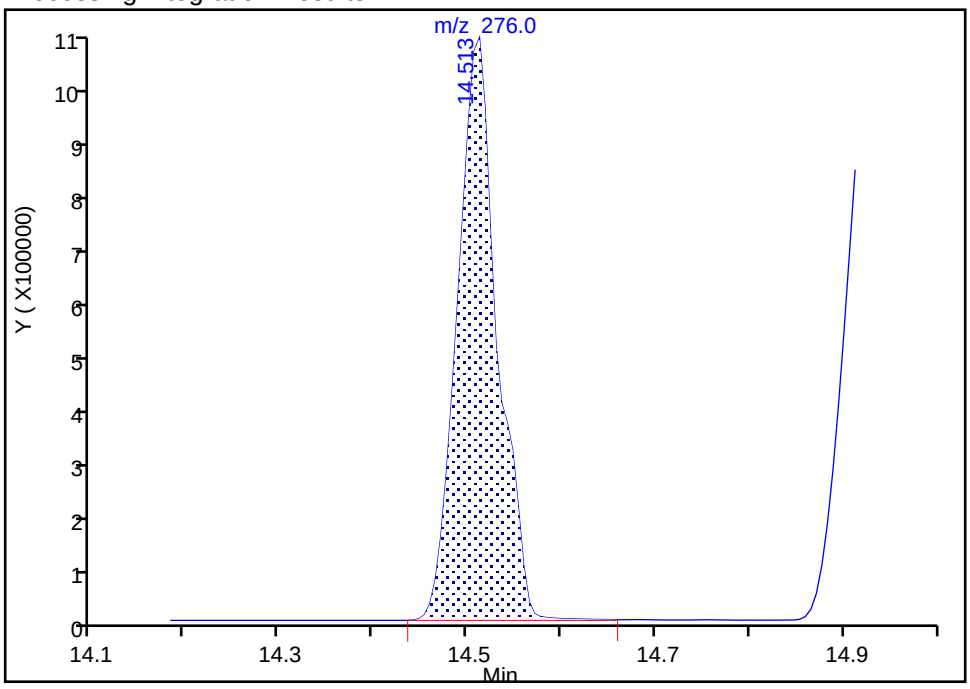
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57866.d				
Injection Date:	29-Aug-2020 00:47:30	Instrument ID:	CBNAMS11		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

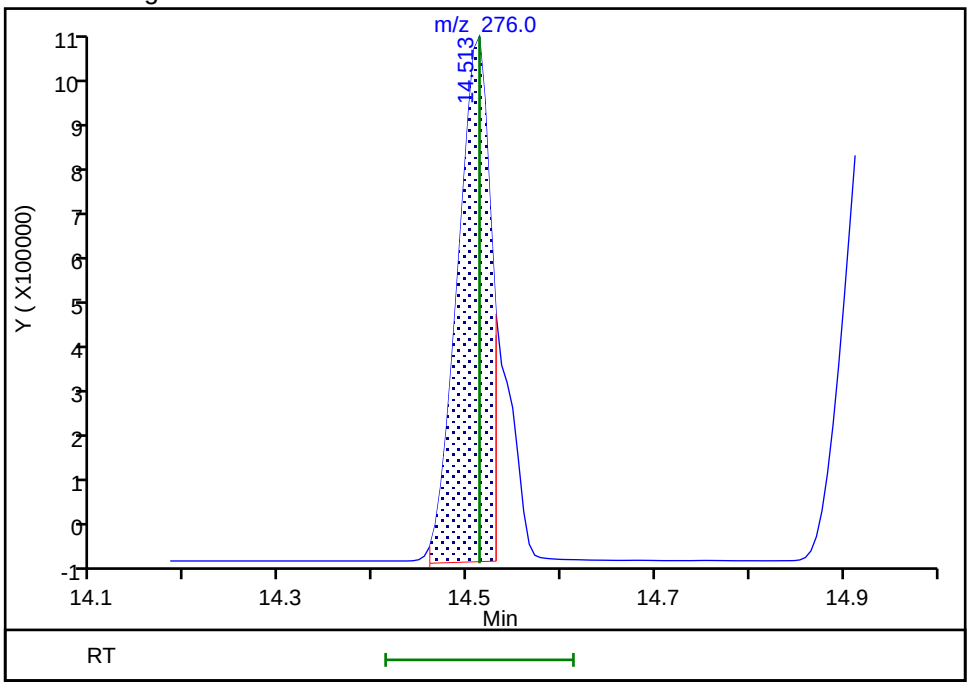
Processing Integration Results

RT: 14.51
Area: 2978877
Amount: 67.202311
Amount Units: ug/ml



Manual Integration Results

RT: 14.51
Area: 2493468
Amount: 56.251672
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 01:07:50

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720113/2 Calibration Date: 08/27/2020 19:44

Instrument ID: CBNAMS12 Calib Start Date: 07/29/2020 13:21

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/29/2020 16:20

Lab File ID: L33416.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4975	0.4621	0.0100	46400	50000	-7.1	20.0
N-Nitrosodimethylamine	Ave	0.8226	0.7725		47000	50000	-6.1	20.0
Pyridine	Ave	1.367	1.295		94700	100000	-5.3	20.0
Benzaldehyde	Ave	1.157	0.7873	0.0100	13600	20000	-31.9*	20.0
Aniline	Ave	2.194	2.141		48800	50000	-2.4	20.0
Phenol	Ave	1.787	1.832	0.8000	51300	50000	2.5	20.0
Bis(2-chloroethyl)ether	Ave	1.327	1.283	0.7000	48400	50000	-3.3	20.0
2-Chlorophenol	Ave	1.374	1.368	0.8000	49800	50000	-0.4	20.0
n-Decane	Ave	1.991	2.212	0.0100	55500	50000	11.1	20.0
1,3-Dichlorobenzene	Ave	1.525	1.496		49000	50000	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.534	1.513		49300	50000	-1.4	20.0
Benzyl alcohol	Ave	0.8755	0.8343	0.0100	47600	50000	-4.7	20.0
1,2-Dichlorobenzene	Ave	1.452	1.426		49100	50000	-1.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.658	2.875	0.0100	54100	50000	8.2	20.0
2-Methylphenol	Ave	1.207	1.177	0.7000	48800	50000	-2.5	20.0
N-Methylaniline	Ave	2.123	2.052		48300	50000	-3.4	20.0
Acetophenone	Ave	1.877	1.876	0.0100	50000	50000	-0.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.034	1.033	0.5000	50000	50000	-0.0	20.0
3 & 4 Methylphenol	Ave	1.390	1.371		49300	50000	-1.3	20.0
4-Methylphenol	Ave	1.390	1.371	0.6000	49300	50000	-1.3	20.0
Hexachloroethane	Ave	0.5466	0.5764	0.3000	52700	50000	5.4	20.0
n,n'-Dimethylaniline	Ave	2.017	1.906	0.0100	47300	50000	-5.5	20.0
Nitrobenzene	Ave	0.6203	0.6168	0.2000	49700	50000	-0.6	20.0
Isophorone	Ave	0.6870	0.6979	0.4000	50800	50000	1.6	20.0
2-Nitrophenol	Ave	0.1712	0.2040	0.1000	59600	50000	19.1	20.0
2,4-Dimethylphenol	Ave	0.3089	0.3123	0.2000	50600	50000	1.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4281	0.4273	0.3000	49900	50000	-0.2	20.0
Benzoic acid	Lin2		0.1096		30100	50000	-39.9*	20.0
2,4-Dichlorophenol	Ave	0.2907	0.3084	0.2000	53000	50000	6.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3240	0.3336		51500	50000	3.0	20.0
Naphthalene	Ave	1.019	1.018	0.7000	50000	50000	-0.0	20.0
4-Chloroaniline	Ave	0.4406	0.4358	0.0100	49500	50000	-1.1	20.0
Hexachlorobutadiene	Ave	0.1786	0.1937	0.0100	54200	50000	8.5	20.0
Caprolactam	Ave	0.0882	0.1038	0.0100	23500	20000	17.7	20.0
4-Chloro-3-methylphenol	Ave	0.3026	0.3152		52100	50000	4.2	20.0
2-Methylnaphthalene	Ave	0.7086	0.7009	0.4000	49500	50000	-1.1	20.0
1-Methylnaphthalene	Ave	0.6602	0.6616	0.0100	50100	50000	0.2	20.0
Hexachlorocyclopentadiene	Ave	0.4181	0.3080	0.0500	36800	50000	-26.3*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6296	0.6515	0.0100	51700	50000	3.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4385	0.4512	0.0100	51400	50000	2.9	20.0
2,4,6-Trichlorophenol	Ave	0.4133	0.4345	0.2000	52600	50000	5.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720113/2 Calibration Date: 08/27/2020 19:44

Instrument ID: CBNAMS12 Calib Start Date: 07/29/2020 13:21

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/29/2020 16:20

Lab File ID: L33416.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4641	0.4829	0.2000	52000	50000	4.1	20.0
1,1'-Biphenyl	Ave	1.669	1.675	0.0100	50200	50000	0.3	20.0
2-Chloronaphthalene	Ave	1.260	1.273	0.8000	50500	50000	1.0	20.0
Phenyl ether	Ave	0.8665	0.8876	0.0100	51200	50000	2.4	20.0
2-Nitroaniline	Ave	0.4860	0.5841	0.0100	60100	50000	20.2*	20.0
1,3-Dimethylnaphthalene	Ave	0.9916	0.996	0.0100	50200	50000	0.5	20.0
Dimethyl phthalate	Ave	1.458	1.493	0.0100	51200	50000	2.4	20.0
Coumarin	Ave	0.2532	0.2534	0.0100	50000	50000	0.0	20.0
2,6-Dinitrotoluene	Ave	0.2911	0.3420	0.2000	58700	50000	17.5	20.0
Acenaphthylene	Ave	2.050	2.032	0.9000	49600	50000	-0.9	20.0
3-Nitroaniline	Ave	0.3587	0.3741	0.0100	52100	50000	4.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.064	1.116	0.0100	52400	50000	4.8	20.0
Acenaphthene	Ave	1.319	1.197	0.9000	45400	50000	-9.2	20.0
2,4-Dinitrophenol	Qua		0.2068	0.0100	128000	100000	27.6*	20.0
4-Nitrophenol	Ave	0.2945	0.3084	0.0100	105000	100000	4.7	20.0
Dibenzofuran	Ave	1.854	1.840	0.8000	49600	50000	-0.8	20.0
2,4-Dinitrotoluene	Ave	0.3807	0.4518	0.2000	59300	50000	18.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3569	0.3479	0.0100	48700	50000	-2.5	20.0
Diethyl phthalate	Ave	1.565	1.596	0.0100	51000	50000	2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6702	0.6839	0.4000	51000	50000	2.1	20.0
Fluorene	Ave	1.483	1.502	0.9000	50700	50000	1.3	20.0
4-Nitroaniline	Ave	0.3679	0.3764	0.0100	51200	50000	2.3	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1344	0.0100	130000	100000	29.8*	20.0
N-Nitrosodiphenylamine	Ave	0.5779	0.5758	0.0100	49800	50000	-0.4	20.0
1,2-Diphenylhydrazine	Ave	0.7920	0.8361	0.0100	52800	50000	5.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2254	0.2249	0.1000	49900	50000	-0.2	20.0
Hexachlorobenzene	Ave	0.2497	0.2514	0.1000	50300	50000	0.7	20.0
Atrazine	Ave	0.2045	0.2124	0.0100	20800	20000	3.8	20.0
Pentachlorophenol	Ave	0.1369	0.1158	0.0500	84600	100000	-15.4	20.0
Pentachloronitrobenzene	Ave	0.0978	0.1084	0.0100	55400	50000	10.8	20.0
n-Octadecane	Ave	0.7371	0.7639	0.0100	51800	50000	3.6	20.0
Phenanthrene	Ave	1.151	1.165	0.7000	50600	50000	1.3	20.0
Anthracene	Ave	1.192	1.189	0.7000	49900	50000	-0.3	20.0
Carbazole	Ave	1.128	1.128	0.0100	50000	50000	-0.0	20.0
Di-n-butyl phthalate	Ave	1.429	1.457	0.0100	51000	50000	2.0	20.0
Fluoranthene	Ave	1.318	1.326	0.6000	50300	50000	0.6	20.0
Benzidine	Ave	0.7569	0.7578		50100	50000	0.1	20.0
Pyrene	Ave	1.587	1.584	0.6000	49900	50000	-0.2	20.0
Bisphenol-A	Ave	0.5870	0.7034		59900	50000	19.8	20.0
Butyl benzyl phthalate	Ave	0.6676	0.7498	0.0100	56200	50000	12.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720113/2 Calibration Date: 08/27/2020 19:44

Instrument ID: CBNAMS12 Calib Start Date: 07/29/2020 13:21

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/29/2020 16:20

Lab File ID: L33416.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2024	0.1927	0.0100	476	500	-4.8	20.0
Carbamazepine	Ave	0.5762	0.6958	0.0100	60400	50000	20.8*	20.0
3,3'-Dichlorobenzidine	Ave	0.5166	0.5371	0.0100	52000	50000	4.0	20.0
Benzo[a]anthracene	Ave	1.422	1.399	0.8000	49200	50000	-1.6	20.0
Chrysene	Ave	1.354	1.359	0.7000	50200	50000	0.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9931	1.071	0.0100	53900	50000	7.8	20.0
Di-n-octyl phthalate	Ave	1.462	1.604	0.0100	54900	50000	9.7	20.0
Benzo[b]fluoranthene	Ave	1.170	1.219	0.7000	52100	50000	4.2	20.0
Benzo[k]fluoranthene	Ave	1.246	1.265	0.7000	50700	50000	1.5	20.0
Benzo[a]pyrene	Ave	1.040	1.080	0.7000	51900	50000	3.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.093	1.226	0.5000	56100	50000	12.1	20.0
Dibenz(a,h)anthracene	Ave	1.074	1.210	0.4000	56300	50000	12.7	20.0
Benzo[g,h,i]perylene	Ave	1.205	1.238	0.5000	51400	50000	2.7	20.0
2-Fluorophenol (Surr)	Ave	1.331	1.302		48900	50000	-2.2	20.0
Phenol-d5 (Surr)	Ave	1.693	1.666		49200	50000	-1.6	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3852	0.4065		52800	50000	5.5	20.0
2-Fluorobiphenyl	Ave	1.543	1.553		50300	50000	0.6	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2104	0.2300		54600	50000	9.3	20.0
Terphenyl-d14 (Surr)	Ave	1.034	1.031		49900	50000	-0.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 27-Aug-2020 19:44:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-002
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:23:12 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: eisam Date: 27-Aug-2020 20:16:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.704	1.704	0.000	87	62838	50.0	46.4	a
2 N-Nitrosodimethylamine	74	1.940	1.940	0.000	70	105058	50.0	47.0	
3 Pyridine	79	1.969	1.969	0.000	70	352120	100.0	94.7	
$ 4 2-Fluorophenol	112	3.116	3.116	0.000	88	177067	50.0	48.9	
5 Benzaldehyde	77	3.940	3.940	0.000	91	42829	20.0	13.6	
$ 6 Phenol-d5	99	4.028	4.028	0.000	0	226568	50.0	49.2	
8 Aniline	93	4.040	4.040	0.000	96	291157	50.0	48.8	
7 Phenol	94	4.040	4.040	0.000	85	249173	50.0	51.3	
9 Bis(2-chloroethyl)ether	93	4.098	4.098	0.000	88	174483	50.0	48.4	
10 2-Chlorophenol	128	4.163	4.163	0.000	90	186064	50.0	49.8	
11 n-Decane	43	4.204	4.204	0.000	92	300787	50.0	55.5	
12 1,3-Dichlorobenzene	146	4.304	4.304	0.000	93	203443	50.0	49.0	
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	96	108794	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.369	4.369	0.000	93	205692	50.0	49.3	
15 Benzyl alcohol	108	4.492	4.492	0.000	89	113456	50.0	47.6	
16 1,2-Dichlorobenzene	146	4.516	4.516	0.000	95	193957	50.0	49.1	
17 2-Methylphenol	108	4.616	4.616	0.000	84	160080	50.0	48.8	
18 2,2'-oxybis[1-chloropropane]	45	4.616	4.616	0.000	91	390964	50.0	54.1	
130 N-Methylaniline	106	4.734	4.734	0.000	93	279019	50.0	48.3	
22 Acetophenone	105	4.745	4.745	0.000	87	255058	50.0	50.0	
21 N-Nitrosodi-n-propylamine	70	4.745	4.745	0.000	95	140531	50.0	50.0	
20 3 & 4 Methylphenol	108	4.763	4.763	0.000	92	186513	50.0	49.3	
19 4-Methylphenol	108	4.763	4.763	0.000	91	186513	50.0	49.3	
25 Hexachloroethane	117	4.839	4.839	0.000	94	78380	50.0	52.7	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	97	199731	50.0	52.8	
27 Nitrobenzene	123	4.910	4.910	0.000	83	83881	50.0	49.7	
28 n,n'-Dimethylaniline	120	4.910	4.910	0.000	96	259269	50.0	47.3	
29 Isophorone	82	5.134	5.134	0.000	97	342848	50.0	50.8	
30 2-Nitrophenol	139	5.210	5.210	0.000	83	100230	50.0	59.6	
31 2,4-Dimethylphenol	122	5.269	5.269	0.000	89	153418	50.0	50.6	
32 Bis(2-chloroethoxy)methane	93	5.339	5.339	0.000	91	209932	50.0	49.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.392	5.392	0.000	92	53847	50.0	30.1	
34 2,4-Dichlorophenol	162	5.451	5.451	0.000	92	151536	50.0	53.0	
35 1,2,4-Trichlorobenzene	180	5.522	5.522	0.000	95	163911	50.0	51.5	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	393027	40.0	40.0	
37 Naphthalene	128	5.592	5.592	0.000	98	500086	50.0	50.0	
38 4-Chloroaniline	127	5.651	5.651	0.000	95	214095	50.0	49.5	
131 2,6-Dichlorophenol	162	5.663	5.663	0.000	94	147790	NC	NC	
39 Hexachlorobutadiene	225	5.716	5.716	0.000	95	95163	50.0	54.2	
40 Caprolactam	113	5.986	5.986	0.000	83	20403	20.0	23.5	M
41 4-Chloro-3-methylphenol	107	6.134	6.134	0.000	97	154876	50.0	52.1	
42 2-Methylnaphthalene	142	6.251	6.251	0.000	83	344331	50.0	49.5	
43 1-Methylnaphthalene	142	6.345	6.345	0.000	92	325016	50.0	50.1	
44 Hexachlorocyclopentadiene	237	6.410	6.410	0.000	96	76643	50.0	36.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.416	6.416	0.000	97	162090	50.0	51.7	
46 2-tertbutyl-4-methylphenol	149	6.457	6.457	0.000	89	221656	50.0	51.4	
48 2,4,6-Trichlorophenol	196	6.533	6.533	0.000	89	108107	50.0	52.6	
49 2,4,5-Trichlorophenol	196	6.575	6.575	0.000	96	120149	50.0	52.0	
$ 50 2-Fluorobiphenyl	172	6.604	6.604	0.000	97	386383	50.0	50.3	
51 1,1'-Biphenyl	154	6.698	6.698	0.000	96	416643	50.0	50.2	
52 2-Chloronaphthalene	162	6.716	6.716	0.000	97	316748	50.0	50.5	
53 Phenyl ether	170	6.792	6.792	0.000	87	220852	50.0	51.2	
54 2-Nitroaniline	65	6.822	6.822	0.000	94	145338	50.0	60.1	
55 1,3-Dimethylnaphthalene	156	6.922	6.922	0.000	91	247816	50.0	50.2	
58 Dimethyl phthalate	163	6.992	6.992	0.000	98	371522	50.0	51.2	
59 Coumarin	146	7.016	7.016	0.000	79	124475	50.0	50.0	
60 2,6-Dinitrotoluene	165	7.051	7.051	0.000	92	85092	50.0	58.7	
61 Acenaphthylene	152	7.104	7.104	0.000	97	505601	50.0	49.6	
62 3-Nitroaniline	138	7.210	7.210	0.000	90	93071	50.0	52.1	
* 63 Acenaphthene-d10	164	7.239	7.239	0.000	97	199045	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.263	7.263	0.000	98	277598	50.0	52.4	
65 Acenaphthene	154	7.269	7.269	0.000	96	297909	50.0	45.4	
66 2,4-Dinitrophenol	184	7.322	7.322	0.000	88	102913	100.0	127.6	
67 4-Nitrophenol	65	7.404	7.404	0.000	94	153448	100.0	104.7	
69 Dibenzofuran	168	7.433	7.433	0.000	98	457734	50.0	49.6	
68 2,4-Dinitrotoluene	165	7.439	7.439	0.000	84	112420	50.0	59.3	
70 2,3,4,6-Tetrachlorophenol	232	7.563	7.563	0.000	93	86549	50.0	48.7	
71 Diethyl phthalate	149	7.663	7.663	0.000	97	397029	50.0	51.0	
73 4-Chlorophenyl phenyl ether	204	7.757	7.757	0.000	75	170164	50.0	51.0	
74 Fluorene	166	7.757	7.757	0.000	96	373755	50.0	50.7	
75 4-Nitroaniline	138	7.798	7.798	0.000	95	93647	50.0	51.2	
76 4,6-Dinitro-2-methylphenol	198	7.833	7.833	0.000	75	124567	100.0	129.8	
77 N-Nitrosodiphenylamine	169	7.875	7.875	0.000	100	266758	50.0	49.8	
78 1,2-Diphenylhydrazine	77	7.910	7.910	0.000	99	387383	50.0	52.8	
$ 79 2,4,6-Tribromophenol	330	7.992	7.992	0.000	95	57217	50.0	54.6	
80 4-Bromophenyl phenyl ether	248	8.222	8.222	0.000	87	104190	50.0	49.9	
81 Hexachlorobenzene	284	8.286	8.286	0.000	98	116482	50.0	50.3	
82 Atrazine	200	8.386	8.386	0.000	87	39365	20.0	20.8	
83 Pentachlorophenol	266	8.480	8.480	0.000	93	107331	100.0	84.6	
84 Pentachloronitrobenzene	237	8.492	8.492	0.000	86	50219	50.0	55.4	
72 n-Octadecane	57	8.557	8.557	0.000	89	353953	50.0	51.8	
* 85 Phenanthrene-d10	188	8.645	8.645	0.000	99	370658	40.0	40.0	
86 Phenanthrene	178	8.669	8.669	0.000	98	539860	50.0	50.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.716	8.716	0.000	98	550929	50.0	49.9	
88 Carbazole	167	8.875	8.875	0.000	96	522437	50.0	50.0	
89 Di-n-butyl phthalate	149	9.204	9.204	0.000	99	675164	50.0	51.0	
90 Fluoranthene	202	9.792	9.792	0.000	98	614566	50.0	50.3	
91 Benzidine	184	9.922	9.922	0.000	99	351083	50.0	50.1	a
92 Pyrene	202	10.004	10.004	0.000	98	623098	50.0	49.9	
93 Bisphenol-A	213	10.063	10.063	0.000	98	276668	50.0	59.9	
$ 94 Terphenyl-d14	244	10.157	10.157	0.000	100	405629	50.0	49.9	
95 Butyl benzyl phthalate	149	10.651	10.651	0.000	97	294929	50.0	56.2	
96 2,3,7,8-TCDD	320	10.763	10.763	0.000	88	758	0.5000	0.4761	
97 Carbamazepine	193	10.769	10.769	0.000	93	273711	50.0	60.4	
98 3,3'-Dichlorobenzidine	252	11.239	11.239	0.000	99	211279	50.0	52.0	
99 Benzo[a]anthracene	228	11.257	11.257	0.000	99	550247	50.0	49.2	
* 100 Chrysene-d12	240	11.274	11.274	0.000	99	314682	40.0	40.0	
101 Chrysene	228	11.304	11.304	0.000	99	534550	50.0	50.2	
102 Bis(2-ethylhexyl) phthalate	149	11.310	11.310	0.000	89	421269	50.0	53.9	
103 Di-n-octyl phthalate	149	12.145	12.145	0.000	96	750496	50.0	54.9	
104 Benzo[b]fluoranthene	252	12.639	12.639	0.000	98	570316	50.0	52.1	
105 Benzo[k]fluoranthene	252	12.674	12.674	0.000	99	591815	50.0	50.7	
106 Benzo[a]pyrene	252	13.092	13.092	0.000	97	505128	50.0	51.9	
* 107 Perylene-d12	264	13.168	13.168	0.000	98	374299	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.751	14.751	0.000	99	573749	50.0	56.1	M
109 Dibenz(a,h)anthracene	278	14.786	14.786	0.000	95	566211	50.0	56.3	
110 Benzo[g,h,i]perylene	276	15.192	15.192	0.000	97	579239	50.0	51.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 28-Aug-2020 09:23:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d

Injection Date: 27-Aug-2020 19:44:30 Instrument ID: CBNAMS12 Operator ID:

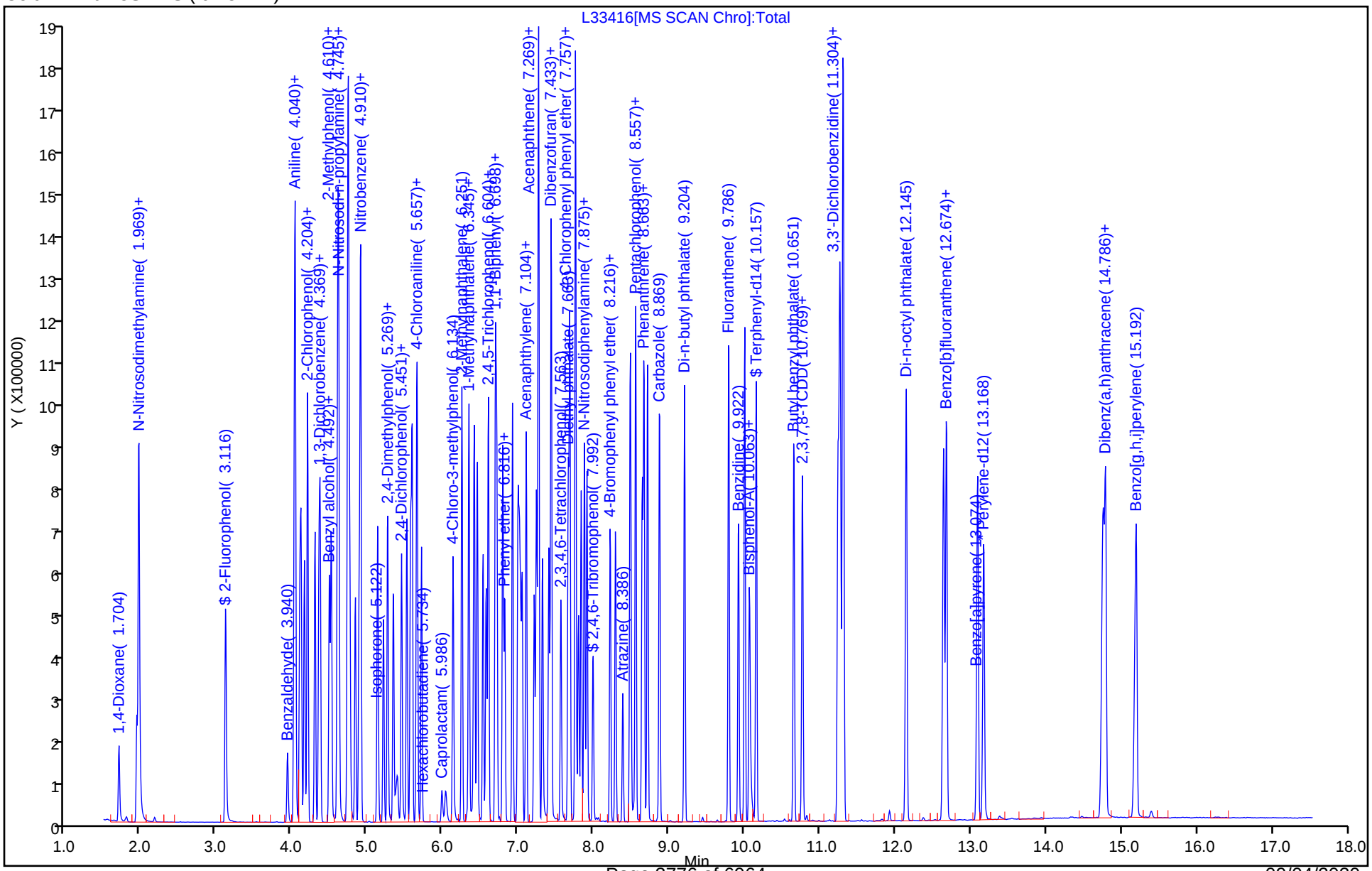
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

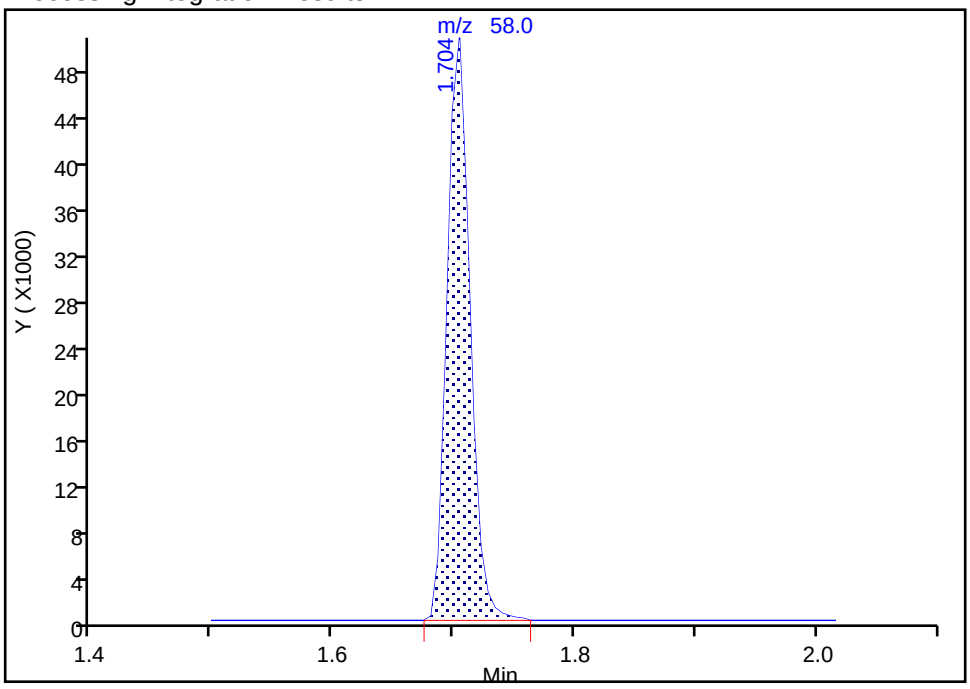
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d				
Injection Date:	27-Aug-2020 19:44:30	Instrument ID:	CBNAMS12		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

1 1,4-Dioxane, CAS: 123-91-1

Signal: 2

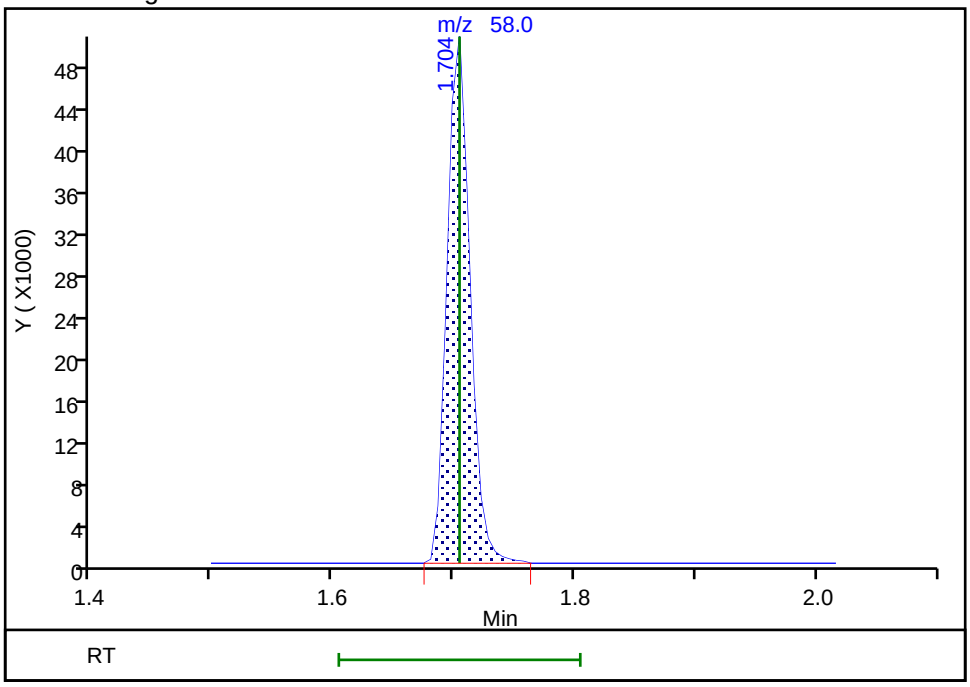
Processing Integration Results

RT: 1.70
Area: 65438
Amount: 46.439223
Amount Units: ug/ml



Manual Integration Results

RT: 1.70
Area: 65438
Amount: 46.439223
Amount Units: ug/ml



Reviewer: eisam, 27-Aug-2020 20:15:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

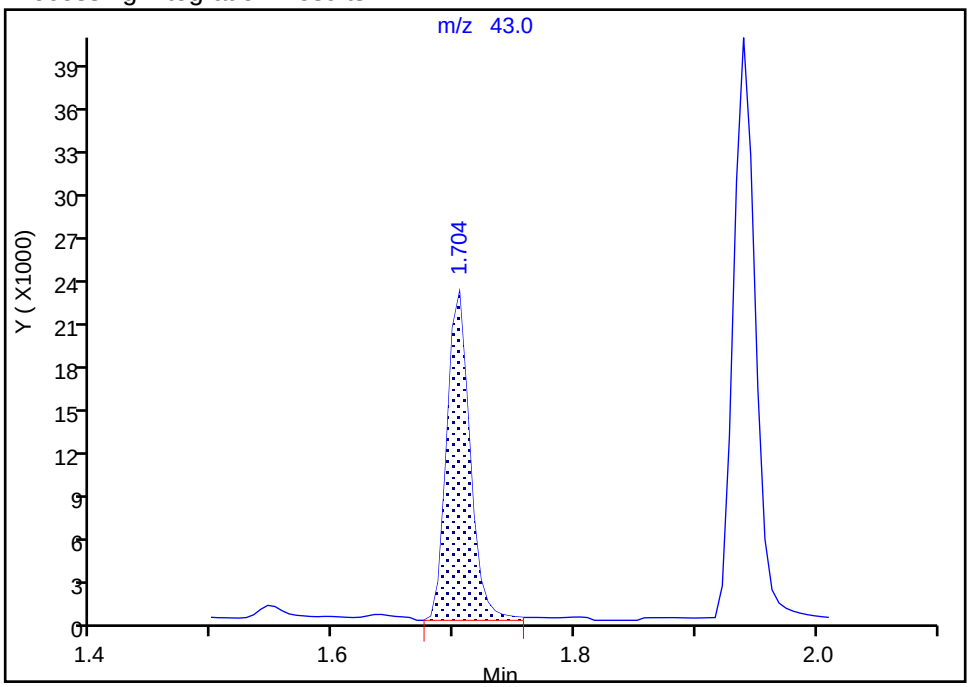
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d
Injection Date: 27-Aug-2020 19:44:30 Instrument ID: CBNAMS12
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 3

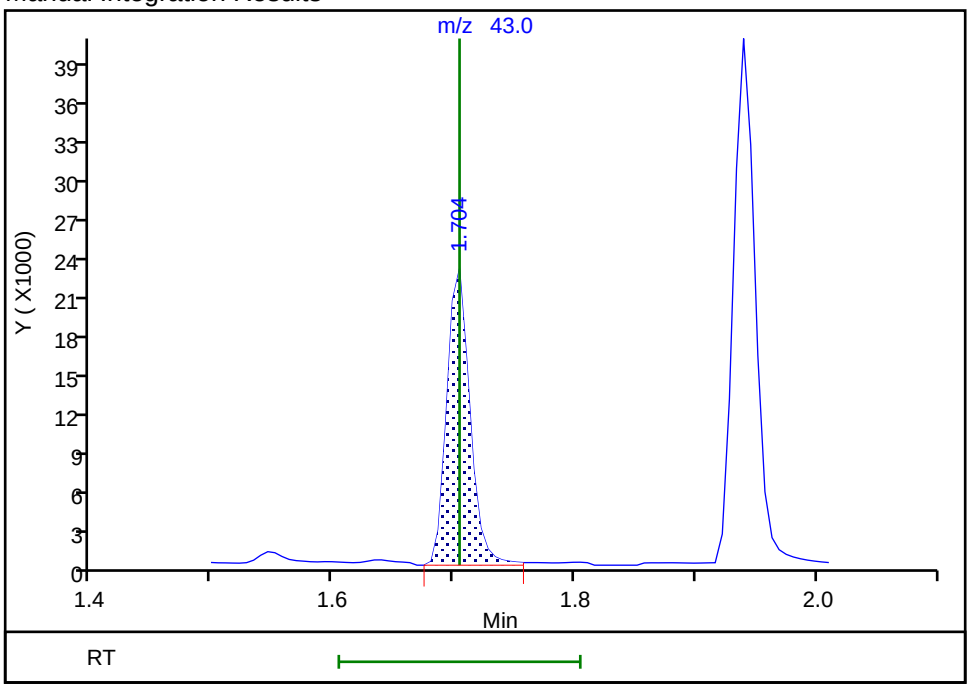
Processing Integration Results

RT: 1.70
Area: 30098
Amount: 46.439223
Amount Units: ug/ml



Manual Integration Results

RT: 1.70
Area: 30098
Amount: 46.439223
Amount Units: ug/ml



Reviewer: eisam, 27-Aug-2020 20:15:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

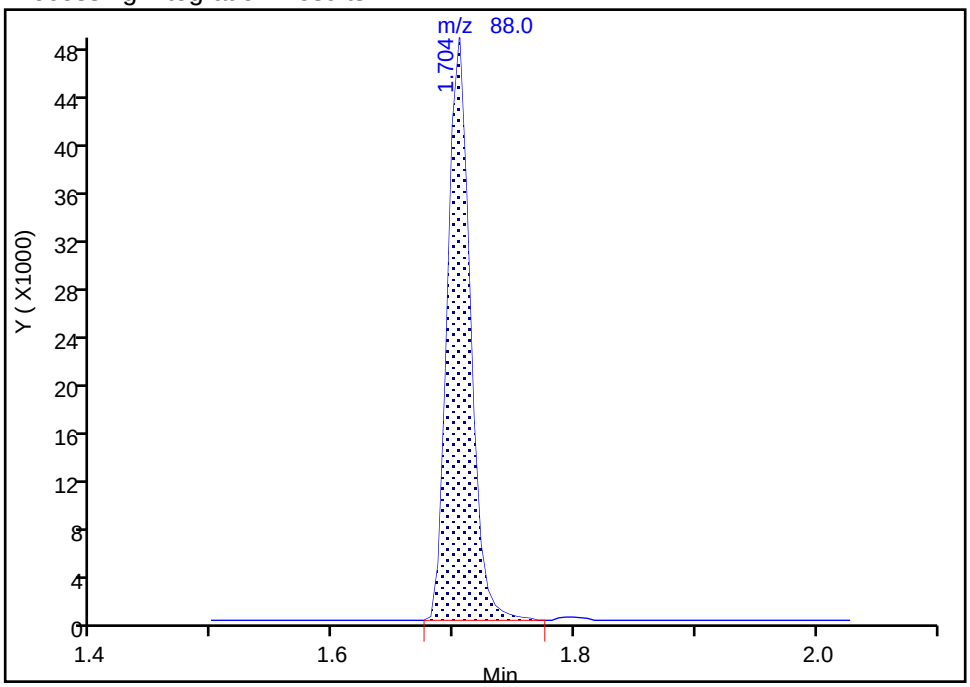
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d
Injection Date: 27-Aug-2020 19:44:30 Instrument ID: CBNAMS12
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

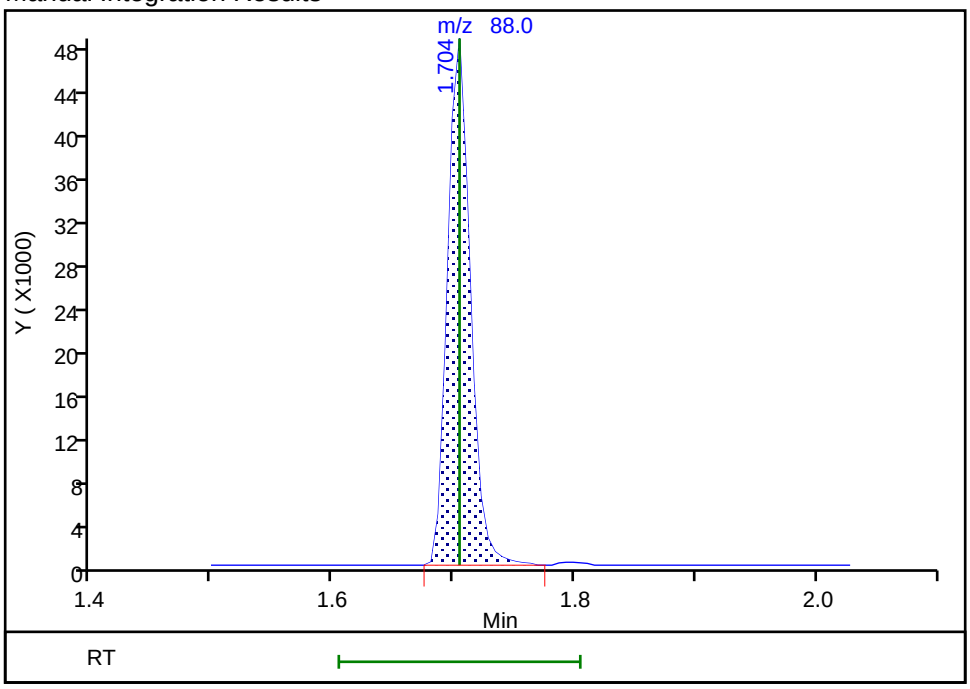
Processing Integration Results

RT: 1.70
Area: 62838
Amount: 46.439223
Amount Units: ug/ml



Manual Integration Results

RT: 1.70
Area: 62838
Amount: 46.439223
Amount Units: ug/ml



Reviewer: eisam, 27-Aug-2020 20:15:23
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

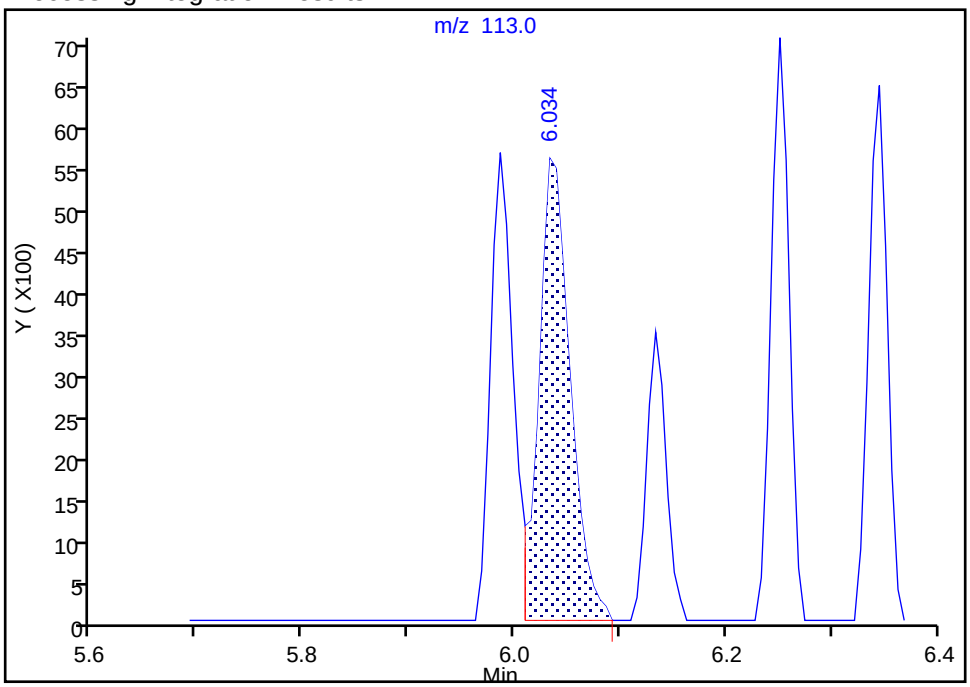
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d				
Injection Date:	27-Aug-2020 19:44:30	Instrument ID:	CBNAMS12		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

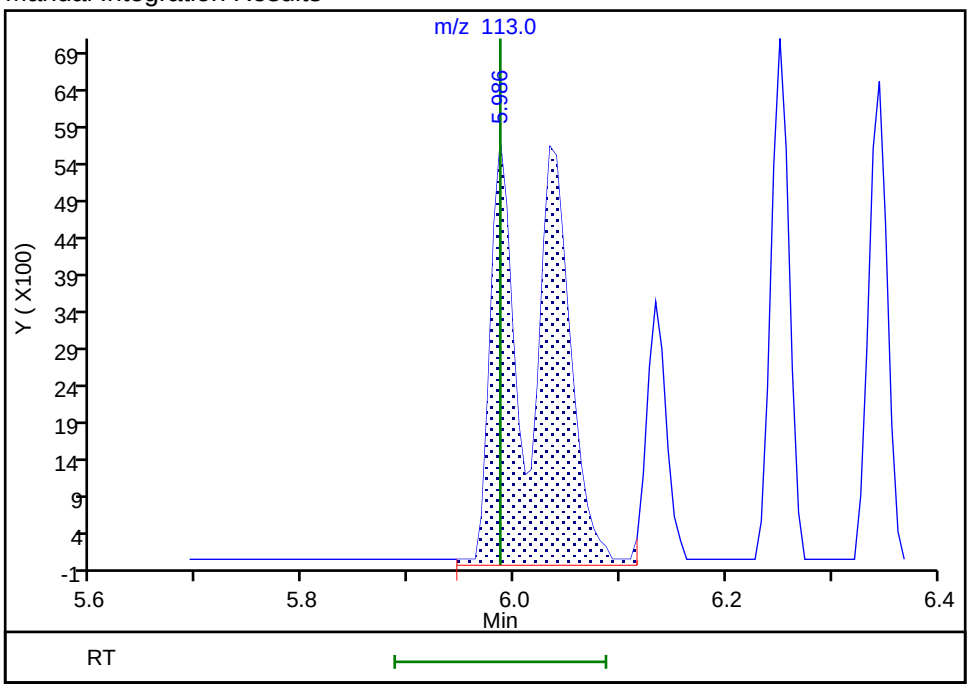
Processing Integration Results

RT: 6.03
Area: 11469
Amount: 13.227818
Amount Units: ug/ml



Manual Integration Results

RT: 5.99
Area: 20403
Amount: 23.531884
Amount Units: ug/ml



Reviewer: khlungprakhons, 28-Aug-2020 12:17:22

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

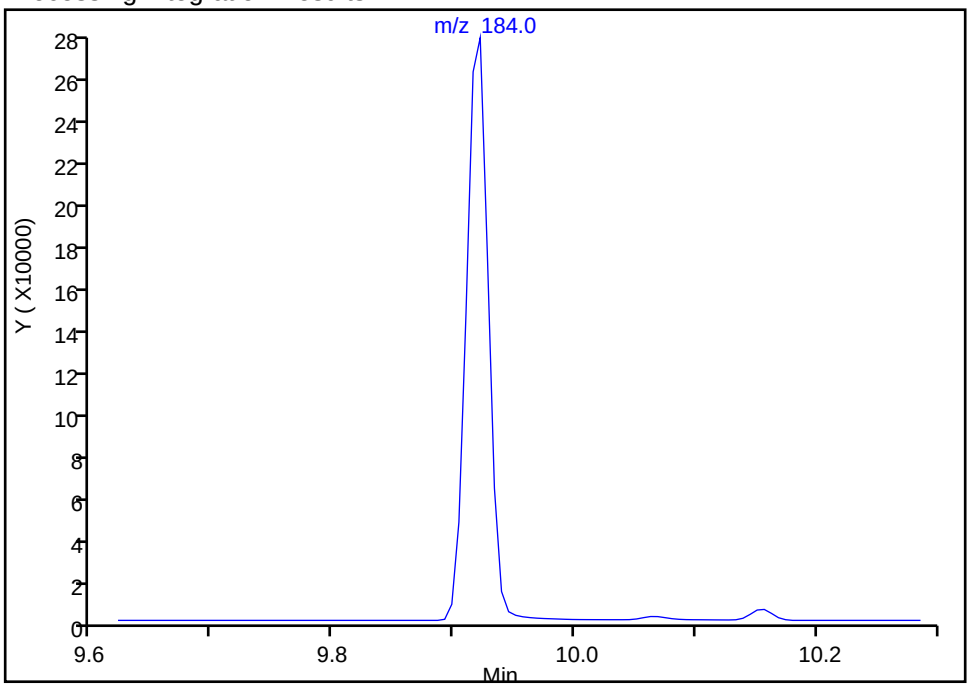
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d
Injection Date: 27-Aug-2020 19:44:30 Instrument ID: CBNAMS12
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Benzidine, CAS: 92-87-5

Signal: 1

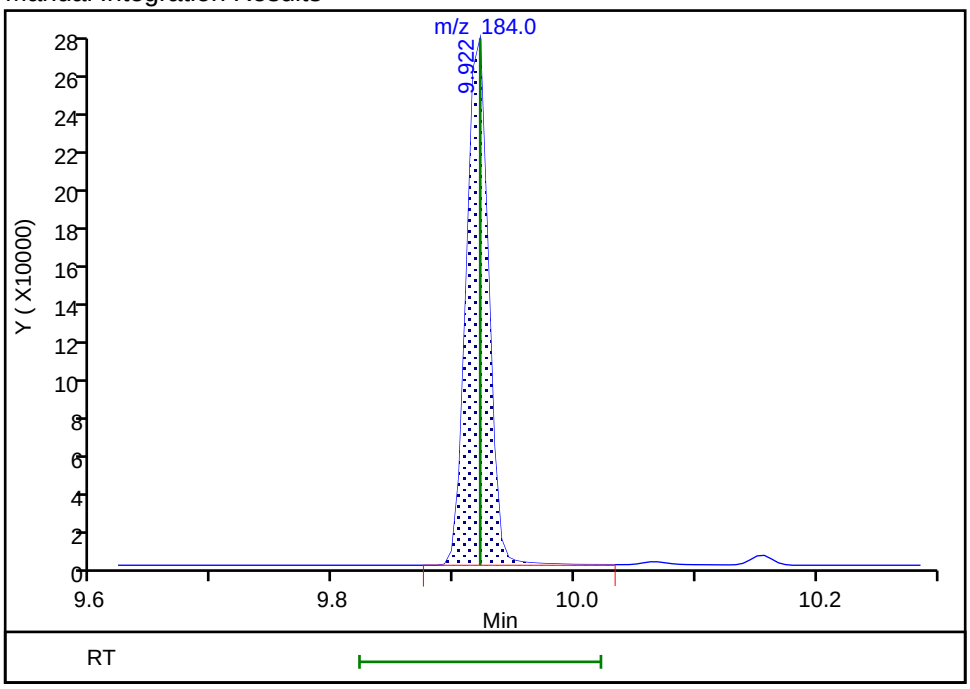
Not Detected
Expected RT: 9.92

Processing Integration Results



Manual Integration Results

RT: 9.92
Area: 351083
Amount: 50.058787
Amount Units: ug/ml



Reviewer: eisam, 27-Aug-2020 20:14:54
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

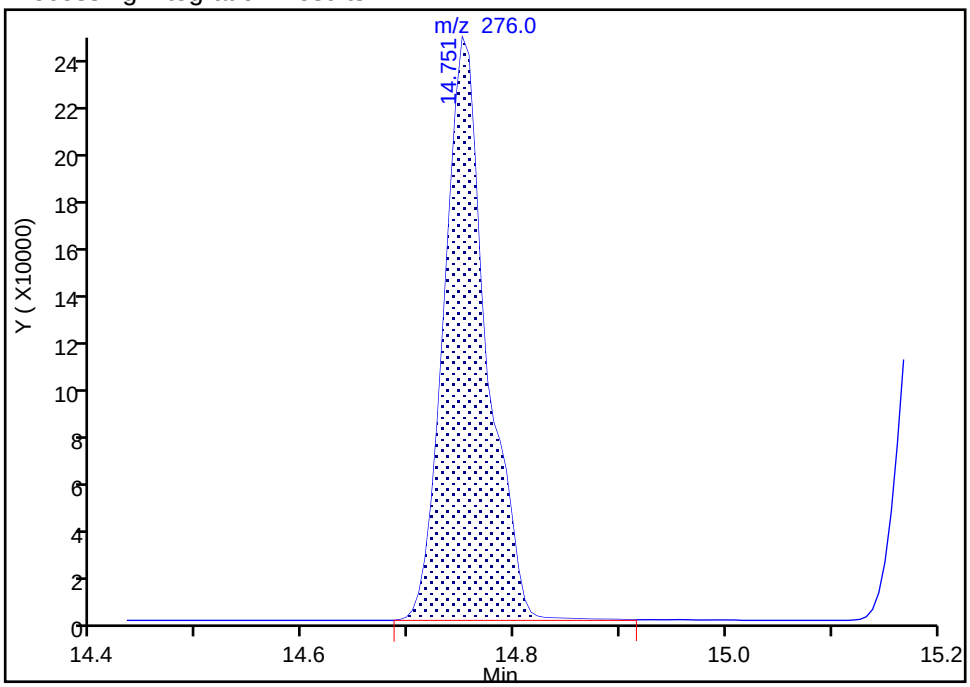
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33416.d				
Injection Date:	27-Aug-2020 19:44:30	Instrument ID:	CBNAMS12		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

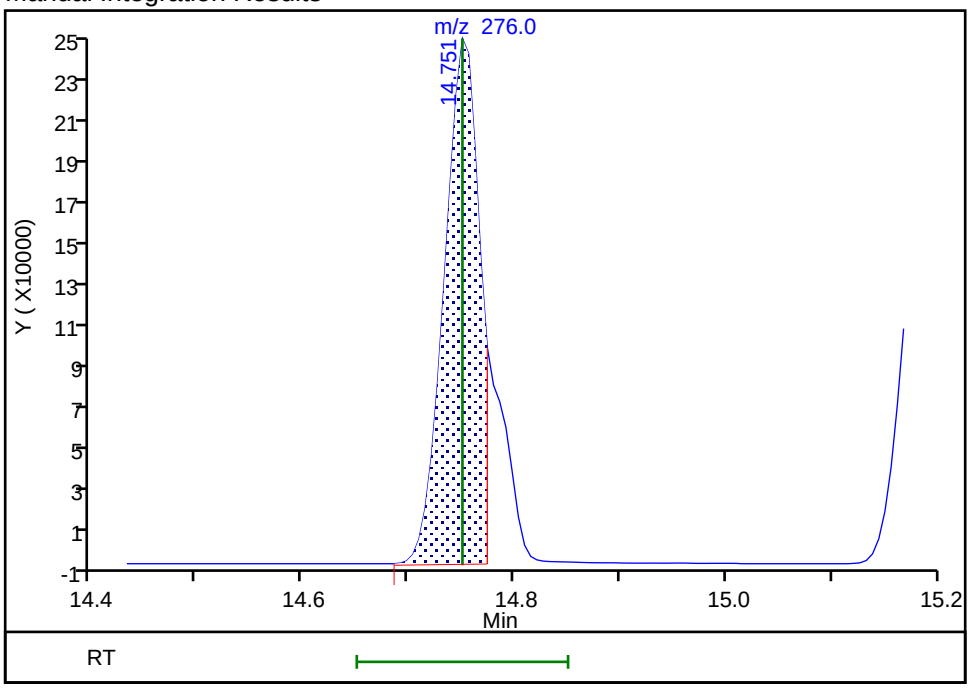
Processing Integration Results

RT: 14.75
Area: 680934
Amount: 66.550086
Amount Units: ug/ml



Manual Integration Results

RT: 14.75
Area: 573749
Amount: 56.074517
Amount Units: ug/ml



Reviewer: eisam, 27-Aug-2020 20:14:39

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-712734/11 Calibration Date: 07/30/2020 18:12

Instrument ID: CBNAMS14 Calib Start Date: 07/30/2020 14:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2020 17:51

Lab File ID: N92375.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5174	0.5056	0.0100	4890	5000	-2.3	30.0
N-Nitrosodimethylamine	Ave	0.7279	0.7653		5260	5000	5.1	30.0
Pyridine	Ave	1.223	1.020		8340	10000	-16.6	30.0
Benzaldehyde	Ave	1.089	0.8250	0.0100	3790	5000	-24.3	30.0
Phenol	Ave	1.527	1.506	0.8000	4930	5000	-1.4	30.0
Aniline	Ave	1.903	1.886		4950	5000	-0.9	30.0
Bis(2-chloroethyl)ether	Ave	1.288	1.239	0.7000	4810	5000	-3.8	30.0
2-Chlorophenol	Ave	1.321	1.323	0.8000	5010	5000	0.2	30.0
n-Decane	Ave	1.701	1.644	0.0100	4830	5000	-3.4	30.0
1,3-Dichlorobenzene	Ave	1.586	1.533		4830	5000	-3.3	30.0
1,4-Dichlorobenzene	Ave	1.605	1.568		4880	5000	-2.3	30.0
Benzyl alcohol	Ave	0.7641	0.8166	0.0100	5340	5000	6.9	30.0
1,2-Dichlorobenzene	Ave	1.499	1.468		4900	5000	-2.1	30.0
2-Methylphenol	Ave	1.078	1.121	0.7000	5200	5000	3.9	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.020	2.069	0.0100	5120	5000	2.4	30.0
3 & 4 Methylphenol	Ave	1.237	1.230		4970	5000	-0.6	30.0
4-Methylphenol	Ave	1.237	1.230	0.6000	4970	5000	-0.6	30.0
N-Methylaniline	Ave	1.972	1.831		4640	5000	-7.1	30.0
N-Nitrosodi-n-propylamine	Ave	0.8887	0.8809	0.5000	4960	5000	-0.9	30.0
Acetophenone	Ave	1.719	1.746	0.0100	5080	5000	1.6	30.0
Hexachloroethane	Ave	0.5891	0.5792	0.3000	4920	5000	-1.7	30.0
Nitrobenzene	Ave	0.6082	0.6005	0.2000	4940	5000	-1.3	30.0
n,n'-Dimethylaniline	Ave	1.981	1.937	0.0100	4890	5000	-2.2	30.0
Isophorone	Ave	0.6137	0.6187	0.4000	5040	5000	0.8	30.0
2-Nitrophenol	Ave	0.1719	0.1663	0.1000	4840	5000	-3.3	30.0
2,4-Dimethylphenol	Ave	0.3027	0.3012	0.2000	4980	5000	-0.5	30.0
Benzoic acid	Qua		0.0838		4900	5000	-2.0	30.0
Bis(2-chloroethoxy)methane	Ave	0.4073	0.4046	0.3000	4970	5000	-0.7	30.0
2,4-Dichlorophenol	Ave	0.3098	0.3028	0.2000	4890	5000	-2.2	30.0
1,2,4-Trichlorobenzene	Ave	0.3637	0.3508		4820	5000	-3.5	30.0
Naphthalene	Ave	1.028	1.011	0.7000	4920	5000	-1.7	30.0
4-Chloroaniline	Ave	0.4190	0.4079	0.0100	4870	5000	-2.6	30.0
Hexachlorobutadiene	Ave	0.2168	0.2127	0.0100	4910	5000	-1.9	30.0
Caprolactam	Ave	0.0605	0.0704	0.0100	5820	5000	16.3	30.0
4-Chloro-3-methylphenol	Ave	0.2582	0.2495		4830	5000	-3.4	30.0
2-Methylnaphthalene	Ave	0.6926	0.6840	0.4000	4940	5000	-1.3	30.0
1-Methylnaphthalene	Ave	0.6470	0.6245	0.0100	4830	5000	-3.5	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7689	0.7268	0.0100	4730	5000	-5.5	30.0
Hexachlorocyclopentadiene	Ave	0.5561	0.4724	0.0500	4250	5000	-15.0	30.0
2-tertbutyl-4-methylphenol	Ave	0.4292	0.4324	0.0100	5040	5000	0.8	30.0
2,4,6-Trichlorophenol	Ave	0.4482	0.4468	0.2000	4980	5000	-0.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-712734/11 Calibration Date: 07/30/2020 18:12

Instrument ID: CBNAMS14 Calib Start Date: 07/30/2020 14:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2020 17:51

Lab File ID: N92375.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4935	0.4456	0.2000	4510	5000	-9.7	30.0
1,1'-Biphenyl	Ave	1.719	1.680	0.0100	4890	5000	-2.3	30.0
2-Chloronaphthalene	Ave	1.339	1.311	0.8000	4890	5000	-2.1	30.0
Phenyl ether	Ave	0.9108	0.8551	0.0100	4690	5000	-6.1	30.0
2-Nitroaniline	Ave	0.3948	0.3807	0.0100	4820	5000	-3.6	30.0
1,3-Dimethylnaphthalene	Ave	1.011	1.037	0.0100	5130	5000	2.6	30.0
Dimethyl phthalate	Ave	1.322	1.321	0.0100	5000	5000	-0.0	30.0
Coumarin	Ave	0.1980	0.1999	0.0100	5050	5000	1.0	30.0
2,6-Dinitrotoluene	Ave	0.2775	0.2790	0.2000	5030	5000	0.6	30.0
Acenaphthylene	Ave	1.903	1.846	0.9000	4850	5000	-3.0	30.0
3-Nitroaniline	Ave	0.2749	0.2707	0.0100	4920	5000	-1.5	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.243	1.188	0.0100	4780	5000	-4.4	30.0
Acenaphthene	Ave	1.275	1.254	0.9000	4920	5000	-1.7	30.0
2,4-Dinitrophenol	Lin2		0.0919	0.0100	8660	10000	-13.4	30.0
4-Nitrophenol	Ave	0.1807	0.1695	0.0100	9380	10000	-6.2	30.0
2,4-Dinitrotoluene	Ave	0.3251	0.3303	0.2000	5080	5000	1.6	30.0
Dibenzofuran	Ave	1.753	1.722	0.8000	4910	5000	-1.7	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3386	0.3317	0.0100	4900	5000	-2.1	30.0
Diethyl phthalate	Ave	1.256	1.235	0.0100	4920	5000	-1.6	30.0
4-Chlorophenyl phenyl ether	Ave	0.6847	0.6895	0.4000	5040	5000	0.7	30.0
Fluorene	Ave	1.349	1.318	0.9000	4880	5000	-2.3	30.0
4-Nitroaniline	Ave	0.2539	0.2523	0.0100	4970	5000	-0.6	30.0
4,6-Dinitro-2-methylphenol	Ave	0.0917	0.0836	0.0100	9120	10000	-8.8	30.0
N-Nitrosodiphenylamine	Ave	0.6188	0.5978	0.0100	4830	5000	-3.4	30.0
1,2-Diphenylhydrazine	Ave	0.8237	0.8226	0.0100	4990	5000	-0.1	30.0
4-Bromophenyl phenyl ether	Ave	0.2701	0.2685	0.1000	4970	5000	-0.6	30.0
Hexachlorobenzene	Ave	0.3069	0.2993	0.1000	4880	5000	-2.5	30.0
Atrazine	Ave	0.2062	0.2156	0.0100	5230	5000	4.6	30.0
Pentachlorophenol	Ave	0.1484	0.1364	0.0500	9190	10000	-8.1	30.0
Pentachloronitrobenzene	Ave	0.1044	0.1029	0.0100	4930	5000	-1.5	30.0
n-Octadecane	Ave	0.6159	0.5923	0.0100	4810	5000	-3.8	30.0
Phenanthrene	Ave	1.167	1.132	0.7000	4850	5000	-3.0	30.0
Anthracene	Ave	1.200	1.166	0.7000	4860	5000	-2.8	30.0
Carbazole	Ave	0.9440	0.9043	0.0100	4790	5000	-4.2	30.0
Di-n-butyl phthalate	Ave	1.136	1.117	0.0100	4920	5000	-1.7	30.0
Fluoranthene	Ave	1.089	1.062	0.6000	4870	5000	-2.5	30.0
Benzidine	Ave	0.4620	0.3253		3520	5000	-29.6	30.0
Pyrene	Ave	1.758	1.785	0.6000	5080	5000	1.5	30.0
Bisphenol-A	Ave	0.5469	0.5947		5440	5000	8.7	30.0
Butyl benzyl phthalate	Ave	0.5390	0.5582	0.0100	5180	5000	3.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-712734/11 Calibration Date: 07/30/2020 18:12

Instrument ID: CBNAMS14 Calib Start Date: 07/30/2020 14:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2020 17:51

Lab File ID: N92375.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4393	0.4377	0.0100	4980	5000	-0.4	30.0
3,3'-Dichlorobenzidine	Ave	0.4928	0.4767	0.0100	4840	5000	-3.3	30.0
Benzo[a]anthracene	Ave	1.392	1.429	0.8000	5130	5000	2.6	30.0
Chrysene	Ave	1.323	1.277	0.7000	4830	5000	-3.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7331	0.7511	0.0100	5120	5000	2.4	30.0
Di-n-octyl phthalate	Ave	1.127	1.165	0.0100	5170	5000	3.4	30.0
Benzo[b]fluoranthene	Ave	1.214	1.233	0.7000	5080	5000	1.6	30.0
Benzo[k]fluoranthene	Ave	1.258	1.267	0.7000	5040	5000	0.8	30.0
Benzo[a]pyrene	Ave	1.051	1.165	0.7000	5550	5000	10.9	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.326	1.292	0.5000	4870	5000	-2.6	30.0
Dibenz(a,h)anthracene	Ave	1.299	1.251	0.4000	4810	5000	-3.7	30.0
Benzo[g,h,i]perylene	Ave	1.367	1.307	0.5000	4780	5000	-4.4	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92375.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Jul-2020 18:12:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-011
Operator ID: Instrument ID: CBNAMS14
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:40:29 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 31-Jul-2020 06:07:05

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.028	2.052	-0.024	98	102650	5.00	4.89	
	2 N-Nitrosodimethylamine	74	2.228	2.246	-0.018	84	155373	5.00	5.26	
	3 Pyridine	79	2.269	2.287	-0.018	85	414204	10.0	8.34	
	5 Benzaldehyde	77	4.128	4.128	0.000	93	167490	5.00	3.79	E
	7 Phenol	94	4.187	4.187	0.000	98	305704	5.00	4.93	
	8 Aniline	93	4.228	4.228	0.000	99	382931	5.00	4.95	
	9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	94	251473	5.00	4.81	
	10 Benzonitrile	103	4.298	4.299	-0.001	99	486669	NC	NC	
	11 2-Chlorophenol	128	4.340	4.340	0.000	95	268680	5.00	5.01	
	12 n-Decane	43	4.387	4.387	0.000	93	333716	5.00	4.83	
	13 1,3-Dichlorobenzene	146	4.493	4.493	0.000	96	311262	5.00	4.83	
*	14 1,4-Dichlorobenzene-d4	152	4.540	4.540	0.000	96	324819	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	96	318314	5.00	4.88	
	16 Benzyl alcohol	108	4.657	4.657	0.000	93	165773	5.00	5.34	
	17 1,2-Dichlorobenzene	146	4.704	4.704	0.000	96	297987	5.00	4.90	
	18 2-Methylphenol	108	4.763	4.763	0.000	90	227523	5.00	5.20	
	19 2,2'-oxybis[1-chloropropane]	45	4.793	4.793	-0.001	94	419939	5.00	5.12	
	20 N-Methylaniline	106	4.904	4.904	0.000	76	371750	5.00	4.64	
	23 3 & 4 Methylphenol	108	4.904	4.904	0.000	98	249662	5.00	4.97	
	24 4-Methylphenol	108	4.904	4.904	0.000	81	249662	5.00	4.97	
	22 N-Nitrosodi-n-propylamine	70	4.910	4.910	0.000	89	178832	5.00	4.96	
	21 Acetophenone	105	4.916	4.916	0.000	87	354363	5.00	5.08	
	25 Hexachloroethane	117	5.028	5.022	0.006	91	117582	5.00	4.92	
	28 Nitrobenzene	123	5.075	5.075	0.000	95	121918	5.00	4.94	
	29 n,n'-Dimethylaniline	120	5.081	5.081	0.000	98	393180	5.00	4.89	
	30 Isophorone	82	5.298	5.298	0.000	99	443925	5.00	5.04	
	32 2-Nitrophenol	139	5.381	5.381	0.000	92	119343	5.00	4.84	
	33 2,4-Dimethylphenol	122	5.416	5.416	0.000	91	216126	5.00	4.98	
	35 Benzoic acid	122	5.487	5.481	0.006	91	60104	5.00	4.90	
	34 Bis(2-chloroethoxy)methane	93	5.504	5.504	0.000	98	290254	5.00	4.97	
	36 2,4-Dichlorophenol	162	5.604	5.604	0.000	95	217241	5.00	4.89	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.692	5.693	-0.001	94	251673	5.00	4.82	
* 38 Naphthalene-d8	136	5.745	5.745	0.000	100	1147939	8.00	8.00	
39 Naphthalene	128	5.763	5.763	0.000	99	725144	5.00	4.92	
40 4-Chloroaniline	127	5.810	5.810	0.000	97	292664	5.00	4.87	
130 2,6-Dichlorophenol	162	5.822	5.822	0.000	98	211168	NC	NC	
41 Hexachlorobutadiene	225	5.892	5.893	-0.001	97	152621	5.00	4.91	
42 Caprolactam	113	6.122	6.122	0.000	90	50517	5.00	5.82	
43 4-Chloro-3-methylphenol	107	6.269	6.269	0.000	96	178996	5.00	4.83	
44 2-Methylnaphthalene	142	6.422	6.422	0.000	85	490711	5.00	4.94	
45 1-Methylnaphthalene	142	6.510	6.516	-0.006	92	448022	5.00	4.83	
47 1,2,4,5-Tetrachlorobenzene	216	6.581	6.581	0.000	98	252096	5.00	4.73	
46 Hexachlorocyclopentadiene	237	6.581	6.581	0.000	98	163858	5.00	4.25	
48 2-tertbutyl-4-methylphenol	149	6.604	6.604	0.000	91	310262	5.00	5.04	
49 2,4,6-Trichlorophenol	196	6.687	6.687	-0.001	91	154974	5.00	4.98	
50 2,4,5-Trichlorophenol	196	6.716	6.716	0.000	98	154563	5.00	4.51	
52 1,1'-Biphenyl	154	6.857	6.857	0.000	95	582554	5.00	4.89	
53 2-Chloronaphthalene	162	6.881	6.881	0.000	98	454530	5.00	4.89	
54 Phenyl ether	170	6.957	6.957	0.000	89	296567	5.00	4.69	
55 2-Nitroaniline	65	6.969	6.969	0.000	98	132035	5.00	4.82	
57 1,3-Dimethylnaphthalene	156	7.086	7.087	-0.001	92	359568	5.00	5.13	
59 Dimethyl phthalate	163	7.145	7.145	0.000	99	458026	5.00	5.00	
60 Coumarin	146	7.163	7.163	0.000	78	143453	5.00	5.05	
61 2,6-Dinitrotoluene	165	7.198	7.198	0.000	95	96764	5.00	5.03	
62 Acenaphthylene	152	7.269	7.269	0.000	98	640098	5.00	4.85	
63 3-Nitroaniline	138	7.357	7.357	0.000	94	93891	5.00	4.92	
* 64 Acenaphthene-d10	164	7.404	7.404	0.000	95	554937	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.422	0.000	97	412081	5.00	4.78	
66 Acenaphthene	154	7.434	7.434	0.000	95	434803	5.00	4.92	
67 2,4-Dinitrophenol	184	7.451	7.451	0.000	92	63730	10.0	8.66	
68 4-Nitrophenol	65	7.510	7.510	0.000	91	117588	10.0	9.38	
69 2,4-Dinitrotoluene	165	7.575	7.575	0.000	96	114573	5.00	5.08	
70 Dibenzofuran	168	7.598	7.598	0.000	96	597389	5.00	4.91	
72 2,3,4,6-Tetrachlorophenol	232	7.710	7.716	-0.006	95	115043	5.00	4.90	
73 Diethyl phthalate	149	7.810	7.810	0.000	98	428412	5.00	4.92	
74 4-Chlorophenyl phenyl ether	204	7.916	7.916	0.000	91	239159	5.00	5.04	
75 Fluorene	166	7.916	7.916	0.000	94	457008	5.00	4.88	
76 4-Nitroaniline	138	7.928	7.928	0.000	92	87515	5.00	4.97	
77 4,6-Dinitro-2-methylphenol	198	7.963	7.963	0.000	90	88694	10.0	9.12	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	96	317094	5.00	4.83	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	96	436330	5.00	4.99	
81 4-Bromophenyl phenyl ether	248	8.375	8.381	-0.006	93	142431	5.00	4.97	
82 Hexachlorobenzene	284	8.445	8.445	0.000	96	158745	5.00	4.88	
83 Atrazine	200	8.528	8.528	0.000	94	114388	5.00	5.23	
84 Pentachlorophenol	266	8.628	8.628	0.000	94	144720	10.0	9.19	
85 Pentachloronitrobenzene	237	8.639	8.645	-0.006	89	54557	5.00	4.93	
86 n-Octadecane	57	8.704	8.704	0.000	94	314204	5.00	4.81	
* 87 Phenanthrene-d10	188	8.804	8.804	0.000	98	848712	8.00	8.00	
88 Phenanthrene	178	8.822	8.822	0.000	97	600457	5.00	4.85	
89 Anthracene	178	8.869	8.869	0.000	99	618700	5.00	4.86	
90 Carbazole	167	9.022	9.022	0.000	96	479682	5.00	4.79	
91 Di-n-butyl phthalate	149	9.351	9.351	0.000	100	592587	5.00	4.92	
92 Fluoranthene	202	9.945	9.945	0.000	98	563150	5.00	4.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.063	10.069	-0.006	99	172551	5.00	3.52	
94 Pyrene	202	10.157	10.163	-0.006	97	560570	5.00	5.08	
95 Bisphenol-A	213	10.198	10.204	-0.006	98	186824	5.00	5.44	
97 Butyl benzyl phthalate	149	10.810	10.816	-0.006	97	175353	5.00	5.18	
99 Carbamazepine	193	10.922	10.928	-0.006	93	137495	5.00	4.98	
100 3,3'-Dichlorobenzidine	252	11.398	11.404	-0.006	99	149758	5.00	4.84	
101 Benzo[a]anthracene	228	11.427	11.427	0.000	98	448808	5.00	5.13	
* 102 Chrysene-d12	240	11.439	11.439	0.000	99	502607	8.00	8.00	
104 Chrysene	228	11.469	11.475	-0.006	99	401155	5.00	4.83	
103 Bis(2-ethylhexyl) phthalate	149	11.474	11.480	-0.006	88	235936	5.00	5.12	
105 Di-n-octyl phthalate	149	12.316	12.316	0.000	97	375146	5.00	5.17	
106 Benzo[b]fluoranthene	252	12.816	12.816	0.000	98	397173	5.00	5.08	
107 Benzo[k]fluoranthene	252	12.851	12.857	-0.006	99	408045	5.00	5.04	
108 Benzo[a]pyrene	252	13.268	13.274	-0.006	98	375312	5.00	5.55	
* 109 Perylene-d12	264	13.351	13.357	-0.006	99	515253	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.939	14.939	0.000	98	416181	5.00	4.87	
111 Dibenz(a,h)anthracene	278	14.980	14.980	0.000	98	402713	5.00	4.81	
112 Benzo[g,h,i]perylene	276	15.386	15.386	0.000	98	420795	5.00	4.78	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SV_ICV_ LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2020 08:40:33 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92375.d

Injection Date: 30-Jul-2020 18:12:30 Instrument ID: CBNAMS14 Operator ID:

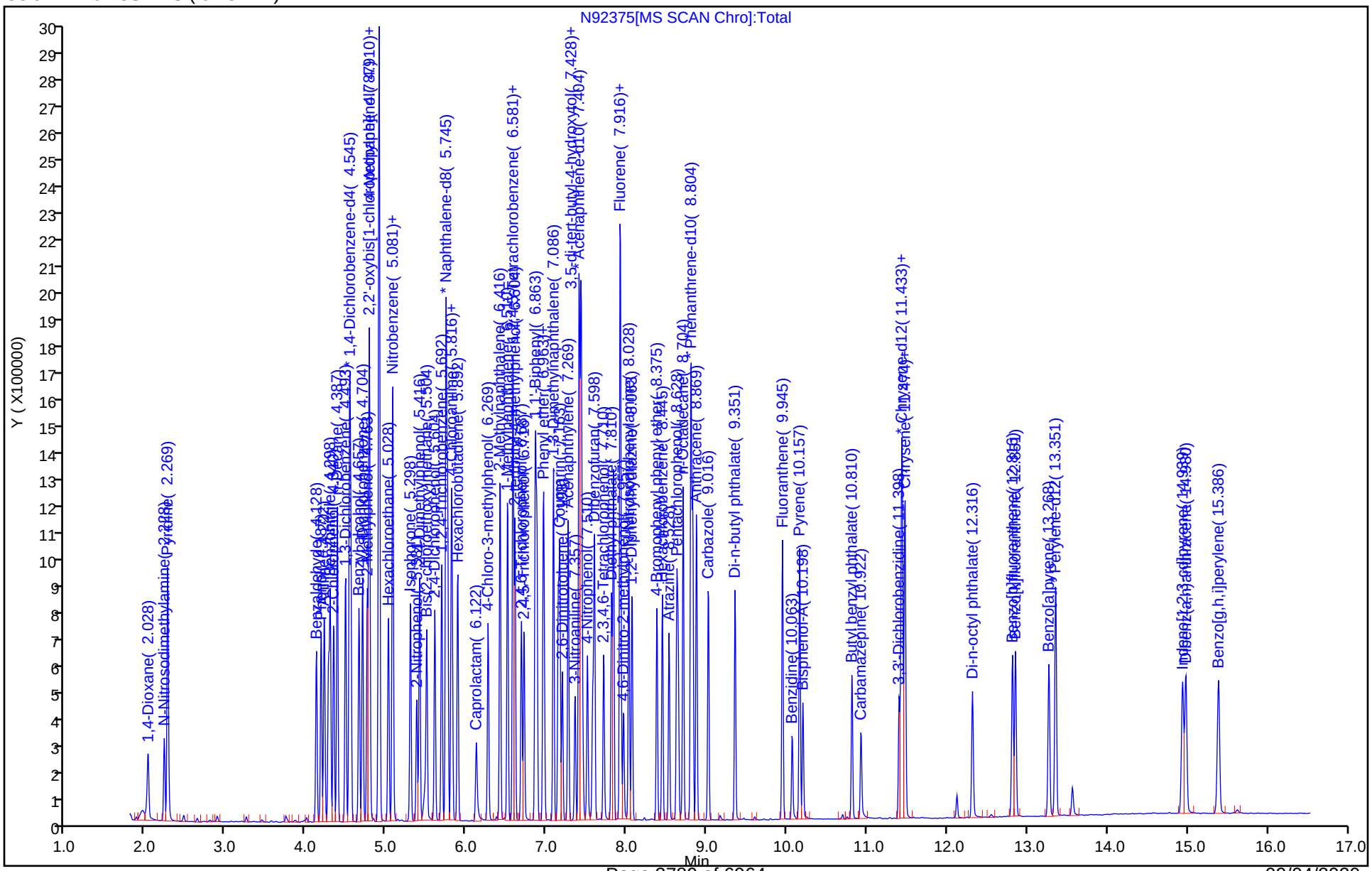
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721182/2 Calibration Date: 09/01/2020 18:47

Instrument ID: CBNAMS14 Calib Start Date: 07/30/2020 14:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2020 17:51

Lab File ID: N927249.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5174	0.5373	0.0100	10400	10000	3.8	20.0
N-Nitrosodimethylamine	Ave	0.7279	0.7540		10400	10000	3.6	20.0
Pyridine	Ave	1.223	1.303		21300	20000	6.6	20.0
Benzaldehyde	Ave	1.089	0.5395	0.0100	1980	4000	-50.5*	20.0
Phenol	Ave	1.527	1.672	0.8000	11000	10000	9.5	20.0
Aniline	Ave	1.903	1.955		10300	10000	2.7	20.0
Bis(2-chloroethyl)ether	Ave	1.288	1.237	0.7000	9600	10000	-4.0	20.0
2-Chlorophenol	Ave	1.321	1.358	0.8000	10300	10000	2.8	20.0
n-Decane	Ave	1.701	1.461	0.0100	8590	10000	-14.1	20.0
1,3-Dichlorobenzene	Ave	1.586	1.616		10200	10000	1.9	20.0
1,4-Dichlorobenzene	Ave	1.605	1.641		10200	10000	2.3	20.0
Benzyl alcohol	Ave	0.7641	0.7248	0.0100	9490	10000	-5.1	20.0
1,2-Dichlorobenzene	Ave	1.499	1.514		10100	10000	1.0	20.0
2-Methylphenol	Ave	1.078	1.128	0.7000	10500	10000	4.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.020	1.742	0.0100	8620	10000	-13.8	20.0
N-Methylaniline	Ave	1.972	1.971		10000	10000	-0.0	20.0
3 & 4 Methylphenol	Ave	1.237	1.251		10100	10000	1.1	20.0
4-Methylphenol	Ave	1.237	1.251	0.6000	10100	10000	1.1	20.0
Acetophenone	Ave	1.719	1.685	0.0100	9800	10000	-2.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.8887	0.8086	0.5000	9100	10000	-9.0	20.0
Hexachloroethane	Ave	0.5891	0.5800	0.3000	9850	10000	-1.5	20.0
n,n'-Dimethylaniline	Ave	1.981	1.916	0.0100	9670	10000	-3.3	20.0
Nitrobenzene	Ave	0.6082	0.6223	0.2000	10200	10000	2.3	20.0
Isophorone	Ave	0.6137	0.5885	0.4000	9590	10000	-4.1	20.0
2-Nitrophenol	Ave	0.1719	0.2025	0.1000	11800	10000	17.7	20.0
2,4-Dimethylphenol	Ave	0.3027	0.3089	0.2000	10200	10000	2.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4073	0.3936	0.3000	9660	10000	-3.4	20.0
Benzoic acid	Qua		0.1352		12300	10000	22.5*	20.0
2,4-Dichlorophenol	Ave	0.3098	0.3284	0.2000	10600	10000	6.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3637	0.3729		10300	10000	2.5	20.0
Naphthalene	Ave	1.028	1.037	0.7000	10100	10000	0.9	20.0
4-Chloroaniline	Ave	0.4190	0.4243	0.0100	10100	10000	1.3	20.0
Hexachlorobutadiene	Ave	0.2168	0.2330	0.0100	10700	10000	7.5	20.0
Caprolactam	Ave	0.0605	0.0601	0.0100	3970	4000	-0.7	20.0
4-Chloro-3-methylphenol	Ave	0.2582	0.2641		10200	10000	2.3	20.0
2-Methylnaphthalene	Ave	0.6926	0.7005	0.4000	10100	10000	1.1	20.0
1-Methylnaphthalene	Ave	0.6470	0.6530	0.0100	10100	10000	0.9	20.0
Hexachlorocyclopentadiene	Ave	0.5561	0.5643	0.0500	10100	10000	1.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7689	0.7797	0.0100	10100	10000	1.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4292	0.4259	0.0100	9920	10000	-0.8	20.0
2,4,6-Trichlorophenol	Ave	0.4482	0.4849	0.2000	10800	10000	8.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721182/2 Calibration Date: 09/01/2020 18:47

Instrument ID: CBNAMS14 Calib Start Date: 07/30/2020 14:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2020 17:51

Lab File ID: N927249.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4935	0.4880	0.2000	9890	10000	-1.1	20.0
1,1'-Biphenyl	Ave	1.719	1.687	0.0100	9820	10000	-1.8	20.0
2-Chloronaphthalene	Ave	1.339	1.324	0.8000	9890	10000	-1.1	20.0
Phenyl ether	Ave	0.9108	0.9164	0.0100	10100	10000	0.6	20.0
2-Nitroaniline	Ave	0.3948	0.3948	0.0100	10000	10000	0.0	20.0
1,3-Dimethylnaphthalene	Ave	1.011	1.009	0.0100	9980	10000	-0.2	20.0
Dimethyl phthalate	Ave	1.322	1.348	0.0100	10200	10000	2.0	20.0
Coumarin	Ave	0.1980	0.2089	0.0100	10600	10000	5.5	20.0
2,6-Dinitrotoluene	Ave	0.2775	0.3125	0.2000	11300	10000	12.6	20.0
Acenaphthylene	Ave	1.903	1.903	0.9000	10000	10000	-0.0	20.0
3-Nitroaniline	Ave	0.2749	0.3055	0.0100	11100	10000	11.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.243	1.268	0.0100	10200	10000	2.0	20.0
Acenaphthene	Ave	1.275	1.315	0.9000	10300	10000	3.1	20.0
2,4-Dinitrophenol	Lin2		0.1510	0.0100	26100	20000	30.7*	20.0
4-Nitrophenol	Ave	0.1807	0.1915	0.0100	21200	20000	6.0	20.0
2,4-Dinitrotoluene	Ave	0.3251	0.3921	0.2000	12100	10000	20.6*	20.0
Dibenzofuran	Ave	1.753	1.816	0.8000	10400	10000	3.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3386	0.3922	0.0100	11600	10000	15.8	20.0
Diethyl phthalate	Ave	1.256	1.271	0.0100	10100	10000	1.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6847	0.7158	0.4000	10500	10000	4.5	20.0
Fluorene	Ave	1.349	1.370	0.9000	10200	10000	1.6	20.0
4-Nitroaniline	Ave	0.2539	0.3014	0.0100	11900	10000	18.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.0917	0.1341	0.0100	29300	20000	46.3*	20.0
N-Nitrosodiphenylamine	Ave	0.6188	0.5981	0.0100	9670	10000	-3.3	20.0
1,2-Diphenylhydrazine	Ave	0.8237	0.7205	0.0100	8750	10000	-12.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2701	0.2722	0.1000	10100	10000	0.8	20.0
Hexachlorobenzene	Ave	0.3069	0.3325	0.1000	10800	10000	8.3	20.0
Atrazine	Ave	0.2062	0.2240	0.0100	4340	4000	8.6	20.0
Pentachlorophenol	Ave	0.1484	0.1762	0.0500	23800	20000	18.8	20.0
Pentachloronitrobenzene	Ave	0.1044	0.1153	0.0100	11000	10000	10.4	20.0
n-Octadecane	Ave	0.6159	0.5087	0.0100	8260	10000	-17.4	20.0
Phenanthrene	Ave	1.167	1.169	0.7000	10000	10000	0.2	20.0
Anthracene	Ave	1.200	1.205	0.7000	10000	10000	0.5	20.0
Carbazole	Ave	0.9440	0.9790	0.0100	10400	10000	3.7	20.0
Di-n-butyl phthalate	Ave	1.136	1.128	0.0100	9920	10000	-0.8	20.0
Fluoranthene	Ave	1.089	1.190	0.6000	10900	10000	9.3	20.0
Benzidine	Ave	0.4620	0.4433		9590	10000	-4.1	20.0
Pyrene	Ave	1.758	1.442	0.6000	8200	10000	-18.0	20.0
Bisphenol-A	Ave	0.5469	0.5778		10600	10000	5.7	20.0
Butyl benzyl phthalate	Ave	0.5390	0.5374	0.0100	9970	10000	-0.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721182/2 Calibration Date: 09/01/2020 18:47

Instrument ID: CBNAMS14 Calib Start Date: 07/30/2020 14:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2020 17:51

Lab File ID: N927249.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2294	0.2122	0.0100	92.5	100	-7.5	20.0
Carbamazepine	Ave	0.4393	0.5839	0.0100	13300	10000	32.9*	20.0
3,3'-Dichlorobenzidine	Ave	0.4928	0.5413	0.0100	11000	10000	9.8	20.0
Benzo[a]anthracene	Ave	1.392	1.354	0.8000	9730	10000	-2.7	20.0
Chrysene	Ave	1.323	1.306	0.7000	9870	10000	-1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7331	0.8372	0.0100	11400	10000	14.2	20.0
Di-n-octyl phthalate	Ave	1.127	1.193	0.0100	10600	10000	5.9	20.0
Benzo[b]fluoranthene	Ave	1.214	1.142	0.7000	9400	10000	-6.0	20.0
Benzo[k]fluoranthene	Ave	1.258	1.311	0.7000	10400	10000	4.3	20.0
Benzo[a]pyrene	Ave	1.051	1.048	0.7000	9970	10000	-0.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.326	1.528	0.5000	11500	10000	15.2	20.0
Dibenz(a,h)anthracene	Ave	1.299	1.480	0.4000	11400	10000	13.9	20.0
Benzo[g,h,i]perylene	Ave	1.367	1.513	0.5000	11100	10000	10.7	20.0
2-Fluorophenol (Surr)	Ave	1.259	1.286		10200	10000	2.1	20.0
Phenol-d5 (Surr)	Ave	1.488	1.512		10200	10000	1.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3774	0.3685		9760	10000	-2.4	20.0
2-Fluorobiphenyl	Ave	1.600	1.591		9940	10000	-0.6	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2313	0.3004		13000	10000	29.9*	20.0
Terphenyl-d14 (Surr)	Ave	1.268	1.060		8360	10000	-16.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927249.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Sep-2020 18:47:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 19:14:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.922	1.922	0.000	99	99501	10.0	10.4	
2 N-Nitrosodimethylamine	74	2.128	2.128	0.000	89	139644	10.0	10.4	
3 Pyridine	79	2.169	2.169	0.000	88	482792	20.0	21.3	
$ 4 2-Fluorophenol	112	3.240	3.240	0.000	96	238149	10.0	10.2	
5 Benzaldehyde	77	4.046	4.046	0.000	95	39964	4.00	1.98	
$ 6 Phenol-d5	99	4.104	4.104	0.000	96	280107	10.0	10.2	
7 Phenol	94	4.122	4.122	0.000	98	309665	10.0	11.0	
8 Aniline	93	4.146	4.146	0.000	99	362142	10.0	10.3	
9 Bis(2-chloroethyl)ether	93	4.198	4.198	0.000	95	229069	10.0	9.60	
10 Benzonitrile	103	4.222	4.222	0.000	98	437371	NC	NC	
11 2-Chlorophenol	128	4.263	4.263	0.000	97	251596	10.0	10.3	
12 n-Decane	43	4.304	4.304	0.000	92	270530	10.0	8.59	
13 1,3-Dichlorobenzene	146	4.410	4.410	0.000	97	299349	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	4.457	4.457	0.000	94	148163	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.475	4.475	0.000	96	303967	10.0	10.2	
16 Benzyl alcohol	108	4.587	4.587	0.000	95	134229	10.0	9.49	
17 1,2-Dichlorobenzene	146	4.622	4.622	0.000	97	280363	10.0	10.1	
18 2-Methylphenol	108	4.693	4.693	0.000	91	208889	10.0	10.5	
19 2,2'-oxybis[1-chloropropane]	45	4.710	4.710	0.000	95	322539	10.0	8.62	
20 N-Methylaniline	106	4.828	4.828	0.000	94	365110	10.0	10.0	
22 N-Nitrosodi-n-propylamine	70	4.840	4.840	0.000	73	149753	10.0	9.10	
21 Acetophenone	105	4.840	4.840	0.000	92	312063	10.0	9.80	
24 4-Methylphenol	108	4.840	4.840	0.000	85	231676	10.0	10.1	
23 3 & 4 Methylphenol	108	4.840	4.840	0.000	96	231676	10.0	10.1	
25 Hexachloroethane	117	4.946	4.946	0.000	91	107417	10.0	9.85	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	231527	10.0	9.76	
28 Nitrobenzene	123	5.004	5.004	0.000	93	115250	10.0	10.2	
29 n,n'-Dimethylaniline	120	5.004	5.004	0.000	97	354794	10.0	9.67	
30 Isophorone	82	5.228	5.228	0.000	99	369744	10.0	9.59	
32 2-Nitrophenol	139	5.304	5.304	0.000	96	127199	10.0	11.8	
33 2,4-Dimethylphenol	122	5.345	5.345	0.000	92	194097	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.428	5.428	0.000	98	247307	10.0	9.66	
35 Benzoic acid	122	5.434	5.434	0.000	39	84941	10.0	12.3	M
36 2,4-Dichlorophenol	162	5.534	5.534	0.000	97	206325	10.0	10.6	
37 1,2,4-Trichlorobenzene	180	5.616	5.616	0.000	94	234317	10.0	10.3	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	502635	8.00	8.00	
39 Naphthalene	128	5.687	5.687	0.000	99	651667	10.0	10.1	
40 4-Chloroaniline	127	5.740	5.740	0.000	98	266616	10.0	10.1	
130 2,6-Dichlorophenol	162	5.751	5.751	0.000	98	197128	NC	NC	
41 Hexachlorobutadiene	225	5.816	5.816	0.000	98	146392	10.0	10.7	
42 Caprolactam	113	6.057	6.057	0.000	91	15108	4.00	3.97	M
43 4-Chloro-3-methylphenol	107	6.204	6.204	0.000	96	165908	10.0	10.2	
44 2-Methylnaphthalene	142	6.345	6.345	0.000	84	440120	10.0	10.1	
45 1-Methylnaphthalene	142	6.440	6.440	0.000	92	410265	10.0	10.1	
46 Hexachlorocyclopentadiene	237	6.504	6.504	0.000	98	173007	10.0	10.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.510	6.510	0.000	99	239029	10.0	10.1	
48 2-tertbutyl-4-methylphenol	149	6.540	6.540	0.000	92	267598	10.0	9.92	
49 2,4,6-Trichlorophenol	196	6.616	6.616	0.000	93	148660	10.0	10.8	
50 2,4,5-Trichlorophenol	196	6.651	6.651	0.000	98	149625	10.0	9.89	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	487748	10.0	9.94	
52 1,1'-Biphenyl	154	6.787	6.787	0.000	95	517267	10.0	9.82	
53 2-Chloronaphthalene	162	6.804	6.804	0.000	99	405897	10.0	9.89	
54 Phenyl ether	170	6.887	6.887	0.000	87	280955	10.0	10.1	
55 2-Nitroaniline	65	6.898	6.898	0.000	98	121041	10.0	10.0	
57 1,3-Dimethylnaphthalene	156	7.010	7.010	0.000	93	309283	10.0	9.98	
59 Dimethyl phthalate	163	7.075	7.075	0.000	99	413328	10.0	10.2	
60 Coumarin	146	7.092	7.092	0.000	80	131235	10.0	10.6	
61 2,6-Dinitrotoluene	165	7.128	7.128	0.000	93	95814	10.0	11.3	
62 Acenaphthylene	152	7.198	7.198	0.000	98	583362	10.0	10.0	
63 3-Nitroaniline	138	7.287	7.287	0.000	96	93666	10.0	11.1	
* 64 Acenaphthene-d10	164	7.334	7.334	0.000	95	245267	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.351	7.351	0.000	96	388781	10.0	10.2	
66 Acenaphthene	154	7.363	7.363	0.000	95	403177	10.0	10.3	
67 2,4-Dinitrophenol	184	7.387	7.387	0.000	85	92612	20.0	26.1	
68 4-Nitrophenol	65	7.457	7.457	0.000	90	117447	20.0	21.2	
69 2,4-Dinitrotoluene	165	7.510	7.510	0.000	97	120221	10.0	12.1	
70 Dibenzofuran	168	7.522	7.522	0.000	96	556626	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	7.645	7.645	0.000	98	120244	10.0	11.6	
73 Diethyl phthalate	149	7.739	7.739	0.000	99	389608	10.0	10.1	
74 4-Chlorophenyl phenyl ether	204	7.845	7.845	0.000	79	219451	10.0	10.5	
75 Fluorene	166	7.845	7.845	0.000	94	420047	10.0	10.2	
76 4-Nitroaniline	138	7.863	7.863	0.000	88	92393	10.0	11.9	
77 4,6-Dinitro-2-methylphenol	198	7.892	7.892	0.000	93	134387	20.0	29.3	
78 N-Nitrosodiphenylamine	169	7.957	7.957	0.000	97	299587	10.0	9.67	
79 1,2-Diphenylhydrazine	77	7.992	7.992	0.000	94	360895	10.0	8.75	
$ 80 2,4,6-Tribromophenol	330	8.075	8.075	0.000	91	92096	10.0	13.0	
81 4-Bromophenyl phenyl ether	248	8.304	8.304	0.000	96	136328	10.0	10.1	
82 Hexachlorobenzene	284	8.375	8.375	0.000	94	166527	10.0	10.8	
83 Atrazine	200	8.457	8.457	0.000	95	44875	4.00	4.34	
84 Pentachlorophenol	266	8.557	8.557	0.000	95	176533	20.0	23.8	
85 Pentachloronitrobenzene	237	8.569	8.569	0.000	91	57733	10.0	11.0	
86 n-Octadecane	57	8.634	8.634	0.000	92	254800	10.0	8.26	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	400725	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.751	8.751	0.000	97	585809	10.0	10.0	
89 Anthracene	178	8.798	8.798	0.000	99	603799	10.0	10.0	
90 Carbazole	167	8.951	8.951	0.000	96	490412	10.0	10.4	
91 Di-n-butyl phthalate	149	9.286	9.286	0.000	100	564797	10.0	9.92	
92 Fluoranthene	202	9.875	9.875	0.000	98	596301	10.0	10.9	
93 Benzidine	184	9.998	9.998	0.000	99	222031	10.0	9.59	
94 Pyrene	202	10.092	10.092	0.000	98	600670	10.0	8.20	
95 Bisphenol-A	213	10.151	10.151	0.000	98	240707	10.0	10.6	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	100	441381	10.0	8.36	
97 Butyl benzyl phthalate	149	10.739	10.739	0.000	96	223851	10.0	9.97	
98 2,3,7,8-TCDD	320	10.839	10.839	0.000	86	884	0.1000	0.0925	
99 Carbamazepine	193	10.851	10.851	0.000	92	243237	10.0	13.3	
100 3,3'-Dichlorobenzidine	252	11.322	11.322	0.000	98	225478	10.0	11.0	
101 Benzo[a]anthracene	228	11.345	11.345	0.000	98	564156	10.0	9.73	
* 102 Chrysene-d12	240	11.357	11.357	0.000	99	333254	8.00	8.00	
104 Chrysene	228	11.386	11.386	0.000	98	543952	10.0	9.87	
103 Bis(2-ethylhexyl) phthalate	149	11.398	11.398	0.000	87	348751	10.0	11.4	
105 Di-n-octyl phthalate	149	12.222	12.222	0.000	96	626683	10.0	10.6	
106 Benzo[b]fluoranthene	252	12.716	12.716	0.000	98	599698	10.0	9.40	
107 Benzo[k]fluoranthene	252	12.757	12.757	0.000	98	688696	10.0	10.4	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	420176	8.00	8.00	
108 Benzo[a]pyrene	252	13.169	13.169	0.000	98	550361	10.0	9.97	
110 Indeno[1,2,3-cd]pyrene	276	14.810	14.810	0.000	98	802300	10.0	11.5	
111 Dibenz(a,h)anthracene	278	14.845	14.845	0.000	98	777068	10.0	11.4	
112 Benzo[g,h,i]perylene	276	15.245	15.245	0.000	97	794784	10.0	11.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00002 Amount Added: 1.00 Units: mL

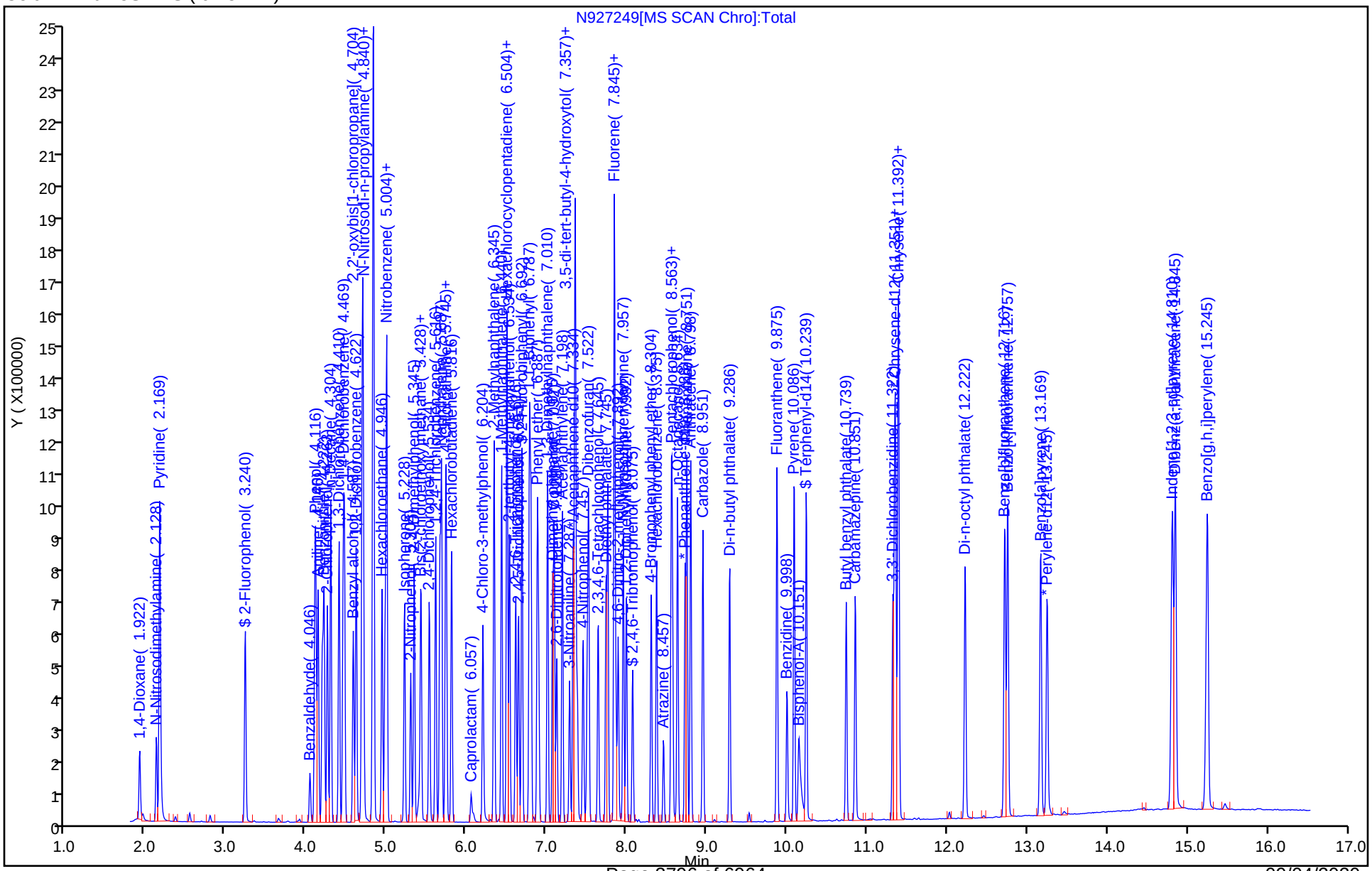
Report Date: 02-Sep-2020 14:21:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927249.d

Injection Date:	01-Sep-2020 18:47:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

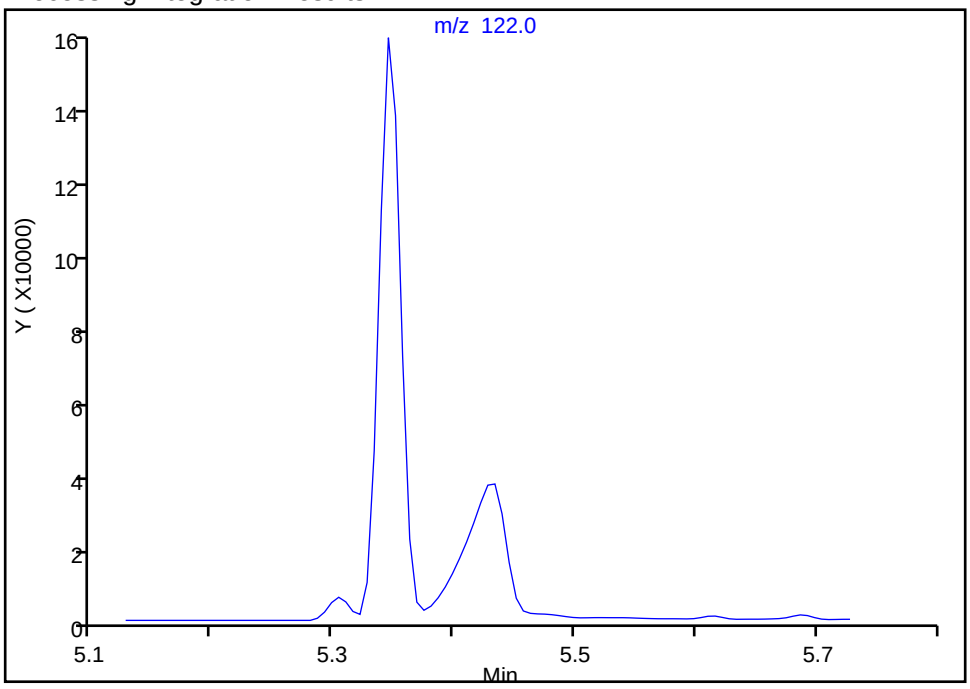
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927249.d				
Injection Date:	01-Sep-2020 18:47:30	Instrument ID:	CBNAMS14		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

35 Benzoic acid, CAS: 65-85-0

Signal: 1

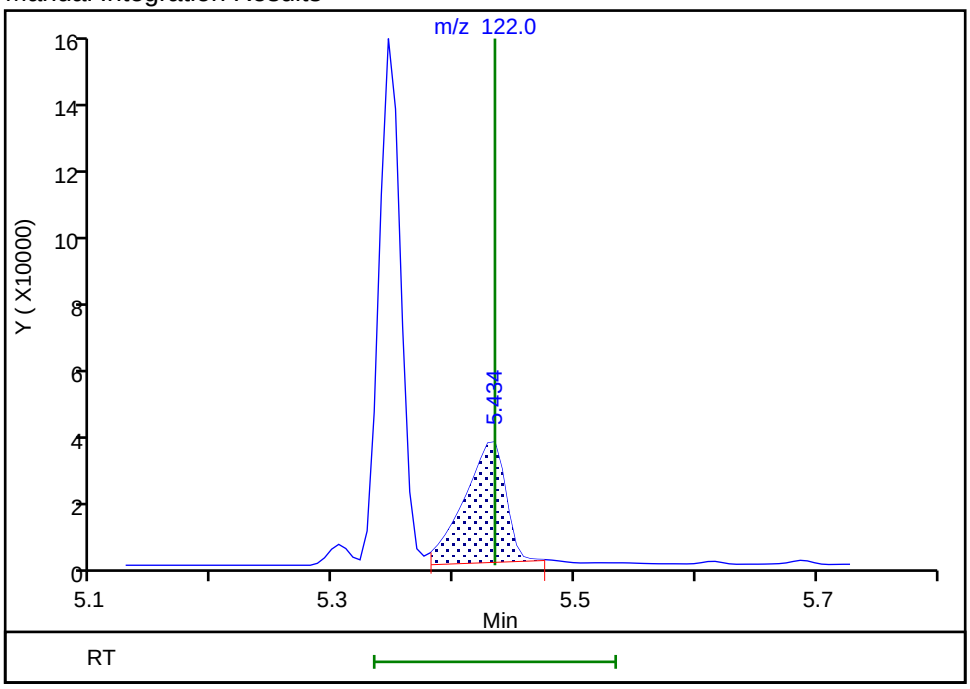
Not Detected
Expected RT: 5.43

Processing Integration Results



Manual Integration Results

RT: 5.43
Area: 84941
Amount: 12.253405
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 19:09:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

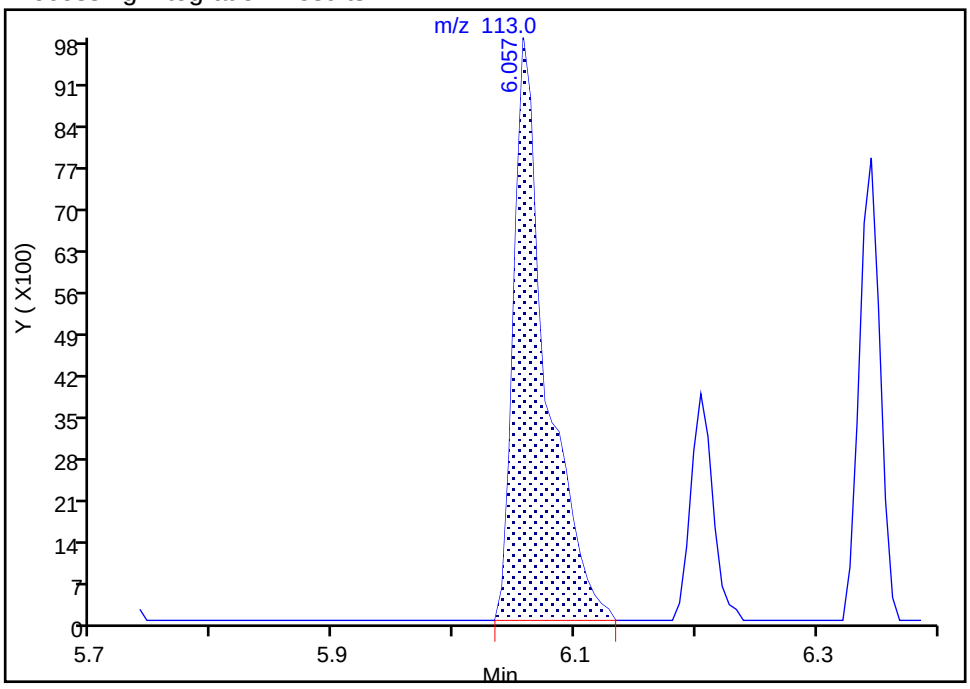
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927249.d
Injection Date: 01-Sep-2020 18:47:30 Instrument ID: CBNAMS14
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

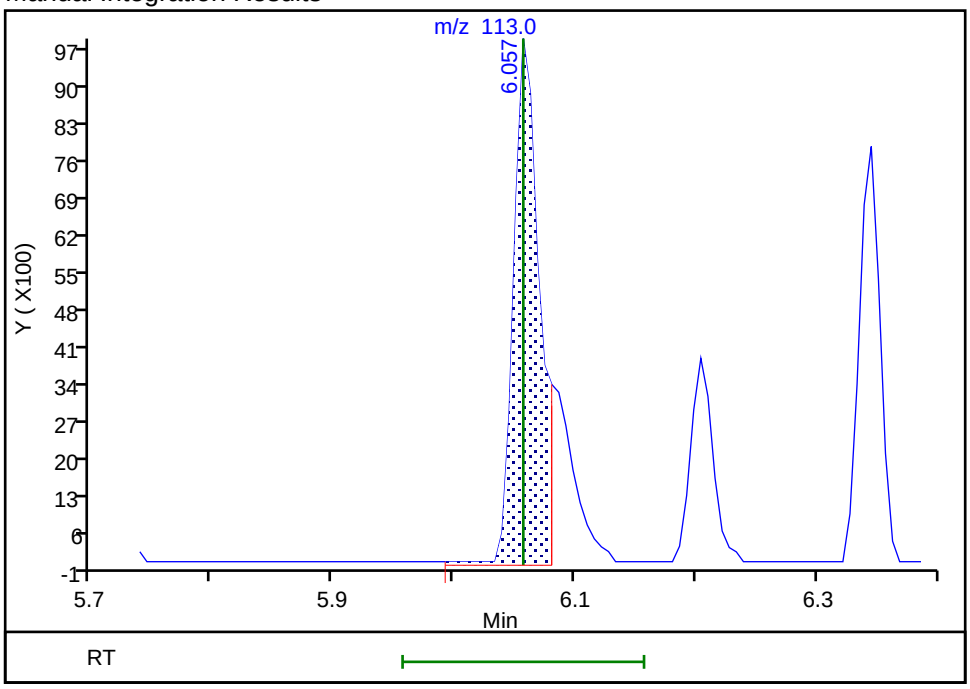
Processing Integration Results

RT: 6.06
Area: 18326
Amount: 4.819249
Amount Units: ug/ml



Manual Integration Results

RT: 6.06
Area: 15108
Amount: 3.973001
Amount Units: ug/ml



Reviewer: eisam, 01-Sep-2020 19:11:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-718482/11 Calibration Date: 08/21/2020 00:24

Instrument ID: CBNAMS15 Calib Start Date: 08/20/2020 21:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/21/2020 00:07

Lab File ID: f4515698.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6632	0.6700	0.0100	25300	25000	1.0	30.0
N-Nitrosodimethylamine	Ave	1.011	1.009		24900	25000	-0.2	30.0
Pyridine	Ave	1.789	1.469		41100	50000	-17.9	30.0
Benzaldehyde	Ave	1.501	1.117	0.0100	18600	25000	-25.6	30.0
Phenol	Ave	2.081	2.050	0.8000	24600	25000	-1.5	30.0
Aniline	Ave	2.554	2.473		24200	25000	-3.2	30.0
Bis(2-chloroethyl)ether	Ave	1.701	1.612	0.7000	23700	25000	-5.3	30.0
2-Chlorophenol	Ave	1.484	1.465	0.8000	24700	25000	-1.3	30.0
n-Decane	Ave	2.768	2.748	0.0100	24800	25000	-0.7	30.0
1,3-Dichlorobenzene	Ave	1.573	1.577		25100	25000	0.3	30.0
1,4-Dichlorobenzene	Ave	1.599	1.550		24200	25000	-3.1	30.0
Benzyl alcohol	Ave	1.054	1.056	0.0100	25000	25000	0.2	30.0
1,2-Dichlorobenzene	Ave	1.521	1.475		24300	25000	-3.0	30.0
2-Methylphenol	Ave	1.421	1.426	0.7000	25100	25000	0.4	30.0
2,2'-oxybis[1-chloropropane]	Ave	3.560	3.586	0.0100	25200	25000	0.7	30.0
N-Methylaniline	Ave	2.550	2.390		23400	25000	-6.3	30.0
3 & 4 Methylphenol	Ave	1.636	1.626		24800	25000	-0.7	30.0
4-Methylphenol	Ave	1.636	1.626	0.6000	24800	25000	-0.7	30.0
Acetophenone	Ave	2.366	2.381	0.0100	25200	25000	0.6	30.0
N-Nitrosodi-n-propylamine	Ave	1.192	1.189	0.5000	24900	25000	-0.2	30.0
Hexachloroethane	Ave	0.6828	0.6761	0.3000	24800	25000	-1.0	30.0
Nitrobenzene	Ave	0.6956	0.6738	0.2000	24200	25000	-3.1	30.0
n,n'-Dimethylaniline	Ave	2.294	2.230	0.0100	24300	25000	-2.8	30.0
Isophorone	Ave	0.8570	0.8538	0.4000	24900	25000	-0.4	30.0
2-Nitrophenol	Ave	0.1656	0.1540	0.1000	23300	25000	-7.0	30.0
2,4-Dimethylphenol	Ave	0.3339	0.3253	0.2000	24400	25000	-2.6	30.0
Benzoic acid	Lin2		0.1682		21700	25000	-13.2	30.0
Bis(2-chloroethoxy)methane	Ave	0.5279	0.5260	0.3000	24900	25000	-0.4	30.0
2,4-Dichlorophenol	Ave	0.2818	0.2810	0.2000	24900	25000	-0.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3129	0.3025		24200	25000	-3.3	30.0
Naphthalene	Ave	1.069	1.063	0.7000	24800	25000	-0.6	30.0
4-Chloroaniline	Ave	0.4537	0.4415	0.0100	24300	25000	-2.7	30.0
Hexachlorobutadiene	Ave	0.1645	0.1648	0.0100	25000	25000	0.2	30.0
Caprolactam	Ave	0.1043	0.1080	0.0100	25900	25000	3.5	30.0
4-Chloro-3-methylphenol	Ave	0.3491	0.3446		24700	25000	-1.3	30.0
2-Methylnaphthalene	Ave	0.7066	0.6935	0.4000	24500	25000	-1.8	30.0
1-Methylnaphthalene	Ave	0.6643	0.6485	0.0100	24400	25000	-2.4	30.0
Hexachlorocyclopentadiene	Ave	0.3661	0.3019	0.0500	20600	25000	-17.5	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5823	0.5866	0.0100	25200	25000	0.7	30.0
2-tertbutyl-4-methylphenol	Ave	0.4272	0.4404	0.0100	25800	25000	3.1	30.0
2,4,6-Trichlorophenol	Ave	0.3973	0.3869	0.2000	24300	25000	-2.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-718482/11 Calibration Date: 08/21/2020 00:24

Instrument ID: CBNAMS15 Calib Start Date: 08/20/2020 21:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/21/2020 00:07

Lab File ID: f4515698.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4339	0.4115	0.2000	23700	25000	-5.2	30.0
1,1'-Biphenyl	Ave	1.637	1.653	0.0100	25300	25000	1.0	30.0
2-Chloronaphthalene	Ave	1.269	1.251	0.8000	24600	25000	-1.4	30.0
Phenyl ether	Ave	0.8489	0.8170	0.0100	24100	25000	-3.8	30.0
2-Nitroaniline	Ave	0.6101	0.5954	0.0100	24400	25000	-2.4	30.0
1,3-Dimethylnaphthalene	Ave	0.9847	1.041	0.0100	26400	25000	5.7	30.0
Coumarin	Ave	0.2554	0.2523	0.0100	24700	25000	-1.2	30.0
Dimethyl phthalate	Ave	1.477	1.468	0.0100	24900	25000	-0.6	30.0
2,6-Dinitrotoluene	Ave	0.2856	0.2936	0.2000	25700	25000	2.8	30.0
Acenaphthylene	Ave	2.004	1.952	0.9000	24300	25000	-2.6	30.0
3-Nitroaniline	Ave	0.3567	0.3496	0.0100	24500	25000	-2.0	30.0
Acenaphthene	Ave	1.195	1.200	0.9000	25100	25000	0.4	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.013	0.9760	0.0100	24100	25000	-3.6	30.0
2,4-Dinitrophenol	Lin2		0.1097	0.0100	41500	50000	-17.0	30.0
4-Nitrophenol	Ave	0.3868	0.3792	0.0100	49000	50000	-2.0	30.0
2,4-Dinitrotoluene	Lin2		0.3793	0.2000	23900	25000	-4.4	30.0
Dibenzofuran	Ave	1.757	1.784	0.8000	25400	25000	1.5	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3227	0.3127	0.0100	24200	25000	-3.1	30.0
Diethyl phthalate	Ave	1.584	1.546	0.0100	24400	25000	-2.4	30.0
Fluorene	Ave	1.447	1.436	0.9000	24800	25000	-0.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6367	0.6241	0.4000	24500	25000	-2.0	30.0
4-Nitroaniline	Ave	0.3683	0.3784	0.0100	25700	25000	2.7	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.0818	0.0100	43100	50000	-13.8	30.0
N-Nitrosodiphenylamine	Ave	0.5947	0.5839	0.0100	24500	25000	-1.8	30.0
1,2-Diphenylhydrazine	Ave	1.131	1.130	0.0100	25000	25000	-0.0	30.0
4-Bromophenyl phenyl ether	Ave	0.2157	0.2184	0.1000	25300	25000	1.3	30.0
Hexachlorobenzene	Ave	0.2668	0.2552	0.1000	23900	25000	-4.4	30.0
Atrazine	Ave	0.2164	0.2169	0.0100	25100	25000	0.2	30.0
Pentachlorophenol	Ave	0.1441	0.1359	0.0500	47200	50000	-5.7	30.0
Pentachloronitrobenzene	Ave	0.0972	0.0898	0.0100	23100	25000	-7.6	30.0
n-Octadecane	Ave	1.001	0.9862	0.0100	24600	25000	-1.5	30.0
Phenanthrene	Ave	1.194	1.172	0.7000	24500	25000	-1.9	30.0
Anthracene	Ave	1.228	1.188	0.7000	24200	25000	-3.2	30.0
Carbazole	Ave	1.145	1.104	0.0100	24100	25000	-3.6	30.0
Di-n-butyl phthalate	Ave	1.528	1.469	0.0100	24000	25000	-3.8	30.0
Fluoranthene	Ave	1.248	1.227	0.6000	24600	25000	-1.7	30.0
Benzidine	Ave	0.5845	0.4529		19400	25000	-22.5	30.0
Pyrene	Ave	1.512	1.499	0.6000	24800	25000	-0.8	30.0
Bisphenol-A	Ave	0.5850	0.6044		25800	25000	3.3	30.0
Butyl benzyl phthalate	Ave	0.7325	0.7298	0.0100	24900	25000	-0.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-718482/11 Calibration Date: 08/21/2020 00:24

Instrument ID: CBNAMS15 Calib Start Date: 08/20/2020 21:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/21/2020 00:07

Lab File ID: f4515698.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.6178	0.6001	0.0100	24300	25000	-2.9	30.0
3,3'-Dichlorobenzidine	Ave	0.5171	0.5020	0.0100	24300	25000	-2.9	30.0
Benzo[a]anthracene	Ave	1.378	1.398	0.8000	25400	25000	1.4	30.0
Chrysene	Ave	1.352	1.326	0.7000	24500	25000	-1.9	30.0
Bis(2-ethylhexyl) phthalate	Ave	1.151	1.103	0.0100	24000	25000	-4.1	30.0
Di-n-octyl phthalate	Ave	1.665	1.608	0.0100	24200	25000	-3.4	30.0
Benzo[b]fluoranthene	Ave	1.173	1.174	0.7000	25000	25000	0.0	30.0
Benzo[k]fluoranthene	Ave	1.222	1.275	0.7000	26100	25000	4.4	30.0
Benzo[a]pyrene	Ave	1.018	1.152	0.7000	28300	25000	13.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.058	1.060	0.5000	25100	25000	0.2	30.0
Dibenz(a,h)anthracene	Ave	1.080	1.122	0.4000	26000	25000	3.9	30.0
Benzo[g,h,i]perylene	Ave	1.206	1.204	0.5000	25000	25000	-0.2	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515698.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 21-Aug-2020 00:24:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-011
Operator ID: Instrument ID: CBNAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 06:34:13 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: khlungprakhons Date: 21-Aug-2020 15:07:59

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.628	1.638	-0.010	92	31495	25.0	25.3	
	2 N-Nitrosodimethylamine	74	1.746	1.756	-0.010	80	47431	25.0	24.9	
	3 Pyridine	79	1.767	1.777	-0.010	77	138097	50.0	41.1	
	7 Benzaldehyde	77	2.997	3.012	-0.015	92	52501	25.0	18.6	E
	9 Phenol	94	3.035	3.056	-0.021	81	96338	25.0	24.6	
	10 Aniline	93	3.070	3.089	-0.019	88	116229	25.0	24.2	
	11 Bis(2-chloroethyl)ether	93	3.118	3.136	-0.018	89	75754	25.0	23.7	
	12 2-Chlorophenol	128	3.153	3.171	-0.018	70	68881	25.0	24.7	
	13 n-Decane	43	3.200	3.213	-0.013	95	129170	25.0	24.8	
	14 1,3-Dichlorobenzene	146	3.271	3.287	-0.016	91	74136	25.0	25.1	
*	15 1,4-Dichlorobenzene-d4	152	3.312	3.328	-0.016	97	75208	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.324	3.340	-0.016	88	72846	25.0	24.2	
	17 Benzyl alcohol	108	3.413	3.429	-0.016	89	49640	25.0	25.0	
	18 1,2-Dichlorobenzene	146	3.436	3.452	-0.016	87	69346	25.0	24.3	
	19 2-Methylphenol	108	3.492	3.508	-0.016	84	67043	25.0	25.1	
	20 2,2'-oxybis[1-chloropropane]	45	3.522	3.538	-0.016	55	168565	25.0	25.2	
	130 N-Methylaniline	106	3.607	3.624	-0.017	0	112320	25.0	23.4	
	22 4-Methylphenol	108	3.613	3.630	-0.017	69	76408	25.0	24.8	
	23 3 & 4 Methylphenol	108	3.613	3.630	-0.017	89	76408	25.0	24.8	
	21 Acetophenone	105	3.616	3.633	-0.017	82	111896	25.0	25.2	
	24 N-Nitrosodi-n-propylamine	70	3.619	3.639	-0.020	87	55892	25.0	24.9	
	25 Hexachloroethane	117	3.693	3.706	-0.013	90	31779	25.0	24.8	
	27 Nitrobenzene	123	3.743	3.760	-0.017	86	31672	25.0	24.2	
	28 n,n'-Dimethylaniline	120	3.749	3.762	-0.013	89	104803	25.0	24.3	
	29 Isophorone	82	3.929	3.946	-0.017	98	159517	25.0	24.9	
	30 2-Nitrophenol	139	3.988	3.999	-0.011	77	28773	25.0	23.3	
	31 2,4-Dimethylphenol	122	4.026	4.040	-0.014	87	60782	25.0	24.4	
	32 Bis(2-chloroethoxy)methane	93	4.106	4.120	-0.014	94	98266	25.0	24.9	
	33 Benzoic acid	122	4.097	4.135	-0.038	84	31421	25.0	21.7	
	34 2,4-Dichlorophenol	162	4.171	4.182	-0.011	89	52500	25.0	24.9	
	35 1,2,4-Trichlorobenzene	180	4.238	4.250	-0.012	93	56509	25.0	24.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	4.283	4.291	-0.008	99	298922	40.0	40.0	
37 Naphthalene	128	4.297	4.309	-0.012	97	198543	25.0	24.8	
38 4-Chloroaniline	127	4.342	4.356	-0.014	87	82488	25.0	24.3	
39 Hexachlorobutadiene	225	4.401	4.409	-0.008	92	30788	25.0	25.0	
40 Caprolactam	113	4.607	4.672	-0.065	86	20169	25.0	25.9	E
41 4-Chloro-3-methylphenol	107	4.722	4.734	-0.012	94	64376	25.0	24.7	
42 2-Methylnaphthalene	142	4.834	4.843	-0.009	80	129567	25.0	24.5	
43 1-Methylnaphthalene	142	4.908	4.917	-0.009	90	121165	25.0	24.4	
44 Hexachlorocyclopentadiene	237	4.958	4.967	-0.009	72	28136	25.0	20.6	
45 1,2,4,5-Tetrachlorobenzene	216	4.961	4.970	-0.009	93	54674	25.0	25.2	
46 2-tertbutyl-4-methylphenol	149	5.002	5.012	-0.010	85	82283	25.0	25.8	
47 2,4,6-Trichlorophenol	196	5.050	5.059	-0.009	84	36060	25.0	24.3	
48 2,4,5-Trichlorophenol	196	5.073	5.083	-0.010	88	38351	25.0	23.7	
51 1,1'-Biphenyl	154	5.194	5.204	-0.010	97	154103	25.0	25.3	
52 2-Chloronaphthalene	162	5.203	5.213	-0.010	93	116579	25.0	24.6	
53 Phenyl ether	170	5.280	5.289	-0.009	87	76141	25.0	24.1	
54 2-Nitroaniline	65	5.283	5.295	-0.012	78	55490	25.0	24.4	
55 1,3-Dimethylnaphthalene	156	5.374	5.384	-0.010	90	97044	25.0	26.4	
56 Dimethyl phthalate	163	5.439	5.451	-0.012	93	136846	25.0	24.9	
57 Coumarin	146	5.439	5.451	-0.012	73	47132	25.0	24.7	
58 2,6-Dinitrotoluene	165	5.477	5.487	-0.010	69	27359	25.0	25.7	
59 Acenaphthylene	152	5.519	5.525	-0.006	97	181898	25.0	24.3	
60 3-Nitroaniline	138	5.598	5.608	-0.010	90	32585	25.0	24.5	
* 61 Acenaphthene-d10	164	5.628	5.634	-0.006	96	149119	40.0	40.0	
62 Acenaphthene	154	5.651	5.661	-0.010	95	111798	25.0	25.1	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.660	5.670	-0.010	93	90959	25.0	24.1	
64 2,4-Dinitrophenol	184	5.678	5.688	-0.010	50	20449	50.0	41.5	
65 4-Nitrophenol	65	5.728	5.741	-0.013	95	70679	50.0	49.0	
67 2,4-Dinitrotoluene	165	5.778	5.788	-0.010	73	35354	25.0	23.9	
66 Dibenzofuran	168	5.784	5.791	-0.007	91	166224	25.0	25.4	
68 2,3,4,6-Tetrachlorophenol	232	5.876	5.882	-0.006	88	29142	25.0	24.2	
69 Diethyl phthalate	149	5.979	5.992	-0.013	96	144046	25.0	24.4	
70 Fluorene	166	6.041	6.051	-0.010	82	133822	25.0	24.8	
71 4-Chlorophenyl phenyl ether	204	6.050	6.060	-0.010	76	58170	25.0	24.5	
72 4-Nitroaniline	138	6.059	6.077	-0.018	94	35268	25.0	25.7	
73 4,6-Dinitro-2-methylphenol	198	6.082	6.095	-0.013	39	27281	50.0	43.1	
74 N-Nitrosodiphenylamine	169	6.138	6.148	-0.010	26	97366	25.0	24.5	
75 1,2-Diphenylhydrazine	77	6.168	6.178	-0.010	70	188443	25.0	25.0	
77 4-Bromophenyl phenyl ether	248	6.419	6.426	-0.007	78	36418	25.0	25.3	
78 Hexachlorobenzene	284	6.451	6.458	-0.007	87	42548	25.0	23.9	
79 Atrazine	200	6.551	6.558	-0.007	78	36163	25.0	25.1	
80 Pentachlorophenol	266	6.602	6.609	-0.007	87	45337	50.0	47.2	
81 Pentachloronitrobenzene	237	6.613	6.620	-0.007	84	14968	25.0	23.1	
82 n-Octadecane	57	6.699	6.706	-0.007	91	164448	25.0	24.6	
* 83 Phenanthrene-d10	188	6.746	6.750	-0.004	99	266807	40.0	40.0	
84 Phenanthrene	178	6.761	6.771	-0.010	99	195374	25.0	24.5	
85 Anthracene	178	6.799	6.809	-0.010	96	198149	25.0	24.2	
87 Carbazole	167	6.923	6.930	-0.007	83	184065	25.0	24.1	
88 Di-n-butyl phthalate	149	7.209	7.217	-0.008	99	244997	25.0	24.0	
89 Fluoranthene	202	7.652	7.657	-0.005	97	204557	25.0	24.6	
90 Benzidine	184	7.761	7.769	-0.008	99	75518	25.0	19.4	
91 Pyrene	202	7.817	7.825	-0.008	95	211996	25.0	24.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Bisphenol-A	213	7.870	7.878	-0.008	96	85490	25.0	25.8	
95 Butyl benzyl phthalate	149	8.339	8.348	-0.009	95	103223	25.0	24.9	
97 Carbamazepine	193	8.410	8.422	-0.012	92	84876	25.0	24.3	
99 3,3'-Dichlorobenzidine	252	8.761	8.770	-0.009	98	71003	25.0	24.3	
100 Benzo[a]anthracene	228	8.773	8.782	-0.009	100	197666	25.0	25.4	
* 98 Chrysene-d12	240	8.782	8.791	-0.009	97	226303	40.0	40.0	
101 Chrysene	228	8.806	8.814	-0.008	95	187531	25.0	24.5	
102 Bis(2-ethylhexyl) phthalate	149	8.844	8.853	-0.009	87	156014	25.0	24.0	
103 Di-n-octyl phthalate	149	9.470	9.479	-0.009	96	257650	25.0	24.2	
104 Benzo[b]fluoranthene	252	9.791	9.804	-0.013	98	188127	25.0	25.0	
105 Benzo[k]fluoranthene	252	9.818	9.833	-0.015	99	204307	25.0	26.1	
106 Benzo[a]pyrene	252	10.119	10.135	-0.016	94	184620	25.0	28.3	
* 107 Perylene-d12	264	10.181	10.191	-0.010	97	256318	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.285	11.304	-0.019	94	169795	25.0	25.1	M
109 Dibenz(a,h)anthracene	278	11.317	11.336	-0.019	41	179769	25.0	26.0	
110 Benzo[g,h,i]perylene	276	11.565	11.587	-0.022	93	192840	25.0	25.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_ICV_00002 Amount Added: 1.00 Units: mL

Report Date: 21-Aug-2020 06:34:20 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515698.D

Injection Date: 21-Aug-2020 00:24:30 Instrument ID: CBNAMS15 Operator ID:

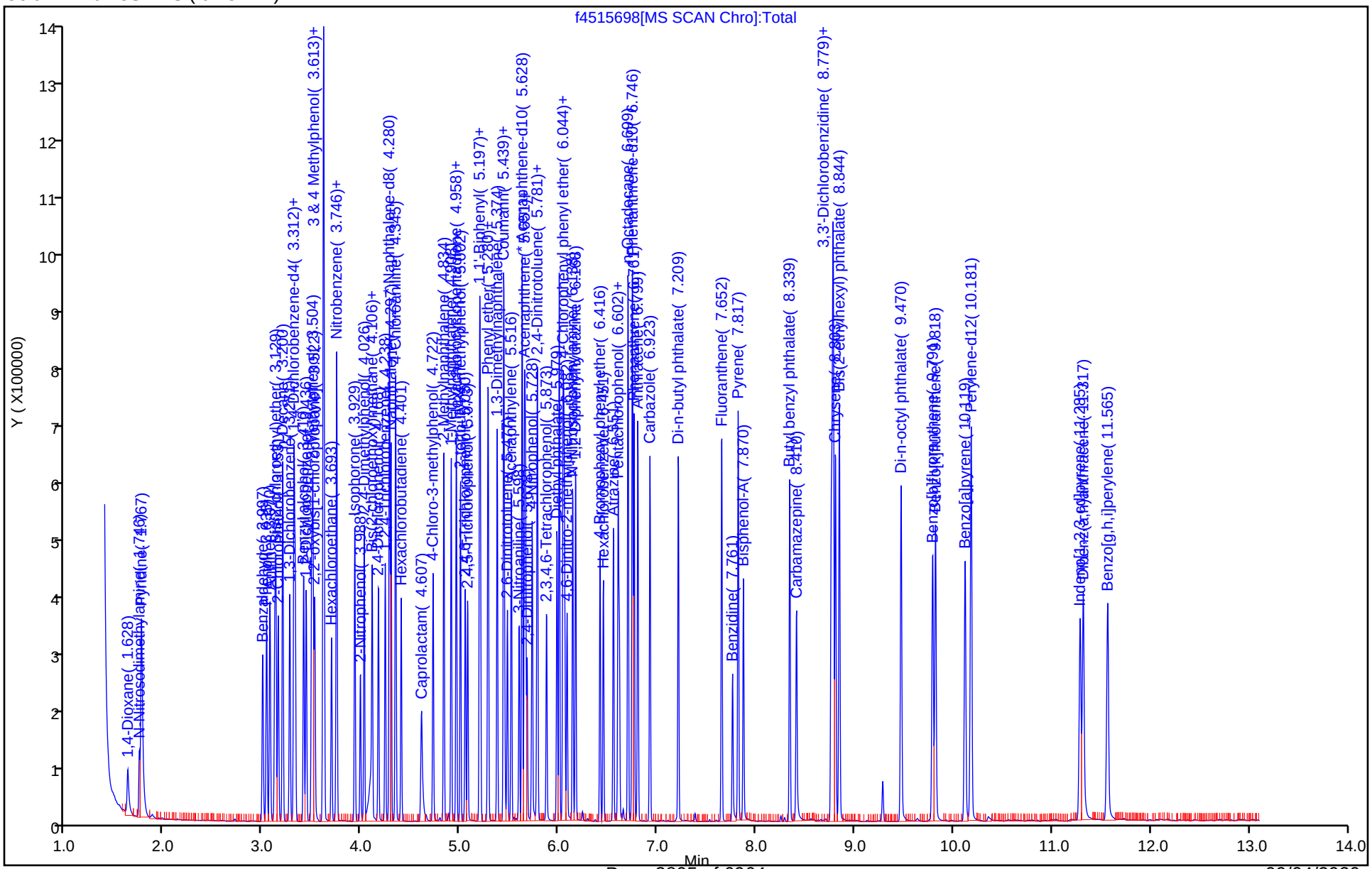
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

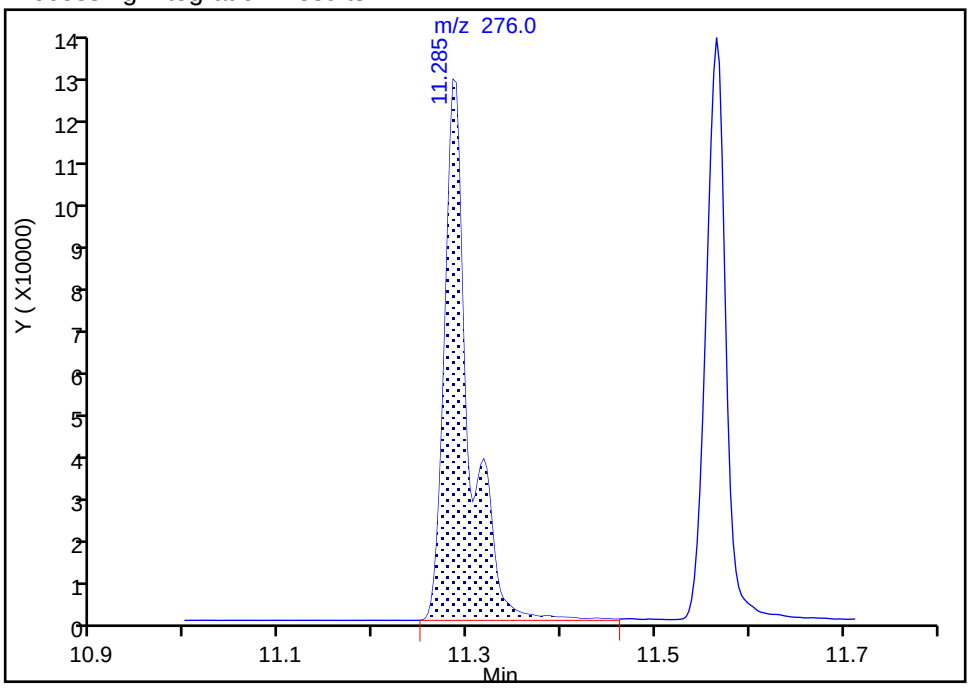
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515698.D
Injection Date: 21-Aug-2020 00:24:30 Instrument ID: CBNAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

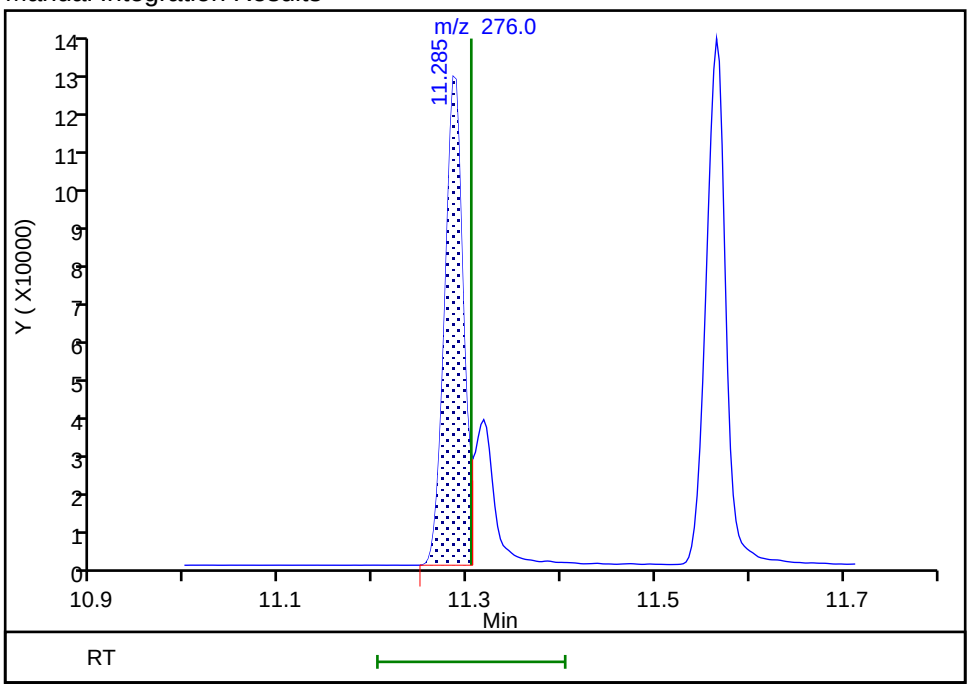
Processing Integration Results

RT: 11.28
Area: 222219
Amount: 32.551264
Amount Units: ug/ml



Manual Integration Results

RT: 11.28
Area: 169795
Amount: 25.052758
Amount Units: ug/ml



Reviewer: khlungprakhons, 21-Aug-2020 15:07:49
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720409/2 Calibration Date: 08/28/2020 19:44

Instrument ID: CBNAMS15 Calib Start Date: 08/20/2020 21:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/21/2020 00:07

Lab File ID: f4516030.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6632	0.6326	0.0100	47700	50000	-4.6	20.0
N-Nitrosodimethylamine	Ave	1.011	0.9467		46800	50000	-6.4	20.0
Pyridine	Ave	1.789	1.506		84200	100000	-15.8	20.0
Benzaldehyde	Ave	1.501	1.600	0.0100	21300	20000	6.6	20.0
Phenol	Ave	2.081	2.043	0.8000	49100	50000	-1.8	20.0
Aniline	Ave	2.554	2.475		48400	50000	-3.1	20.0
Bis(2-chloroethyl)ether	Ave	1.701	1.651	0.7000	48500	50000	-3.0	20.0
2-Chlorophenol	Ave	1.484	1.480	0.8000	49900	50000	-0.2	20.0
n-Decane	Ave	2.768	2.638	0.0100	47600	50000	-4.7	20.0
1,3-Dichlorobenzene	Ave	1.573	1.566		49800	50000	-0.4	20.0
1,4-Dichlorobenzene	Ave	1.599	1.595		49900	50000	-0.2	20.0
Benzyl alcohol	Ave	1.054	0.9939	0.0100	47100	50000	-5.7	20.0
1,2-Dichlorobenzene	Ave	1.521	1.500		49300	50000	-1.4	20.0
2-Methylphenol	Ave	1.421	1.385	0.7000	48700	50000	-2.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.560	3.432	0.0100	48200	50000	-3.6	20.0
N-Methylaniline	Ave	2.550	2.519		49400	50000	-1.2	20.0
Acetophenone	Ave	2.366	2.311	0.0100	48800	50000	-2.3	20.0
3 & 4 Methylphenol	Ave	1.636	1.593		48700	50000	-2.7	20.0
4-Methylphenol	Ave	1.636	1.593	0.6000	48700	50000	-2.7	20.0
N-Nitrosodi-n-propylamine	Ave	1.192	1.181	0.5000	49500	50000	-0.9	20.0
Hexachloroethane	Ave	0.6828	0.6975	0.3000	51100	50000	2.2	20.0
Nitrobenzene	Ave	0.6956	0.7346	0.2000	52800	50000	5.6	20.0
n,n'-Dimethylaniline	Ave	2.294	2.159	0.0100	47100	50000	-5.9	20.0
Isophorone	Ave	0.8570	0.8603	0.4000	50200	50000	0.4	20.0
2-Nitrophenol	Ave	0.1656	0.1975	0.1000	59600	50000	19.3	20.0
2,4-Dimethylphenol	Ave	0.3339	0.3354	0.2000	50200	50000	0.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.5279	0.5274	0.3000	49900	50000	-0.1	20.0
Benzoic acid	Lin2		0.2126		51500	50000	2.9	20.0
2,4-Dichlorophenol	Ave	0.2818	0.3053	0.2000	54200	50000	8.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3129	0.3368		53800	50000	7.6	20.0
Naphthalene	Ave	1.069	1.086	0.7000	50800	50000	1.6	20.0
4-Chloroaniline	Ave	0.4537	0.4611	0.0100	50800	50000	1.6	20.0
Hexachlorobutadiene	Ave	0.1645	0.1795	0.0100	54500	50000	9.1	20.0
Caprolactam	Ave	0.1043	0.0951	0.0100	18200	20000	-8.8	20.0
4-Chloro-3-methylphenol	Ave	0.3491	0.3676		52700	50000	5.3	20.0
2-Methylnaphthalene	Ave	0.7066	0.7348	0.4000	52000	50000	4.0	20.0
1-Methylnaphthalene	Ave	0.6643	0.6927	0.0100	52100	50000	4.3	20.0
Hexachlorocyclopentadiene	Ave	0.3661	0.4320	0.0500	59000	50000	18.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5823	0.6061	0.0100	52000	50000	4.1	20.0
2-tertbutyl-4-methylphenol	Ave	0.4272	0.4387	0.0100	51300	50000	2.7	20.0
2,4,6-Trichlorophenol	Ave	0.3973	0.4175	0.2000	52500	50000	5.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720409/2 Calibration Date: 08/28/2020 19:44

Instrument ID: CBNAMS15 Calib Start Date: 08/20/2020 21:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/21/2020 00:07

Lab File ID: f4516030.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4339	0.4589	0.2000	52900	50000	5.8	20.0
1,1'-Biphenyl	Ave	1.637	1.640	0.0100	50100	50000	0.2	20.0
2-Chloronaphthalene	Ave	1.269	1.271	0.8000	50100	50000	0.2	20.0
Phenyl ether	Ave	0.8489	0.8574	0.0100	50500	50000	1.0	20.0
2-Nitroaniline	Ave	0.6101	0.6587	0.0100	54000	50000	8.0	20.0
1,3-Dimethylnaphthalene	Ave	0.9847	1.026	0.0100	52100	50000	4.2	20.0
Coumarin	Ave	0.2554	0.2561	0.0100	50100	50000	0.3	20.0
Dimethyl phthalate	Ave	1.477	1.469	0.0100	49700	50000	-0.5	20.0
2,6-Dinitrotoluene	Ave	0.2856	0.3350	0.2000	58600	50000	17.3	20.0
Acenaphthylene	Ave	2.004	1.956	0.9000	48800	50000	-2.4	20.0
3-Nitroaniline	Ave	0.3567	0.3797	0.0100	53200	50000	6.5	20.0
Acenaphthene	Ave	1.195	1.172	0.9000	49100	50000	-1.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.013	1.008	0.0100	49700	50000	-0.5	20.0
2,4-Dinitrophenol	Lin2		0.2009	0.0100	146000	100000	46.2*	20.0
4-Nitrophenol	Ave	0.3868	0.3853	0.0100	99600	100000	-0.4	20.0
2,4-Dinitrotoluene	Lin2		0.4458	0.2000	55500	50000	11.1	20.0
Dibenzofuran	Ave	1.757	1.772	0.8000	50400	50000	0.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3227	0.3638	0.0100	56400	50000	12.8	20.0
Diethyl phthalate	Ave	1.584	1.542	0.0100	48700	50000	-2.7	20.0
Fluorene	Ave	1.447	1.442	0.9000	49800	50000	-0.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.6367	0.6588	0.4000	51700	50000	3.5	20.0
4-Nitroaniline	Ave	0.3683	0.3788	0.0100	51400	50000	2.8	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1317	0.0100	135000	100000	34.6*	20.0
N-Nitrosodiphenylamine	Ave	0.5947	0.5688	0.0100	47800	50000	-4.4	20.0
1,2-Diphenylhydrazine	Ave	1.131	1.026	0.0100	45400	50000	-9.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2157	0.2188	0.1000	50700	50000	1.5	20.0
Hexachlorobenzene	Ave	0.2668	0.2603	0.1000	48800	50000	-2.4	20.0
Atrazine	Ave	0.2164	0.2355	0.0100	21800	20000	8.8	20.0
Pentachlorophenol	Ave	0.1441	0.1640	0.0500	114000	100000	13.8	20.0
Pentachloronitrobenzene	Ave	0.0972	0.1061	0.0100	54600	50000	9.2	20.0
n-Octadecane	Ave	1.001	0.9209	0.0100	46000	50000	-8.0	20.0
Phenanthrene	Ave	1.194	1.151	0.7000	48200	50000	-3.6	20.0
Anthracene	Ave	1.228	1.190	0.7000	48500	50000	-3.0	20.0
Carbazole	Ave	1.145	1.082	0.0100	47200	50000	-5.5	20.0
Di-n-butyl phthalate	Ave	1.528	1.443	0.0100	47200	50000	-5.6	20.0
Fluoranthene	Ave	1.248	1.231	0.6000	49300	50000	-1.4	20.0
Benzidine	Ave	0.5845	0.8119		69500	50000	38.9*	20.0
Pyrene	Ave	1.512	1.415	0.6000	46800	50000	-6.4	20.0
Bisphenol-A	Ave	0.5850	0.6122		52300	50000	4.7	20.0
Butyl benzyl phthalate	Ave	0.7325	0.7132	0.0100	48700	50000	-2.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720409/2 Calibration Date: 08/28/2020 19:44

Instrument ID: CBNAMS15 Calib Start Date: 08/20/2020 21:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/21/2020 00:07

Lab File ID: f4516030.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2147	0.2305	0.0100	537	500	7.4	20.0
Carbamazepine	Ave	0.6178	0.6219	0.0100	50300	50000	0.7	20.0
3,3'-Dichlorobenzidine	Ave	0.5171	0.5446	0.0100	52700	50000	5.3	20.0
Benzo[a]anthracene	Ave	1.378	1.323	0.8000	48000	50000	-4.0	20.0
Chrysene	Ave	1.352	1.297	0.7000	48000	50000	-4.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.151	1.069	0.0100	46500	50000	-7.1	20.0
Di-n-octyl phthalate	Ave	1.665	1.795	0.0100	53900	50000	7.8	20.0
Benzo[b]fluoranthene	Ave	1.173	1.308	0.7000	55700	50000	11.4	20.0
Benzo[k]fluoranthene	Ave	1.222	1.350	0.7000	55200	50000	10.5	20.0
Benzo[a]pyrene	Ave	1.018	1.159	0.7000	56900	50000	13.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.058	1.241	0.5000	58700	50000	17.3	20.0
Dibenz(a,h)anthracene	Ave	1.080	1.292	0.4000	59800	50000	19.6	20.0
Benzo[g,h,i]perylene	Ave	1.206	1.275	0.5000	52800	50000	5.7	20.0
2-Fluorophenol (Surr)	Ave	1.546	1.586		51300	50000	2.6	20.0
Phenol-d5 (Surr)	Ave	2.018	2.072		51300	50000	2.6	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4747	0.5246		55200	50000	10.5	20.0
2-Fluorobiphenyl	Ave	1.486	1.575		53000	50000	6.0	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2371	0.2906		61300	50000	22.6*	20.0
Terphenyl-d14 (Surr)	Ave	1.026	1.063		51800	50000	3.6	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516030.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Aug-2020 19:44:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:29:56 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 28-Aug-2020 20:33:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.633	1.633	0.000	90	61463	50.0	47.7	
2 N-Nitrosodimethylamine	74	1.754	1.754	0.000	80	91985	50.0	46.8	
3 Pyridine	79	1.774	1.774	0.000	77	292565	100.0	84.2	
$ 5 2-Fluorophenol	112	2.432	2.432	0.000	88	154135	50.0	51.3	
7 Benzaldehyde	77	3.022	3.022	0.000	87	62165	20.0	21.3	E
$ 8 Phenol-d5	99	3.063	3.063	0.000	97	201299	50.0	51.3	
9 Phenol	94	3.072	3.072	0.000	95	198465	50.0	49.1	
10 Aniline	93	3.099	3.099	0.000	9	240470	50.0	48.4	a
11 Bis(2-chloroethyl)ether	93	3.149	3.149	0.000	89	160400	50.0	48.5	
12 2-Chlorophenol	128	3.184	3.184	0.000	61	143849	50.0	49.9	
13 n-Decane	43	3.226	3.226	0.000	95	256270	50.0	47.6	
14 1,3-Dichlorobenzene	146	3.299	3.299	0.000	90	152129	50.0	49.8	
* 15 1,4-Dichlorobenzene-d4	152	3.341	3.341	0.000	97	77730	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.355	3.355	0.000	81	154961	50.0	49.9	
17 Benzyl alcohol	108	3.444	3.444	0.000	88	96572	50.0	47.1	
18 1,2-Dichlorobenzene	146	3.465	3.465	0.000	87	145716	50.0	49.3	
19 2-Methylphenol	108	3.529	3.529	0.000	80	134561	50.0	48.7	
20 2,2'-oxybis[1-chloropropane]	45	3.553	3.553	0.000	92	333481	50.0	48.2	
130 N-Methylaniline	106	3.642	3.642	0.000	0	244745	50.0	49.4	a
21 Acetophenone	105	3.650	3.650	0.000	83	224503	50.0	48.8	
22 4-Methylphenol	108	3.653	3.653	0.000	68	154774	50.0	48.7	
23 3 & 4 Methylphenol	108	3.653	3.653	0.000	74	154774	50.0	48.7	
24 N-Nitrosodi-n-propylamine	70	3.653	3.653	0.000	79	114734	50.0	49.5	
25 Hexachloroethane	117	3.721	3.721	0.000	92	67772	50.0	51.1	
$ 26 Nitrobenzene-d5	82	3.762	3.762	0.000	93	198300	50.0	55.2	
27 Nitrobenzene	123	3.777	3.777	0.000	85	71380	50.0	52.8	
28 n,n'-Dimethylaniline	120	3.780	3.780	0.000	74	209800	50.0	47.1	
29 Isophorone	82	3.966	3.966	0.000	98	325208	50.0	50.2	
30 2-Nitrophenol	139	4.019	4.019	0.000	75	74643	50.0	59.6	
31 2,4-Dimethylphenol	122	4.063	4.063	0.000	87	126776	50.0	50.2	
32 Bis(2-chloroethoxy)methane	93	4.140	4.140	0.000	94	199364	50.0	49.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.161	4.161	0.000	88	80375	50.0	51.5	
34 2,4-Dichlorophenol	162	4.208	4.208	0.000	90	115419	50.0	54.2	
35 1,2,4-Trichlorobenzene	180	4.273	4.273	0.000	93	127324	50.0	53.8	
* 36 Naphthalene-d8	136	4.314	4.314	0.000	99	302424	40.0	40.0	
37 Naphthalene	128	4.332	4.332	0.000	98	410563	50.0	50.8	
38 4-Chloroaniline	127	4.379	4.379	0.000	87	174320	50.0	50.8	
39 Hexachlorobutadiene	225	4.432	4.432	0.000	92	67838	50.0	54.5	
40 Caprolactam	113	4.656	4.656	0.000	85	14385	20.0	18.2	M
41 4-Chloro-3-methylphenol	107	4.765	4.765	0.000	92	138978	50.0	52.7	
42 2-Methylnaphthalene	142	4.869	4.869	0.000	81	277772	50.0	52.0	
43 1-Methylnaphthalene	142	4.942	4.942	0.000	90	261843	50.0	52.1	
44 Hexachlorocyclopentadiene	237	4.993	4.993	0.000	88	85878	50.0	59.0	
45 1,2,4,5-Tetrachlorobenzene	216	4.998	4.998	0.000	95	120500	50.0	52.0	
46 2-tertbutyl-4-methylphenol	149	5.040	5.040	0.000	85	165833	50.0	51.3	
47 2,4,6-Trichlorophenol	196	5.090	5.090	0.000	85	83000	50.0	52.5	
48 2,4,5-Trichlorophenol	196	5.116	5.116	0.000	92	91237	50.0	52.9	
$ 50 2-Fluorobiphenyl	172	5.158	5.158	0.000	97	313127	50.0	53.0	
51 1,1'-Biphenyl	154	5.232	5.232	0.000	97	326057	50.0	50.1	
52 2-Chloronaphthalene	162	5.243	5.243	0.000	96	252707	50.0	50.1	
53 Phenyl ether	170	5.317	5.317	0.000	90	170459	50.0	50.5	
54 2-Nitroaniline	65	5.326	5.326	0.000	91	130951	50.0	54.0	
55 1,3-Dimethylnaphthalene	156	5.411	5.411	0.000	89	203993	50.0	52.1	
56 Dimethyl phthalate	163	5.482	5.482	0.000	94	292010	50.0	49.7	
57 Coumarin	146	5.482	5.482	0.000	72	96811	50.0	50.1	
58 2,6-Dinitrotoluene	165	5.521	5.521	0.000	70	66599	50.0	58.6	
59 Acenaphthylene	152	5.556	5.556	0.000	96	388821	50.0	48.8	
60 3-Nitroaniline	138	5.641	5.641	0.000	89	75491	50.0	53.2	
* 61 Acenaphthene-d10	164	5.665	5.665	0.000	86	159043	40.0	40.0	
62 Acenaphthene	154	5.692	5.692	0.000	95	233044	50.0	49.1	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.701	5.701	0.000	93	200340	50.0	49.7	
64 2,4-Dinitrophenol	184	5.724	5.724	0.000	61	79881	100.0	146.2	
65 4-Nitrophenol	65	5.783	5.783	0.000	95	153182	100.0	99.6	
67 2,4-Dinitrotoluene	165	5.821	5.821	0.000	69	88622	50.0	55.5	
66 Dibenzofuran	168	5.824	5.824	0.000	90	352330	50.0	50.4	
68 2,3,4,6-Tetrachlorophenol	232	5.919	5.919	0.000	90	72333	50.0	56.4	
69 Diethyl phthalate	149	6.022	6.022	0.000	96	306524	50.0	48.7	
70 Fluorene	166	6.084	6.084	0.000	81	286635	50.0	49.8	
71 4-Chlorophenyl phenyl ether	204	6.090	6.090	0.000	79	130962	50.0	51.7	
72 4-Nitroaniline	138	6.114	6.114	0.000	57	75297	50.0	51.4	
73 4,6-Dinitro-2-methylphenol	198	6.134	6.134	0.000	66	97520	100.0	134.6	
74 N-Nitrosodiphenylamine	169	6.184	6.184	0.000	33	210623	50.0	47.8	
75 1,2-Diphenylhydrazine	77	6.211	6.211	0.000	66	379992	50.0	45.4	
$ 76 2,4,6-Tribromophenol	330	6.264	6.264	0.000	94	57767	50.0	61.3	
77 4-Bromophenyl phenyl ether	248	6.459	6.459	0.000	77	81033	50.0	50.7	
78 Hexachlorobenzene	284	6.495	6.495	0.000	97	96371	50.0	48.8	
79 Atrazine	200	6.598	6.598	0.000	82	34875	20.0	21.8	
80 Pentachlorophenol	266	6.651	6.651	0.000	88	121428	100.0	113.8	
81 Pentachloronitrobenzene	237	6.660	6.660	0.000	85	39293	50.0	54.6	
82 n-Octadecane	57	6.743	6.743	0.000	91	340980	50.0	46.0	
* 83 Phenanthrene-d10	188	6.790	6.790	0.000	99	296221	40.0	40.0	
84 Phenanthrene	178	6.808	6.808	0.000	99	426299	50.0	48.2	
85 Anthracene	178	6.846	6.846	0.000	97	440696	50.0	48.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.973	6.973	0.000	83	400644	50.0	47.2	
88 Di-n-butyl phthalate	149	7.256	7.256	0.000	99	534305	50.0	47.2	
89 Fluoranthene	202	7.702	7.702	0.000	97	455824	50.0	49.3	
90 Benzidine	184	7.814	7.814	0.000	99	300621	50.0	69.5	
91 Pyrene	202	7.870	7.870	0.000	96	469119	50.0	46.8	
92 Bisphenol-A	213	7.926	7.926	0.000	96	202918	50.0	52.3	
$ 93 Terphenyl-d14	244	8.003	8.003	0.000	99	352335	50.0	51.8	
95 Butyl benzyl phthalate	149	8.395	8.395	0.000	96	236382	50.0	48.7	
96 2,3,7,8-TCDD	320	8.446	8.446	0.000	61	764	0.5000	0.5369	
97 Carbamazepine	193	8.472	8.472	0.000	92	206125	50.0	50.3	
99 3,3'-Dichlorobenzidine	252	8.829	8.829	0.000	98	180517	50.0	52.7	
100 Benzo[a]anthracene	228	8.841	8.841	0.000	99	438518	50.0	48.0	
* 98 Chrysene-d12	240	8.850	8.850	0.000	99	265154	40.0	40.0	
101 Chrysene	228	8.874	8.874	0.000	95	429871	50.0	48.0	
102 Bis(2-ethylhexyl) phthalate	149	8.906	8.906	0.000	80	354467	50.0	46.5	
103 Di-n-octyl phthalate	149	9.544	9.544	0.000	96	615327	50.0	53.9	
104 Benzo[b]fluoranthene	252	9.880	9.880	0.000	96	448267	50.0	55.7	
105 Benzo[k]fluoranthene	252	9.910	9.910	0.000	99	462679	50.0	55.2	
106 Benzo[a]pyrene	252	10.217	10.217	0.000	96	397271	50.0	56.9	
* 107 Perylene-d12	264	10.276	10.276	0.000	98	274271	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.406	11.406	0.000	99	425413	50.0	58.7	M
109 Dibenz(a,h)anthracene	278	11.439	11.439	0.000	96	442829	50.0	59.8	
110 Benzo[g,h,i]perylene	276	11.699	11.699	0.000	94	437007	50.0	52.8	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

Report Date: 31-Aug-2020 12:29:57 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516030.D

Injection Date: 28-Aug-2020 19:44:30 Instrument ID: CBNAMS15 Operator ID:

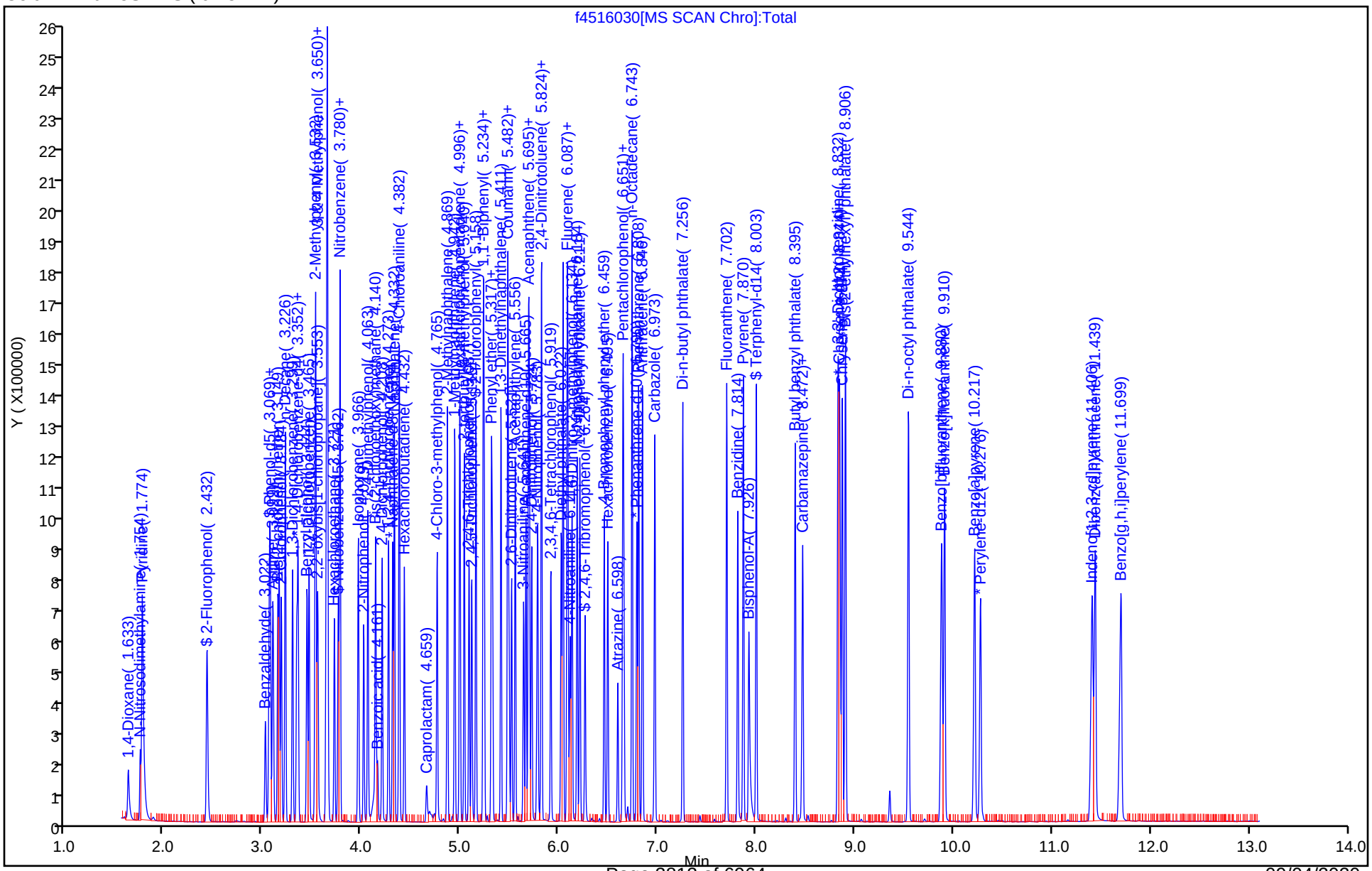
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

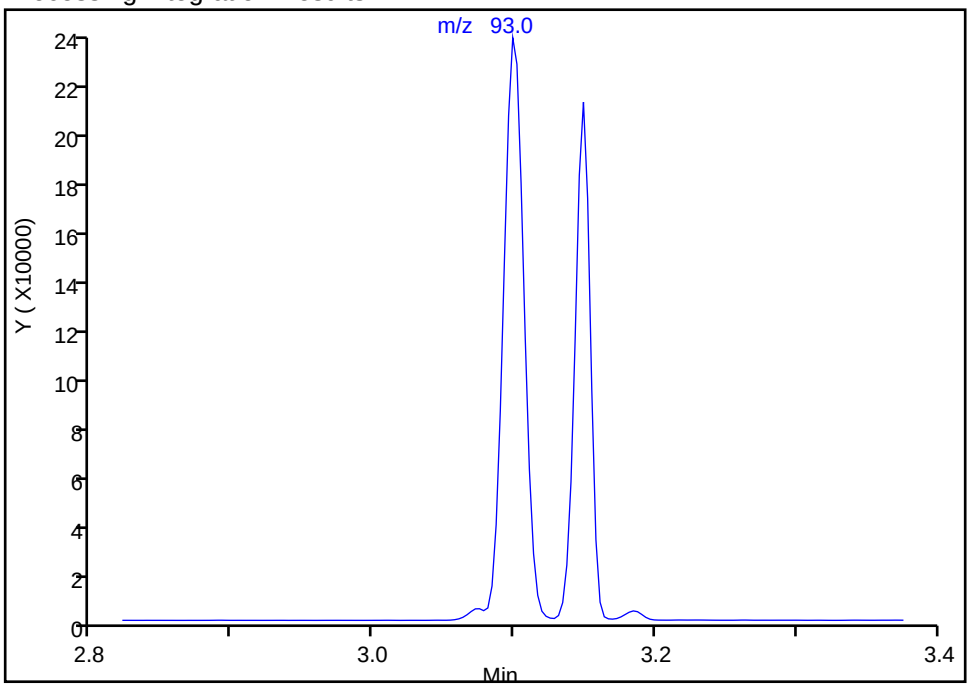
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516030.D				
Injection Date:	28-Aug-2020 19:44:30	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Aniline, CAS: 62-53-3

Signal: 1

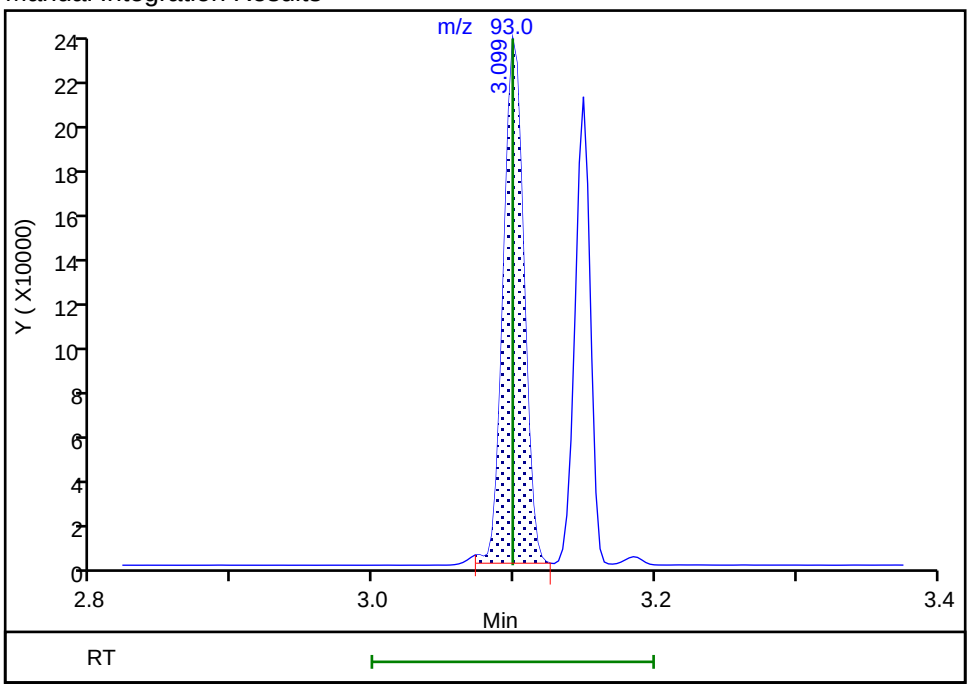
Not Detected
Expected RT: 3.10

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 240470
Amount: 48.447004
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 20:01:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

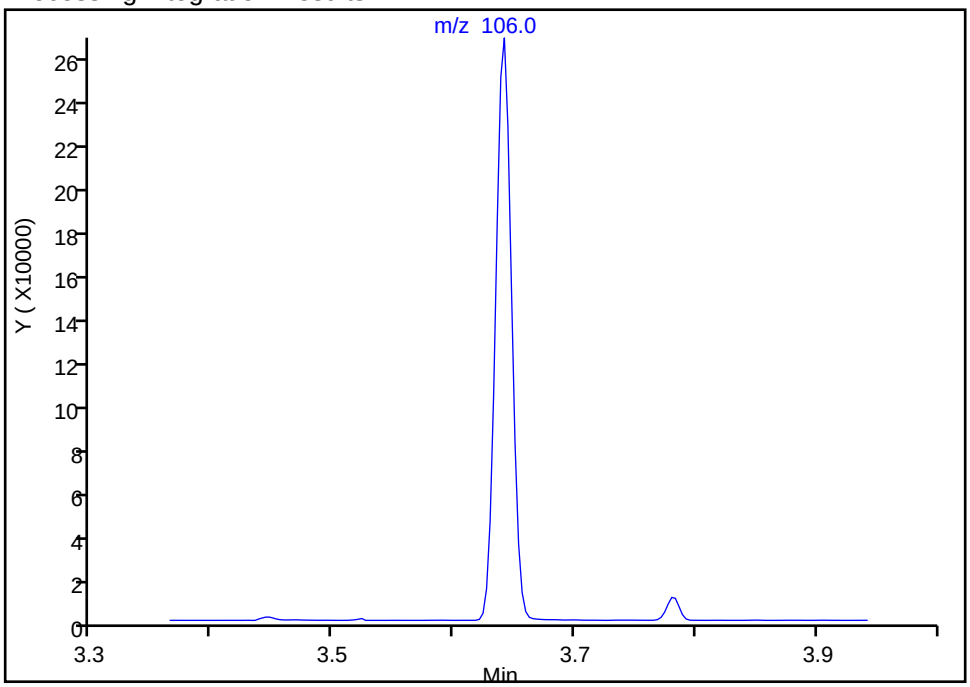
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516030.D				
Injection Date:	28-Aug-2020 19:44:30	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

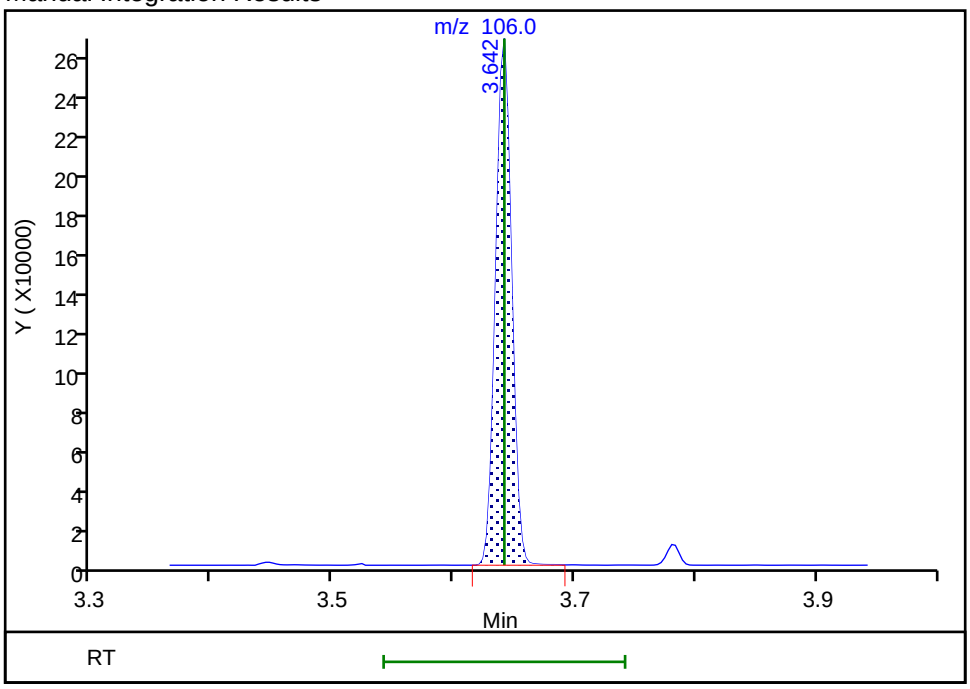
Not Detected
Expected RT: 3.64

Processing Integration Results



Manual Integration Results

RT: 3.64
Area: 244745
Amount: 49.394142
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 20:01:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

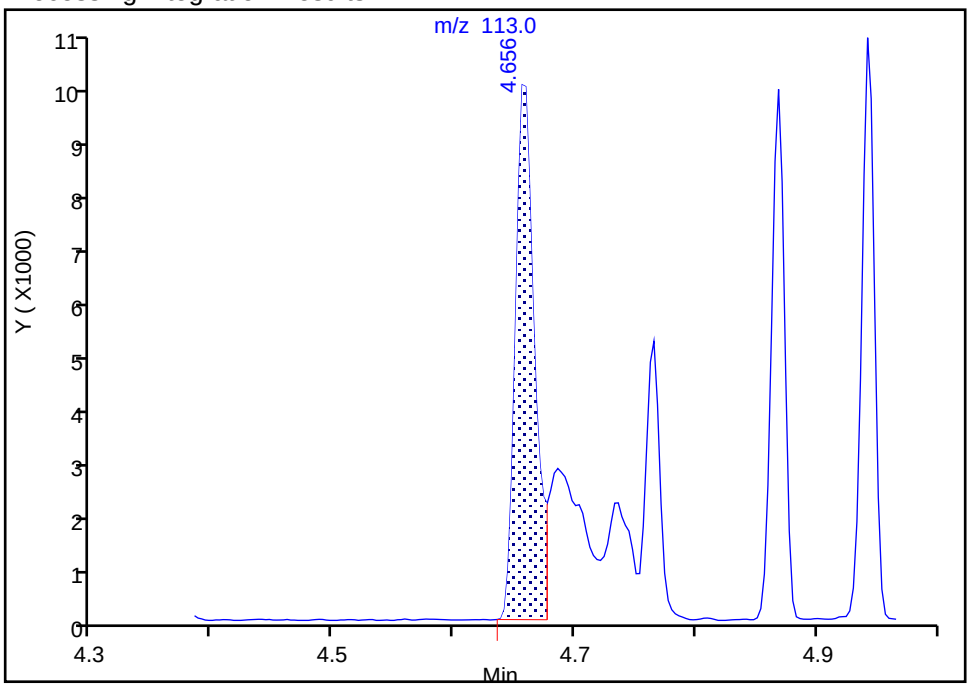
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516030.D				
Injection Date:	28-Aug-2020 19:44:30	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

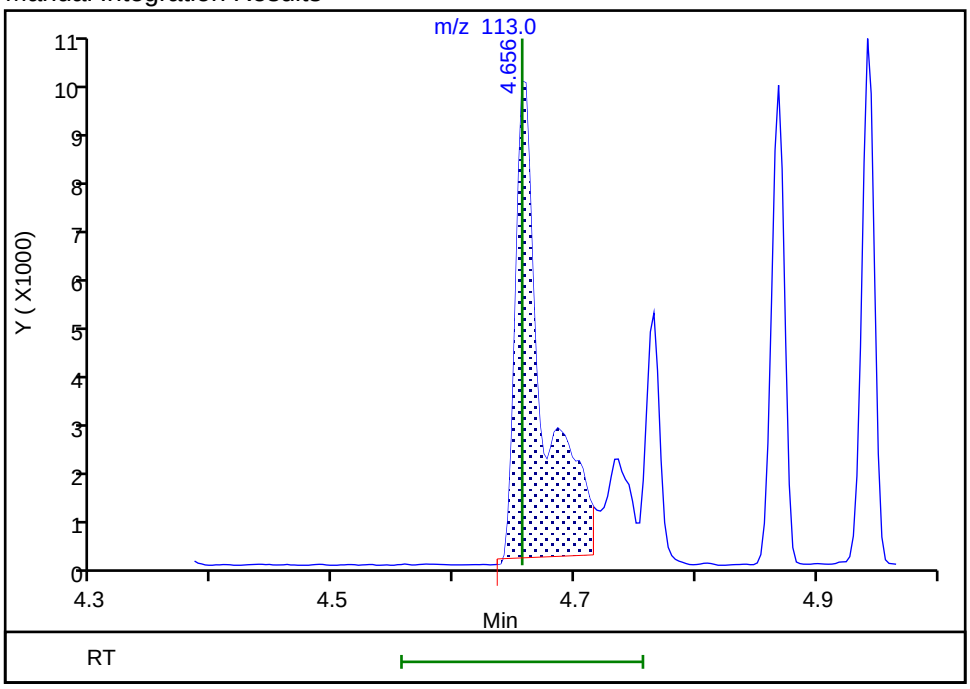
Processing Integration Results

RT: 4.66
Area: 10395
Amount: 13.181954
Amount Units: ug/ml



Manual Integration Results

RT: 4.66
Area: 14385
Amount: 18.241694
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 20:01:43

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

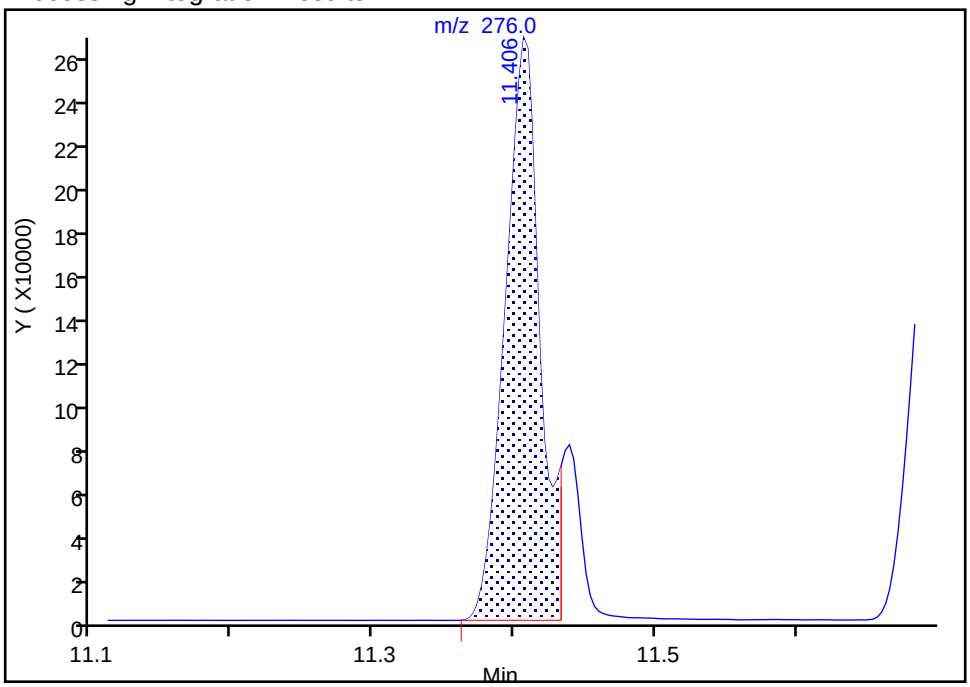
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516030.D				
Injection Date:	28-Aug-2020 19:44:30	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

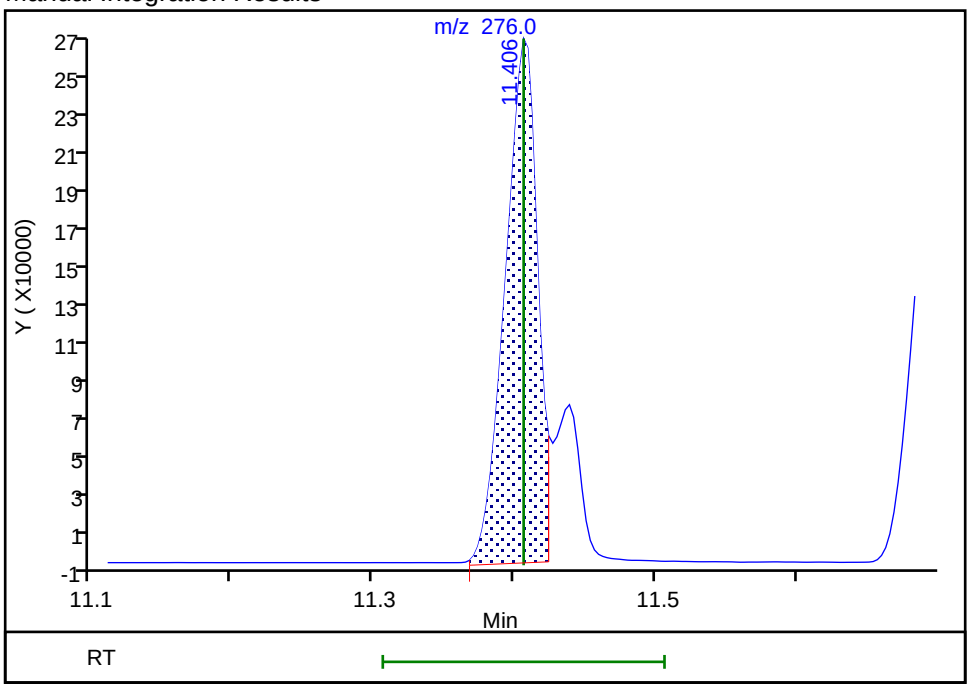
Processing Integration Results

RT: 11.41
Area: 458322
Amount: 63.197597
Amount Units: ug/ml



Manual Integration Results

RT: 11.41
Area: 425413
Amount: 58.659805
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 20:01:28

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-708259/11 Calibration Date: 07/14/2020 18:22

Instrument ID: CBNAMS17 Calib Start Date: 07/14/2020 15:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/14/2020 18:01

Lab File ID: M134225.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5032	0.4634	0.0100	4600	5000	-7.9	30.0
N-Nitrosodimethylamine	Ave	0.7574	0.7760		5120	5000	2.5	30.0
Pyridine	Ave	1.261	1.035		8210	10000	-17.9	30.0
Benzaldehyde	Ave	1.172	0.9552	0.0100	4080	5000	-18.5	30.0
Aniline	Ave	2.204	2.146		4870	5000	-2.6	30.0
Phenol	Ave	1.779	1.843	0.8000	5180	5000	3.6	30.0
Bis(2-chloroethyl)ether	Ave	1.361	1.330	0.7000	4890	5000	-2.3	30.0
2-Chlorophenol	Ave	1.395	1.385	0.8000	4970	5000	-0.7	30.0
n-Decane	Ave	1.899	1.907	0.0100	5020	5000	0.4	30.0
1,3-Dichlorobenzene	Ave	1.660	1.612		4860	5000	-2.9	30.0
1,4-Dichlorobenzene	Ave	1.647	1.614		4900	5000	-2.0	30.0
Benzyl alcohol	Ave	0.8225	0.8360	0.0100	5080	5000	1.6	30.0
1,2-Dichlorobenzene	Ave	1.557	1.540		4950	5000	-1.1	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.516	2.552	0.0100	5070	5000	1.4	30.0
2-Methylphenol	Ave	1.209	1.218	0.7000	5040	5000	0.8	30.0
N-Methylaniline	Ave	2.079	1.990		4790	5000	-4.3	30.0
Acetophenone	Ave	1.954	1.933	0.0100	4950	5000	-1.1	30.0
N-Nitrosodi-n-propylamine	Ave	1.002	1.029	0.5000	5130	5000	2.7	30.0
3 & 4 Methylphenol	Ave	1.258	1.261		5010	5000	0.2	30.0
4-Methylphenol	Ave	1.256	1.249	0.6000	4970	5000	-0.5	30.0
Hexachloroethane	Ave	0.6677	0.6591	0.3000	4940	5000	-1.3	30.0
Nitrobenzene	Ave	0.6138	0.6099	0.2000	4970	5000	-0.6	30.0
n,n'-Dimethylaniline	Ave	1.956	1.926	0.0100	4920	5000	-1.6	30.0
Isophorone	Ave	0.7108	0.7211	0.4000	5070	5000	1.4	30.0
2-Nitrophenol	Ave	0.1980	0.1985	0.1000	5010	5000	0.2	30.0
2,4-Dimethylphenol	Ave	0.3074	0.3003	0.2000	4880	5000	-2.3	30.0
Bis(2-chloroethoxy)methane	Ave	0.4614	0.4656	0.3000	5050	5000	0.9	30.0
Benzoic acid	Lin2		0.1565		4460	5000	-10.8	30.0
2,4-Dichlorophenol	Ave	0.3198	0.3181	0.2000	4970	5000	-0.5	30.0
1,2,4-Trichlorobenzene	Ave	0.3614	0.3578		4950	5000	-1.0	30.0
Naphthalene	Ave	1.042	1.018	0.7000	4890	5000	-2.2	30.0
4-Chloroaniline	Ave	0.4292	0.4256	0.0100	4960	5000	-0.9	30.0
Hexachlorobutadiene	Ave	0.2133	0.2149	0.0100	5040	5000	0.8	30.0
Caprolactam	Lin2		0.0649	0.0100	4630	5000	-7.4	30.0
4-Chloro-3-methylphenol	Ave	0.2830	0.2757		4870	5000	-2.6	30.0
2-Methylnaphthalene	Ave	0.6717	0.6563	0.4000	4890	5000	-2.3	30.0
1-Methylnaphthalene	Ave	0.6260	0.6142	0.0100	4910	5000	-1.9	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7419	0.7521	0.0100	5070	5000	1.4	30.0
Hexachlorocyclopentadiene	Ave	0.5464	0.4911	0.0500	4490	5000	-10.1	30.0
2-tertbutyl-4-methylphenol	Ave	0.3782	0.3731	0.0100	4930	5000	-1.3	30.0
2,4,6-Trichlorophenol	Ave	0.4372	0.4438	0.2000	5080	5000	1.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-708259/11 Calibration Date: 07/14/2020 18:22

Instrument ID: CBNAMS17 Calib Start Date: 07/14/2020 15:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/14/2020 18:01

Lab File ID: M134225.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4772	0.4611	0.2000	4830	5000	-3.4	30.0
1,1'-Biphenyl	Ave	1.672	1.666	0.0100	4980	5000	-0.4	30.0
2-Chloronaphthalene	Ave	1.362	1.333	0.8000	4890	5000	-2.1	30.0
Phenyl ether	Ave	0.8831	0.8395	0.0100	4750	5000	-4.9	30.0
2-Nitroaniline	Ave	0.4124	0.4069	0.0100	4930	5000	-1.3	30.0
1,3-Dimethylnaphthalene	Ave	0.9391	0.9837	0.0100	5240	5000	4.8	30.0
Coumarin	Ave	0.2056	0.1950	0.0100	4740	5000	-5.2	30.0
Dimethyl phthalate	Ave	1.357	1.339	0.0100	4930	5000	-1.3	30.0
2,6-Dinitrotoluene	Ave	0.2951	0.2887	0.2000	4890	5000	-2.2	30.0
Acenaphthylene	Ave	1.915	1.876	0.9000	4900	5000	-2.1	30.0
3-Nitroaniline	Ave	0.3291	0.3153	0.0100	4790	5000	-4.2	30.0
Acenaphthene	Ave	1.153	1.127	0.9000	4890	5000	-2.3	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.031	0.9894	0.0100	4800	5000	-4.0	30.0
2,4-Dinitrophenol	Lin2		0.1413	0.0100	8430	10000	-15.7	30.0
Dibenzofuran	Ave	1.745	1.728	0.8000	4950	5000	-1.0	30.0
4-Nitrophenol	Ave	0.2656	0.2470	0.0100	9300	10000	-7.0	30.0
2,4-Dinitrotoluene	Ave	0.3560	0.3554	0.2000	4990	5000	-0.2	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3369	0.3128	0.0100	4640	5000	-7.2	30.0
Diethyl phthalate	Ave	1.351	1.276	0.0100	4720	5000	-5.6	30.0
Fluorene	Ave	1.277	1.216	0.9000	4760	5000	-4.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6415	0.6190	0.4000	4820	5000	-3.5	30.0
4-Nitroaniline	Ave	0.2953	0.2781	0.0100	4710	5000	-5.8	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1276	0.1209	0.0100	9480	10000	-5.2	30.0
N-Nitrosodiphenylamine	Ave	0.5876	0.6095	0.0100	5190	5000	3.7	30.0
1,2-Diphenylhydrazine	Ave	0.995	1.071	0.0100	5380	5000	7.6	30.0
4-Bromophenyl phenyl ether	Ave	0.2331	0.2360	0.1000	5060	5000	1.2	30.0
Hexachlorobenzene	Ave	0.2755	0.2772	0.1000	5030	5000	0.6	30.0
Atrazine	Ave	0.1957	0.2016	0.0100	5150	5000	3.0	30.0
Pentachlorophenol	Ave	0.1361	0.1215	0.0500	8930	10000	-10.7	30.0
Pentachloronitrobenzene	Ave	0.1197	0.1170	0.0100	4880	5000	-2.3	30.0
n-Octadecane	Ave	0.6677	0.6962	0.0100	5210	5000	4.3	30.0
Phenanthrene	Ave	1.142	1.145	0.7000	5010	5000	0.2	30.0
Anthracene	Ave	1.161	1.179	0.7000	5080	5000	1.6	30.0
Carbazole	Ave	1.000	0.9708	0.0100	4850	5000	-3.0	30.0
Di-n-butyl phthalate	Ave	1.307	1.249	0.0100	4780	5000	-4.5	30.0
Fluoranthene	Ave	1.101	1.075	0.6000	4880	5000	-2.4	30.0
Benzidine	Ave	0.5804	0.4467		3850	5000	-23.0	30.0
Pyrene	Ave	1.581	1.654	0.6000	5230	5000	4.6	30.0
Bisphenol-A	Ave	0.6814	0.6159		4520	5000	-9.6	30.0
Butyl benzyl phthalate	Ave	0.6982	0.7209	0.0100	5160	5000	3.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-708259/11 Calibration Date: 07/14/2020 18:22

Instrument ID: CBNAMS17 Calib Start Date: 07/14/2020 15:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/14/2020 18:01

Lab File ID: M134225.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5556	0.5333	0.0100	4800	5000	-4.0	30.0
Benzo[a]anthracene	Ave	1.352	1.373	0.8000	5080	5000	1.5	30.0
3,3'-Dichlorobenzidine	Ave	0.4981	0.4989	0.0100	5010	5000	0.2	30.0
Chrysene	Ave	1.356	1.345	0.7000	4960	5000	-0.8	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9704	1.032	0.0100	5320	5000	6.3	30.0
Di-n-octyl phthalate	Ave	1.535	1.490	0.0100	4850	5000	-2.9	30.0
Benzo[b]fluoranthene	Ave	1.104	1.111	0.7000	5030	5000	0.6	30.0
Benzo[k]fluoranthene	Ave	1.207	1.228	0.7000	5090	5000	1.7	30.0
Benzo[a]pyrene	Ave	0.9871	1.136	0.7000	5750	5000	15.1	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.118	1.117	0.5000	4990	5000	-0.1	30.0
Dibenz(a,h)anthracene	Ave	1.116	1.140	0.4000	5110	5000	2.2	30.0
Benzo[g,h,i]perylene	Ave	1.332	1.271	0.5000	4770	5000	-4.6	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134225.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-Jul-2020 18:22:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-011
Operator ID: Instrument ID: CBNAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:48:15 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 15-Jul-2020 07:48:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.207	1.206	0.001	97	41954	5.00	4.60	
2 N-Nitrosodimethylamine	74	1.382	1.382	0.000	78	70262	5.00	5.12	
3 Pyridine	79	1.405	1.404	0.001	86	187393	10.0	8.21	
5 Benzaldehyde	77	3.131	3.125	0.006	95	86489	5.00	4.08	E
8 Aniline	93	3.246	3.243	0.003	99	194346	5.00	4.87	
7 Phenol	94	3.268	3.265	0.003	98	166907	5.00	5.18	
9 Bis(2-chloroethyl)ether	93	3.316	3.313	0.003	93	120400	5.00	4.89	
10 Benzonitrile	103	3.319	3.316	0.003	99	242396	NC	NC	
11 2-Chlorophenol	128	3.370	3.364	0.006	92	125436	5.00	4.97	
12 n-Decane	43	3.434	3.431	0.003	95	172657	5.00	5.02	
13 1,3-Dichlorobenzene	146	3.514	3.508	0.006	95	145960	5.00	4.86	
* 14 1,4-Dichlorobenzene-d4	152	3.568	3.565	0.003	98	144869	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.588	3.581	0.007	94	146173	5.00	4.90	
16 Benzyl alcohol	108	3.728	3.725	0.003	89	75695	5.00	5.08	
17 1,2-Dichlorobenzene	146	3.738	3.735	0.003	97	139451	5.00	4.95	
19 2,2'-oxybis[1-chloropropane]	45	3.862	3.859	0.003	91	231037	5.00	5.07	
18 2-Methylphenol	108	3.869	3.866	0.003	92	110283	5.00	5.04	
20 N-Methylaniline	106	3.974	3.971	0.003	94	180172	5.00	4.79	
21 Acetophenone	105	3.980	3.977	0.003	93	175057	5.00	4.95	
22 N-Nitrosodi-n-propylamine	70	3.993	3.990	0.003	92	93165	5.00	5.13	
23 3 & 4 Methylphenol	108	4.028	4.025	0.003	64	114158	5.00	5.01	
24 4-Methylphenol	108	4.028	4.025	0.003	93	113109	5.00	4.97	
25 Hexachloroethane	117	4.067	4.064	0.003	94	59673	5.00	4.94	
28 Nitrobenzene	123	4.143	4.140	0.003	90	55220	5.00	4.97	
29 n,n'-Dimethylaniline	120	4.150	4.147	0.003	93	174382	5.00	4.92	
30 Isophorone	82	4.383	4.380	0.003	99	227960	5.00	5.07	
32 2-Nitrophenol	139	4.459	4.460	-0.001	85	62747	5.00	5.01	
33 2,4-Dimethylphenol	122	4.543	4.543	0.000	88	94930	5.00	4.88	
34 Bis(2-chloroethoxy)methane	93	4.619	4.616	0.003	96	147191	5.00	5.05	
35 Benzoic acid	122	4.654	4.648	0.006	90	49484	5.00	4.46	
36 2,4-Dichlorophenol	162	4.712	4.712	0.000	94	100578	5.00	4.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	4.776	4.773	0.003	94	113101	5.00	4.95	
* 38 Naphthalene-d8	136	4.820	4.821	-0.001	100	505817	8.00	8.00	
39 Naphthalene	128	4.843	4.840	0.003	98	321963	5.00	4.89	
40 4-Chloroaniline	127	4.919	4.916	0.003	96	134535	5.00	4.96	
130 2,6-Dichlorophenol	162	4.926	4.923	0.003	95	97439	NC	NC	
41 Hexachlorobutadiene	225	4.983	4.983	0.000	95	67949	5.00	5.04	
42 Caprolactam	113	5.236	5.229	0.007	86	20519	5.00	4.63	
43 4-Chloro-3-methylphenol	107	5.430	5.430	0.000	97	87145	5.00	4.87	
44 2-Methylnaphthalene	142	5.517	5.517	0.000	83	207479	5.00	4.89	
45 1-Methylnaphthalene	142	5.609	5.609	0.000	92	194178	5.00	4.91	
46 Hexachlorocyclopentadiene	237	5.683	5.679	0.004	96	69401	5.00	4.49	
47 1,2,4,5-Tetrachlorobenzene	216	5.683	5.683	0.000	96	106297	5.00	5.07	
48 2-tertbutyl-4-methylphenol	149	5.759	5.759	0.000	87	117941	5.00	4.93	
49 2,4,6-Trichlorophenol	196	5.811	5.807	0.003	87	62718	5.00	5.08	
50 2,4,5-Trichlorophenol	196	5.849	5.849	0.000	95	65163	5.00	4.83	
52 1,1'-Biphenyl	154	5.970	5.970	0.000	98	235453	5.00	4.98	
53 2-Chloronaphthalene	162	5.977	5.977	0.000	96	188342	5.00	4.89	
54 Phenyl ether	170	6.076	6.076	0.000	89	118636	5.00	4.75	
55 2-Nitroaniline	65	6.095	6.095	0.000	96	57508	5.00	4.93	
57 1,3-Dimethylnaphthalene	156	6.194	6.194	0.000	89	139026	5.00	5.24	
60 Coumarin	146	6.280	6.277	0.003	81	61655	5.00	4.74	
59 Dimethyl phthalate	163	6.287	6.283	0.004	97	189167	5.00	4.93	
61 2,6-Dinitrotoluene	165	6.331	6.331	0.000	92	40805	5.00	4.89	
62 Acenaphthylene	152	6.366	6.366	0.000	97	265057	5.00	4.90	
63 3-Nitroaniline	138	6.488	6.488	0.000	92	44564	5.00	4.79	
* 64 Acenaphthene-d10	164	6.504	6.504	0.000	97	226119	8.00	8.00	
66 Acenaphthene	154	6.536	6.533	0.003	97	159249	5.00	4.89	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.565	6.561	0.004	98	139830	5.00	4.80	
67 2,4-Dinitrophenol	184	6.587	6.587	0.000	88	39945	10.0	8.43	
70 Dibenzofuran	168	6.699	6.699	0.000	96	244192	5.00	4.95	
68 4-Nitrophenol	65	6.705	6.705	0.000	81	69826	10.0	9.30	
69 2,4-Dinitrotoluene	165	6.712	6.712	0.000	90	50224	5.00	4.99	
72 2,3,4,6-Tetrachlorophenol	232	6.836	6.836	0.000	91	44200	5.00	4.64	
73 Diethyl phthalate	149	6.958	6.958	0.000	97	180376	5.00	4.72	
75 Fluorene	166	7.021	7.021	0.000	92	171910	5.00	4.76	
74 4-Chlorophenyl phenyl ether	204	7.037	7.037	0.000	86	87476	5.00	4.82	
76 4-Nitroaniline	138	7.066	7.063	0.003	93	39303	5.00	4.71	
77 4,6-Dinitro-2-methylphenol	198	7.095	7.095	0.000	79	47999	10.0	9.48	
78 N-Nitrosodiphenylamine	169	7.156	7.156	0.000	56	121004	5.00	5.19	
79 1,2-Diphenylhydrazine	77	7.185	7.185	0.000	97	212605	5.00	5.38	
81 4-Bromophenyl phenyl ether	248	7.494	7.494	0.000	83	46861	5.00	5.06	
82 Hexachlorobenzene	284	7.545	7.545	0.000	98	55031	5.00	5.03	
83 Atrazine	200	7.679	7.680	-0.001	87	40029	5.00	5.15	
84 Pentachlorophenol	266	7.743	7.743	0.000	92	48238	10.0	8.93	
85 Pentachloronitrobenzene	237	7.750	7.750	0.000	86	23218	5.00	4.88	
86 n-Octadecane	57	7.868	7.865	0.003	95	138217	5.00	5.21	
* 87 Phenanthrene-d10	188	7.897	7.897	0.000	99	317638	8.00	8.00	
88 Phenanthrene	178	7.919	7.919	0.000	98	227247	5.00	5.01	
89 Anthracene	178	7.964	7.964	0.000	98	234130	5.00	5.08	
90 Carbazole	167	8.133	8.136	-0.003	96	192729	5.00	4.85	
91 Di-n-butyl phthalate	149	8.500	8.504	-0.004	99	247980	5.00	4.78	
92 Fluoranthene	202	9.033	9.033	0.000	97	213330	5.00	4.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.187	9.187	0.000	99	88673	5.00	3.85	
94 Pyrene	202	9.238	9.241	-0.003	96	220002	5.00	5.23	
95 Bisphenol-A	213	9.346	9.346	0.000	97	81941	5.00	4.52	
97 Butyl benzyl phthalate	149	9.905	9.905	0.000	97	95909	5.00	5.16	
99 Carbamazepine	193	9.979	9.979	0.000	91	70948	5.00	4.80	
101 Benzo[a]anthracene	228	10.381	10.384	-0.003	100	182667	5.00	5.08	
100 3,3'-Dichlorobenzidine	252	10.384	10.388	-0.004	98	66382	5.00	5.01	
* 102 Chrysene-d12	240	10.394	10.391	0.003	98	212872	8.00	8.00	
104 Chrysene	228	10.416	10.416	0.000	97	179009	5.00	4.96	
103 Bis(2-ethylhexyl) phthalate	149	10.490	10.493	-0.003	87	137289	5.00	5.32	
105 Di-n-octyl phthalate	149	11.218	11.218	0.000	97	225916	5.00	4.85	
106 Benzo[b]fluoranthene	252	11.578	11.579	-0.001	98	168413	5.00	5.03	
107 Benzo[k]fluoranthene	252	11.610	11.611	-0.001	99	186113	5.00	5.09	
108 Benzo[a]pyrene	252	11.971	11.972	-0.001	97	172175	5.00	5.75	
* 109 Perylene-d12	264	12.045	12.045	0.000	98	242561	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.418	13.416	0.002	97	169300	5.00	4.99	
111 Dibenz(a,h)anthracene	278	13.456	13.454	0.002	96	172834	5.00	5.11	
112 Benzo[g,h,i]perylene	276	13.754	13.751	0.003	95	192646	5.00	4.77	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SV_ICV_ LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 15-Jul-2020 07:48:16 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134225.D

Injection Date: 14-Jul-2020 18:22:30 Instrument ID: CBNAMS17 Operator ID:

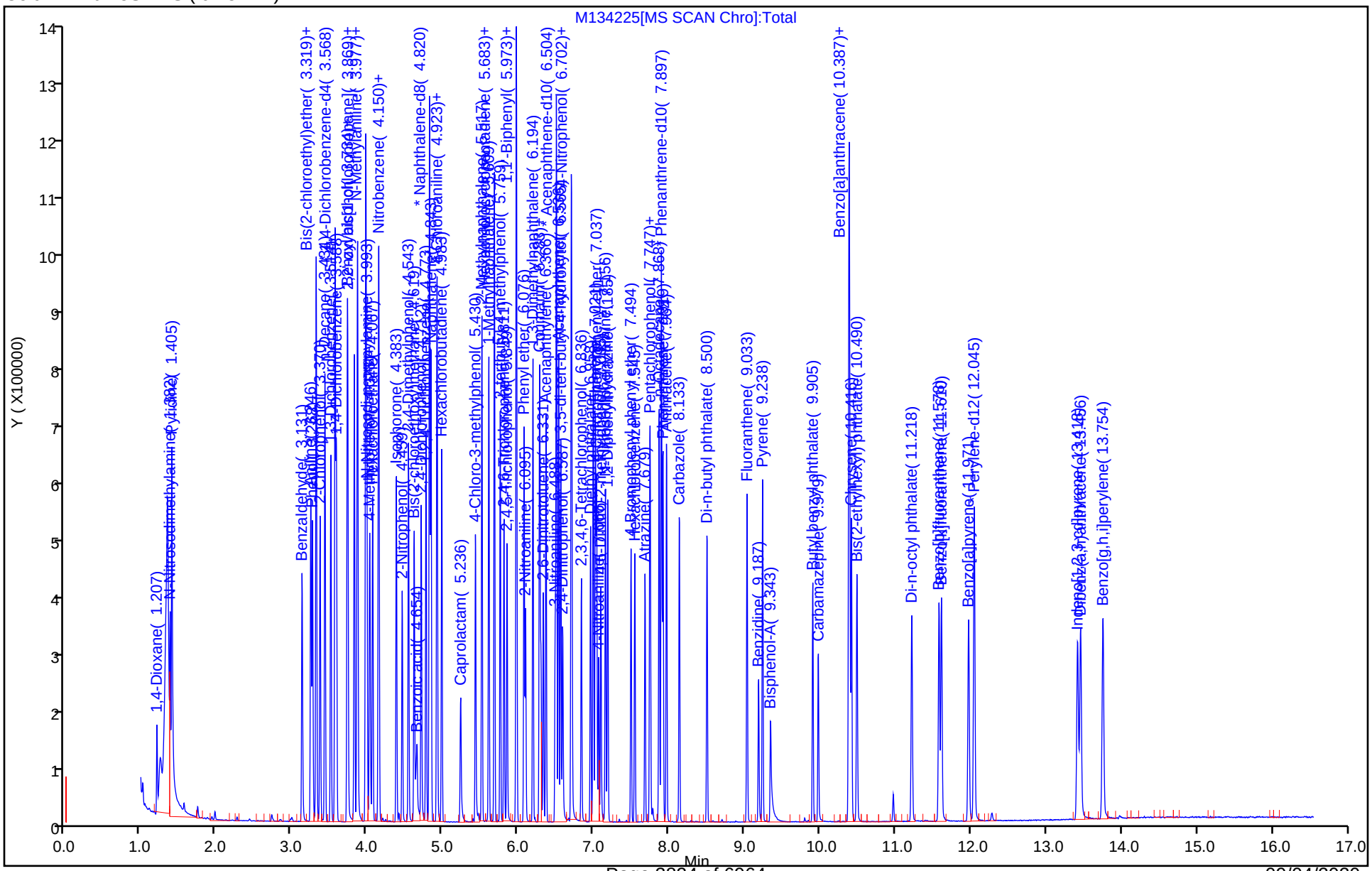
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720701/2 Calibration Date: 08/30/2020 20:33

Instrument ID: CBNAMS17 Calib Start Date: 07/14/2020 15:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/14/2020 18:01

Lab File ID: M135665.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5032	0.5246	0.0100	10400	10000	4.2	20.0
N-Nitrosodimethylamine	Ave	0.7574	0.8267		10900	10000	9.2	20.0
Pyridine	Ave	1.261	1.386		22000	20000	10.0	20.0
Benzaldehyde	Ave	1.172	0.5954	0.0100	2030	4000	-49.2*	20.0
Aniline	Ave	2.204	2.001		9080	10000	-9.2	20.0
Phenol	Ave	1.779	1.773	0.8000	9960	10000	-0.4	20.0
Bis(2-chloroethyl)ether	Ave	1.361	1.357	0.7000	9970	10000	-0.3	20.0
2-Chlorophenol	Ave	1.395	1.386	0.8000	9940	10000	-0.6	20.0
n-Decane	Ave	1.899	1.658	0.0100	8730	10000	-12.7	20.0
1,3-Dichlorobenzene	Ave	1.660	1.618		9750	10000	-2.5	20.0
1,4-Dichlorobenzene	Ave	1.647	1.622		9850	10000	-1.5	20.0
1,2-Dichlorobenzene	Ave	1.557	1.560		10000	10000	0.2	20.0
Benzyl alcohol	Ave	0.8225	0.7354	0.0100	8940	10000	-10.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.516	2.235	0.0100	8890	10000	-11.1	20.0
2-Methylphenol	Ave	1.209	1.192	0.7000	9860	10000	-1.4	20.0
N-Methylaniline	Ave	2.079	2.136		10300	10000	2.7	20.0
Acetophenone	Ave	1.954	1.909	0.0100	9770	10000	-2.3	20.0
N-Nitrosodi-n-propylamine	Ave	1.002	1.000	0.5000	9980	10000	-0.2	20.0
Hexachloroethane	Ave	0.6677	0.6833	0.3000	10200	10000	2.3	20.0
3 & 4 Methylphenol	Ave	1.258	1.289		10200	10000	2.5	20.0
4-Methylphenol	Ave	1.256	1.286	0.6000	10200	10000	2.4	20.0
Nitrobenzene	Ave	0.6138	0.6631	0.2000	10800	10000	8.0	20.0
n,n'-Dimethylaniline	Ave	1.956	2.010	0.0100	10300	10000	2.7	20.0
Isophorone	Ave	0.7108	0.6870	0.4000	9660	10000	-3.4	20.0
2-Nitrophenol	Ave	0.1980	0.1916	0.1000	9680	10000	-3.2	20.0
2,4-Dimethylphenol	Ave	0.3074	0.3070	0.2000	9990	10000	-0.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4614	0.4381	0.3000	9500	10000	-5.0	20.0
Benzoic acid	Lin2		0.1533		8250	10000	-17.5	20.0
2,4-Dichlorophenol	Ave	0.3198	0.3234	0.2000	10100	10000	1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3614	0.3694		10200	10000	2.2	20.0
Naphthalene	Ave	1.042	1.054	0.7000	10100	10000	1.2	20.0
4-Chloroaniline	Ave	0.4292	0.4343	0.0100	10100	10000	1.2	20.0
Hexachlorobutadiene	Ave	0.2133	0.2039	0.0100	9560	10000	-4.4	20.0
Caprolactam	Lin2		0.0651	0.0100	3730	4000	-6.7	20.0
4-Chloro-3-methylphenol	Ave	0.2830	0.2825		9980	10000	-0.2	20.0
2-Methylnaphthalene	Ave	0.6717	0.7034	0.4000	10500	10000	4.7	20.0
1-Methylnaphthalene	Ave	0.6260	0.6527	0.0100	10400	10000	4.3	20.0
Hexachlorocyclopentadiene	Ave	0.5464	0.5053	0.0500	9250	10000	-7.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7419	0.7146	0.0100	9630	10000	-3.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.3782	0.3887	0.0100	10300	10000	2.8	20.0
2,4,6-Trichlorophenol	Ave	0.4372	0.4418	0.2000	10100	10000	1.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720701/2 Calibration Date: 08/30/2020 20:33

Instrument ID: CBNAMS17 Calib Start Date: 07/14/2020 15:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/14/2020 18:01

Lab File ID: M135665.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4772	0.4478	0.2000	9390	10000	-6.1	20.0
1,1'-Biphenyl	Ave	1.672	1.676	0.0100	10000	10000	0.2	20.0
2-Chloronaphthalene	Ave	1.362	1.328	0.8000	9750	10000	-2.5	20.0
Phenyl ether	Ave	0.8831	0.8744	0.0100	9900	10000	-1.0	20.0
2-Nitroaniline	Ave	0.4124	0.4035	0.0100	9780	10000	-2.2	20.0
1,3-Dimethylnaphthalene	Ave	0.9391	0.9436	0.0100	10000	10000	0.5	20.0
Coumarin	Ave	0.2056	0.2129	0.0100	10400	10000	3.6	20.0
Dimethyl phthalate	Ave	1.357	1.390	0.0100	10200	10000	2.4	20.0
2,6-Dinitrotoluene	Ave	0.2951	0.3018	0.2000	10200	10000	2.3	20.0
Acenaphthylene	Ave	1.915	1.965	0.9000	10300	10000	2.6	20.0
3-Nitroaniline	Ave	0.3291	0.3245	0.0100	9860	10000	-1.4	20.0
Acenaphthene	Ave	1.153	1.162	0.9000	10100	10000	0.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.031	0.9756	0.0100	9470	10000	-5.3	20.0
2,4-Dinitrophenol	Lin2		0.1636	0.0100	18300	20000	-8.3	20.0
Dibenzofuran	Ave	1.745	1.779	0.8000	10200	10000	2.0	20.0
2,4-Dinitrotoluene	Ave	0.3560	0.3760	0.2000	10600	10000	5.6	20.0
4-Nitrophenol	Ave	0.2656	0.2168	0.0100	16300	20000	-18.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3369	0.3228	0.0100	9580	10000	-4.2	20.0
Diethyl phthalate	Ave	1.351	1.333	0.0100	9870	10000	-1.3	20.0
Fluorene	Ave	1.277	1.337	0.9000	10500	10000	4.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.6415	0.6200	0.4000	9660	10000	-3.4	20.0
4-Nitroaniline	Ave	0.2953	0.2921	0.0100	9890	10000	-1.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1276	0.1214	0.0100	19000	20000	-4.9	20.0
N-Nitrosodiphenylamine	Ave	0.5876	0.5897	0.0100	10000	10000	0.4	20.0
1,2-Diphenylhydrazine	Ave	0.995	0.9674	0.0100	9720	10000	-2.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2331	0.2417	0.1000	10400	10000	3.7	20.0
Hexachlorobenzene	Ave	0.2755	0.2958	0.1000	10700	10000	7.4	20.0
Atrazine	Ave	0.1957	0.1845	0.0100	3770	4000	-5.7	20.0
Pentachloronitrobenzene	Ave	0.1197	0.1094	0.0100	9140	10000	-8.6	20.0
Pentachlorophenol	Ave	0.1361	0.1406	0.0500	20700	20000	3.3	20.0
n-Octadecane	Ave	0.6677	0.7055	0.0100	10600	10000	5.7	20.0
Phenanthrene	Ave	1.142	1.145	0.7000	10000	10000	0.3	20.0
Anthracene	Ave	1.161	1.158	0.7000	9970	10000	-0.3	20.0
Carbazole	Ave	1.000	0.999	0.0100	9990	10000	-0.1	20.0
Di-n-butyl phthalate	Ave	1.307	1.250	0.0100	9560	10000	-4.4	20.0
Fluoranthene	Ave	1.101	1.058	0.6000	9610	10000	-3.9	20.0
Benzidine	Ave	0.5804	0.3949		6800	10000	-32.0*	20.0
Pyrene	Ave	1.581	1.650	0.6000	10400	10000	4.4	20.0
Bisphenol-A	Ave	0.6814	0.5487		8050	10000	-19.5	20.0
Butyl benzyl phthalate	Ave	0.6982	0.6605	0.0100	9460	10000	-5.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720701/2 Calibration Date: 08/30/2020 20:33

Instrument ID: CBNAMS17 Calib Start Date: 07/14/2020 15:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/14/2020 18:01

Lab File ID: M135665.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.1500	0.1418	0.0100	94.6	100	-5.4	20.0
Carbamazepine	Ave	0.5556	0.4931	0.0100	8880	10000	-11.2	20.0
Benzo[a]anthracene	Ave	1.352	1.269	0.8000	9380	10000	-6.2	20.0
3,3'-Dichlorobenzidine	Ave	0.4981	0.4967	0.0100	9970	10000	-0.3	20.0
Chrysene	Ave	1.356	1.265	0.7000	9330	10000	-6.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9704	0.9272	0.0100	9550	10000	-4.5	20.0
Di-n-octyl phthalate	Ave	1.535	1.404	0.0100	9140	10000	-8.6	20.0
Benzo[b]fluoranthene	Ave	1.104	1.166	0.7000	10600	10000	5.6	20.0
Benzo[k]fluoranthene	Ave	1.207	1.247	0.7000	10300	10000	3.3	20.0
Benzo[a]pyrene	Ave	0.9871	1.037	0.7000	10500	10000	5.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.118	1.146	0.5000	10200	10000	2.5	20.0
Dibenz(a,h)anthracene	Ave	1.116	1.154	0.4000	10300	10000	3.4	20.0
Benzo[g,h,i]perylene	Ave	1.332	1.260	0.5000	9460	10000	-5.4	20.0
2-Fluorophenol (Surr)	Ave	1.223	1.289		10500	10000	5.4	20.0
Phenol-d5 (Surr)	Ave	1.658	1.692		10200	10000	2.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4292	0.4144		9650	10000	-3.5	20.0
2-Fluorobiphenyl	Ave	1.583	1.556		9830	10000	-1.7	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1978	0.2416		12200	10000	22.1*	20.0
Terphenyl-d14 (Surr)	Ave	1.002	1.040		10400	10000	3.7	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135665.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Aug-2020 20:33:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:40:38 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: hamziy Date: 30-Aug-2020 20:54:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.024	1.024	0.000	98	107691	10.0	10.4	
2 N-Nitrosodimethylamine	74	1.180	1.180	0.000	86	169708	10.0	10.9	
3 Pyridine	79	1.196	1.196	0.000	87	569184	20.0	22.0	
$ 4 2-Fluorophenol	112	2.118	2.118	0.000	93	264611	10.0	10.5	
5 Benzaldehyde	77	2.827	2.827	0.000	92	48887	4.00	2.03	
8 Aniline	93	2.942	2.942	0.000	99	410861	10.0	9.08	
$ 6 Phenol-d5	99	2.987	2.987	0.000	98	347274	10.0	10.2	
7 Phenol	94	2.999	2.999	0.000	98	364003	10.0	9.96	
10 Benzonitrile	103	3.009	3.009	0.000	99	534702	NC	NC	
9 Bis(2-chloroethyl)ether	93	3.012	3.012	0.000	87	278606	10.0	9.97	
11 2-Chlorophenol	128	3.066	3.066	0.000	93	284533	10.0	9.94	
12 n-Decane	43	3.124	3.124	0.000	92	340333	10.0	8.73	
13 1,3-Dichlorobenzene	146	3.194	3.194	0.000	95	332077	10.0	9.75	
* 14 1,4-Dichlorobenzene-d4	152	3.255	3.255	0.000	97	164224	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.274	3.274	0.000	94	332983	10.0	9.85	
17 1,2-Dichlorobenzene	146	3.427	3.427	0.000	96	320318	10.0	10.0	
16 Benzyl alcohol	108	3.440	3.440	0.000	91	150961	10.0	8.94	
19 2,2'-oxybis[1-chloropropane]	45	3.568	3.568	0.000	92	458849	10.0	8.89	
18 2-Methylphenol	108	3.603	3.603	0.000	87	244754	10.0	9.86	
20 N-Methylaniline	106	3.683	3.683	0.000	98	438449	10.0	10.3	
21 Acetophenone	105	3.686	3.686	0.000	94	391840	10.0	9.77	
22 N-Nitrosodi-n-propylamine	70	3.705	3.705	0.000	90	205284	10.0	9.98	
25 Hexachloroethane	117	3.763	3.763	0.000	93	140260	10.0	10.2	
23 3 & 4 Methylphenol	108	3.769	3.769	0.000	65	264613	10.0	10.2	
24 4-Methylphenol	108	3.769	3.769	0.000	96	264015	10.0	10.2	
$ 27 Nitrobenzene-d5	82	3.830	3.830	0.000	91	309856	10.0	9.65	
28 Nitrobenzene	123	3.849	3.849	0.000	91	136115	10.0	10.8	
29 n,n'-Dimethylaniline	120	3.859	3.859	0.000	93	412623	10.0	10.3	
30 Isophorone	82	4.095	4.095	0.000	99	513750	10.0	9.66	
32 2-Nitrophenol	139	4.172	4.172	0.000	87	143315	10.0	9.68	
33 2,4-Dimethylphenol	122	4.284	4.284	0.000	90	229555	10.0	9.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.344	4.344	0.000	94	327617	10.0	9.50	
35 Benzoic acid	122	4.437	4.437	0.000	92	114602	10.0	8.25	
36 2,4-Dichlorophenol	162	4.443	4.443	0.000	94	241833	10.0	10.1	
37 1,2,4-Trichlorobenzene	180	4.488	4.488	0.000	94	276265	10.0	10.2	
* 38 Naphthalene-d8	136	4.533	4.533	0.000	99	598240	8.00	8.00	
39 Naphthalene	128	4.552	4.552	0.000	99	788051	10.0	10.1	
40 4-Chloroaniline	127	4.645	4.645	0.000	96	324739	10.0	10.1	
130 2,6-Dichlorophenol	162	4.651	4.651	0.000	97	234566	NC	NC	
41 Hexachlorobutadiene	225	4.699	4.699	0.000	95	152444	10.0	9.56	
42 Caprolactam	113	4.967	4.967	0.000	86	19465	4.00	3.73	
43 4-Chloro-3-methylphenol	107	5.184	5.184	0.000	98	211227	10.0	9.98	
44 2-Methylnaphthalene	142	5.236	5.236	0.000	83	525988	10.0	10.5	
45 1-Methylnaphthalene	142	5.325	5.325	0.000	92	488096	10.0	10.4	
46 Hexachlorocyclopentadiene	237	5.399	5.399	0.000	97	181536	10.0	9.25	
47 1,2,4,5-Tetrachlorobenzene	216	5.402	5.402	0.000	96	256722	10.0	9.63	
48 2-tertbutyl-4-methylphenol	149	5.504	5.504	0.000	88	290642	10.0	10.3	
49 2,4,6-Trichlorophenol	196	5.543	5.543	0.000	89	158734	10.0	10.1	
50 2,4,5-Trichlorophenol	196	5.590	5.590	0.000	96	160898	10.0	9.39	
$ 51 2-Fluorobiphenyl	172	5.607	5.607	0.000	97	559096	10.0	9.83	
52 1,1'-Biphenyl	154	5.693	5.693	0.000	96	602318	10.0	10.0	
53 2-Chloronaphthalene	162	5.696	5.696	0.000	95	477106	10.0	9.75	
54 Phenyl ether	170	5.802	5.802	0.000	89	314148	10.0	9.90	
55 2-Nitroaniline	65	5.827	5.827	0.000	97	144948	10.0	9.78	
57 1,3-Dimethylnaphthalene	156	5.913	5.913	0.000	90	339021	10.0	10.0	
60 Coumarin	146	6.003	6.003	0.000	79	159228	10.0	10.4	
59 Dimethyl phthalate	163	6.022	6.022	0.000	98	499268	10.0	10.2	
61 2,6-Dinitrotoluene	165	6.067	6.067	0.000	95	108425	10.0	10.2	
62 Acenaphthylene	152	6.083	6.083	0.000	97	705843	10.0	10.3	
* 64 Acenaphthene-d10	164	6.223	6.223	0.000	96	287417	8.00	8.00	
63 3-Nitroaniline	138	6.223	6.223	0.000	91	116583	10.0	9.86	
66 Acenaphthene	154	6.252	6.252	0.000	97	417344	10.0	10.1	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.297	6.297	0.000	98	350514	10.0	9.47	
67 2,4-Dinitrophenol	184	6.323	6.323	0.000	92	117561	20.0	18.3	
70 Dibenzofuran	168	6.419	6.419	0.000	96	639031	10.0	10.2	
69 2,4-Dinitrotoluene	165	6.444	6.444	0.000	93	135103	10.0	10.6	
68 4-Nitrophenol	65	6.479	6.479	0.000	93	155804	20.0	16.3	
72 2,3,4,6-Tetrachlorophenol	232	6.566	6.566	0.000	93	115976	10.0	9.58	
73 Diethyl phthalate	149	6.697	6.697	0.000	97	478976	10.0	9.87	
75 Fluorene	166	6.742	6.742	0.000	93	480415	10.0	10.5	
74 4-Chlorophenyl phenyl ether	204	6.764	6.764	0.000	86	222748	10.0	9.66	
76 4-Nitroaniline	138	6.806	6.806	0.000	93	104931	10.0	9.89	
77 4,6-Dinitro-2-methylphenol	198	6.828	6.828	0.000	80	134570	20.0	19.0	
78 N-Nitrosodiphenylamine	169	6.886	6.886	0.000	56	326991	10.0	10.0	
79 1,2-Diphenylhydrazine	77	6.911	6.911	0.000	98	536368	10.0	9.72	
$ 80 2,4,6-Tribromophenol	330	6.975	6.975	0.000	94	86782	10.0	12.2	
81 4-Bromophenyl phenyl ether	248	7.218	7.218	0.000	88	134021	10.0	10.4	
82 Hexachlorobenzene	284	7.259	7.259	0.000	98	164001	10.0	10.7	
83 Atrazine	200	7.416	7.416	0.000	88	40924	4.00	3.77	
85 Pentachloronitrobenzene	237	7.470	7.470	0.000	86	60663	10.0	9.14	
84 Pentachlorophenol	266	7.470	7.470	0.000	91	155934	20.0	20.7	
86 n-Octadecane	57	7.602	7.602	0.000	92	391190	10.0	10.6	
* 87 Phenanthrene-d10	188	7.611	7.611	0.000	99	443573	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.634	7.634	0.000	98	634995	10.0	10.0	
89 Anthracene	178	7.682	7.682	0.000	97	641826	10.0	9.97	
90 Carbazole	167	7.861	7.861	0.000	96	553906	10.0	9.99	
91 Di-n-butyl phthalate	149	8.237	8.237	0.000	99	693131	10.0	9.56	
92 Fluoranthene	202	8.745	8.745	0.000	97	586572	10.0	9.61	
93 Benzidine	184	8.911	8.911	0.000	99	218963	10.0	6.80	
94 Pyrene	202	8.946	8.946	0.000	96	602671	10.0	10.4	
95 Bisphenol-A	213	9.087	9.087	0.000	97	200384	10.0	8.05	M
$ 96 Terphenyl-d14	244	9.138	9.138	0.000	99	379639	10.0	10.4	
97 Butyl benzyl phthalate	149	9.633	9.633	0.000	96	241207	10.0	9.46	
98 2,3,7,8-TCDD	320	9.678	9.678	0.000	83	518	0.1000	0.0946	
99 Carbamazepine	193	9.697	9.697	0.000	92	180092	10.0	8.88	
101 Benzo[a]anthracene	228	10.081	10.081	0.000	100	463497	10.0	9.38	
* 102 Chrysene-d12	240	10.087	10.087	0.000	98	292160	8.00	8.00	
100 3,3'-Dichlorobenzidine	252	10.093	10.093	0.000	99	181377	10.0	9.97	
104 Chrysene	228	10.109	10.109	0.000	97	462079	10.0	9.33	
103 Bis(2-ethylhexyl) phthalate	149	10.202	10.202	0.000	84	338605	10.0	9.55	
105 Di-n-octyl phthalate	149	10.870	10.870	0.000	96	544075	10.0	9.14	
106 Benzo[b]fluoranthene	252	11.180	11.180	0.000	97	451958	10.0	10.6	
107 Benzo[k]fluoranthene	252	11.212	11.212	0.000	98	483475	10.0	10.3	
108 Benzo[a]pyrene	252	11.544	11.544	0.000	95	402018	10.0	10.5	
* 109 Perylene-d12	264	11.611	11.611	0.000	97	310102	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	12.908	12.908	0.000	97	444184	10.0	10.2	
111 Dibenz(a,h)anthracene	278	12.950	12.950	0.000	97	447406	10.0	10.3	
112 Benzo[g,h,i]perylene	276	13.225	13.225	0.000	96	488337	10.0	9.46	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 31-Aug-2020 08:40:39 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135665.D

Injection Date: 30-Aug-2020 20:33:30 Instrument ID: CBNAMS17 Operator ID:

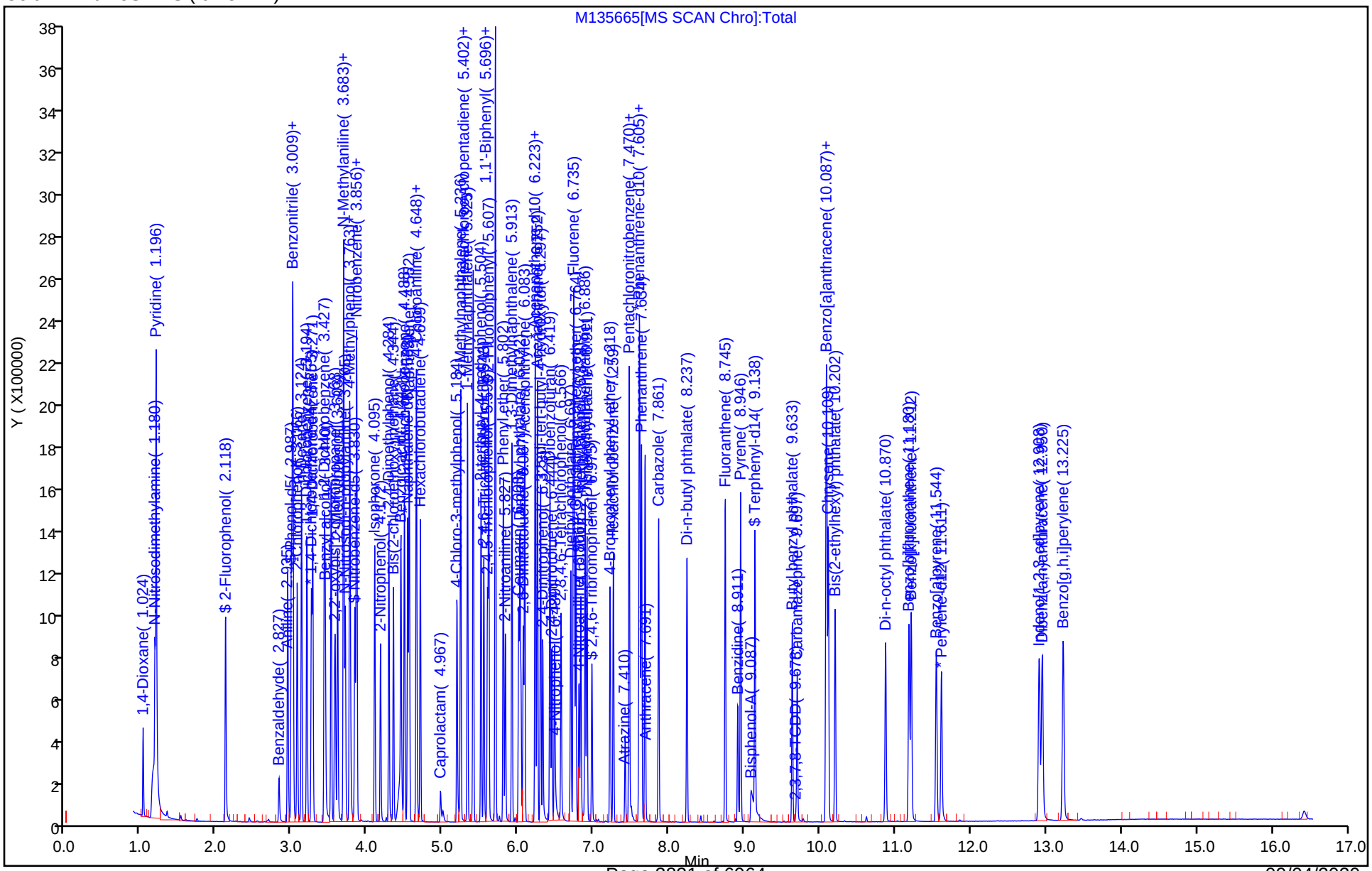
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

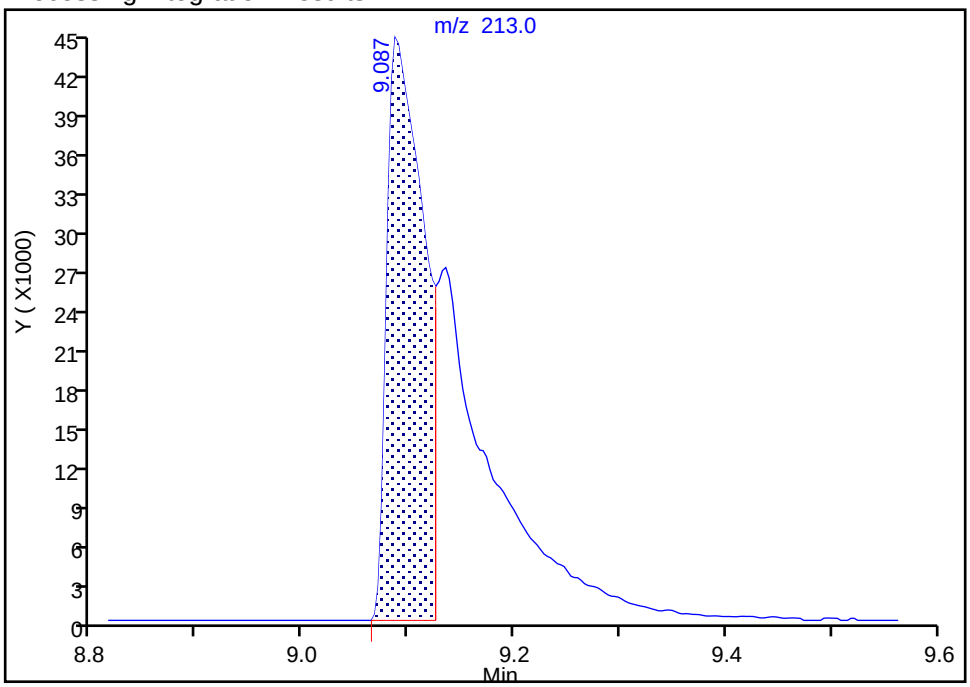
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135665.D
Injection Date: 30-Aug-2020 20:33:30 Instrument ID: CBNAMS17
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Bisphenol-A, CAS: 80-05-7

Signal: 1

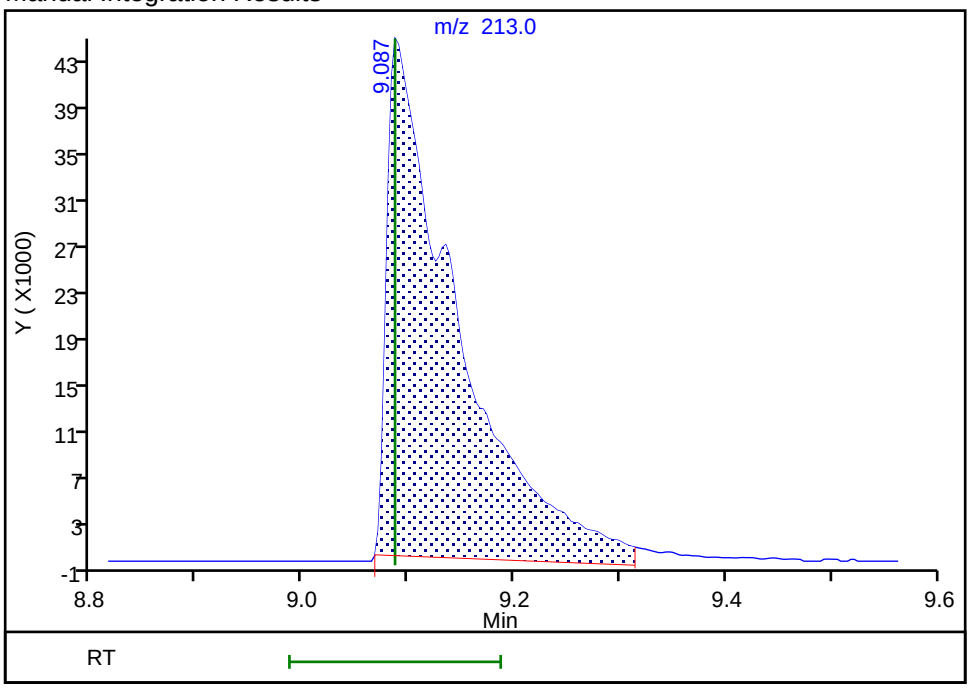
Processing Integration Results

RT: 9.09
Area: 106871
Amount: 4.294330
Amount Units: ug/ml



Manual Integration Results

RT: 9.09
Area: 200384
Amount: 8.051904
Amount Units: ug/ml



Reviewer: hamziy, 30-Aug-2020 20:54:06
Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719436/11 Calibration Date: 08/25/2020 15:46

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28532.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.3725	0.3998	0.0100	26800	25000	7.3	30.0
N-Nitrosodimethylamine	Ave	0.6042	0.6326		26200	25000	4.7	30.0
Pyridine	Ave	1.080	0.9056		41900	50000	-16.2	30.0
Benzaldehyde	Ave	0.9039	0.7100	0.0100	19600	25000	-21.5	30.0
Phenol	Ave	1.550	1.508	0.8000	24300	25000	-2.7	30.0
Aniline	Ave	1.851	1.834		24800	25000	-0.9	30.0
Bis(2-chloroethyl)ether	Ave	1.109	1.106	0.7000	24900	25000	-0.3	30.0
2-Chlorophenol	Ave	1.489	1.481	0.8000	24900	25000	-0.6	30.0
n-Decane	Ave	2.302	2.288	0.0100	24800	25000	-0.6	30.0
1,3-Dichlorobenzene	Ave	1.579	1.570		24900	25000	-0.5	30.0
1,4-Dichlorobenzene	Ave	1.610	1.604		24900	25000	-0.4	30.0
Benzyl alcohol	Ave	0.8526	0.8775	0.0100	25700	25000	2.9	30.0
1,2-Dichlorobenzene	Ave	1.521	1.520		25000	25000	-0.0	30.0
2-Methylphenol	Ave	1.172	1.183	0.7000	25200	25000	0.9	30.0
2,2'-oxybis[1-chloropropane]	Ave	3.066	3.146	0.0100	25700	25000	2.6	30.0
3 & 4 Methylphenol	Ave	1.368	1.382		25300	25000	1.0	30.0
4-Methylphenol	Ave	1.368	1.382	0.6000	25300	25000	1.0	30.0
N-Methylaniline	Ave	2.018	1.884		23300	25000	-6.6	30.0
Acetophenone	Ave	1.877	1.875	0.0100	25000	25000	-0.1	30.0
N-Nitrosodi-n-propylamine	Ave	0.7871	0.8160	0.5000	25900	25000	3.7	30.0
Hexachloroethane	Ave	0.5669	0.5847	0.3000	25800	25000	3.1	30.0
Nitrobenzene	Ave	0.6557	0.6858	0.2000	26100	25000	4.6	30.0
n,n'-Dimethylaniline	Ave	2.094	2.050	0.0100	24500	25000	-2.1	30.0
Isophorone	Ave	0.5218	0.5249	0.4000	25100	25000	0.6	30.0
2-Nitrophenol	Ave	0.1924	0.1943	0.1000	25200	25000	1.0	30.0
2,4-Dimethylphenol	Ave	0.3068	0.3014	0.2000	24600	25000	-1.8	30.0
Benzoic acid	Lin2		0.2145		25100	25000	0.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.3390	0.3368	0.3000	24800	25000	-0.6	30.0
2,4-Dichlorophenol	Ave	0.2843	0.2868	0.2000	25200	25000	0.9	30.0
1,2,4-Trichlorobenzene	Ave	0.3103	0.3152		25400	25000	1.6	30.0
Naphthalene	Ave	1.022	1.017	0.7000	24900	25000	-0.5	30.0
4-Chloroaniline	Ave	0.4412	0.4379	0.0100	24800	25000	-0.7	30.0
Hexachlorobutadiene	Ave	0.1833	0.1854	0.0100	25300	25000	1.2	30.0
Caprolactam	Ave	0.0802	0.0862	0.0100	26900	25000	7.6	30.0
4-Chloro-3-methylphenol	Ave	0.2740	0.2742		25000	25000	0.0	30.0
2-Methylnaphthalene	Ave	0.6963	0.6944	0.4000	24900	25000	-0.3	30.0
1-Methylnaphthalene	Ave	0.6515	0.6396	0.0100	24500	25000	-1.8	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6211	0.6309	0.0100	25400	25000	1.6	30.0
Hexachlorocyclopentadiene	Ave	0.4538	0.3923	0.0500	21600	25000	-13.6	30.0
2-tertbutyl-4-methylphenol	Ave	0.4288	0.4403	0.0100	25700	25000	2.7	30.0
2,4,6-Trichlorophenol	Ave	0.4147	0.4414	0.2000	26600	25000	6.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719436/11 Calibration Date: 08/25/2020 15:46

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28532.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4794	0.4535	0.2000	23600	25000	-5.4	30.0
1,1'-Biphenyl	Ave	1.652	1.664	0.0100	25200	25000	0.7	30.0
2-Chloronaphthalene	Ave	1.263	1.285	0.8000	25400	25000	1.7	30.0
Phenyl ether	Ave	0.8347	0.7979	0.0100	23900	25000	-4.4	30.0
2-Nitroaniline	Ave	0.4392	0.4288	0.0100	24400	25000	-2.4	30.0
1,3-Dimethylnaphthalene	Ave	0.9820	1.015	0.0100	25800	25000	3.4	30.0
Dimethyl phthalate	Ave	1.492	1.462	0.0100	24500	25000	-2.0	30.0
Coumarin	Ave	0.2462	0.2369	0.0100	24100	25000	-3.8	30.0
2,6-Dinitrotoluene	Ave	0.3231	0.3213	0.2000	24900	25000	-0.6	30.0
Acenaphthylene	Ave	1.931	1.901	0.9000	24600	25000	-1.5	30.0
3-Nitroaniline	Ave	0.3852	0.3880	0.0100	25200	25000	0.7	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.106	1.084	0.0100	24500	25000	-2.0	30.0
Acenaphthene	Ave	1.407	1.410	0.9000	25100	25000	0.2	30.0
2,4-Dinitrophenol	Lin2		0.2098	0.0100	46800	50000	-6.3	30.0
4-Nitrophenol	Ave	0.2822	0.2780	0.0100	49300	50000	-1.5	30.0
2,4-Dinitrotoluene	Ave	0.4442	0.4544	0.2000	25600	25000	2.3	30.0
Dibenzofuran	Ave	1.750	1.757	0.8000	25100	25000	0.4	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3847	0.3825	0.0100	24900	25000	-0.6	30.0
Diethyl phthalate	Ave	1.525	1.519	0.0100	24900	25000	-0.4	30.0
4-Chlorophenyl phenyl ether	Ave	0.6657	0.6819	0.4000	25600	25000	2.4	30.0
Fluorene	Ave	1.422	1.419	0.9000	25000	25000	-0.2	30.0
4-Nitroaniline	Ave	0.4102	0.4059	0.0100	24700	25000	-1.0	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1418	0.1383	0.0100	48800	50000	-2.4	30.0
N-Nitrosodiphenylamine	Ave	0.5811	0.5757	0.0100	24800	25000	-0.9	30.0
1,2-Diphenylhydrazine	Ave	0.6273	0.6342	0.0100	25300	25000	1.1	30.0
4-Bromophenyl phenyl ether	Ave	0.2343	0.2336	0.1000	24900	25000	-0.3	30.0
Hexachlorobenzene	Ave	0.2767	0.2752	0.1000	24900	25000	-0.6	30.0
Atrazine	Ave	0.2304	0.2350	0.0100	25500	25000	2.0	30.0
Pentachlorophenol	Ave	0.1743	0.1748	0.0500	50100	50000	0.3	30.0
Pentachloronitrobenzene	Ave	0.1213	0.1227	0.0100	25300	25000	1.2	30.0
n-Octadecane	Ave	0.6439	0.6386	0.0100	24800	25000	-0.8	30.0
Phenanthrene	Ave	1.199	1.165	0.7000	24300	25000	-2.8	30.0
Anthracene	Ave	1.237	1.228	0.7000	24800	25000	-0.7	30.0
Carbazole	Ave	1.106	1.081	0.0100	24500	25000	-2.2	30.0
Di-n-butyl phthalate	Ave	1.418	1.396	0.0100	24600	25000	-1.6	30.0
Fluoranthene	Ave	1.308	1.301	0.6000	24900	25000	-0.5	30.0
Benzidine	Ave	0.7385	0.5989		20300	25000	-18.9	30.0
Pyrene	Ave	1.504	1.502	0.6000	25000	25000	-0.2	30.0
Bisphenol-A	Ave	0.7347	0.7657		26100	25000	4.2	30.0
Butyl benzyl phthalate	Ave	0.6758	0.6724	0.0100	24900	25000	-0.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: ICV 460-719436/11 Calibration Date: 08/25/2020 15:46

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28532.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.6187	0.6132	0.0100	24800	25000	-0.9	30.0
3,3'-Dichlorobenzidine	Ave	0.5472	0.5140	0.0100	23500	25000	-6.1	30.0
Benzo[a]anthracene	Ave	1.424	1.392	0.8000	24400	25000	-2.2	30.0
Chrysene	Ave	1.350	1.361	0.7000	25200	25000	0.8	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9845	0.9750	0.0100	24800	25000	-1.0	30.0
Di-n-octyl phthalate	Ave	1.409	1.398	0.0100	24800	25000	-0.8	30.0
Benzo[b]fluoranthene	Ave	1.226	1.177	0.7000	24000	25000	-4.0	30.0
Benzo[k]fluoranthene	Ave	1.228	1.296	0.7000	26400	25000	5.5	30.0
Benzo[a]pyrene	Ave	1.050	1.168	0.7000	27800	25000	11.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.293	1.259	0.5000	24300	25000	-2.6	30.0
Dibenz(a,h)anthracene	Ave	1.230	1.256	0.4000	25500	25000	2.1	30.0
Benzo[g,h,i]perylene	Ave	1.257	1.267	0.5000	25200	25000	0.8	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28532.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 25-Aug-2020 15:46:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-011
Operator ID: Instrument ID: CBNAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:38:26 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 26-Aug-2020 05:40:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.934	1.934	0.000	84	7189	25.0	26.8	
2 N-Nitrosodimethylamine	74	2.163	2.163	0.000	55	11376	25.0	26.2	
3 Pyridine	79	2.198	2.199	-0.001	63	32569	50.0	41.9	
5 Benzaldehyde	77	4.163	4.163	0.000	81	12767	25.0	19.6	E
7 Phenol	94	4.222	4.228	-0.006	94	27111	25.0	24.3	
8 Aniline	93	4.263	4.263	0.000	29	32976	25.0	24.8	
9 Bis(2-chloroethyl)ether	93	4.316	4.322	-0.006	87	19881	25.0	24.9	
10 Benzonitrile	103	4.334	4.340	-0.006	93	43605	NC	NC	
11 2-Chlorophenol	128	4.381	4.381	0.000	90	26629	25.0	24.9	
12 n-Decane	43	4.428	4.428	0.000	94	41135	25.0	24.8	
13 1,3-Dichlorobenzene	146	4.528	4.528	0.000	95	28238	25.0	24.9	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.581	0.000	94	28772	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.592	4.593	-0.001	91	28841	25.0	24.9	
16 Benzyl alcohol	108	4.698	4.698	0.000	90	15779	25.0	25.7	
17 1,2-Dichlorobenzene	146	4.740	4.740	0.000	91	27326	25.0	25.0	
18 2-Methylphenol	108	4.798	4.804	-0.006	85	21268	25.0	25.2	
19 2,2'-oxybis[1-chloropropane]	45	4.828	4.834	-0.006	86	56580	25.0	25.7	
20 N-Methylaniline	106	4.945	4.945	0.000	64	33878	25.0	23.3	
24 4-Methylphenol	108	4.945	4.951	-0.006	74	24850	25.0	25.3	
23 3 & 4 Methylphenol	108	4.945	4.951	-0.006	70	24850	25.0	25.3	
21 Acetophenone	105	4.951	4.957	-0.006	72	33717	25.0	25.0	
22 N-Nitrosodi-n-propylamine	70	4.951	4.957	-0.006	84	14674	25.0	25.9	
25 Hexachloroethane	117	5.063	5.063	0.000	90	10514	25.0	25.8	
28 Nitrobenzene	123	5.116	5.122	-0.006	77	12333	25.0	26.1	
27 n,n'-Dimethylaniline	120	5.122	5.122	0.000	88	36860	25.0	24.5	
31 Isophorone	82	5.339	5.345	-0.006	91	39312	25.0	25.1	
32 2-Nitrophenol	139	5.416	5.422	-0.006	86	14551	25.0	25.2	
33 2,4-Dimethylphenol	122	5.451	5.457	-0.006	62	22574	25.0	24.6	
34 Bis(2-chloroethoxy)methane	93	5.539	5.545	-0.006	94	25226	25.0	24.8	
35 Benzoic acid	122	5.528	5.563	-0.035	78	16068	25.0	25.1	
36 2,4-Dichlorophenol	162	5.645	5.645	0.000	94	21482	25.0	25.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.728	5.728	0.000	95	23605	25.0	25.4	
* 38 Naphthalene-d8	136	5.781	5.787	-0.006	99	119831	40.0	40.0	
39 Naphthalene	128	5.804	5.804	0.000	98	76154	25.0	24.9	
40 4-Chloroaniline	127	5.845	5.851	-0.006	80	32796	25.0	24.8	
130 2,6-Dichlorophenol	162	5.857	5.863	-0.006	88	21239	NC	NC	
41 Hexachlorobutadiene	225	5.928	5.928	0.000	91	13888	25.0	25.3	
42 Caprolactam	113	6.157	6.175	-0.018	81	6459	25.0	26.9	Ea
43 4-Chloro-3-methylphenol	107	6.304	6.304	0.000	91	20537	25.0	25.0	
44 2-Methylnaphthalene	142	6.457	6.457	0.000	80	52003	25.0	24.9	
45 1-Methylnaphthalene	142	6.551	6.551	0.000	80	47901	25.0	24.5	
46 Hexachlorocyclopentadiene	237	6.616	6.616	0.000	74	14419	25.0	21.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.616	6.622	-0.006	95	23187	25.0	25.4	
48 2-tertbutyl-4-methylphenol	149	6.639	6.645	-0.006	80	32977	25.0	25.7	
49 2,4,6-Trichlorophenol	196	6.722	6.722	0.000	88	16223	25.0	26.6	
50 2,4,5-Trichlorophenol	196	6.751	6.757	-0.006	94	16666	25.0	23.6	
52 1,1'-Biphenyl	154	6.892	6.898	-0.006	95	61175	25.0	25.2	
53 2-Chloronaphthalene	162	6.916	6.916	0.000	96	47213	25.0	25.4	
54 Phenyl ether	170	6.992	6.998	-0.006	85	29325	25.0	23.9	
56 2-Nitroaniline	65	7.004	7.010	-0.006	90	15760	25.0	24.4	
57 1,3-Dimethylnaphthalene	156	7.122	7.122	0.000	88	37315	25.0	25.8	
58 Dimethyl phthalate	163	7.181	7.187	-0.005	98	53734	25.0	24.5	
59 Coumarin	146	7.198	7.204	-0.006	71	17740	25.0	24.1	
60 2,6-Dinitrotoluene	165	7.233	7.239	-0.006	1	11807	25.0	24.9	
61 Acenaphthylene	152	7.304	7.310	-0.006	97	69881	25.0	24.6	
64 3-Nitroaniline	138	7.392	7.392	0.000	92	14262	25.0	25.2	
* 65 Acenaphthene-d10	164	7.439	7.439	0.000	96	58805	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.457	7.463	-0.006	97	39831	25.0	24.5	
67 Acenaphthene	154	7.469	7.475	-0.006	92	51827	25.0	25.1	
68 2,4-Dinitrophenol	184	7.486	7.492	-0.006	67	15420	50.0	46.8	a
69 4-Nitrophenol	65	7.545	7.551	-0.006	84	20438	50.0	49.3	
70 2,4-Dinitrotoluene	165	7.610	7.616	-0.006	92	16699	25.0	25.6	
71 Dibenzofuran	168	7.633	7.634	-0.001	89	64574	25.0	25.1	
72 2,3,4,6-Tetrachlorophenol	232	7.745	7.751	-0.006	88	14058	25.0	24.9	
73 Diethyl phthalate	149	7.845	7.851	-0.006	96	55841	25.0	24.9	
74 4-Chlorophenyl phenyl ether	204	7.951	7.951	0.000	71	25061	25.0	25.6	
75 Fluorene	166	7.951	7.957	-0.006	80	52166	25.0	25.0	
76 4-Nitroaniline	138	7.963	7.975	-0.012	81	14919	25.0	24.7	
77 4,6-Dinitro-2-methylphenol	198	7.992	8.004	-0.012	51	18234	50.0	48.8	
78 N-Nitrosodiphenylamine	169	8.063	8.063	0.000	96	37946	25.0	24.8	
79 1,2-Diphenylhydrazine	77	8.098	8.104	-0.006	89	41805	25.0	25.3	
81 4-Bromophenyl phenyl ether	248	8.410	8.416	-0.006	86	15395	25.0	24.9	
83 Hexachlorobenzene	284	8.480	8.481	-0.001	93	18137	25.0	24.9	
84 Atrazine	200	8.563	8.563	0.000	86	15493	25.0	25.5	
85 Pentachlorophenol	266	8.657	8.663	-0.006	84	23041	50.0	50.1	
86 Pentachloronitrobenzene	237	8.675	8.681	-0.006	85	8091	25.0	25.3	
87 n-Octadecane	57	8.739	8.739	0.000	90	42097	25.0	24.8	
* 88 Phenanthrene-d10	188	8.833	8.839	-0.006	98	105466	40.0	40.0	
89 Phenanthrene	178	8.857	8.863	-0.006	96	76814	25.0	24.3	
90 Anthracene	178	8.904	8.910	-0.006	97	80958	25.0	24.8	
91 Carbazole	167	9.051	9.057	-0.006	83	71284	25.0	24.5	
92 Di-n-butyl phthalate	149	9.386	9.386	0.000	99	92024	25.0	24.6	
93 Fluoranthene	202	9.980	9.986	-0.006	98	85781	25.0	24.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Benzidine	184	10.098	10.104	-0.006	98	39474	25.0	20.3	
95 Pyrene	202	10.192	10.198	-0.006	96	88846	25.0	25.0	
82 Bisphenol-A	213	10.233	10.239	-0.006	91	45302	25.0	26.1	
97 Butyl benzyl phthalate	149	10.851	10.857	-0.006	92	39779	25.0	24.9	
99 Carbamazepine	193	10.969	10.975	-0.006	90	36281	25.0	24.8	
100 3,3'-Dichlorobenzidine	252	11.445	11.451	-0.006	99	30412	25.0	23.5	
101 Benzo[a]anthracene	228	11.474	11.480	-0.006	98	82360	25.0	24.4	
* 102 Chrysene-d12	240	11.486	11.492	-0.006	97	94661	40.0	40.0	
103 Chrysene	228	11.516	11.522	-0.006	94	80512	25.0	25.2	
104 Bis(2-ethylhexyl) phthalate	149	11.521	11.527	-0.006	79	57685	25.0	24.8	
105 Di-n-octyl phthalate	149	12.368	12.374	-0.006	92	98448	25.0	24.8	
106 Benzo[b]fluoranthene	252	12.874	12.886	-0.012	97	82921	25.0	24.0	
107 Benzo[k]fluoranthene	252	12.915	12.927	-0.012	99	91279	25.0	26.4	
108 Benzo[a]pyrene	252	13.333	13.345	-0.012	96	82301	25.0	27.8	
* 109 Perylene-d12	264	13.421	13.427	-0.006	98	112705	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.033	15.051	-0.018	99	88707	25.0	24.3	
111 Dibenz(a,h)anthracene	278	15.074	15.092	-0.018	95	88471	25.0	25.5	
112 Benzo[g,h,i]perylene	276	15.492	15.515	-0.023	89	89246	25.0	25.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_ICV_00002 Amount Added: 1.00 Units: mL

Report Date: 26-Aug-2020 06:38:30 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28532.d

Injection Date: 25-Aug-2020 15:46:30 Instrument ID: CBNAMS5 Operator ID:

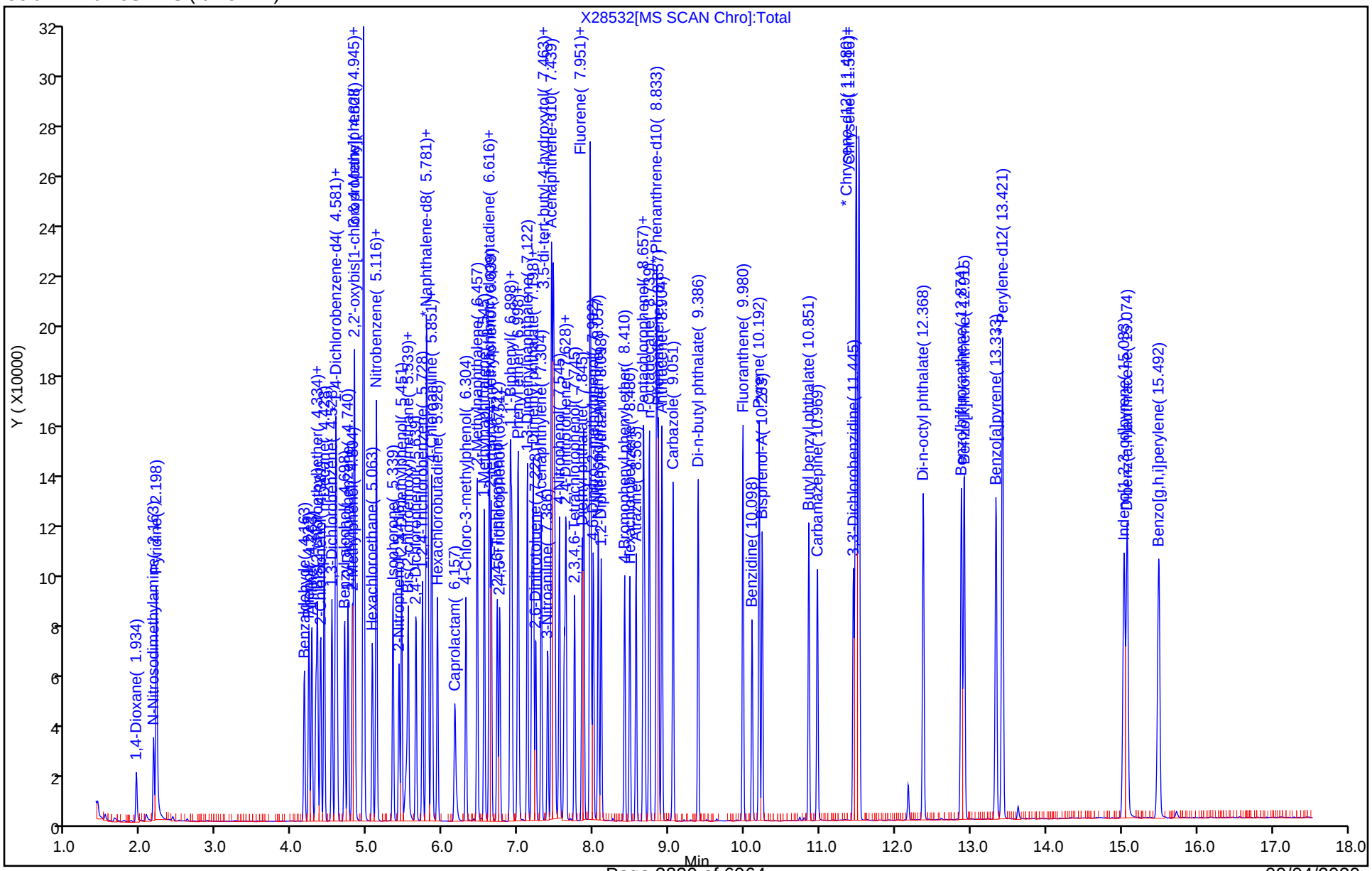
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

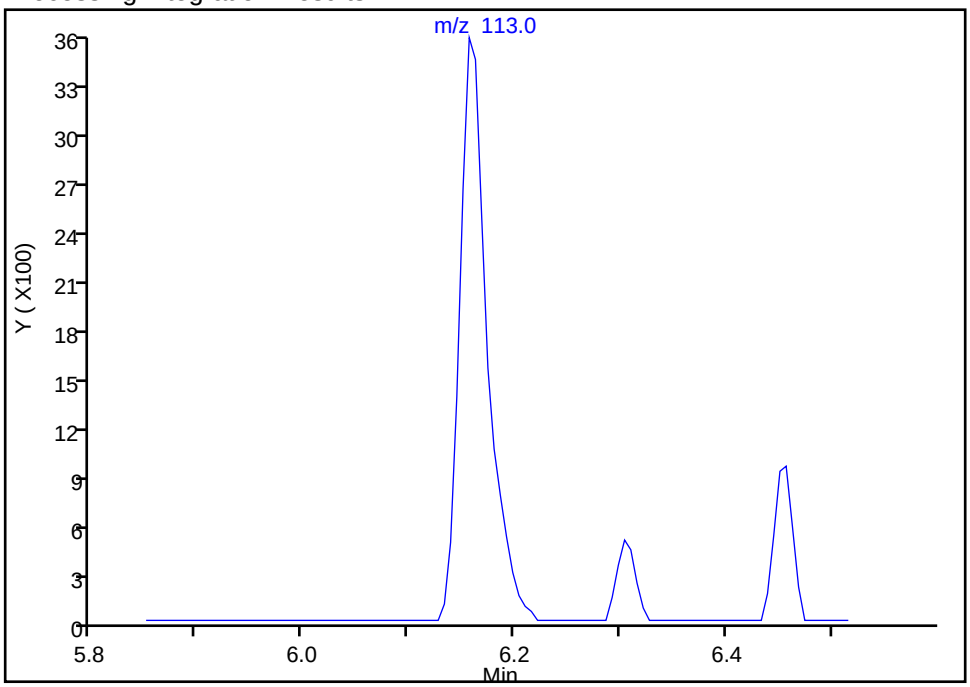
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28532.d
Injection Date: 25-Aug-2020 15:46:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

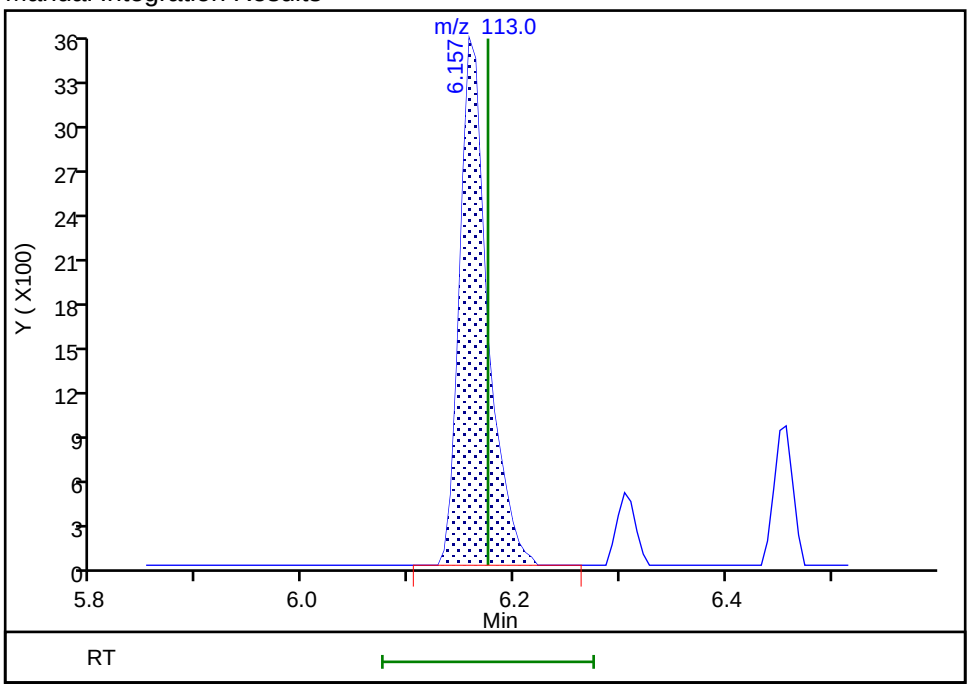
Not Detected
Expected RT: 6.17

Processing Integration Results



Manual Integration Results

RT: 6.16
Area: 6459
Amount: 26.893153
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:40:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

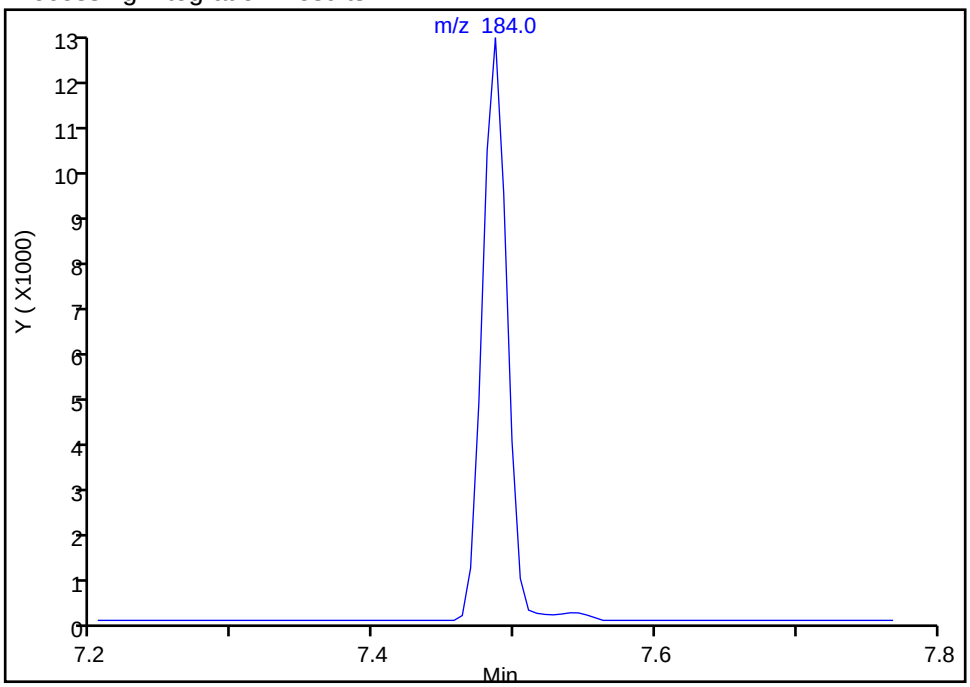
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28532.d
Injection Date: 25-Aug-2020 15:46:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

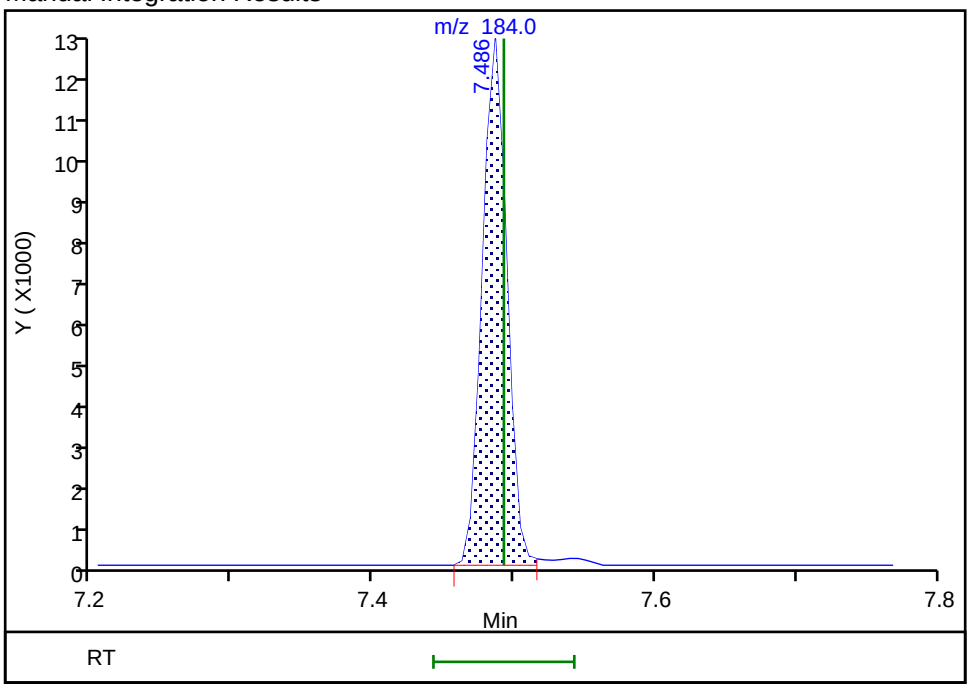
Not Detected
Expected RT: 7.49

Processing Integration Results



Manual Integration Results

RT: 7.49
Area: 15420
Amount: 46.832428
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Aug-2020 05:40:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720289/2 Calibration Date: 08/28/2020 10:22

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28631.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.3725	0.4001	0.0100	53700	50000	7.4	20.0
N-Nitrosodimethylamine	Ave	0.6042	0.5865		48500	50000	-2.9	20.0
Pyridine	Ave	1.080	1.073		99400	100000	-0.6	20.0
Benzaldehyde	Ave	0.9039	0.4439	0.0100	9820	20000	-50.9*	20.0
Phenol	Ave	1.550	1.641	0.8000	52900	50000	5.8	20.0
Aniline	Ave	1.851	1.836		49600	50000	-0.8	20.0
Bis(2-chloroethyl)ether	Ave	1.109	1.144	0.7000	51600	50000	3.2	20.0
2-Chlorophenol	Ave	1.489	1.489	0.8000	50000	50000	-0.0	20.0
n-Decane	Ave	2.302	2.424	0.0100	52600	50000	5.3	20.0
1,3-Dichlorobenzene	Ave	1.579	1.592		50400	50000	0.8	20.0
1,4-Dichlorobenzene	Ave	1.610	1.607		49900	50000	-0.2	20.0
Benzyl alcohol	Ave	0.8526	0.8443	0.0100	49500	50000	-1.0	20.0
1,2-Dichlorobenzene	Ave	1.521	1.528		50300	50000	0.5	20.0
2-Methylphenol	Ave	1.172	1.176	0.7000	50100	50000	0.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.066	3.215	0.0100	52400	50000	4.9	20.0
N-Methylaniline	Ave	2.018	2.035		50400	50000	0.9	20.0
3 & 4 Methylphenol	Ave	1.368	1.366		49900	50000	-0.2	20.0
4-Methylphenol	Ave	1.368	1.366	0.6000	49900	50000	-0.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.7871	0.8343	0.5000	53000	50000	6.0	20.0
Acetophenone	Ave	1.877	1.864	0.0100	49700	50000	-0.7	20.0
Hexachloroethane	Ave	0.5669	0.5929	0.3000	52300	50000	4.6	20.0
Nitrobenzene	Ave	0.6557	0.7016	0.2000	53500	50000	7.0	20.0
n,n'-Dimethylaniline	Ave	2.094	2.104	0.0100	50300	50000	0.5	20.0
Isophorone	Ave	0.5218	0.5242	0.4000	50200	50000	0.5	20.0
2-Nitrophenol	Ave	0.1924	0.1996	0.1000	51900	50000	3.7	20.0
2,4-Dimethylphenol	Ave	0.3068	0.2988	0.2000	48700	50000	-2.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3390	0.3387	0.3000	50000	50000	-0.0	20.0
Benzoic acid	Lin2		0.1977		44500	50000	-11.1	20.0
2,4-Dichlorophenol	Ave	0.2843	0.2926	0.2000	51500	50000	2.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3103	0.3246		52300	50000	4.6	20.0
Naphthalene	Ave	1.022	1.028	0.7000	50300	50000	0.6	20.0
4-Chloroaniline	Ave	0.4412	0.4578	0.0100	51900	50000	3.8	20.0
Hexachlorobutadiene	Ave	0.1833	0.1883	0.0100	51300	50000	2.7	20.0
Caprolactam	Ave	0.0802	0.0915	0.0100	22800	20000	14.1	20.0
4-Chloro-3-methylphenol	Ave	0.2740	0.2770		50500	50000	1.1	20.0
2-Methylnaphthalene	Ave	0.6963	0.7131	0.4000	51200	50000	2.4	20.0
1-Methylnaphthalene	Ave	0.6515	0.6557	0.0100	50300	50000	0.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6211	0.6400	0.0100	51500	50000	3.0	20.0
Hexachlorocyclopentadiene	Ave	0.4538	0.4824	0.0500	53200	50000	6.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4288	0.4382	0.0100	51100	50000	2.2	20.0
2,4,6-Trichlorophenol	Ave	0.4147	0.4310	0.2000	52000	50000	3.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720289/2 Calibration Date: 08/28/2020 10:22

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28631.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4794	0.4874	0.2000	50800	50000	1.7	20.0
1,1'-Biphenyl	Ave	1.652	1.683	0.0100	50900	50000	1.8	20.0
2-Chloronaphthalene	Ave	1.263	1.285	0.8000	50900	50000	1.7	20.0
Phenyl ether	Ave	0.8347	0.8596	0.0100	51500	50000	3.0	20.0
2-Nitroaniline	Ave	0.4392	0.4453	0.0100	50700	50000	1.4	20.0
1,3-Dimethylnaphthalene	Ave	0.9820	0.9879	0.0100	50300	50000	0.6	20.0
Dimethyl phthalate	Ave	1.492	1.487	0.0100	49900	50000	-0.3	20.0
Coumarin	Ave	0.2462	0.2512	0.0100	51000	50000	2.0	20.0
2,6-Dinitrotoluene	Ave	0.3231	0.3411	0.2000	52800	50000	5.6	20.0
Acenaphthylene	Ave	1.931	1.991	0.9000	51600	50000	3.1	20.0
3-Nitroaniline	Ave	0.3852	0.3940	0.0100	51100	50000	2.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.106	1.146	0.0100	51800	50000	3.6	20.0
Acenaphthene	Ave	1.407	1.436	0.9000	51000	50000	2.0	20.0
2,4-Dinitrophenol	Lin2		0.2048	0.0100	89600	100000	-10.4	20.0
4-Nitrophenol	Ave	0.2822	0.2801	0.0100	99300	100000	-0.7	20.0
2,4-Dinitrotoluene	Ave	0.4442	0.4598	0.2000	51800	50000	3.5	20.0
Dibenzofuran	Ave	1.750	1.778	0.8000	50800	50000	1.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3847	0.3947	0.0100	51300	50000	2.6	20.0
Diethyl phthalate	Ave	1.525	1.557	0.0100	51100	50000	2.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6657	0.6849	0.4000	51400	50000	2.9	20.0
Fluorene	Ave	1.422	1.456	0.9000	51200	50000	2.4	20.0
4-Nitroaniline	Ave	0.4102	0.4179	0.0100	50900	50000	1.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1418	0.1469	0.0100	104000	100000	3.6	20.0
N-Nitrosodiphenylamine	Ave	0.5811	0.5795	0.0100	49900	50000	-0.3	20.0
1,2-Diphenylhydrazine	Ave	0.6273	0.6295	0.0100	50200	50000	0.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2343	0.2337	0.1000	49900	50000	-0.3	20.0
Hexachlorobenzene	Ave	0.2767	0.2934	0.1000	53000	50000	6.0	20.0
Atrazine	Ave	0.2304	0.2382	0.0100	20700	20000	3.4	20.0
Pentachlorophenol	Ave	0.1743	0.1721	0.0500	98700	100000	-1.3	20.0
Pentachloronitrobenzene	Ave	0.1213	0.1249	0.0100	51500	50000	2.9	20.0
n-Octadecane	Ave	0.6439	0.6563	0.0100	51000	50000	1.9	20.0
Phenanthrene	Ave	1.199	1.210	0.7000	50400	50000	0.9	20.0
Anthracene	Ave	1.237	1.247	0.7000	50400	50000	0.8	20.0
Carbazole	Ave	1.106	1.131	0.0100	51100	50000	2.3	20.0
Di-n-butyl phthalate	Ave	1.418	1.436	0.0100	50600	50000	1.2	20.0
Fluoranthene	Ave	1.308	1.327	0.6000	50700	50000	1.5	20.0
Benzidine	Ave	0.7385	0.7136		48300	50000	-3.4	20.0
Pyrene	Ave	1.504	1.475	0.6000	49000	50000	-1.9	20.0
Bisphenol-A	Ave	0.7347	0.6966		47400	50000	-5.2	20.0
Butyl benzyl phthalate	Ave	0.6758	0.6765	0.0100	50100	50000	0.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-720289/2 Calibration Date: 08/28/2020 10:22

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28631.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2286	0.1921	0.0100	420	500	-16.0	20.0
Carbamazepine	Ave	0.6187	0.5902	0.0100	47700	50000	-4.6	20.0
3,3'-Dichlorobenzidine	Ave	0.5472	0.5358	0.0100	49000	50000	-2.1	20.0
Benzo[a]anthracene	Ave	1.424	1.385	0.8000	48600	50000	-2.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9845	0.9846	0.0100	50000	50000	0.0	20.0
Chrysene	Ave	1.350	1.353	0.7000	50100	50000	0.2	20.0
Di-n-octyl phthalate	Ave	1.409	1.453	0.0100	51600	50000	3.1	20.0
Benzo[b]fluoranthene	Ave	1.226	1.270	0.7000	51800	50000	3.6	20.0
Benzo[k]fluoranthene	Ave	1.228	1.234	0.7000	50200	50000	0.5	20.0
Benzo[a]pyrene	Ave	1.050	1.088	0.7000	51800	50000	3.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.293	1.346	0.5000	52000	50000	4.1	20.0
Dibenz(a,h)anthracene	Ave	1.230	1.251	0.4000	50900	50000	1.8	20.0
Benzo[g,h,i]perylene	Ave	1.257	1.252	0.5000	49800	50000	-0.4	20.0
2-Fluorophenol (Surr)	Ave	1.282	1.295		50500	50000	1.0	20.0
Phenol-d5 (Surr)	Ave	1.489	1.502		50400	50000	0.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3125	0.3075		49200	50000	-1.6	20.0
2-Fluorobiphenyl	Ave	1.466	1.477		50400	50000	0.7	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2713	0.2905		53500	50000	7.1	20.0
Terphenyl-d14 (Surr)	Ave	1.036	1.033		49900	50000	-0.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28631.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Aug-2020 10:22:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115925-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 11:35:18 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: zhaoc Date: 28-Aug-2020 11:33:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.928	1.928	0.000	84	14315	50.0	53.7	
2 N-Nitrosodimethylamine	74	2.157	2.157	0.000	54	20982	50.0	48.5	
3 Pyridine	79	2.193	2.193	0.000	62	76805	100.0	99.4	
$ 4 2-Fluorophenol	112	3.328	3.328	0.000	92	46323	50.0	50.5	
5 Benzaldehyde	77	4.151	4.151	0.000	79	6353	20.0	9.82	
$ 6 Phenol-d5	99	4.210	4.210	0.000	92	53752	50.0	50.4	
7 Phenol	94	4.222	4.222	0.000	91	58693	50.0	52.9	
8 Aniline	93	4.251	4.251	0.000	27	65675	50.0	49.6	
9 Bis(2-chloroethyl)ether	93	4.304	4.304	0.000	86	40941	50.0	51.6	
10 Benzonitrile	103	4.328	4.328	0.000	93	86447	NC	NC	
11 2-Chlorophenol	128	4.369	4.369	0.000	90	53258	50.0	50.0	
12 n-Decane	43	4.410	4.410	0.000	89	86722	50.0	52.6	
13 1,3-Dichlorobenzene	146	4.516	4.516	0.000	95	56951	50.0	50.4	
* 14 1,4-Dichlorobenzene-d4	152	4.563	4.563	0.000	84	28622	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.581	4.581	0.000	93	57506	50.0	49.9	
16 Benzyl alcohol	108	4.687	4.687	0.000	89	30206	50.0	49.5	
17 1,2-Dichlorobenzene	146	4.728	4.728	0.000	91	54684	50.0	50.3	
18 2-Methylphenol	108	4.798	4.798	0.000	83	42057	50.0	50.1	
19 2,2'-oxybis[1-chloropropane]	45	4.816	4.816	0.000	0	115041	50.0	52.4	M
20 N-Methylaniline	106	4.934	4.934	0.000	72	72825	50.0	50.4	
24 4-Methylphenol	108	4.940	4.940	0.000	71	48862	50.0	49.9	
23 3 & 4 Methylphenol	108	4.940	4.940	0.000	67	48862	50.0	49.9	
22 N-Nitrosodi-n-propylamine	70	4.940	4.940	0.000	75	29850	50.0	53.0	
21 Acetophenone	105	4.945	4.945	0.000	73	66692	50.0	49.7	
25 Hexachloroethane	117	5.051	5.051	0.000	90	21213	50.0	52.3	
$ 26 Nitrobenzene-d5	82	5.087	5.087	0.000	88	44901	50.0	49.2	
28 Nitrobenzene	123	5.104	5.104	0.000	77	25102	50.0	53.5	
27 n,n'-Dimethylaniline	120	5.110	5.110	0.000	85	75291	50.0	50.3	
31 Isophorone	82	5.328	5.328	0.000	91	76538	50.0	50.2	
32 2-Nitrophenol	139	5.404	5.404	0.000	86	29137	50.0	51.9	
33 2,4-Dimethylphenol	122	5.445	5.445	0.000	79	43626	50.0	48.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.528	5.528	0.000	93	49458	50.0	50.0	
35 Benzoic acid	122	5.551	5.551	0.000	76	28864	50.0	44.5	
36 2,4-Dichlorophenol	162	5.640	5.640	0.000	94	42716	50.0	51.5	
37 1,2,4-Trichlorobenzene	180	5.716	5.716	0.000	92	47391	50.0	52.3	
* 38 Naphthalene-d8	136	5.769	5.769	0.000	96	116809	40.0	40.0	
39 Naphthalene	128	5.792	5.792	0.000	98	150125	50.0	50.3	
40 4-Chloroaniline	127	5.840	5.840	0.000	79	66845	50.0	51.9	
130 2,6-Dichlorophenol	162	5.851	5.851	0.000	89	42820	NC	NC	
41 Hexachlorobutadiene	225	5.916	5.916	0.000	93	27487	50.0	51.3	
42 Caprolactam	113	6.210	6.210	0.000	78	5344	20.0	22.8	
43 4-Chloro-3-methylphenol	107	6.298	6.298	0.000	90	40438	50.0	50.5	
44 2-Methylnaphthalene	142	6.445	6.445	0.000	82	104120	50.0	51.2	
45 1-Methylnaphthalene	142	6.539	6.539	0.000	83	95744	50.0	50.3	
46 Hexachlorocyclopentadiene	237	6.604	6.604	0.000	76	35081	50.0	53.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.604	6.604	0.000	91	46535	50.0	51.5	
48 2-tertbutyl-4-methylphenol	149	6.634	6.634	0.000	81	63988	50.0	51.1	
49 2,4,6-Trichlorophenol	196	6.710	6.710	0.000	88	31341	50.0	52.0	
50 2,4,5-Trichlorophenol	196	6.745	6.745	0.000	88	35443	50.0	50.8	
$ 51 2-Fluorobiphenyl	172	6.792	6.792	0.000	85	107376	50.0	50.4	
52 1,1'-Biphenyl	154	6.887	6.887	0.000	95	122355	50.0	50.9	
53 2-Chloronaphthalene	162	6.904	6.904	0.000	96	93418	50.0	50.9	
54 Phenyl ether	170	6.981	6.981	0.000	85	62510	50.0	51.5	
56 2-Nitroaniline	65	6.998	6.998	0.000	93	32384	50.0	50.7	
57 1,3-Dimethylnaphthalene	156	7.110	7.110	0.000	89	71838	50.0	50.3	
58 Dimethyl phthalate	163	7.169	7.169	0.000	98	108158	50.0	49.9	
59 Coumarin	146	7.192	7.192	0.000	72	36685	50.0	51.0	
60 2,6-Dinitrotoluene	165	7.222	7.222	0.000	14	24803	50.0	52.8	
61 Acenaphthylene	152	7.292	7.292	0.000	97	144793	50.0	51.6	
64 3-Nitroaniline	138	7.381	7.381	0.000	92	28649	50.0	51.1	
* 65 Acenaphthene-d10	164	7.428	7.428	0.000	90	58173	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.445	7.445	0.000	98	83301	50.0	51.8	
67 Acenaphthene	154	7.457	7.457	0.000	93	104413	50.0	51.0	
68 2,4-Dinitrophenol	184	7.481	7.481	0.000	0	29787	100.0	89.6	M
69 4-Nitrophenol	65	7.551	7.551	0.000	84	40742	100.0	99.3	
70 2,4-Dinitrotoluene	165	7.604	7.604	0.000	80	33436	50.0	51.8	
71 Dibenzofuran	168	7.622	7.622	0.000	90	129277	50.0	50.8	
72 2,3,4,6-Tetrachlorophenol	232	7.739	7.739	0.000	90	28703	50.0	51.3	
73 Diethyl phthalate	149	7.834	7.834	0.000	97	113211	50.0	51.1	
74 4-Chlorophenyl phenyl ether	204	7.939	7.939	0.000	72	49803	50.0	51.4	
75 Fluorene	166	7.945	7.945	0.000	81	105874	50.0	51.2	
76 4-Nitroaniline	138	7.963	7.963	0.000	87	30385	50.0	50.9	
77 4,6-Dinitro-2-methylphenol	198	7.992	7.992	0.000	70	38811	100.0	103.6	
78 N-Nitrosodiphenylamine	169	8.051	8.051	0.000	94	76564	50.0	49.9	
79 1,2-Diphenylhydrazine	77	8.092	8.092	0.000	86	83162	50.0	50.2	
$ 80 2,4,6-Tribromophenol	330	8.169	8.169	0.000	93	21125	50.0	53.5	
81 4-Bromophenyl phenyl ether	248	8.398	8.398	0.000	88	30875	50.0	49.9	
83 Hexachlorobenzene	284	8.469	8.469	0.000	94	38763	50.0	53.0	
84 Atrazine	200	8.551	8.551	0.000	88	12589	20.0	20.7	
85 Pentachlorophenol	266	8.651	8.651	0.000	84	45468	100.0	98.7	
86 Pentachloronitrobenzene	237	8.669	8.669	0.000	88	16495	50.0	51.5	
87 n-Octadecane	57	8.722	8.722	0.000	90	86702	50.0	51.0	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	105691	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.845	8.845	0.000	97	159881	50.0	50.4	
90 Anthracene	178	8.892	8.892	0.000	97	164762	50.0	50.4	
91 Carbazole	167	9.045	9.045	0.000	83	149431	50.0	51.1	
92 Di-n-butyl phthalate	149	9.375	9.375	0.000	99	189650	50.0	50.6	
93 Fluoranthene	202	9.969	9.969	0.000	98	175316	50.0	50.7	
94 Benzidine	184	10.092	10.092	0.000	98	94275	50.0	48.3	
95 Pyrene	202	10.186	10.186	0.000	97	180448	50.0	49.0	
82 Bisphenol-A	213	10.227	10.227	0.000	85	85223	50.0	47.4	
$ 96 Terphenyl-d14	244	10.333	10.333	0.000	99	126441	50.0	49.9	
97 Butyl benzyl phthalate	149	10.839	10.839	0.000	92	82775	50.0	50.1	
98 2,3,7,8-TCDD	320	10.945	10.945	0.000	1	235	0.5000	0.4201	
99 Carbamazepine	193	10.957	10.957	0.000	90	72206	50.0	47.7	
100 3,3'-Dichlorobenzidine	252	11.433	11.433	0.000	99	65559	50.0	49.0	
101 Benzo[a]anthracene	228	11.457	11.457	0.000	98	169485	50.0	48.6	
* 102 Chrysene-d12	240	11.474	11.474	0.000	95	97880	40.0	40.0	
104 Bis(2-ethylhexyl) phthalate	149	11.504	11.504	0.000	86	120461	50.0	50.0	
103 Chrysene	228	11.504	11.504	0.000	91	165480	50.0	50.1	
105 Di-n-octyl phthalate	149	12.351	12.351	0.000	93	212717	50.0	51.6	
106 Benzo[b]fluoranthene	252	12.868	12.868	0.000	97	185840	50.0	51.8	
107 Benzo[k]fluoranthene	252	12.904	12.904	0.000	95	180593	50.0	50.2	
108 Benzo[a]pyrene	252	13.321	13.321	0.000	95	159285	50.0	51.8	
* 109 Perylene-d12	264	13.404	13.404	0.000	98	117084	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.027	15.027	0.000	98	196968	50.0	52.0	
111 Dibenz(a,h)anthracene	278	15.062	15.062	0.000	96	183141	50.0	50.9	
112 Benzo[g,h,i]perylene	276	15.486	15.486	0.000	90	183218	50.0	49.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

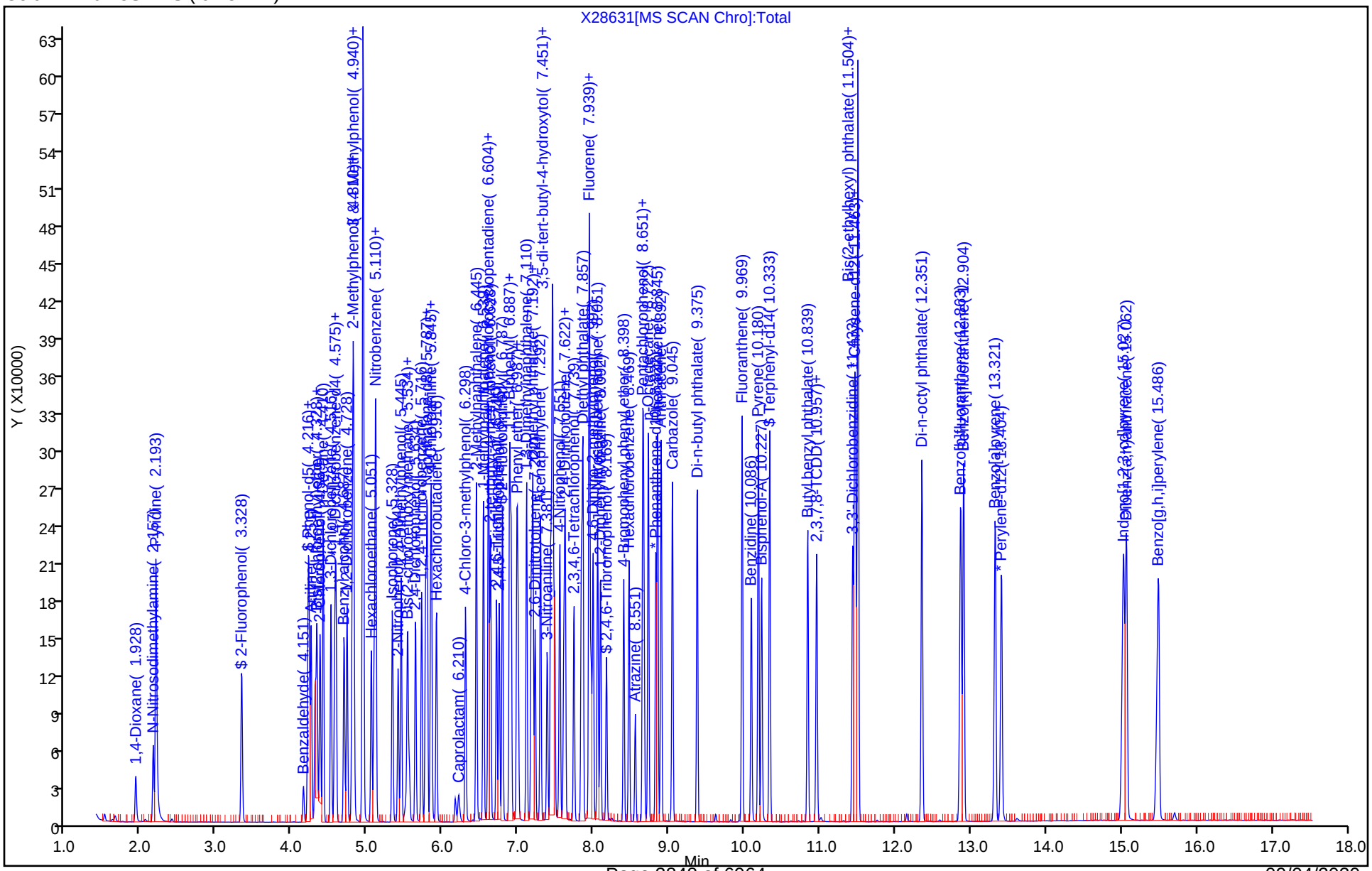
Report Date: 28-Aug-2020 11:35:19 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28631.d

Injection Date:	28-Aug-2020 10:22:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

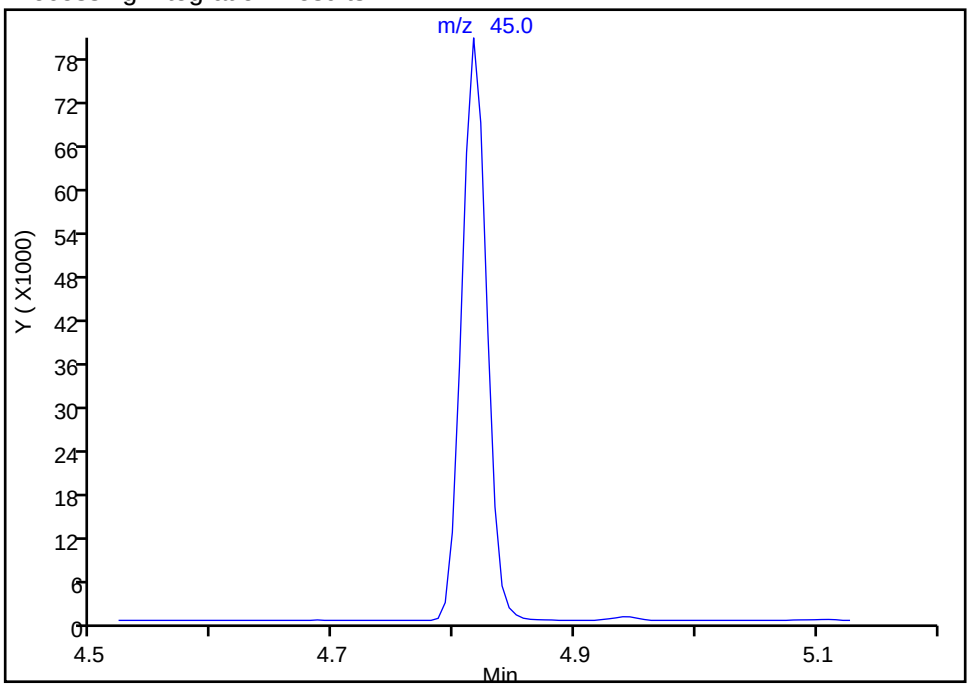
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28631.d				
Injection Date:	28-Aug-2020 10:22:30	Instrument ID:	CBNAMS5		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

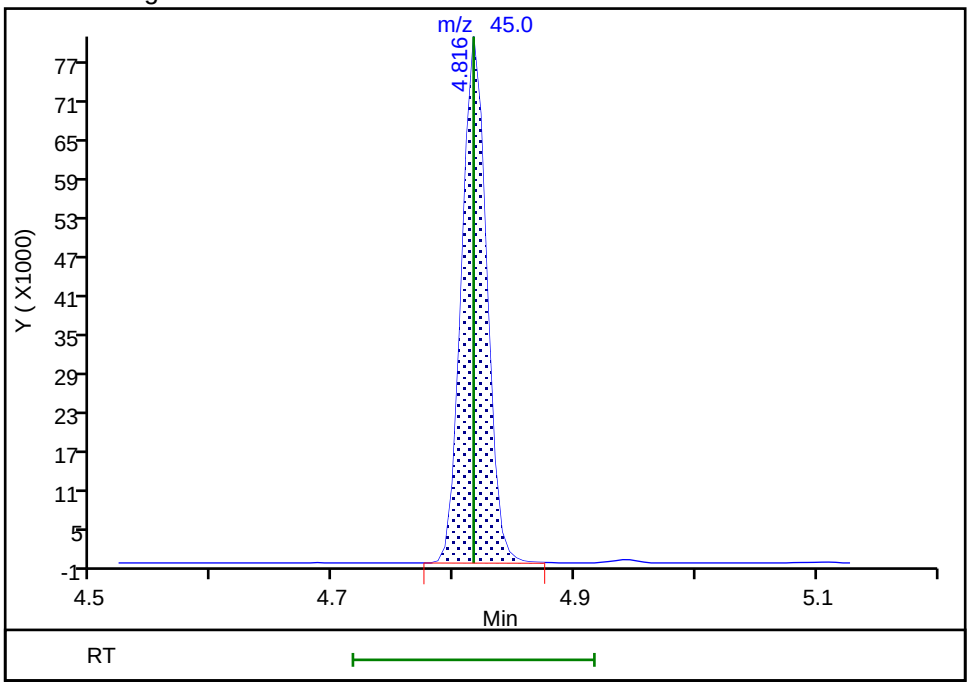
Not Detected
Expected RT: 4.82

Processing Integration Results



Manual Integration Results

RT: 4.82
Area: 115041
Amount: 52.430817
Amount Units: ug/ml



Reviewer: zhaoc, 28-Aug-2020 10:43:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

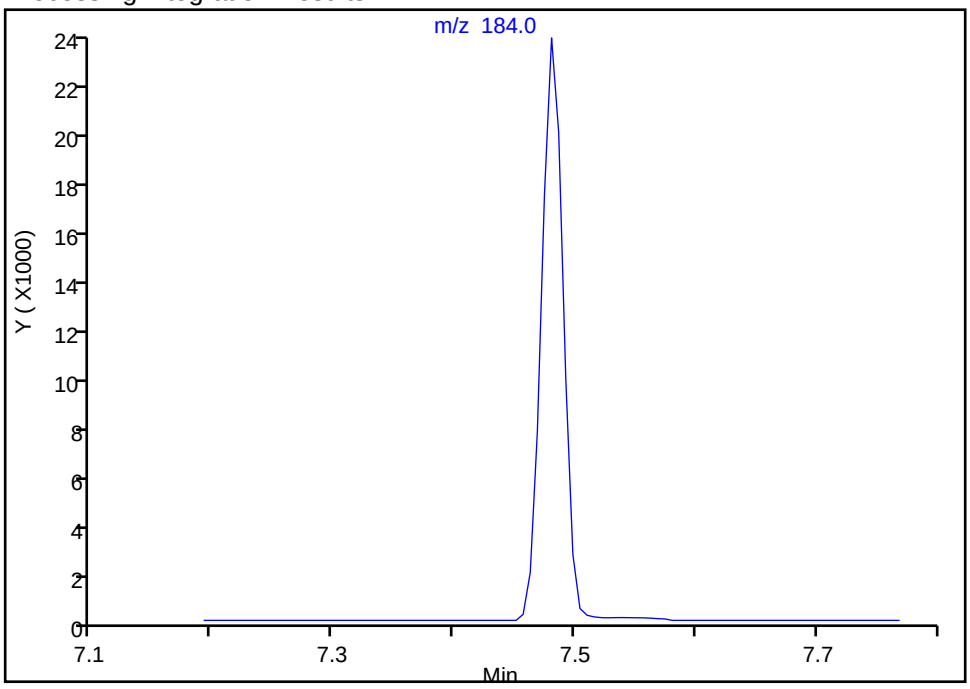
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28631.d				
Injection Date:	28-Aug-2020 10:22:30	Instrument ID:	CBNAMS5		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

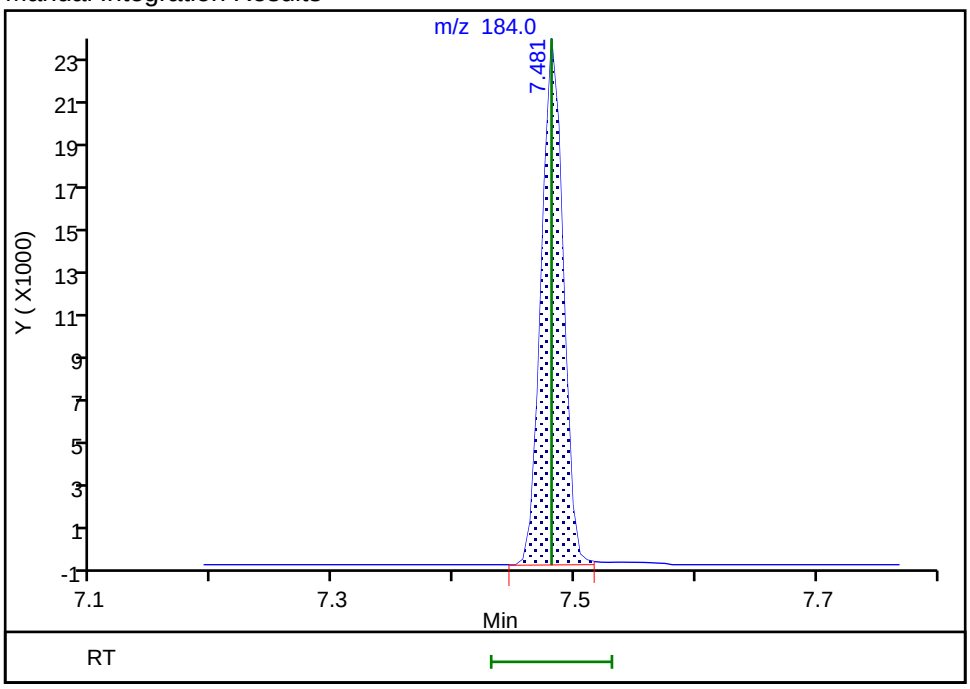
Not Detected
Expected RT: 7.48

Processing Integration Results



RT: 7.48
Area: 29787
Amount: 89.616159
Amount Units: ug/ml

Manual Integration Results



Reviewer: zhaoc, 28-Aug-2020 10:44:00
Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721108/2 Calibration Date: 09/01/2020 13:13

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28729.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.3725	0.3994	0.0100	53600	50000	7.2	20.0
N-Nitrosodimethylamine	Ave	0.6042	0.5990		49600	50000	-0.9	20.0
Pyridine	Ave	1.080	1.058		97900	100000	-2.1	20.0
Benzaldehyde	Ave	0.9039	0.4561	0.0100	10100	20000	-49.5*	20.0
Phenol	Ave	1.550	1.638	0.8000	52800	50000	5.7	20.0
Aniline	Ave	1.851	1.860		50300	50000	0.5	20.0
Bis(2-chloroethyl)ether	Ave	1.109	1.141	0.7000	51500	50000	2.9	20.0
2-Chlorophenol	Ave	1.489	1.463	0.8000	49100	50000	-1.8	20.0
n-Decane	Ave	2.302	2.397	0.0100	52100	50000	4.1	20.0
1,3-Dichlorobenzene	Ave	1.579	1.593		50500	50000	0.9	20.0
1,4-Dichlorobenzene	Ave	1.610	1.639		50900	50000	1.8	20.0
Benzyl alcohol	Ave	0.8526	0.8081	0.0100	47400	50000	-5.2	20.0
1,2-Dichlorobenzene	Ave	1.521	1.511		49700	50000	-0.6	20.0
2-Methylphenol	Ave	1.172	1.154	0.7000	49200	50000	-1.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.066	3.136	0.0100	51100	50000	2.3	20.0
N-Methylaniline	Ave	2.018	1.965		48700	50000	-2.6	20.0
3 & 4 Methylphenol	Ave	1.368	1.358		49600	50000	-0.8	20.0
4-Methylphenol	Ave	1.368	1.358	0.6000	49600	50000	-0.8	20.0
Acetophenone	Ave	1.877	1.825	0.0100	48600	50000	-2.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.7871	0.7974	0.5000	50700	50000	1.3	20.0
Hexachloroethane	Ave	0.5669	0.5835	0.3000	51500	50000	2.9	20.0
n,n'-Dimethylaniline	Ave	2.094	2.089	0.0100	49900	50000	-0.2	20.0
Nitrobenzene	Ave	0.6557	0.6865	0.2000	52400	50000	4.7	20.0
Isophorone	Ave	0.5218	0.5254	0.4000	50300	50000	0.7	20.0
2-Nitrophenol	Ave	0.1924	0.2033	0.1000	52800	50000	5.7	20.0
2,4-Dimethylphenol	Ave	0.3068	0.3056	0.2000	49800	50000	-0.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.3390	0.3365	0.3000	49600	50000	-0.7	20.0
Benzoic acid	Lin2		0.1999		44900	50000	-10.1	20.0
2,4-Dichlorophenol	Ave	0.2843	0.2953	0.2000	51900	50000	3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3103	0.3298		53100	50000	6.3	20.0
Naphthalene	Ave	1.022	1.029	0.7000	50300	50000	0.7	20.0
4-Chloroaniline	Ave	0.4412	0.4420	0.0100	50100	50000	0.2	20.0
Hexachlorobutadiene	Ave	0.1833	0.1908	0.0100	52000	50000	4.1	20.0
Caprolactam	Ave	0.0802	0.0858	0.0100	21400	20000	7.0	20.0
4-Chloro-3-methylphenol	Ave	0.2740	0.2786		50800	50000	1.7	20.0
2-Methylnaphthalene	Ave	0.6963	0.6966	0.4000	50000	50000	0.0	20.0
1-Methylnaphthalene	Ave	0.6515	0.6500	0.0100	49900	50000	-0.2	20.0
Hexachlorocyclopentadiene	Ave	0.4538	0.4763	0.0500	52500	50000	4.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6211	0.6390	0.0100	51400	50000	2.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4288	0.4310	0.0100	50300	50000	0.5	20.0
2,4,6-Trichlorophenol	Ave	0.4147	0.4297	0.2000	51800	50000	3.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721108/2 Calibration Date: 09/01/2020 13:13

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28729.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4794	0.4768	0.2000	49700	50000	-0.5	20.0
1,1'-Biphenyl	Ave	1.652	1.662	0.0100	50300	50000	0.6	20.0
2-Chloronaphthalene	Ave	1.263	1.275	0.8000	50400	50000	0.9	20.0
Phenyl ether	Ave	0.8347	0.8598	0.0100	51500	50000	3.0	20.0
2-Nitroaniline	Ave	0.4392	0.4332	0.0100	49300	50000	-1.3	20.0
1,3-Dimethylnaphthalene	Ave	0.9820	0.999	0.0100	50900	50000	1.7	20.0
Dimethyl phthalate	Ave	1.492	1.471	0.0100	49300	50000	-1.4	20.0
Coumarin	Ave	0.2462	0.2446	0.0100	49700	50000	-0.7	20.0
2,6-Dinitrotoluene	Ave	0.3231	0.3353	0.2000	51900	50000	3.8	20.0
Acenaphthylene	Ave	1.931	1.931	0.9000	50000	50000	-0.0	20.0
3-Nitroaniline	Ave	0.3852	0.3764	0.0100	48900	50000	-2.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.106	1.122	0.0100	50700	50000	1.5	20.0
Acenaphthene	Ave	1.407	1.426	0.9000	50700	50000	1.3	20.0
2,4-Dinitrophenol	Lin2		0.2129	0.0100	93100	100000	-6.9	20.0
4-Nitrophenol	Ave	0.2822	0.2714	0.0100	96200	100000	-3.8	20.0
2,4-Dinitrotoluene	Ave	0.4442	0.4562	0.2000	51300	50000	2.7	20.0
Dibenzofuran	Ave	1.750	1.765	0.8000	50400	50000	0.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3847	0.3838	0.0100	49900	50000	-0.2	20.0
Diethyl phthalate	Ave	1.525	1.492	0.0100	48900	50000	-2.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6657	0.6788	0.4000	51000	50000	2.0	20.0
Fluorene	Ave	1.422	1.441	0.9000	50700	50000	1.4	20.0
4-Nitroaniline	Ave	0.4102	0.4036	0.0100	49200	50000	-1.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1418	0.1490	0.0100	105000	100000	5.1	20.0
N-Nitrosodiphenylamine	Ave	0.5811	0.5816	0.0100	50000	50000	0.0	20.0
1,2-Diphenylhydrazine	Ave	0.6273	0.6083	0.0100	48500	50000	-3.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2343	0.2381	0.1000	50800	50000	1.6	20.0
Hexachlorobenzene	Ave	0.2767	0.2952	0.1000	53300	50000	6.7	20.0
Atrazine	Ave	0.2304	0.2371	0.0100	20600	20000	2.9	20.0
Pentachlorophenol	Ave	0.1743	0.1721	0.0500	98700	100000	-1.3	20.0
Pentachloronitrobenzene	Ave	0.1213	0.1243	0.0100	51200	50000	2.5	20.0
n-Octadecane	Ave	0.6439	0.6343	0.0100	49300	50000	-1.5	20.0
Phenanthrene	Ave	1.199	1.185	0.7000	49400	50000	-1.2	20.0
Anthracene	Ave	1.237	1.252	0.7000	50600	50000	1.2	20.0
Carbazole	Ave	1.106	1.101	0.0100	49800	50000	-0.4	20.0
Di-n-butyl phthalate	Ave	1.418	1.417	0.0100	49900	50000	-0.1	20.0
Fluoranthene	Ave	1.308	1.323	0.6000	50600	50000	1.2	20.0
Benzidine	Ave	0.7385	0.7339		49700	50000	-0.6	20.0
Pyrene	Ave	1.504	1.480	0.6000	49200	50000	-1.6	20.0
Bisphenol-A	Ave	0.7347	0.7165		48800	50000	-2.5	20.0
Butyl benzyl phthalate	Ave	0.6758	0.6716	0.0100	49700	50000	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: CCVIS 460-721108/2 Calibration Date: 09/01/2020 13:13

Instrument ID: CBNAMS5 Calib Start Date: 08/25/2020 12:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/25/2020 15:22

Lab File ID: X28729.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2286	0.2190	0.0100	479	500	-4.2	20.0
Carbamazepine	Ave	0.6187	0.6487	0.0100	52400	50000	4.8	20.0
3,3'-Dichlorobenzidine	Ave	0.5472	0.5407	0.0100	49400	50000	-1.2	20.0
Benzo[a]anthracene	Ave	1.424	1.400	0.8000	49200	50000	-1.7	20.0
Chrysene	Ave	1.350	1.355	0.7000	50200	50000	0.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9845	0.9896	0.0100	50300	50000	0.5	20.0
Di-n-octyl phthalate	Ave	1.409	1.408	0.0100	50000	50000	-0.0	20.0
Benzo[b]fluoranthene	Ave	1.226	1.192	0.7000	48600	50000	-2.8	20.0
Benzo[k]fluoranthene	Ave	1.228	1.238	0.7000	50400	50000	0.8	20.0
Benzo[a]pyrene	Ave	1.050	1.060	0.7000	50400	50000	0.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.293	1.346	0.5000	52000	50000	4.1	20.0
Dibenz(a,h)anthracene	Ave	1.230	1.261	0.4000	51300	50000	2.5	20.0
Benzo[g,h,i]perylene	Ave	1.257	1.254	0.5000	49900	50000	-0.3	20.0
2-Fluorophenol (Surr)	Ave	1.282	1.281		50000	50000	-0.0	20.0
Phenol-d5 (Surr)	Ave	1.489	1.497		50300	50000	0.5	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3125	0.3091		49400	50000	-1.1	20.0
2-Fluorobiphenyl	Ave	1.466	1.486		50700	50000	1.4	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2713	0.2892		53300	50000	6.6	20.0
Terphenyl-d14 (Surr)	Ave	1.036	1.035		50000	50000	-0.1	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28729.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Sep-2020 13:13:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 01-Sep-2020 19:31:57 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1051

First Level Reviewer: eisam Date: 01-Sep-2020 19:31:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.875	1.875	0.000	83	11963	50.0	53.6	
2 N-Nitrosodimethylamine	74	2.104	2.104	0.000	54	17940	50.0	49.6	
3 Pyridine	79	2.146	2.146	0.000	63	63348	100.0	97.9	
$ 4 2-Fluorophenol	112	3.275	3.275	0.000	92	38366	50.0	50.0	
5 Benzaldehyde	77	4.098	4.098	0.000	79	5464	20.0	10.1	
$ 6 Phenol-d5	99	4.163	4.163	0.000	89	44841	50.0	50.3	
7 Phenol	94	4.175	4.175	0.000	92	49070	50.0	52.8	
8 Aniline	93	4.198	4.198	0.000	51	55714	50.0	50.3	
9 Bis(2-chloroethyl)ether	93	4.251	4.251	0.000	83	34168	50.0	51.5	
10 Benzonitrile	103	4.275	4.275	0.000	93	72431	NC	NC	
11 2-Chlorophenol	128	4.316	4.316	0.000	91	43816	50.0	49.1	
12 n-Decane	43	4.363	4.363	0.000	90	71792	50.0	52.1	
13 1,3-Dichlorobenzene	146	4.463	4.463	0.000	96	47720	50.0	50.5	
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	23961	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.528	4.528	0.000	92	49096	50.0	50.9	
16 Benzyl alcohol	108	4.640	4.640	0.000	90	24204	50.0	47.4	
17 1,2-Dichlorobenzene	146	4.675	4.675	0.000	92	45255	50.0	49.7	
18 2-Methylphenol	108	4.745	4.745	0.000	82	34556	50.0	49.2	
19 2,2'-oxybis[1-chloropropane]	45	4.769	4.769	0.000	88	93939	50.0	51.1	a
20 N-Methylaniline	106	4.887	4.887	0.000	66	58858	50.0	48.7	
22 N-Nitrosodi-n-propylamine	70	4.892	4.892	0.000	81	23883	50.0	50.7	
21 Acetophenone	105	4.892	4.892	0.000	74	54674	50.0	48.6	
23 3 & 4 Methylphenol	108	4.892	4.892	0.000	67	40663	50.0	49.6	
24 4-Methylphenol	108	4.892	4.892	0.000	71	40663	50.0	49.6	
25 Hexachloroethane	117	4.998	4.998	0.000	90	17477	50.0	51.5	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	88	36951	50.0	49.4	
28 Nitrobenzene	123	5.057	5.057	0.000	75	20563	50.0	52.4	
27 n,n'-Dimethylaniline	120	5.057	5.057	0.000	83	62564	50.0	49.9	
31 Isophorone	82	5.281	5.281	0.000	91	62808	50.0	50.3	
32 2-Nitrophenol	139	5.357	5.357	0.000	88	24310	50.0	52.8	
33 2,4-Dimethylphenol	122	5.398	5.398	0.000	87	36530	50.0	49.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.481	5.481	0.000	93	40226	50.0	49.6	
35 Benzoic acid	122	5.498	5.498	0.000	88	23894	50.0	44.9	
36 2,4-Dichlorophenol	162	5.587	5.587	0.000	94	35308	50.0	51.9	
37 1,2,4-Trichlorobenzene	180	5.669	5.669	0.000	94	39427	50.0	53.1	
* 38 Naphthalene-d8	136	5.722	5.722	0.000	97	95642	40.0	40.0	
39 Naphthalene	128	5.739	5.739	0.000	98	123000	50.0	50.3	
40 4-Chloroaniline	127	5.787	5.787	0.000	85	52839	50.0	50.1	
130 2,6-Dichlorophenol	162	5.798	5.798	0.000	91	34819	NC	NC	
41 Hexachlorobutadiene	225	5.863	5.863	0.000	91	22810	50.0	52.0	
42 Caprolactam	113	6.110	6.110	0.000	76	4101	20.0	21.4	M
43 4-Chloro-3-methylphenol	107	6.251	6.251	0.000	91	33306	50.0	50.8	
44 2-Methylnaphthalene	142	6.392	6.392	0.000	79	83277	50.0	50.0	
45 1-Methylnaphthalene	142	6.486	6.486	0.000	80	77711	50.0	49.9	
46 Hexachlorocyclopentadiene	237	6.551	6.551	0.000	84	28281	50.0	52.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.557	6.557	0.000	91	37945	50.0	51.4	
48 2-tertbutyl-4-methylphenol	149	6.586	6.586	0.000	70	51529	50.0	50.3	
49 2,4,6-Trichlorophenol	196	6.663	6.663	0.000	88	25518	50.0	51.8	
50 2,4,5-Trichlorophenol	196	6.698	6.698	0.000	88	28313	50.0	49.7	
$ 51 2-Fluorobiphenyl	172	6.739	6.739	0.000	90	88262	50.0	50.7	
52 1,1'-Biphenyl	154	6.834	6.834	0.000	95	98673	50.0	50.3	
53 2-Chloronaphthalene	162	6.857	6.857	0.000	97	75680	50.0	50.4	
54 Phenyl ether	170	6.934	6.934	0.000	85	51053	50.0	51.5	
56 2-Nitroaniline	65	6.945	6.945	0.000	91	25725	50.0	49.3	
57 1,3-Dimethylnaphthalene	156	7.063	7.063	0.000	89	59302	50.0	50.9	
58 Dimethyl phthalate	163	7.122	7.122	0.000	98	87351	50.0	49.3	
59 Coumarin	146	7.145	7.145	0.000	73	29244	50.0	49.7	
60 2,6-Dinitrotoluene	165	7.175	7.175	0.000	7	19910	50.0	51.9	
61 Acenaphthylene	152	7.245	7.245	0.000	97	114657	50.0	50.0	
64 3-Nitroaniline	138	7.333	7.333	0.000	92	22353	50.0	48.9	
* 65 Acenaphthene-d10	164	7.381	7.381	0.000	94	47503	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.398	7.398	0.000	97	66630	50.0	50.7	
67 Acenaphthene	154	7.410	7.410	0.000	92	84688	50.0	50.7	
68 2,4-Dinitrophenol	184	7.433	7.433	0.000	61	25279	100.0	93.1	a
69 4-Nitrophenol	65	7.504	7.504	0.000	86	32231	100.0	96.2	
70 2,4-Dinitrotoluene	165	7.557	7.557	0.000	90	27086	50.0	51.3	
71 Dibenzofuran	168	7.575	7.575	0.000	90	104792	50.0	50.4	
72 2,3,4,6-Tetrachlorophenol	232	7.692	7.692	0.000	93	22790	50.0	49.9	
73 Diethyl phthalate	149	7.786	7.786	0.000	97	88592	50.0	48.9	
74 4-Chlorophenyl phenyl ether	204	7.892	7.892	0.000	71	40306	50.0	51.0	
75 Fluorene	166	7.892	7.892	0.000	81	85570	50.0	50.7	
76 4-Nitroaniline	138	7.916	7.916	0.000	87	23964	50.0	49.2	
77 4,6-Dinitro-2-methylphenol	198	7.945	7.945	0.000	68	31614	100.0	105.1	
78 N-Nitrosodiphenylamine	169	8.004	8.004	0.000	96	61686	50.0	50.0	
79 1,2-Diphenylhydrazine	77	8.039	8.039	0.000	87	64517	50.0	48.5	
$ 80 2,4,6-Tribromophenol	330	8.122	8.122	0.000	92	17172	50.0	53.3	
81 4-Bromophenyl phenyl ether	248	8.351	8.351	0.000	89	25250	50.0	50.8	
83 Hexachlorobenzene	284	8.422	8.422	0.000	93	31306	50.0	53.3	
84 Atrazine	200	8.504	8.504	0.000	84	10061	20.0	20.6	
85 Pentachlorophenol	266	8.604	8.604	0.000	86	36498	100.0	98.7	
86 Pentachloronitrobenzene	237	8.622	8.622	0.000	88	13182	50.0	51.2	
87 n-Octadecane	57	8.680	8.680	0.000	91	67282	50.0	49.3	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	84853	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.798	8.798	0.000	97	125700	50.0	49.4	
90 Anthracene	178	8.845	8.845	0.000	98	132816	50.0	50.6	
91 Carbazole	167	8.998	8.998	0.000	83	116786	50.0	49.8	
92 Di-n-butyl phthalate	149	9.327	9.327	0.000	99	150265	50.0	49.9	
93 Fluoranthene	202	9.922	9.922	0.000	98	140346	50.0	50.6	
94 Benzidine	184	10.045	10.045	0.000	98	77840	50.0	49.7	
95 Pyrene	202	10.133	10.133	0.000	97	142564	50.0	49.2	
82 Bisphenol-A	213	10.180	10.180	0.000	92	69022	50.0	48.8	
$ 96 Terphenyl-d14	244	10.286	10.286	0.000	99	99724	50.0	50.0	
97 Butyl benzyl phthalate	149	10.786	10.786	0.000	91	64693	50.0	49.7	
98 2,3,7,8-TCDD	320	10.892	10.892	0.000	1	211	0.5000	0.4791	
99 Carbamazepine	193	10.904	10.904	0.000	91	62487	50.0	52.4	
100 3,3'-Dichlorobenzidine	252	11.374	11.374	0.000	99	52085	50.0	49.4	
101 Benzo[a]anthracene	228	11.404	11.404	0.000	98	134883	50.0	49.2	
* 102 Chrysene-d12	240	11.416	11.416	0.000	96	77064	40.0	40.0	
103 Chrysene	228	11.445	11.445	0.000	95	130486	50.0	50.2	
104 Bis(2-ethylhexyl) phthalate	149	11.451	11.451	0.000	85	95330	50.0	50.3	
105 Di-n-octyl phthalate	149	12.292	12.292	0.000	93	169287	50.0	50.0	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	90	143358	50.0	48.6	
107 Benzo[k]fluoranthene	252	12.839	12.839	0.000	94	148902	50.0	50.4	
108 Benzo[a]pyrene	252	13.251	13.251	0.000	95	127425	50.0	50.4	
* 109 Perylene-d12	264	13.333	13.333	0.000	98	96200	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.933	14.933	0.000	99	161866	50.0	52.0	
111 Dibenz(a,h)anthracene	278	14.968	14.968	0.000	95	151629	50.0	51.3	
112 Benzo[g,h,i]perylene	276	15.386	15.386	0.000	90	150770	50.0	49.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00001 Amount Added: 1.00 Units: mL

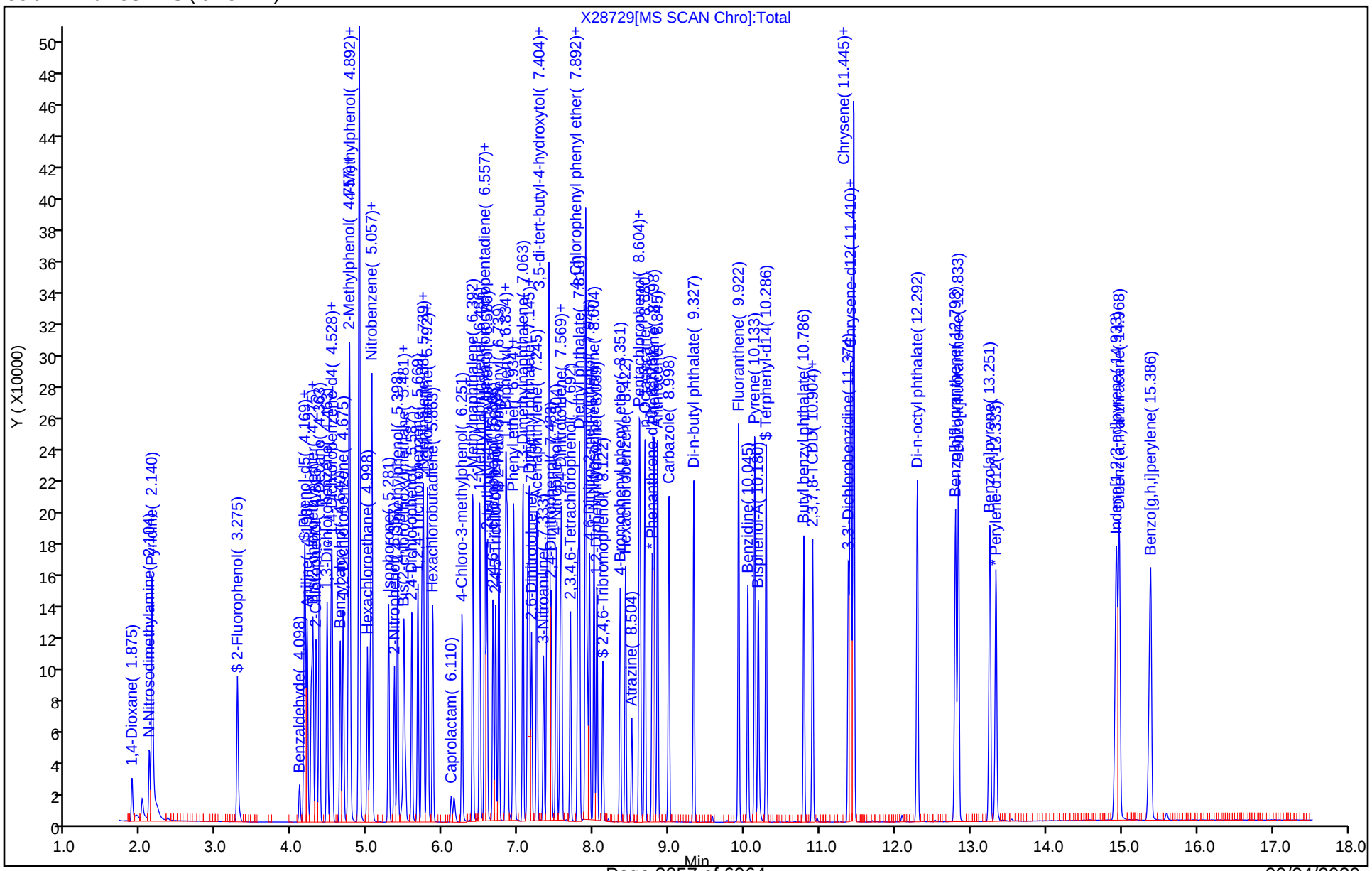
Report Date: 01-Sep-2020 19:31:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28729.d

Injection Date:	01-Sep-2020 13:13:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

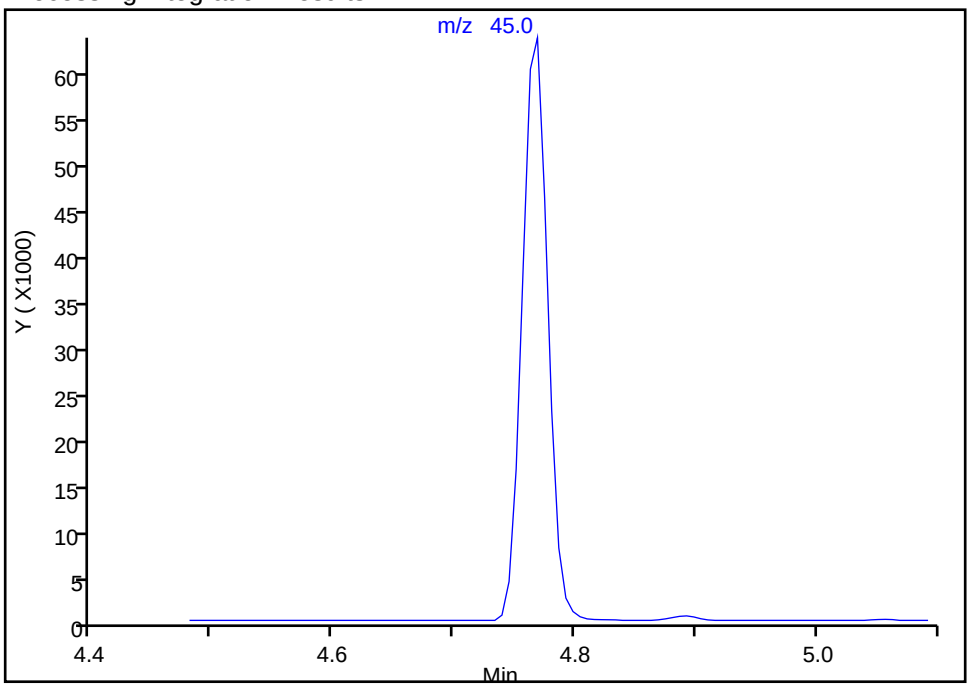
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28729.d				
Injection Date:	01-Sep-2020 13:13:30	Instrument ID:	CBNAMS5		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

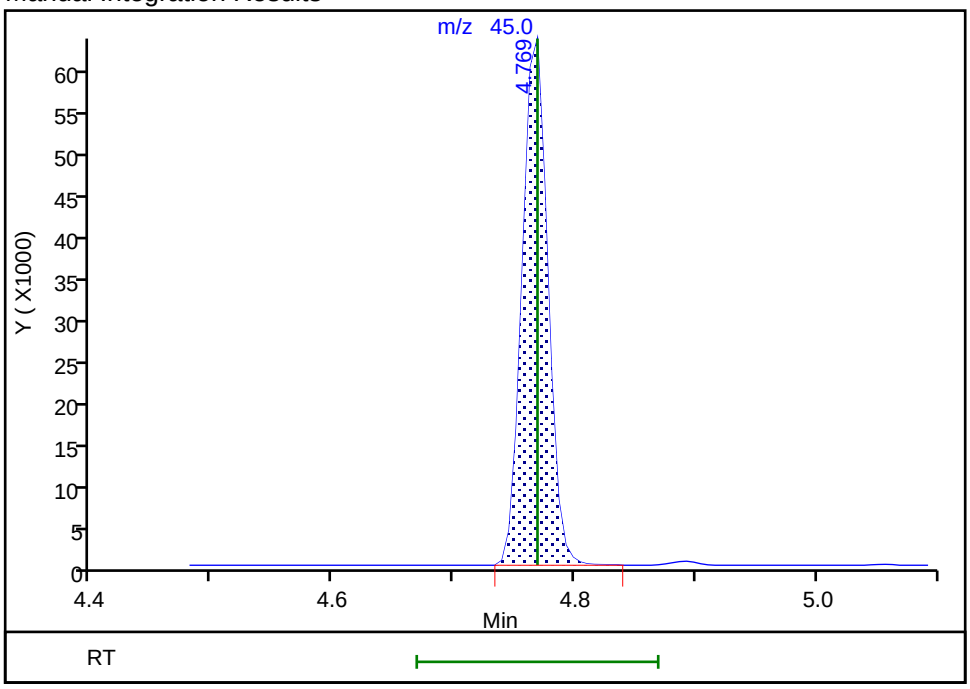
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.77
Area: 93939
Amount: 51.141675
Amount Units: ug/ml



Reviewer: nimerd, 01-Sep-2020 13:33:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

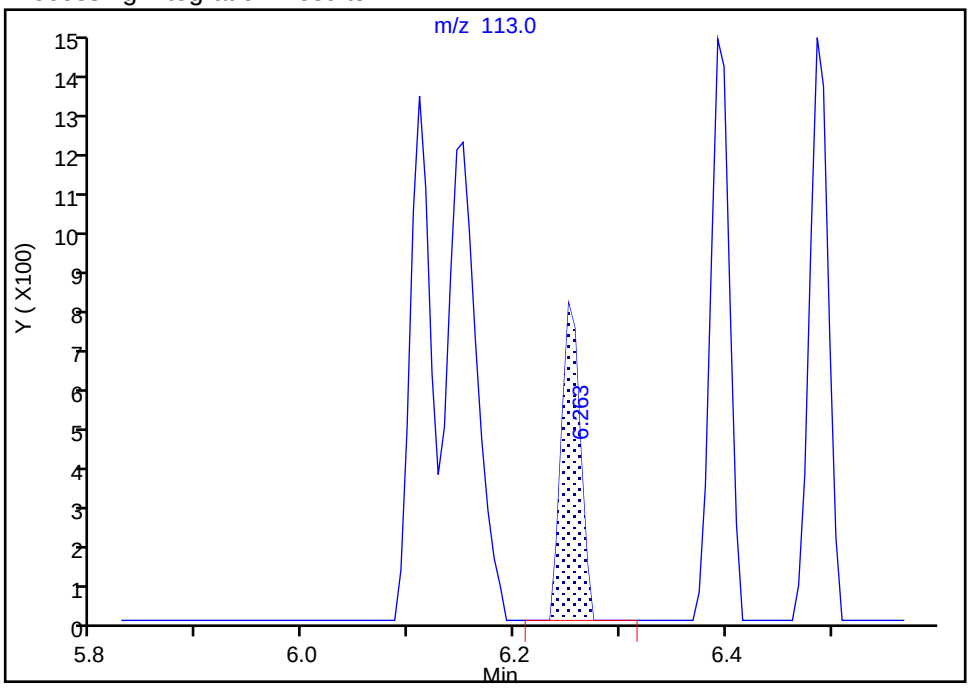
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28729.d
Injection Date: 01-Sep-2020 13:13:30 Instrument ID: CBNAMS5
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

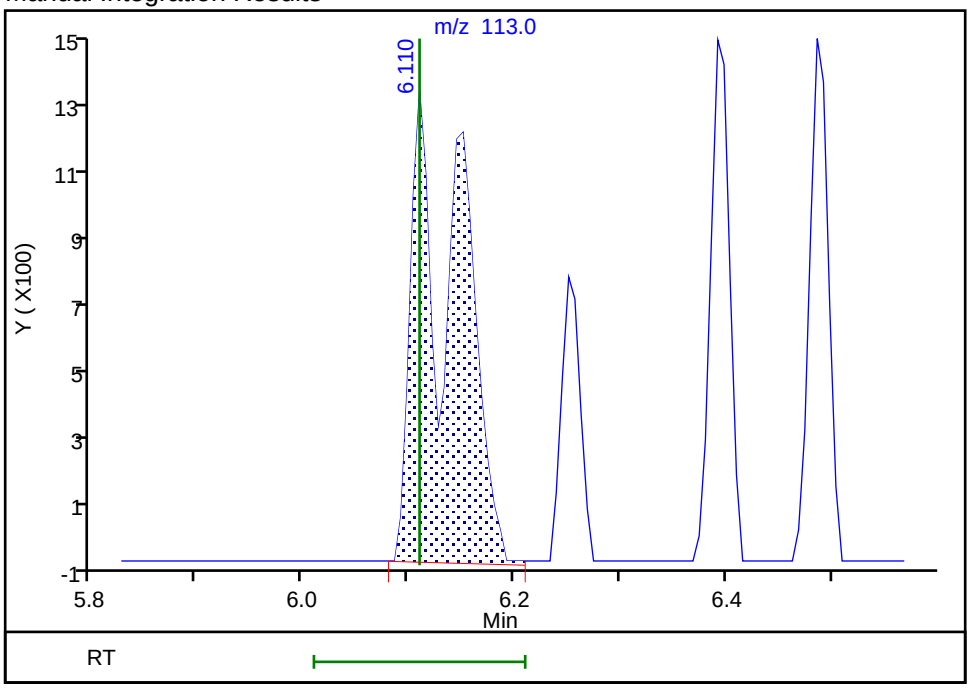
Processing Integration Results

RT: 6.26
Area: 991
Amount: 5.169763
Amount Units: ug/ml



Manual Integration Results

RT: 6.11
Area: 4101
Amount: 21.393741
Amount Units: ug/ml



Reviewer: nimerd, 01-Sep-2020 13:33:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

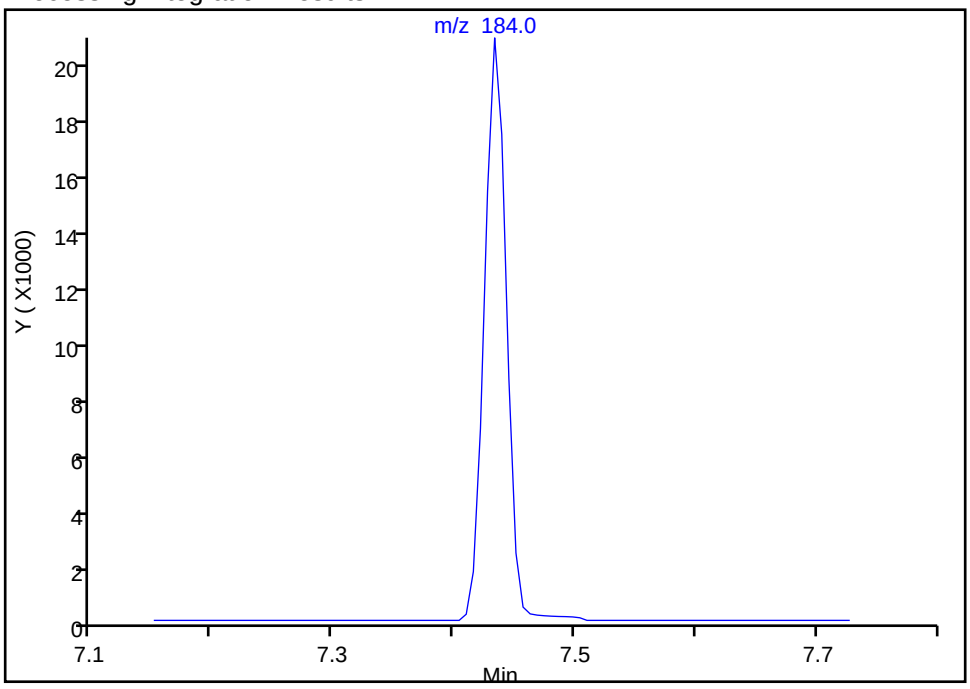
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28729.d
Injection Date: 01-Sep-2020 13:13:30 Instrument ID: CBNAMS5
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

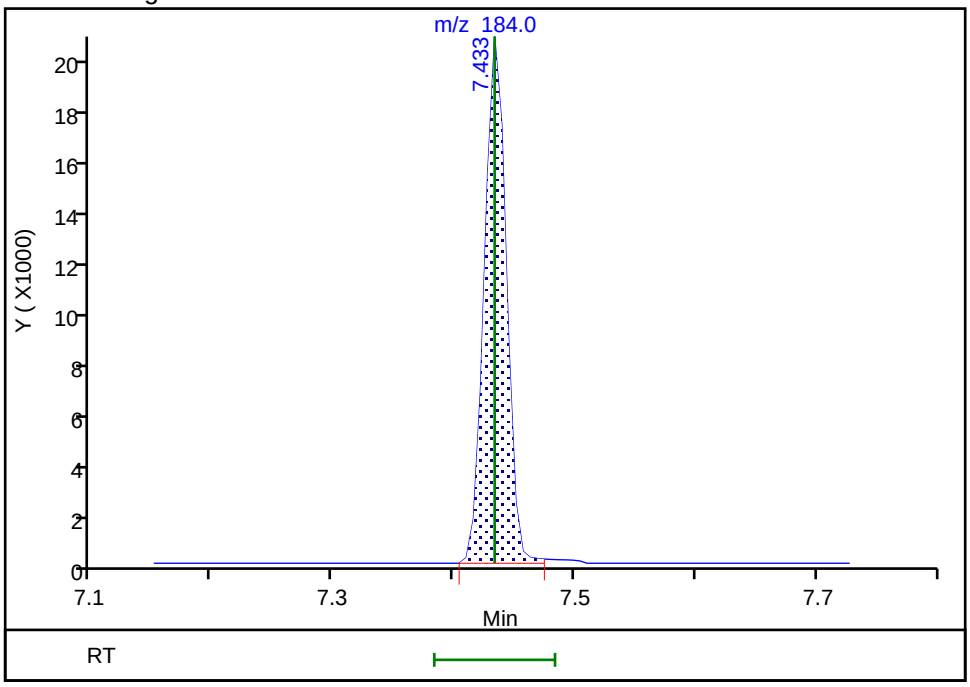
Not Detected
Expected RT: 7.43

Processing Integration Results



Manual Integration Results

RT: 7.43
Area: 25279
Amount: 93.060893
Amount Units: ug/ml



Reviewer: nimerd, 01-Sep-2020 13:33:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 12-Aug-2020 15:35:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114935-001
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 13-Aug-2020 07:52:15 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 12-Aug-2020 15:46:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.446	4.446	0.000	94	324883	NR	NR	
56 Benzidine_T	184	5.699	5.699	0.000	99	1745766	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.857	5.857	0.000	84	1734		NR	
126 4,4'-DDD	235	6.128	6.128	0.000	97	19745		NR	a
127 4,4'-DDT	235	6.375	6.375	0.000	99	844531	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

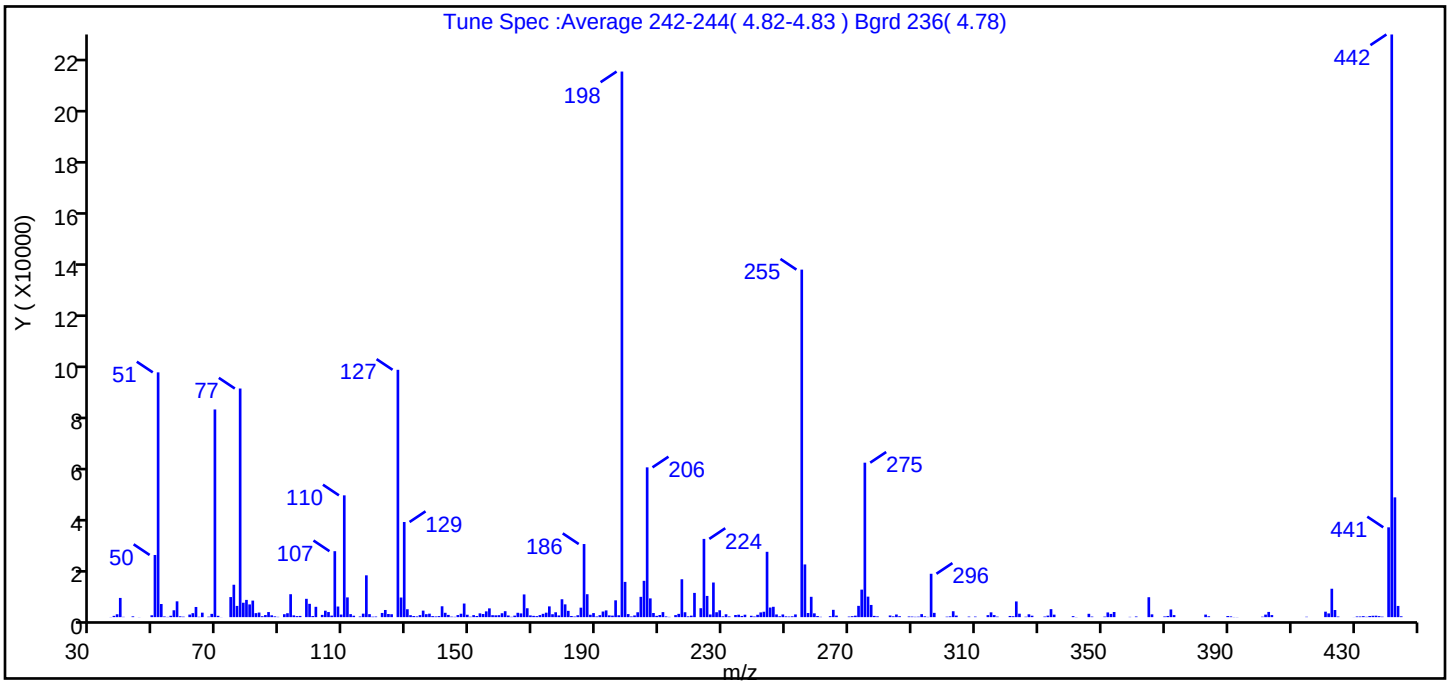
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d
Injection Date: 12-Aug-2020 15:35:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (93.6)
51	10-80% of the base peak	44.9
68	<2% of mass 69	0.6 (1.6)
69	Present	38.1
70	<2% of mass 69	0.2 (0.6)
127	10-80% of the base peak	45.3
197	<2% of mass 198	0.3
199	5-9% of mass 198	6.5
275	10-60% of the base peak	28.3
365	>1% of mass 198	3.7
441	present but <24% of mass 442	16.5 (15.4)
442	base peak, or >50% of 198	106.8
443	15-24% of mass 442	22.0 (20.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d\8270_11R_9.rslt\spectra.d
Injection Date: 12-Aug-2020 15:35:30
Spectrum: Tune Spec :Average 242-244(4.82-4.83) Bgrd 236(4.78)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 299

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	61	127.00	96064	202.00	660	292.00	192
37.00	504	128.00	7622	203.00	1892	293.00	1171
38.00	1110	129.00	36952	204.00	7880	294.00	319
39.00	7466	130.00	3073	205.00	14106	295.00	103
40.00	121	131.00	765	206.00	58176	296.00	16848
43.00	312	132.00	421	207.00	7287	297.00	1664
45.00	43	133.00	287	208.00	1606	301.00	183
49.00	717	134.00	781	209.00	507	302.00	296
50.00	24144	135.00	2536	210.00	834	303.00	2293
51.00	95072	136.00	1149	211.00	1957	304.00	599
52.00	5100	137.00	1347	212.00	279	308.00	221
53.00	262	138.00	398	213.00	102	310.00	225
54.00	88	139.00	269	215.00	793	314.00	779
55.00	531	140.00	405	216.00	1273	315.00	1868
56.00	2665	141.00	4225	217.00	14717	316.00	799
57.00	6145	142.00	1692	218.00	1902	317.00	209
58.00	314	143.00	869	219.00	315	321.00	454
59.00	192	144.00	201	220.00	577	322.00	352
61.00	992	145.00	124	221.00	9416	323.00	6104
62.00	1546	146.00	810	223.00	3473	324.00	1336
63.00	3951	147.00	1327	224.00	30392	326.00	168
64.00	140	148.00	5285	225.00	8239	327.00	1112
65.00	1736	149.00	929	226.00	1034	328.00	553
67.00	182	150.00	163	227.00	13449	332.00	232
68.00	1274	151.00	783	228.00	1907	333.00	596
69.00	80664	152.00	446	229.00	2671	334.00	3103
70.00	517	153.00	1476	230.00	311	335.00	967
71.00	38	154.00	1216	231.00	1111	341.00	394
74.00	7793	155.00	2250	232.00	283	342.00	59
75.00	12585	156.00	3411	234.00	825	346.00	1298
76.00	4361	157.00	758	235.00	950	347.00	224
77.00	88792	158.00	704	236.00	465	351.00	210
78.00	5596	159.00	759	237.00	946	352.00	1836

Report Date: 13-Aug-2020 07:52:16 Chrom Revision: 2.3 30-Jun-2020 12:05:54
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d\8270_11R_9.rslt\spectra.d
Injection Date: 12-Aug-2020 15:35:30
Spectrum: Tune Spec :Average 242-244(4.82-4.83) Bgrd 236(4.78)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 299

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	6699	160.00	1522	239.00	535	353.00	1254
80.00	4946	161.00	2311	240.00	250	354.00	1998
81.00	6424	162.00	647	241.00	910	359.00	107
82.00	1558	163.00	131	242.00	1843	361.00	261
83.00	1783	164.00	585	243.00	2092	365.00	7738
84.00	358	165.00	1691	244.00	25376	366.00	1088
85.00	805	166.00	1461	245.00	3733	370.00	272
86.00	1972	167.00	8825	246.00	4018	371.00	457
87.00	712	168.00	3454	247.00	1046	372.00	2983
88.00	301	169.00	679	248.00	336	373.00	790
89.00	116	170.00	507	249.00	1044	383.00	986
91.00	1138	171.00	396	250.00	301	384.00	335
92.00	1523	172.00	793	251.00	233	390.00	431
93.00	8909	173.00	1289	252.00	326	391.00	289
94.00	691	174.00	1730	253.00	1056	392.00	61
95.00	402	175.00	4186	255.00	134976	393.00	51
96.00	477	176.00	1131	256.00	20472	401.00	182
98.00	7117	177.00	1893	257.00	1598	402.00	976
99.00	5168	178.00	663	258.00	7898	403.00	2027
100.00	426	179.00	6949	259.00	1477	404.00	800
101.00	4014	180.00	4970	260.00	429	415.00	148
103.00	870	181.00	2445	261.00	121	421.00	2122
104.00	2509	182.00	450	264.00	378	422.00	1449
105.00	1979	183.00	231	265.00	2844	423.00	11034
106.00	597	184.00	741	266.00	599	424.00	2767
107.00	25616	185.00	3675	270.00	225	425.00	233
108.00	4122	186.00	28392	271.00	369	430.00	24
109.00	1002	187.00	8902	272.00	568	431.00	272
110.00	47304	188.00	925	273.00	4384	432.00	256
111.00	7670	189.00	1579	274.00	10692	433.00	381
112.00	1170	190.00	260	275.00	59992	434.00	136
113.00	547	191.00	764	276.00	7960	435.00	444
115.00	257	192.00	2183	277.00	4736	436.00	529
116.00	1353	193.00	2612	278.00	484	437.00	560

Report Date: 13-Aug-2020 07:52:16 Chrom Revision: 2.3 30-Jun-2020 12:05:54
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d\8270_11R_9.rslt\spectra.d
Injection Date: 12-Aug-2020 15:35:30
Spectrum: Tune Spec :Average 242-244(4.82-4.83) Bgrd 236(4.78)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 299

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	16245	194.00	688	279.00	310	438.00	390
118.00	1167	195.00	591	283.00	642	439.00	196
119.00	191	196.00	6530	284.00	324	441.00	34888
120.00	241	197.00	716	285.00	1030	442.00	226304
122.00	1626	198.00	211904	286.00	368	443.00	46520
123.00	2782	199.00	13692	289.00	269	444.00	4350
124.00	1220	200.00	1196	290.00	220	445.00	322
125.00	1134	201.00	268	291.00	138		

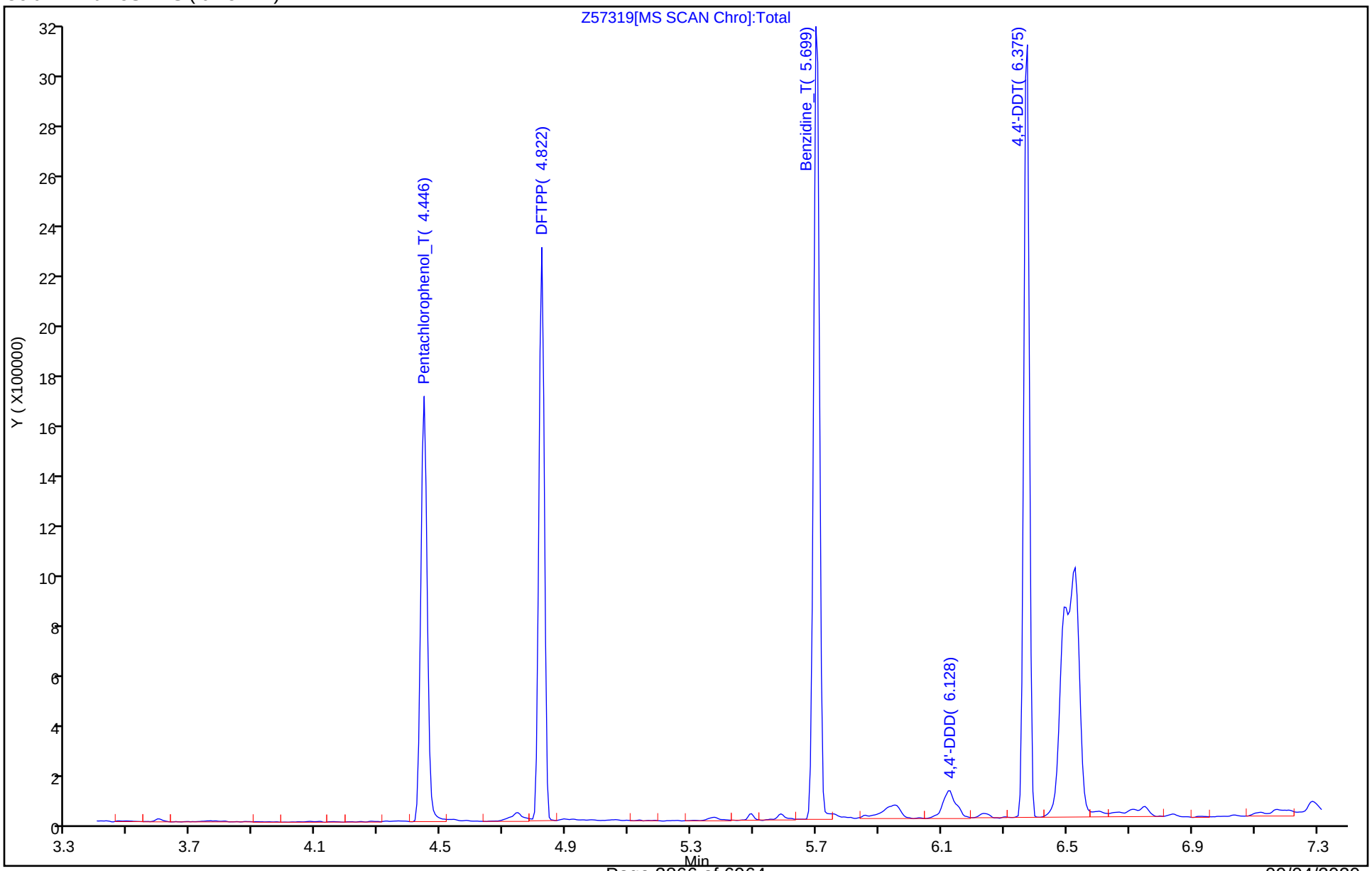
Report Date: 13-Aug-2020 07:52:16 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d

Injection Date:	12-Aug-2020 15:35:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d
Injection Date: 12-Aug-2020 15:35:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

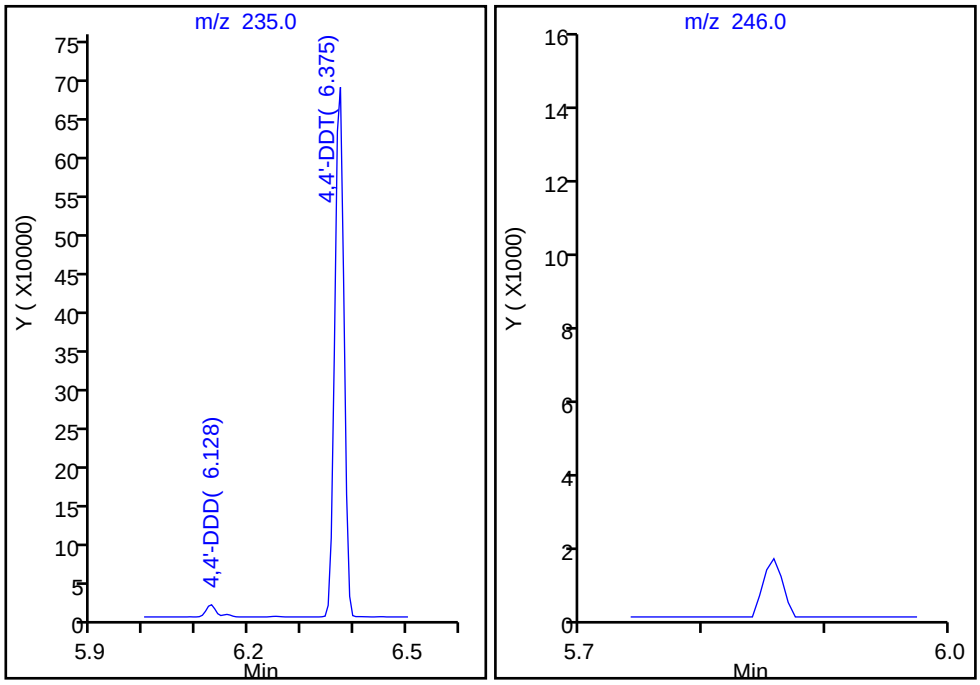
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 844531
126 4,4'-DDD, Area = 19745
125 4,4'-DDE, Area = 1734

%Breakdown: 2.48%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

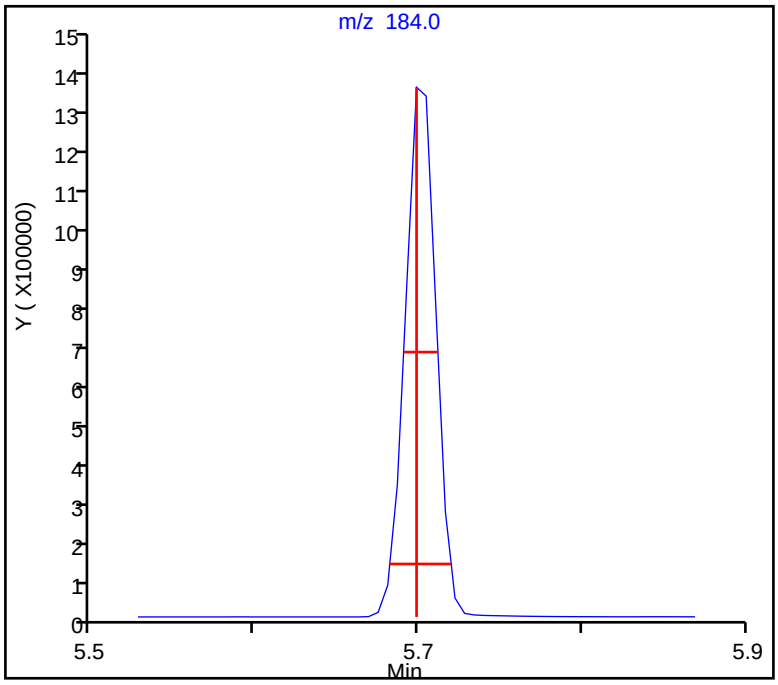
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d
Injection Date: 12-Aug-2020 15:35:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

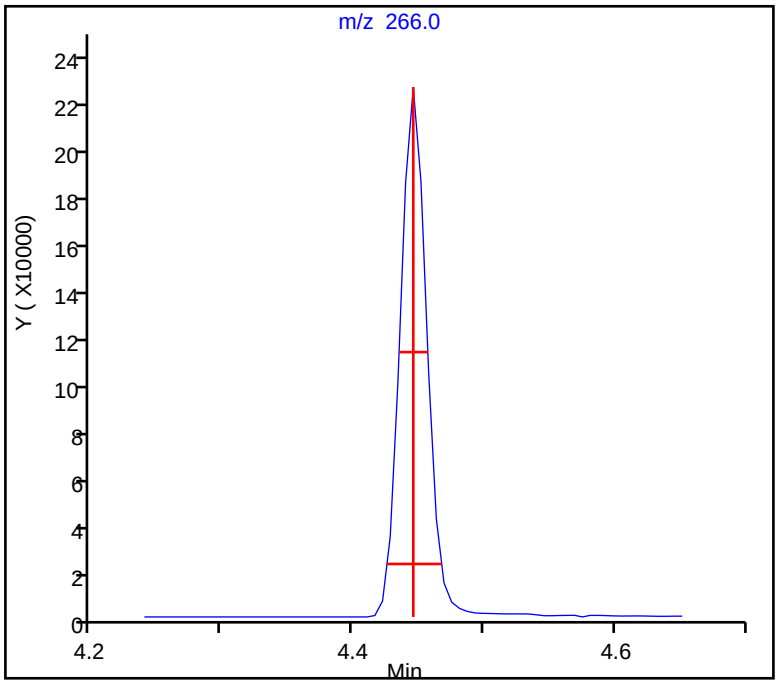
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57319.d
Injection Date: 12-Aug-2020 15:35:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Aug-2020 00:34:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-001
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:16:14 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:21:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.304	4.304	0.000	94	219495	NR	NR	
56 Benzidine_T	184	5.563	5.563	0.000	99	1939423	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.710	5.710	0.000	88	2586		NR	
126 4,4'-DDD	235	5.981	5.981	0.000	97	92233		NR	
127 4,4'-DDT	235	6.222	6.222	0.000	98	827749	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

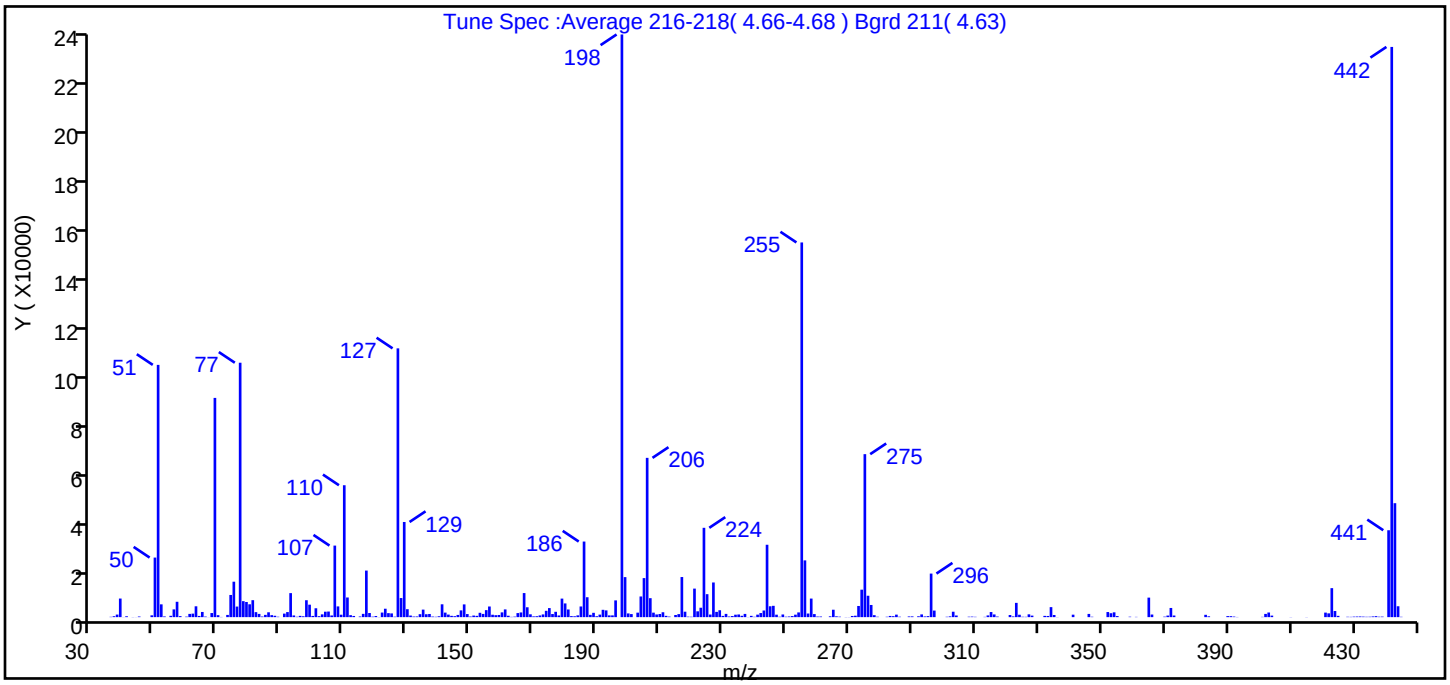
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d
Injection Date: 29-Aug-2020 00:34:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (102.2)
51	10-80% of the base peak	43.3
68	<2% of mass 69	0.7 (1.9)
69	Present	37.6
70	<2% of mass 69	0.3 (0.9)
127	10-80% of the base peak	46.1
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.9
275	10-60% of the base peak	28.0
365	>1% of mass 198	3.4
441	present but <24% of mass 442	14.9 (15.2)
442	base peak, or >50% of 198	97.9
443	15-24% of mass 442	19.6 (20.0)

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d\8270_11R_9.rslt\spectra.d
Injection Date: 29-Aug-2020 00:34:30
Spectrum: Tune Spec :Average 216-218(4.66-4.68) Bgrd 211(4.63)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 316

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	131	124.00	1650	205.00	16053	293.00	1123
37.00	381	125.00	1534	206.00	65488	294.00	281
38.00	1055	126.00	184	207.00	7798	295.00	419
39.00	7644	127.00	110504	208.00	1846	296.00	17912
40.00	42	128.00	7850	209.00	1105	297.00	2699
41.00	364	129.00	39120	210.00	1290	301.00	152
43.00	53	130.00	3270	211.00	2013	302.00	318
44.00	31	131.00	655	212.00	531	303.00	2227
45.00	260	132.00	242	213.00	228	304.00	675
49.00	742	133.00	278	215.00	881	308.00	180
50.00	24488	134.00	1221	216.00	1241	309.00	218
51.00	103712	135.00	3095	217.00	16488	310.00	135
52.00	5262	136.00	1192	218.00	2238	313.00	113
53.00	286	137.00	1299	219.00	210	314.00	705
55.00	550	138.00	240	220.00	163	315.00	2096
56.00	3193	139.00	148	221.00	11735	316.00	1106
57.00	6317	140.00	359	222.00	2395	317.00	242
58.00	422	141.00	5283	223.00	3868	321.00	867
60.00	208	142.00	1861	224.00	36728	322.00	295
61.00	1333	143.00	1050	225.00	9442	323.00	5867
62.00	1444	144.00	540	226.00	1072	324.00	989
63.00	4462	145.00	395	227.00	14251	325.00	161
64.00	495	146.00	907	228.00	2163	326.00	133
65.00	2129	147.00	2780	229.00	2835	327.00	1158
66.00	230	148.00	5243	230.00	513	328.00	626
67.00	33	149.00	1263	231.00	1336	332.00	521
68.00	1685	150.00	260	232.00	262	333.00	481
69.00	90136	151.00	653	233.00	450	334.00	4116
70.00	811	152.00	535	234.00	1009	335.00	879
71.00	80	153.00	1788	235.00	1099	336.00	50
73.00	915	154.00	1325	236.00	562	341.00	1016
74.00	9122	155.00	2881	237.00	1328	346.00	1326
75.00	14574	156.00	4378	238.00	51	347.00	163

Report Date: 31-Aug-2020 11:16:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d\8270_11R_9.rslt\spectra.d
Injection Date: 29-Aug-2020 00:34:30
Spectrum: Tune Spec :Average 216-218(4.66-4.68) Bgrd 211(4.63)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 316

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	4349	157.00	985	239.00	531	352.00	2098
77.00	104600	158.00	807	240.00	142	353.00	1614
78.00	6572	159.00	890	241.00	1024	354.00	1979
79.00	6224	160.00	1958	242.00	1683	355.00	438
80.00	5287	161.00	3176	243.00	2729	359.00	177
81.00	6974	162.00	578	244.00	29760	361.00	109
82.00	2058	163.00	114	245.00	4474	365.00	8025
83.00	1331	164.00	213	246.00	4653	366.00	1075
84.00	248	165.00	1669	247.00	1009	370.00	201
85.00	933	166.00	1929	248.00	163	371.00	643
86.00	1990	167.00	9897	249.00	1098	372.00	3774
87.00	820	168.00	4057	250.00	176	373.00	665
88.00	565	169.00	1164	251.00	269	383.00	959
89.00	169	170.00	311	252.00	437	384.00	340
91.00	1448	171.00	382	253.00	1019	390.00	426
92.00	2078	172.00	698	254.00	1939	391.00	397
93.00	9877	173.00	1116	255.00	154048	392.00	234
94.00	695	174.00	2601	256.00	23336	393.00	72
95.00	159	175.00	3723	257.00	1484	401.00	115
96.00	526	176.00	1274	258.00	7637	402.00	1327
97.00	344	177.00	2200	259.00	1258	403.00	1904
98.00	6954	178.00	687	260.00	246	404.00	631
99.00	5125	179.00	7623	261.00	252	410.00	55
100.00	496	180.00	5637	264.00	340	415.00	52
101.00	3653	181.00	3155	265.00	3051	421.00	1862
102.00	398	182.00	427	266.00	333	422.00	1556
103.00	1146	183.00	358	267.00	197	423.00	11920
104.00	2241	184.00	730	269.00	60	424.00	2515
105.00	2304	185.00	4387	270.00	51	425.00	532
106.00	684	186.00	31080	271.00	480	428.00	150
107.00	29416	187.00	8182	272.00	586	429.00	120
108.00	4414	188.00	943	273.00	4591	430.00	210
109.00	998	189.00	1779	274.00	11297	431.00	248
110.00	54232	190.00	374	275.00	67008	432.00	276

Report Date: 31-Aug-2020 11:16:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d\8270_11R_9.rslt\spectra.d
Injection Date: 29-Aug-2020 00:34:30
Spectrum: Tune Spec :Average 216-218(4.66-4.68) Bgrd 211(4.63)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 316

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	8081	191.00	1041	276.00	8796	433.00	214
112.00	814	192.00	3012	277.00	5002	434.00	152
113.00	484	193.00	2771	278.00	807	435.00	173
115.00	268	194.00	720	279.00	171	436.00	289
116.00	1350	195.00	719	282.00	155	437.00	405
117.00	19144	196.00	6888	283.00	490	438.00	185
118.00	1698	198.00	239552	284.00	395	439.00	219
119.00	196	199.00	16456	285.00	1031	441.00	35728
120.00	460	200.00	1524	286.00	180	442.00	234432
121.00	53	201.00	1257	289.00	289	443.00	46848
122.00	1880	203.00	1847	290.00	308	444.00	4479
123.00	3463	204.00	8498	292.00	358	445.00	140

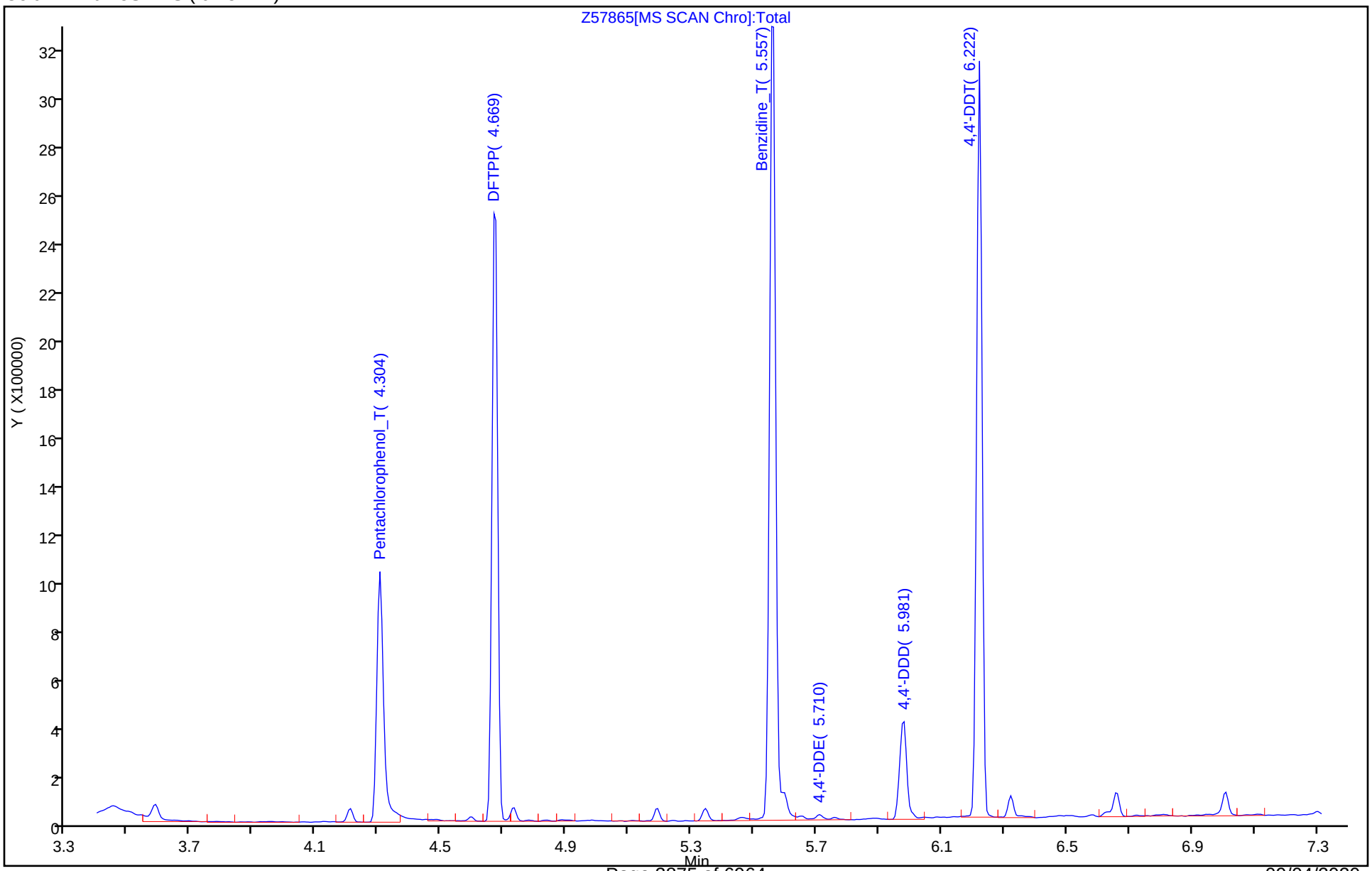
Report Date: 31-Aug-2020 11:16:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d

Injection Date:	29-Aug-2020 00:34:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d
Injection Date: 29-Aug-2020 00:34:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

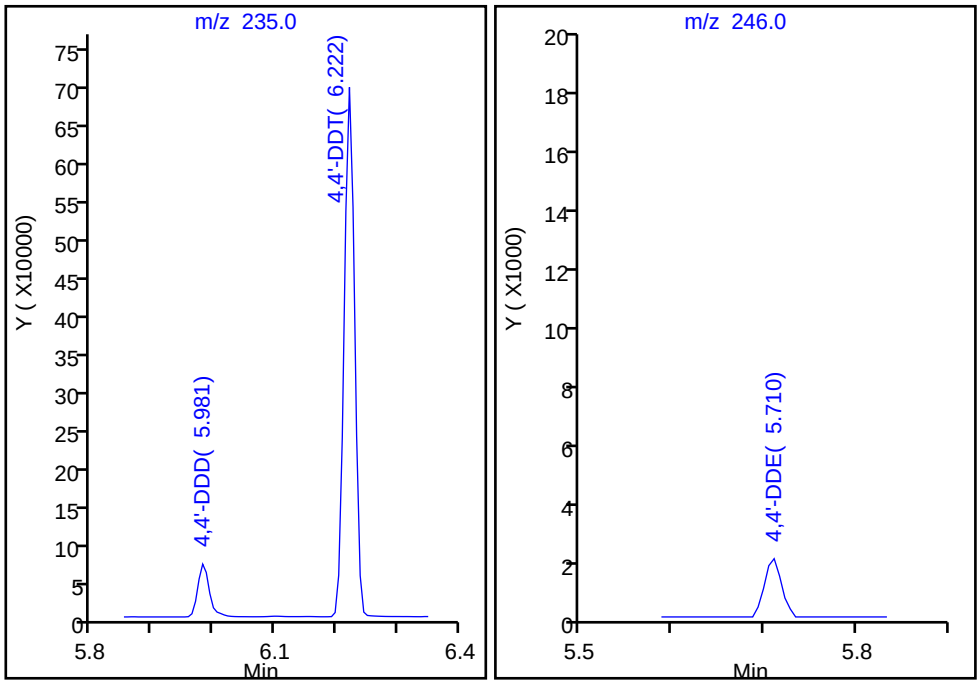
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 827749
126 4,4'-DDD, Area = 92233
125 4,4'-DDE, Area = 2586

%Breakdown: 10.28%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

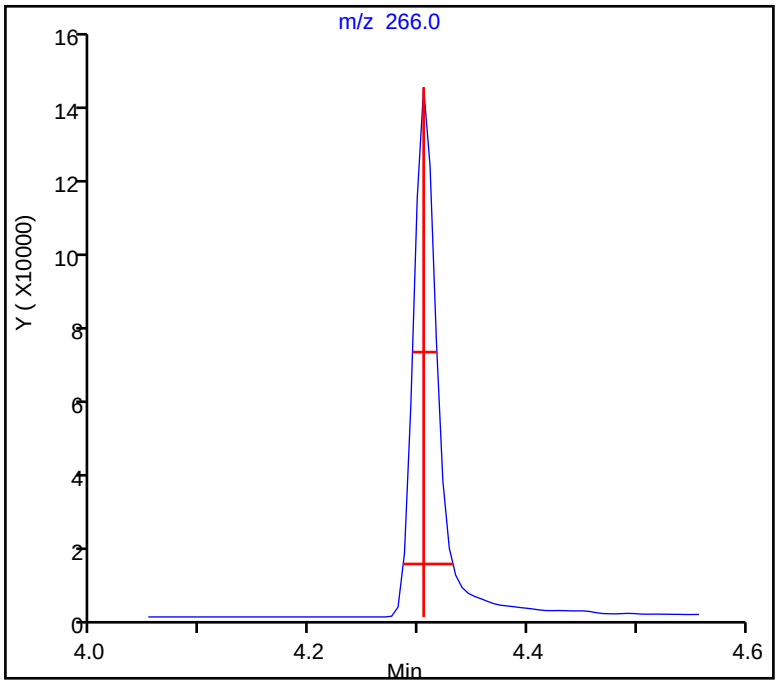
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d
Injection Date: 29-Aug-2020 00:34:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.027 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

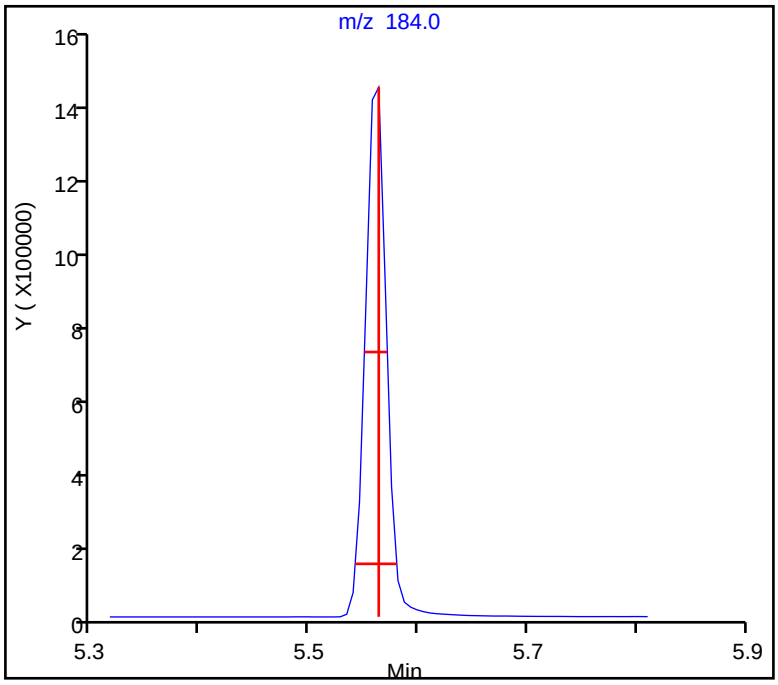
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57865.d
Injection Date: 29-Aug-2020 00:34:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 01-Sep-2020 21:49:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116134-001
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:18:55 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: eisam Date: 01-Sep-2020 21:59:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.246	4.246	0.000	94	276606	NR	NR	
56 Benzidine_T	184	5.504	5.504	0.000	99	1491801	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.652	5.652	0.000	88	2989		NR	
126 4,4'-DDD	235	5.928	5.928	0.000	98	25114		NR	
127 4,4'-DDT	235	6.169	6.169	0.000	98	874436	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

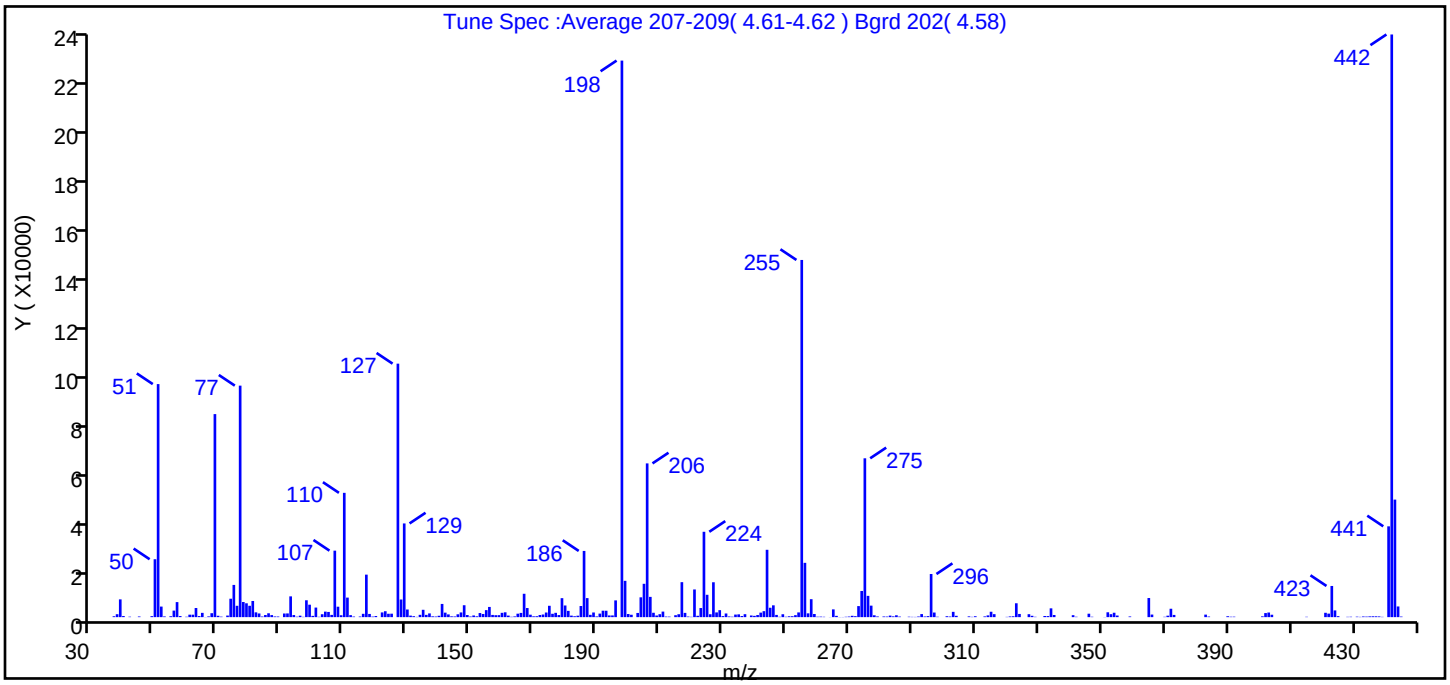
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d
Injection Date: 01-Sep-2020 21:49:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (95.5)
51	10-80% of the base peak	41.9
68	<2% of mass 69	0.7 (1.9)
69	Present	36.5
70	<2% of mass 69	0.2 (0.7)
127	10-80% of the base peak	45.5
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.5
275	10-60% of the base peak	28.5
365	>1% of mass 198	3.4
441	present but <24% of mass 442	16.3 (15.6)
442	base peak, or >50% of 198	104.7
443	15-24% of mass 442	21.1 (20.2)

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d\8270_11R_9.rslt\spectra.d
Injection Date: 01-Sep-2020 21:49:30
Spectrum: Tune Spec :Average 207-209(4.61-4.62) Bgrd 202(4.58)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	363	127.00	103104	207.00	8244	291.00	100
38.00	1191	128.00	7171	208.00	1778	292.00	261
39.00	7227	129.00	38112	209.00	668	293.00	1246
40.00	448	130.00	3113	210.00	1196	294.00	258
42.00	185	131.00	624	211.00	2258	295.00	416
44.00	7	132.00	385	212.00	227	296.00	17544
45.00	269	133.00	108	213.00	216	297.00	1873
49.00	400	134.00	941	215.00	783	298.00	167
50.00	23552	135.00	2992	216.00	1179	301.00	372
51.00	94792	136.00	922	217.00	14226	302.00	242
52.00	4298	137.00	1519	218.00	1735	303.00	2155
53.00	288	138.00	327	219.00	249	304.00	546
55.00	368	139.00	245	220.00	128	308.00	313
56.00	2657	140.00	558	221.00	11262	309.00	125
57.00	6118	141.00	5373	222.00	549	310.00	367
58.00	440	142.00	1827	223.00	3702	313.00	298
60.00	156	143.00	1108	224.00	34720	314.00	709
61.00	1006	144.00	328	225.00	9093	315.00	2198
62.00	999	145.00	269	226.00	1178	316.00	1213
63.00	3714	146.00	1154	227.00	14187	320.00	107
64.00	435	147.00	1909	228.00	1924	321.00	287
65.00	1740	148.00	4843	229.00	2840	322.00	350
66.00	53	149.00	863	230.00	422	323.00	5644
67.00	297	150.00	255	231.00	1488	324.00	1297
68.00	1605	151.00	682	232.00	280	327.00	1200
69.00	82584	152.00	338	233.00	179	328.00	544
70.00	557	153.00	1670	234.00	1047	329.00	140
71.00	200	154.00	1283	235.00	1134	332.00	458
73.00	647	155.00	2856	236.00	453	333.00	436
74.00	7495	156.00	4152	237.00	1203	334.00	3583
75.00	13107	157.00	900	239.00	669	335.00	872
76.00	4619	158.00	793	240.00	526	341.00	796
77.00	94160	159.00	807	241.00	857	342.00	156

Report Date: 02-Sep-2020 14:18:55 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d\8270_11R_9.rslt\spectra.d
Injection Date: 01-Sep-2020 21:49:30
Spectrum: Tune Spec :Average 207-209(4.61-4.62) Bgrd 202(4.58)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	6153	160.00	1756	242.00	1836	346.00	1399
79.00	5632	161.00	1968	243.00	2433	347.00	162
80.00	4617	162.00	632	244.00	27392	351.00	54
81.00	6571	163.00	147	245.00	3819	352.00	1976
82.00	1953	164.00	295	246.00	4806	353.00	1204
83.00	1494	165.00	1408	247.00	906	354.00	1791
84.00	249	166.00	1722	248.00	143	355.00	655
85.00	862	167.00	9505	249.00	1180	359.00	279
86.00	1573	168.00	3707	250.00	156	365.00	7773
87.00	831	169.00	994	251.00	347	366.00	1052
88.00	274	170.00	331	252.00	373	370.00	138
89.00	257	171.00	368	253.00	802	371.00	592
91.00	1476	172.00	872	254.00	1918	372.00	3416
92.00	1513	173.00	1068	255.00	145280	373.00	904
93.00	8453	174.00	1880	256.00	22088	383.00	1025
94.00	851	175.00	4621	257.00	1542	384.00	245
95.00	187	176.00	1368	258.00	7303	390.00	366
96.00	596	177.00	1756	259.00	1279	391.00	169
97.00	121	178.00	841	260.00	181	392.00	191
98.00	6863	179.00	7720	261.00	208	401.00	328
99.00	5062	180.00	4740	262.00	146	402.00	1656
100.00	518	181.00	2552	264.00	49	403.00	1877
101.00	3892	182.00	615	265.00	3160	404.00	978
102.00	140	183.00	366	266.00	527	415.00	145
103.00	1182	184.00	590	267.00	56	421.00	1769
104.00	2244	185.00	4530	268.00	62	422.00	1432
105.00	2114	186.00	26928	269.00	148	423.00	12681
106.00	911	187.00	7744	270.00	242	424.00	2731
107.00	27040	188.00	936	271.00	545	425.00	398
108.00	4245	189.00	1894	272.00	391	428.00	131
109.00	772	190.00	282	273.00	4494	429.00	168
110.00	50560	191.00	1438	274.00	10644	431.00	198
111.00	7947	192.00	2618	275.00	64608	432.00	110
112.00	816	193.00	2601	276.00	8653	433.00	268

Report Date: 02-Sep-2020 14:18:55 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d\8270_11R_9.rslt\spectra.d
Injection Date: 01-Sep-2020 21:49:30
Spectrum: Tune Spec :Average 207-209(4.61-4.62) Bgrd 202(4.58)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	239	194.00	691	277.00	4677	434.00	221
115.00	251	195.00	692	278.00	754	435.00	309
116.00	1354	196.00	6814	279.00	284	436.00	346
117.00	17288	198.00	226368	281.00	267	437.00	335
118.00	1304	199.00	14766	282.00	232	438.00	297
119.00	226	200.00	1269	283.00	626	439.00	119
120.00	459	201.00	971	284.00	319	441.00	36936
122.00	1919	203.00	1706	285.00	760	442.00	236992
123.00	2405	204.00	8060	286.00	233	443.00	47808
124.00	1373	205.00	13564	289.00	180	444.00	4345
125.00	1405	206.00	62536	290.00	116	445.00	230

Report Date: 02-Sep-2020 14:18:55 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d

Injection Date: 01-Sep-2020 21:49:30 Instrument ID: CBNAMS11 Operator ID:

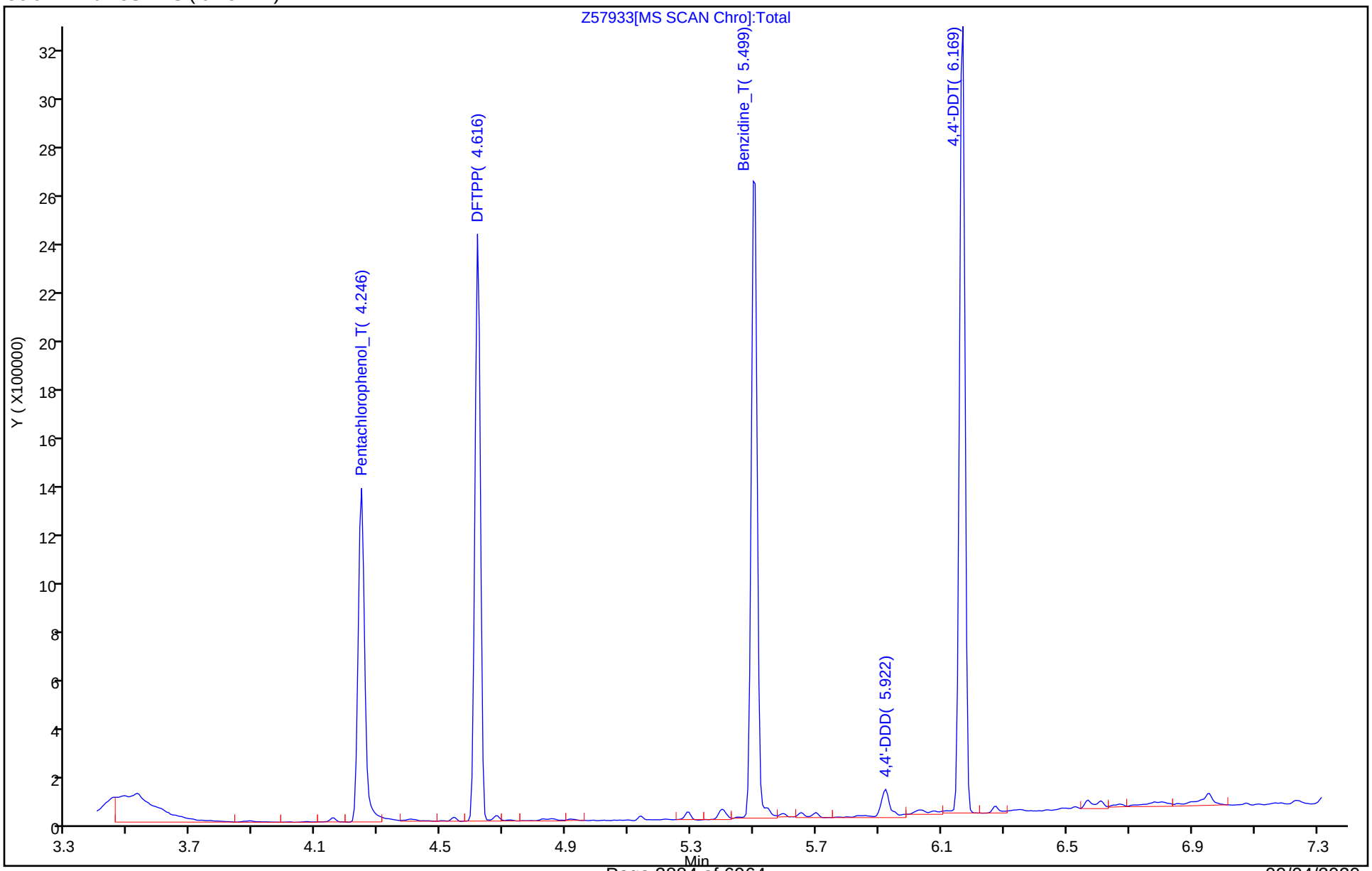
Lims ID: DFTPP Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

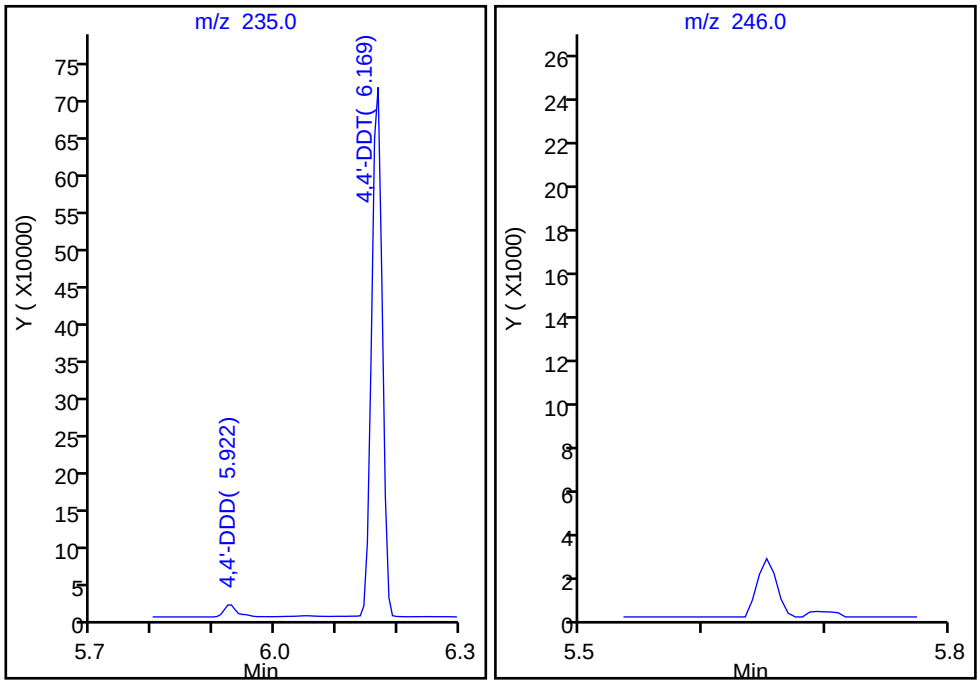


Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d
Injection Date: 01-Sep-2020 21:49:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 874436
126 4,4'-DDD, Area = 25114
125 4,4'-DDE, Area = 2989

%Breakdown: 3.11%, <= 20.00%
Passed

Peak Tailing Report

Eurofins TestAmerica, Edison

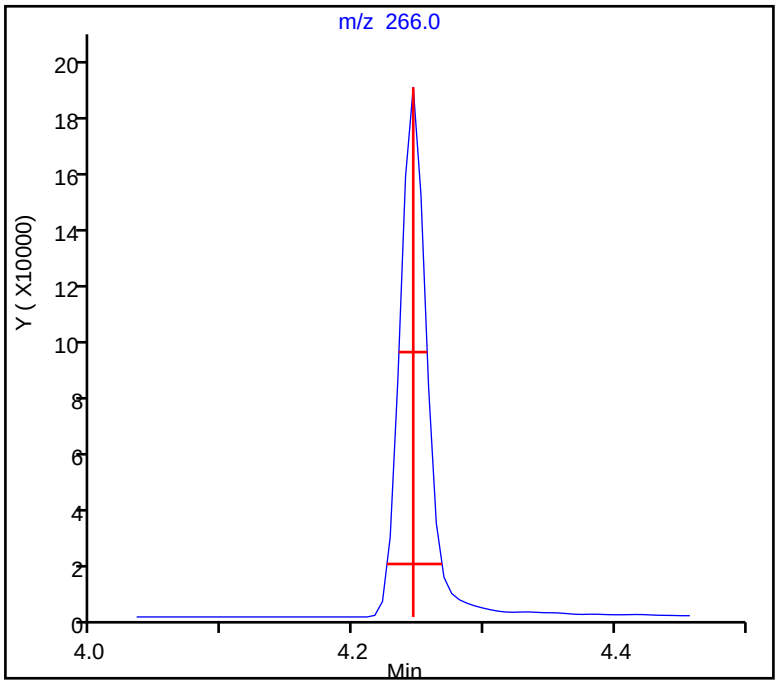
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d
Injection Date: 01-Sep-2020 21:49:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

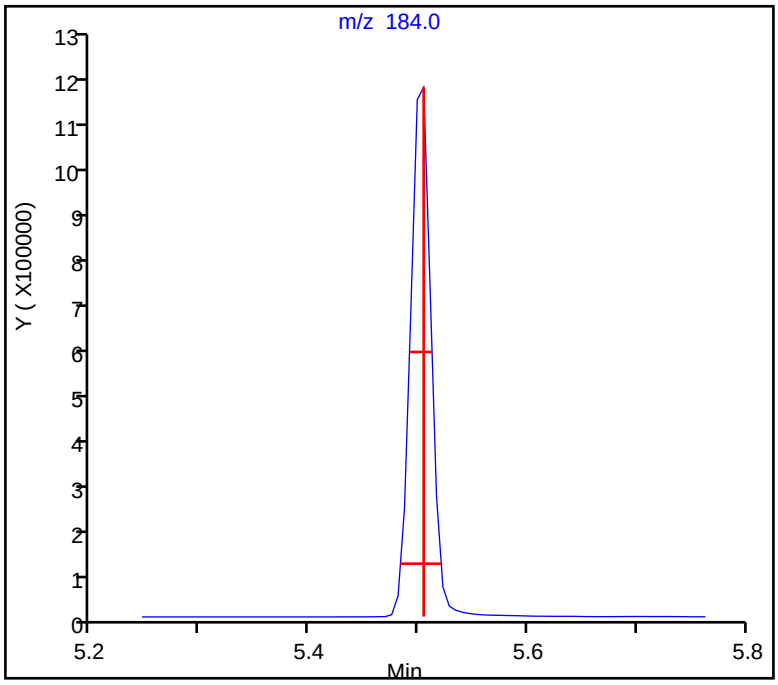
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200901-116134.b\Z57933.d
Injection Date: 01-Sep-2020 21:49:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Jul-2020 13:07:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114127-001
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 30-Jul-2020 06:29:31 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1024

First Level Reviewer: johnstonm1 Date: 29-Jul-2020 13:20:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.722	4.722	0.000	94	88534	NR	NR	
47 Benzidine_T	184	5.940	5.940	0.000	99	702271	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	6.093	6.093	0.000	72	410		NR	a
123 4,4'-DDD	235	6.357	6.357	0.000	91	1951		NR	
124 4,4'-DDT	235	6.598	6.598	0.000	98	260557	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

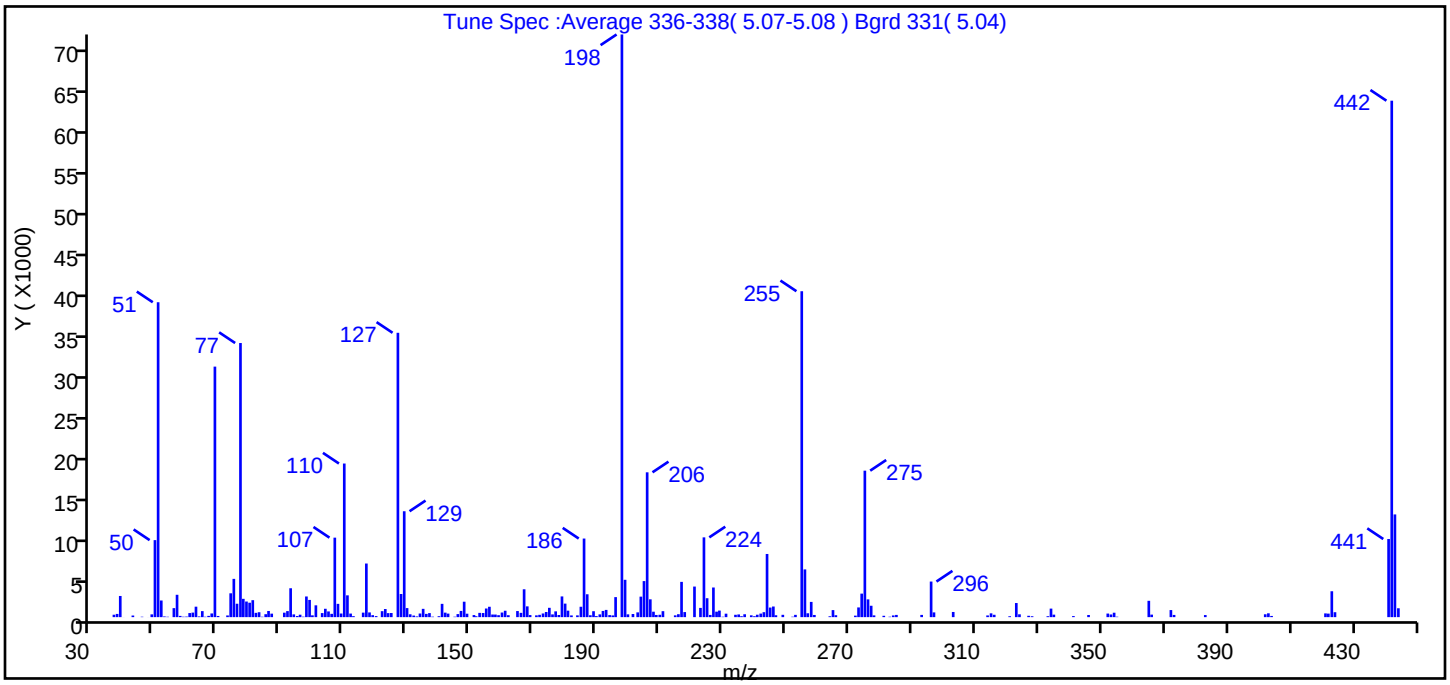
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d
Injection Date: 29-Jul-2020 13:07:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (112.8)
51	10-80% of the base peak	54.0
68	<2% of mass 69	0.6 (1.5)
69	Present	43.0
70	<2% of mass 69	0.2 (0.5)
127	10-80% of the base peak	48.8
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.4
275	10-60% of the base peak	25.1
365	>1% of mass 198	2.8
441	present but <24% of mass 442	13.4 (15.1)
442	base peak, or >50% of 198	88.6
443	15-24% of mass 442	17.6 (19.9)

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d\8270_12R_9.rslt\spectra.d
Injection Date: 29-Jul-2020 13:07:30
Spectrum: Tune Spec :Average 336-338(5.07-5.08) Bgrd 331(5.04)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 236

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	296	108.00	1621	177.00	706	249.00	284
38.00	392	109.00	443	178.00	263	252.00	52
39.00	2583	110.00	18744	179.00	2528	253.00	279
40.00	5	111.00	2660	180.00	1650	255.00	39768
43.00	197	112.00	436	181.00	790	256.00	5825
46.00	51	113.00	117	182.00	210	257.00	472
48.00	4	116.00	550	184.00	218	258.00	1859
49.00	339	117.00	6543	185.00	1267	259.00	266
50.00	9398	118.00	574	186.00	9590	264.00	106
51.00	38424	119.00	240	187.00	2791	265.00	859
52.00	2031	120.00	128	188.00	231	266.00	234
53.00	84	122.00	729	189.00	723	272.00	185
54.00	49	123.00	989	190.00	126	273.00	1185
56.00	1099	124.00	491	191.00	337	274.00	2870
57.00	2728	125.00	503	192.00	755	275.00	17872
58.00	152	127.00	34696	193.00	882	276.00	2169
59.00	52	128.00	2823	194.00	252	277.00	1389
60.00	68	129.00	12921	195.00	209	278.00	215
61.00	498	130.00	1104	196.00	2444	281.00	165
62.00	554	131.00	349	198.00	71096	283.00	51
63.00	1277	132.00	193	199.00	4557	284.00	209
64.00	86	133.00	87	200.00	341	285.00	272
65.00	735	134.00	442	202.00	383	293.00	274
66.00	50	135.00	1013	203.00	582	296.00	4344
67.00	155	136.00	397	204.00	2501	297.00	580
68.00	450	137.00	493	205.00	4399	303.00	631
69.00	30568	138.00	58	206.00	17672	314.00	208
70.00	144	140.00	113	207.00	2174	315.00	465
73.00	207	141.00	1622	208.00	665	316.00	289
74.00	2909	142.00	549	209.00	265	321.00	108
75.00	4670	143.00	430	210.00	289	323.00	1722
76.00	1636	145.00	53	211.00	728	324.00	345
77.00	33448	146.00	371	215.00	219	327.00	165

Report Date: 30-Jul-2020 06:29:32 Chrom Revision: 2.3 30-Jun-2020 12:05:54
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d\8270_12R_9.rslt\spectra.d
Injection Date: 29-Jul-2020 13:07:30
Spectrum: Tune Spec :Average 336-338(5.07-5.08) Bgrd 331(5.04)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 236

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	2234	147.00	758	216.00	357	328.00	109
79.00	1905	148.00	1884	217.00	4304	333.00	113
80.00	1759	149.00	419	218.00	618	334.00	1042
81.00	2070	151.00	254	221.00	3732	335.00	304
82.00	524	152.00	108	223.00	1127	341.00	129
83.00	600	153.00	521	224.00	9735	346.00	263
84.00	49	154.00	503	225.00	2309	352.00	438
85.00	358	155.00	1054	226.00	269	353.00	325
86.00	752	156.00	1267	227.00	3617	354.00	541
87.00	427	157.00	320	228.00	668	355.00	53
91.00	544	158.00	316	229.00	799	365.00	1993
92.00	736	159.00	238	230.00	50	366.00	309
93.00	3526	160.00	561	231.00	422	372.00	863
94.00	337	161.00	780	234.00	288	373.00	269
95.00	136	162.00	237	235.00	329	383.00	253
96.00	299	165.00	743	236.00	112	402.00	350
97.00	56	166.00	523	237.00	353	403.00	469
98.00	2522	167.00	3400	239.00	222	404.00	147
99.00	2100	168.00	1315	240.00	111	421.00	457
100.00	219	169.00	253	241.00	295	422.00	431
101.00	1442	171.00	218	242.00	434	423.00	3160
103.00	496	172.00	282	243.00	606	424.00	601
104.00	1021	173.00	448	244.00	7708	441.00	9532
105.00	696	174.00	627	245.00	1170	442.00	63016
106.00	403	175.00	1139	246.00	1297	443.00	12533
107.00	9699	176.00	334	247.00	231	444.00	1084

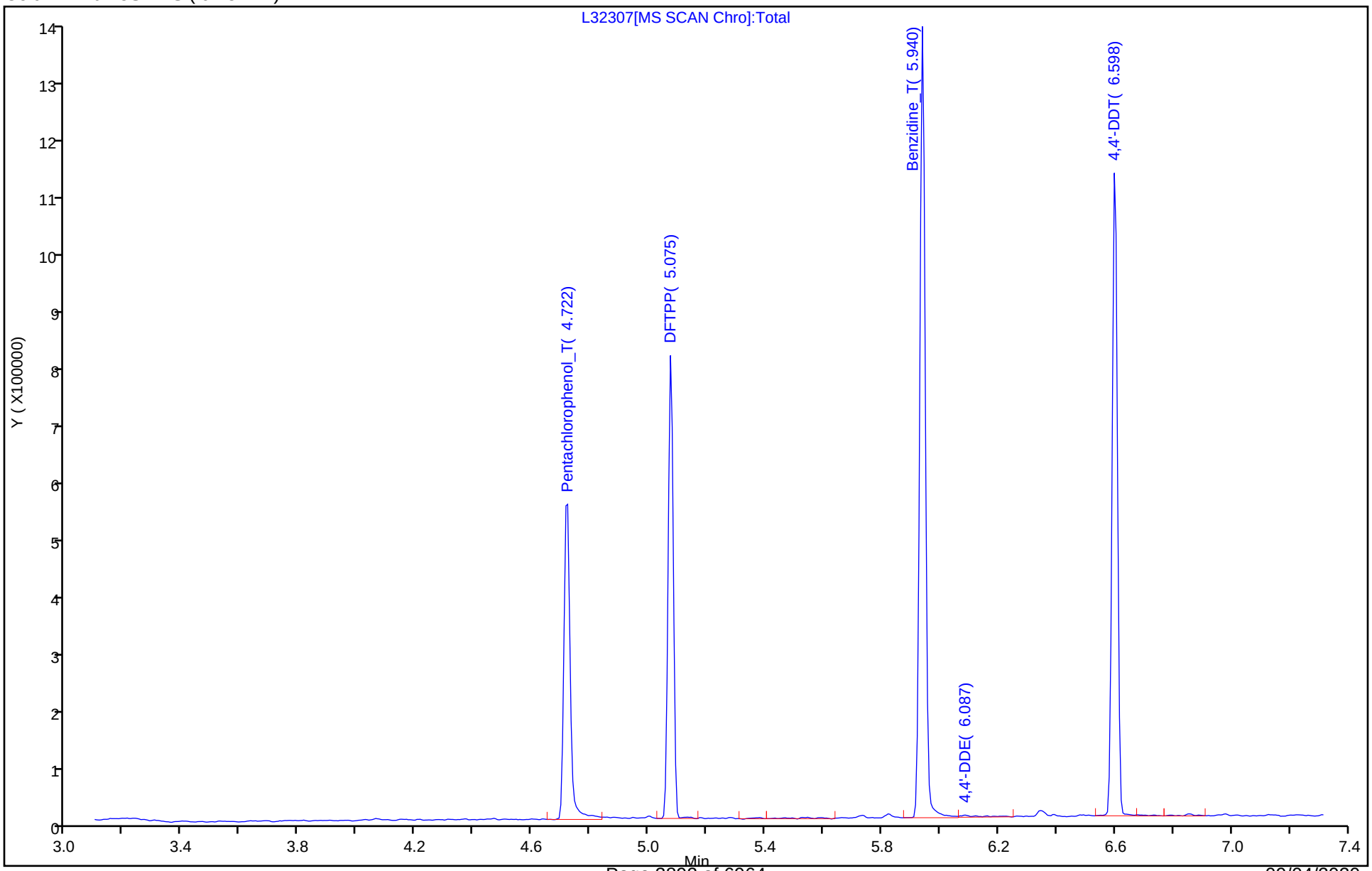
Report Date: 30-Jul-2020 06:29:32 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d

Injection Date:	29-Jul-2020 13:07:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d
Injection Date: 29-Jul-2020 13:07:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

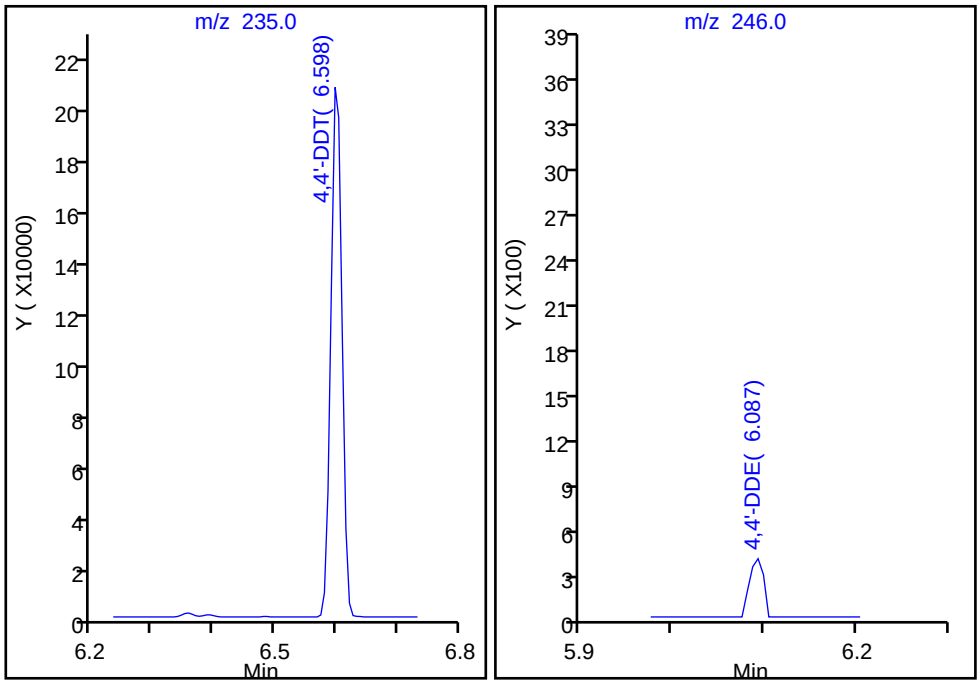
124 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 260557
123 4,4'-DDD, Area = 1951
122 4,4'-DDE, Area = 410

%Breakdown: 0.90%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

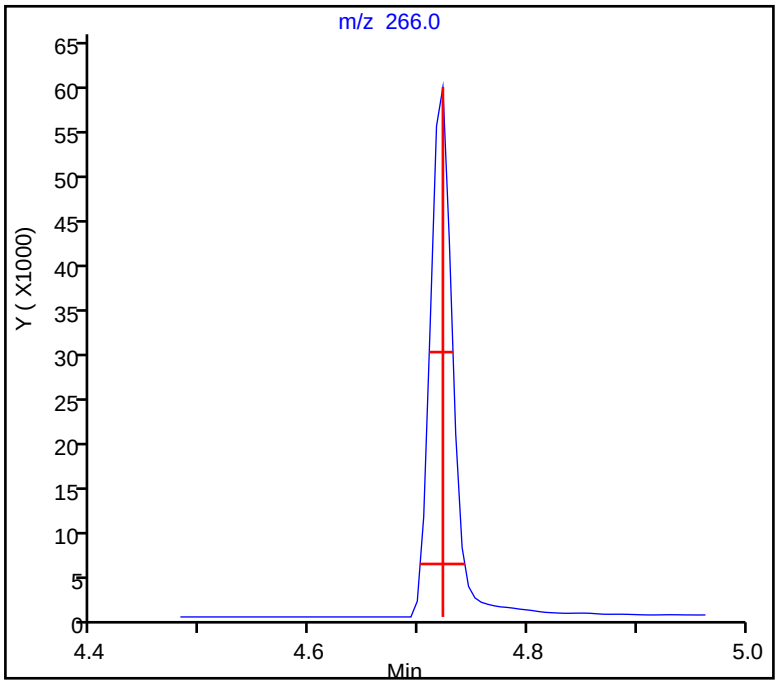
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d
Injection Date: 29-Jul-2020 13:07:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

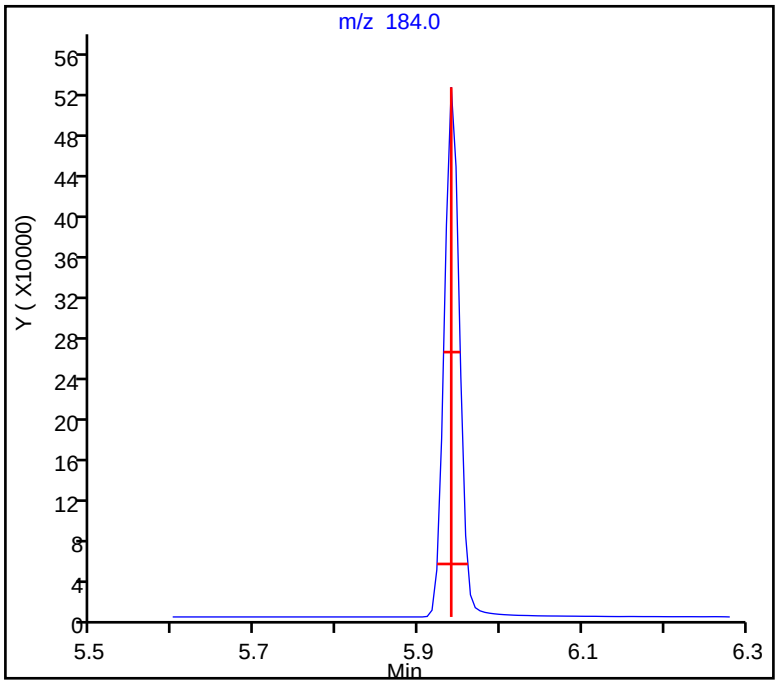
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32307.d
Injection Date: 29-Jul-2020 13:07:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 27-Aug-2020 19:19:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-001
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 09:22:23 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: zhaoc Date: 28-Aug-2020 09:22:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.481	4.481	0.000	92	31170	NR	NR	
47 Benzidine_T	184	5.704	5.704	0.000	99	397494	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	5.851	5.851	0.000	1	121		NR	a
123 4,4'-DDD	235	6.122	6.122	0.000	91	692		NR	
124 4,4'-DDT	235	6.357	6.357	0.000	98	163289	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

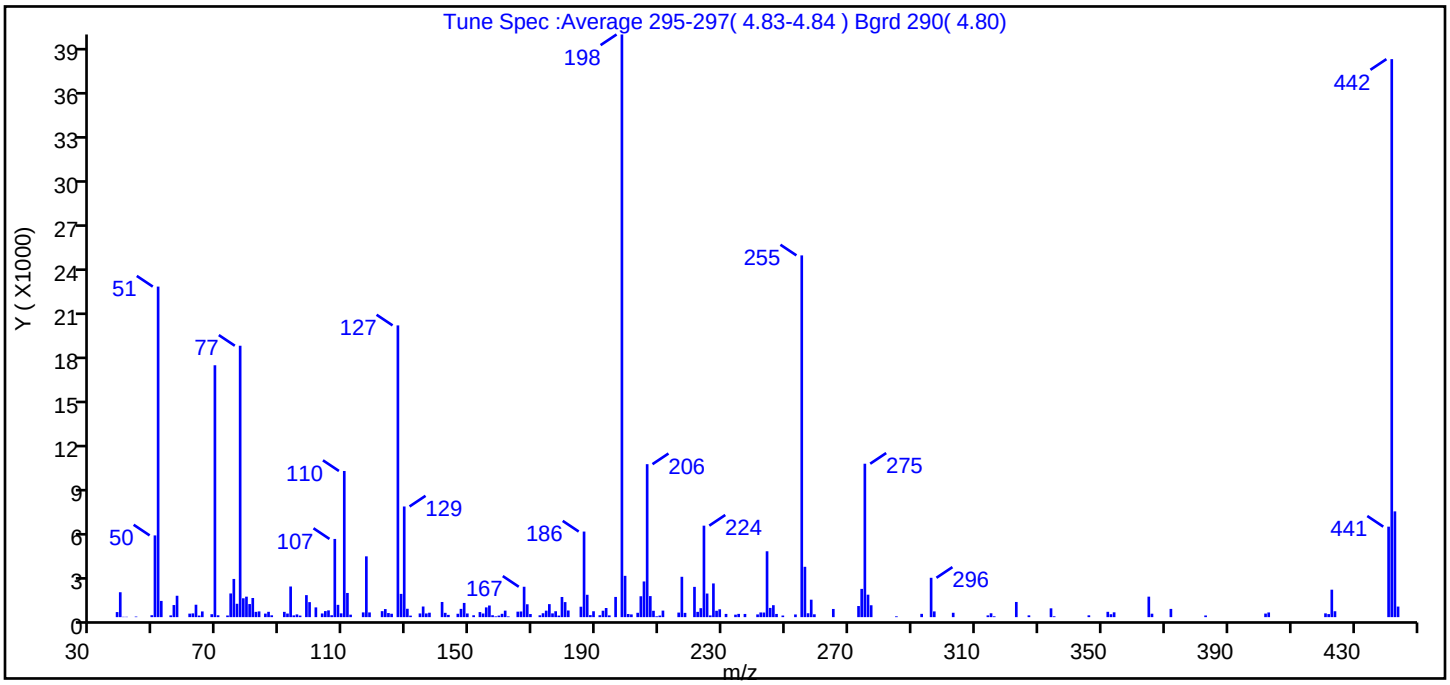
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d
Injection Date: 27-Aug-2020 19:19:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (104.4)
51	10-80% of the base peak	56.7
68	<2% of mass 69	0.5 (1.2)
69	Present	43.2
70	<2% of mass 69	0.3 (0.7)
127	10-80% of the base peak	50.1
197	<2% of mass 198	0.0
199	5-9% of mass 198	7.1
275	10-60% of the base peak	26.3
365	>1% of mass 198	3.5
441	present but <24% of mass 442	15.5 (16.2)
442	base peak, or >50% of 198	95.8
443	15-24% of mass 442	18.2 (19.0)

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d\8270_12R_9.rslt\spectra.d
Injection Date: 27-Aug-2020 19:19:30
Spectrum: Tune Spec :Average 295-297(4.83-4.84) Bgrd 290(4.80)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	347	108.00	842	176.00	258	244.00	4509
39.00	1705	109.00	261	177.00	404	245.00	632
40.00	24	110.00	10004	178.00	108	246.00	818
41.00	25	111.00	1655	179.00	1380	247.00	219
44.00	40	112.00	169	180.00	1030	249.00	110
49.00	131	116.00	325	181.00	456	253.00	184
50.00	5594	117.00	4162	185.00	713	255.00	24760
51.00	22624	118.00	323	186.00	5858	256.00	3446
52.00	1111	122.00	410	187.00	1531	257.00	266
55.00	120	123.00	552	188.00	138	258.00	1195
56.00	829	124.00	280	189.00	404	259.00	195
57.00	1464	125.00	232	191.00	131	265.00	560
61.00	240	127.00	19968	192.00	440	273.00	761
62.00	258	128.00	1592	193.00	625	274.00	1934
63.00	850	129.00	7574	194.00	121	275.00	10501
64.00	109	130.00	573	196.00	1383	276.00	1537
65.00	391	131.00	105	198.00	39880	277.00	814
68.00	201	134.00	253	199.00	2827	285.00	57
69.00	17240	135.00	728	200.00	214	293.00	225
70.00	127	136.00	253	201.00	187	296.00	2694
73.00	113	137.00	304	203.00	298	297.00	393
74.00	1622	141.00	1038	204.00	1430	303.00	299
75.00	2615	142.00	295	205.00	2443	314.00	121
76.00	915	143.00	155	206.00	10470	315.00	265
77.00	18576	146.00	232	207.00	1441	316.00	57
78.00	1291	147.00	566	208.00	434	323.00	1039
79.00	1401	148.00	973	209.00	54	327.00	122
80.00	896	149.00	251	210.00	108	334.00	604
81.00	1311	151.00	128	211.00	448	335.00	58
82.00	362	153.00	347	216.00	312	346.00	124
83.00	394	154.00	250	217.00	2762	352.00	365
85.00	242	155.00	668	218.00	293	353.00	200
86.00	365	156.00	797	221.00	2072	354.00	330

Report Date: 28-Aug-2020 09:22:23 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d\8270_12R_9.rslt\spectra.d
Injection Date: 27-Aug-2020 19:19:30
Spectrum: Tune Spec :Average 295-297(4.83-4.84) Bgrd 290(4.80)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	125	157.00	130	222.00	362	365.00	1402
91.00	362	158.00	50	223.00	614	366.00	236
92.00	247	159.00	108	224.00	6262	372.00	564
93.00	2097	160.00	228	225.00	1616	383.00	114
94.00	121	161.00	445	226.00	118	402.00	244
95.00	187	162.00	50	227.00	2307	403.00	321
96.00	108	165.00	376	228.00	436	421.00	259
98.00	1507	166.00	388	229.00	538	422.00	209
99.00	1028	167.00	2080	231.00	221	423.00	1879
101.00	668	168.00	881	234.00	170	424.00	404
103.00	252	169.00	212	235.00	223	441.00	6193
104.00	414	172.00	127	237.00	219	442.00	38192
105.00	464	173.00	267	241.00	187	443.00	7239
106.00	130	174.00	444	242.00	321	444.00	723
107.00	5353	175.00	891	243.00	315		

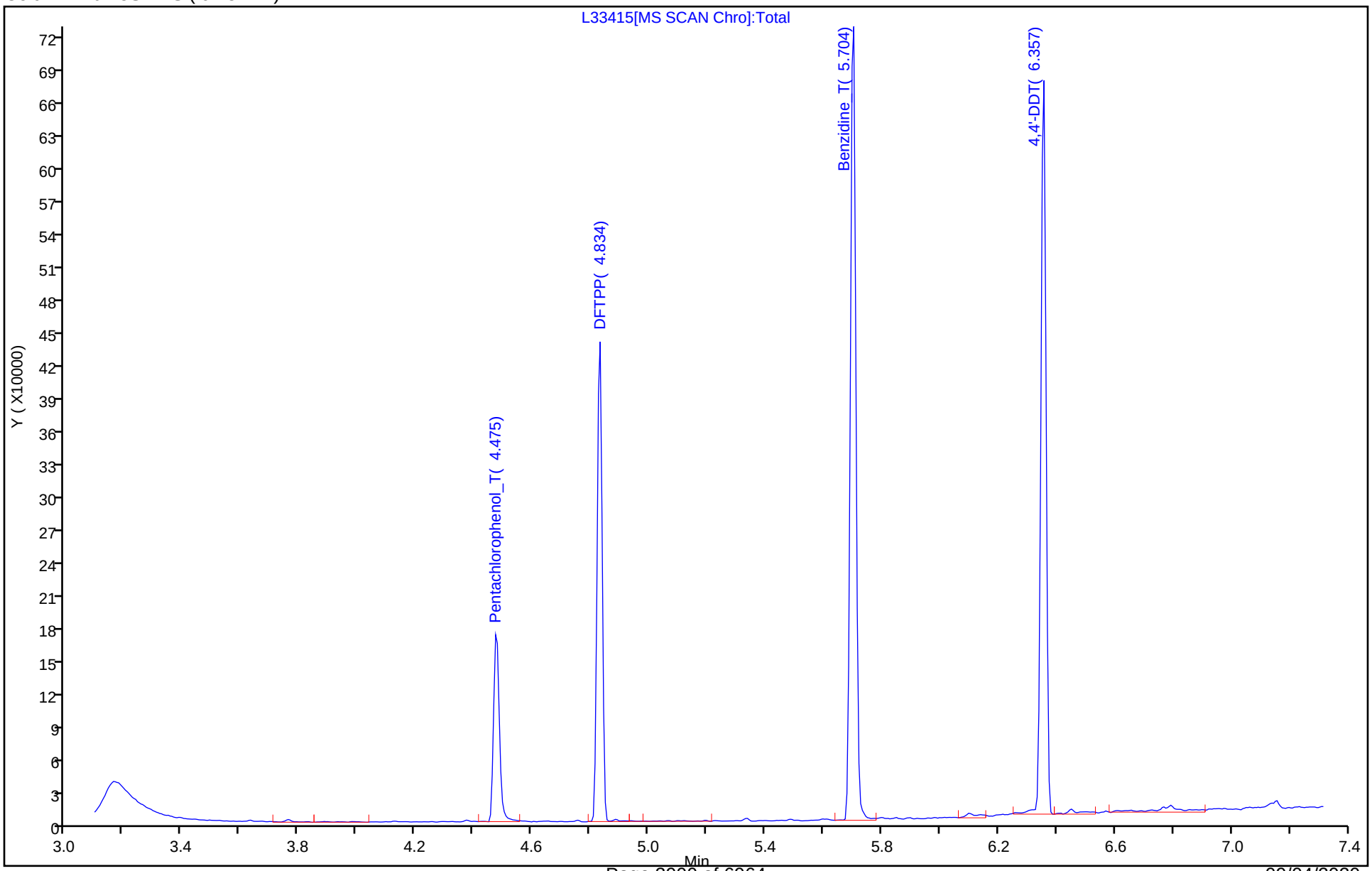
Report Date: 28-Aug-2020 09:22:23 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d

Injection Date:	27-Aug-2020 19:19:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

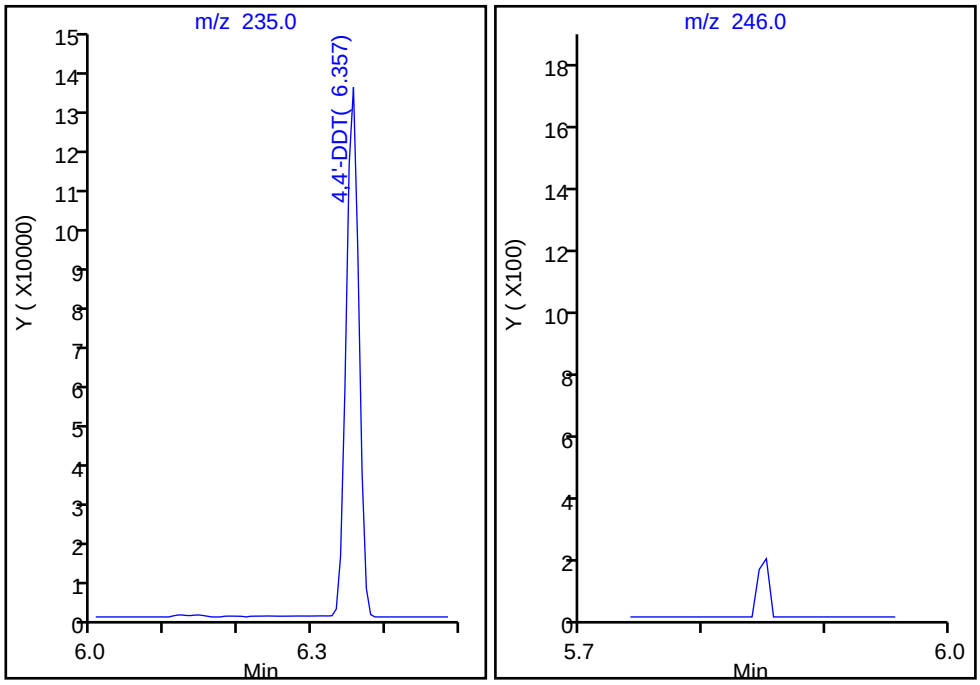


Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d
Injection Date: 27-Aug-2020 19:19:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 163289
123 4,4'-DDD, Area = 692
122 4,4'-DDE, Area = 121

%Breakdown: 0.50%, <= 20.00%
Passed

Peak Tailing Report

Eurofins TestAmerica, Edison

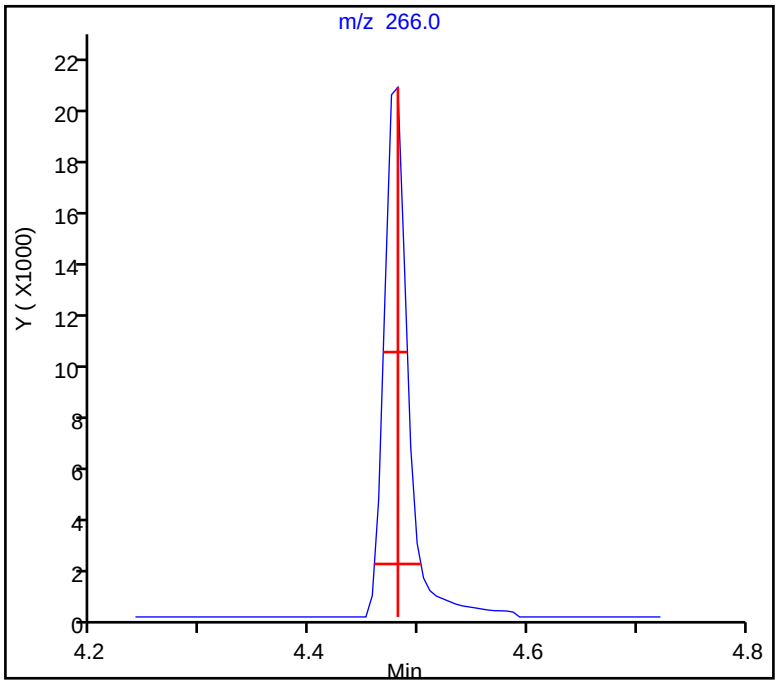
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d
Injection Date: 27-Aug-2020 19:19:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

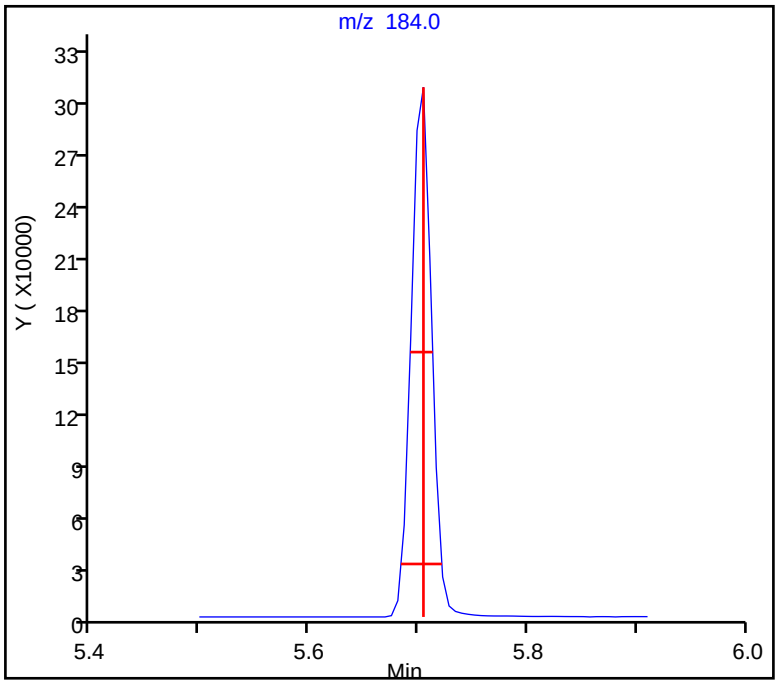
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33415.d
Injection Date: 27-Aug-2020 19:19:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 30-Jul-2020 14:45:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0114200-001
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 31-Jul-2020 08:39:27 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 30-Jul-2020 14:55:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.693	4.693	0.000	94	131962	NR	NR	
56 Benzidine_T	184	5.916	5.916	0.000	99	902182	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.069	6.069	0.000	83	844		NR	
126 4,4'-DDD	235	6.334	6.334	0.000	96	6148		NR	
127 4,4'-DDT	235	6.581	6.581	0.000	99	325049	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

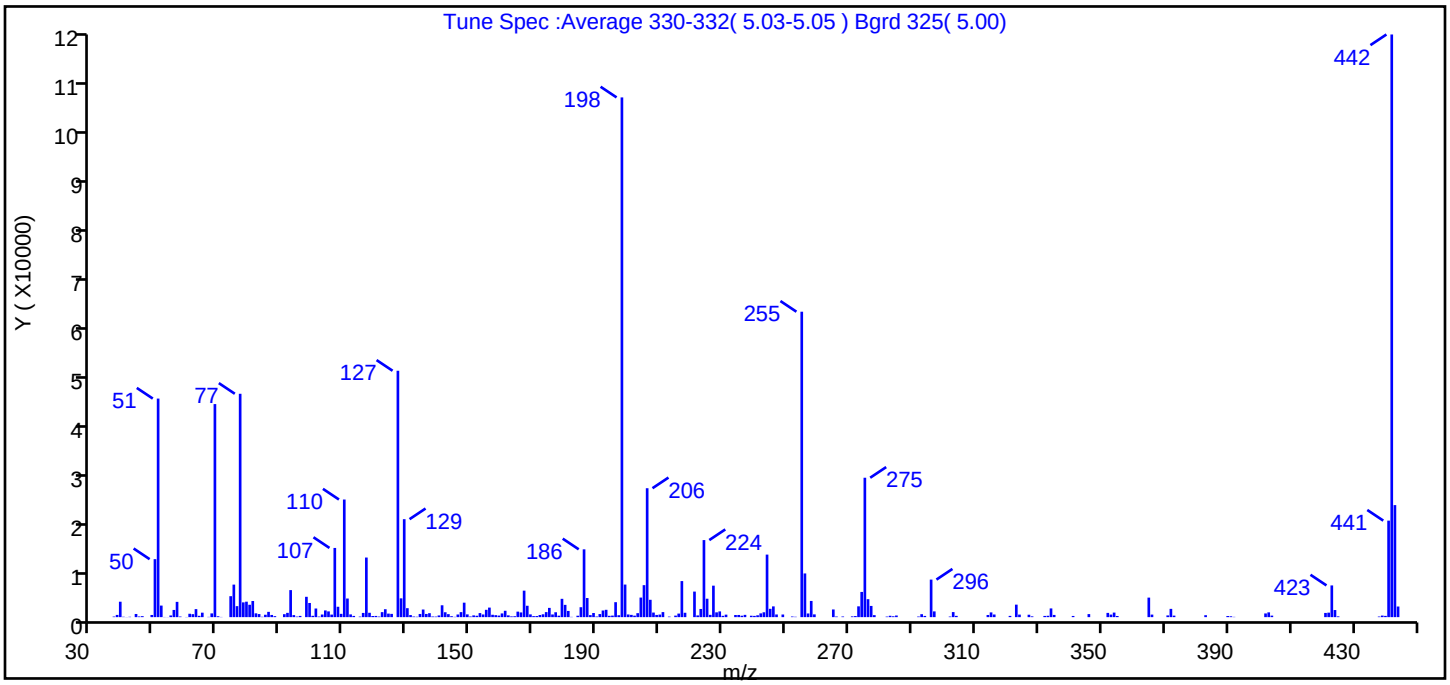
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d
Injection Date: 30-Jul-2020 14:45:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (89.2)
51	10-80% of the base peak	42.1
68	<2% of mass 69	0.7 (1.8)
69	Present	41.0
70	<2% of mass 69	0.2 (0.4)
127	10-80% of the base peak	47.4
197	<2% of mass 198	0.4
199	5-9% of mass 198	6.3
275	10-60% of the base peak	26.8
365	>1% of mass 198	3.8
441	present but <24% of mass 442	18.6 (16.6)
442	base peak, or >50% of 198	112.1
443	15-24% of mass 442	21.6 (19.2)

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d\8270LVI_14.rslt\spectra.d
Injection Date: 30-Jul-2020 14:45:30
Spectrum: Tune Spec :Average 330-332(5.03-5.05) Bgrd 325(5.00)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	115	113.00	236	181.00	1198	259.00	534
38.00	431	115.00	106	182.00	51	265.00	1485
39.00	2981	116.00	814	184.00	273	266.00	117
40.00	75	117.00	11517	185.00	1918	268.00	125
41.00	23	118.00	843	186.00	13103	271.00	148
42.00	68	119.00	221	187.00	3694	272.00	208
44.00	610	120.00	234	188.00	394	273.00	2089
45.00	129	121.00	112	189.00	801	274.00	4871
46.00	189	122.00	967	190.00	115	275.00	26936
49.00	419	123.00	1529	191.00	597	276.00	3472
50.00	11202	124.00	682	192.00	1281	277.00	2166
51.00	42232	125.00	631	193.00	1418	278.00	385
52.00	2233	127.00	47608	194.00	257	282.00	107
53.00	34	128.00	3633	195.00	298	283.00	265
54.00	20	129.00	18928	196.00	2890	284.00	168
55.00	324	130.00	1732	197.00	366	285.00	315
56.00	1391	131.00	403	198.00	100424	292.00	118
57.00	2952	132.00	117	199.00	6296	293.00	571
58.00	116	133.00	77	200.00	516	294.00	236
60.00	32	134.00	613	201.00	437	296.00	7256
61.00	653	135.00	1472	202.00	288	297.00	1111
62.00	577	136.00	616	203.00	769	302.00	116
63.00	1551	137.00	766	204.00	3781	303.00	978
64.00	255	138.00	124	205.00	6181	304.00	248
65.00	863	139.00	104	206.00	24912	314.00	418
67.00	51	140.00	327	207.00	3353	315.00	916
68.00	724	141.00	2293	208.00	886	316.00	508
69.00	41168	142.00	945	209.00	428	321.00	243
70.00	171	143.00	577	210.00	497	323.00	2415
71.00	38	144.00	180	211.00	975	324.00	491
74.00	4050	145.00	56	213.00	105	327.00	466
75.00	6287	146.00	510	215.00	295	328.00	152
76.00	2124	147.00	970	216.00	688	332.00	236

Report Date: 31-Jul-2020 08:39:28 Chrom Revision: 2.3 30-Jun-2020 12:05:54
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d\8270LVI_14.rslt\spectra.d
Injection Date: 30-Jul-2020 14:45:30
Spectrum: Tune Spec :Average 330-332(5.03-5.05) Bgrd 325(5.00)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	43160	148.00	2796	217.00	6968	333.00	264
78.00	2853	149.00	531	218.00	846	334.00	1686
79.00	2987	150.00	125	221.00	4938	335.00	427
80.00	2391	151.00	340	222.00	333	341.00	230
81.00	3116	152.00	270	223.00	1581	346.00	588
82.00	737	153.00	784	224.00	14890	352.00	820
83.00	596	154.00	517	225.00	3560	353.00	493
84.00	65	155.00	1415	226.00	442	354.00	881
85.00	462	156.00	1845	227.00	6082	355.00	223
86.00	1023	157.00	457	228.00	927	365.00	3773
87.00	422	158.00	381	229.00	1109	366.00	493
88.00	191	159.00	299	230.00	257	371.00	334
91.00	571	160.00	719	231.00	482	372.00	1598
92.00	828	161.00	1230	234.00	412	373.00	292
93.00	5224	162.00	344	235.00	420	383.00	375
94.00	393	163.00	145	236.00	278	390.00	216
95.00	107	164.00	175	237.00	440	391.00	163
96.00	239	165.00	1064	239.00	273	392.00	52
98.00	3930	166.00	909	240.00	244	402.00	715
99.00	2737	167.00	5119	241.00	357	403.00	922
100.00	257	168.00	2199	242.00	729	404.00	294
101.00	1670	169.00	531	243.00	941	421.00	812
102.00	108	170.00	198	244.00	12085	422.00	867
103.00	507	171.00	211	245.00	1608	423.00	6128
104.00	1296	172.00	413	246.00	2079	424.00	1371
105.00	1111	173.00	551	247.00	516	425.00	149
106.00	490	174.00	971	249.00	511	438.00	118
107.00	13371	175.00	1789	252.00	122	439.00	301
108.00	2006	176.00	516	253.00	73	440.00	244
109.00	638	177.00	944	255.00	59016	441.00	18648
110.00	22728	178.00	281	256.00	8443	442.00	112584
111.00	3598	179.00	3540	257.00	707	443.00	21648
112.00	528	180.00	2373	258.00	3130	444.00	2053

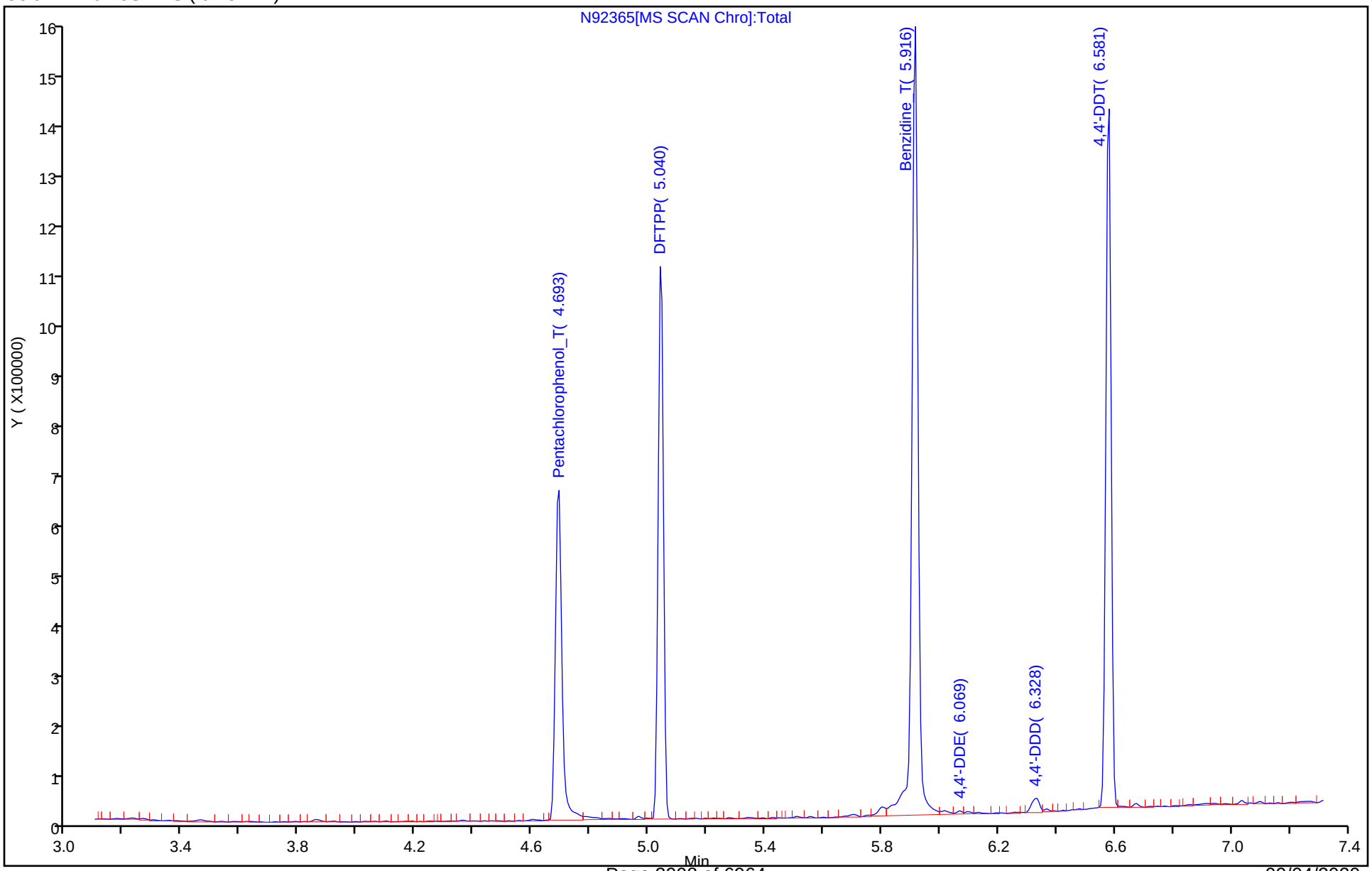
Report Date: 31-Jul-2020 08:39:28 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d

Injection Date:	30-Jul-2020 14:45:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d
Injection Date: 30-Jul-2020 14:45:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL

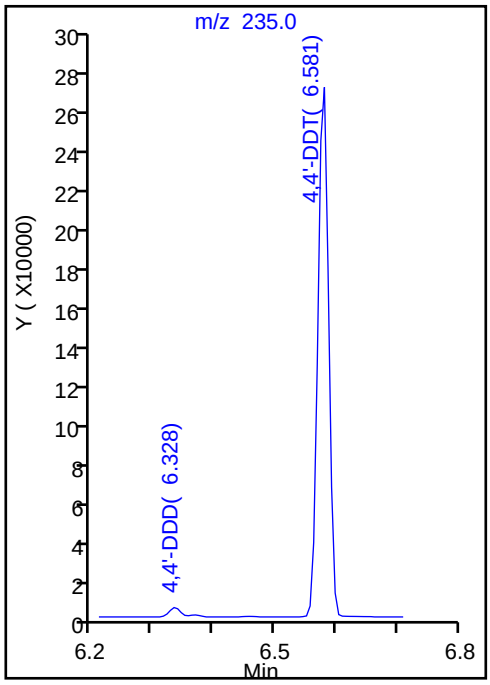
127 4,4'-DDT, Detector: MS SCAN

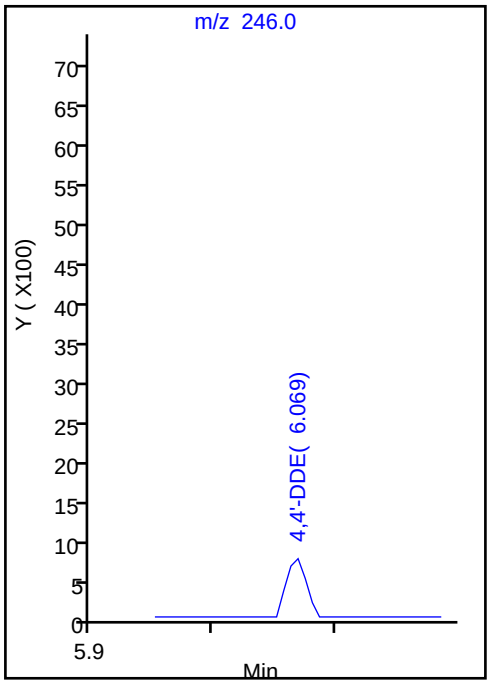
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 325049
126 4,4'-DDD, Area = 6148
125 4,4'-DDE, Area = 844

%Breakdown: 2.11%, <= 20.00%
Passed





Peak Tailing Report

Eurofins TestAmerica, Edison

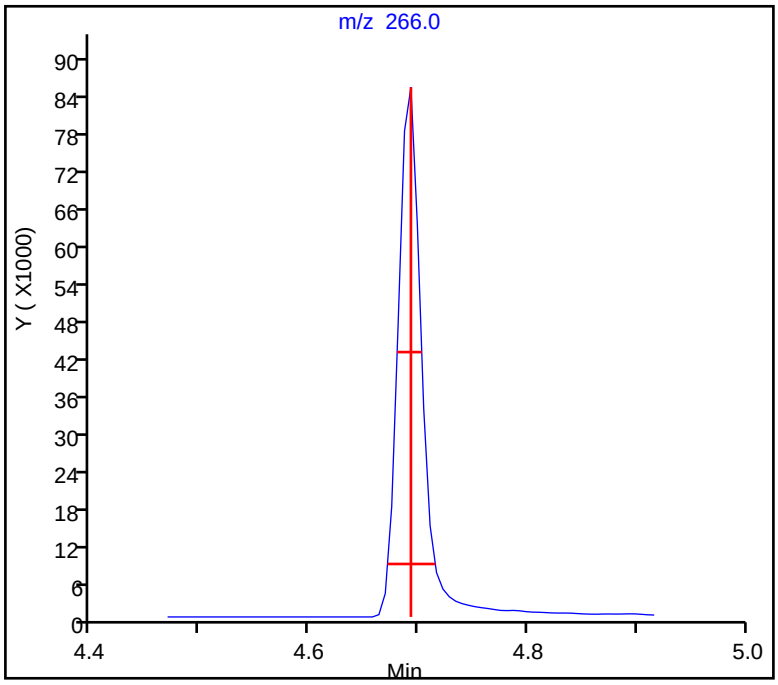
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d
Injection Date: 30-Jul-2020 14:45:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

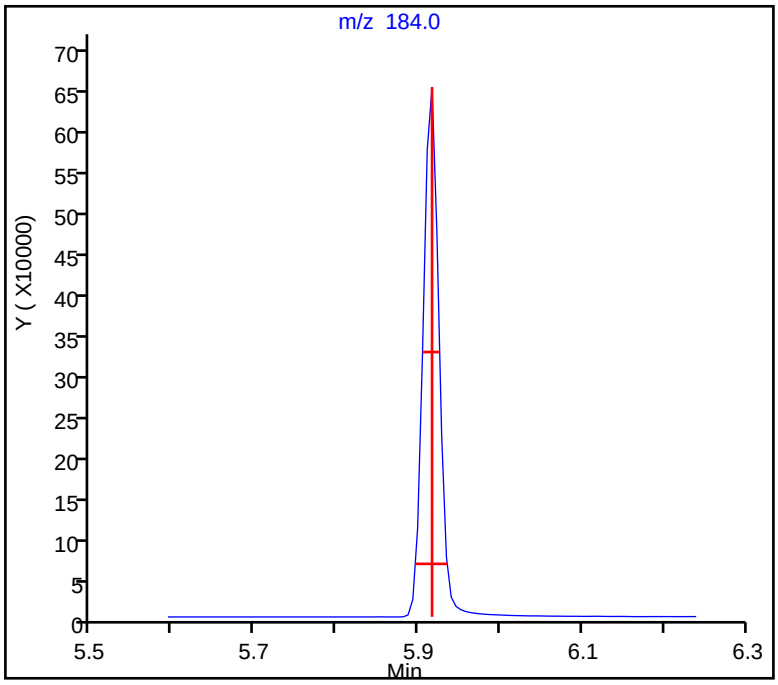
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92365.d
Injection Date: 30-Jul-2020 14:45:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 01-Sep-2020 18:32:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-001
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 01-Sep-2020 18:46:13 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1051

First Level Reviewer: eisam Date: 01-Sep-2020 18:46:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.610	4.610	0.000	95	123465	NR	NR	
56 Benzidine_T	184	5.834	5.834	0.000	99	784366	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.981	5.981	0.000	93	1553		NR	
126 4,4'-DDD	235	6.246	6.246	0.000	94	3893		NR	
127 4,4'-DDT	235	6.487	6.487	0.000	98	446871	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

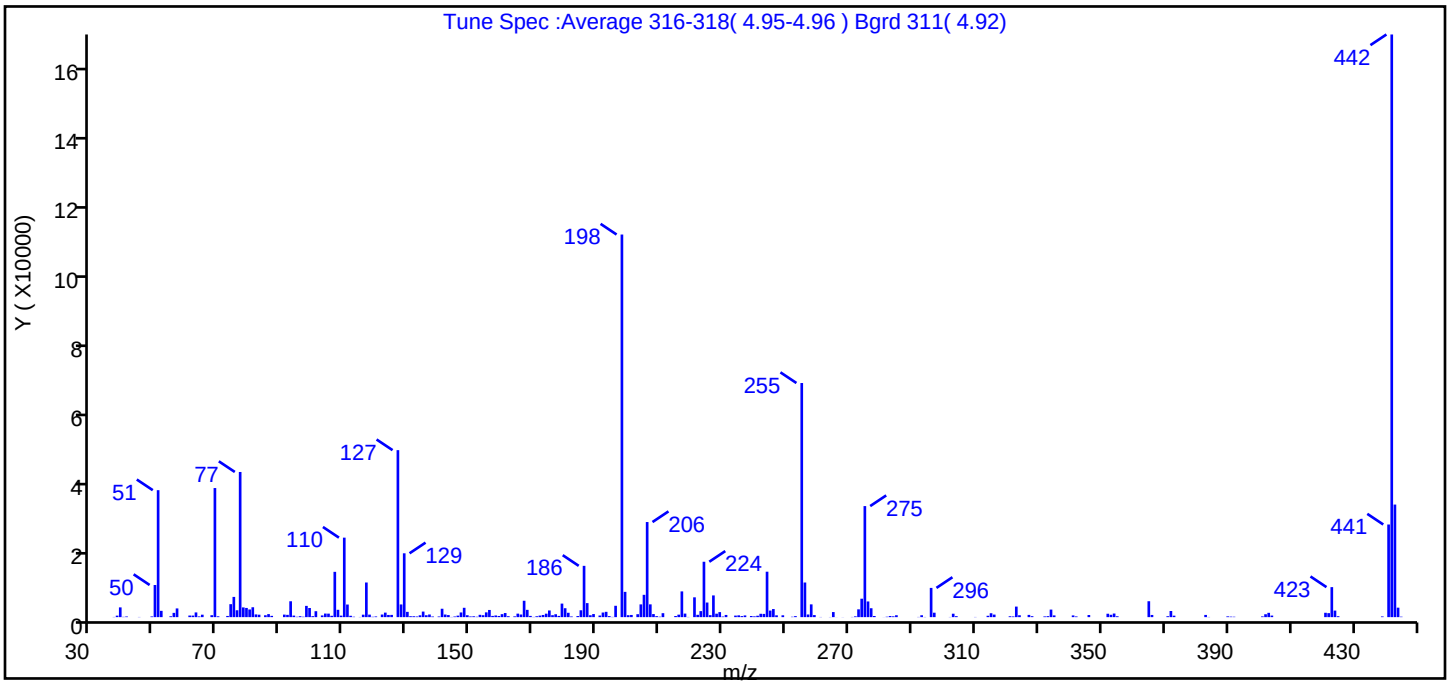
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d
Injection Date: 01-Sep-2020 18:32:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (65.7)
51	10-80% of the base peak	33.2
68	<2% of mass 69	0.5 (1.5)
69	Present	33.7
70	<2% of mass 69	0.2 (0.6)
127	10-80% of the base peak	43.6
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-60% of the base peak	29.0
365	>1% of mass 198	4.2
441	present but <24% of mass 442	24.2 (15.9)
442	base peak, or >50% of 198	152.3
443	15-24% of mass 442	29.4 (19.3)

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d\8270LVI_14.rslt\spectra.d
Injection Date: 01-Sep-2020 18:32:30
Spectrum: Tune Spec :Average 316-318(4.95-4.96) Bgrd 311(4.92)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 255

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	53	123.00	1308	192.00	1336	275.00	32120
38.00	433	124.00	635	193.00	1538	276.00	4536
39.00	2822	125.00	648	194.00	301	277.00	2578
40.00	84	127.00	48296	195.00	66	278.00	330
41.00	192	128.00	3671	196.00	3285	281.00	19
45.00	53	129.00	18464	198.00	110656	282.00	117
49.00	202	130.00	1529	199.00	7312	283.00	323
50.00	9297	131.00	271	200.00	564	284.00	234
51.00	36720	132.00	255	201.00	631	285.00	549
52.00	1824	133.00	188	203.00	849	292.00	59
55.00	252	134.00	529	204.00	3689	293.00	547
56.00	1235	135.00	1610	205.00	6455	294.00	53
57.00	2522	136.00	549	206.00	27504	296.00	8458
61.00	462	137.00	765	207.00	3698	297.00	1284
62.00	454	138.00	186	208.00	887	302.00	52
63.00	1367	140.00	188	209.00	285	303.00	993
64.00	210	141.00	2431	210.00	123	304.00	279
65.00	710	142.00	758	211.00	1146	310.00	53
68.00	554	143.00	596	215.00	328	314.00	394
69.00	37336	144.00	55	216.00	718	315.00	1129
70.00	242	145.00	185	217.00	7446	316.00	734
73.00	345	146.00	435	218.00	1026	321.00	253
74.00	3753	147.00	1354	219.00	56	322.00	197
75.00	5853	148.00	2706	221.00	5731	323.00	3052
76.00	1991	149.00	553	222.00	673	324.00	550
77.00	41984	150.00	199	223.00	1743	327.00	648
78.00	2815	151.00	249	224.00	16020	328.00	277
79.00	2661	152.00	116	225.00	4227	332.00	206
80.00	2220	153.00	673	226.00	574	333.00	285
81.00	2860	154.00	558	227.00	6283	334.00	2185
82.00	790	155.00	1383	228.00	1000	335.00	502
83.00	705	156.00	2077	229.00	1457	341.00	500
85.00	546	157.00	357	230.00	171	342.00	203

Report Date: 01-Sep-2020 18:46:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d\8270LVI_14.rslt\spectra.d
Injection Date: 01-Sep-2020 18:32:30
Spectrum: Tune Spec :Average 316-318(4.95-4.96) Bgrd 311(4.92)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 255

m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	876	158.00	481	231.00	634	346.00	613
87.00	375	159.00	339	234.00	448	352.00	988
91.00	735	160.00	862	235.00	515	353.00	683
92.00	663	161.00	1186	236.00	304	354.00	1046
93.00	4591	162.00	267	237.00	492	355.00	251
94.00	449	164.00	226	239.00	327	365.00	4603
95.00	108	165.00	1015	240.00	228	366.00	633
96.00	267	166.00	761	241.00	409	371.00	271
97.00	120	167.00	4741	242.00	973	372.00	1776
98.00	3257	168.00	2111	243.00	937	373.00	426
99.00	2645	169.00	361	244.00	13142	383.00	640
100.00	282	170.00	59	245.00	1904	384.00	55
101.00	1716	171.00	257	246.00	2338	390.00	224
103.00	490	172.00	451	247.00	528	391.00	147
104.00	1035	173.00	627	249.00	534	392.00	119
105.00	1015	174.00	1001	252.00	115	401.00	216
106.00	394	175.00	1931	253.00	296	402.00	840
107.00	13103	176.00	563	255.00	67712	403.00	1248
108.00	2124	177.00	837	256.00	10015	404.00	454
109.00	435	178.00	357	257.00	766	421.00	1262
110.00	22992	179.00	3919	258.00	3696	422.00	1155
111.00	3648	180.00	2580	259.00	595	423.00	8680
112.00	397	181.00	1260	261.00	50	424.00	1892
113.00	118	182.00	193	264.00	46	425.00	268
115.00	52	184.00	316	265.00	1469	439.00	201
116.00	713	185.00	1983	266.00	17	441.00	26792
117.00	10020	186.00	14836	268.00	26	442.00	168512
118.00	728	187.00	4058	271.00	57	443.00	32560
119.00	105	188.00	550	272.00	229	444.00	2741
120.00	202	189.00	893	273.00	2260	445.00	131
122.00	751	191.00	466	274.00	5333		

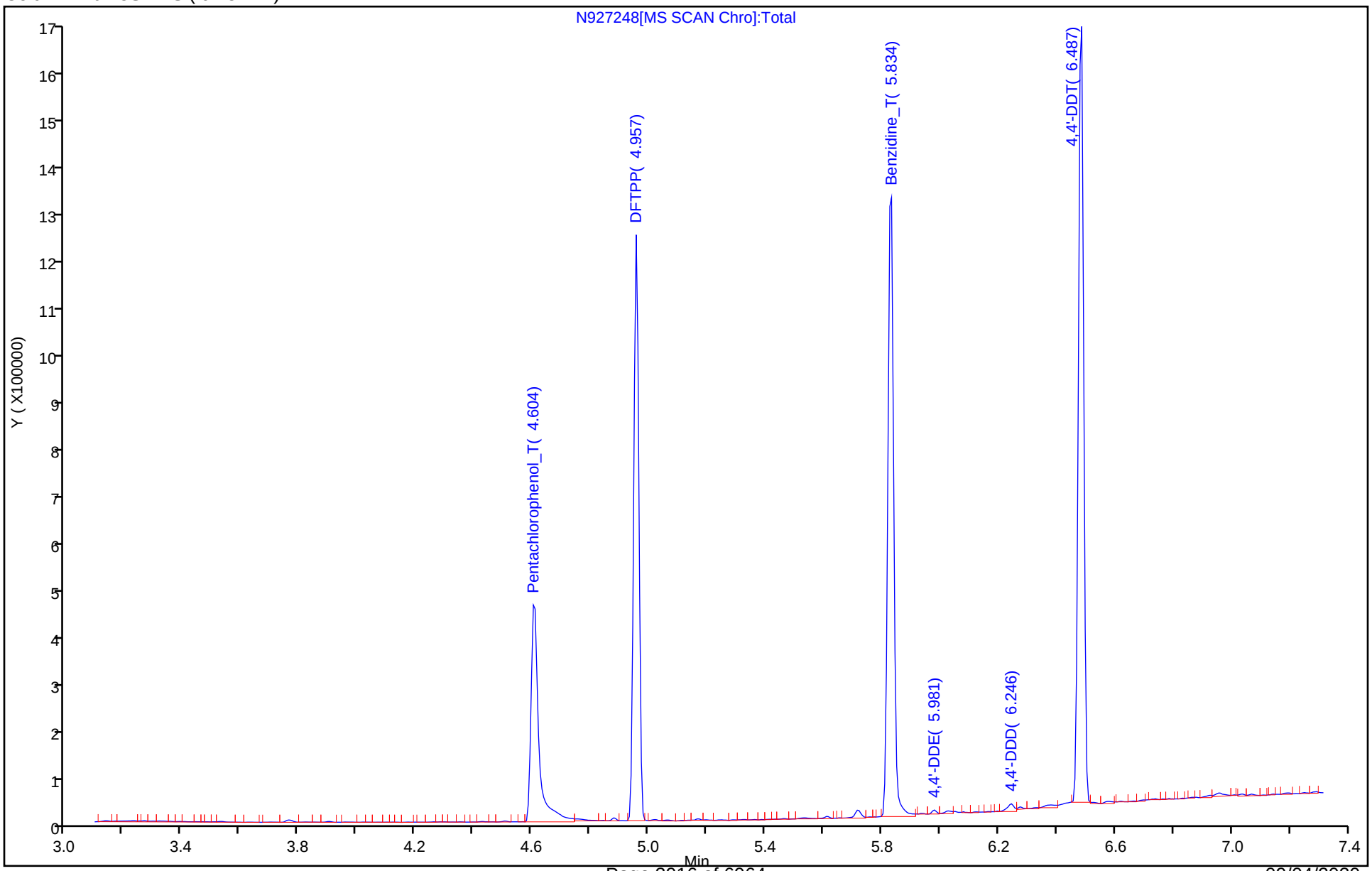
Report Date: 01-Sep-2020 18:46:13 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d

Injection Date:	01-Sep-2020 18:32:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d
Injection Date: 01-Sep-2020 18:32:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL

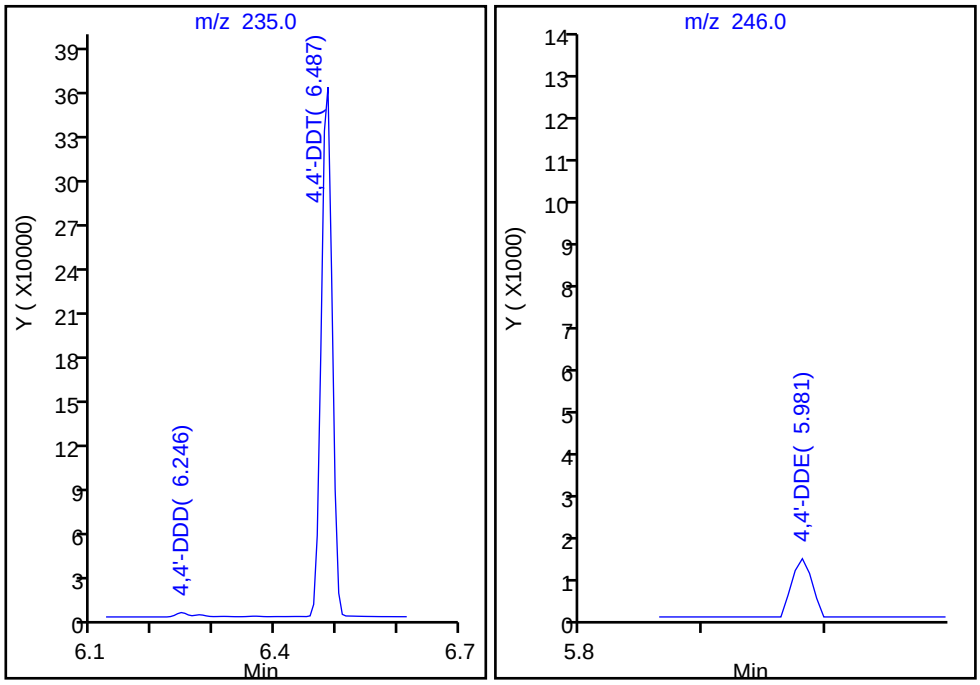
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 446871
126 4,4'-DDD, Area = 3893
125 4,4'-DDE, Area = 1553

%Breakdown: 1.20%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

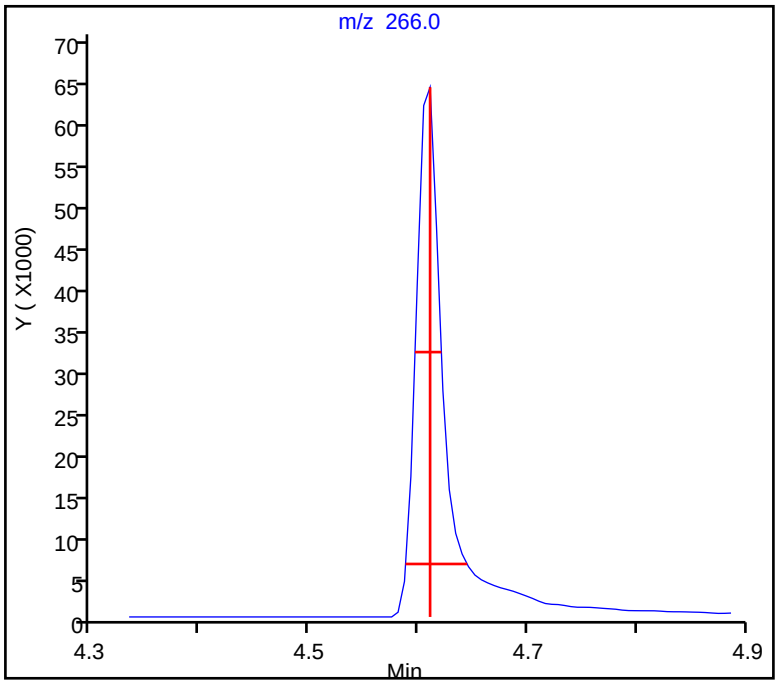
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d
Injection Date: 01-Sep-2020 18:32:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.034 (min.)
Front Width = 0.023 (min.)

Tailing Factor = 1.5, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

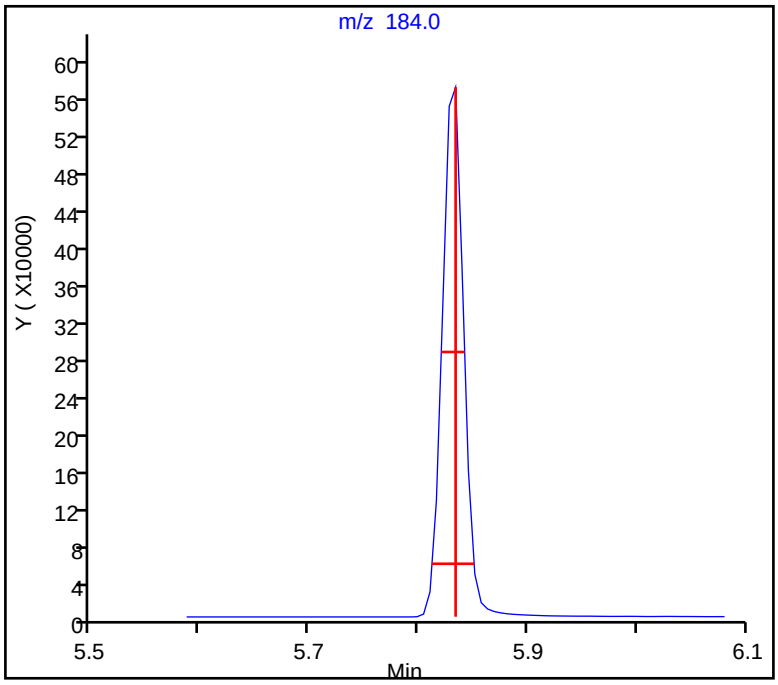
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927248.d
Injection Date: 01-Sep-2020 18:32:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 20-Aug-2020 20:53:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115490-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 21-Aug-2020 07:27:13 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1045

First Level Reviewer: johnstonm1 Date: 21-Aug-2020 07:27:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.286	2.286	0.000	90	62820	NR	NR	
6 Benzidine_T	184	2.883	2.883	0.000	99	389067	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.954	2.954	0.000	55	475		NR	
123 4,4'-DDD	235	3.090	3.090	0.000	74	1618		NR	
124 4,4'-DDT	235	3.214	3.214	0.000	97	154481	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

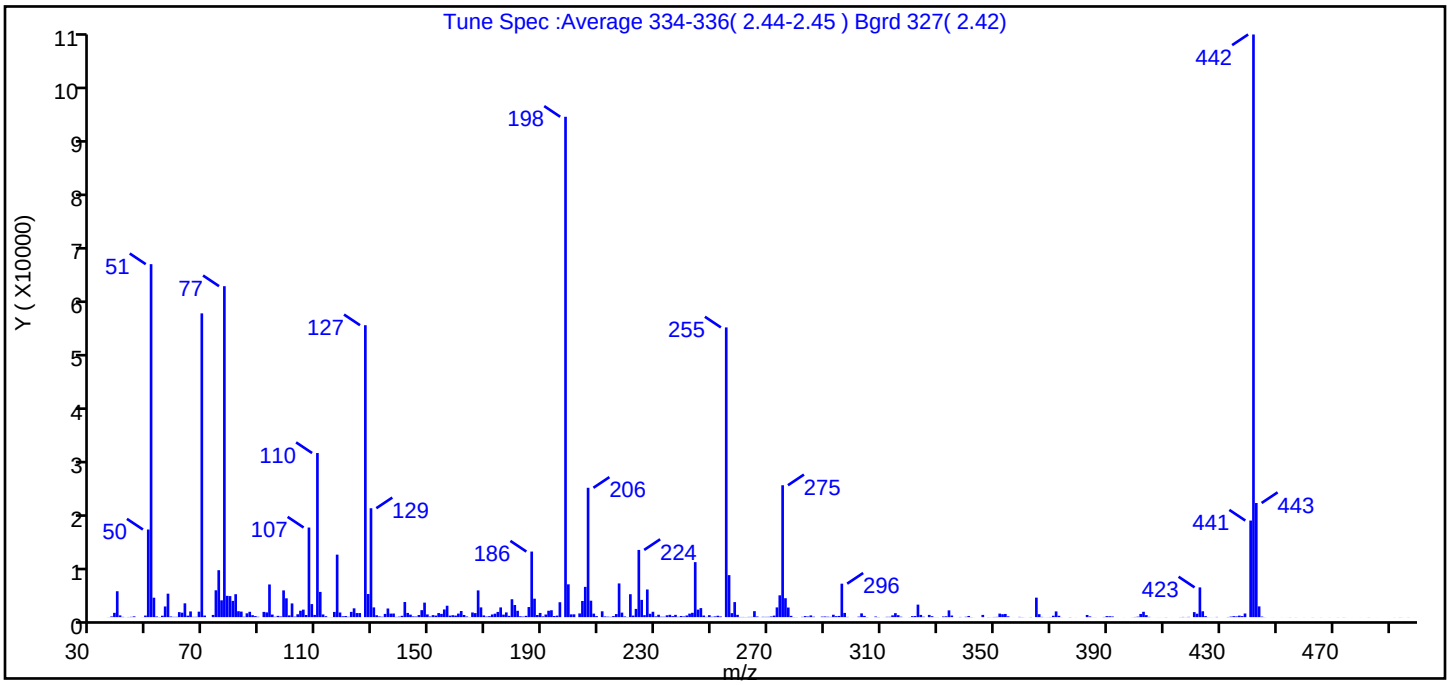
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D
Injection Date: 20-Aug-2020 20:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (85.9)
51	10-80% of the base peak	70.5
68	<2% of mass 69	1.1 (1.8)
69	Present	60.7
70	<2% of mass 69	0.3 (0.5)
127	10-80% of the base peak	58.3
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-60% of the base peak	26.4
365	>1% of mass 198	3.9
441	present but <24% of mass 442	19.3 (16.6)
442	base peak, or >50% of 198	116.4
443	15-24% of mass 442	22.8 (19.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D\8270_15R_9.rslt\spectra.d
Injection Date: 20-Aug-2020 20:53:30
Spectrum: Tune Spec :Average 334-336(2.44-2.45) Bgrd 327(2.42)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 396

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	17	141.00	2764	243.00	791	360.00	24
37.00	130	142.00	770	244.00	10034	361.00	6
38.00	783	143.00	459	245.00	1374	362.00	1
39.00	4724	144.00	134	246.00	1648	363.00	30
40.00	321	145.00	107	247.00	294	365.00	3558
41.00	50	146.00	387	248.00	56	366.00	538
42.00	8	147.00	1277	249.00	358	367.00	46
43.00	32	148.00	2647	250.00	68	368.00	10
44.00	58	149.00	497	251.00	133	369.00	14
45.00	143	150.00	118	252.00	256	370.00	30
48.00	13	151.00	367	253.00	122	371.00	255
49.00	286	152.00	281	255.00	52840	372.00	1047
50.00	15980	153.00	744	256.00	7663	373.00	248
51.00	64376	154.00	599	257.00	729	374.00	13
52.00	3544	155.00	1402	258.00	2746	377.00	27
53.00	121	156.00	2082	259.00	423	379.00	8
54.00	28	157.00	275	260.00	32	380.00	1
55.00	257	158.00	350	261.00	37	383.00	398
56.00	1947	159.00	282	262.00	24	384.00	130
57.00	4282	160.00	644	263.00	48	385.00	10
58.00	119	161.00	1116	264.00	52	386.00	13
59.00	55	162.00	392	265.00	1089	388.00	2
60.00	59	163.00	122	266.00	113	389.00	35
61.00	913	164.00	21	267.00	8	390.00	189
62.00	813	165.00	852	268.00	61	391.00	162
63.00	2518	166.00	733	269.00	51	392.00	122
64.00	271	167.00	4879	270.00	63	394.00	5
65.00	1044	168.00	1779	271.00	127	396.00	6
66.00	57	169.00	313	272.00	279	399.00	11
67.00	60	170.00	107	273.00	1776	400.00	35
68.00	999	171.00	182	274.00	3980	401.00	81
69.00	55400	172.00	487	275.00	24056	402.00	581
70.00	286	173.00	629	276.00	3453	403.00	978

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D\8270_15R_9.rslt\spectra.d
Injection Date: 20-Aug-2020 20:53:30
Spectrum: Tune Spec :Average 334-336(2.44-2.45) Bgrd 327(2.42)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 396

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	404	174.00	951	277.00	1754	404.00	366
74.00	4898	175.00	1775	278.00	237	405.00	50
75.00	8562	176.00	458	279.00	24	406.00	4
76.00	3070	177.00	864	280.00	15	407.00	4
77.00	60360	178.00	237	282.00	55	408.00	8
78.00	3885	179.00	3267	283.00	193	409.00	8
79.00	3839	180.00	2211	284.00	115	410.00	3
80.00	2966	181.00	1161	285.00	314	411.00	20
81.00	4182	182.00	156	286.00	80	412.00	1
82.00	1081	183.00	101	289.00	98	413.00	5
83.00	1012	184.00	237	290.00	117	414.00	2
84.00	74	185.00	1841	291.00	78	416.00	19
85.00	695	186.00	11960	292.00	49	417.00	40
86.00	977	187.00	3367	293.00	440	418.00	12
87.00	352	188.00	383	294.00	173	419.00	48
88.00	188	189.00	766	295.00	220	421.00	915
89.00	66	190.00	144	296.00	6102	422.00	626
91.00	958	191.00	477	297.00	771	423.00	5426
92.00	867	192.00	1166	298.00	43	424.00	1070
93.00	5962	193.00	1256	300.00	5	425.00	183
94.00	471	194.00	207	301.00	3	426.00	16
95.00	66	195.00	275	302.00	91	427.00	10
96.00	238	196.00	2720	303.00	689	428.00	5
97.00	122	198.00	91256	304.00	226	429.00	40
98.00	4879	199.00	5987	305.00	25	430.00	1
99.00	3433	200.00	506	308.00	114	432.00	3
100.00	317	201.00	510	309.00	31	433.00	32
101.00	2502	203.00	675	311.00	8	434.00	98
102.00	97	204.00	2944	312.00	58	435.00	177
103.00	522	205.00	5520	313.00	60	436.00	132
104.00	1170	206.00	23592	314.00	325	437.00	276
105.00	1372	207.00	2998	315.00	727	438.00	192
106.00	389	208.00	642	316.00	354	439.00	665
107.00	16342	209.00	191	317.00	76	441.00	17616

Report Date: 21-Aug-2020 07:27:14 Chrom Revision: 2.3 17-Aug-2020 20:42:08
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D\8270_15R_9.rslt\spectra.d
Injection Date: 20-Aug-2020 20:53:30
Spectrum: Tune Spec :Average 334-336(2.44-2.45) Bgrd 327(2.42)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 396

m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	2382	211.00	1067	318.00	7	442.00	106264
109.00	408	212.00	124	320.00	17	443.00	20816
110.00	29928	213.00	85	321.00	177	444.00	1963
111.00	4604	214.00	55	322.00	200	445.00	103
112.00	494	215.00	195	323.00	2282	446.00	18
113.00	171	216.00	558	324.00	408	448.00	3
114.00	11	217.00	6148	325.00	79	449.00	7
115.00	18	218.00	825	327.00	410	452.00	6
116.00	951	219.00	128	328.00	171	454.00	5
117.00	11399	220.00	36	329.00	12	455.00	17
118.00	849	221.00	4183	330.00	13	457.00	13
119.00	157	222.00	284	332.00	120	458.00	2
120.00	204	223.00	1501	333.00	151	460.00	7
121.00	70	224.00	12256	334.00	1235	463.00	14
122.00	961	225.00	3145	335.00	290	465.00	2
123.00	1607	226.00	356	337.00	6	466.00	11
124.00	745	227.00	5043	338.00	36	469.00	10
125.00	742	228.00	610	340.00	65	472.00	13
127.00	53240	229.00	983	341.00	214	474.00	16
128.00	4217	230.00	135	342.00	27	475.00	5
129.00	19864	231.00	436	343.00	6	477.00	3
130.00	1776	232.00	81	346.00	408	480.00	6
131.00	344	233.00	74	348.00	21	482.00	3
132.00	135	234.00	334	349.00	11	483.00	16
133.00	73	235.00	428	350.00	34	485.00	2
134.00	587	236.00	187	351.00	49	486.00	4
135.00	1578	237.00	417	352.00	645	492.00	10
136.00	651	238.00	62	353.00	536	494.00	17
137.00	660	239.00	212	354.00	582	495.00	6
138.00	48	240.00	130	355.00	145	497.00	15
139.00	97	241.00	300	357.00	6	498.00	1
140.00	244	242.00	641	359.00	46	499.00	5

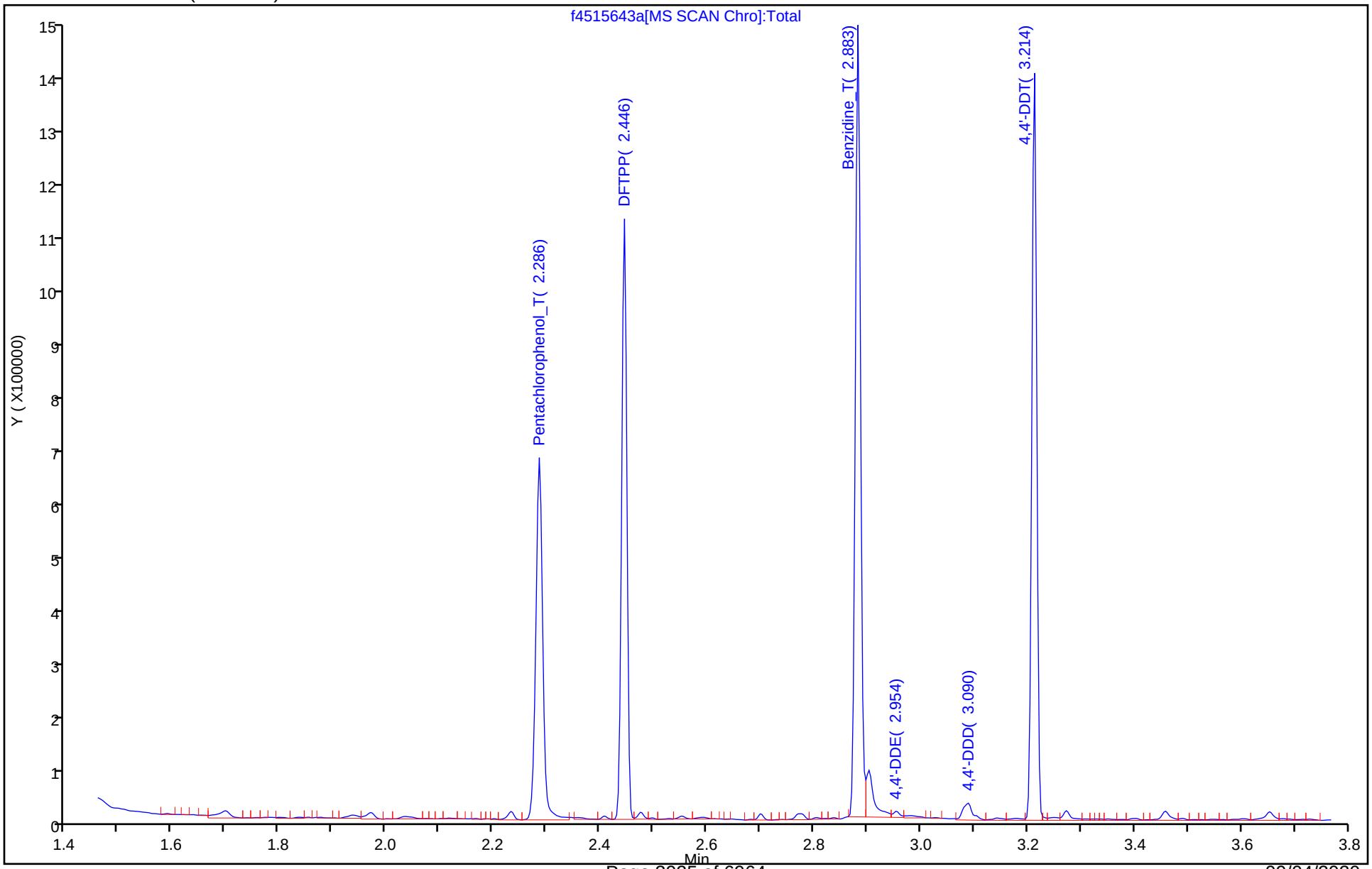
Report Date: 21-Aug-2020 07:27:14 Chrom Revision: 2.3 17-Aug-2020 20:42:08

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D

Injection Date:	20-Aug-2020 20:53:30	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D
Injection Date: 20-Aug-2020 20:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

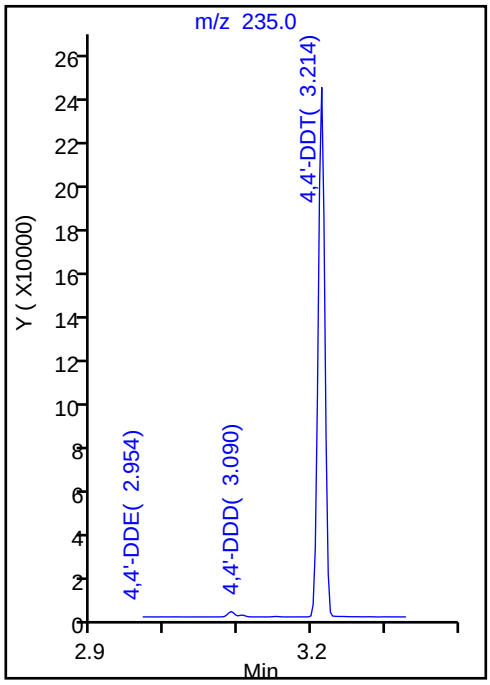
124 4,4'-DDT, Detector: MS SCAN

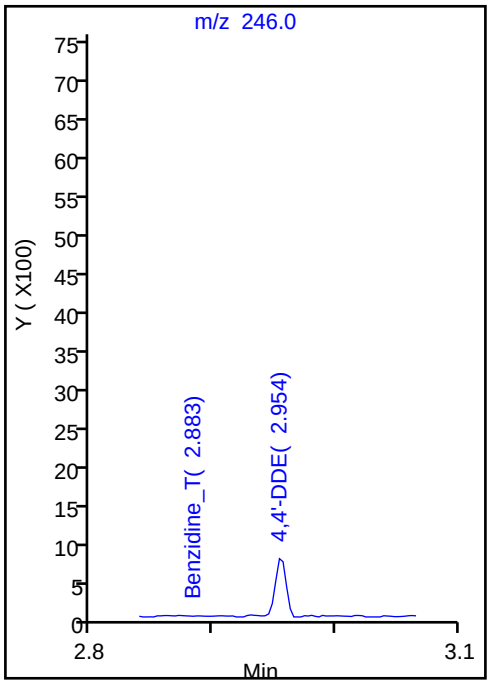
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 154481
123 4,4'-DDD, Area = 1618
122 4,4'-DDE, Area = 475

%Breakdown: 1.34%, <= 20.00%
Passed





Peak Tailing Report

Eurofins TestAmerica, Edison

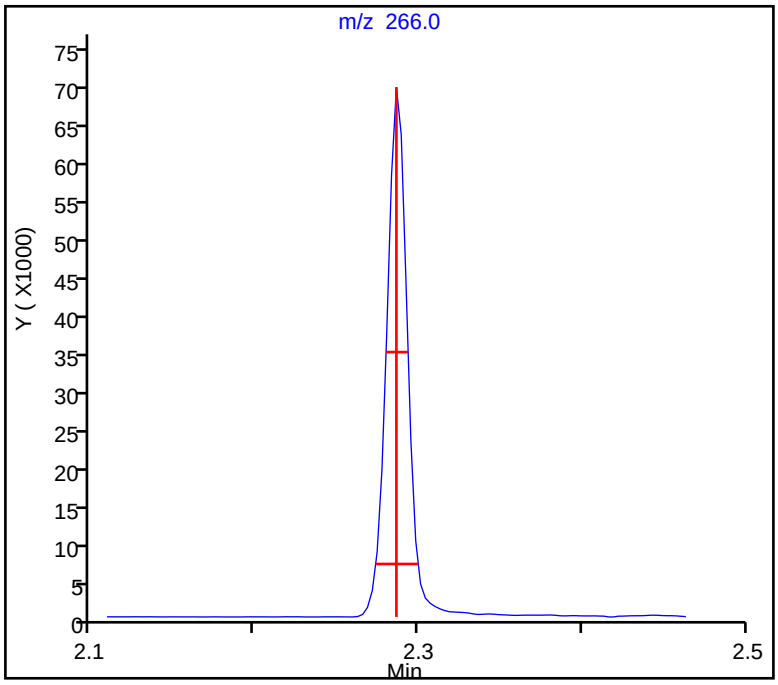
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D
Injection Date: 20-Aug-2020 20:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

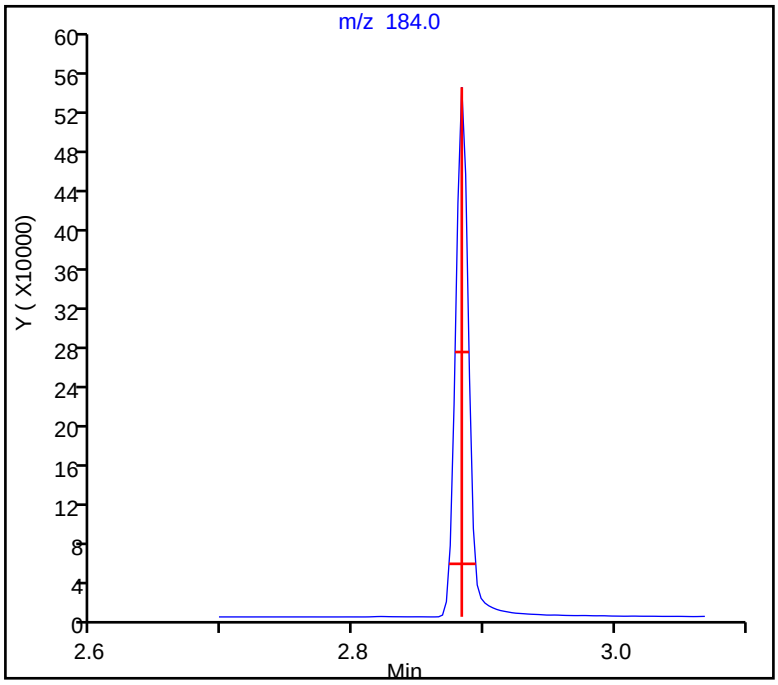
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515643a.D
Injection Date: 20-Aug-2020 20:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

6 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 28-Aug-2020 19:33:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 20:34:05 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1047

First Level Reviewer: hamziy Date: 28-Aug-2020 20:34:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.307	2.307	0.000	89	47201	NR	NR	
6 Benzidine_T	184	2.907	2.907	0.000	99	261119	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.977	2.977	0.000	65	453		NR	
123 4,4'-DDD	235	3.113	3.113	0.000	81	658		NR	
124 4,4'-DDT	235	3.237	3.237	0.000	98	119484	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

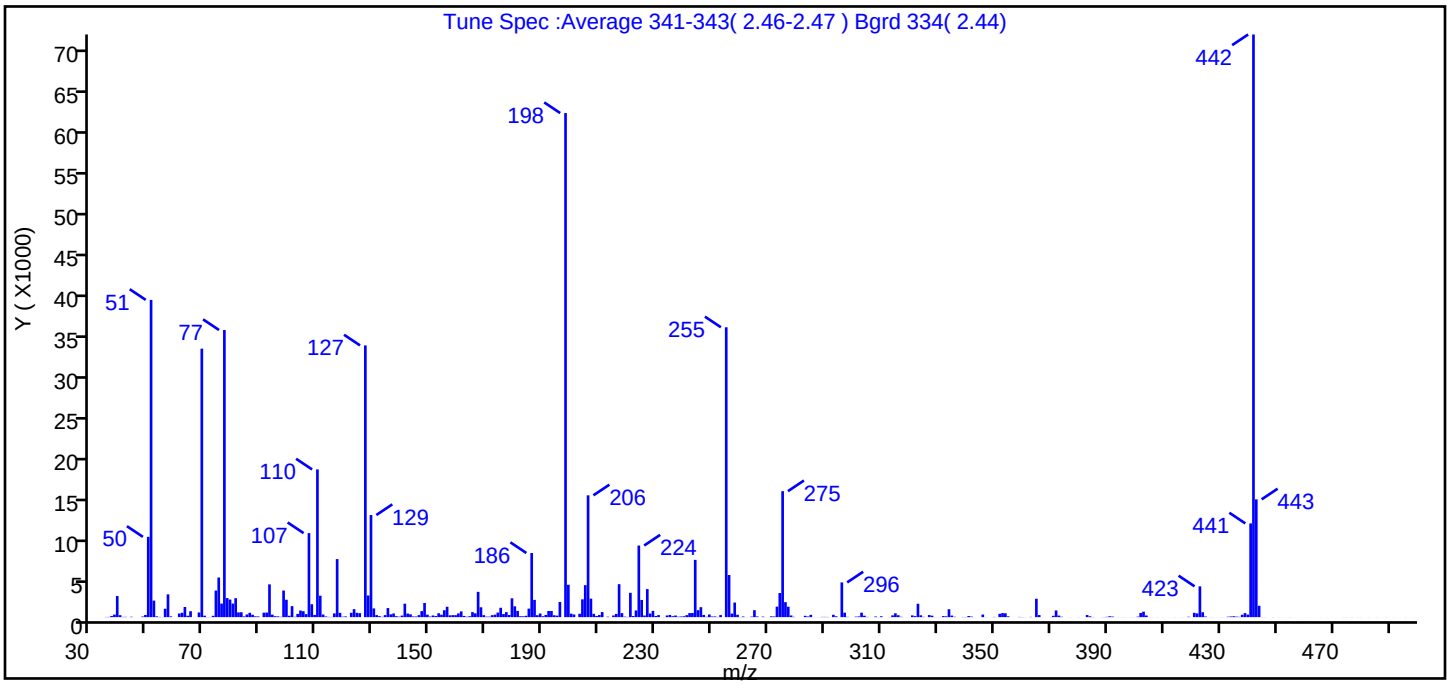
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D
Injection Date: 28-Aug-2020 19:33:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (86.5)
51	10-80% of the base peak	62.9
68	<2% of mass 69	0.9 (1.7)
69	Present	53.3
70	<2% of mass 69	0.3 (0.5)
127	10-80% of the base peak	53.9
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.4
275	10-60% of the base peak	25.0
365	>1% of mass 198	3.7
441	present but <24% of mass 442	18.6 (16.1)
442	base peak, or >50% of 198	115.6
443	15-24% of mass 442	23.4 (20.2)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D\8270_15R_9.rslt\spectra.d
Injection Date: 28-Aug-2020 19:33:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 334(2.44)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 400

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	24	142.00	440	245.00	857	360.00	20
36.00	29	143.00	349	246.00	1223	361.00	9
37.00	147	144.00	85	247.00	266	363.00	31
38.00	311	145.00	79	248.00	45	365.00	2259
39.00	2589	146.00	247	249.00	326	366.00	254
40.00	245	147.00	740	250.00	79	367.00	1
41.00	33	148.00	1732	251.00	84	368.00	4
42.00	36	149.00	300	252.00	26	369.00	2
44.00	48	150.00	76	253.00	251	370.00	10
45.00	2	151.00	204	255.00	35560	371.00	163
48.00	76	152.00	136	256.00	5167	372.00	819
49.00	268	153.00	475	257.00	436	373.00	193
50.00	9849	154.00	297	258.00	1791	374.00	47
51.00	38920	155.00	846	259.00	291	377.00	10
52.00	2032	156.00	1277	260.00	16	378.00	1
53.00	95	157.00	224	261.00	78	380.00	8
54.00	31	158.00	244	262.00	9	383.00	257
55.00	11	159.00	241	263.00	2	384.00	107
56.00	1030	160.00	453	264.00	64	385.00	23
57.00	2794	161.00	706	265.00	855	386.00	6
58.00	93	162.00	149	266.00	83	388.00	4
59.00	1	163.00	55	268.00	66	389.00	17
61.00	446	164.00	111	269.00	6	390.00	38
62.00	534	165.00	614	270.00	8	391.00	109
63.00	1244	166.00	467	271.00	100	392.00	73
64.00	171	167.00	3103	272.00	82	393.00	2
65.00	727	168.00	1211	273.00	1289	394.00	6
66.00	3	169.00	244	274.00	2957	395.00	6
68.00	569	170.00	60	275.00	15454	396.00	9
69.00	32936	171.00	63	276.00	1838	397.00	3
70.00	179	172.00	244	277.00	1276	398.00	6
71.00	18	173.00	302	278.00	206	399.00	8
72.00	15	174.00	562	279.00	37	401.00	61

Report Date: 28-Aug-2020 20:34:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D\8270_15R_9.rslt\spectra.d
Injection Date: 28-Aug-2020 19:33:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 334(2.44)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 400

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	165	175.00	1148	283.00	162	402.00	506
74.00	3262	176.00	380	284.00	83	403.00	673
75.00	4861	177.00	616	285.00	286	404.00	201
76.00	1663	178.00	266	286.00	7	405.00	4
77.00	35224	179.00	2312	287.00	5	406.00	3
78.00	2337	180.00	1327	288.00	7	407.00	1
79.00	2158	181.00	761	289.00	30	408.00	10
80.00	1666	182.00	115	290.00	32	410.00	6
81.00	2325	183.00	107	291.00	23	412.00	3
82.00	583	184.00	167	293.00	289	414.00	8
83.00	601	185.00	1047	294.00	105	416.00	5
84.00	92	186.00	7869	296.00	4261	417.00	7
85.00	333	187.00	2117	297.00	549	419.00	48
86.00	530	188.00	239	298.00	37	421.00	529
87.00	291	189.00	449	301.00	61	422.00	456
88.00	96	190.00	113	302.00	87	423.00	3779
89.00	85	191.00	271	303.00	543	424.00	599
91.00	550	192.00	754	304.00	174	425.00	76
92.00	558	193.00	756	305.00	30	426.00	4
93.00	4022	194.00	230	306.00	1	427.00	9
94.00	303	195.00	188	308.00	81	428.00	3
95.00	117	196.00	1862	309.00	9	429.00	5
96.00	94	198.00	61840	310.00	105	430.00	6
97.00	39	199.00	3972	311.00	1	431.00	7
98.00	3264	200.00	426	313.00	16	432.00	2
99.00	2131	201.00	325	314.00	219	433.00	53
100.00	172	203.00	415	315.00	471	434.00	83
101.00	1350	204.00	2185	316.00	236	435.00	109
102.00	44	205.00	3923	317.00	47	436.00	66
103.00	398	206.00	14945	318.00	5	437.00	36
104.00	807	207.00	2264	319.00	6	438.00	293
105.00	728	208.00	407	320.00	2	439.00	493
106.00	367	209.00	146	321.00	212	440.00	311
107.00	10306	210.00	261	322.00	125	441.00	11498

Report Date: 28-Aug-2020 20:34:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D\8270_15R_9.rslt\spectra.d
Injection Date: 28-Aug-2020 19:33:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 334(2.44)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 400

m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	1584	211.00	622	323.00	1641	442.00	71480
109.00	273	213.00	57	324.00	225	443.00	14449
110.00	18120	214.00	5	325.00	37	444.00	1392
111.00	2631	215.00	204	326.00	2	445.00	9
112.00	321	216.00	396	327.00	254	446.00	9
113.00	83	217.00	4044	328.00	179	449.00	9
114.00	30	218.00	492	329.00	8	451.00	4
115.00	28	219.00	59	330.00	7	452.00	3
116.00	460	220.00	26	331.00	9	455.00	10
117.00	7120	221.00	2985	332.00	127	457.00	2
118.00	525	222.00	136	333.00	102	458.00	1
119.00	56	223.00	819	334.00	966	460.00	2
120.00	90	224.00	8785	335.00	193	462.00	3
121.00	6	225.00	2109	336.00	47	465.00	2
122.00	535	226.00	201	337.00	1	466.00	3
123.00	981	227.00	3442	338.00	1	468.00	5
124.00	535	228.00	441	339.00	24	469.00	3
125.00	490	229.00	768	340.00	20	471.00	4
127.00	33336	230.00	142	341.00	138	474.00	9
128.00	2657	231.00	252	342.00	70	475.00	8
129.00	12528	232.00	1	343.00	9	477.00	10
130.00	1069	233.00	11	346.00	321	479.00	4
131.00	252	234.00	202	347.00	9	480.00	6
132.00	121	235.00	271	349.00	4	483.00	6
133.00	33	236.00	111	350.00	30	485.00	3
134.00	248	237.00	199	351.00	1	486.00	7
135.00	1114	238.00	58	352.00	405	488.00	3
136.00	340	239.00	80	353.00	501	489.00	8
137.00	449	240.00	111	354.00	473	492.00	5
138.00	117	241.00	244	355.00	101	494.00	1
139.00	57	242.00	497	356.00	2	496.00	6
140.00	193	243.00	511	357.00	3	499.00	5
141.00	1650	244.00	7027	359.00	28	500.00	1

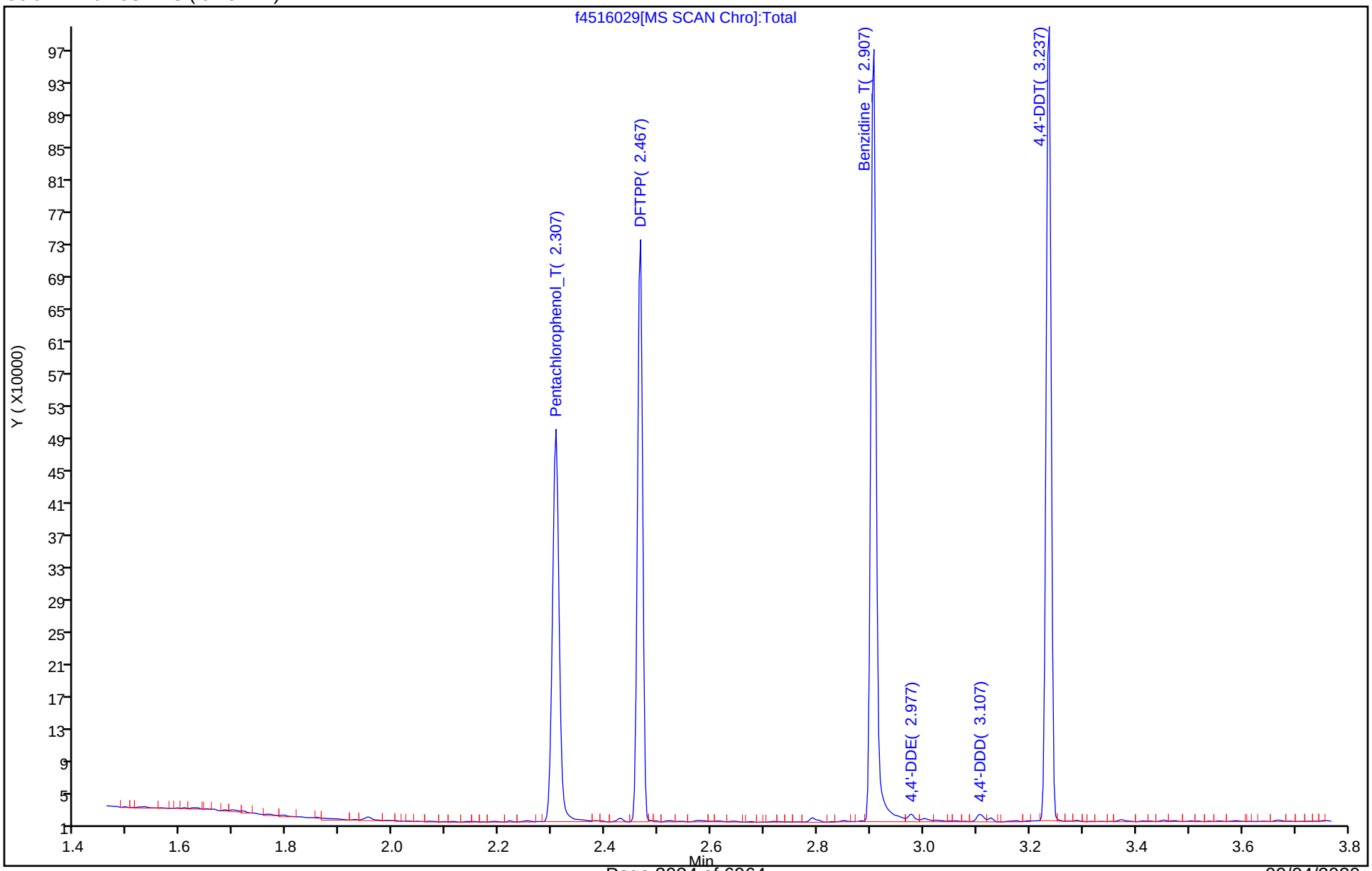
Report Date: 28-Aug-2020 20:34:06 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D

Injection Date:	28-Aug-2020 19:33:30	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D
Injection Date: 28-Aug-2020 19:33:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

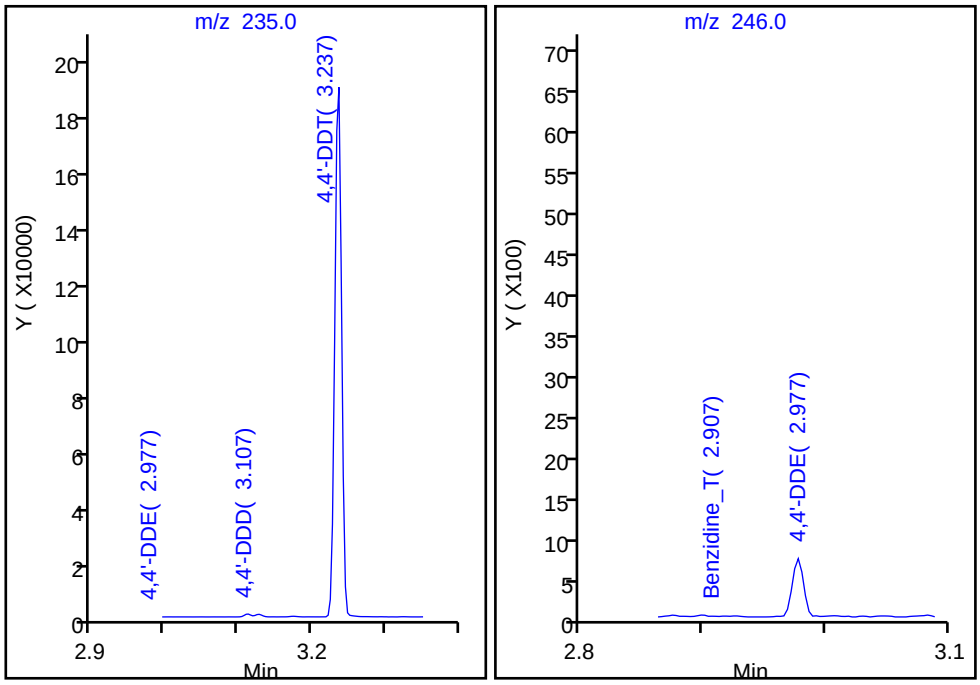
124 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 119484
123 4,4'-DDD, Area = 658
122 4,4'-DDE, Area = 453

%Breakdown: 0.92%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

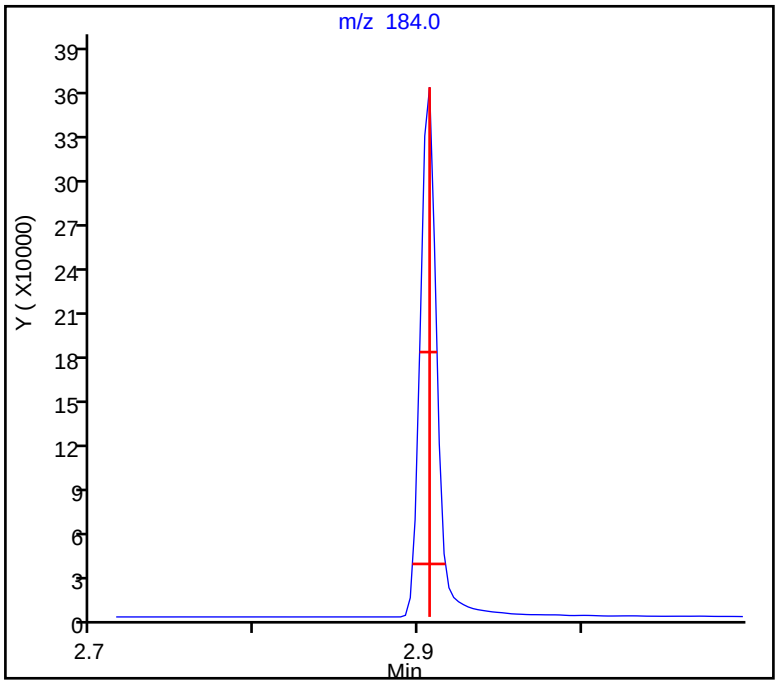
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D
Injection Date: 28-Aug-2020 19:33:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

6 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

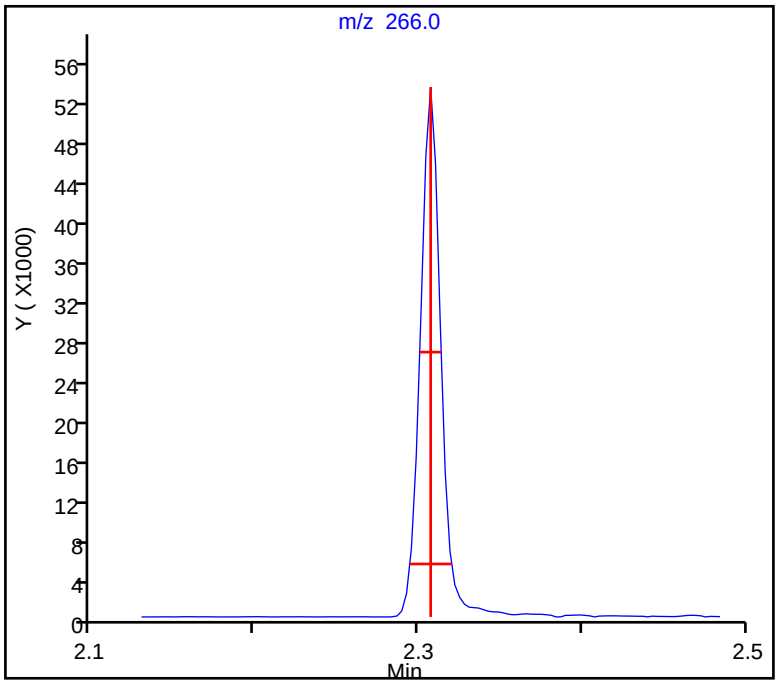
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516029.D
Injection Date: 28-Aug-2020 19:33:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Aug-2020 17:05:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115993-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:54:38 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: khlungprakhons Date: 31-Aug-2020 08:54:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.307	2.307	0.000	90	42623	NR	NR	
6 Benzidine_T	184	2.907	2.907	0.000	99	235678	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.978	2.978	0.000	61	357		NR	
123 4,4'-DDD	235	3.114	3.114	0.000	67	429		NR	
124 4,4'-DDT	235	3.238	3.238	0.000	98	107170	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

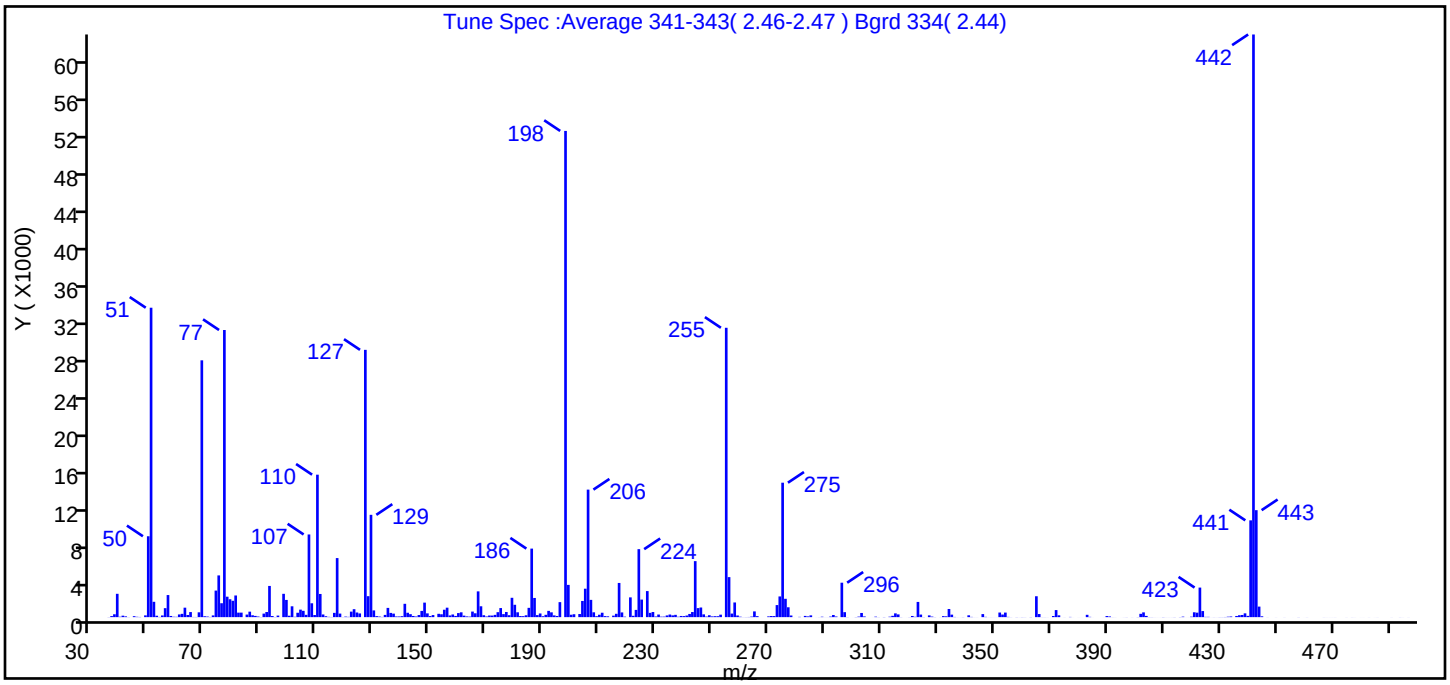
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D
Injection Date: 29-Aug-2020 17:05:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (83.4)
51	10-80% of the base peak	63.6
68	<2% of mass 69	1.0 (1.9)
69	Present	52.8
70	<2% of mass 69	0.2 (0.3)
127	10-80% of the base peak	55.0
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-60% of the base peak	27.7
365	>1% of mass 198	4.3
441	present but <24% of mass 442	19.9 (16.6)
442	base peak, or >50% of 198	119.8
443	15-24% of mass 442	22.0 (18.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D\8270_15R_9.rslt\spectra.d
Injection Date: 29-Aug-2020 17:05:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 334(2.44)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 394

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	13	139.00	71	244.00	6030	359.00	4
37.00	114	140.00	103	245.00	972	360.00	10
38.00	308	141.00	1436	246.00	1038	361.00	7
39.00	2512	142.00	472	247.00	300	363.00	13
40.00	43	143.00	319	248.00	63	365.00	2250
41.00	157	144.00	127	249.00	205	366.00	333
42.00	84	145.00	69	250.00	80	367.00	7
43.00	10	146.00	226	251.00	101	368.00	7
45.00	102	147.00	672	252.00	99	369.00	4
46.00	38	148.00	1563	253.00	266	371.00	122
47.00	20	149.00	406	255.00	31152	372.00	760
49.00	190	150.00	118	256.00	4308	373.00	195
50.00	8708	151.00	224	257.00	384	374.00	1
51.00	33312	153.00	358	258.00	1580	375.00	5
52.00	1652	154.00	310	259.00	177	377.00	24
53.00	152	155.00	798	260.00	47	378.00	2
54.00	23	156.00	1019	261.00	8	380.00	3
55.00	181	157.00	183	262.00	12	381.00	2
56.00	967	158.00	286	263.00	19	383.00	251
57.00	2378	159.00	130	264.00	60	384.00	30
58.00	127	160.00	438	265.00	618	385.00	2
59.00	42	161.00	520	266.00	106	389.00	3
60.00	35	162.00	162	270.00	81	390.00	118
61.00	291	163.00	78	271.00	122	391.00	72
62.00	355	164.00	56	272.00	114	392.00	7
63.00	1019	165.00	600	273.00	1298	393.00	4
64.00	232	166.00	415	274.00	2229	395.00	1
65.00	547	167.00	2775	275.00	14474	396.00	4
66.00	20	168.00	1170	276.00	1975	397.00	8
67.00	18	169.00	205	277.00	1062	399.00	5
68.00	519	170.00	72	278.00	176	401.00	12
69.00	27648	171.00	176	279.00	3	402.00	357
70.00	96	172.00	170	281.00	29	403.00	513

Report Date: 31-Aug-2020 08:54:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D\8270_15R_9.rslt\spectra.d
Injection Date: 29-Aug-2020 17:05:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 334(2.44)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 394

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	65	173.00	244	282.00	1	404.00	133
72.00	19	174.00	534	283.00	133	405.00	10
73.00	186	175.00	978	284.00	80	406.00	9
74.00	2859	176.00	327	285.00	190	407.00	4
75.00	4493	177.00	555	286.00	1	408.00	3
76.00	1498	178.00	209	287.00	3	409.00	3
77.00	30912	179.00	2084	288.00	7	410.00	13
78.00	2201	180.00	1331	289.00	46	411.00	4
79.00	1926	181.00	521	290.00	4	412.00	4
80.00	1762	182.00	119	291.00	5	413.00	4
81.00	2332	183.00	106	292.00	62	414.00	10
82.00	485	184.00	199	293.00	232	416.00	14
83.00	486	185.00	1001	294.00	66	417.00	54
85.00	277	186.00	7379	296.00	3708	418.00	2
86.00	591	187.00	2065	297.00	536	419.00	3
87.00	200	188.00	220	298.00	12	420.00	50
88.00	134	189.00	395	300.00	1	421.00	523
89.00	67	190.00	98	301.00	15	422.00	481
90.00	14	191.00	251	302.00	57	423.00	3183
91.00	379	192.00	675	303.00	449	424.00	654
92.00	550	193.00	517	304.00	75	425.00	29
93.00	3359	194.00	188	307.00	2	426.00	31
94.00	120	195.00	125	308.00	52	427.00	3
95.00	16	196.00	1615	309.00	9	428.00	7
96.00	168	198.00	52344	311.00	16	429.00	4
97.00	1	199.00	3473	313.00	48	430.00	10
98.00	2512	200.00	259	314.00	142	431.00	10
99.00	1853	201.00	313	315.00	407	432.00	17
100.00	152	203.00	337	316.00	294	433.00	47
101.00	1168	204.00	1742	317.00	10	434.00	71
102.00	39	205.00	3062	318.00	1	436.00	125
103.00	472	206.00	13729	319.00	2	437.00	204
104.00	808	207.00	1859	320.00	11	438.00	232
105.00	682	208.00	521	321.00	125	439.00	409

Report Date: 31-Aug-2020 08:54:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D\8270_15R_9.rslt\spectra.d
Injection Date: 29-Aug-2020 17:05:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 334(2.44)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 394

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	248	209.00	101	322.00	36	440.00	137
107.00	8900	210.00	260	323.00	1638	441.00	10420
108.00	1493	211.00	475	324.00	276	442.00	62728
109.00	228	212.00	110	325.00	14	443.00	11516
110.00	15337	213.00	88	327.00	189	444.00	1135
111.00	2495	215.00	161	328.00	59	445.00	90
112.00	288	216.00	360	329.00	10	447.00	5
113.00	98	217.00	3681	331.00	5	450.00	4
114.00	31	218.00	507	332.00	109	453.00	5
115.00	17	219.00	52	333.00	88	456.00	1
116.00	460	221.00	2128	334.00	877	458.00	8
117.00	6359	222.00	146	335.00	270	460.00	1
118.00	383	223.00	779	336.00	22	461.00	5
119.00	11	224.00	7319	337.00	5	467.00	5
120.00	58	225.00	1890	338.00	3	468.00	3
121.00	31	227.00	2805	339.00	10	469.00	3
122.00	595	228.00	461	341.00	197	470.00	3
123.00	857	229.00	553	342.00	26	471.00	4
124.00	500	230.00	68	343.00	5	475.00	4
125.00	399	231.00	280	344.00	4	477.00	5
127.00	28776	232.00	53	346.00	329	478.00	3
128.00	2256	233.00	56	347.00	30	480.00	2
129.00	11016	234.00	184	348.00	5	481.00	2
130.00	724	235.00	280	349.00	5	483.00	4
131.00	110	236.00	189	350.00	3	485.00	2
132.00	64	237.00	248	351.00	3	486.00	4
133.00	22	238.00	41	352.00	496	491.00	4
134.00	241	239.00	127	353.00	281	494.00	6
135.00	995	240.00	113	354.00	491	495.00	3
136.00	455	241.00	172	355.00	28	497.00	4
137.00	378	242.00	343	356.00	7		
138.00	71	243.00	550	358.00	10		

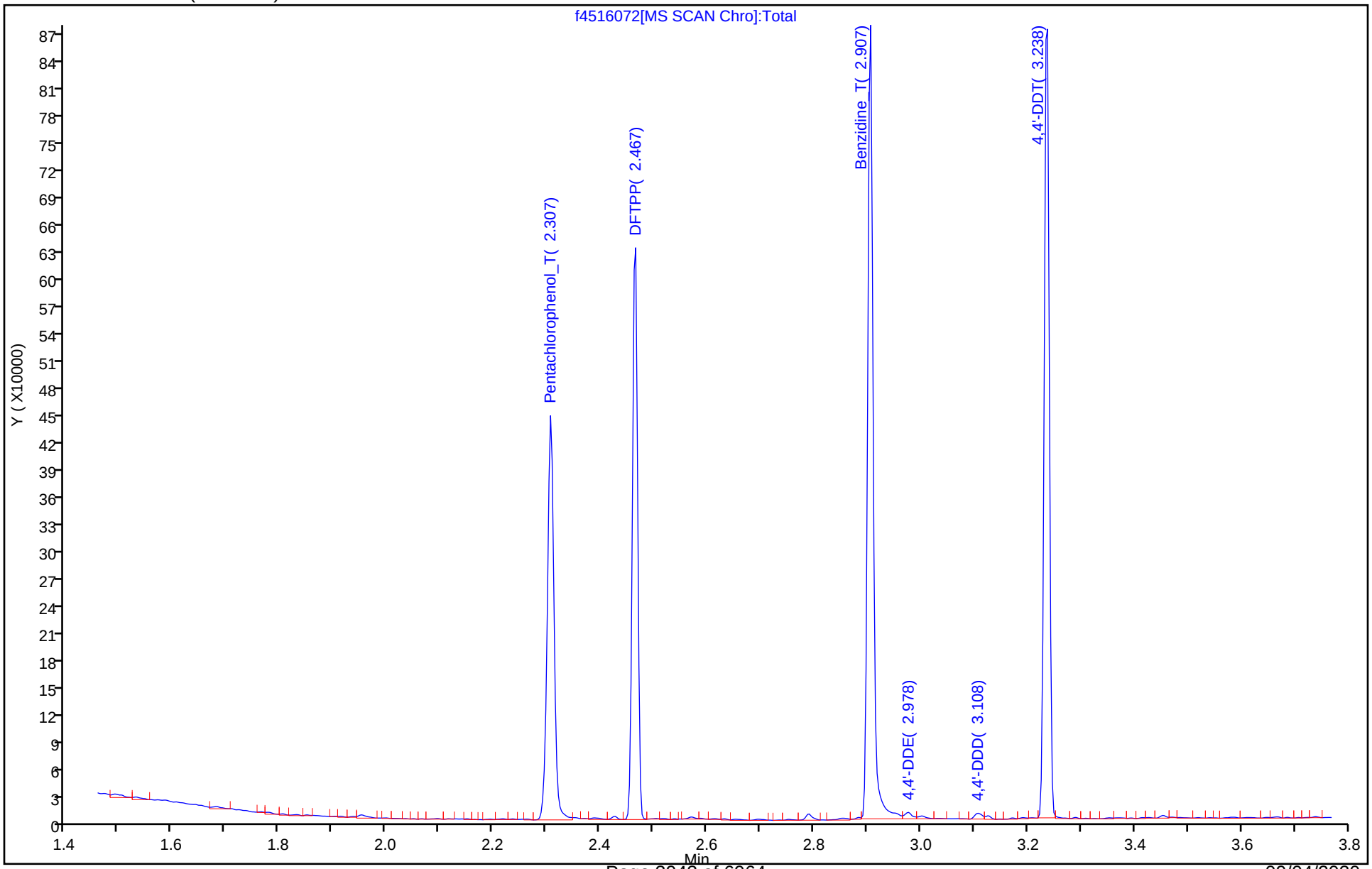
Report Date: 31-Aug-2020 08:54:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D

Injection Date:	29-Aug-2020 17:05:30	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D
Injection Date: 29-Aug-2020 17:05:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

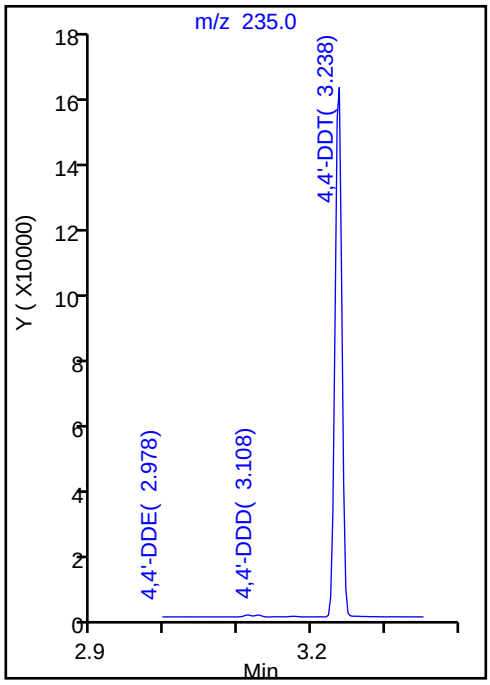
124 4,4'-DDT, Detector: MS SCAN

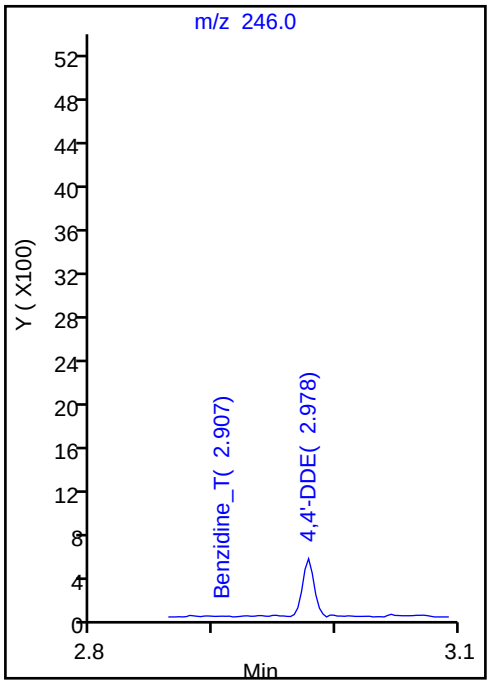
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 107170
123 4,4'-DDD, Area = 429
122 4,4'-DDE, Area = 357

%Breakdown: 0.73%, <= 20.00%
Passed





Peak Tailing Report

Eurofins TestAmerica, Edison

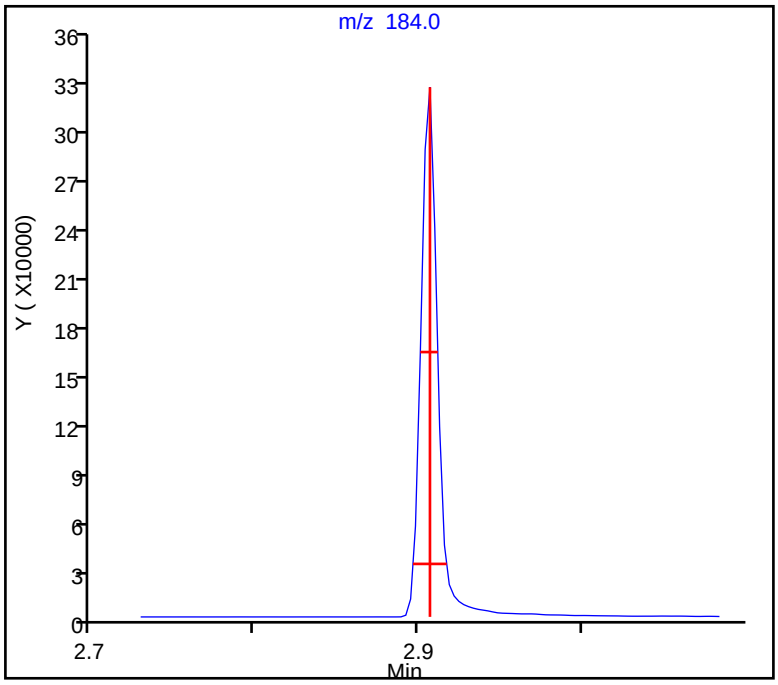
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D
Injection Date: 29-Aug-2020 17:05:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

6 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

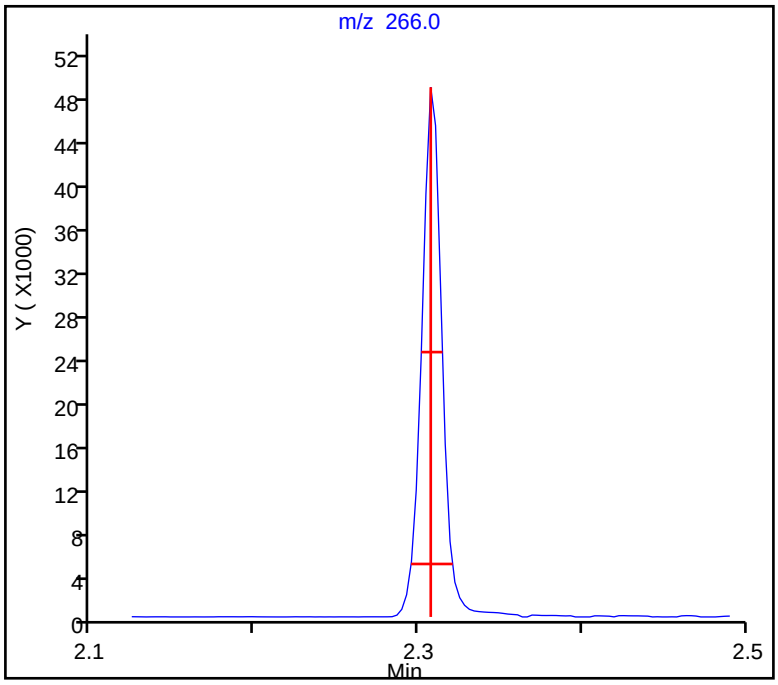
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200829-115993.b\f4516072.D
Injection Date: 29-Aug-2020 17:05:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 30-Aug-2020 21:53:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116021-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:30:49 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: hamziy Date: 30-Aug-2020 22:13:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.310	2.310	0.000	90	45382	NR	NR	
6 Benzidine_T	184	2.907	2.907	0.000	99	247081	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.978	2.978	0.000	58	430		NR	
123 4,4'-DDD	235	3.114	3.114	0.000	75	379		NR	
124 4,4'-DDT	235	3.239	3.239	0.000	97	110520	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

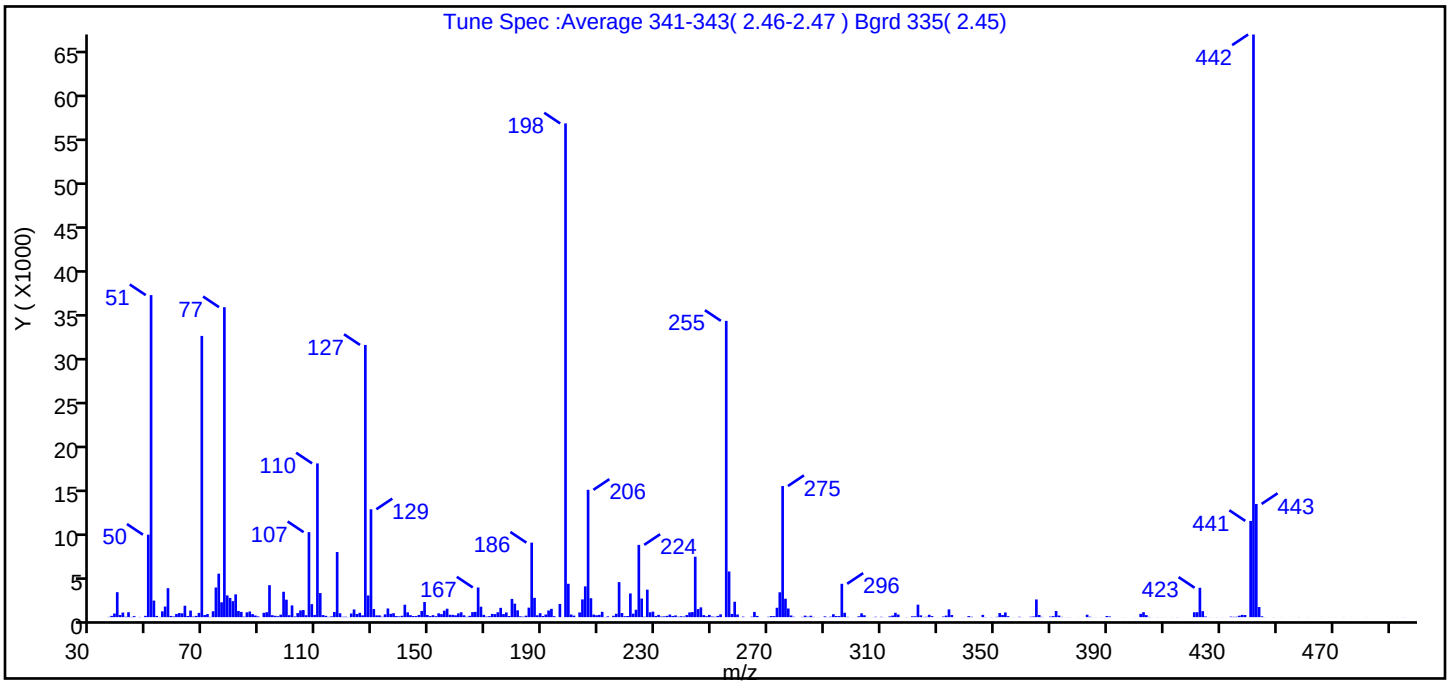
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D
Injection Date: 30-Aug-2020 21:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (84.7)
51	10-80% of the base peak	65.2
68	<2% of mass 69	0.9 (1.5)
69	Present	57.0
70	<2% of mass 69	0.4 (0.8)
127	10-80% of the base peak	55.1
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.8
275	10-60% of the base peak	26.6
365	>1% of mass 198	3.6
441	present but <24% of mass 442	19.5 (16.5)
442	base peak, or >50% of 198	118.0
443	15-24% of mass 442	22.9 (19.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Aug-2020 21:53:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 335(2.45)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 384

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	28	135.00	984	235.00	294	347.00	17
37.00	145	136.00	379	236.00	126	348.00	1
38.00	408	137.00	448	237.00	197	349.00	13
39.00	2829	138.00	121	238.00	52	350.00	2
40.00	242	139.00	88	239.00	101	351.00	36
41.00	523	140.00	153	240.00	71	352.00	462
42.00	45	141.00	1406	241.00	234	353.00	250
43.00	559	142.00	545	242.00	535	354.00	527
44.00	25	143.00	225	243.00	575	355.00	104
45.00	115	144.00	124	244.00	6851	357.00	11
47.00	24	145.00	120	245.00	909	359.00	41
49.00	147	146.00	253	246.00	1107	360.00	8
50.00	9344	147.00	703	247.00	228	363.00	48
51.00	36496	148.00	1718	248.00	110	364.00	72
52.00	1877	149.00	251	249.00	256	365.00	2005
53.00	139	150.00	122	250.00	72	366.00	241
54.00	24	151.00	222	251.00	41	367.00	31
55.00	659	152.00	106	252.00	142	369.00	1
56.00	1200	153.00	434	253.00	317	370.00	68
57.00	3280	154.00	342	255.00	33576	371.00	114
58.00	141	155.00	735	256.00	5178	372.00	697
59.00	79	156.00	955	257.00	364	373.00	182
60.00	355	157.00	270	258.00	1743	374.00	32
61.00	461	158.00	258	259.00	302	376.00	11
62.00	436	159.00	205	260.00	6	377.00	11
63.00	1291	160.00	426	261.00	59	379.00	1
64.00	129	161.00	553	264.00	51	380.00	6
65.00	741	162.00	209	265.00	596	382.00	4
66.00	67	163.00	40	266.00	133	383.00	274
67.00	142	164.00	151	267.00	4	384.00	49
68.00	481	165.00	568	270.00	43	385.00	6
69.00	31872	166.00	596	271.00	127	386.00	11
70.00	240	167.00	3362	272.00	117	388.00	8

Report Date: 31-Aug-2020 08:30:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Aug-2020 21:53:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 335(2.45)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 384

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	355	168.00	1182	273.00	1062	390.00	134
72.00	30	169.00	260	274.00	2817	391.00	77
73.00	670	170.00	64	275.00	14858	392.00	2
74.00	3357	171.00	114	276.00	2088	394.00	2
75.00	4927	172.00	365	277.00	980	395.00	1
76.00	1684	173.00	340	278.00	189	396.00	6
77.00	35128	174.00	556	279.00	40	397.00	4
78.00	2464	175.00	1054	281.00	2	399.00	1
79.00	2176	176.00	349	282.00	34	400.00	8
80.00	1813	177.00	533	283.00	170	402.00	372
81.00	2576	178.00	130	284.00	51	403.00	560
82.00	700	179.00	2067	285.00	161	404.00	229
83.00	595	180.00	1528	286.00	29	405.00	30
84.00	58	181.00	774	288.00	10	406.00	3
85.00	546	182.00	93	290.00	91	408.00	10
86.00	640	183.00	54	291.00	13	410.00	6
87.00	344	184.00	165	292.00	54	411.00	3
88.00	184	185.00	1077	293.00	328	413.00	5
89.00	86	186.00	8444	294.00	122	415.00	12
91.00	490	187.00	2189	295.00	118	417.00	2
92.00	560	188.00	210	296.00	3779	418.00	2
93.00	3620	189.00	450	297.00	495	420.00	1
94.00	219	190.00	133	298.00	36	421.00	551
95.00	153	191.00	298	299.00	4	422.00	561
96.00	109	192.00	753	300.00	2	423.00	3329
97.00	278	193.00	939	301.00	4	424.00	679
98.00	2875	194.00	109	302.00	98	425.00	72
99.00	1978	196.00	1496	303.00	431	426.00	5
100.00	222	198.00	55952	304.00	210	427.00	6
101.00	1331	199.00	3781	305.00	8	429.00	9
102.00	82	200.00	296	307.00	8	430.00	2
103.00	459	201.00	169	308.00	43	431.00	7
104.00	760	203.00	531	309.00	3	432.00	2
105.00	803	204.00	2012	310.00	38	434.00	58

Report Date: 31-Aug-2020 08:30:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Aug-2020 21:53:30
Spectrum: Tune Spec :Average 341-343(2.46-2.47) Bgrd 335(2.45)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 384

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	221	205.00	3486	311.00	10	435.00	34
107.00	9631	206.00	14430	313.00	89	436.00	48
108.00	1473	207.00	2145	314.00	181	437.00	167
109.00	251	208.00	294	315.00	494	438.00	259
110.00	17424	209.00	214	316.00	294	439.00	240
111.00	2727	210.00	261	317.00	2	441.00	10905
112.00	235	211.00	606	318.00	2	442.00	66032
113.00	151	212.00	17	319.00	15	443.00	12828
114.00	36	213.00	90	321.00	98	444.00	1145
115.00	92	215.00	152	322.00	101	445.00	97
116.00	584	216.00	380	323.00	1415	446.00	11
117.00	7379	217.00	3967	324.00	204	449.00	10
118.00	441	218.00	465	325.00	23	452.00	7
119.00	41	219.00	105	326.00	44	455.00	4
120.00	53	220.00	130	327.00	269	458.00	9
121.00	16	221.00	2688	328.00	116	461.00	8
122.00	414	222.00	396	329.00	3	466.00	4
123.00	871	223.00	837	330.00	7	469.00	4
124.00	355	224.00	8190	331.00	3	471.00	6
125.00	490	225.00	2109	332.00	70	474.00	8
126.00	205	226.00	50	333.00	171	477.00	4
127.00	30848	227.00	3116	334.00	880	480.00	1
128.00	2458	228.00	555	335.00	238	482.00	5
129.00	12225	229.00	629	336.00	6	487.00	1
130.00	915	230.00	135	339.00	9	491.00	4
131.00	200	231.00	258	341.00	118	493.00	5
132.00	204	232.00	72	342.00	47	495.00	5
133.00	45	233.00	93	344.00	3	496.00	8
134.00	316	234.00	146	346.00	256	499.00	3

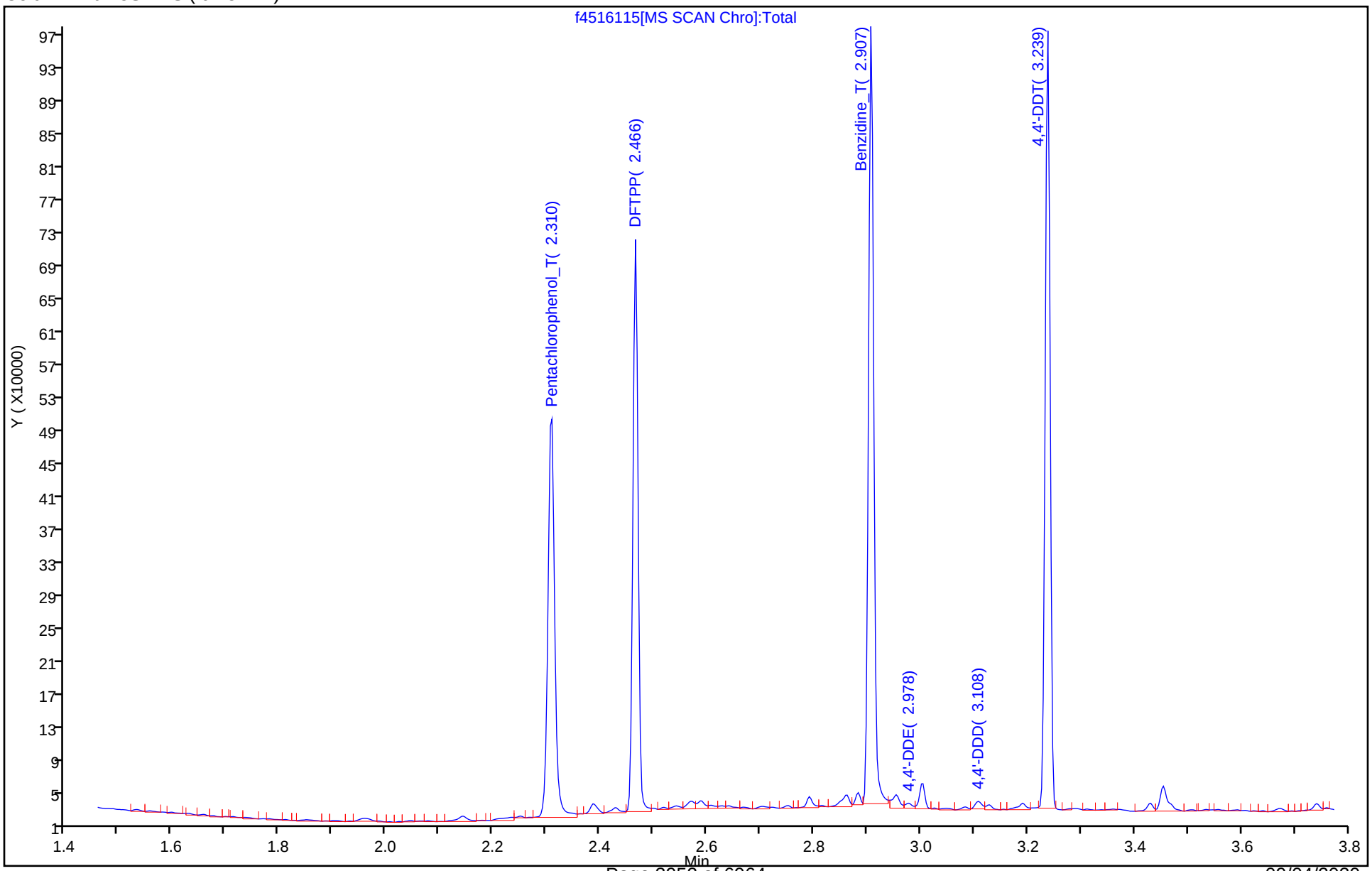
Report Date: 31-Aug-2020 08:30:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D

Injection Date:	30-Aug-2020 21:53:30	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D
Injection Date: 30-Aug-2020 21:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

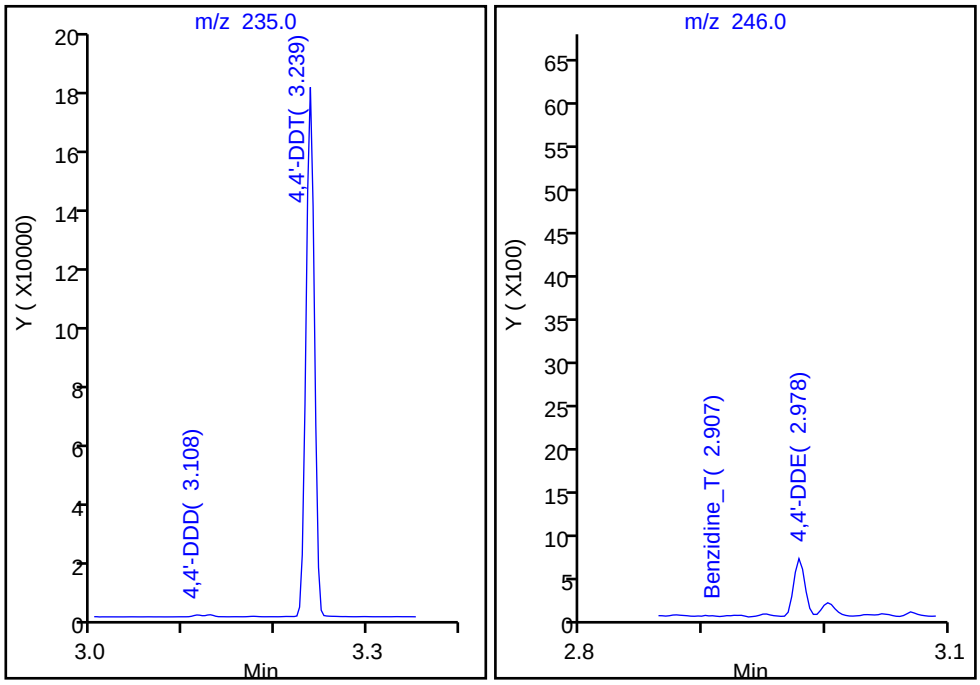
124 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 110520
123 4,4'-DDD, Area = 379
122 4,4'-DDE, Area = 430

%Breakdown: 0.73%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

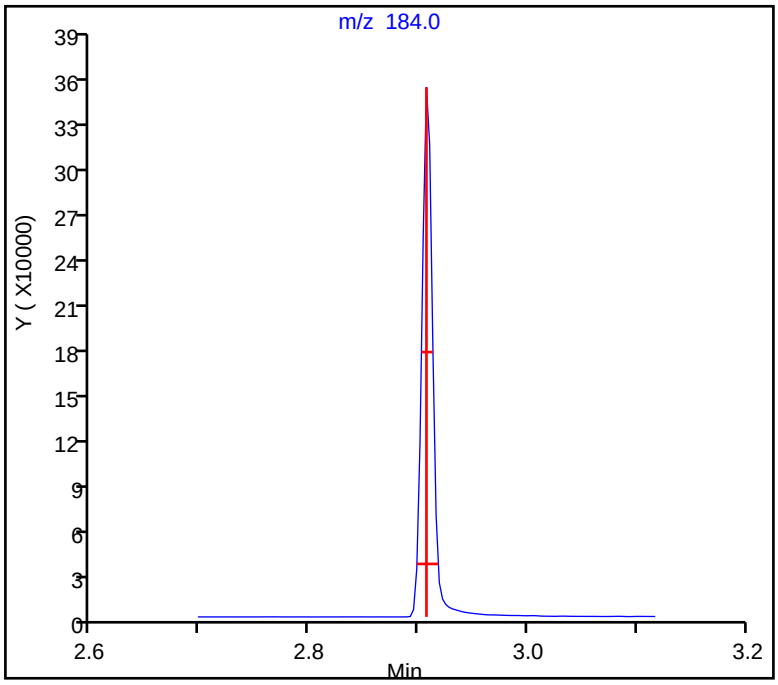
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D
Injection Date: 30-Aug-2020 21:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

6 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

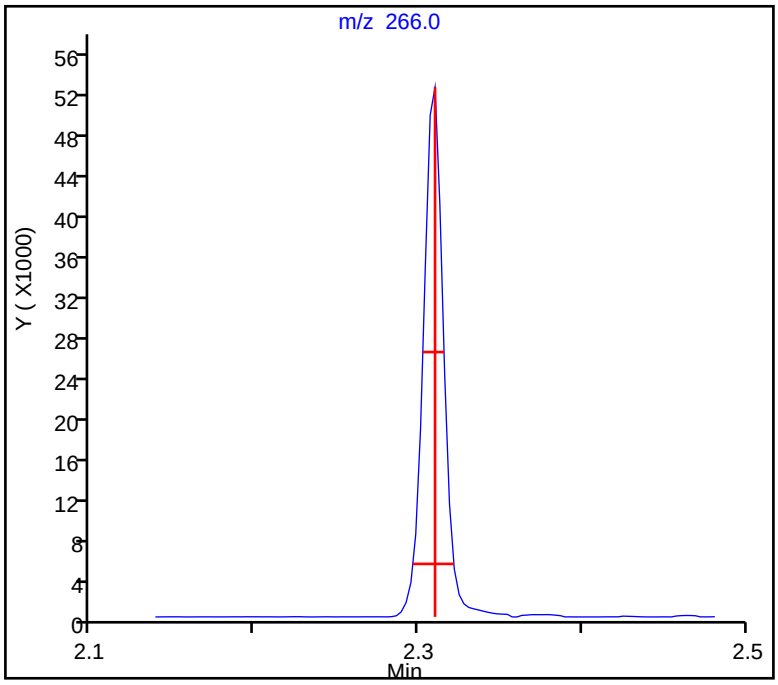
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200830-116021.b\f4516115.D
Injection Date: 30-Aug-2020 21:53:30 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270D ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 14-Jul-2020 14:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0113238-001
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 15-Jul-2020 07:31:27 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1038

First Level Reviewer: johnstonm1 Date: 14-Jul-2020 15:07:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	3.674	3.674	0.000	91	96085	NR	NR	
56 Benzidine_T	184	4.951	4.951	0.000	99	693679	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.110	5.110	0.000	78	368		NR	
126 4,4'-DDD	235	5.398	5.398	0.000	90	1214		NR	
127 4,4'-DDT	235	5.612	5.612	0.000	98	307542	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

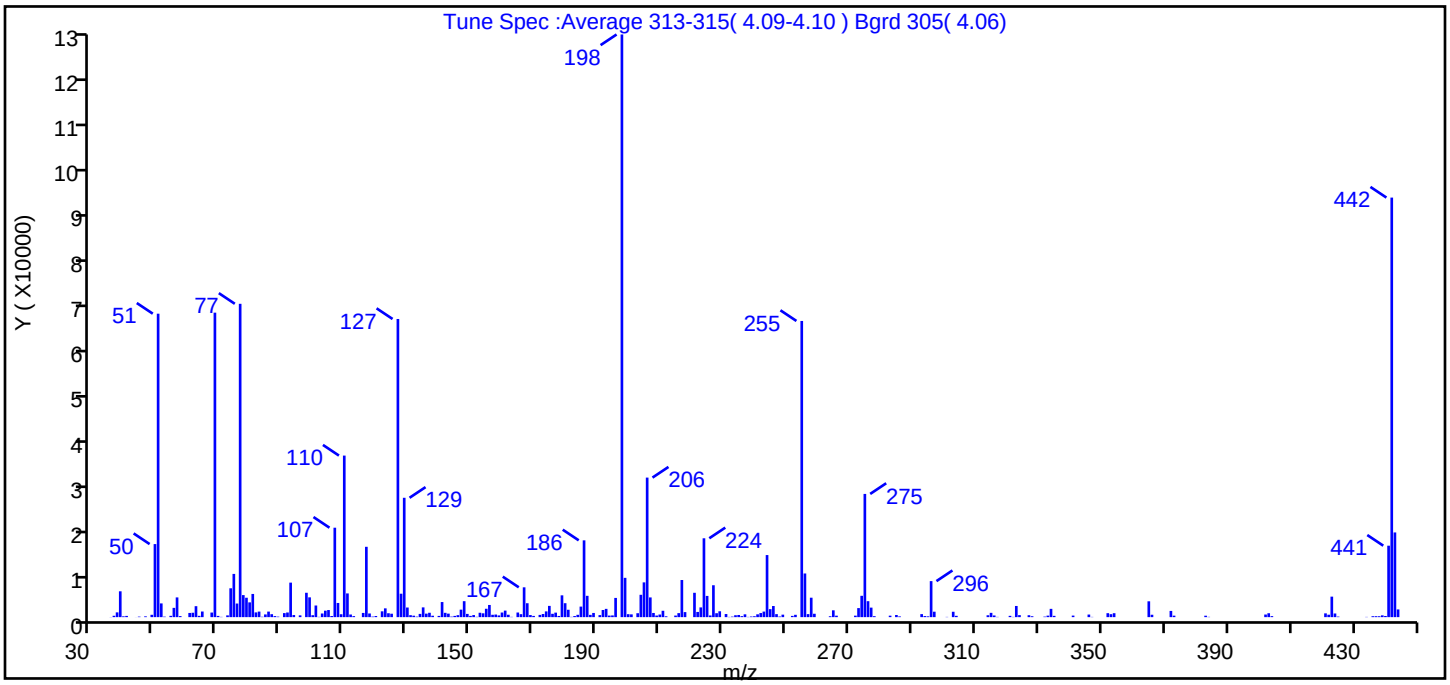
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D
Injection Date: 14-Jul-2020 14:57:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (138.9)
51	10-80% of the base peak	52.1
68	<2% of mass 69	0.8 (1.5)
69	Present	52.3
70	<2% of mass 69	0.2 (0.4)
127	10-80% of the base peak	51.2
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.7
275	10-60% of the base peak	21.1
365	>1% of mass 198	2.7
441	present but <24% of mass 442	12.3 (17.0)
442	base peak, or >50% of 198	72.0
443	15-24% of mass 442	14.5 (20.2)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D\8270LVI_17.rslt\spectra.d
Injection Date: 14-Jul-2020 14:57:30
Spectrum: Tune Spec :Average 313-315(4.09-4.10) Bgrd 305(4.06)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 258

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	26	116.00	889	186.00	16220	266.00	310
37.00	289	117.00	14857	187.00	4503	272.00	316
38.00	1008	118.00	775	188.00	480	273.00	1910
39.00	5458	119.00	114	189.00	884	274.00	4507
40.00	173	120.00	238	191.00	428	275.00	26024
41.00	261	122.00	1229	192.00	1509	276.00	3370
44.00	11	123.00	1856	193.00	1748	277.00	2012
45.00	110	124.00	824	194.00	330	278.00	202
47.00	168	125.00	723	195.00	360	283.00	310
49.00	495	127.00	62968	196.00	4059	285.00	451
50.00	15430	128.00	4949	198.00	123056	286.00	155
51.00	64088	129.00	25208	199.00	8300	293.00	639
52.00	2900	130.00	2033	200.00	625	294.00	226
53.00	106	131.00	417	201.00	586	295.00	167
55.00	278	132.00	308	203.00	829	296.00	7609
56.00	1959	133.00	111	204.00	4720	297.00	1151
57.00	4168	134.00	685	205.00	7342	301.00	51
58.00	223	135.00	2062	206.00	29472	303.00	1138
61.00	886	136.00	739	207.00	4163	304.00	280
62.00	929	137.00	925	208.00	881	314.00	398
63.00	2317	138.00	298	209.00	339	315.00	907
64.00	275	140.00	262	210.00	549	316.00	353
65.00	1190	141.00	3187	211.00	1345	317.00	52
68.00	969	142.00	912	212.00	177	321.00	275
69.00	64304	143.00	739	215.00	333	322.00	51
70.00	262	144.00	113	216.00	849	323.00	2359
71.00	55	145.00	262	217.00	7841	324.00	427
73.00	373	146.00	417	218.00	1064	327.00	403
74.00	6095	147.00	1583	221.00	5143	328.00	190
75.00	9131	148.00	3370	222.00	1099	332.00	108
76.00	2876	149.00	685	223.00	2055	333.00	319
77.00	66176	150.00	268	224.00	16656	334.00	1751
78.00	4655	151.00	441	225.00	4483	335.00	273

Report Date: 15-Jul-2020 07:31:28 Chrom Revision: 2.3 30-Jun-2020 12:05:54
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D\8270LVI_17.rslt\spectra.d
Injection Date: 14-Jul-2020 14:57:30
Spectrum: Tune Spec :Average 313-315(4.09-4.10) Bgrd 305(4.06)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 258

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	4098	152.00	69	226.00	353	341.00	328
80.00	3119	153.00	925	227.00	6737	346.00	547
81.00	4899	154.00	810	228.00	829	347.00	50
82.00	1001	155.00	1771	229.00	1238	352.00	837
83.00	1176	156.00	2573	231.00	655	353.00	625
84.00	79	157.00	499	232.00	51	354.00	833
85.00	572	158.00	550	233.00	113	365.00	3346
86.00	1173	159.00	361	234.00	402	366.00	506
87.00	623	160.00	973	235.00	455	372.00	1313
88.00	222	161.00	1378	236.00	212	373.00	313
89.00	108	162.00	506	237.00	596	383.00	303
91.00	853	163.00	57	238.00	50	384.00	59
92.00	981	165.00	977	239.00	134	402.00	552
93.00	7289	166.00	625	240.00	194	403.00	825
94.00	442	167.00	6299	241.00	594	404.00	213
96.00	376	168.00	2939	242.00	865	421.00	799
98.00	5147	169.00	443	243.00	1174	422.00	512
99.00	4182	170.00	259	244.00	13112	423.00	4330
100.00	407	172.00	474	245.00	1690	424.00	771
101.00	2458	173.00	662	246.00	2350	425.00	118
102.00	59	174.00	1216	247.00	635	434.00	50
103.00	770	175.00	2376	248.00	129	436.00	195
104.00	1364	176.00	707	249.00	526	437.00	199
105.00	1499	177.00	954	252.00	265	438.00	193
106.00	238	178.00	253	253.00	494	439.00	376
107.00	18888	179.00	4606	255.00	62552	440.00	245
108.00	2993	180.00	2943	256.00	9221	441.00	15090
109.00	612	181.00	1560	257.00	638	442.00	88608
110.00	34120	182.00	58	258.00	4107	443.00	17888
111.00	5011	183.00	230	259.00	715	444.00	1630
112.00	555	184.00	493	264.00	188		
113.00	214	185.00	2227	265.00	1443		

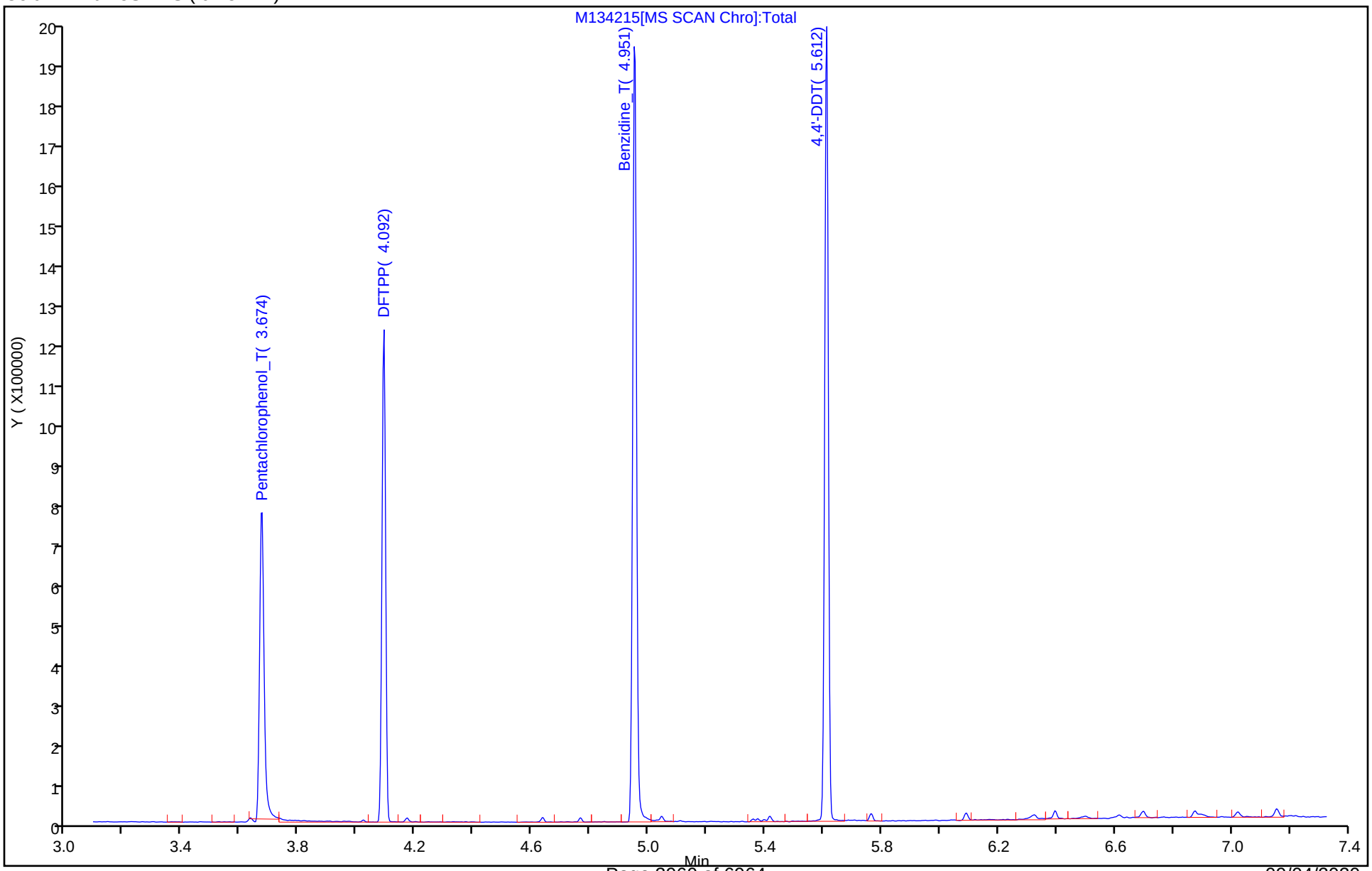
Report Date: 15-Jul-2020 07:31:28 Chrom Revision: 2.3 30-Jun-2020 12:05:54

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D

Injection Date:	14-Jul-2020 14:57:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D
Injection Date: 14-Jul-2020 14:57:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL

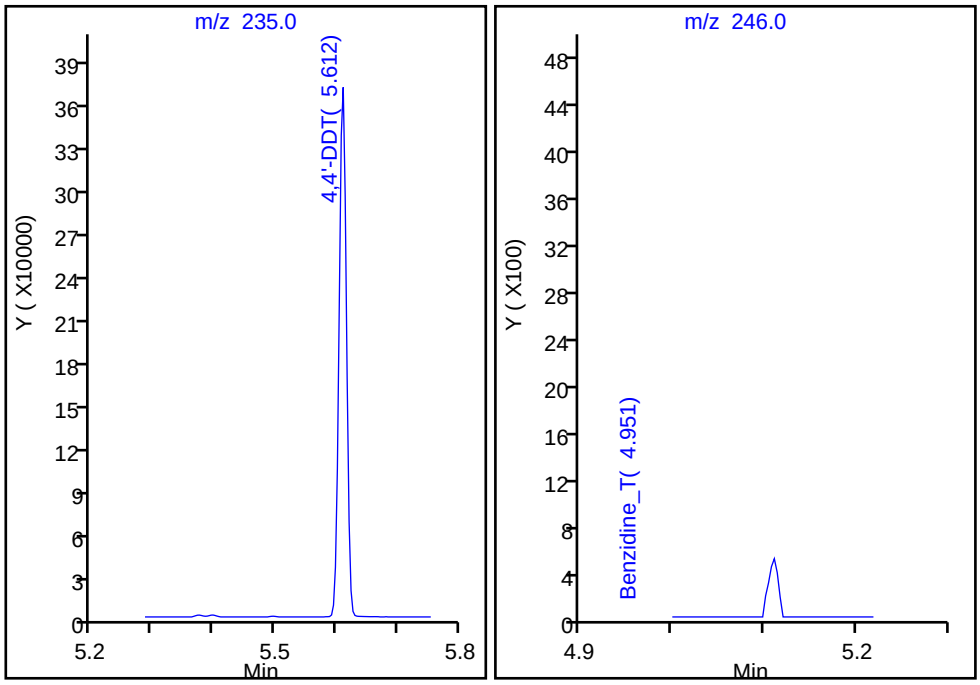
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 307542
126 4,4'-DDD, Area = 1214
125 4,4'-DDE, Area = 368

%Breakdown: 0.51%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

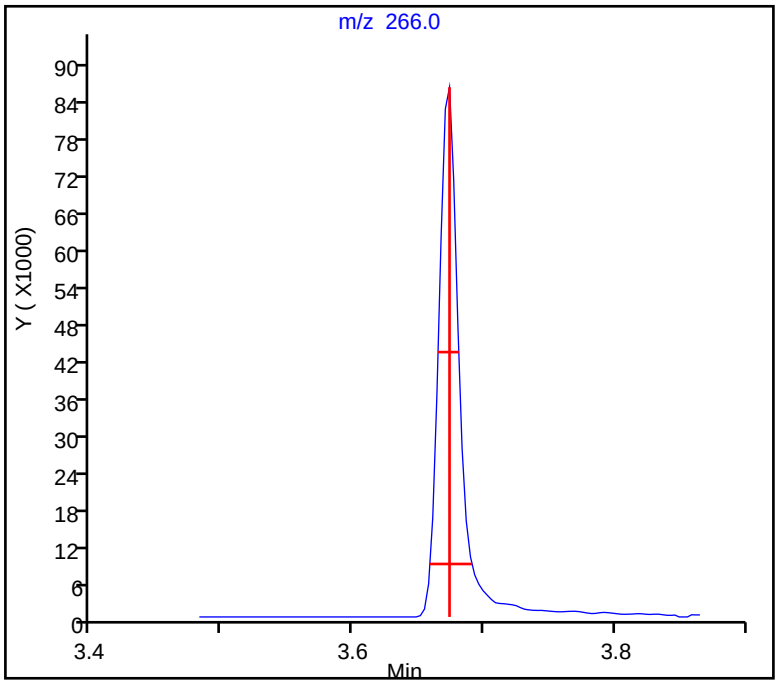
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D
Injection Date: 14-Jul-2020 14:57:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

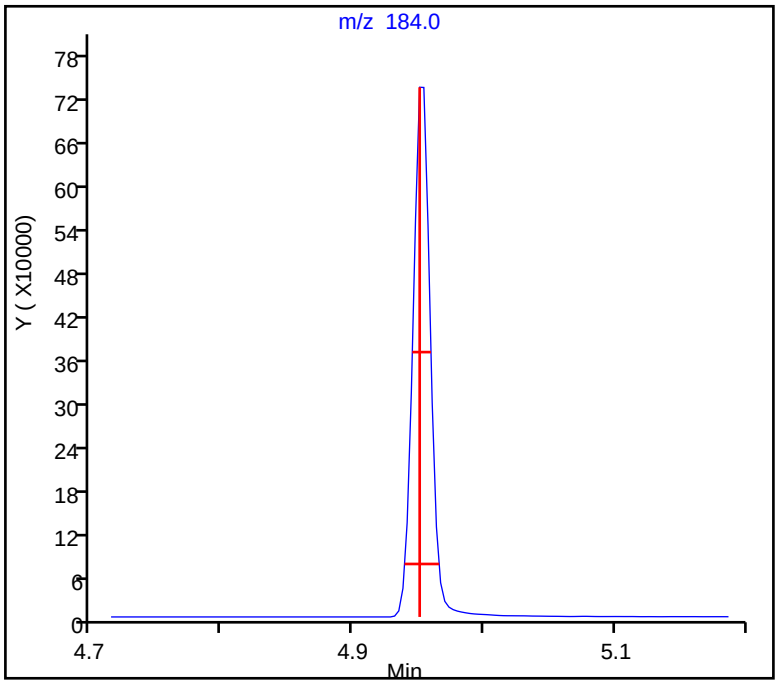
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134215.D
Injection Date: 14-Jul-2020 14:57:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 30-Aug-2020 20:18:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-001
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:40:36 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: hamziy Date: 30-Aug-2020 20:28:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	3.377	3.377	0.000	93	146051	NR	NR	
56 Benzidine_T	184	4.672	4.672	0.000	99	884151	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	4.828	4.828	0.000	89	1818		NR	
126 4,4'-DDD	235	5.097	5.097	0.000	93	5416		NR	
127 4,4'-DDT	235	5.330	5.330	0.000	98	450572	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

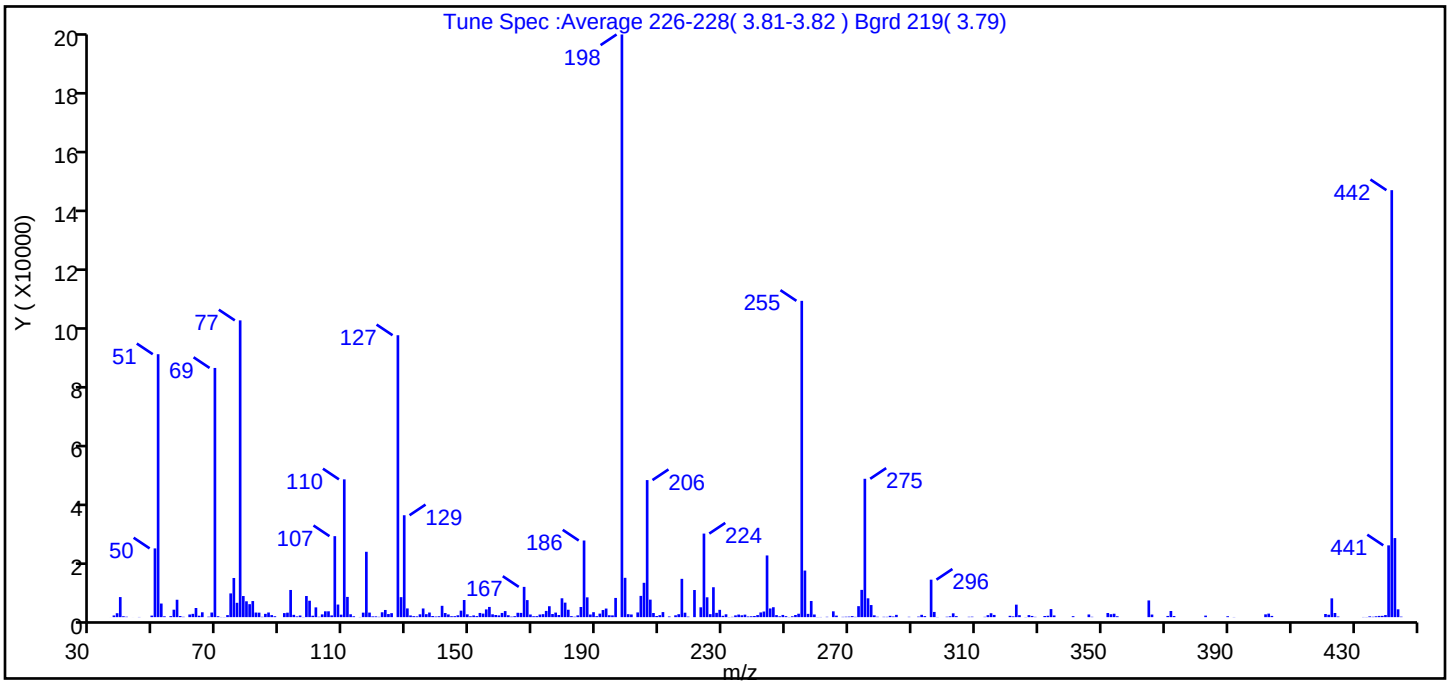
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D
Injection Date: 30-Aug-2020 20:18:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (136.5)
51	10-80% of the base peak	45.1
68	<2% of mass 69	0.8 (1.8)
69	Present	42.8
70	<2% of mass 69	0.2 (0.4)
127	10-80% of the base peak	48.4
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.7
275	10-60% of the base peak	23.7
365	>1% of mass 198	2.9
441	present but <24% of mass 442	12.3 (16.8)
442	base peak, or >50% of 198	73.3
443	15-24% of mass 442	13.6 (18.5)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D\8270LVI_17.rslt\spectra.d
Injection Date: 30-Aug-2020 20:18:30
Spectrum: Tune Spec :Average 226-228(3.81-3.82) Bgrd 219(3.79)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	12	121.00	115	196.00	6497	279.00	139
37.00	570	122.00	1648	198.00	197120	281.00	115
38.00	1331	123.00	2428	199.00	13303	282.00	102
39.00	6790	124.00	1047	200.00	1005	283.00	446
40.00	302	125.00	1346	201.00	900	284.00	222
41.00	147	127.00	95368	203.00	1594	285.00	773
43.00	9	128.00	6761	204.00	7189	289.00	118
45.00	59	129.00	34472	205.00	11617	292.00	183
49.00	523	130.00	2951	206.00	46368	293.00	788
50.00	23256	131.00	576	207.00	5920	294.00	348
51.00	88952	132.00	330	208.00	1398	296.00	12681
52.00	4606	133.00	264	209.00	384	297.00	1761
53.00	283	134.00	966	210.00	668	298.00	54
55.00	343	135.00	2935	211.00	1712	301.00	134
56.00	2520	136.00	1003	213.00	228	302.00	277
57.00	5884	137.00	1563	215.00	617	303.00	1295
58.00	370	138.00	376	216.00	991	304.00	339
59.00	120	139.00	205	217.00	12957	308.00	118
61.00	899	140.00	305	218.00	1504	309.00	158
62.00	1113	141.00	3833	219.00	186	313.00	111
63.00	3093	142.00	1395	221.00	9177	314.00	675
64.00	478	143.00	913	223.00	3327	315.00	1320
65.00	1647	144.00	312	224.00	28272	316.00	747
67.00	158	145.00	329	225.00	6714	321.00	445
68.00	1559	146.00	630	226.00	1013	322.00	255
69.00	84304	147.00	2193	227.00	10119	323.00	4227
70.00	310	148.00	5796	228.00	1461	324.00	663
71.00	57	149.00	946	229.00	2474	326.00	51
72.00	52	150.00	304	230.00	456	327.00	683
73.00	684	151.00	576	231.00	961	328.00	403
74.00	8034	152.00	349	232.00	53	329.00	101
75.00	13250	153.00	1419	233.00	106	332.00	385
76.00	4852	154.00	1200	234.00	591	333.00	465

Report Date: 31-Aug-2020 08:40:37 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D\8270LVI_17.rslt\spectra.d
Injection Date: 30-Aug-2020 20:18:30
Spectrum: Tune Spec :Average 226-228(3.81-3.82) Bgrd 219(3.79)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	100400	155.00	2616	235.00	872	334.00	2728
78.00	7143	156.00	3454	236.00	631	335.00	565
79.00	5367	157.00	962	237.00	846	341.00	329
80.00	4389	158.00	730	238.00	228	346.00	905
81.00	5445	159.00	584	239.00	292	347.00	114
82.00	1554	160.00	1419	240.00	389	352.00	1402
83.00	1518	161.00	2053	241.00	699	353.00	995
84.00	113	162.00	646	242.00	1592	354.00	1155
85.00	1117	163.00	178	243.00	1902	355.00	294
86.00	1569	164.00	331	244.00	20872	365.00	5652
87.00	687	165.00	1475	245.00	2939	366.00	879
88.00	304	166.00	1435	246.00	3356	371.00	406
91.00	1369	167.00	10238	247.00	688	372.00	2081
92.00	1513	168.00	5766	248.00	275	373.00	370
93.00	9192	169.00	893	249.00	747	383.00	519
94.00	778	170.00	306	250.00	326	390.00	312
95.00	251	171.00	336	251.00	57	392.00	52
96.00	556	172.00	885	252.00	286	402.00	945
97.00	58	173.00	1011	253.00	726	403.00	1196
98.00	7148	174.00	2105	254.00	1151	404.00	419
99.00	5554	175.00	3696	255.00	107008	421.00	1060
100.00	475	176.00	1055	256.00	15758	422.00	816
101.00	3304	177.00	1544	257.00	1104	423.00	6359
102.00	128	178.00	711	258.00	5468	424.00	1404
103.00	935	179.00	6381	259.00	895	425.00	205
104.00	1974	180.00	4907	260.00	52	433.00	56
105.00	1978	181.00	2506	261.00	57	434.00	52
106.00	587	182.00	343	263.00	119	435.00	263
107.00	27400	183.00	138	265.00	1968	436.00	129
108.00	4262	184.00	603	266.00	512	437.00	282
109.00	836	185.00	3431	268.00	102	438.00	417
110.00	46616	186.00	25928	269.00	143	439.00	435
111.00	6840	187.00	6695	270.00	178	440.00	699
112.00	972	188.00	889	271.00	343	441.00	24288

Report Date: 31-Aug-2020 08:40:37 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D\8270LVI_17.rslt\spectra.d
Injection Date: 30-Aug-2020 20:18:30
Spectrum: Tune Spec :Average 226-228(3.81-3.82) Bgrd 219(3.79)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	291	189.00	1678	272.00	98	442.00	144448
115.00	57	190.00	326	273.00	3718	443.00	26752
116.00	1523	191.00	1188	274.00	9223	444.00	2652
117.00	22112	192.00	2403	275.00	46808	445.00	166
118.00	1536	193.00	2907	276.00	6372		
119.00	256	194.00	640	277.00	4092		
120.00	259	195.00	596	278.00	612		

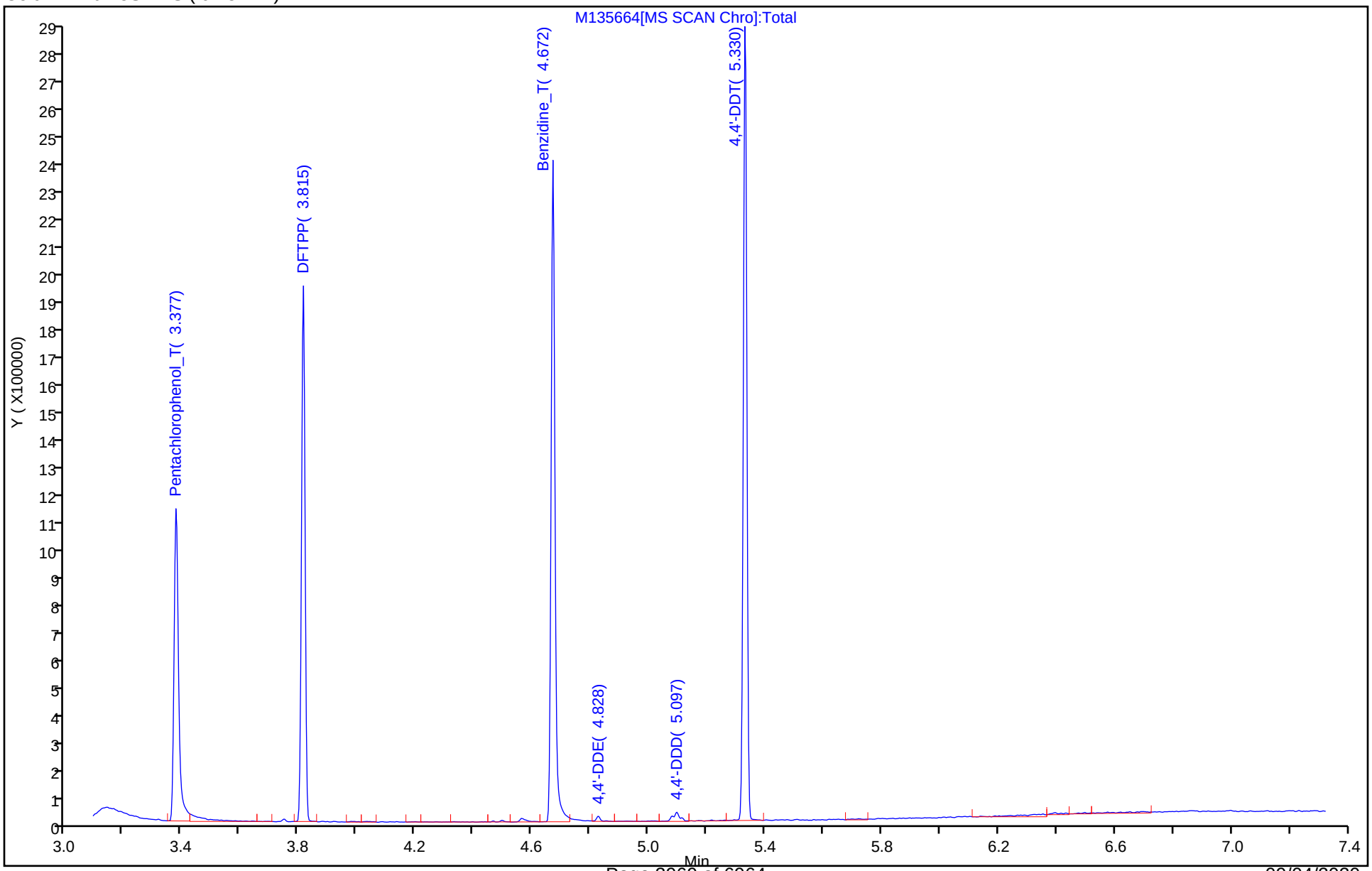
Report Date: 31-Aug-2020 08:40:37 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D

Injection Date:	30-Aug-2020 20:18:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

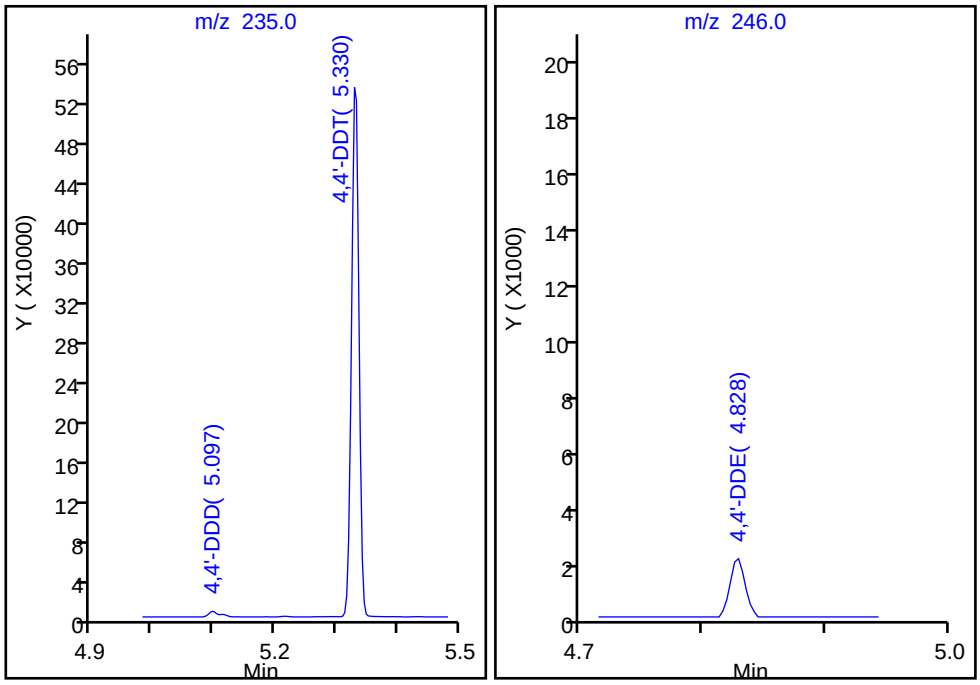


Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D
Injection Date: 30-Aug-2020 20:18:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 450572
126 4,4'-DDD, Area = 5416
125 4,4'-DDE, Area = 1818

%Breakdown: 1.58%, <= 20.00%
Passed

Peak Tailing Report

Eurofins TestAmerica, Edison

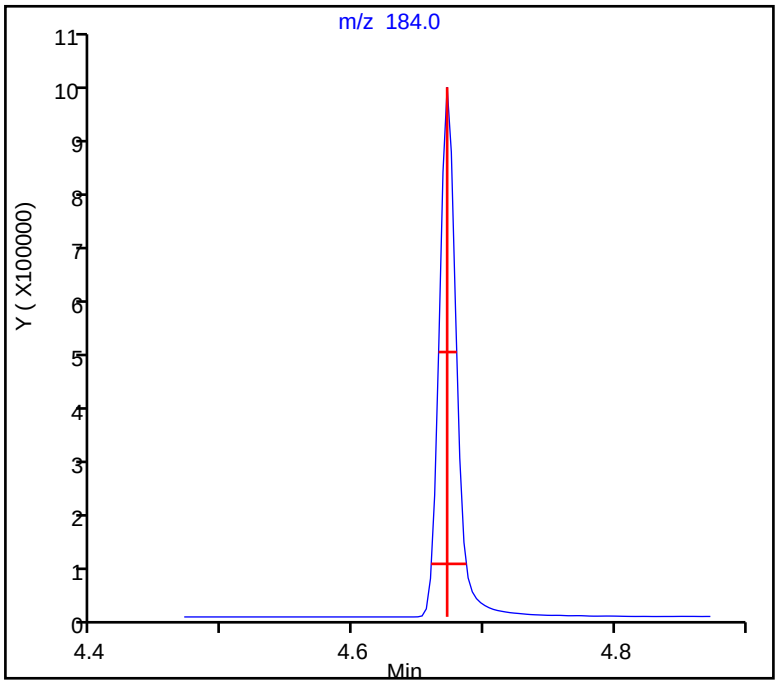
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D
Injection Date: 30-Aug-2020 20:18:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

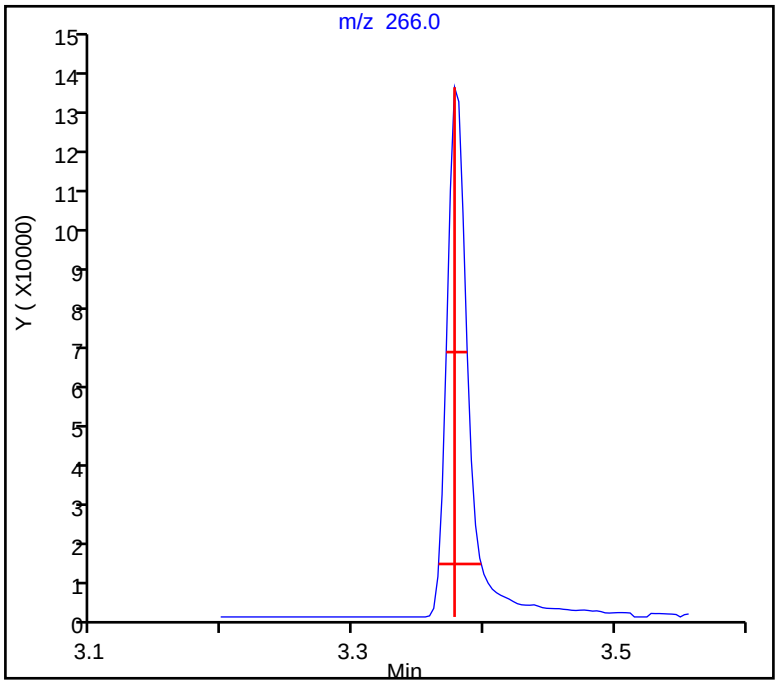
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135664.D
Injection Date: 30-Aug-2020 20:18:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.7, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 25-Aug-2020 11:54:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115728-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 26-Aug-2020 06:37:32 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1052

First Level Reviewer: johnstonm1 Date: 25-Aug-2020 12:10:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.728	4.728	0.000	89	20761	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.934	5.934	0.000	98	131982	NR	NR	
125 4,4'-DDE	246	6.087	6.087	0.000	1	67		NC	a
126 4,4'-DDD	235	6.345	6.345	0.000	1	228		NC	
127 4,4'-DDT	235	6.587	6.587	0.000	96	57711	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

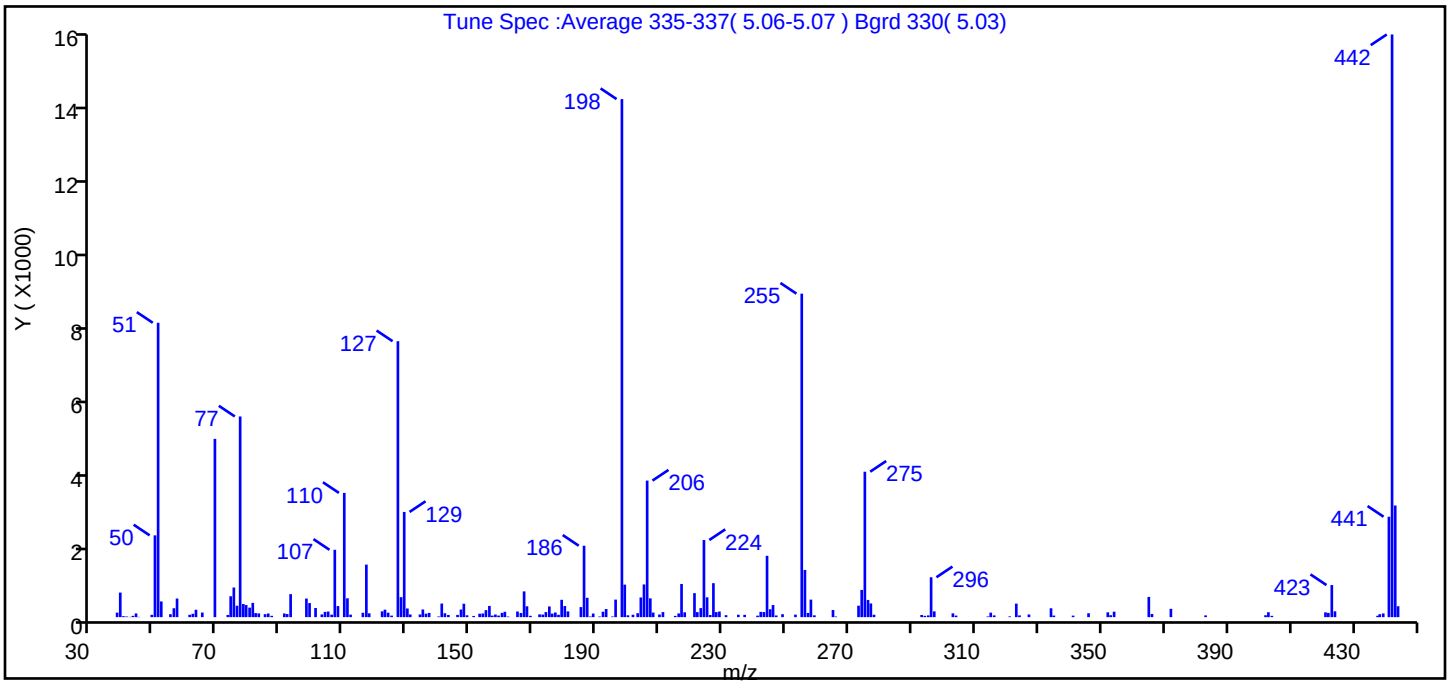
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d
Injection Date: 25-Aug-2020 11:54:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (88.9)
51	10-80% of the base peak	56.8
68	<2% of mass 69	0.0 (0.0)
69	Present	34.4
70	<2% of mass 69	0.0 (0.0)
127	10-80% of the base peak	53.3
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.3
275	10-60% of the base peak	28.1
365	>1% of mass 198	3.9
441	present but <24% of mass 442	19.4 (17.2)
442	base peak, or >50% of 198	112.5
443	15-24% of mass 442	21.6 (19.2)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d\8270_5R.rslt\spectra.d
Injection Date: 25-Aug-2020 11:54:30
Spectrum: Tune Spec :Average 335-337(5.06-5.07) Bgrd 330(5.03)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 198

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	124	117.00	1441	186.00	1959	259.00	50
39.00	674	118.00	105	187.00	531	265.00	196
40.00	27	122.00	159	188.00	17	266.00	17
41.00	18	123.00	205	189.00	99	273.00	314
42.00	6	124.00	122	191.00	17	274.00	746
43.00	36	125.00	42	192.00	149	275.00	3989
44.00	102	127.00	7568	193.00	223	276.00	472
45.00	7	128.00	548	195.00	18	277.00	375
49.00	63	129.00	2885	196.00	481	278.00	66
50.00	2243	130.00	238	198.00	14208	293.00	59
51.00	8073	131.00	74	199.00	892	294.00	36
52.00	431	134.00	74	200.00	51	295.00	48
55.00	81	135.00	210	202.00	66	296.00	1094
56.00	244	136.00	95	203.00	108	297.00	158
57.00	511	137.00	116	204.00	539	303.00	104
61.00	65	140.00	18	205.00	897	304.00	43
62.00	92	141.00	373	206.00	3745	314.00	18
63.00	203	142.00	106	207.00	515	315.00	123
65.00	126	143.00	60	208.00	126	316.00	48
69.00	4889	146.00	62	210.00	73	321.00	20
73.00	60	147.00	209	211.00	139	323.00	371
74.00	573	148.00	368	215.00	35	324.00	48
75.00	813	149.00	51	216.00	101	327.00	73
76.00	313	151.00	33	217.00	910	334.00	244
77.00	5504	153.00	94	218.00	132	335.00	43
78.00	360	154.00	101	221.00	658	341.00	42
79.00	332	155.00	192	222.00	138	346.00	107
80.00	261	156.00	307	223.00	248	352.00	132
81.00	391	157.00	42	224.00	2115	353.00	53
82.00	111	158.00	72	225.00	544	354.00	150
83.00	102	159.00	43	226.00	58	365.00	555
85.00	81	160.00	117	227.00	931	366.00	87
86.00	100	161.00	147	228.00	138	372.00	228

Report Date: 26-Aug-2020 06:37:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d\8270_5R.rslt\spectra.d
Injection Date: 25-Aug-2020 11:54:30
Spectrum: Tune Spec :Average 335-337(5.06-5.07) Bgrd 330(5.03)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 198

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	37	162.00	16	229.00	154	383.00	48
91.00	101	165.00	154	231.00	54	402.00	52
92.00	85	166.00	113	235.00	66	403.00	135
93.00	631	167.00	706	237.00	63	404.00	36
98.00	510	168.00	297	241.00	41	421.00	132
99.00	386	169.00	37	242.00	144	422.00	116
101.00	250	172.00	76	243.00	140	423.00	880
103.00	75	173.00	70	244.00	1682	424.00	160
104.00	144	174.00	139	245.00	216	438.00	38
105.00	154	175.00	293	246.00	332	438.00	81
106.00	68	176.00	97	247.00	46	439.00	102
107.00	1847	177.00	127	249.00	81	441.00	2754
108.00	304	178.00	64	253.00	69	442.00	15980
110.00	3407	179.00	475	255.00	8872	443.00	3062
111.00	517	180.00	304	256.00	1294	444.00	299
112.00	69	181.00	157	257.00	116		
116.00	120	185.00	276	258.00	481		

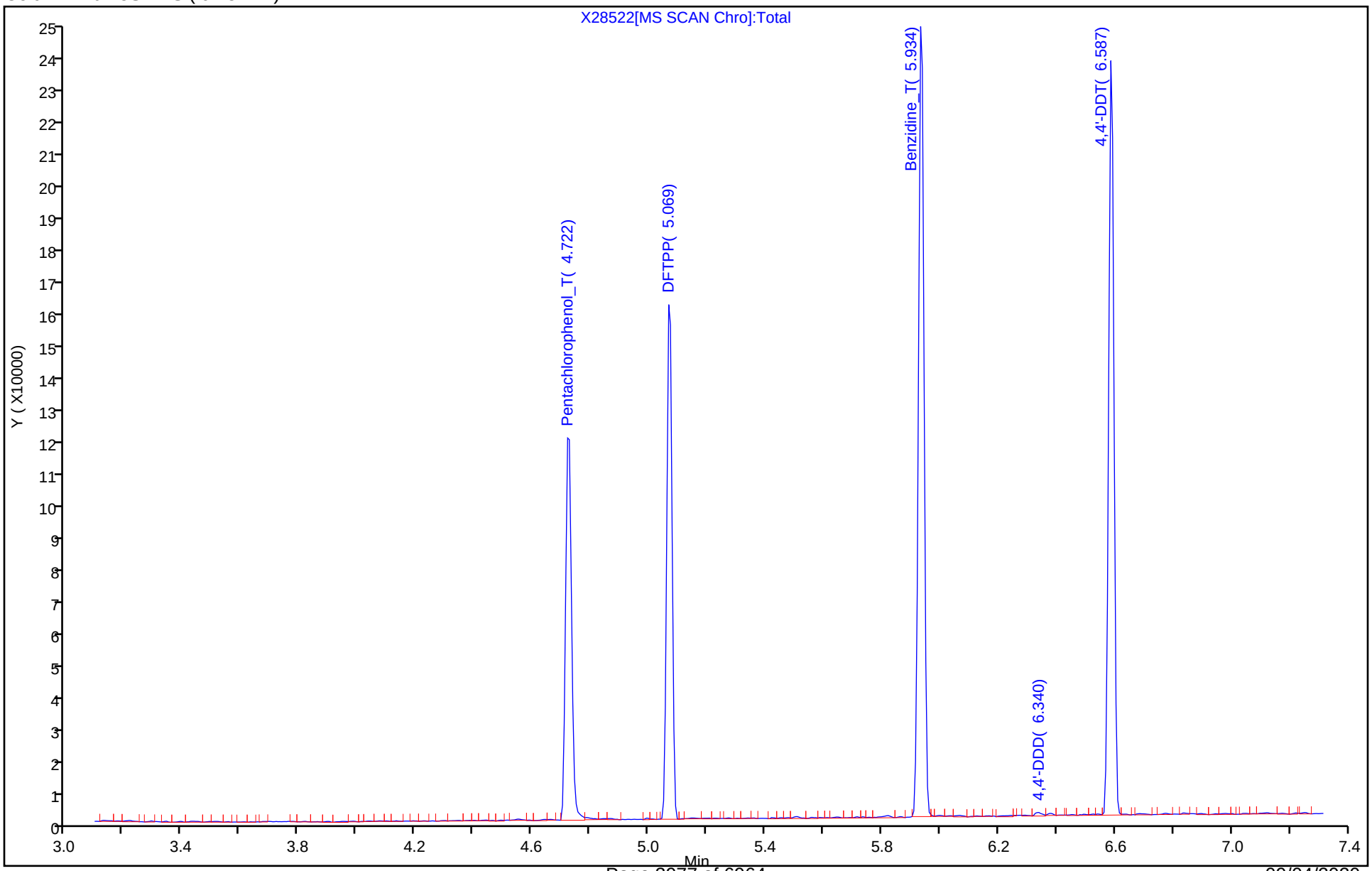
Report Date: 26-Aug-2020 06:37:33 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d

Injection Date:	25-Aug-2020 11:54:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d
Injection Date: 25-Aug-2020 11:54:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

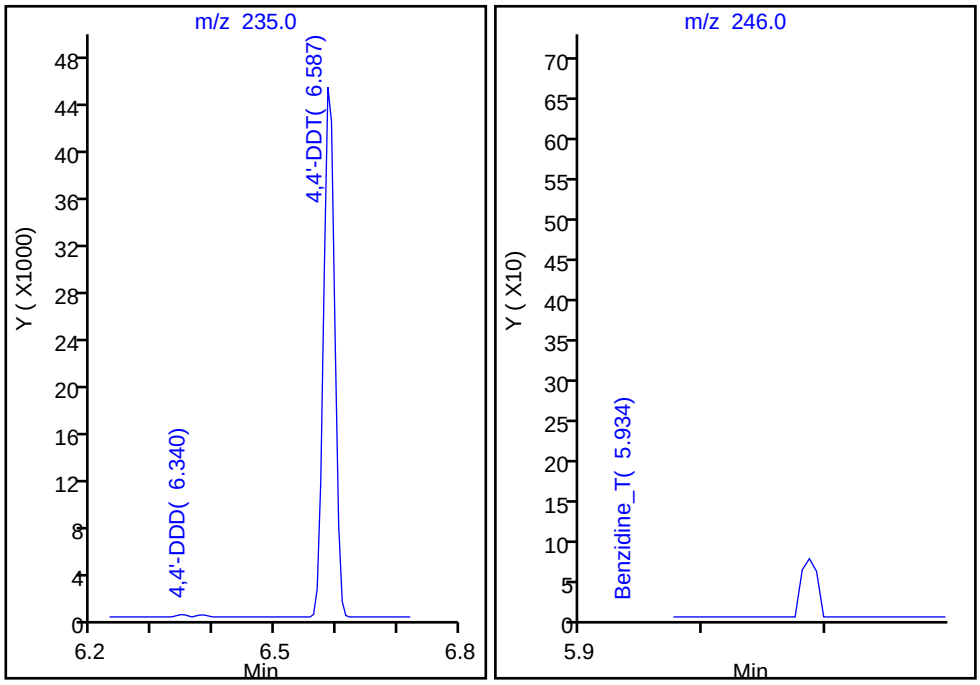
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 57711
126 4,4'-DDD, Area = 228
125 4,4'-DDE, Area = 67

%Breakdown: 0.51%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

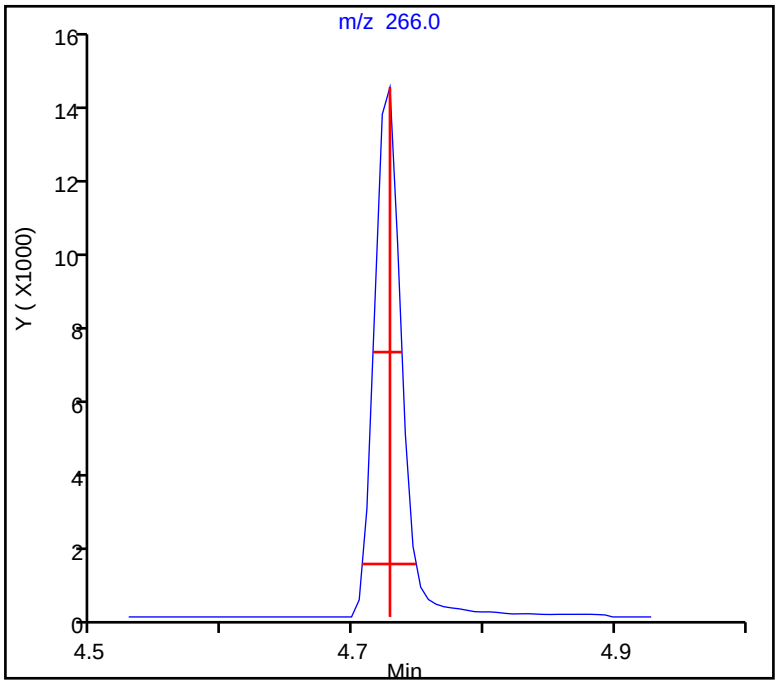
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d
Injection Date: 25-Aug-2020 11:54:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

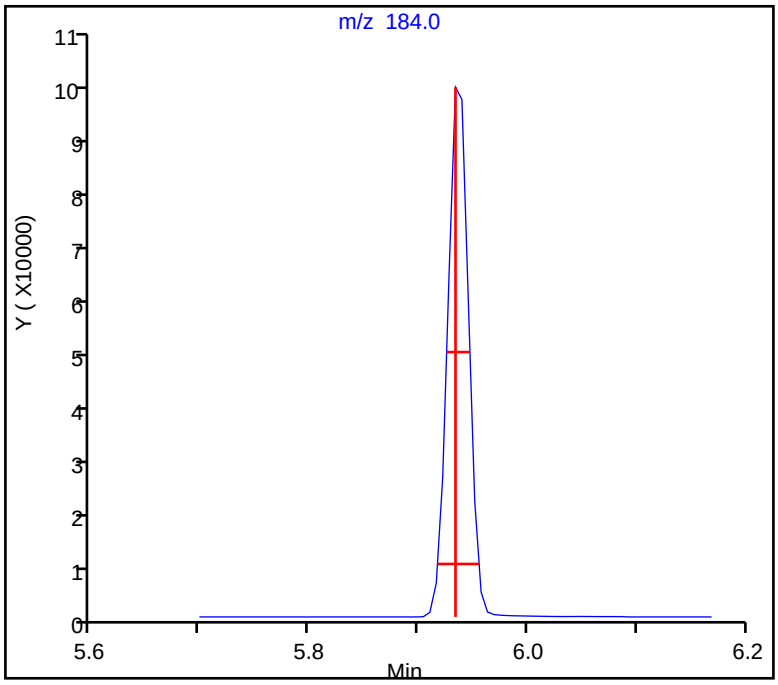
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28522.d
Injection Date: 25-Aug-2020 11:54:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 28-Aug-2020 10:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115925001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 11:35:16 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1059

First Level Reviewer: zhaoc Date: 28-Aug-2020 10:14:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.710	4.710	0.000	88	26255	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.916	5.916	0.000	98	171918	NR	NR	
125 4,4'-DDE	246	6.063	6.063	0.000	1	329		NC	
126 4,4'-DDD	235	6.328	6.328	0.000	65	2969		NC	
127 4,4'-DDT	235	6.569	6.569	0.000	97	78622	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

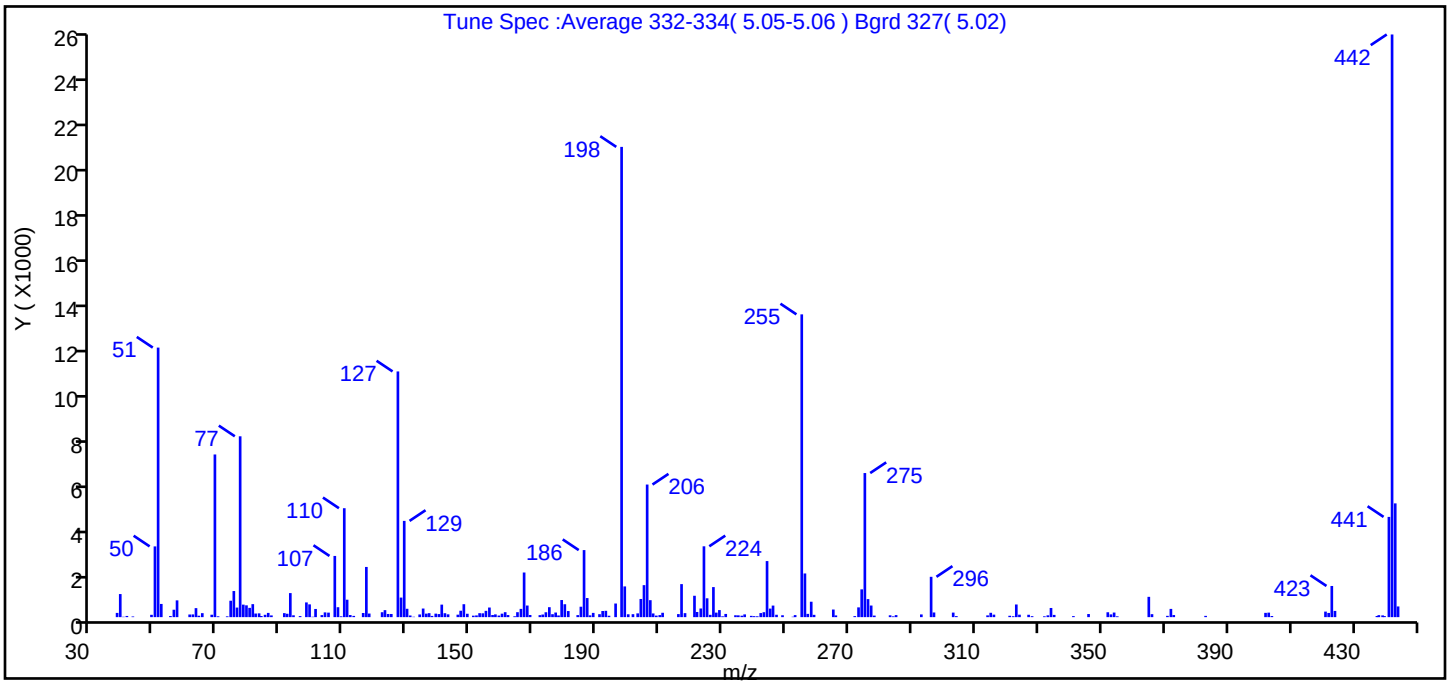
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d
Injection Date: 28-Aug-2020 10:04:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (80.7)
51	10-80% of the base peak	57.3
68	<2% of mass 69	0.5 (1.5)
69	Present	34.6
70	<2% of mass 69	0.2 (0.5)
127	10-80% of the base peak	52.2
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.5
275	10-60% of the base peak	30.6
365	>1% of mass 198	4.3
441	present but <24% of mass 442	21.3 (17.2)
442	base peak, or >50% of 198	123.9
443	15-24% of mass 442	24.2 (19.5)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d\8270_5R.rslt\spectra.d
Injection Date: 28-Aug-2020 10:04:30
Spectrum: Tune Spec :Average 332-334(5.05-5.06) Bgrd 327(5.02)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 225

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	189	122.00	219	189.00	190	273.00	436
39.00	1030	123.00	312	191.00	132	274.00	1240
40.00	17	124.00	141	192.00	274	275.00	6430
41.00	53	125.00	141	193.00	282	276.00	805
43.00	30	127.00	10964	194.00	63	277.00	518
49.00	104	128.00	873	196.00	608	278.00	69
50.00	3157	129.00	4295	198.00	20984	283.00	82
51.00	12028	130.00	373	199.00	1371	284.00	35
52.00	589	131.00	74	200.00	128	285.00	91
55.00	49	132.00	17	202.00	132	293.00	121
56.00	331	134.00	120	203.00	168	296.00	1800
57.00	749	135.00	384	204.00	811	297.00	208
61.00	118	136.00	156	205.00	1428	303.00	203
62.00	122	137.00	178	206.00	5917	304.00	46
63.00	402	138.00	55	207.00	757	314.00	79
64.00	63	139.00	156	208.00	165	315.00	194
65.00	178	140.00	137	209.00	69	316.00	111
68.00	108	141.00	559	210.00	92	321.00	61
69.00	7259	142.00	175	211.00	195	322.00	40
70.00	37	143.00	125	216.00	136	323.00	565
73.00	36	146.00	110	217.00	1474	324.00	110
74.00	732	147.00	286	218.00	178	327.00	106
75.00	1165	148.00	577	221.00	954	328.00	43
76.00	427	149.00	151	222.00	230	332.00	37
77.00	8070	151.00	66	223.00	386	333.00	81
78.00	558	152.00	77	224.00	3161	334.00	409
79.00	527	153.00	177	225.00	841	335.00	100
80.00	414	154.00	171	226.00	103	341.00	46
81.00	580	155.00	281	227.00	1341	346.00	139
82.00	161	156.00	429	228.00	202	352.00	218
83.00	169	157.00	95	229.00	315	353.00	123
84.00	50	158.00	123	230.00	36	354.00	205
85.00	105	159.00	71	231.00	143	355.00	36

Report Date: 28-Aug-2020 11:35:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d\8270_5R.rslt\spectra.d
Injection Date: 28-Aug-2020 10:04:30
Spectrum: Tune Spec :Average 332-334(5.05-5.06) Bgrd 327(5.02)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 225

m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	189	160.00	155	234.00	84	365.00	906
87.00	77	161.00	221	235.00	80	366.00	133
91.00	179	162.00	93	236.00	65	371.00	58
92.00	151	164.00	38	237.00	123	372.00	368
93.00	1073	165.00	221	239.00	58	373.00	93
94.00	82	166.00	369	240.00	44	383.00	57
96.00	47	167.00	1992	241.00	38	402.00	191
98.00	657	168.00	518	242.00	182	403.00	201
99.00	570	169.00	96	243.00	221	404.00	50
100.00	17	172.00	89	244.00	2502	421.00	247
101.00	365	173.00	116	245.00	381	422.00	188
103.00	91	174.00	218	246.00	516	423.00	1391
104.00	212	175.00	444	247.00	106	424.00	277
105.00	201	176.00	131	249.00	84	437.00	51
107.00	2731	177.00	206	252.00	18	438.00	89
108.00	443	178.00	75	253.00	91	439.00	78
109.00	36	179.00	764	255.00	13511	440.00	48
110.00	4861	180.00	576	256.00	1949	441.00	4473
111.00	778	181.00	272	257.00	146	442.00	26000
112.00	94	184.00	91	258.00	688	443.00	5076
113.00	56	185.00	465	259.00	103	444.00	477
116.00	184	186.00	2992	265.00	340		
117.00	2240	187.00	852	266.00	77		
118.00	161	188.00	81	272.00	46		

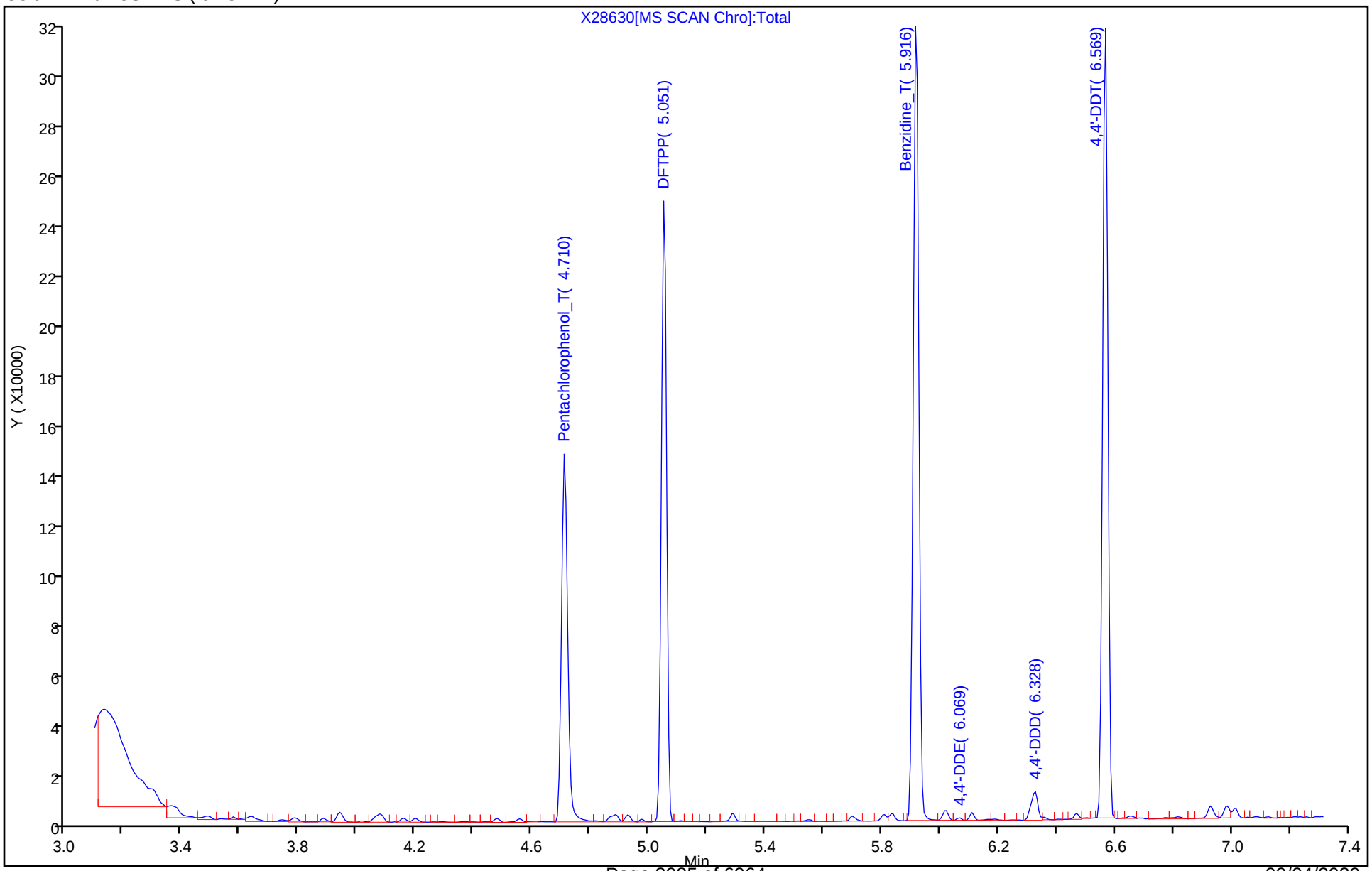
Report Date: 28-Aug-2020 11:35:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d

Injection Date:	28-Aug-2020 10:04:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d
Injection Date: 28-Aug-2020 10:04:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

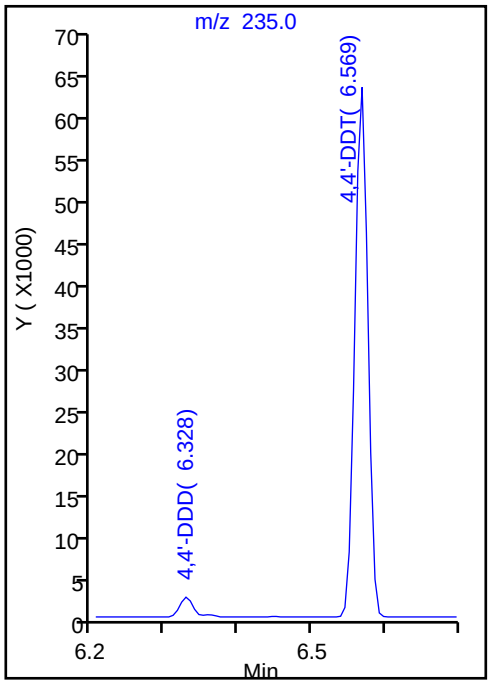
127 4,4'-DDT, Detector: MS SCAN

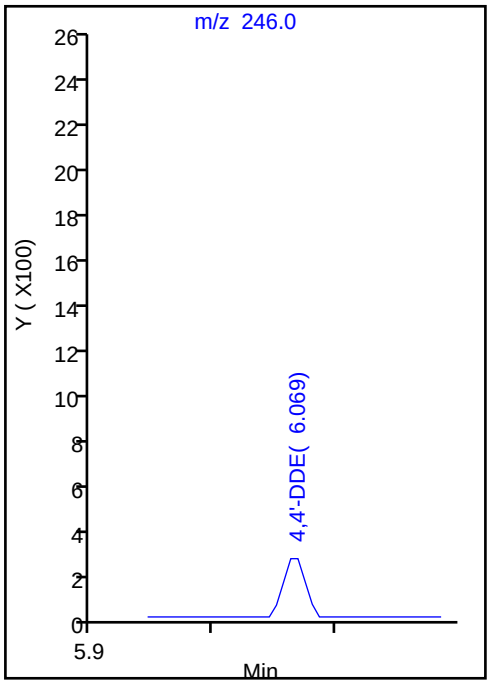
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 78622
126 4,4'-DDD, Area = 2969
125 4,4'-DDE, Area = 329

%Breakdown: 4.03%, <= 20.00%
Passed





Peak Tailing Report

Eurofins TestAmerica, Edison

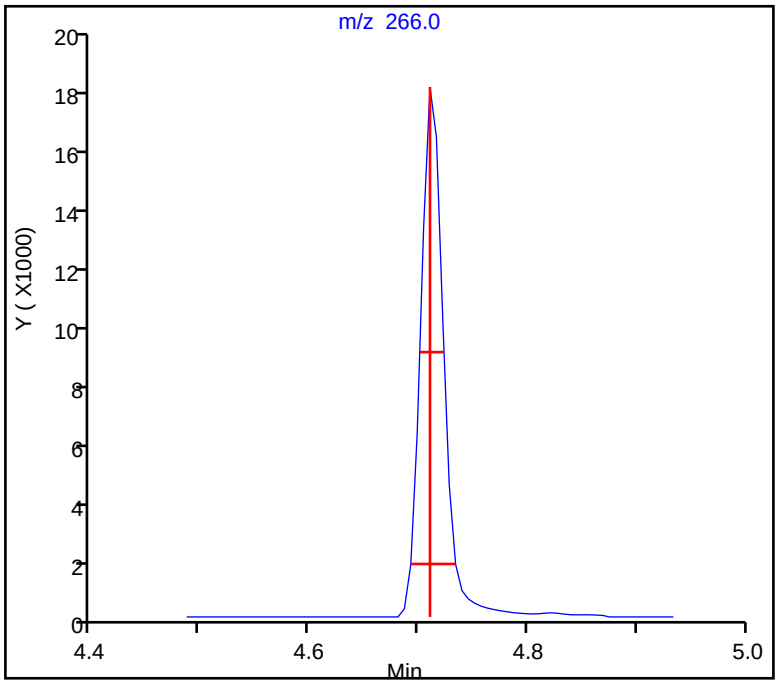
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d
Injection Date: 28-Aug-2020 10:04:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.024 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

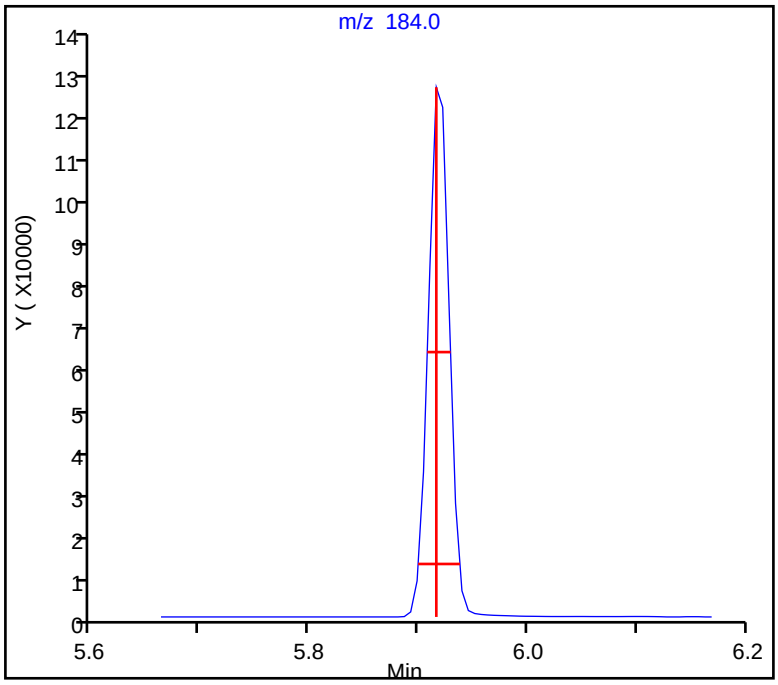
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200828-115925.b\X28630.d
Injection Date: 28-Aug-2020 10:04:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Aug-2020 17:25:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115998-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 09:42:17 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1017

First Level Reviewer: khlungprakhons Date: 31-Aug-2020 09:42:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.687	4.687	0.000	86	17762	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.904	5.904	0.000	98	114941	NR	NR	
126 4,4'-DDD	235	6.316	6.316	0.000	47	1849		NC	
127 4,4'-DDT	235	6.557	6.557	0.000	96	51059	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

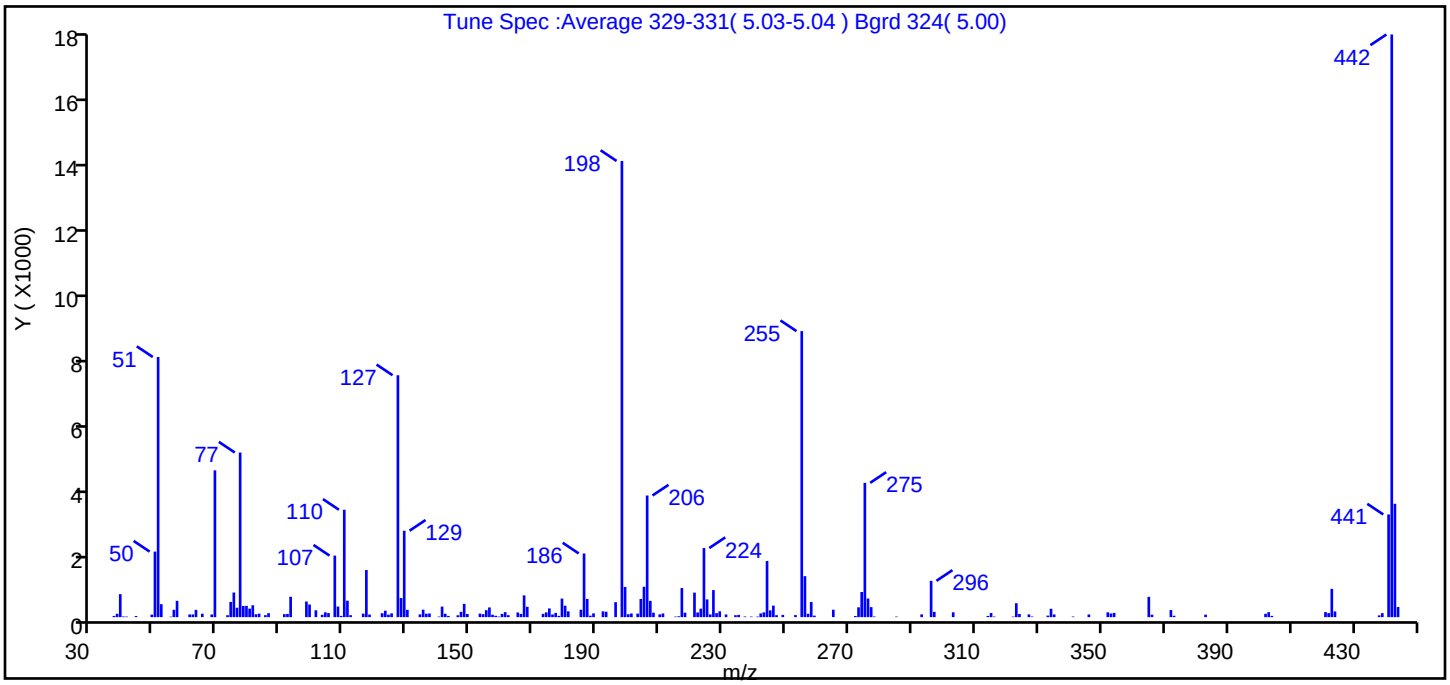
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d
Injection Date: 29-Aug-2020 17:25:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (78.3)
51	10-80% of the base peak	57.0
68	<2% of mass 69	0.6 (1.8)
69	Present	32.2
70	<2% of mass 69	0.0 (0.0)
127	10-80% of the base peak	53.0
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-60% of the base peak	29.4
365	>1% of mass 198	4.5
441	present but <24% of mass 442	22.5 (17.6)
442	base peak, or >50% of 198	127.7
443	15-24% of mass 442	24.8 (19.5)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d\8270_5R.rslt\spectra.d
Injection Date: 29-Aug-2020 17:25:30
Spectrum: Tune Spec :Average 329-331(5.03-5.04) Bgrd 324(5.00)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 192

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	36	117.00	1428	188.00	44	259.00	45
38.00	101	118.00	78	189.00	115	265.00	225
39.00	697	122.00	119	192.00	175	272.00	36
40.00	21	123.00	195	193.00	165	273.00	298
41.00	17	124.00	75	196.00	454	274.00	762
44.00	33	125.00	114	198.00	13817	275.00	4068
49.00	76	127.00	7327	199.00	915	276.00	564
50.00	1985	128.00	579	200.00	88	277.00	303
51.00	7879	129.00	2618	201.00	111	278.00	19
52.00	393	130.00	221	203.00	108	285.00	17
55.00	15	134.00	83	204.00	550	293.00	84
56.00	223	135.00	226	205.00	921	296.00	1100
57.00	494	136.00	105	206.00	3684	297.00	159
61.00	82	137.00	111	207.00	493	303.00	147
62.00	82	140.00	17	208.00	135	314.00	37
63.00	221	141.00	319	210.00	85	315.00	125
65.00	103	142.00	102	211.00	112	316.00	17
68.00	81	143.00	37	215.00	16	322.00	17
69.00	4446	146.00	57	216.00	26	323.00	422
73.00	58	147.00	161	217.00	882	324.00	95
74.00	460	148.00	402	218.00	135	327.00	84
75.00	746	149.00	95	221.00	742	328.00	18
76.00	284	153.00	107	222.00	141	333.00	46
77.00	4986	154.00	91	223.00	256	334.00	254
78.00	339	155.00	211	224.00	2093	335.00	81
79.00	342	156.00	294	225.00	537	341.00	18
80.00	258	157.00	72	226.00	82	346.00	81
81.00	360	158.00	42	227.00	820	352.00	146
82.00	87	159.00	17	228.00	121	353.00	111
83.00	105	160.00	98	229.00	176	354.00	129
85.00	60	161.00	151	231.00	81	365.00	615
86.00	121	162.00	59	234.00	59	366.00	75
91.00	91	165.00	142	235.00	69	372.00	215

Report Date: 31-Aug-2020 09:42:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d\8270_5R.rslt\spectra.d
Injection Date: 29-Aug-2020 17:25:30
Spectrum: Tune Spec :Average 329-331(5.03-5.04) Bgrd 324(5.00)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 192

m/z	Y	m/z	Y	m/z	Y	m/z	Y
92.00	97	166.00	98	237.00	20	373.00	42
93.00	617	167.00	659	239.00	17	383.00	75
98.00	474	168.00	313	241.00	17	402.00	101
99.00	383	173.00	101	242.00	112	403.00	152
101.00	208	174.00	144	243.00	145	404.00	38
103.00	71	175.00	264	244.00	1699	421.00	153
104.00	146	176.00	80	245.00	205	422.00	123
105.00	123	177.00	128	246.00	349	423.00	856
107.00	1864	178.00	39	247.00	60	424.00	172
108.00	321	179.00	563	249.00	68	438.00	53
109.00	38	180.00	346	253.00	62	439.00	121
110.00	3253	181.00	175	255.00	8664	441.00	3110
111.00	498	185.00	225	256.00	1241	442.00	17648
112.00	59	186.00	1929	257.00	102	443.00	3433
116.00	107	187.00	552	258.00	458	444.00	308

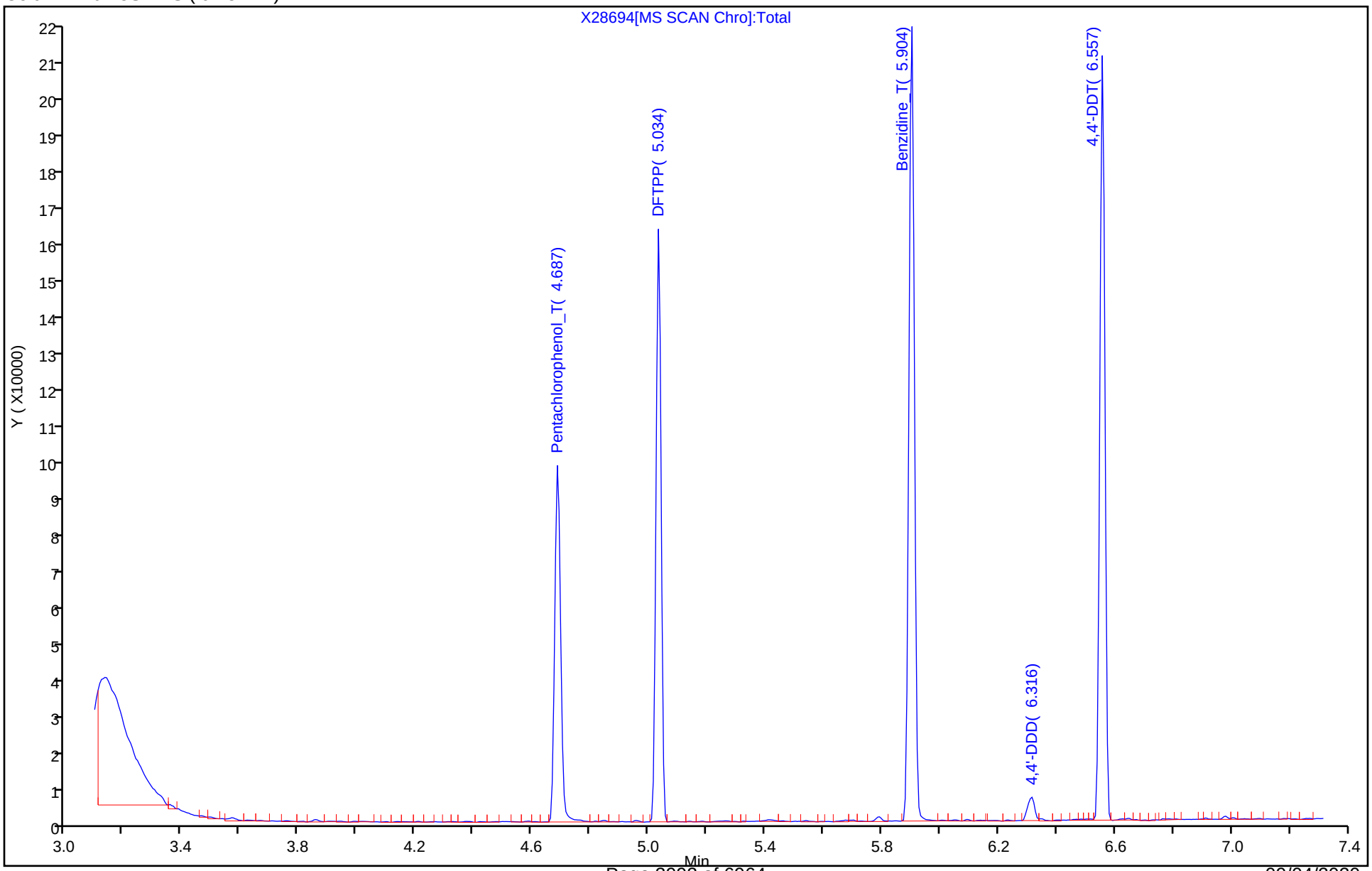
Report Date: 31-Aug-2020 09:42:17 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d

Injection Date:	29-Aug-2020 17:25:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

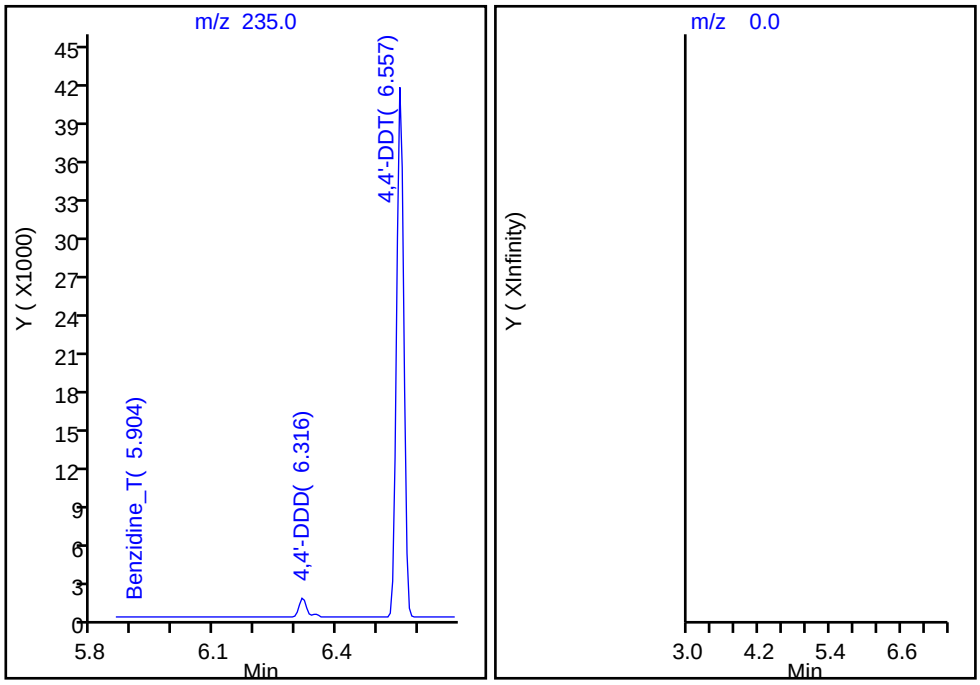


Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d
Injection Date: 29-Aug-2020 17:25:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 51059
126 4,4'-DDD, Area = 1849
125 4,4'-DDE, Area = 0

%Breakdown: 3.49%, <= 20.00%
Passed

Peak Tailing Report

Eurofins TestAmerica, Edison

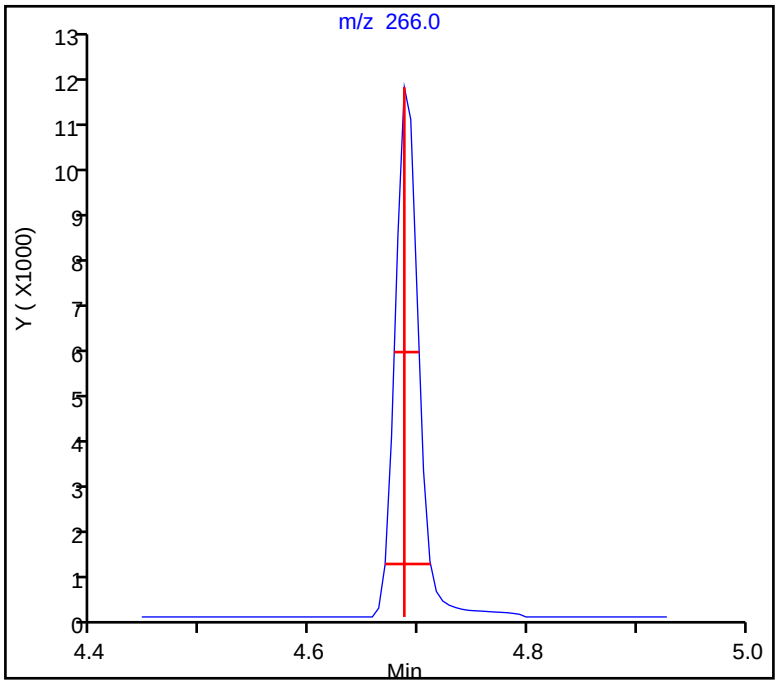
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d
Injection Date: 29-Aug-2020 17:25:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.024 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

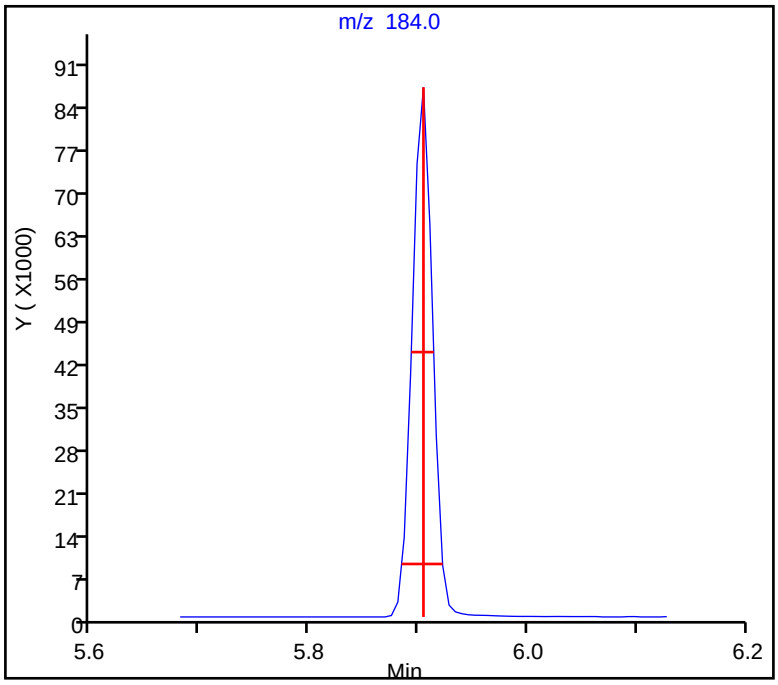
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200829-115998.b\X28694.d
Injection Date: 29-Aug-2020 17:25:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 01-Sep-2020 12:59:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 01-Sep-2020 19:30:47 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1051

First Level Reviewer: eisam Date: 01-Sep-2020 19:30:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.663	4.663	0.000	84	13413	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.875	5.875	0.000	98	108677	NR	NR	
125 4,4'-DDE	246	6.022	6.022	0.000	1	74		NC	a
126 4,4'-DDD	235	6.287	6.287	0.000	1	617		NC	
127 4,4'-DDT	235	6.528	6.528	0.000	96	48797	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

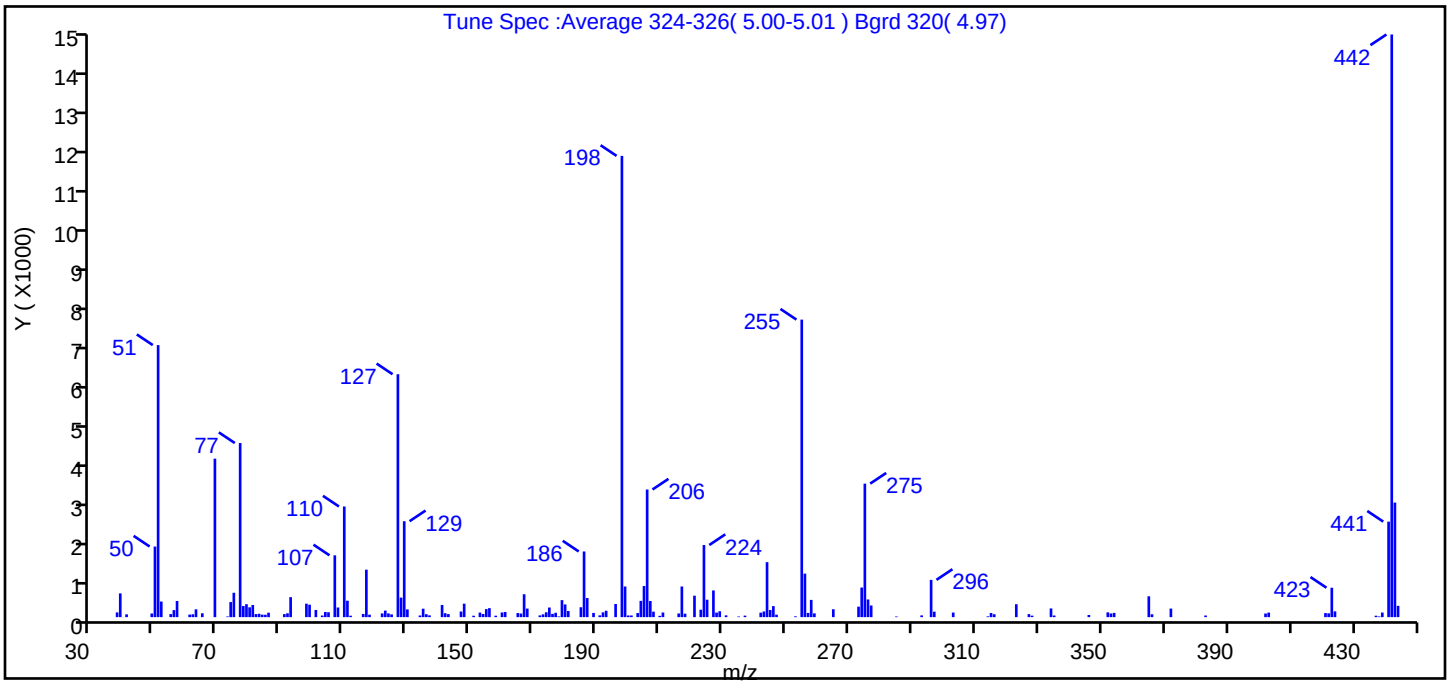
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d
Injection Date: 01-Sep-2020 12:59:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (79.2)
51	10-80% of the base peak	59.0
68	<2% of mass 69	0.0 (0.0)
69	Present	34.4
70	<2% of mass 69	0.0 (0.0)
127	10-80% of the base peak	52.7
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-60% of the base peak	28.9
365	>1% of mass 198	4.5
441	present but <24% of mass 442	20.7 (16.4)
442	base peak, or >50% of 198	126.3
443	15-24% of mass 442	24.8 (19.7)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d\8270_5R.rslt\spectra.d
Injection Date: 01-Sep-2020 12:59:30
Spectrum: Tune Spec :Average 324-326(5.00-5.01) Bgrd 320(4.97)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	122	116.00	82	186.00	1686	259.00	97
39.00	610	117.00	1219	187.00	491	265.00	203
40.00	2	118.00	63	189.00	108	273.00	269
41.00	72	122.00	96	191.00	46	274.00	760
49.00	94	123.00	168	192.00	123	275.00	3428
50.00	1813	124.00	96	193.00	164	276.00	454
51.00	6985	125.00	71	196.00	337	277.00	299
52.00	401	127.00	6237	198.00	11843	285.00	17
55.00	79	128.00	501	199.00	787	293.00	45
56.00	181	129.00	2463	200.00	43	296.00	957
57.00	415	130.00	199	201.00	43	297.00	141
61.00	66	134.00	43	203.00	105	303.00	118
62.00	74	135.00	217	204.00	418	314.00	20
63.00	201	136.00	76	205.00	799	315.00	106
65.00	99	137.00	46	206.00	3277	316.00	74
69.00	4069	141.00	313	207.00	415	323.00	332
73.00	17	142.00	101	208.00	141	327.00	78
74.00	387	143.00	78	210.00	34	328.00	38
75.00	626	147.00	145	211.00	119	334.00	224
77.00	4470	148.00	346	216.00	94	335.00	42
78.00	285	151.00	36	217.00	787	346.00	55
79.00	332	153.00	117	218.00	89	352.00	123
80.00	253	154.00	81	221.00	551	353.00	94
81.00	312	155.00	206	223.00	191	354.00	109
82.00	78	156.00	231	224.00	1852	365.00	535
83.00	86	158.00	37	225.00	448	366.00	74
84.00	64	160.00	120	227.00	686	372.00	220
85.00	62	161.00	133	228.00	117	383.00	42
86.00	114	165.00	105	229.00	151	402.00	93
91.00	78	166.00	93	231.00	46	403.00	117
92.00	99	167.00	588	235.00	16	421.00	105
93.00	513	168.00	220	237.00	39	422.00	98
98.00	346	172.00	45	242.00	115	423.00	755

Report Date: 01-Sep-2020 19:30:47 Chrom Revision: 2.3 20-Aug-2020 13:57:12
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d\8270_5R.rslt\spectra.d
Injection Date: 01-Sep-2020 12:59:30
Spectrum: Tune Spec :Average 324-326(5.00-5.01) Bgrd 320(4.97)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	320	173.00	72	243.00	146	424.00	148
101.00	184	174.00	125	244.00	1412	437.00	37
103.00	41	175.00	247	245.00	183	438.00	17
104.00	133	176.00	84	246.00	284	439.00	118
105.00	125	177.00	112	247.00	63	441.00	2452
107.00	1587	178.00	17	253.00	21	442.00	14960
108.00	248	179.00	437	255.00	7639	443.00	2941
110.00	2841	180.00	326	256.00	1117	444.00	290
111.00	422	181.00	157	257.00	108		
112.00	37	185.00	254	258.00	443		

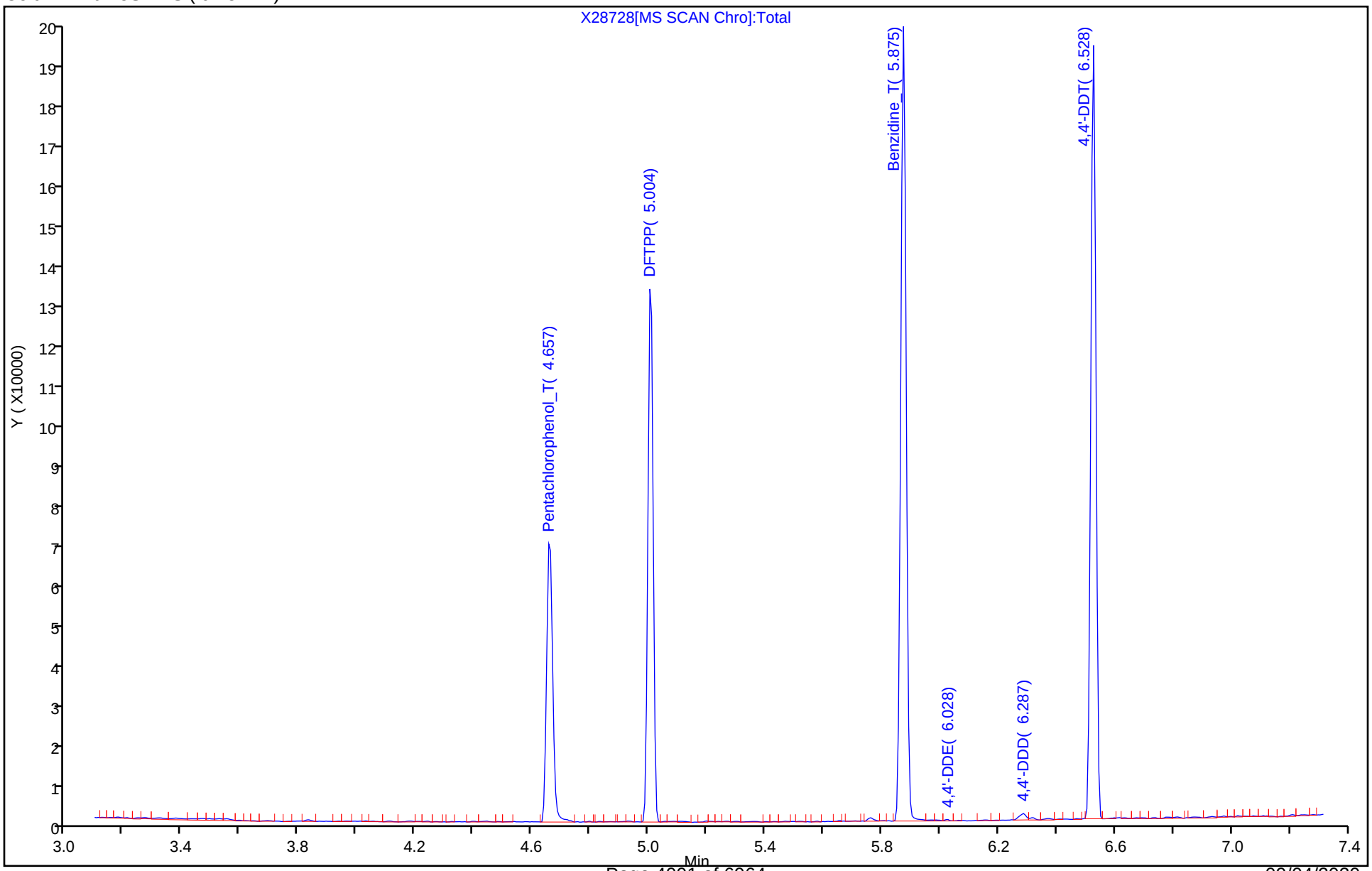
Report Date: 01-Sep-2020 19:30:47 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d

Injection Date:	01-Sep-2020 12:59:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d
Injection Date: 01-Sep-2020 12:59:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

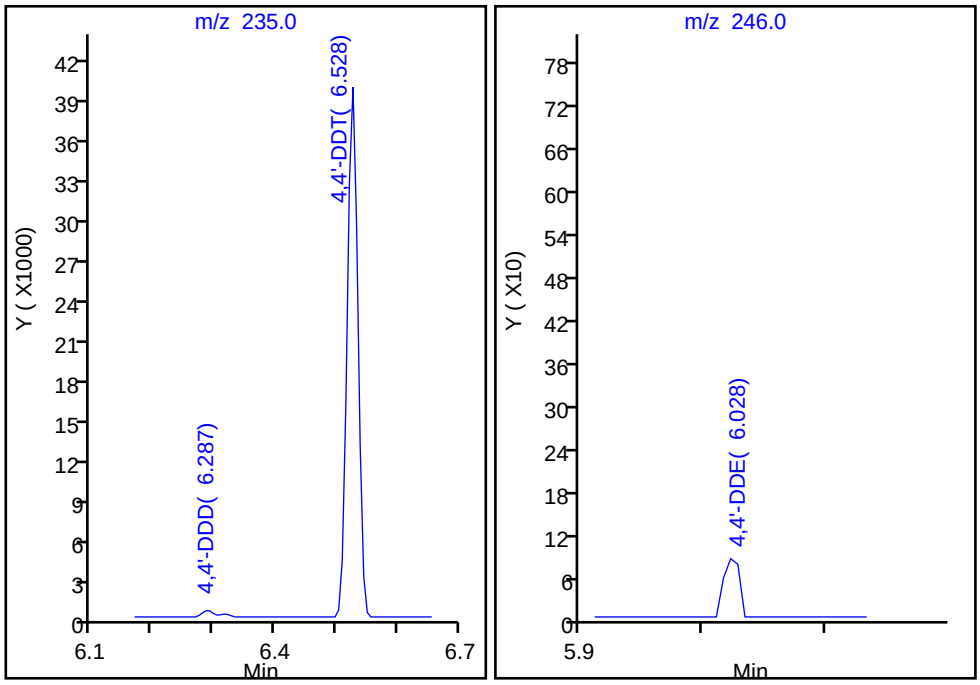
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 48797
126 4,4'-DDD, Area = 617
125 4,4'-DDE, Area = 74

%Breakdown: 1.40%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

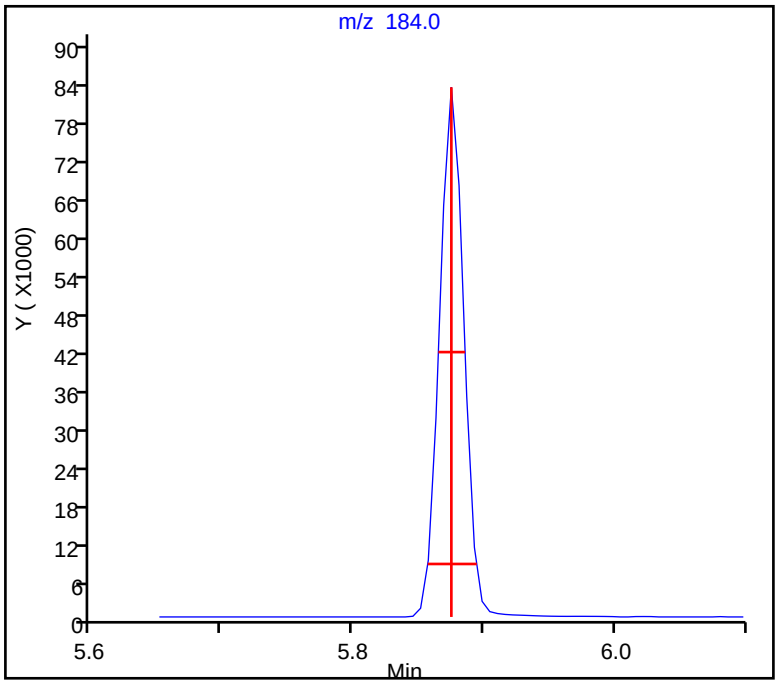
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d
Injection Date: 01-Sep-2020 12:59:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

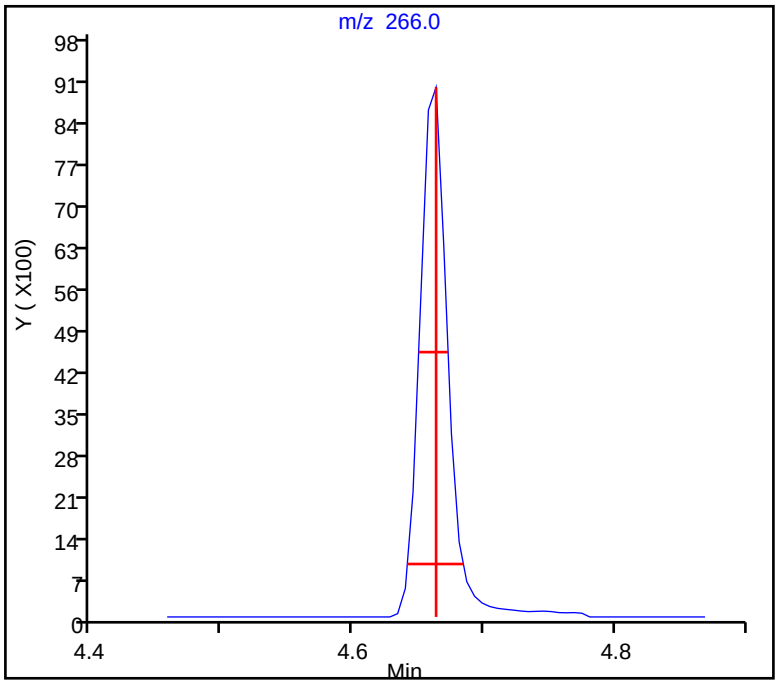
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28728.d
Injection Date: 01-Sep-2020 12:59:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-719969/1-A

Matrix: Solid Lab File ID: L33419.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 20:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.33	0.0056
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0091	U	0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.037	U	0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.0034	U	0.33	0.0034
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0056	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.0046	U	0.33	0.0046
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-719969/1-A

Matrix: Solid Lab File ID: L33419.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 20:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.075	U	0.33	0.075
84-74-2	Di-n-butyl phthalate	0.058	U	0.33	0.058
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0070	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.096	U	0.13	0.096
91-20-3	Naphthalene	0.0057	U	0.33	0.0057
98-95-3	Nitrobenzene	0.0079	U	0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063
85-01-8	Phenanthrene	0.0058	U	0.33	0.0058
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	91		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	97		19-105
1718-51-0	Terphenyl-d14 (Surr)	114		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-719969/1-A

Matrix: Solid Lab File ID: L33419.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 20:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.694

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.82	0.694	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33419.d
Lims ID: MB 460-719969/1-A
Client ID:
Sample Type: MB
Inject. Date: 27-Aug-2020 20:51:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-005
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 12:18:31 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:18:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.128	3.116	0.012	88	159370	50.0	45.6	
$ 6 Phenol-d5	99	4.022	4.028	-0.006	0	193372	50.0	43.5	
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	97	105041	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	96	178267	50.0	48.5	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	381737	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	338267	50.0	45.7	
* 63 Acenaphthene-d10	164	7.234	7.239	-0.005	97	191797	40.0	40.0	
$ 79 2,4,6-Tribromophenol	330	7.986	7.992	-0.006	95	50941	50.0	50.5	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	347650	40.0	40.0	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	369588	50.0	56.9	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	251041	40.0	40.0	
* 107 Perylene-d12	264	13.157	13.168	-0.011	97	236227	40.0	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33419.d				
Lims ID:	MB 460-719969/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	27-Aug-2020 20:51:30	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115878-005				
Operator ID:		Instrument ID:	CBNAMS12		
Method:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	28-Aug-2020 12:18:31	Calib Date:	29-Jul-2020 16:20:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1023				
First Level Reviewer: khlungprakhons		Date:	28-Aug-2020 12:18:31		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Aldol condensation product								
2.816	167744	10.4	13	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.357	644299	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

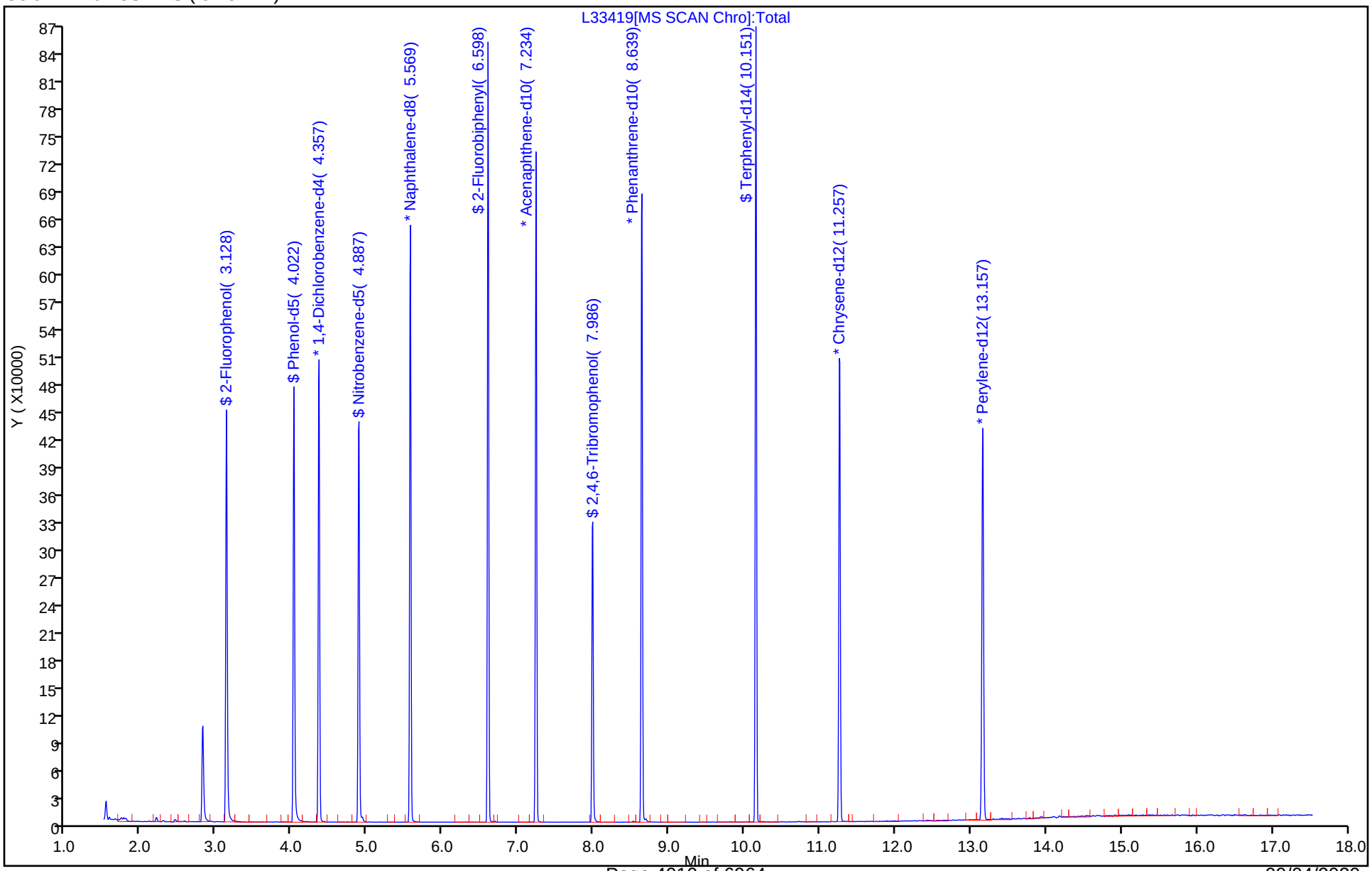
Report Date: 28-Aug-2020 12:18:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33419.d

Injection Date:	27-Aug-2020 20:51:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	MB 460-719969/1-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



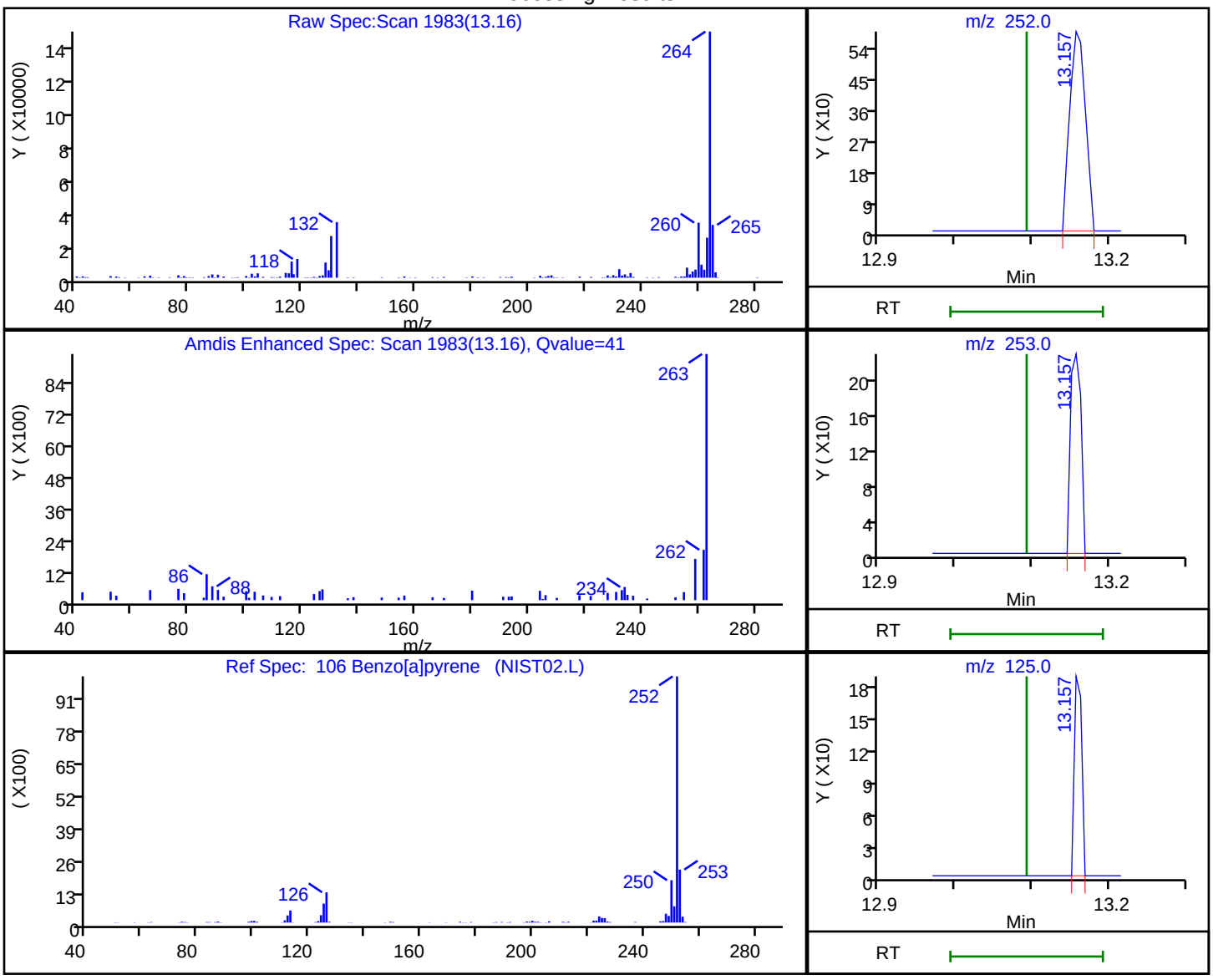
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33419.d				
Injection Date:	27-Aug-2020 20:51:30	Instrument ID:	CBNAMS12		
Lims ID:	MB 460-719969/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.16	252.00	835	0.135927
13.16	253.00	211	
13.16	125.00	125	

Reviewer: eisam, 27-Aug-2020 21:14:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 28-Aug-2020 12:18:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33419.d

Injection Date: 27-Aug-2020 20:51:30 Instrument ID: CBNAMS12

Lims ID: MB 460-719969/1-A

Client ID:

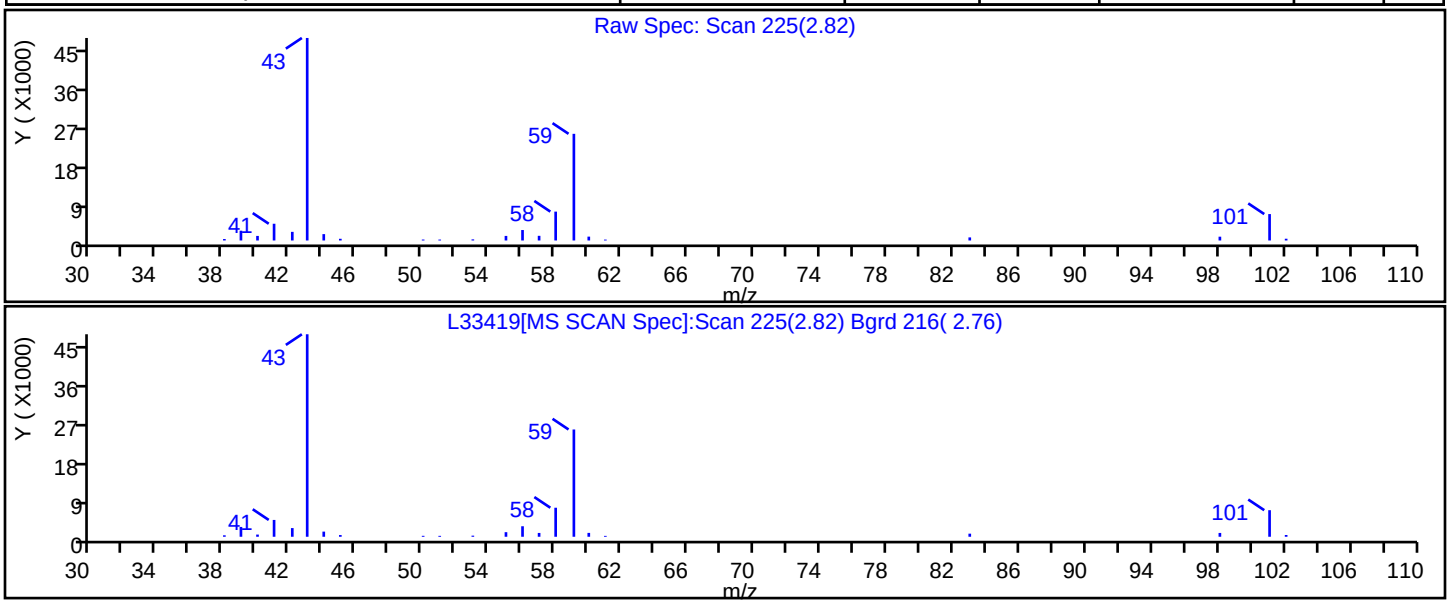
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720271/1-A

Matrix: Solid Lab File ID: f4516031.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.33	0.0056
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0091	U	0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.037	U	0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.0034	U	0.33	0.0034
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0056	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.0046	U	0.33	0.0046
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720271/1-A

Matrix: Solid Lab File ID: f4516031.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.075	U	0.33	0.075
84-74-2	Di-n-butyl phthalate	0.058	U	0.33	0.058
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0070	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.096	U	0.13	0.096
91-20-3	Naphthalene	0.0057	U	0.33	0.0057
98-95-3	Nitrobenzene	0.0079	U	0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063
85-01-8	Phenanthrene	0.0058	U	0.33	0.0058
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	65		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	67		19-105
1718-51-0	Terphenyl-d14 (Surr)	73		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720271/1-A

Matrix: Solid Lab File ID: f4516031.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.302

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.25	0.302	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516031.D
Lims ID: MB 460-720271/1-A
Client ID:
Sample Type: MB
Inject. Date: 28-Aug-2020 20:05:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-003
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:29:56 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 28-Aug-2020 20:33:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.435	2.432	0.003	87	102751	50.0	32.7	
$ 8 Phenol-d5	99	3.057	3.063	-0.006	99	135050	50.0	32.9	
* 15 1,4-Dichlorobenzene-d4	152	3.337	3.341	-0.004	98	81274	40.0	40.0	
$ 26 Nitrobenzene-d5	82	3.753	3.762	-0.009	94	130919	50.0	33.7	
* 36 Naphthalene-d8	136	4.307	4.314	-0.007	99	327172	40.0	40.0	
49 2-Toluidine	107	5.150	5.129	0.005	24	3390		NC	
$ 50 2-Fluorobiphenyl	172	5.150	5.158	-0.008	96	207043	50.0	32.5	
* 61 Acenaphthene-d10	164	5.657	5.665	-0.008	97	171354	40.0	40.0	
$ 76 2,4,6-Tribromophenol	330	6.256	6.264	-0.008	95	38807	50.0	38.2	
86 1-Naphthylamine	143	6.781	6.729	0.042	42	139		NC	
* 83 Phenanthrene-d10	188	6.781	6.790	-0.009	99	329891	40.0	40.0	
$ 93 Terphenyl-d14	244	7.992	8.003	-0.011	97	281268	50.0	36.4	
* 98 Chrysene-d12	240	8.836	8.850	-0.014	99	300945	40.0	40.0	
* 107 Perylene-d12	264	10.260	10.276	-0.016	98	312195	40.0	40.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516031.D
Lims ID: MB 460-720271/1-A
Client ID:
Sample Type: MB
Inject. Date: 28-Aug-2020 20:05:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-003
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:29:56 Calib Date: 21-Aug-2020 00:07:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02SEMI.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 28-Aug-2020 20:33:42

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.249	63095	4.54	15	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 15 1,4-Dichlorobenzene-d4	3.337	556273	40.0

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 12:31:19 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516031.D

Injection Date: 28-Aug-2020 20:05:30 Instrument ID: CBNAMS15 Operator ID:

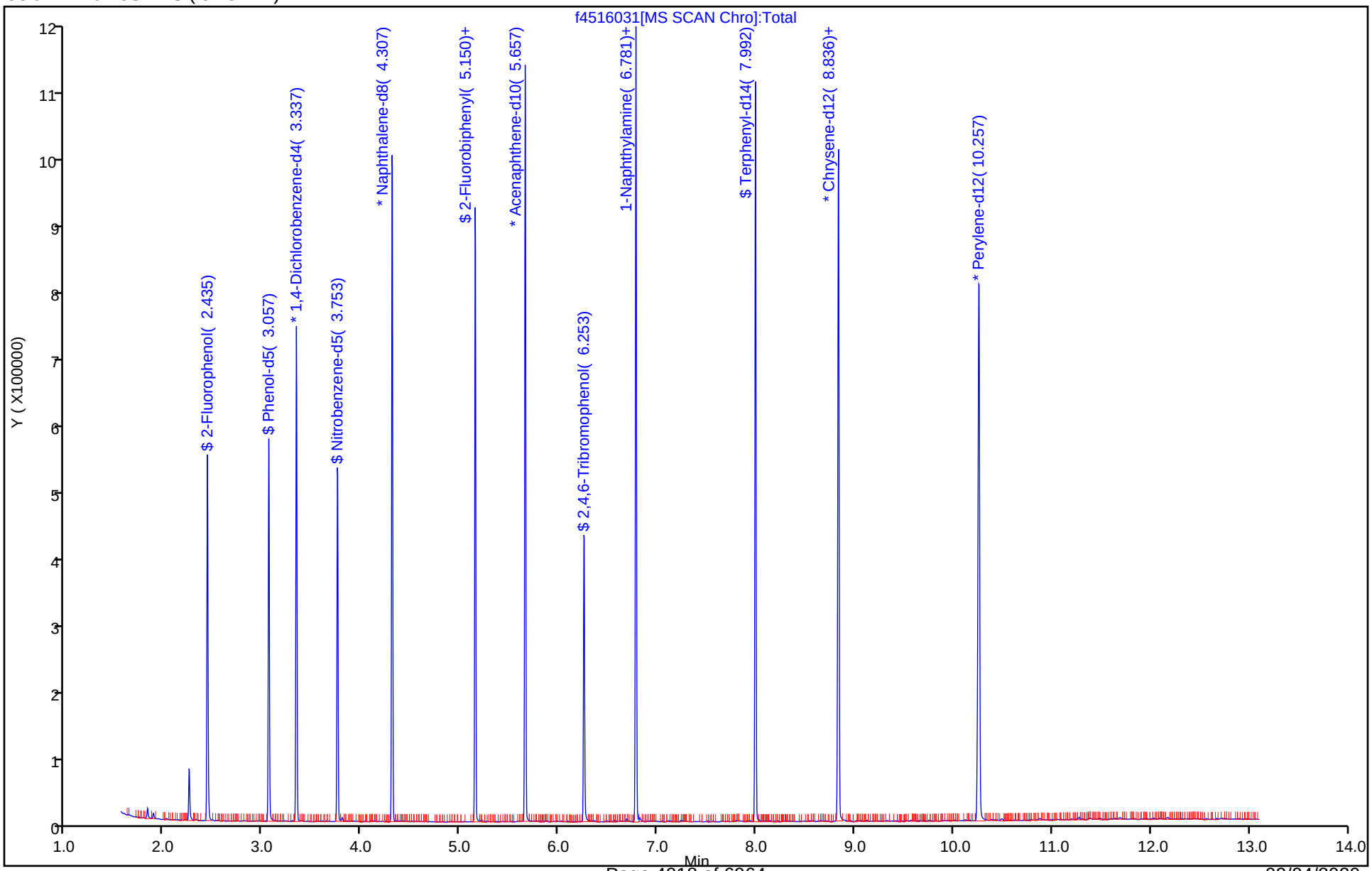
Lims ID: MB 460-720271/1-A Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



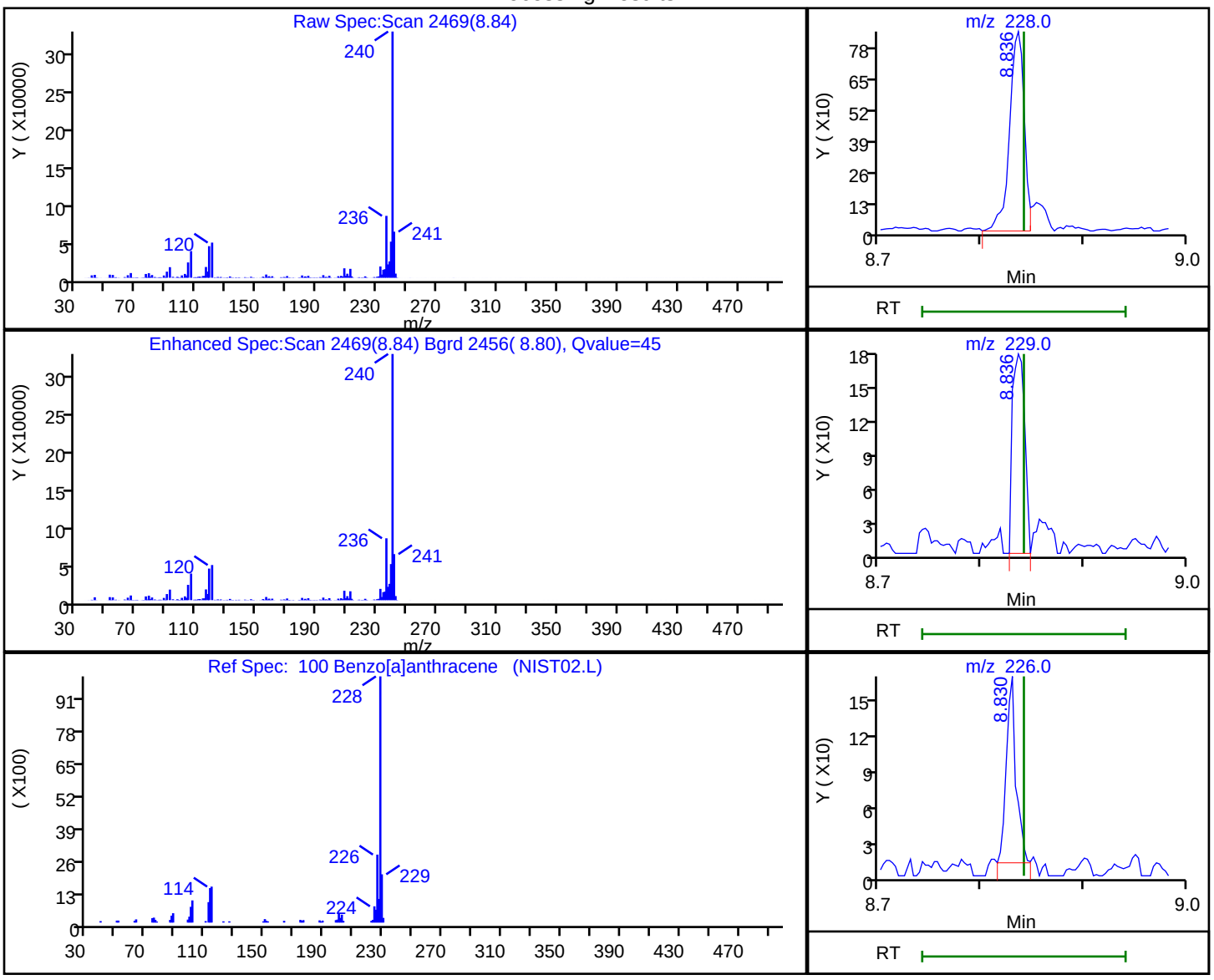
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516031.D				
Injection Date:	28-Aug-2020 20:05:30	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-720271/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
8.84	228.00	849	0.081886
8.84	229.00	147	
8.83	226.00	104	

Reviewer: hamziy, 28-Aug-2020 20:33:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

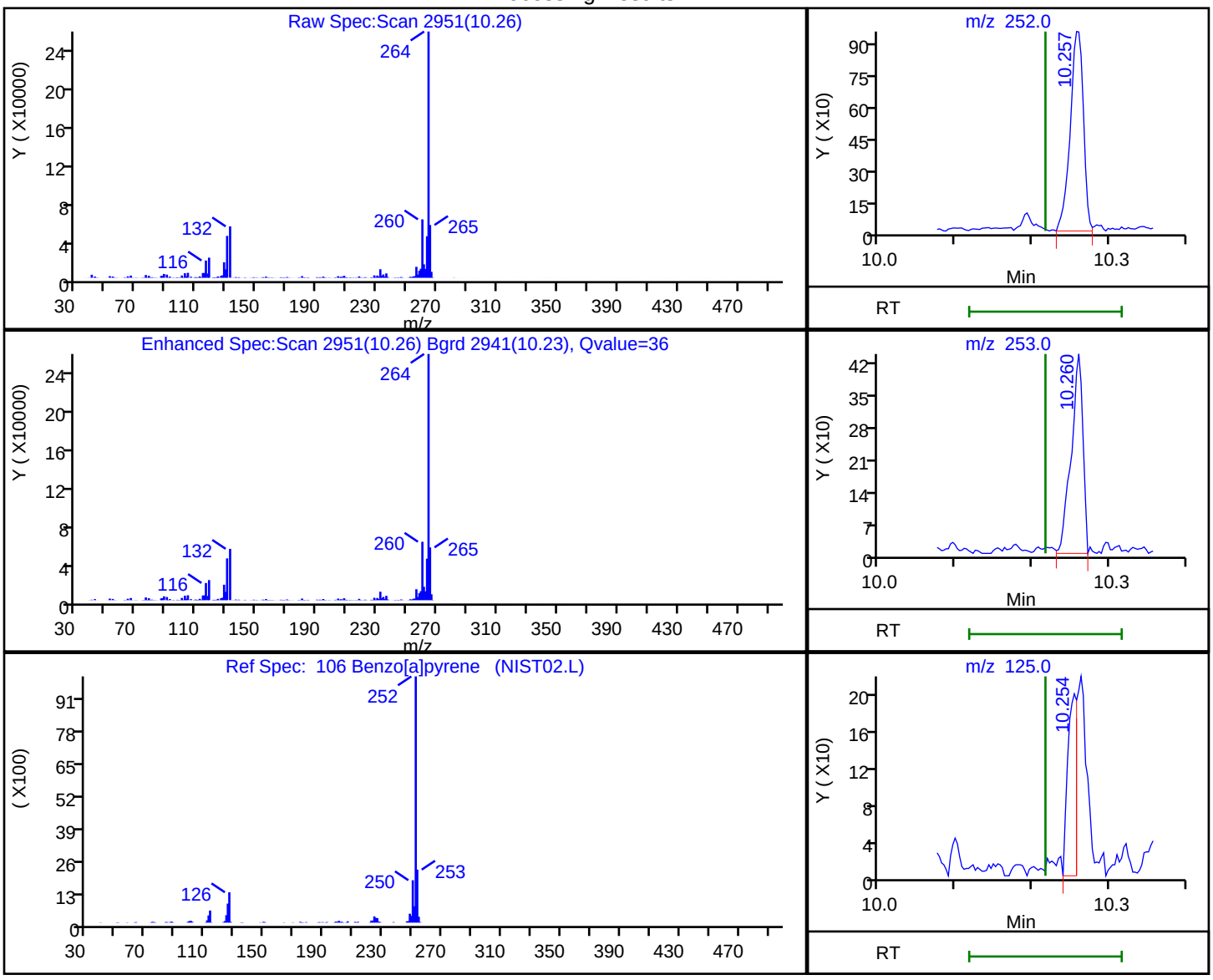
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516031.D				
Injection Date:	28-Aug-2020 20:05:30	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-720271/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
10.26	252.00	1146	0.144234
10.26	253.00	464	
10.25	125.00	167	

Reviewer: hamziy, 28-Aug-2020 20:33:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 31-Aug-2020 12:31:19 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516031.D

Injection Date: 28-Aug-2020 20:05:30 Instrument ID: CBNAMS15

Lims ID: MB 460-720271/1-A

Client ID:

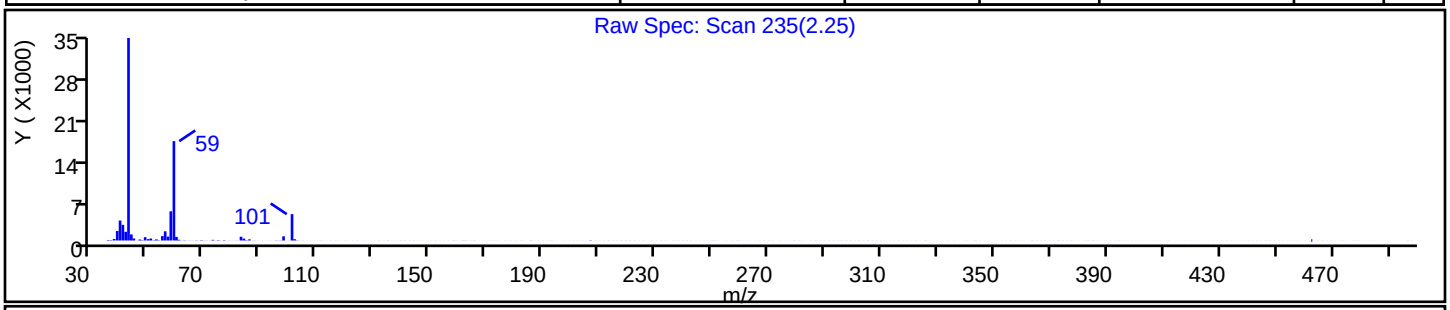
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

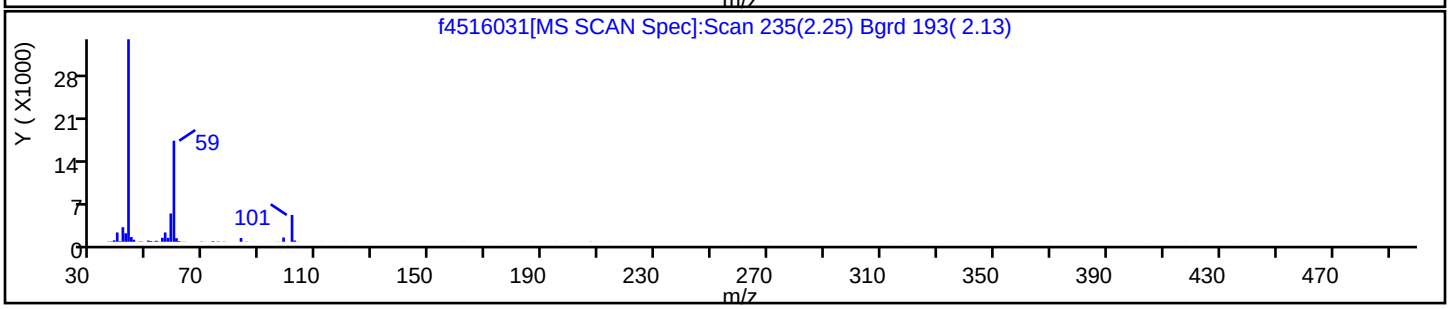
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						





FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720378/1-A

Matrix: Solid Lab File ID: Z57868.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 01:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.33	0.0056
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0091	U	0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.037	U	0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.0034	U	0.33	0.0034
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0056	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.0046	U	0.33	0.0046
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720378/1-A

Matrix: Solid Lab File ID: Z57868.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 01:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.075	U	0.33	0.075
84-74-2	Di-n-butyl phthalate	0.058	U	0.33	0.058
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0070	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.096	U	0.13	0.096
91-20-3	Naphthalene	0.0057	U	0.33	0.0057
98-95-3	Nitrobenzene	0.0079	U	0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063
85-01-8	Phenanthrene	0.0058	U	0.33	0.0058
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	86		19-105
1718-51-0	Terphenyl-d14 (Surr)	104		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720378/1-A

Matrix: Solid Lab File ID: Z57868.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 01:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.344

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.64	0.344	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d
Lims ID: MB 460-720378/1-A
Client ID:
Sample Type: MB
Inject. Date: 29-Aug-2020 01:37:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-004
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:19:46 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: khlungprakhons Date: 31-Aug-2020 11:20:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.937	2.919	0.018	90	709695	50.0	44.6	
$ 6 Phenol-d5	99	3.825	3.831	-0.006	99	909111	50.0	43.8	
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	97	483522	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.701	4.707	-0.006	92	866224	50.0	43.0	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	1879063	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.442	6.448	-0.006	98	1720562	50.0	42.6	
* 65 Acenaphthene-d10	164	7.089	7.090	-0.001	96	1079260	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	7.842	7.848	-0.006	95	300104	50.0	43.8	
* 87 Phenanthrene-d10	188	8.507	8.507	0.000	98	2108618	40.0	40.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2587022	50.0	51.9	
* 102 Chrysene-d12	240	11.130	11.136	-0.006	99	1814941	40.0	40.0	
* 109 Perylene-d12	264	12.983	12.983	0.000	100	1531430	40.0	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d
Lims ID: MB 460-720378/1-A
Client ID:
Sample Type: MB
Inject. Date: 29-Aug-2020 01:37:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-004
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:19:46 Calib Date: 12-Aug-2020 19:02:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02SEMI.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: khlungprakhons Date: 31-Aug-2020 11:20:27

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.637	380964	5.15	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.160	2956630	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:20:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d

Injection Date: 29-Aug-2020 01:37:30 Instrument ID: CBNAMS11 Operator ID:

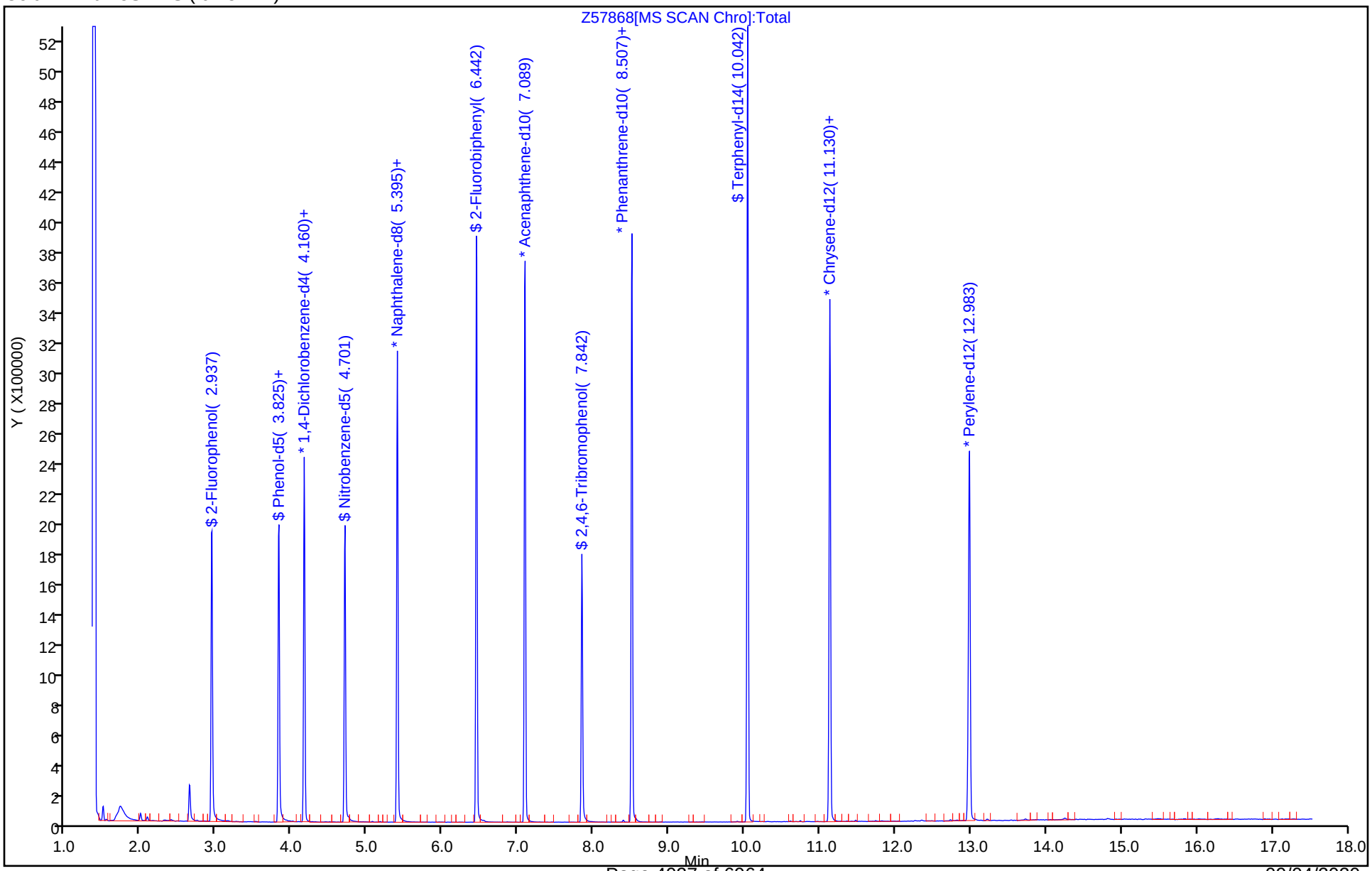
Lims ID: MB 460-720378/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



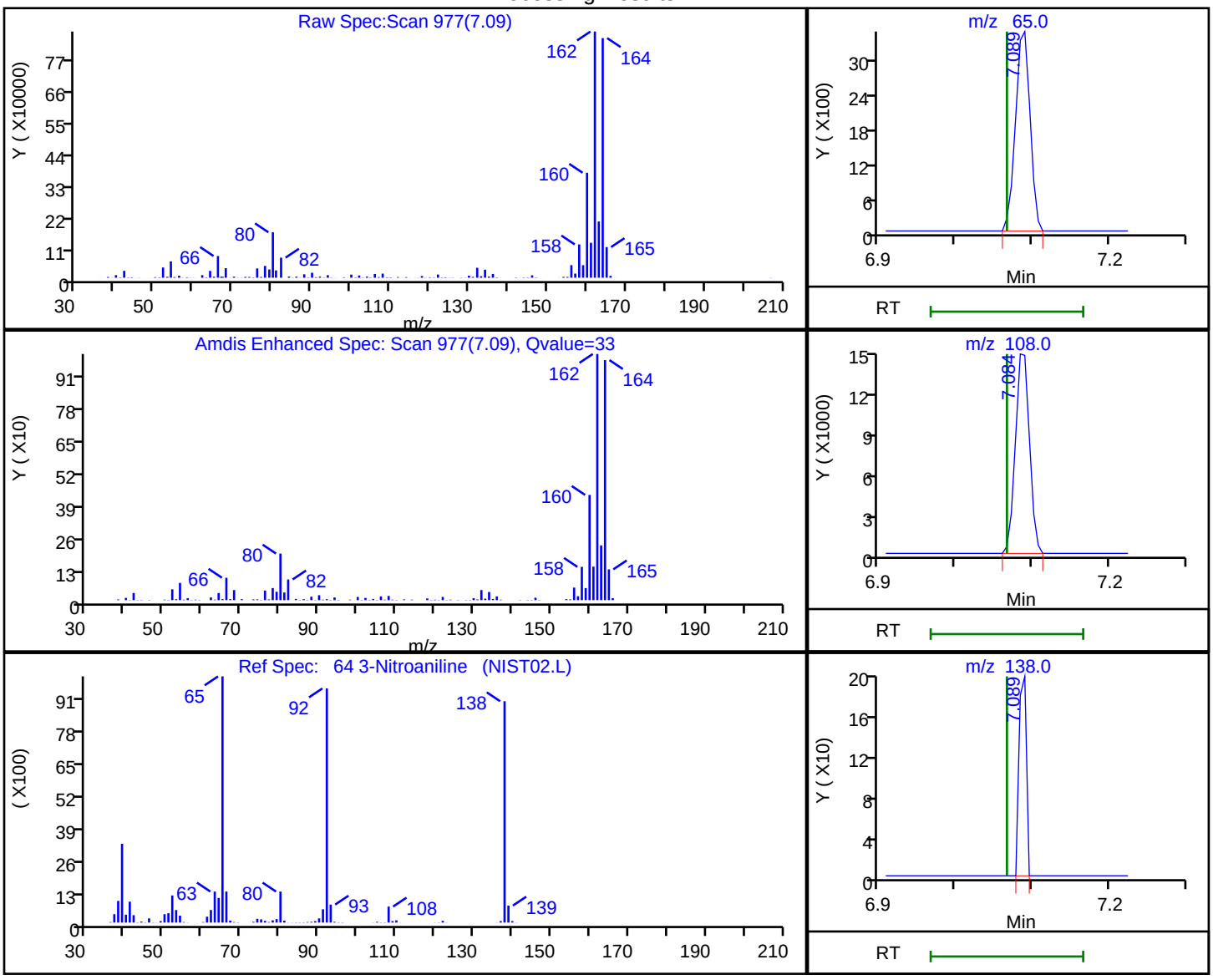
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d				
Injection Date:	29-Aug-2020 01:37:30	Instrument ID:	CBNAMS11		
Lims ID:	MB 460-720378/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

64 3-Nitroaniline, CAS: 99-09-2

Processing Results



RT	Mass	Response	Amount
7.09	65.00	4637	0.317947
7.08	108.00	18592	
7.09	138.00	128	

Reviewer: hamziy, 29-Aug-2020 19:44:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

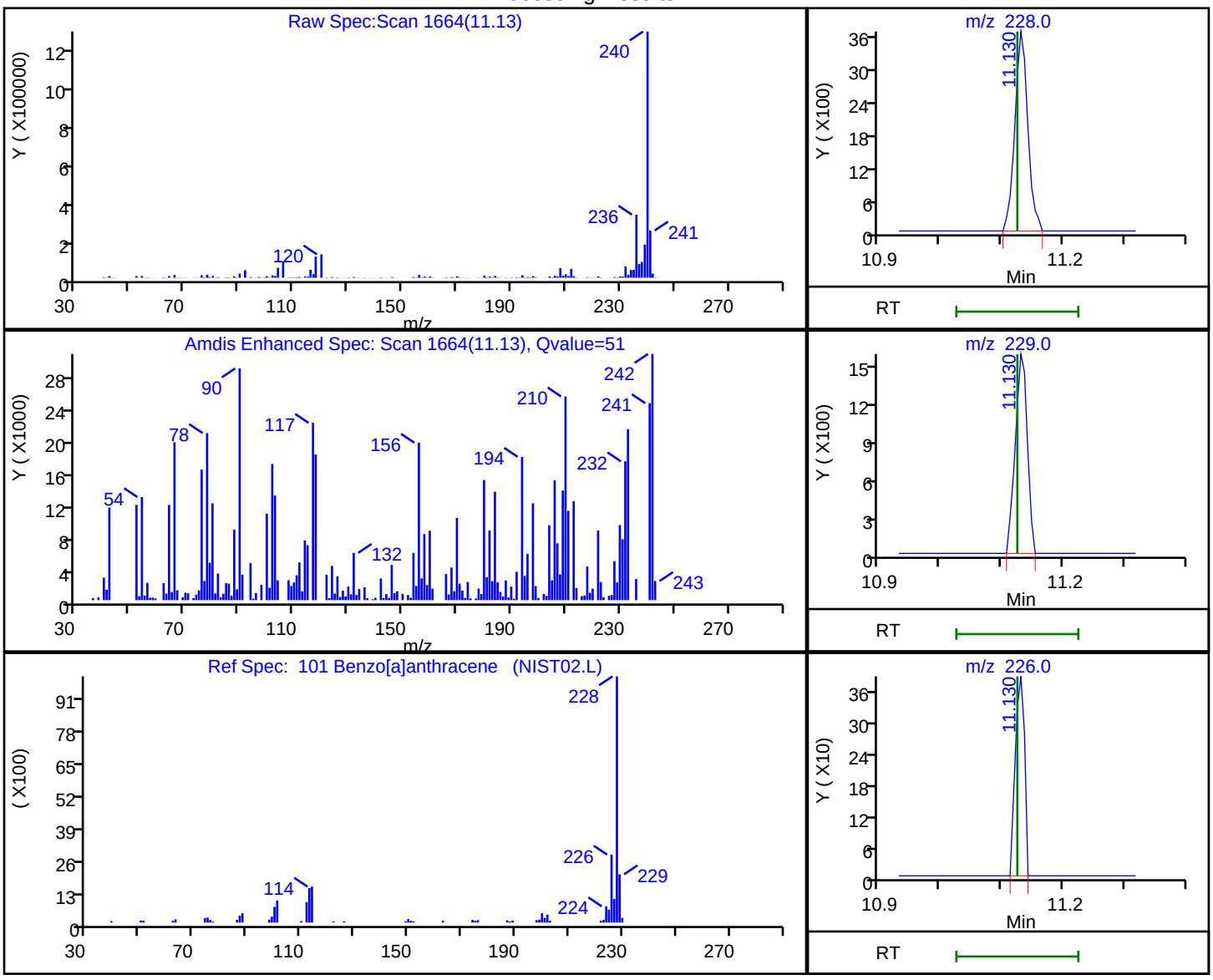
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d				
Injection Date:	29-Aug-2020 01:37:30	Instrument ID:	CBNAMS11		
Lims ID:	MB 460-720378/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.13	228.00	5378	0.083066
11.13	229.00	2176	
11.13	226.00	405	

Reviewer: hamziy, 29-Aug-2020 19:44:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

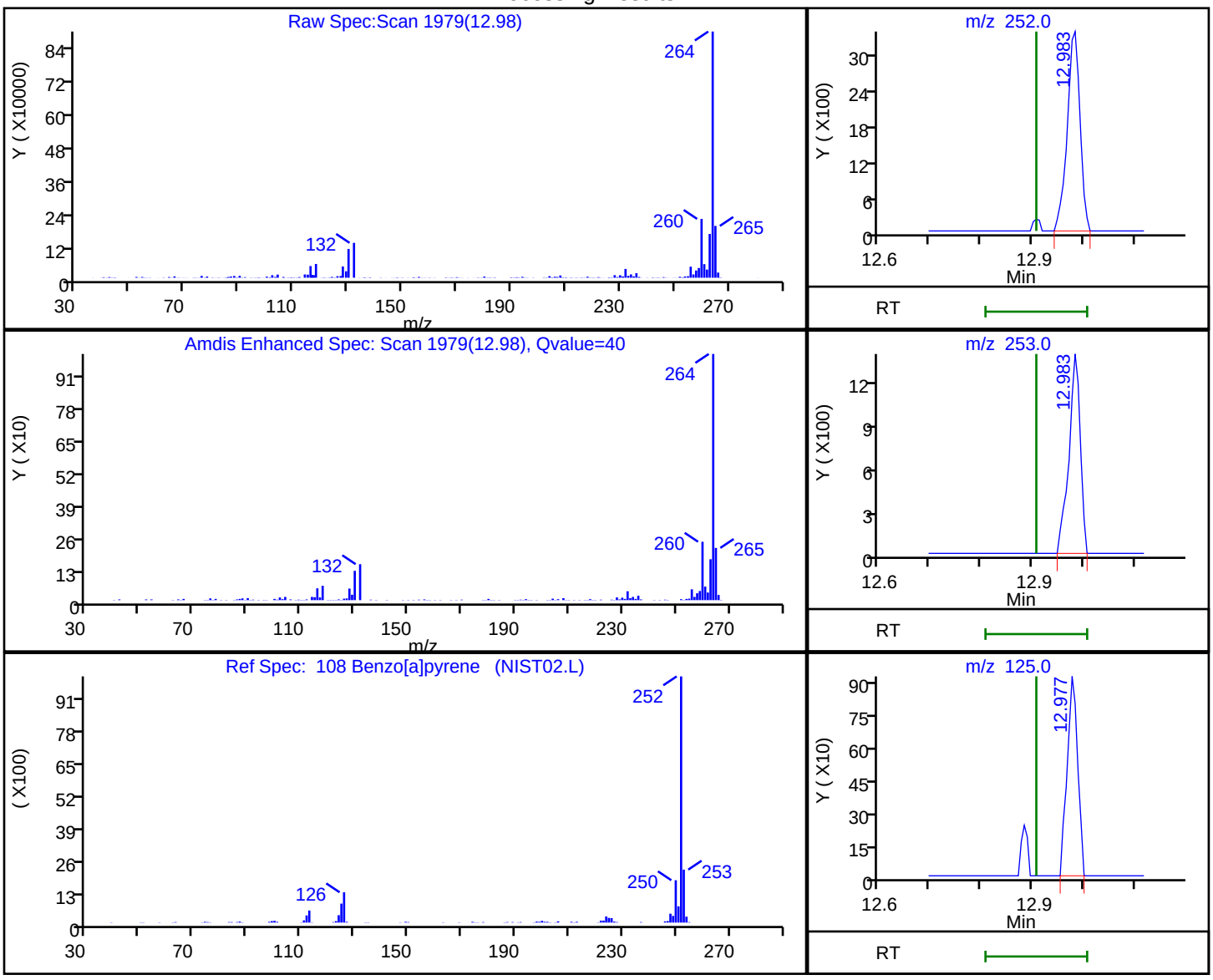
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d				
Injection Date:	29-Aug-2020 01:37:30	Instrument ID:	CBNAMS11		
Lims ID:	MB 460-720378/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.98	252.00	5907	0.145727
12.98	253.00	2131	
12.98	125.00	1332	

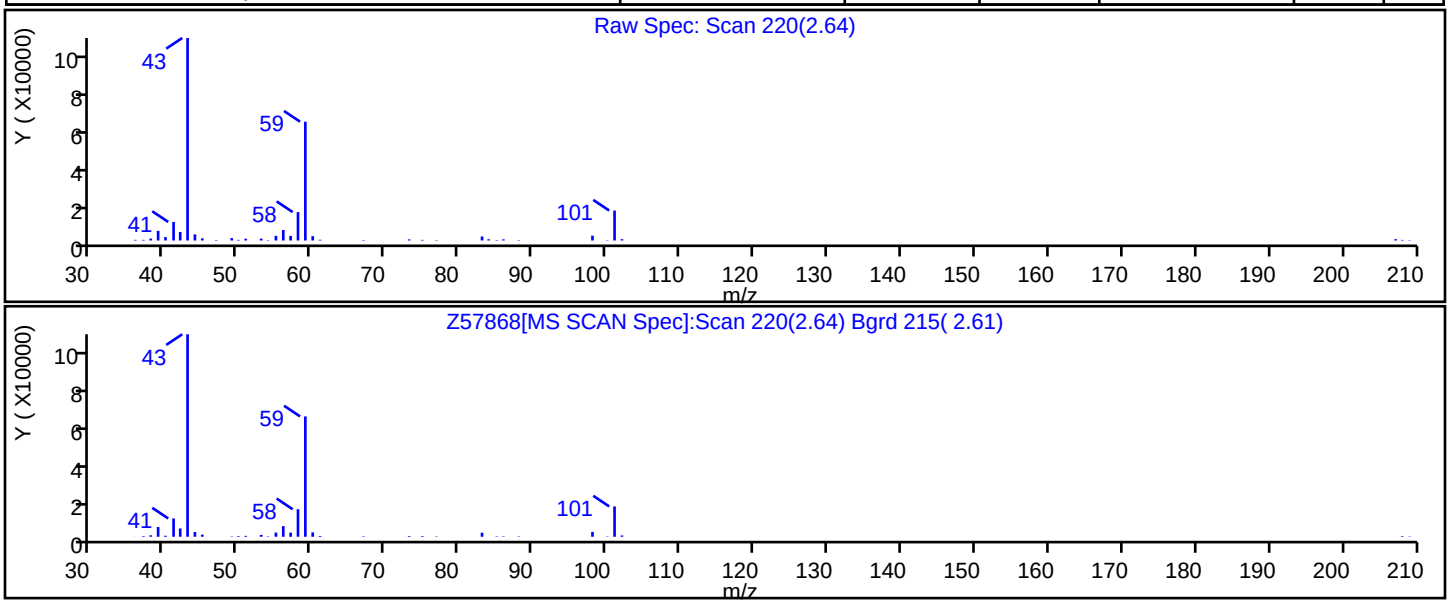
Reviewer: hamziy, 29-Aug-2020 19:44:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57868.d
Injection Date: 29-Aug-2020 01:37:30 Instrument ID: CBNAMS11
Lims ID: MB 460-720378/1-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720639/1-A

Matrix: Water Lab File ID: M135671.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 22:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720639/1-A

Matrix: Water Lab File ID: M135671.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 22:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	91		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	89		46-137
1718-51-0	Terphenyl-d14 (Surr)	116		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720639/1-A

Matrix: Water Lab File ID: M135671.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 22:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135671.D
Lims ID: MB 460-720639/1-A
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2020 22:41:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-008
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:39:34 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: nimerd Date: 31-Aug-2020 07:57:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.118	2.118	0.000	94	142706	10.0	5.45	
$ 6 Phenol-d5	99	2.989	2.987	0.003	98	120187	10.0	3.39	
* 14 1,4-Dichlorobenzene-d4	152	3.254	3.255	-0.001	97	171165	8.00	8.00	
$ 27 Nitrobenzene-d5	82	3.828	3.830	-0.002	91	298955	10.0	8.92	
* 38 Naphthalene-d8	136	4.530	4.533	-0.003	99	624909	8.00	8.00	
$ 51 2-Fluorobiphenyl	172	5.606	5.607	-0.001	97	560502	10.0	9.13	
* 64 Acenaphthene-d10	164	6.218	6.223	-0.005	97	310342	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	6.971	6.975	-0.004	94	87165	10.0	11.4	
* 87 Phenanthrene-d10	188	7.610	7.611	-0.001	99	523070	8.00	8.00	
$ 96 Terphenyl-d14	244	9.138	9.138	0.000	98	445205	10.0	11.6	
* 102 Chrysene-d12	240	10.083	10.087	-0.004	99	307527	8.00	8.00	
* 109 Perylene-d12	264	11.609	11.611	-0.002	97	292256	8.00	8.00	

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

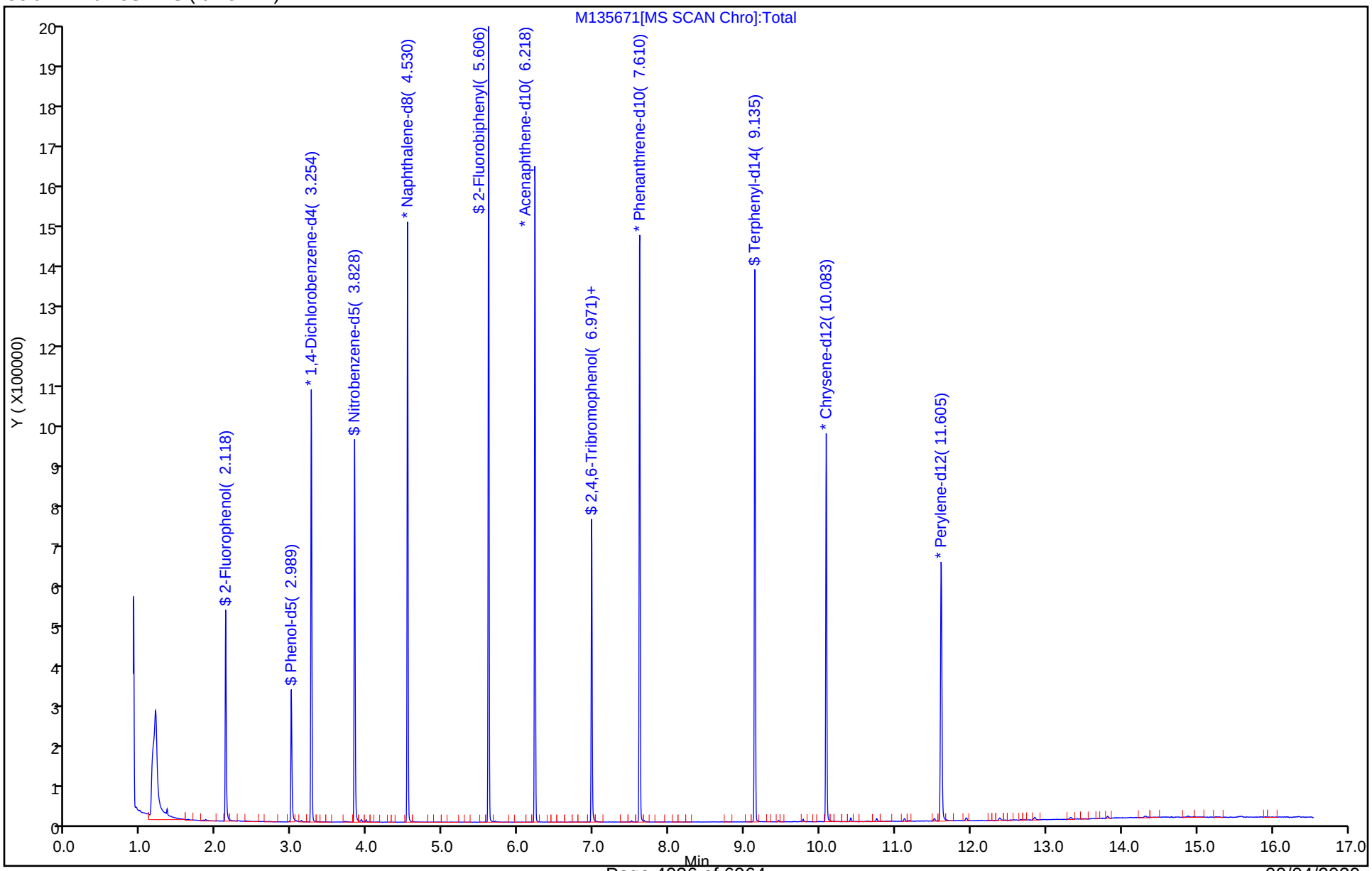
Report Date: 31-Aug-2020 08:39:58 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135671.D

Injection Date:	30-Aug-2020 22:41:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	MB 460-720639/1-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



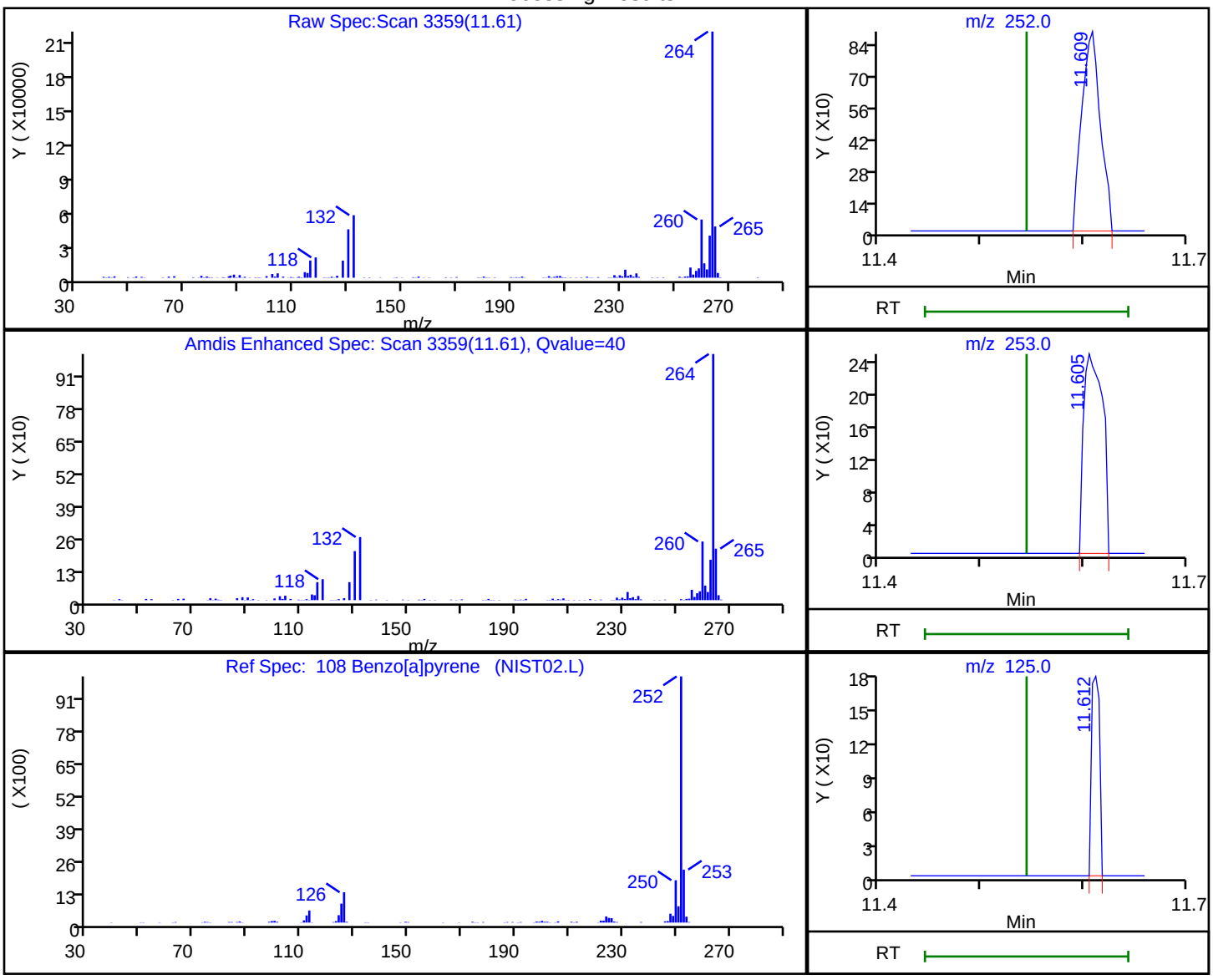
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135671.D				
Injection Date:	30-Aug-2020 22:41:30	Instrument ID:	CBNAMS17		
Lims ID:	MB 460-720639/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
11.61	252.00	1126	0.031225
11.61	253.00	317	
11.61	125.00	95	

Reviewer: nimerd, 31-Aug-2020 07:57:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720963/1-A

Matrix: Solid Lab File ID: X28731.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.33	0.0056
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
123-91-1	1,4-Dioxane	0.0091	U	0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
99-09-2	3-Nitroaniline	0.037	U	0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
106-47-8	4-Chloroaniline	0.023	U	0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
83-32-9	Acenaphthene	0.024	U	0.33	0.024
208-96-8	Acenaphthylene	0.0034	U	0.33	0.0034
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
86-74-8	Carbazole	0.013	U	0.33	0.013
218-01-9	Chrysene	0.0056	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
132-64-9	Dibenzofuran	0.0046	U	0.33	0.0046
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720963/1-A

Matrix: Solid Lab File ID: X28731.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.075	U	0.33	0.075
84-74-2	Di-n-butyl phthalate	0.058	U	0.33	0.058
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
206-44-0	Fluoranthene	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.0070	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
78-59-1	Isophorone	0.096	U	0.13	0.096
91-20-3	Naphthalene	0.0057	U	0.33	0.0057
98-95-3	Nitrobenzene	0.0079	U	0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.0063	U	0.33	0.0063
85-01-8	Phenanthrene	0.0058	U	0.33	0.0058
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	75		19-105
1718-51-0	Terphenyl-d14 (Surr)	86		25-127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-720963/1-A

Matrix: Solid Lab File ID: X28731.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 0.591

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.97	0.591	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28731.d
Lims ID: MB 460-720963/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Sep-2020 14:00:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 01-Sep-2020 19:33:25 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1051

First Level Reviewer: eisam Date: 01-Sep-2020 19:33:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.281	3.275	0.006	92	35298	50.0	39.2	
$ 6 Phenol-d5	99	4.157	4.163	-0.006	94	40580	50.0	38.7	
* 14 1,4-Dichlorobenzene-d4	152	4.510	4.516	-0.006	96	28139	40.0	40.0	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	93	33219	50.0	37.3	
* 38 Naphthalene-d8	136	5.716	5.722	-0.006	98	114065	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.740	6.739	0.001	97	78938	50.0	37.5	
* 65 Acenaphthene-d10	164	7.375	7.381	-0.006	96	57451	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	8.116	8.122	-0.006	92	14998	50.0	38.5	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	108378	40.0	40.0	
$ 96 Terphenyl-d14	244	10.286	10.286	0.000	98	105861	50.0	42.9	
* 102 Chrysene-d12	240	11.410	11.416	-0.006	99	95293	40.0	40.0	
* 109 Perylene-d12	264	13.327	13.333	-0.006	98	100354	40.0	40.0	

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28731.d				
Lims ID:	MB 460-720963/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	01-Sep-2020 14:00:30	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0116118-004				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	01-Sep-2020 19:33:25	Calib Date:	25-Aug-2020 15:22:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1051				
First Level Reviewer: eisam		Date:	01-Sep-2020 19:33:25		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Aldol condensation product								
2.969	36556	8.86	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.510	165015	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

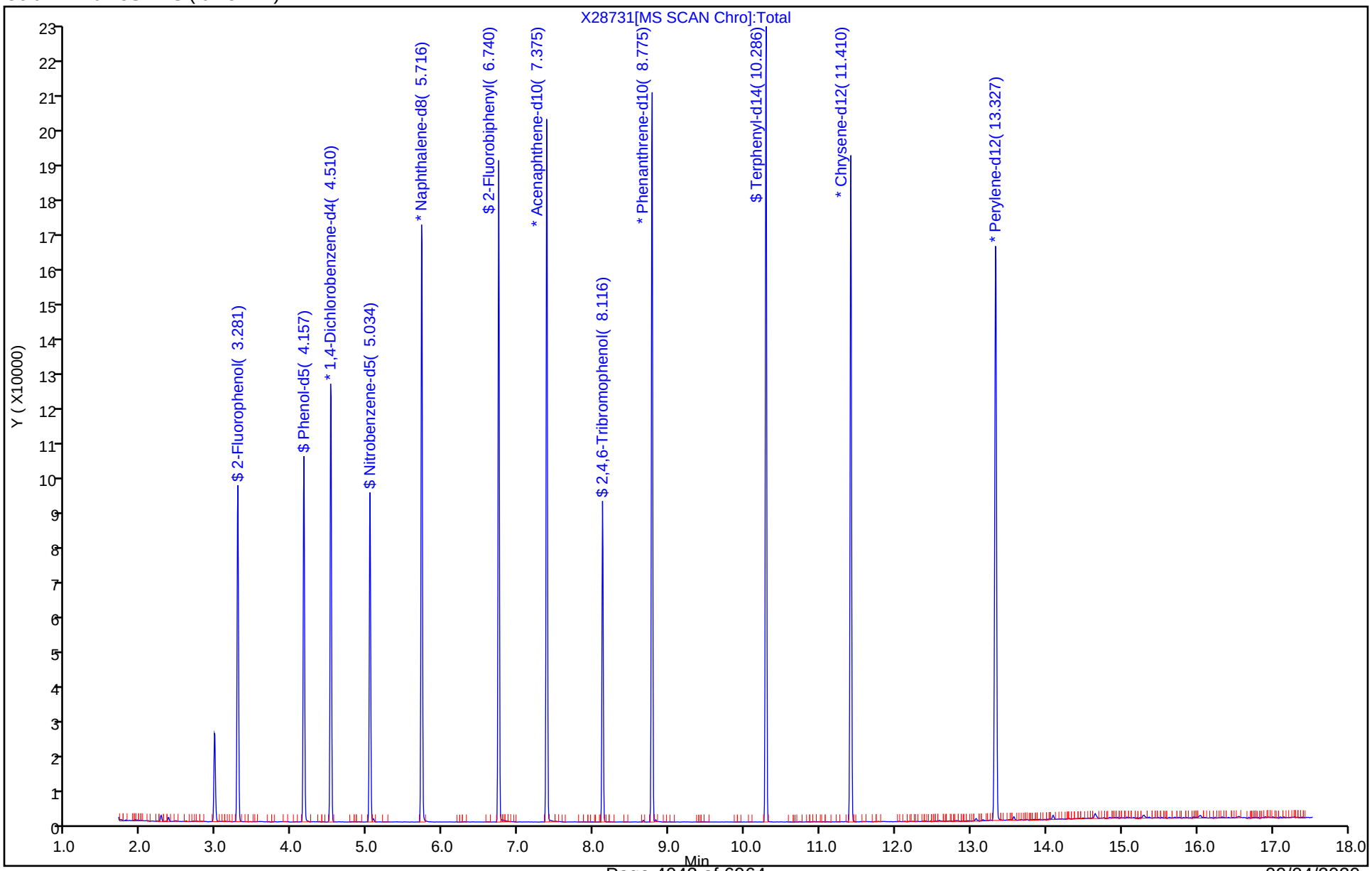
Report Date: 01-Sep-2020 19:33:25 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28731.d

Injection Date:	01-Sep-2020 14:00:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	MB 460-720963/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 01-Sep-2020 19:33:25 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28731.d

Injection Date: 01-Sep-2020 14:00:30 Instrument ID: CBNAMS5

Lims ID: MB 460-720963/1-A

Client ID:

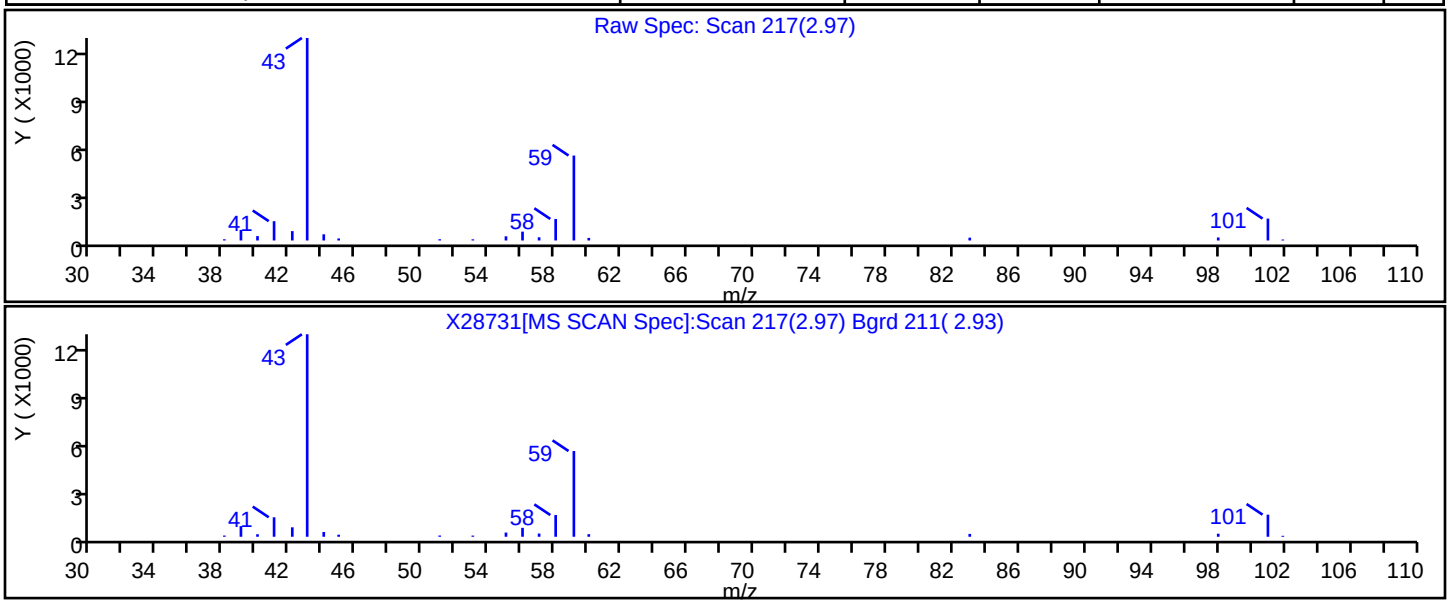
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721059/1-A

Matrix: Water Lab File ID: N927251.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 19:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.64	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	1.3	U	10	1.3
541-73-1	1,3-Dichlorobenzene	2.0	U	10	2.0
106-46-7	1,4-Dichlorobenzene	1.3	U	10	1.3
123-91-1	1,4-Dioxane	1.6	U	10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
88-74-4	2-Nitroaniline	0.47	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
100-01-6	4-Nitroaniline	1.2	U	10	1.2
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
120-12-7	Anthracene	0.63	U	10	0.63
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721059/1-A

Matrix: Water Lab File ID: N927251.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 19:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
85-01-8	Phenanthrene	0.58	U	10	0.58
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	88		46-137
1718-51-0	Terphenyl-d14 (Surr)	92		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-721059/1-A

Matrix: Water Lab File ID: N927251.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 19:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927251.d
Lims ID: MB 460-721059/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Sep-2020 19:35:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: maheseep Date: 02-Sep-2020 14:22:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.240	3.240	0.000	96	110646	10.0	4.11	
$ 6 Phenol-d5	99	4.104	4.104	0.000	96	82494	10.0	2.60	
* 14 1,4-Dichlorobenzene-d4	152	4.457	4.457	0.000	95	170925	8.00	8.00	
$ 27 Nitrobenzene-d5	82	4.981	4.981	0.000	88	248344	10.0	8.77	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	600552	8.00	8.00	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	516851	10.0	8.30	
* 64 Acenaphthene-d10	164	7.328	7.334	-0.006	96	311239	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.075	8.075	0.000	90	97224	10.0	10.8	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	535657	8.00	8.00	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	570753	10.0	9.15	
* 102 Chrysene-d12	240	11.351	11.357	-0.006	99	393371	8.00	8.00	
* 109 Perylene-d12	264	13.245	13.245	0.000	99	456024	8.00	8.00	

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 14:22:02 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927251.d

Injection Date: 01-Sep-2020 19:35:30 Instrument ID: CBNAMS14 Operator ID:

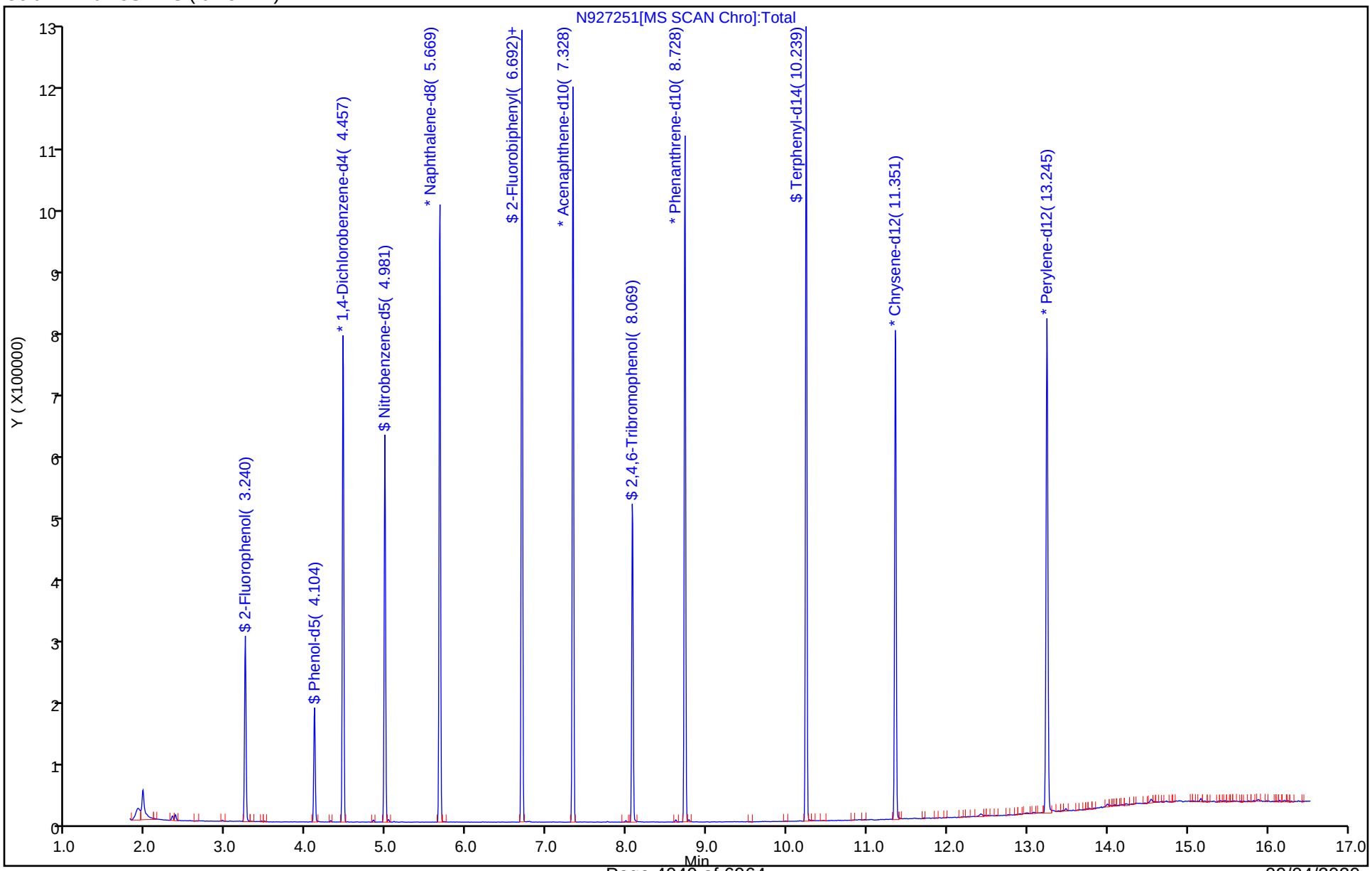
Lims ID: MB 460-721059/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



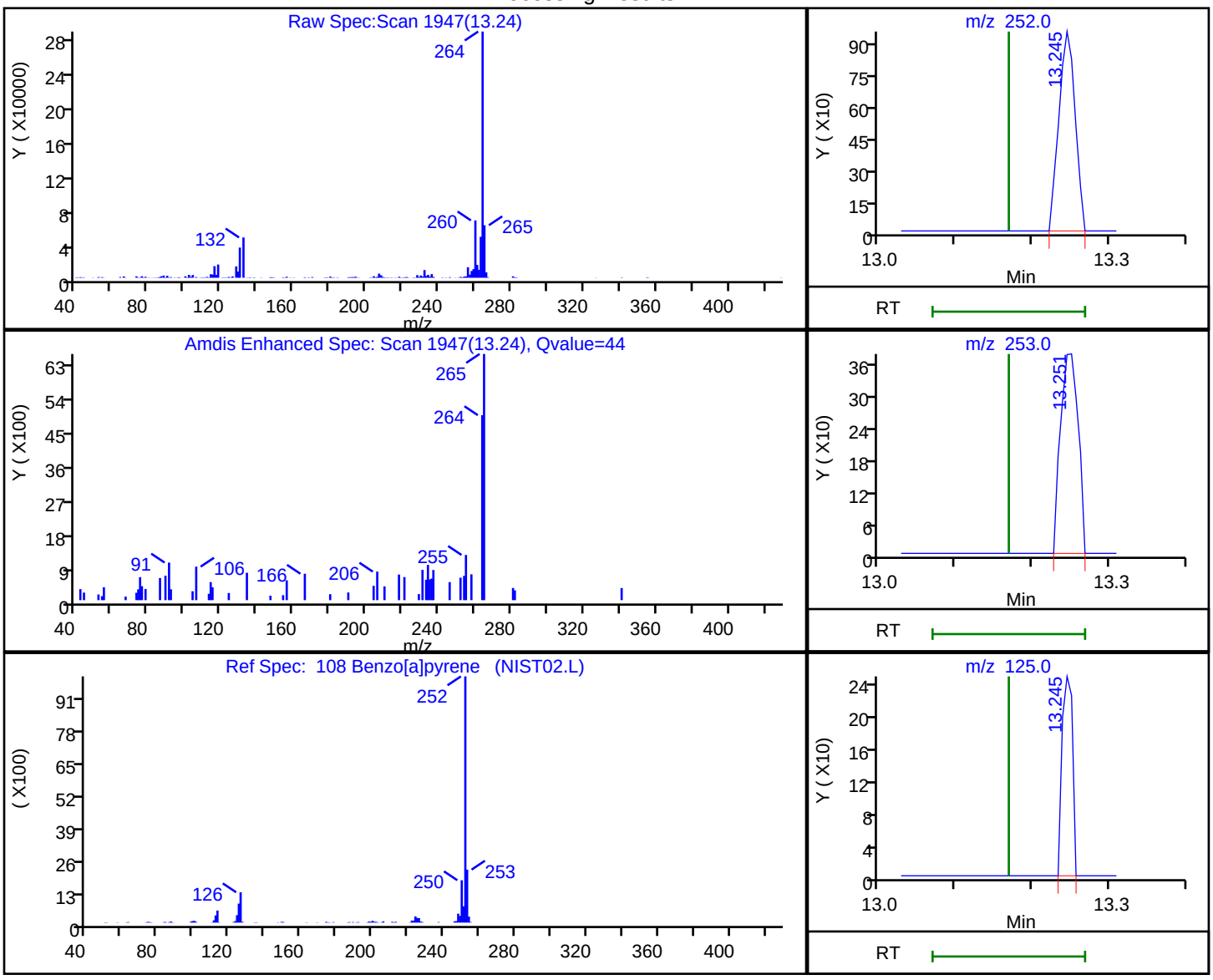
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927251.d				
Injection Date:	01-Sep-2020 19:35:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-721059/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.24	252.00	1421	0.023725
13.25	253.00	606	
13.24	125.00	238	

Reviewer: eisam, 01-Sep-2020 20:02:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-719969/2-A

Matrix: Solid Lab File ID: L33421.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 21:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.29		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	3.04		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	3.00		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.98		0.33	0.013
123-91-1	1,4-Dioxane	2.29		0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	3.25		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	3.80		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.83		0.067	0.024
91-58-7	2-Chloronaphthalene	3.44		0.33	0.015
91-57-6	2-Methylnaphthalene	3.16		0.33	0.0093
88-74-4	2-Nitroaniline	3.92		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	1.94		0.13	0.050
99-09-2	3-Nitroaniline	2.86		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	3.31		0.33	0.013
106-47-8	4-Chloroaniline	2.09		0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	3.41		0.33	0.012
100-01-6	4-Nitroaniline	3.02		0.33	0.038
83-32-9	Acenaphthene	3.03		0.33	0.024
208-96-8	Acenaphthylene	3.38		0.33	0.0034
120-12-7	Anthracene	3.25		0.33	0.010
56-55-3	Benzo[a]anthracene	3.08		0.033	0.012
50-32-8	Benzo[a]pyrene	3.66		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.79		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.75		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	3.42		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	3.02		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.92		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	3.38		0.33	0.017
85-68-7	Butyl benzyl phthalate	3.56		0.33	0.016
86-74-8	Carbazole	3.10		0.33	0.013
218-01-9	Chrysene	3.11		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	4.07		0.033	0.014
132-64-9	Dibenzofuran	3.34		0.33	0.0046
84-66-2	Diethyl phthalate	3.23		0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-719969/2-A

Matrix: Solid Lab File ID: L33421.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/27/2020 21:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	3.34		0.33	0.075
84-74-2	Di-n-butyl phthalate	3.13		0.33	0.058
117-84-0	Di-n-octyl phthalate	3.87		0.33	0.018
206-44-0	Fluoranthene	3.01		0.33	0.012
86-73-7	Fluorene	3.34		0.33	0.0045
118-74-1	Hexachlorobenzene	3.17		0.033	0.016
87-68-3	Hexachlorobutadiene	3.61		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.64		0.33	0.029
67-72-1	Hexachloroethane	3.27		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	4.14		0.033	0.013
78-59-1	Isophorone	3.20		0.13	0.096
91-20-3	Naphthalene	3.16		0.33	0.0057
98-95-3	Nitrobenzene	3.16		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	3.00		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	3.29		0.33	0.0063
85-01-8	Phenanthrene	3.25		0.33	0.0058
129-00-0	Pyrene	3.34		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	97		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	98		19-105
1718-51-0	Terphenyl-d14 (Surr)	109		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33421.d
Lims ID: LCS 460-719969/2-A
Client ID:
Sample Type: LCS
Inject. Date: 27-Aug-2020 21:36:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-007
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 12:20:23 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 12:20:29

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.722	1.704	0.018	86	41405	50.0	34.4	
	2 N-Nitrosodimethylamine	74	1.957	1.940	0.017	70	85075	50.0	42.7	
	3 Pyridine	79	1.981	1.969	0.012	71	254751	100.0	77.0	
$	4 2-Fluorophenol	112	3.122	3.116	0.006	88	147531	50.0	45.8	
	5 Benzaldehyde	77	3.940	3.940	0.000	90	67239	20.0	24.0	E
$	6 Phenol-d5	99	4.028	4.028	0.000	0	184126	50.0	44.9	
	8 Aniline	93	4.040	4.040	0.000	91	210204	50.0	39.6	
	7 Phenol	94	4.040	4.040	0.000	92	201626	50.0	46.6	
	9 Bis(2-chloroethyl)ether	93	4.098	4.098	0.000	89	140674	50.0	43.8	
	10 2-Chlorophenol	128	4.163	4.163	0.000	91	156776	50.0	47.1	
	11 n-Decane	43	4.204	4.204	0.000	92	227667	50.0	47.2	
	12 1,3-Dichlorobenzene	146	4.304	4.304	0.000	94	166077	50.0	45.0	
*	13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	96	96866	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.369	4.369	0.000	94	166138	50.0	44.7	
	15 Benzyl alcohol	108	4.492	4.492	0.000	89	95407	50.0	45.0	
	16 1,2-Dichlorobenzene	146	4.516	4.516	0.000	95	160086	50.0	45.5	
	17 2-Methylphenol	108	4.616	4.616	0.000	83	135113	50.0	46.2	
	18 2,2'-oxybis[1-chloropropane]	45	4.616	4.616	0.000	91	314064	50.0	48.8	
	130 N-Methylaniline	106	4.734	4.734	0.000	91	225494	50.0	43.9	
	22 Acetophenone	105	4.745	4.745	0.000	88	200346	50.0	44.1	
	21 N-Nitrosodi-n-propylamine	70	4.745	4.745	0.000	94	112569	50.0	45.0	
	20 3 & 4 Methylphenol	108	4.763	4.763	0.000	85	146154	50.0	43.4	
	19 4-Methylphenol	108	4.763	4.763	0.000	93	146154	50.0	43.4	
	25 Hexachloroethane	117	4.840	4.839	0.001	94	64902	50.0	49.0	
$	26 Nitrobenzene-d5	82	4.887	4.887	0.000	96	159613	50.0	49.0	
	27 Nitrobenzene	123	4.904	4.910	-0.006	84	71229	50.0	47.4	
	28 n,n'-Dimethylaniline	120	4.904	4.910	-0.006	80	206706	50.0	42.3	
	29 Isophorone	82	5.134	5.134	0.000	97	279086	50.0	48.1	
	30 2-Nitrophenol	139	5.210	5.210	0.000	82	79781	50.0	55.1	
	31 2,4-Dimethylphenol	122	5.263	5.269	-0.006	88	125019	50.0	47.9	
	32 Bis(2-chloroethoxy)methane	93	5.339	5.339	0.000	91	164068	50.0	45.3	
	33 Benzoic acid	122	5.381	5.392	-0.011	93	32271	50.0	21.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.451	5.451	0.000	93	124004	50.0	50.5	
35 1,2,4-Trichlorobenzene	180	5.522	5.522	0.000	95	135308	50.0	49.4	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	338086	40.0	40.0	
37 Naphthalene	128	5.587	5.592	-0.005	98	407710	50.0	47.4	
38 4-Chloroaniline	127	5.651	5.651	0.000	95	116739	50.0	31.3	
131 2,6-Dichlorophenol	162	5.657	5.663	-0.006	94	121470	NC	NC	
39 Hexachlorobutadiene	225	5.716	5.716	0.000	95	81642	50.0	54.1	
40 Caprolactam	113	5.981	5.981	-0.005	83	20169	20.0	27.0	M
41 4-Chloro-3-methylphenol	107	6.134	6.134	0.000	97	125877	50.0	49.2	
42 2-Methylnaphthalene	142	6.251	6.251	0.000	84	283448	50.0	47.3	
43 1-Methylnaphthalene	142	6.345	6.345	0.000	92	256068	50.0	45.9	
44 Hexachlorocyclopentadiene	237	6.404	6.410	-0.006	97	65681	50.0	39.6	
45 1,2,4,5-Tetrachlorobenzene	216	6.416	6.416	0.000	97	134428	50.0	53.8	
46 2-tertbutyl-4-methylphenol	149	6.457	6.457	0.000	89	177739	50.0	48.0	
48 2,4,6-Trichlorophenol	196	6.534	6.533	0.001	89	86272	50.0	52.6	
49 2,4,5-Trichlorophenol	196	6.575	6.575	0.000	97	94681	50.0	51.4	
$ 50 2-Fluorobiphenyl	172	6.598	6.604	-0.006	97	297022	50.0	48.5	
51 1,1'-Biphenyl	154	6.692	6.698	-0.006	96	340015	50.0	51.3	
52 2-Chloronaphthalene	162	6.710	6.716	-0.006	99	258527	50.0	51.7	
53 Phenyl ether	170	6.792	6.792	0.000	87	177425	50.0	51.6	
54 2-Nitroaniline	65	6.816	6.822	-0.006	95	113583	50.0	58.9	
55 1,3-Dimethylnaphthalene	156	6.922	6.922	0.000	91	203831	50.0	51.8	
58 Dimethyl phthalate	163	6.992	6.992	0.000	98	290077	50.0	50.1	
59 Coumarin	146	7.010	7.016	-0.006	80	94404	50.0	44.1	a
60 2,6-Dinitrotoluene	165	7.045	7.051	-0.006	91	66448	50.0	57.5	
61 Acenaphthylene	152	7.104	7.104	0.000	97	413075	50.0	50.8	
62 3-Nitroaniline	138	7.210	7.210	0.000	90	61163	50.0	42.9	
* 63 Acenaphthene-d10	164	7.239	7.239	0.000	95	158805	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.263	7.263	0.000	99	212671	50.0	50.3	
65 Acenaphthene	154	7.269	7.269	0.000	96	238271	50.0	45.5	
66 2,4-Dinitrophenol	184	7.316	7.322	-0.006	89	71393	100.0	112.3	
67 4-Nitrophenol	65	7.404	7.404	0.000	92	115607	100.0	98.9	
69 Dibenzofuran	168	7.433	7.433	0.000	96	368956	50.0	50.1	
68 2,4-Dinitrotoluene	165	7.433	7.439	-0.006	64	86174	50.0	57.0	
70 2,3,4,6-Tetrachlorophenol	232	7.563	7.563	0.000	92	64009	50.0	45.2	
71 Diethyl phthalate	149	7.657	7.663	-0.006	97	300672	50.0	48.4	
73 4-Chlorophenyl phenyl ether	204	7.757	7.757	0.000	76	135914	50.0	51.1	
74 Fluorene	166	7.757	7.757	0.000	95	294982	50.0	50.1	
75 4-Nitroaniline	138	7.792	7.798	-0.006	94	66262	50.0	45.4	
76 4,6-Dinitro-2-methylphenol	198	7.828	7.833	-0.005	75	87689	100.0	117.5	
77 N-Nitrosodiphenylamine	169	7.875	7.875	0.000	99	206306	50.0	49.4	
78 1,2-Diphenylhydrazine	77	7.904	7.910	-0.006	99	294258	50.0	51.4	
$ 79 2,4,6-Tribromophenol	330	7.986	7.992	-0.006	94	42935	50.0	51.4	
80 4-Bromophenyl phenyl ether	248	8.216	8.222	-0.006	86	80781	50.0	49.6	
81 Hexachlorobenzene	284	8.286	8.286	0.000	98	85773	50.0	47.5	
82 Atrazine	200	8.386	8.386	0.000	87	41844	20.0	28.3	
83 Pentachlorophenol	266	8.480	8.480	0.000	92	75049	100.0	75.8	
84 Pentachloronitrobenzene	237	8.486	8.492	-0.006	86	37976	50.0	53.7	
72 n-Octadecane	57	8.551	8.557	-0.006	89	279471	50.0	52.5	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	289060	40.0	40.0	
86 Phenanthrene	178	8.663	8.669	-0.006	98	404971	50.0	48.7	
87 Anthracene	178	8.710	8.716	-0.006	98	419445	50.0	48.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Carbazole	167	8.869	8.875	-0.006	96	379107	50.0	46.5	
89 Di-n-butyl phthalate	149	9.204	9.204	0.000	99	484280	50.0	46.9	
90 Fluoranthene	202	9.786	9.792	-0.006	98	429706	50.0	45.1	
91 Benzidine	184	9.916	9.922	-0.006	99	200173	50.0	36.6	a
92 Pyrene	202	9.998	10.004	-0.006	98	438564	50.0	50.1	
93 Bisphenol-A	213	10.063	10.063	0.000	98	88731	25.0	27.4	
$ 94 Terphenyl-d14	244	10.151	10.157	-0.006	98	310508	50.0	54.4	
95 Butyl benzyl phthalate	149	10.651	10.651	0.000	96	196706	50.0	53.4	
97 Carbamazepine	193	10.757	10.769	-0.011	92	161943	50.0	51.0	
98 3,3'-Dichlorobenzidine	252	11.233	11.239	-0.006	99	82997	50.0	29.1	
99 Benzo[a]anthracene	228	11.251	11.257	-0.006	99	362399	50.0	46.2	
* 100 Chrysene-d12	240	11.263	11.274	-0.011	99	220549	40.0	40.0	
101 Chrysene	228	11.298	11.304	-0.006	99	348303	50.0	46.7	
102 Bis(2-ethylhexyl) phthalate	149	11.310	11.310	0.000	89	277559	50.0	50.7	
103 Di-n-octyl phthalate	149	12.139	12.145	-0.006	97	483597	50.0	58.1	
104 Benzo[b]fluoranthene	252	12.633	12.639	-0.006	99	379085	50.0	56.9	
105 Benzo[k]fluoranthene	252	12.668	12.674	-0.006	99	364632	50.0	51.3	
106 Benzo[a]pyrene	252	13.080	13.092	-0.012	97	325522	50.0	54.9	
* 107 Perylene-d12	264	13.163	13.168	-0.006	98	227916	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.739	14.751	-0.012	99	386481	50.0	62.0	M
109 Dibenz(a,h)anthracene	278	14.768	14.786	-0.018	94	373707	50.0	61.1	
110 Benzo[g,h,i]perylene	276	15.174	15.178	-0.018	97	386235	50.0	56.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 28-Aug-2020 12:20:30 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33421.d

Injection Date: 27-Aug-2020 21:36:30 Instrument ID: CBNAMS12 Operator ID:

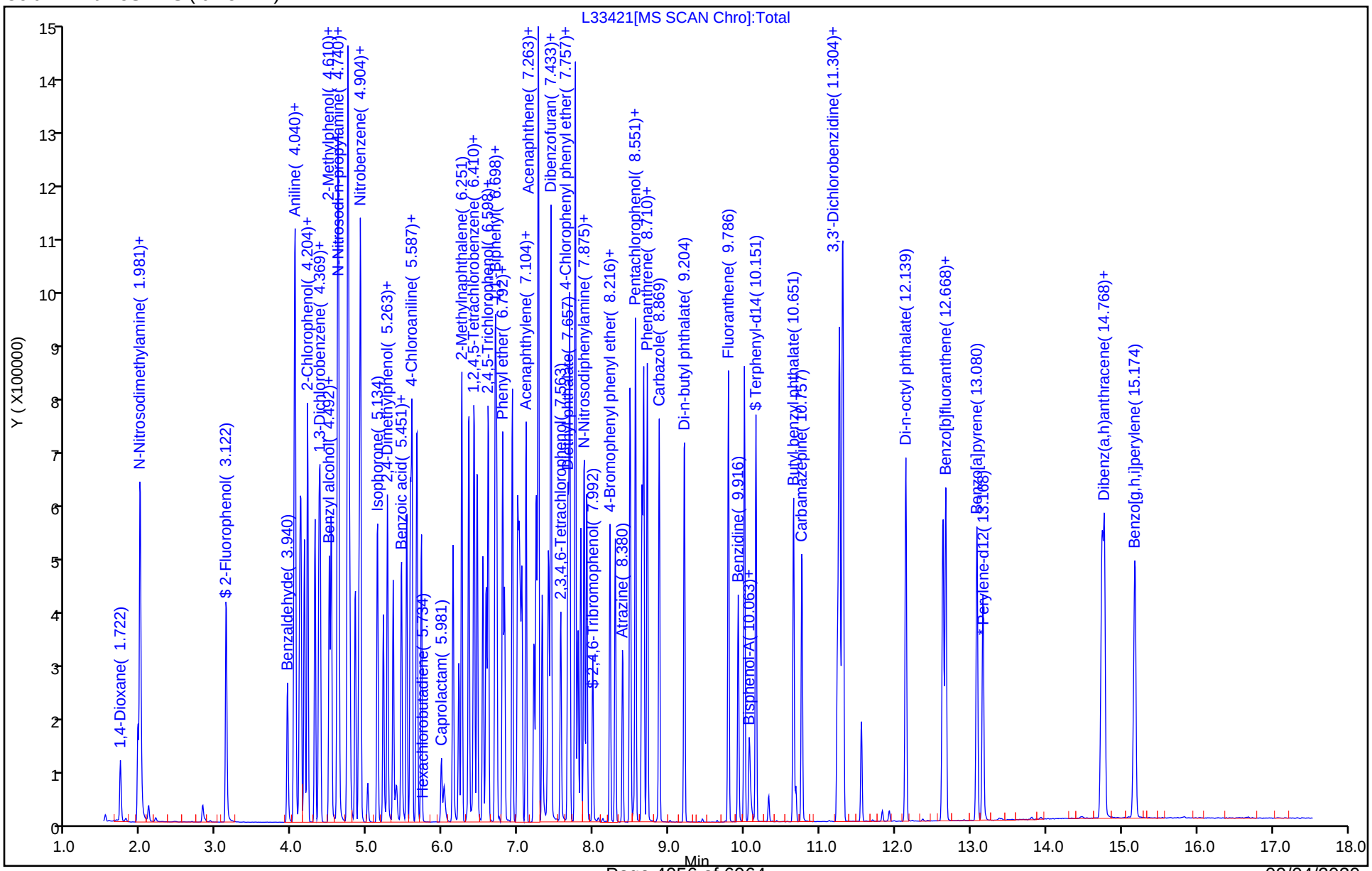
Lims ID: LCS 460-719969/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

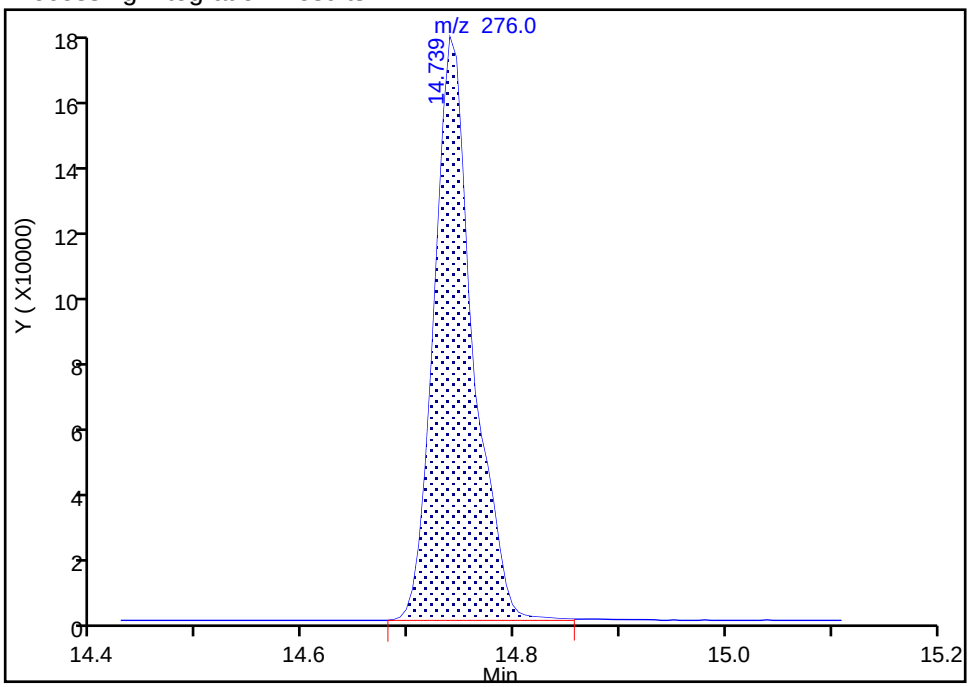
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33421.d				
Injection Date:	27-Aug-2020 21:36:30	Instrument ID:	CBNAMS12		
Lims ID:	LCS 460-719969/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

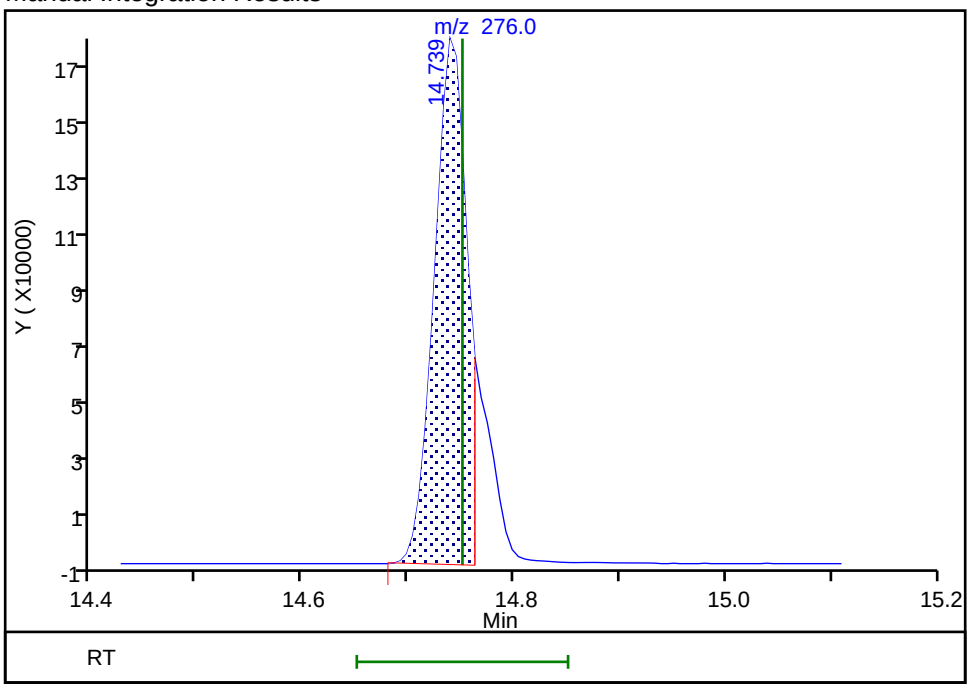
Processing Integration Results

RT: 14.74
Area: 452223
Amount: 72.583867
Amount Units: ug/ml



Manual Integration Results

RT: 14.74
Area: 386481
Amount: 62.031974
Amount Units: ug/ml



Reviewer: eisam, 27-Aug-2020 21:56:47

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720271/2-A

Matrix: Solid Lab File ID: f4516032.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.81		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.64		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.65		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.59		0.33	0.013
123-91-1	1,4-Dioxane	2.00		0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	2.60		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	3.23		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.39		0.067	0.024
91-58-7	2-Chloronaphthalene	2.75		0.33	0.015
91-57-6	2-Methylnaphthalene	2.81		0.33	0.0093
88-74-4	2-Nitroaniline	3.03		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	2.69		0.13	0.050
99-09-2	3-Nitroaniline	3.00		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.94		0.33	0.013
106-47-8	4-Chloroaniline	2.64		0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	3.02		0.33	0.012
100-01-6	4-Nitroaniline	2.93		0.33	0.038
83-32-9	Acenaphthene	2.77		0.33	0.024
208-96-8	Acenaphthylene	2.83		0.33	0.0034
120-12-7	Anthracene	2.81		0.33	0.010
56-55-3	Benzo[a]anthracene	2.75		0.033	0.012
50-32-8	Benzo[a]pyrene	3.26		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.25		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.01		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	3.21		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.72		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.63		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.66		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.80		0.33	0.016
86-74-8	Carbazole	2.73		0.33	0.013
218-01-9	Chrysene	2.76		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	3.36		0.033	0.014
132-64-9	Dibenzofuran	2.89		0.33	0.0046
84-66-2	Diethyl phthalate	2.85		0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720271/2-A

Matrix: Solid Lab File ID: f4516032.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.86		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.74		0.33	0.058
117-84-0	Di-n-octyl phthalate	3.09		0.33	0.018
206-44-0	Fluoranthene	2.89		0.33	0.012
86-73-7	Fluorene	2.85		0.33	0.0045
118-74-1	Hexachlorobenzene	2.72		0.033	0.016
87-68-3	Hexachlorobutadiene	2.99		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	3.14		0.33	0.029
67-72-1	Hexachloroethane	2.61		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	3.24		0.033	0.013
78-59-1	Isophorone	2.82		0.13	0.096
91-20-3	Naphthalene	2.73		0.33	0.0057
98-95-3	Nitrobenzene	2.88		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.73		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.76		0.33	0.0063
85-01-8	Phenanthrene	2.75		0.33	0.0058
129-00-0	Pyrene	2.71		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	80		19-105
1718-51-0	Terphenyl-d14 (Surr)	90		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516032.D
Lims ID: LCS 460-720271/2-A
Client ID:
Sample Type: LCS
Inject. Date: 28-Aug-2020 20:22:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-004
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:29:56 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 28-Aug-2020 20:41:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.624	1.633	-0.009	92	39480	50.0	30.0	
2 N-Nitrosodimethylamine	74	1.745	1.754	-0.009	78	79962	50.0	39.9	
3 Pyridine	79	1.766	1.774	-0.008	77	238109	100.0	67.1	
$ 5 2-Fluorophenol	112	2.423	2.432	-0.009	88	120756	50.0	39.4	
7 Benzaldehyde	77	3.010	3.022	-0.012	92	57918	20.0	19.5	E
$ 8 Phenol-d5	99	3.051	3.063	-0.012	98	158755	50.0	39.7	
9 Phenol	94	3.063	3.072	-0.009	97	170077	50.0	41.2	
10 Aniline	93	3.084	3.099	-0.015	15	191136	50.0	37.7	a
11 Bis(2-chloroethyl)ether	93	3.134	3.149	-0.015	89	133269	50.0	39.5	
12 2-Chlorophenol	128	3.172	3.184	-0.012	83	124881	50.0	42.4	
13 n-Decane	43	3.210	3.226	-0.016	94	189142	50.0	34.5	
14 1,3-Dichlorobenzene	146	3.284	3.299	-0.015	90	123876	50.0	39.7	
* 15 1,4-Dichlorobenzene-d4	152	3.329	3.341	-0.012	97	79321	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.340	3.355	-0.015	81	123409	50.0	38.9	
17 Benzyl alcohol	108	3.432	3.444	-0.012	88	84889	50.0	40.6	
18 1,2-Dichlorobenzene	146	3.452	3.465	-0.013	87	119296	50.0	39.6	
19 2-Methylphenol	108	3.517	3.529	-0.012	83	119129	50.0	42.3	
20 2,2'-oxybis[1-chloropropane]	45	3.541	3.553	-0.012	92	275632	50.0	39.0	
130 N-Methylaniline	106	3.629	3.642	-0.013	0	200505	50.0	39.7	
21 Acetophenone	105	3.638	3.650	-0.012	81	182639	50.0	38.9	
22 4-Methylphenol	108	3.638	3.653	-0.015	65	136624	50.0	42.1	
23 3 & 4 Methylphenol	108	3.638	3.653	-0.015	77	136624	50.0	42.1	
24 N-Nitrosodi-n-propylamine	70	3.641	3.653	-0.012	89	96668	50.0	40.9	
25 Hexachloroethane	117	3.712	3.721	-0.009	94	53000	50.0	39.1	
$ 26 Nitrobenzene-d5	82	3.750	3.762	-0.012	94	149392	50.0	40.1	
27 Nitrobenzene	123	3.765	3.777	-0.012	85	59554	50.0	43.2	
28 n,n'-Dimethylaniline	120	3.768	3.780	-0.012	76	173915	50.0	38.2	
29 Isophorone	82	3.954	3.966	-0.012	98	284856	50.0	42.3	
30 2-Nitrophenol	139	4.010	4.019	-0.009	77	62892	50.0	48.4	
31 2,4-Dimethylphenol	122	4.051	4.063	-0.012	87	110178	50.0	42.0	
32 Bis(2-chloroethoxy)methane	93	4.131	4.140	-0.009	95	168973	50.0	40.7	
33 Benzoic acid	122	4.148	4.161	-0.013	88	82149	50.0	50.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.195	4.208	-0.013	90	99185	50.0	44.8	
35 1,2,4-Trichlorobenzene	180	4.260	4.273	-0.013	93	103742	50.0	42.2	
* 36 Naphthalene-d8	136	4.305	4.314	-0.009	99	314258	40.0	40.0	
37 Naphthalene	128	4.319	4.332	-0.013	97	343447	50.0	40.9	
38 4-Chloroaniline	127	4.369	4.379	-0.010	86	141017	50.0	39.6	
39 Hexachlorobutadiene	225	4.423	4.432	-0.009	93	58012	50.0	44.9	
40 Caprolactam	113	4.647	4.656	-0.009	85	21299	20.0	26.0	E
41 4-Chloro-3-methylphenol	107	4.756	4.765	-0.009	90	121979	50.0	44.5	
42 2-Methylnaphthalene	142	4.859	4.869	-0.010	80	234322	50.0	42.2	
43 1-Methylnaphthalene	142	4.933	4.942	-0.009	89	217898	50.0	41.8	
44 Hexachlorocyclopentadiene	237	4.983	4.993	-0.010	88	71503	50.0	47.1	
45 1,2,4,5-Tetrachlorobenzene	216	4.989	4.998	-0.009	95	105090	50.0	43.5	
46 2-tertbutyl-4-methylphenol	149	5.030	5.040	-0.010	85	148931	50.0	44.4	
47 2,4,6-Trichlorophenol	196	5.080	5.090	-0.010	86	75465	50.0	45.8	
48 2,4,5-Trichlorophenol	196	5.107	5.116	-0.009	91	83350	50.0	46.3	
$ 50 2-Fluorobiphenyl	172	5.148	5.158	-0.010	97	243949	50.0	39.6	
51 1,1'-Biphenyl	154	5.225	5.232	-0.007	97	283992	50.0	41.9	
52 2-Chloronaphthalene	162	5.234	5.243	-0.009	94	217292	50.0	41.3	
53 Phenyl ether	170	5.307	5.317	-0.010	91	147971	50.0	42.0	
54 2-Nitroaniline	65	5.316	5.326	-0.010	90	114986	50.0	45.5	
55 1,3-Dimethylnaphthalene	156	5.405	5.411	-0.006	90	177042	50.0	43.4	
56 Dimethyl phthalate	163	5.473	5.482	-0.009	94	263061	50.0	43.0	
57 Coumarin	146	5.473	5.482	-0.009	67	88065	50.0	43.9	
58 2,6-Dinitrotoluene	165	5.511	5.521	-0.010	70	60305	50.0	50.9	
59 Acenaphthylene	152	5.549	5.556	-0.007	97	352609	50.0	42.4	
60 3-Nitroaniline	138	5.632	5.641	-0.009	88	66460	50.0	44.9	
* 61 Acenaphthene-d10	164	5.658	5.665	-0.007	86	165849	40.0	40.0	
62 Acenaphthene	154	5.682	5.692	-0.010	95	205891	50.0	41.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.691	5.701	-0.009	92	177538	50.0	42.3	
64 2,4-Dinitrophenol	184	5.714	5.724	-0.010	62	74197	100.0	130.5	
65 4-Nitrophenol	65	5.776	5.783	-0.007	96	143567	100.0	89.5	
67 2,4-Dinitrotoluene	165	5.815	5.821	-0.006	67	80425	50.0	48.4	
66 Dibenzofuran	168	5.815	5.824	-0.009	90	315614	50.0	43.3	
68 2,3,4,6-Tetrachlorophenol	232	5.909	5.919	-0.010	89	65140	50.0	48.7	
69 Diethyl phthalate	149	6.015	6.022	-0.007	96	281221	50.0	42.8	
70 Fluorene	166	6.074	6.084	-0.010	82	256770	50.0	42.8	
71 4-Chlorophenyl phenyl ether	204	6.083	6.090	-0.007	80	119750	50.0	45.4	
72 4-Nitroaniline	138	6.104	6.114	-0.010	58	67217	50.0	44.0	
73 4,6-Dinitro-2-methylphenol	198	6.124	6.134	-0.010	67	89036	100.0	117.2	
74 N-Nitrosodiphenylamine	169	6.175	6.184	-0.009	26	191586	50.0	41.4	
75 1,2-Diphenylhydrazine	77	6.204	6.211	-0.007	46	342831	50.0	39.0	
$ 76 2,4,6-Tribromophenol	330	6.257	6.264	-0.007	95	48124	50.0	49.0	
77 4-Bromophenyl phenyl ether	248	6.452	6.459	-0.007	81	74118	50.0	44.2	
78 Hexachlorobenzene	284	6.487	6.495	-0.008	90	84851	50.0	40.9	
79 Atrazine	200	6.591	6.598	-0.007	82	45088	20.0	26.8	
80 Pentachlorophenol	266	6.641	6.651	-0.010	87	113941	100.0	101.6	
81 Pentachloronitrobenzene	237	6.650	6.660	-0.010	81	36639	50.0	48.5	
82 n-Octadecane	57	6.732	6.743	-0.011	91	309819	50.0	39.8	
* 83 Phenanthrene-d10	188	6.783	6.790	-0.007	99	311254	40.0	40.0	
84 Phenanthrene	178	6.800	6.808	-0.008	99	383718	50.0	41.3	
85 Anthracene	178	6.839	6.846	-0.007	97	402467	50.0	42.1	
87 Carbazole	167	6.966	6.973	-0.007	83	364406	50.0	40.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Di-n-butyl phthalate	149	7.249	7.256	-0.007	99	488531	50.0	41.1	
89 Fluoranthene	202	7.694	7.702	-0.008	97	421047	50.0	43.4	
90 Benzidine	184	7.803	7.814	-0.011	99	215941	50.0	47.5	
91 Pyrene	202	7.862	7.870	-0.008	96	432142	50.0	40.6	
92 Bisphenol-A	213	7.921	7.926	-0.005	96	92642	25.0	22.5	
$ 93 Terphenyl-d14	244	7.992	8.003	-0.011	98	324099	50.0	44.8	
95 Butyl benzyl phthalate	149	8.388	8.395	-0.007	96	216909	50.0	42.0	
97 Carbamazepine	193	8.462	8.472	-0.010	91	184425	50.0	42.4	
99 3,3'-Dichlorobenzidine	252	8.819	8.829	-0.010	98	147069	50.0	40.4	
100 Benzo[a]anthracene	228	8.830	8.841	-0.011	100	400854	50.0	41.3	
* 98 Chrysene-d12	240	8.839	8.850	-0.011	98	281806	40.0	40.0	
101 Chrysene	228	8.863	8.874	-0.011	95	393711	50.0	41.3	
102 Bis(2-ethylhexyl) phthalate	149	8.895	8.906	-0.011	80	323532	50.0	39.9	
103 Di-n-octyl phthalate	149	9.533	9.544	-0.011	96	563432	50.0	46.4	
104 Benzo[b]fluoranthene	252	9.867	9.880	-0.013	97	416986	50.0	48.7	
105 Benzo[k]fluoranthene	252	9.899	9.910	-0.011	100	428321	50.0	48.1	
106 Benzo[a]pyrene	252	10.203	10.217	-0.014	96	362661	50.0	48.9	
* 107 Perylene-d12	264	10.262	10.276	-0.014	98	291654	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.390	11.406	-0.016	96	375197	50.0	48.7	M
109 Dibenz(a,h)anthracene	278	11.422	11.439	-0.017	95	396459	50.0	50.4	
110 Benzo[g,h,i]perylene	276	11.682	11.699	-0.017	96	396883	50.0	45.1	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 12:32:14 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516032.D

Injection Date: 28-Aug-2020 20:22:30 Instrument ID: CBNAMS15 Operator ID:

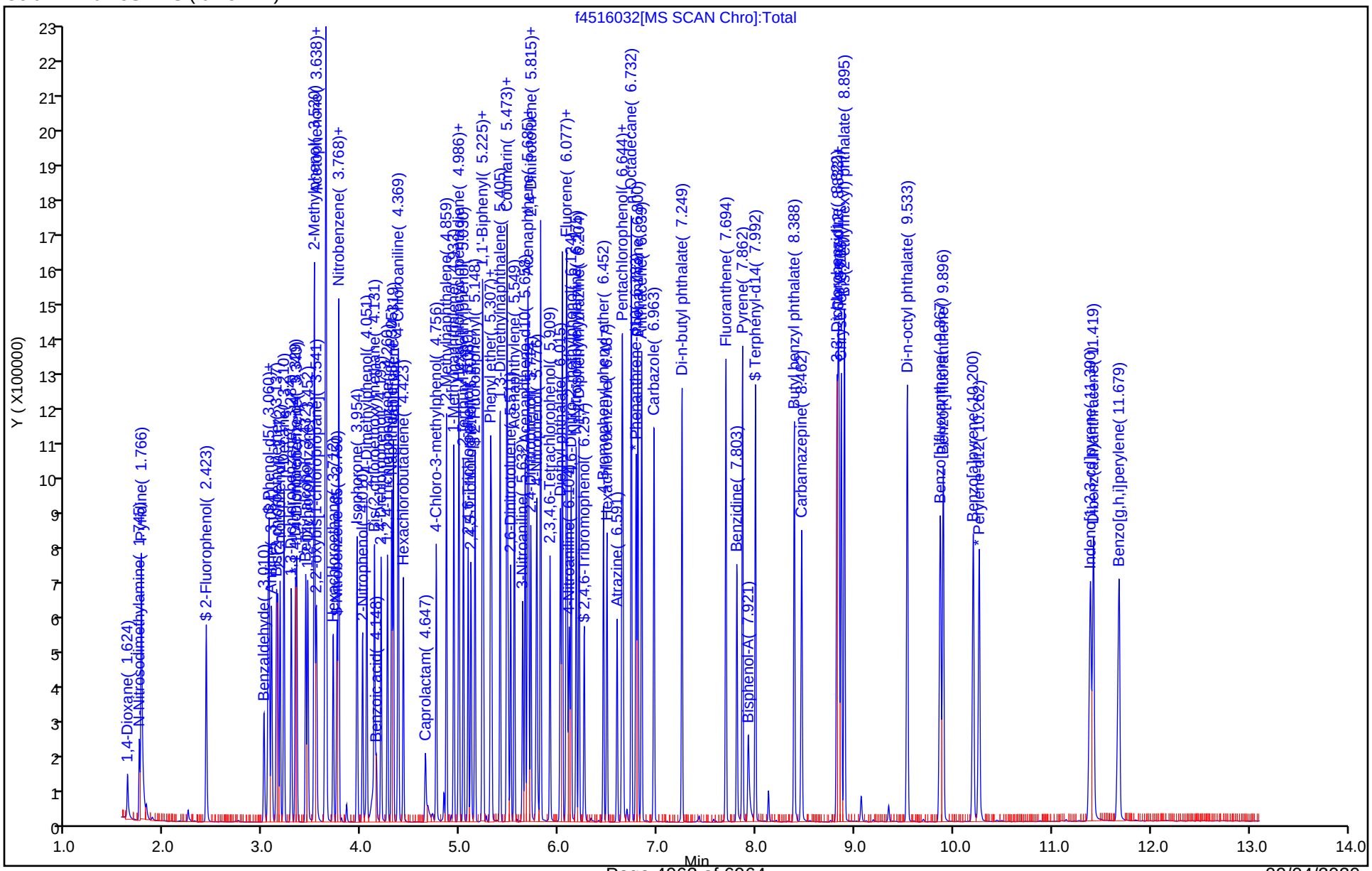
Lims ID: LCS 460-720271/2-A Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

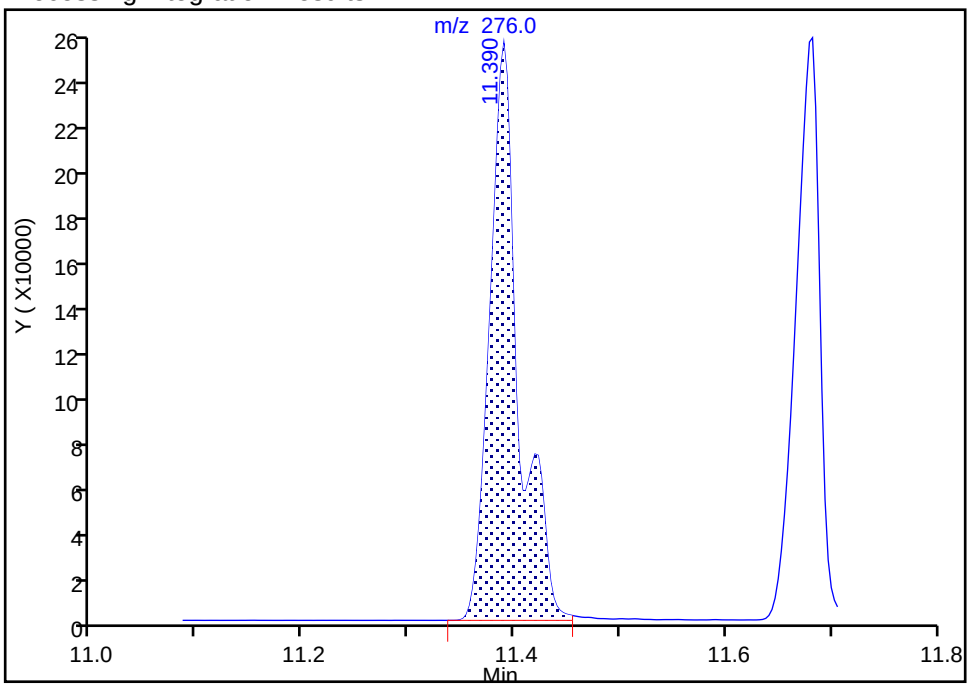
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516032.D				
Injection Date:	28-Aug-2020 20:22:30	Instrument ID:	CBNAMS15		
Lims ID:	LCS 460-720271/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

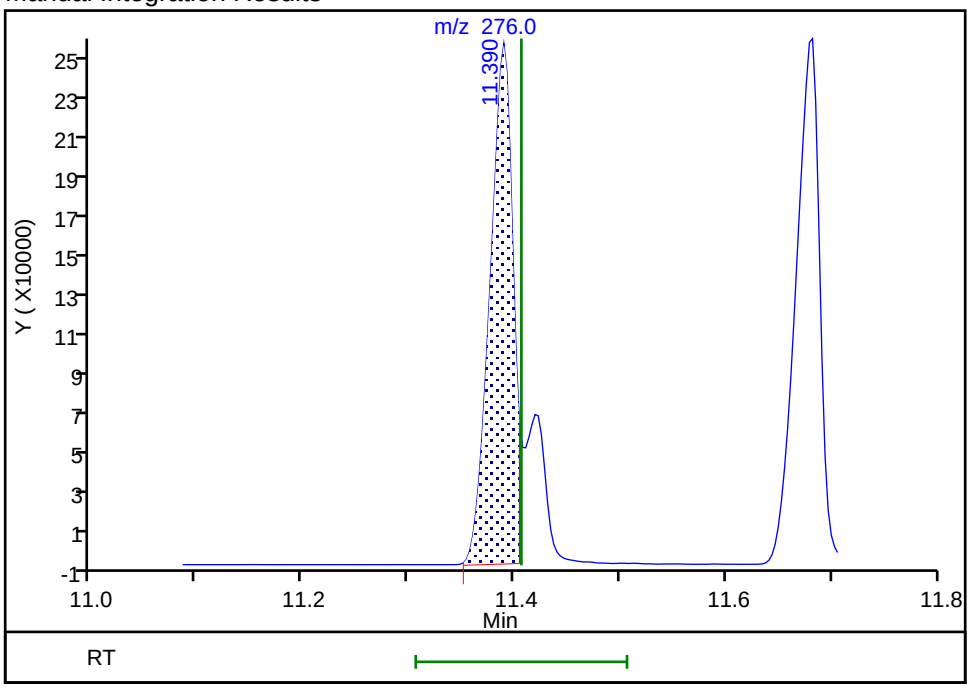
Processing Integration Results

RT: 11.39
Area: 476756
Amount: 61.821278
Amount Units: ug/ml



Manual Integration Results

RT: 11.39
Area: 375197
Amount: 48.652053
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 20:39:56

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720378/2-A

Matrix: Solid Lab File ID: Z57870.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 02:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.49		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.42		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.38		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.36		0.33	0.013
123-91-1	1,4-Dioxane	1.50		0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	2.36		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	2.68		0.067	0.036
606-20-2	2,6-Dinitrotoluene	2.67		0.067	0.024
91-58-7	2-Chloronaphthalene	2.51		0.33	0.015
91-57-6	2-Methylnaphthalene	2.56		0.33	0.0093
88-74-4	2-Nitroaniline	2.42		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	1.88		0.13	0.050
99-09-2	3-Nitroaniline	2.15		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.44		0.33	0.013
106-47-8	4-Chloroaniline	2.06		0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	2.58		0.33	0.012
100-01-6	4-Nitroaniline	2.35		0.33	0.038
83-32-9	Acenaphthene	2.22		0.33	0.024
208-96-8	Acenaphthylene	2.56		0.33	0.0034
120-12-7	Anthracene	2.41		0.33	0.010
56-55-3	Benzo[a]anthracene	2.36		0.033	0.012
50-32-8	Benzo[a]pyrene	2.80		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.97		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.44		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.77		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.44		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.64		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.40		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.44		0.33	0.016
86-74-8	Carbazole	2.43		0.33	0.013
218-01-9	Chrysene	2.40		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	2.61		0.033	0.014
132-64-9	Dibenzofuran	2.58		0.33	0.0046
84-66-2	Diethyl phthalate	2.51		0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720378/2-A

Matrix: Solid Lab File ID: Z57870.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 02:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.56		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.39		0.33	0.058
117-84-0	Di-n-octyl phthalate	2.84		0.33	0.018
206-44-0	Fluoranthene	2.35		0.33	0.012
86-73-7	Fluorene	2.56		0.33	0.0045
118-74-1	Hexachlorobenzene	2.43		0.033	0.016
87-68-3	Hexachlorobutadiene	2.51		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.02		0.33	0.029
67-72-1	Hexachloroethane	2.39		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	2.63		0.033	0.013
78-59-1	Isophorone	2.56		0.13	0.096
91-20-3	Naphthalene	2.45		0.33	0.0057
98-95-3	Nitrobenzene	2.57		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.47		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.44		0.33	0.0063
85-01-8	Phenanthrene	2.38		0.33	0.0058
129-00-0	Pyrene	2.49		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	77		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	76		19-105
1718-51-0	Terphenyl-d14 (Surr)	89		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57870.d
Lims ID: LCS 460-720378/2-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Aug-2020 02:24:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-006
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:19:46 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: khlungprakhons Date: 31-Aug-2020 11:21:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.678	1.625	0.053	93	181487	50.0	22.5	
2 N-Nitrosodimethylamine	74	1.884	1.837	0.047	81	446721	50.0	35.6	
3 Pyridine	79	1.907	1.861	0.047	78	1146473	100.0	53.8	
$ 4 2-Fluorophenol	112	2.943	2.919	0.024	90	800511	50.0	40.0	
5 Benzaldehyde	77	3.737	3.737	0.000	93	337934	20.0	18.9	E
$ 6 Phenol-d5	99	3.831	3.831	0.000	97	1055235	50.0	40.4	
8 Aniline	93	3.848	3.849	-0.001	86	1178992	50.0	35.2	
7 Phenol	94	3.848	3.849	-0.001	87	1121628	50.0	39.4	
9 Bis(2-chloroethyl)ether	93	3.907	3.907	0.000	94	827739	50.0	39.5	
11 2-Chlorophenol	128	3.972	3.966	0.006	92	836218	50.0	39.1	
12 n-Decane	43	4.007	4.007	0.000	92	920571	50.0	28.5	
13 1,3-Dichlorobenzene	146	4.107	4.107	0.000	95	861455	50.0	35.7	
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	97	607961	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.178	4.178	0.000	93	871144	50.0	35.4	
16 Benzyl alcohol	108	4.307	4.307	0.000	90	534200	50.0	39.6	
17 1,2-Dichlorobenzene	146	4.325	4.325	0.000	95	840756	50.0	36.2	
18 2-Methylphenol	108	4.431	4.425	0.006	79	760024	50.0	40.6	
19 2,2'-oxybis[1-chloropropane]	45	4.425	4.431	-0.006	92	1436774	50.0	35.3	
20 N-Methylaniline	106	4.548	4.549	-0.001	96	1277476	50.0	38.2	
22 Acetophenone	105	4.560	4.566	-0.006	90	1183579	50.0	37.4	
21 N-Nitrosodi-n-propylamine	70	4.566	4.566	0.000	92	619062	50.0	37.1	
24 4-Methylphenol	108	4.584	4.584	0.000	91	808593	50.0	36.9	
23 3 & 4 Methylphenol	108	4.584	4.584	0.000	74	808593	50.0	36.9	
25 Hexachloroethane	117	4.648	4.649	-0.001	91	319553	50.0	35.8	
$ 26 Nitrobenzene-d5	82	4.707	4.707	0.000	92	966105	50.0	38.0	
27 Nitrobenzene	123	4.725	4.731	-0.006	96	396665	50.0	38.5	
28 n,n'-Dimethylaniline	120	4.725	4.731	-0.006	96	1175274	50.0	37.0	
31 Isophorone	82	4.960	4.960	0.000	99	1653786	50.0	38.4	
32 2-Nitrophenol	139	5.031	5.031	0.000	84	434129	50.0	37.4	
33 2,4-Dimethylphenol	122	5.095	5.096	-0.001	88	719456	50.0	38.4	
34 Bis(2-chloroethoxy)methane	93	5.166	5.172	-0.006	96	996466	50.0	36.7	
35 Benzoic acid	122	5.254	5.249	0.005	91	356120	50.0	29.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.278	5.278	0.000	94	736045	50.0	39.3	
37 1,2,4-Trichlorobenzene	180	5.348	5.349	-0.001	94	784515	50.0	37.4	
* 38 Naphthalene-d8	136	5.395	5.401	-0.006	100	2367464	40.0	40.0	
39 Naphthalene	128	5.419	5.419	0.000	99	2340283	50.0	36.8	
40 4-Chloroaniline	127	5.484	5.484	0.000	95	814845	50.0	30.9	
133 2,6-Dichlorophenol	162	5.490	5.490	0.000	96	730915	NC	NC	
41 Hexachlorobutadiene	225	5.542	5.549	-0.006	97	517082	50.0	37.7	
42 Caprolactam	113	5.848	5.919	-0.071	85	109058	20.0	20.3	EM
43 4-Chloro-3-methylphenol	107	5.978	5.972	0.006	97	720743	50.0	38.5	
44 2-Methylnaphthalene	142	6.089	6.090	-0.001	84	1588620	50.0	38.4	
45 1-Methylnaphthalene	142	6.184	6.184	0.000	92	1444562	50.0	37.2	
46 Hexachlorocyclopentadiene	237	6.248	6.248	0.000	97	541430	50.0	30.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.260	6.260	0.000	98	867525	50.0	36.8	
48 2-tertbutyl-4-methylphenol	149	6.301	6.301	0.000	91	1127102	50.0	40.1	
49 2,4,6-Trichlorophenol	196	6.378	6.372	0.006	92	584654	50.0	37.3	
50 2,4,5-Trichlorophenol	196	6.419	6.419	0.000	98	644069	50.0	37.7	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	98	1932672	50.0	38.6	
52 1,1'-Biphenyl	154	6.542	6.543	-0.001	96	2009496	50.0	36.9	
53 2-Chloronaphthalene	162	6.560	6.560	0.000	99	1612396	50.0	37.7	
54 Phenyl ether	170	6.642	6.643	-0.001	87	1095554	50.0	38.4	
55 2-Nitroaniline	65	6.672	6.666	0.006	95	659136	50.0	36.3	
57 1,3-Dimethylnaphthalene	156	6.772	6.772	0.000	92	1276752	50.0	40.3	
58 Dimethyl phthalate	163	6.854	6.854	0.000	98	1907058	50.0	38.4	
59 Coumarin	146	6.866	6.866	0.000	80	609012	50.0	40.8	
60 2,6-Dinitrotoluene	165	6.907	6.907	0.000	94	428929	50.0	40.1	
63 Acenaphthylene	152	6.954	6.954	0.000	97	2466462	50.0	38.4	
64 3-Nitroaniline	65	7.066	7.066	0.000	91	583040	50.0	32.3	
* 65 Acenaphthene-d10	164	7.095	7.090	0.005	96	1336386	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.119	7.119	0.000	97	1695896	50.0	38.2	
67 Acenaphthene	154	7.125	7.125	0.000	96	1449915	50.0	33.3	
68 2,4-Dinitrophenol	184	7.178	7.172	0.006	93	389754	100.0	57.4	
69 4-Nitrophenol	65	7.266	7.260	0.006	95	782188	100.0	72.4	
71 Dibenzofuran	168	7.289	7.290	-0.001	99	2308844	50.0	38.7	
70 2,4-Dinitrotoluene	165	7.295	7.295	0.000	93	573642	50.0	40.3	
72 2,3,4,6-Tetrachlorophenol	232	7.419	7.419	0.000	96	507568	50.0	35.7	
73 Diethyl phthalate	149	7.525	7.525	0.000	98	1886601	50.0	37.6	
74 Fluorene	166	7.619	7.613	0.006	93	1888080	50.0	38.4	
75 4-Chlorophenyl phenyl ether	204	7.619	7.613	0.006	78	942799	50.0	38.7	
76 4-Nitroaniline	138	7.666	7.666	0.000	94	397223	50.0	35.3	
77 4,6-Dinitro-2-methylphenol	198	7.695	7.695	0.000	86	557681	100.0	62.1	
78 N-Nitrosodiphenylamine	169	7.742	7.737	0.005	90	1314566	50.0	36.5	
79 1,2-Diphenylhydrazine	77	7.772	7.772	0.000	97	1912029	50.0	35.9	
$ 80 2,4,6-Tribromophenol	330	7.854	7.848	0.006	94	344805	50.0	40.7	
81 4-Bromophenyl phenyl ether	248	8.083	8.084	-0.001	92	595183	50.0	36.7	
82 Hexachlorobenzene	284	8.154	8.148	0.006	95	646081	50.0	36.4	
83 Atrazine	200	8.260	8.254	0.006	91	291005	20.0	20.3	
84 Pentachlorophenol	266	8.348	8.348	0.000	94	703376	100.0	62.0	
85 Pentachloronitrobenzene	237	8.360	8.354	0.006	90	293689	50.0	36.3	
86 n-Octadecane	57	8.425	8.425	0.000	89	1678562	50.0	35.3	
* 87 Phenanthrene-d10	188	8.513	8.507	0.006	98	2517405	40.0	40.0	
88 Phenanthrene	178	8.536	8.531	0.005	97	2723111	50.0	35.7	
89 Anthracene	178	8.583	8.584	-0.001	99	2866397	50.0	36.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Carbazole	167	8.742	8.742	0.000	96	2388905	50.0	36.4	
91 Di-n-butyl phthalate	149	9.083	9.078	0.005	100	3099834	50.0	35.8	
92 Fluoranthene	202	9.672	9.666	0.006	98	2869060	50.0	35.2	
93 Benzidine	184	9.807	9.801	0.006	99	1281535	50.0	33.0	
94 Pyrene	202	9.889	9.884	0.005	98	2888477	50.0	37.4	
95 Bisphenol-A	213	9.948	9.948	0.000	98	650514	25.0	18.0	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2550972	50.0	44.7	
97 Butyl benzyl phthalate	149	10.530	10.531	-0.001	98	1191308	50.0	36.7	
99 Carbamazepine	193	10.642	10.642	0.000	93	908865	50.0	29.9	
100 3,3'-Dichlorobenzidine	252	11.107	11.107	0.000	99	756468	50.0	28.1	
101 Benzo[a]anthracene	228	11.124	11.125	-0.001	97	2629940	50.0	35.4	
* 102 Chrysene-d12	240	11.142	11.136	0.006	99	2079809	40.0	40.0	
103 Chrysene	228	11.171	11.166	0.005	99	2580005	50.0	36.0	
104 Bis(2-ethylhexyl) phthalate	149	11.177	11.172	0.005	90	1714874	50.0	36.0	
105 Di-n-octyl phthalate	149	11.983	11.983	0.000	97	2755187	50.0	42.5	
106 Benzo[b]fluoranthene	252	12.466	12.466	0.000	98	2529783	50.0	44.6	
107 Benzo[k]fluoranthene	252	12.507	12.507	0.000	98	2337429	50.0	41.6	
108 Benzo[a]pyrene	252	12.907	12.907	0.000	98	1997412	50.0	42.0	
* 109 Perylene-d12	264	12.989	12.983	0.006	99	1796400	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.512	14.513	-0.001	98	1960593	50.0	39.4	M
111 Dibenz(a,h)anthracene	278	14.542	14.542	0.000	97	1869516	50.0	39.2	
112 Benzo[g,h,i]perylene	276	14.918	14.924	-0.006	98	1784765	50.0	36.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:21:31 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57870.d

Injection Date: 29-Aug-2020 02:24:30 Instrument ID: CBNAMS11 Operator ID:

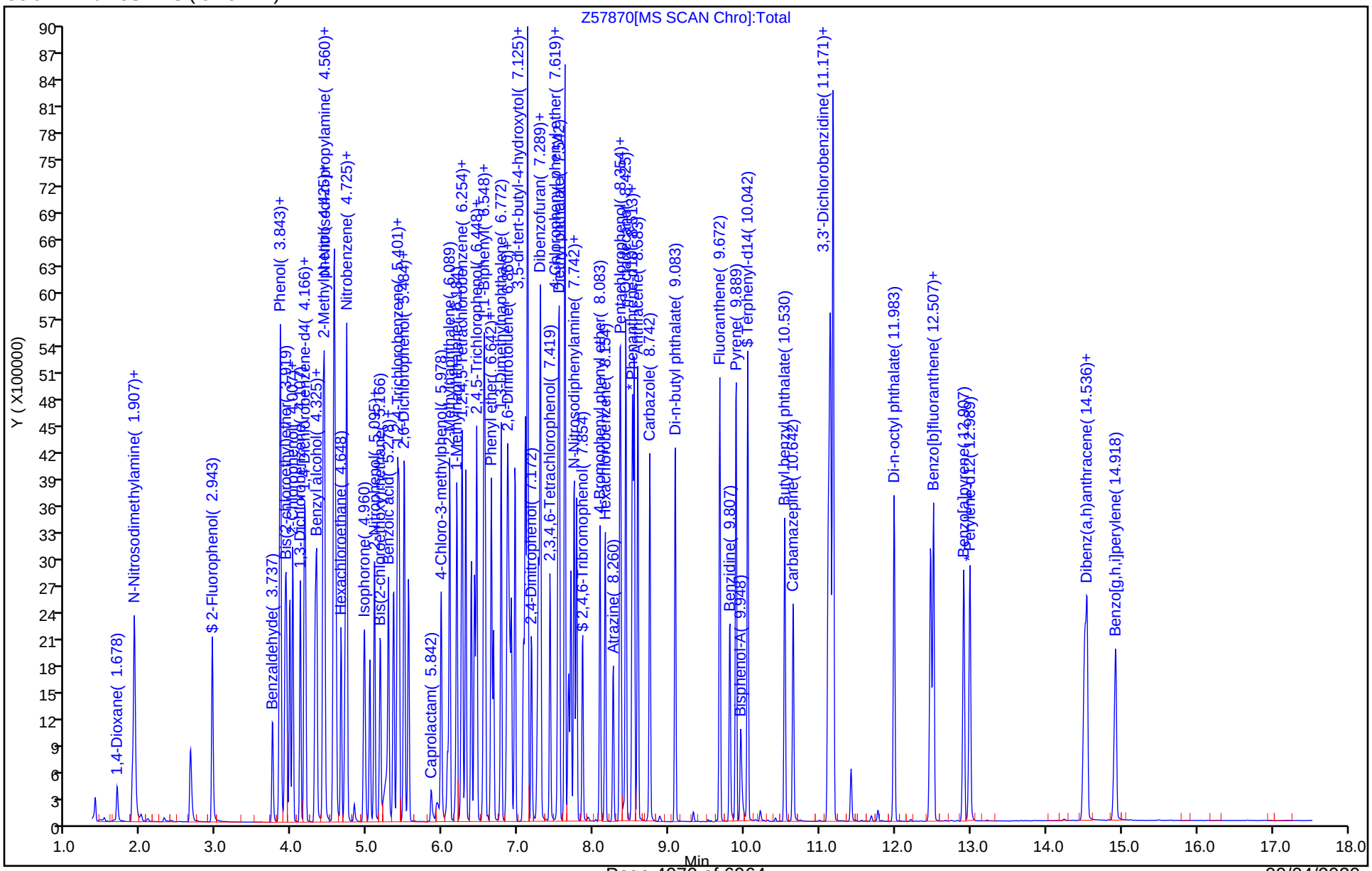
Lims ID: LCS 460-720378/2-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

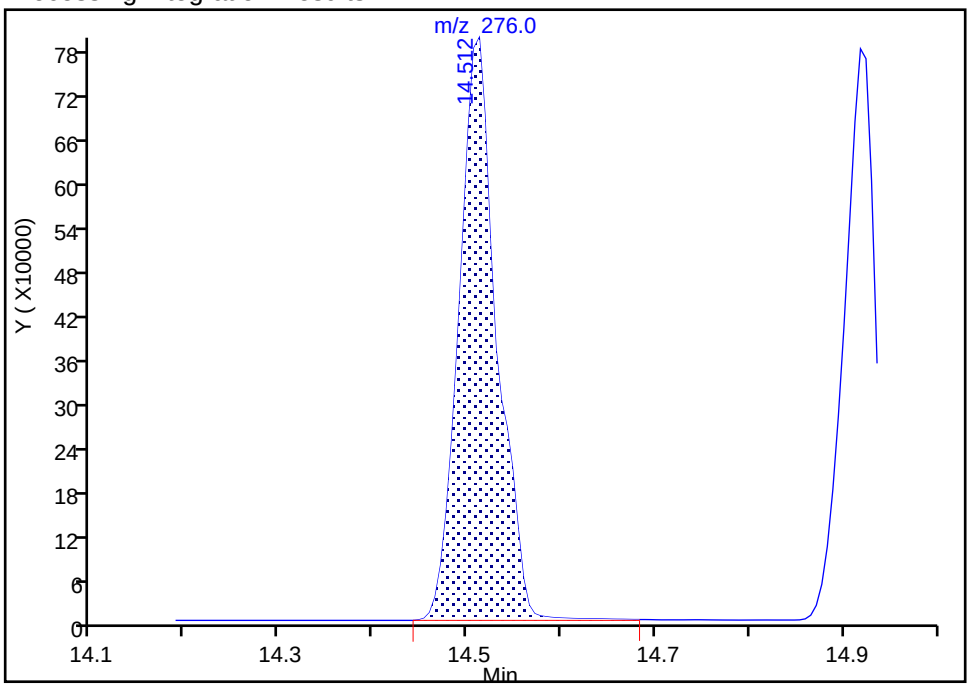
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57870.d				
Injection Date:	29-Aug-2020 02:24:30	Instrument ID:	CBNAMS11		
Lims ID:	LCS 460-720378/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

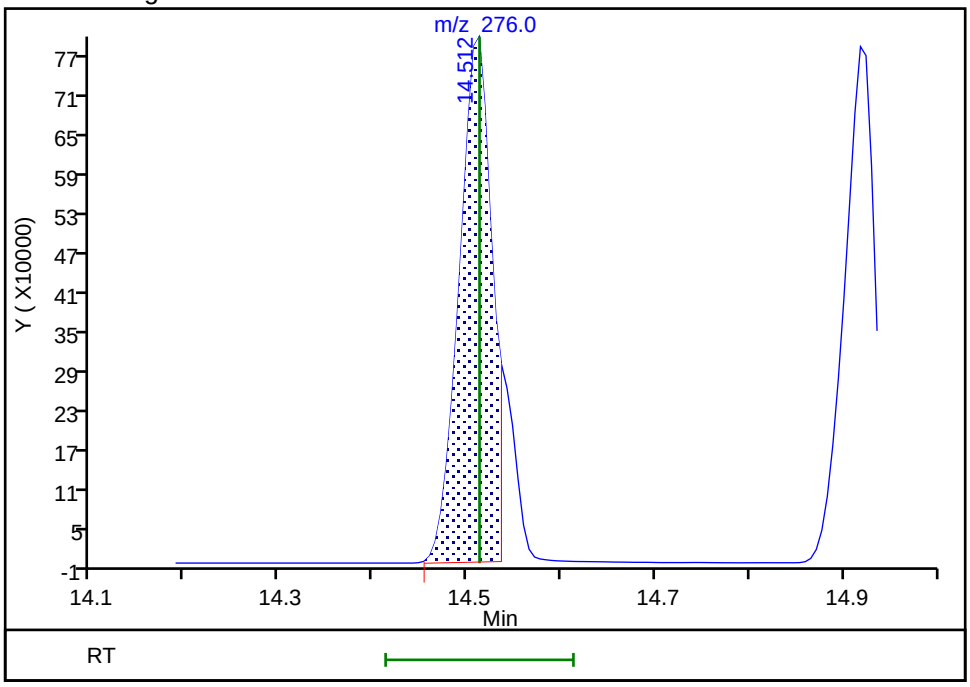
Processing Integration Results

RT: 14.51
Area: 2226557
Amount: 44.759460
Amount Units: ug/ml



Manual Integration Results

RT: 14.51
Area: 1960593
Amount: 39.412907
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:47:57
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720639/2-A

Matrix: Water Lab File ID: M135672.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 23:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	65.3		2.0	0.64
95-50-1	1,2-Dichlorobenzene	61.2		10	1.3
541-73-1	1,3-Dichlorobenzene	56.9		10	2.0
106-46-7	1,4-Dichlorobenzene	58.3		10	1.3
123-91-1	1,4-Dioxane	44.3		10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	57.6		10	0.63
121-14-2	2,4-Dinitrotoluene	77.6		2.0	1.0
606-20-2	2,6-Dinitrotoluene	76.5		2.0	0.83
91-58-7	2-Chloronaphthalene	70.8		10	1.2
91-57-6	2-Methylnaphthalene	72.3		10	1.1
88-74-4	2-Nitroaniline	70.3		10	0.47
91-94-1	3,3'-Dichlorobenzidine	76.0		10	1.4
99-09-2	3-Nitroaniline	73.4		10	1.9
101-55-3	4-Bromophenyl phenyl ether	76.1		10	0.75
106-47-8	4-Chloroaniline	70.0		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	71.8		10	1.3
100-01-6	4-Nitroaniline	74.5		10	1.2
83-32-9	Acenaphthene	72.5		10	1.1
208-96-8	Acenaphthylene	76.1		10	0.82
120-12-7	Anthracene	74.6		10	0.63
56-55-3	Benzo[a]anthracene	66.0		1.0	0.59
50-32-8	Benzo[a]pyrene	84.6		1.0	0.41
205-99-2	Benzo[b]fluoranthene	81.0		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	74.5		10	1.4
207-08-9	Benzo[k]fluoranthene	85.9		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	69.2		10	0.59
111-44-4	Bis(2-chloroethyl)ether	68.9		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	71.8		2.0	1.7
85-68-7	Butyl benzyl phthalate	68.7		10	0.85
86-74-8	Carbazole	75.0		10	0.68
218-01-9	Chrysene	70.5		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	81.7		1.0	0.72
132-64-9	Dibenzofuran	75.4		10	1.1
84-66-2	Diethyl phthalate	74.5		10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720639/2-A

Matrix: Water Lab File ID: M135672.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 23:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	76.0		10	0.77
84-74-2	Di-n-butyl phthalate	71.8		10	0.84
117-84-0	Di-n-octyl phthalate	73.4		10	4.8
206-44-0	Fluoranthene	72.8		10	0.84
86-73-7	Fluorene	77.9		10	0.91
118-74-1	Hexachlorobenzene	78.8		1.0	0.40
87-68-3	Hexachlorobutadiene	61.3		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	57.2		10	3.6
67-72-1	Hexachloroethane	59.6		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	80.2		2.0	0.94
78-59-1	Isophorone	72.2		10	0.80
91-20-3	Naphthalene	69.7		2.0	1.1
98-95-3	Nitrobenzene	77.0		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	70.2		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	73.9		10	0.89
85-01-8	Phenanthrene	74.9		10	0.58
129-00-0	Pyrene	74.3		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	89		46-137
1718-51-0	Terphenyl-d14 (Surr)	101		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135672.D
Lims ID: LCS 460-720639/2-A
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2020 23:02:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-009
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:39:34 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: nimerd Date: 31-Aug-2020 07:57:54

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.024	1.024	0.000	98	69983	10.0	5.53	
	2 N-Nitrosodimethylamine	74	1.183	1.180	0.003	86	119938	10.0	6.30	
	3 Pyridine	79	1.196	1.196	0.000	87	340674	20.0	10.8	
$	4 2-Fluorophenol	112	2.118	2.118	0.000	94	157557	10.0	5.13	
	5 Benzaldehyde	77	2.820	2.826	-0.007	94	164129	5.00	5.57	E
	8 Aniline	93	2.942	2.941	0.000	100	369375	10.0	6.67	
$	6 Phenol-d5	99	2.986	2.987	0.000	98	141134	10.0	3.39	
	7 Phenol	94	2.999	3.001	0.000	98	155839	10.0	3.49	
	10 Benzonitrile	103	3.009	3.009	0.000	99	566952	NC	NC	
	9 Bis(2-chloroethyl)ether	93	3.009	3.012	-0.003	89	294370	10.0	8.61	
	11 2-Chlorophenol	128	3.066	3.066	0.000	94	274920	10.0	7.84	
	12 n-Decane	43	3.124	3.124	0.000	92	274805	10.0	5.76	
	13 1,3-Dichlorobenzene	146	3.194	3.194	0.000	95	296327	10.0	7.11	
*	14 1,4-Dichlorobenzene-d4	152	3.255	3.255	0.000	96	201003	8.00	8.00	
	15 1,4-Dichlorobenzene	146	3.271	3.274	-0.003	94	301518	10.0	7.29	
	17 1,2-Dichlorobenzene	146	3.427	3.427	0.000	96	299418	10.0	7.65	
	16 Benzyl alcohol	108	3.437	3.440	-0.003	92	148245	10.0	7.17	
	19 2,2'-oxybis[1-chloropropane]	45	3.568	3.568	0.000	92	455054	10.0	7.20	
	18 2-Methylphenol	108	3.603	3.603	0.000	88	208460	10.0	6.86	
	20 N-Methylaniline	106	3.683	3.683	0.000	98	460766	10.0	8.82	
	21 Acetophenone	105	3.686	3.686	0.000	95	426111	10.0	8.68	
	22 N-Nitrosodi-n-propylamine	70	3.705	3.704	0.000	89	220907	10.0	8.77	
	25 Hexachloroethane	117	3.763	3.763	0.000	94	125027	10.0	7.45	
	23 3 & 4 Methylphenol	108	3.769	3.769	0.000	64	197748	10.0	6.26	
	24 4-Methylphenol	108	3.769	3.769	0.000	95	197654	10.0	6.26	
$	27 Nitrobenzene-d5	82	3.830	3.830	0.000	90	337058	10.0	8.87	
	28 Nitrobenzene	123	3.849	3.849	0.000	92	148465	10.0	9.63	
	29 n,n'-Dimethylaniline	120	3.859	3.859	0.000	93	422021	10.0	8.59	
	30 Isophorone	82	4.095	4.095	0.000	99	567601	10.0	9.02	
	32 2-Nitrophenol	139	4.171	4.172	-0.001	89	150845	10.0	8.60	
	33 2,4-Dimethylphenol	122	4.283	4.284	-0.001	90	230384	10.0	8.46	
	34 Bis(2-chloroethoxy)methane	93	4.344	4.343	0.000	95	353140	10.0	8.64	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.411	4.437	-0.026	93	38609	10.0	2.71	
36 2,4-Dichlorophenol	162	4.443	4.443	0.000	95	245869	10.0	8.68	
37 1,2,4-Trichlorobenzene	180	4.488	4.488	0.000	94	261142	10.0	8.16	
* 38 Naphthalene-d8	136	4.533	4.533	0.000	99	708282	8.00	8.00	
39 Naphthalene	128	4.552	4.552	0.000	99	803682	10.0	8.71	
40 4-Chloroaniline	127	4.644	4.645	-0.001	96	332538	10.0	8.75	
130 2,6-Dichlorophenol	162	4.651	4.651	0.000	97	250651	NC	NC	
41 Hexachlorobutadiene	225	4.699	4.699	0.000	95	144572	10.0	7.66	
42 Caprolactam	113	4.967	4.967	0.000	87	11057	5.00	1.84	
43 4-Chloro-3-methylphenol	107	5.184	5.184	0.000	97	199334	10.0	7.95	
44 2-Methylnaphthalene	142	5.235	5.236	-0.001	83	537544	10.0	9.04	
45 1-Methylnaphthalene	142	5.325	5.325	0.000	92	482510	10.0	8.71	
46 Hexachlorocyclopentadiene	237	5.398	5.399	-0.001	97	162746	10.0	7.15	
47 1,2,4,5-Tetrachlorobenzene	216	5.401	5.402	-0.001	96	267830	10.0	8.67	
48 2-tertbutyl-4-methylphenol	149	5.504	5.504	0.000	88	303398	10.0	9.06	
49 2,4,6-Trichlorophenol	196	5.542	5.543	0.000	89	165154	10.0	9.07	
50 2,4,5-Trichlorophenol	196	5.590	5.590	0.000	96	168017	10.0	8.45	
$ 51 2-Fluorobiphenyl	172	5.606	5.607	-0.001	97	591977	10.0	8.98	
52 1,1'-Biphenyl	154	5.692	5.693	-0.001	96	634516	10.0	9.11	
53 2-Chloronaphthalene	162	5.696	5.696	0.000	96	501957	10.0	8.85	
54 Phenyl ether	170	5.801	5.802	-0.001	89	329871	10.0	8.97	
55 2-Nitroaniline	65	5.827	5.824	0.000	98	150931	10.0	8.79	
57 1,3-Dimethylnaphthalene	156	5.913	5.913	0.000	90	365086	10.0	9.33	
60 Coumarin	146	6.002	6.003	-0.001	80	171902	10.0	9.44	
59 Dimethyl phthalate	163	6.022	6.022	0.000	98	536515	10.0	9.50	
61 2,6-Dinitrotoluene	165	6.066	6.067	-0.001	94	117487	10.0	9.56	
62 Acenaphthylene	152	6.082	6.083	-0.001	97	758812	10.0	9.51	
* 64 Acenaphthene-d10	164	6.223	6.223	0.000	96	333176	8.00	8.00	
63 3-Nitroaniline	138	6.223	6.223	0.000	93	125694	10.0	9.17	
66 Acenaphthene	154	6.252	6.252	0.000	98	435100	10.0	9.06	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.293	6.297	-0.004	98	356592	10.0	8.31	
67 2,4-Dinitrophenol	184	6.322	6.323	-0.001	93	126963	20.0	17.1	
70 Dibenzofuran	168	6.418	6.419	-0.001	96	685222	10.0	9.43	
69 2,4-Dinitrotoluene	165	6.444	6.444	0.000	93	143836	10.0	9.70	
68 4-Nitrophenol	65	6.482	6.475	0.003	93	62354	20.0	5.64	
72 2,3,4,6-Tetrachlorophenol	232	6.565	6.566	-0.001	93	120851	10.0	8.61	
73 Diethyl phthalate	149	6.693	6.697	-0.004	97	523919	10.0	9.31	
75 Fluorene	166	6.738	6.742	-0.004	94	518222	10.0	9.74	
74 4-Chlorophenyl phenyl ether	204	6.760	6.764	-0.004	86	239792	10.0	8.98	
76 4-Nitroaniline	138	6.802	6.806	-0.004	93	114479	10.0	9.31	
77 4,6-Dinitro-2-methylphenol	198	6.827	6.828	-0.001	81	142133	20.0	17.0	
78 N-Nitrosodiphenylamine	169	6.885	6.886	-0.001	56	354846	10.0	9.23	
79 1,2-Diphenylhydrazine	77	6.907	6.911	-0.004	98	569500	10.0	8.75	
$ 80 2,4,6-Tribromophenol	330	6.975	6.975	0.000	94	93804	10.0	11.4	
81 4-Bromophenyl phenyl ether	248	7.214	7.218	-0.004	89	145101	10.0	9.52	
82 Hexachlorobenzene	284	7.259	7.259	0.000	97	177435	10.0	9.85	
83 Atrazine	200	7.416	7.416	0.000	89	84949	5.00	6.64	E
85 Pentachloronitrobenzene	237	7.467	7.470	-0.003	89	66893	10.0	8.54	
84 Pentachlorophenol	266	7.470	7.470	0.000	90	170505	20.0	19.2	
86 n-Octadecane	57	7.601	7.602	-0.001	91	400454	10.0	9.17	
* 87 Phenanthrene-d10	188	7.611	7.611	0.000	99	523171	8.00	8.00	
88 Phenanthrene	178	7.633	7.634	-0.001	98	699591	10.0	9.37	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	7.678	7.682	-0.004	98	707440	10.0	9.32	
90 Carbazole	167	7.860	7.861	-0.001	96	613653	10.0	9.38	
91 Di-n-butyl phthalate	149	8.234	8.237	-0.003	99	767558	10.0	8.98	
92 Fluoranthene	202	8.741	8.745	-0.004	97	654884	10.0	9.10	
93 Benzidine	184	8.907	8.907	-0.004	99	317171	10.0	8.36	
94 Pyrene	202	8.946	8.946	0.000	96	679120	10.0	9.29	
95 Bisphenol-A	213	9.086	9.091	-0.001	97	99081	5.00	3.14	M
$ 96 Terphenyl-d14	244	9.138	9.138	0.000	98	466719	10.0	10.1	
97 Butyl benzyl phthalate	149	9.633	9.629	0.000	96	277376	10.0	8.59	
99 Carbamazepine	193	9.697	9.697	0.000	92	204628	10.0	7.97	
101 Benzo[a]anthracene	228	10.077	10.081	-0.004	99	516122	10.0	8.25	
* 102 Chrysene-d12	240	10.086	10.087	-0.001	98	369869	8.00	8.00	
100 3,3'-Dichlorobenzidine	252	10.090	10.093	-0.003	99	218786	10.0	9.50	
104 Chrysene	228	10.109	10.109	0.000	97	552936	10.0	8.82	
103 Bis(2-ethylhexyl) phthalate	149	10.202	10.202	0.000	85	402491	10.0	8.97	
105 Di-n-octyl phthalate	149	10.869	10.870	-0.001	96	647849	10.0	9.17	
106 Benzo[b]fluoranthene	252	11.179	11.180	-0.001	97	514120	10.0	10.1	
107 Benzo[k]fluoranthene	252	11.208	11.206	-0.004	99	596336	10.0	10.7	
108 Benzo[a]pyrene	252	11.540	11.544	-0.004	95	479946	10.0	10.6	
* 109 Perylene-d12	264	11.607	11.611	-0.004	98	368028	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	12.904	12.908	-0.004	97	515584	10.0	10.0	
111 Dibenz(a,h)anthracene	278	12.946	12.950	-0.004	96	524522	10.0	10.2	
112 Benzo[g,h,i]perylene	276	13.224	13.225	-0.001	98	570419	10.0	9.31	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 08:40:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135672.D

Injection Date: 30-Aug-2020 23:02:30 Instrument ID: CBNAMS17 Operator ID:

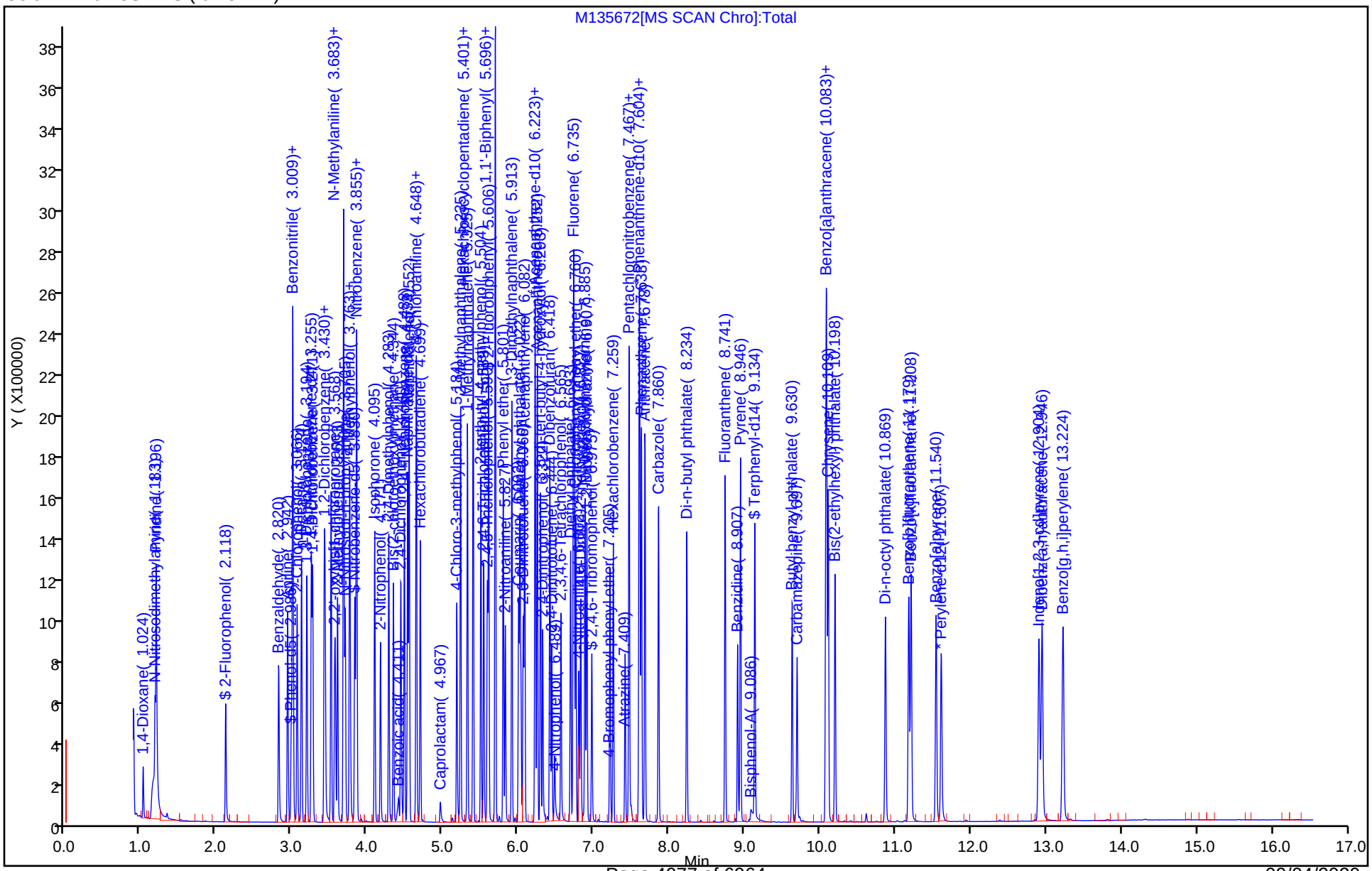
Lims ID: LCS 460-720639/2-A Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720963/2-A

Matrix: Solid Lab File ID: X28732.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.50		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.38		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.29		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.30		0.33	0.013
123-91-1	1,4-Dioxane	1.68		0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	2.47		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	2.67		0.067	0.036
606-20-2	2,6-Dinitrotoluene	2.64		0.067	0.024
91-58-7	2-Chloronaphthalene	2.51		0.33	0.015
91-57-6	2-Methylnaphthalene	2.47		0.33	0.0093
88-74-4	2-Nitroaniline	2.46		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	1.83		0.13	0.050
99-09-2	3-Nitroaniline	2.41		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.50		0.33	0.013
106-47-8	4-Chloroaniline	2.15		0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	2.62		0.33	0.012
100-01-6	4-Nitroaniline	2.42		0.33	0.038
83-32-9	Acenaphthene	2.53		0.33	0.024
208-96-8	Acenaphthylene	2.57		0.33	0.0034
120-12-7	Anthracene	2.41		0.33	0.010
56-55-3	Benzo[a]anthracene	2.33		0.033	0.012
50-32-8	Benzo[a]pyrene	2.71		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.76		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.75		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.60		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.42		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.42		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.35		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.42		0.33	0.016
86-74-8	Carbazole	2.37		0.33	0.013
218-01-9	Chrysene	2.41		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	2.82		0.033	0.014
132-64-9	Dibenzofuran	2.58		0.33	0.0046
84-66-2	Diethyl phthalate	2.52		0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720963/2-A

Matrix: Solid Lab File ID: X28732.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.56		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.37		0.33	0.058
117-84-0	Di-n-octyl phthalate	2.65		0.33	0.018
206-44-0	Fluoranthene	2.37		0.33	0.012
86-73-7	Fluorene	2.55		0.33	0.0045
118-74-1	Hexachlorobenzene	2.45		0.033	0.016
87-68-3	Hexachlorobutadiene	2.54		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.54		0.33	0.029
67-72-1	Hexachloroethane	2.38		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	2.80		0.033	0.013
78-59-1	Isophorone	2.48		0.13	0.096
91-20-3	Naphthalene	2.41		0.33	0.0057
98-95-3	Nitrobenzene	2.46		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.44		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.40		0.33	0.0063
85-01-8	Phenanthrene	2.43		0.33	0.0058
129-00-0	Pyrene	2.48		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	72		19-105
1718-51-0	Terphenyl-d14 (Surr)	85		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28732.d
Lims ID: LCS 460-720963/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Sep-2020 14:23:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 01-Sep-2020 19:34:21 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1051

First Level Reviewer: eisam Date: 01-Sep-2020 19:34:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.881	1.875	0.006	83	6492	50.0	25.3	
2 N-Nitrosodimethylamine	74	2.105	2.104	0.001	54	14316	50.0	34.3	
3 Pyridine	79	2.146	2.146	0.000	62	39384	100.0	52.8	
$ 4 2-Fluorophenol	112	3.281	3.275	0.006	93	33627	50.0	38.0	
5 Benzaldehyde	77	4.099	4.093	0.001	80	9348	20.0	15.0	
$ 6 Phenol-d5	99	4.163	4.163	0.000	89	39286	50.0	38.2	
7 Phenol	94	4.175	4.175	0.000	92	42017	50.0	39.3	
8 Aniline	93	4.199	4.198	0.001	37	44634	50.0	34.9	
9 Bis(2-chloroethyl)ether	93	4.251	4.251	0.000	86	27755	50.0	36.3	
10 Benzonitrile	103	4.269	4.275	-0.006	93	61045	NC	NC	
11 2-Chlorophenol	128	4.316	4.316	0.000	90	38949	50.0	37.9	
12 n-Decane	43	4.363	4.363	0.000	83	51243	50.0	32.3	
13 1,3-Dichlorobenzene	146	4.463	4.463	0.000	95	37388	50.0	34.3	
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	27600	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.528	4.528	0.000	91	38365	50.0	34.5	
16 Benzyl alcohol	108	4.640	4.640	0.000	90	21546	50.0	36.6	
17 1,2-Dichlorobenzene	146	4.675	4.675	0.000	92	37399	50.0	35.6	
18 2-Methylphenol	108	4.746	4.745	0.001	83	31440	50.0	38.9	
19 2,2'-oxybis[1-chloropropane]	45	4.763	4.769	-0.006	89	78267	50.0	37.0	
20 N-Methylaniline	106	4.881	4.887	-0.006	76	51203	50.0	36.8	
22 N-Nitrosodi-n-propylamine	70	4.893	4.892	0.001	80	19910	50.0	36.7	
21 Acetophenone	105	4.893	4.892	0.001	73	44513	50.0	34.4	
23 3 & 4 Methylphenol	108	4.893	4.892	0.001	69	35797	50.0	37.9	
24 4-Methylphenol	108	4.893	4.892	0.001	72	35797	50.0	37.9	
25 Hexachloroethane	117	4.998	4.998	0.000	90	13955	50.0	35.7	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	88	31140	50.0	35.9	
28 Nitrobenzene	123	5.051	5.057	-0.006	79	16705	50.0	36.9	
27 n,n'-Dimethylaniline	120	5.057	5.057	0.000	83	49534	50.0	34.3	
31 Isophorone	82	5.281	5.281	0.000	91	53974	50.0	37.2	
32 2-Nitrophenol	139	5.357	5.357	0.000	88	19836	50.0	37.1	
33 2,4-Dimethylphenol	122	5.398	5.398	0.000	91	32594	50.0	38.2	
34 Bis(2-chloroethoxy)methane	93	5.481	5.481	0.000	93	34139	50.0	36.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.498	5.498	0.000	88	22816	50.0	37.3	
36 2,4-Dichlorophenol	162	5.587	5.587	0.000	94	31176	50.0	39.5	
37 1,2,4-Trichlorobenzene	180	5.669	5.669	0.000	95	32382	50.0	37.6	
* 38 Naphthalene-d8	136	5.722	5.722	0.000	97	111131	40.0	40.0	
39 Naphthalene	128	5.740	5.739	0.001	98	102692	50.0	36.2	
40 4-Chloroaniline	127	5.787	5.787	0.000	84	39541	50.0	32.3	
130 2,6-Dichlorophenol	162	5.798	5.798	0.000	92	30656	NC	NC	
41 Hexachlorobutadiene	225	5.863	5.863	0.000	92	19408	50.0	38.1	
42 Caprolactam	113	6.110	6.110	0.000	77	4085	20.0	18.3	M
43 4-Chloro-3-methylphenol	107	6.251	6.251	0.000	90	28857	50.0	37.9	
44 2-Methylnaphthalene	142	6.393	6.392	0.000	81	71740	50.0	37.1	
45 1-Methylnaphthalene	142	6.487	6.486	0.001	80	66119	50.0	36.5	
46 Hexachlorocyclopentadiene	237	6.551	6.551	0.000	84	23660	50.0	38.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.557	6.557	0.000	96	32454	50.0	38.1	
48 2-tertbutyl-4-methylphenol	149	6.587	6.586	0.001	71	47681	50.0	40.0	
49 2,4,6-Trichlorophenol	196	6.663	6.663	0.000	88	22711	50.0	40.0	
50 2,4,5-Trichlorophenol	196	6.698	6.698	0.000	88	25434	50.0	38.7	
$ 51 2-Fluorobiphenyl	172	6.740	6.739	0.001	90	76633	50.0	38.1	
52 1,1'-Biphenyl	154	6.834	6.834	0.000	95	86721	50.0	38.3	
53 2-Chloronaphthalene	162	6.857	6.857	0.000	97	65052	50.0	37.6	
54 Phenyl ether	170	6.934	6.934	0.000	82	45013	50.0	39.4	
56 2-Nitroaniline	65	6.945	6.945	0.000	91	22204	50.0	36.9	
57 1,3-Dimethylnaphthalene	156	7.063	7.063	0.000	88	53697	50.0	39.9	
58 Dimethyl phthalate	163	7.122	7.122	0.000	98	78480	50.0	38.4	
59 Coumarin	146	7.140	7.145	-0.005	73	26373	50.0	38.6	
60 2,6-Dinitrotoluene	165	7.175	7.175	0.000	6	17499	50.0	39.5	
61 Acenaphthylene	152	7.245	7.245	0.000	97	101951	50.0	38.5	
64 3-Nitroaniline	138	7.334	7.333	0.001	93	19063	50.0	36.1	
* 65 Acenaphthene-d10	164	7.381	7.381	0.000	95	54803	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.398	7.398	0.000	94	59781	50.0	39.5	
67 Acenaphthene	154	7.410	7.410	0.000	93	73208	50.0	38.0	
68 2,4-Dinitrophenol	184	7.434	7.433	0.001	72	22140	100.0	71.1	a
69 4-Nitrophenol	65	7.504	7.504	0.000	85	27350	100.0	70.7	
70 2,4-Dinitrotoluene	165	7.557	7.557	0.000	82	24421	50.0	40.1	
71 Dibenzofuran	168	7.575	7.575	0.000	91	92651	50.0	38.7	
72 2,3,4,6-Tetrachlorophenol	232	7.692	7.692	0.000	89	19896	50.0	37.7	
73 Diethyl phthalate	149	7.787	7.786	0.001	97	79086	50.0	37.9	
74 4-Chlorophenyl phenyl ether	204	7.892	7.892	0.000	71	35865	50.0	39.3	
75 Fluorene	166	7.892	7.892	0.000	80	74392	50.0	38.2	
76 4-Nitroaniline	138	7.916	7.916	0.000	87	20428	50.0	36.3	
77 4,6-Dinitro-2-methylphenol	198	7.945	7.945	0.000	66	27502	100.0	75.1	
78 N-Nitrosodiphenylamine	169	8.004	8.004	0.000	95	54030	50.0	36.0	
79 1,2-Diphenylhydrazine	77	8.039	8.039	0.000	87	56908	50.0	35.1	
$ 80 2,4,6-Tribromophenol	330	8.122	8.122	0.000	92	15212	50.0	40.9	
81 4-Bromophenyl phenyl ether	248	8.351	8.351	0.000	88	22739	50.0	37.6	
83 Hexachlorobenzene	284	8.422	8.422	0.000	91	26288	50.0	36.8	
84 Atrazine	200	8.504	8.504	0.000	85	10119	20.0	17.0	
85 Pentachlorophenol	266	8.604	8.604	0.000	85	32072	100.0	71.3	
86 Pentachloronitrobenzene	237	8.616	8.622	-0.006	82	11910	50.0	38.0	
87 n-Octadecane	57	8.681	8.680	0.001	91	61043	50.0	36.7	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	103323	40.0	40.0	
89 Phenanthrene	178	8.798	8.798	0.000	96	113067	50.0	36.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.845	8.845	0.000	98	115312	50.0	36.1	
91 Carbazole	167	8.998	8.998	0.000	83	101339	50.0	35.5	
92 Di-n-butyl phthalate	149	9.328	9.327	0.001	99	130354	50.0	35.6	
93 Fluoranthene	202	9.922	9.922	0.000	98	119878	50.0	35.5	
94 Benzidine	184	10.045	10.045	0.000	98	66581	50.0	34.9	
95 Pyrene	202	10.133	10.133	0.000	97	122403	50.0	37.2	
82 Bisphenol-A	213	10.180	10.180	0.000	85	30387	25.0	18.9	
$ 96 Terphenyl-d14	244	10.286	10.286	0.000	98	96720	50.0	42.7	
97 Butyl benzyl phthalate	149	10.786	10.786	0.000	92	53592	50.0	36.2	
99 Carbamazepine	193	10.898	10.904	-0.006	88	48335	50.0	35.7	
100 3,3'-Dichlorobenzidine	252	11.375	11.374	0.001	98	32789	50.0	27.4	
101 Benzo[a]anthracene	228	11.398	11.404	-0.006	98	108664	50.0	34.9	
* 102 Chrysene-d12	240	11.416	11.416	0.000	97	87533	40.0	40.0	
103 Chrysene	228	11.445	11.445	0.000	94	106802	50.0	36.2	
104 Bis(2-ethylhexyl) phthalate	149	11.445	11.451	-0.006	85	75991	50.0	35.3	
105 Di-n-octyl phthalate	149	12.292	12.292	0.000	93	133374	50.0	39.7	
106 Benzo[b]fluoranthene	252	12.792	12.798	-0.006	87	120865	50.0	41.3	
107 Benzo[k]fluoranthene	252	12.833	12.839	-0.006	95	114179	50.0	39.0	
108 Benzo[a]pyrene	252	13.251	13.251	0.000	96	101631	50.0	40.6	
* 109 Perylene-d12	264	13.333	13.333	0.000	98	95373	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.933	-0.006	99	129340	50.0	41.9	
111 Dibenz(a,h)anthracene	278	14.963	14.968	-0.005	95	124095	50.0	42.3	
112 Benzo[g,h,i]perylene	276	15.380	15.386	-0.006	90	123677	50.0	41.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Sep-2020 19:34:21 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28732.d

Injection Date: 01-Sep-2020 14:23:30 Instrument ID: CBNAMS5 Operator ID:

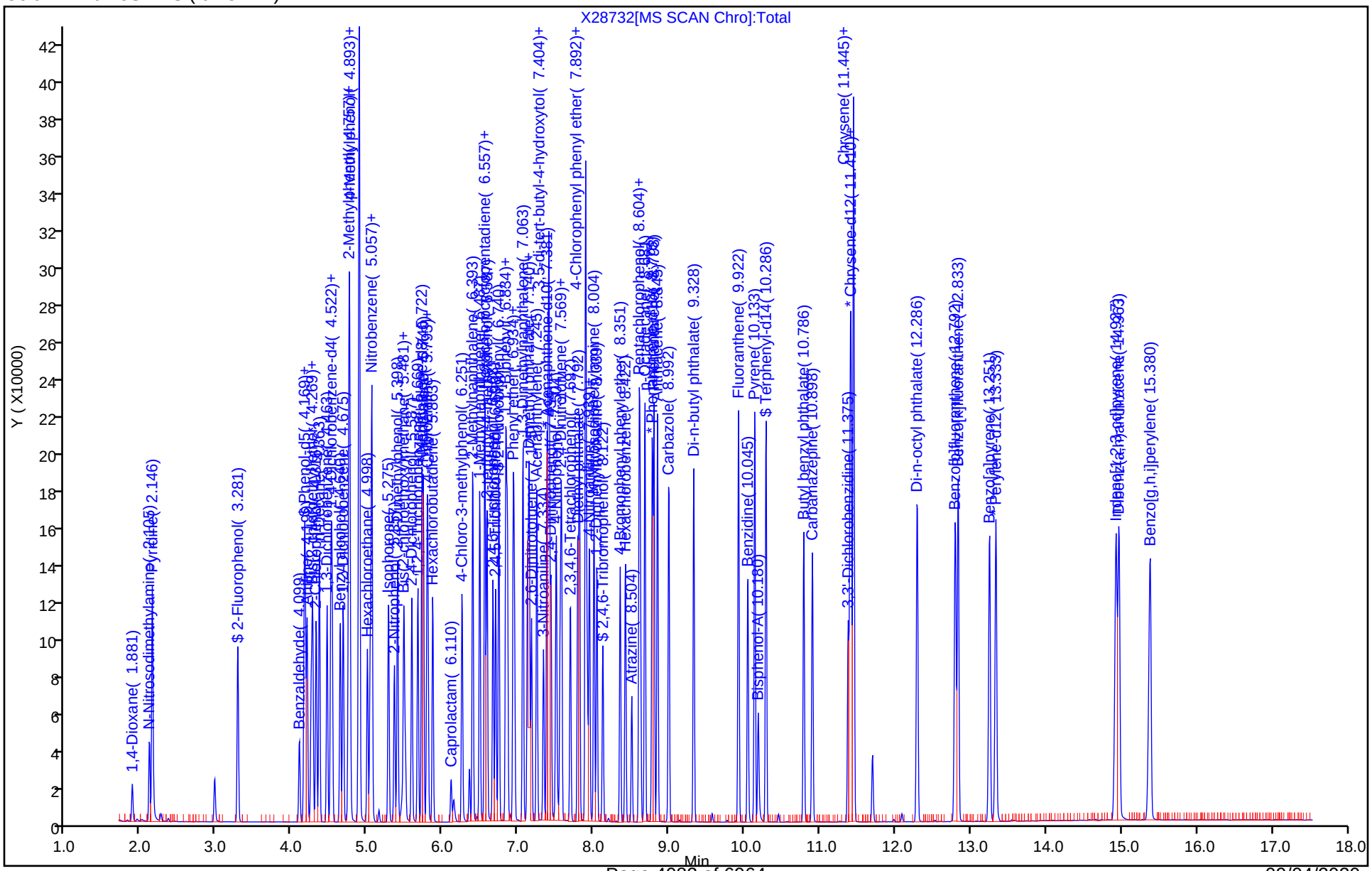
Lims ID: LCS 460-720963/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721059/2-A

Matrix: Water Lab File ID: N927252.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 19:55

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	65.9		2.0	0.64
95-50-1	1,2-Dichlorobenzene	63.8		10	1.3
541-73-1	1,3-Dichlorobenzene	58.7		10	2.0
106-46-7	1,4-Dichlorobenzene	60.1		10	1.3
123-91-1	1,4-Dioxane	41.3		10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	62.8		10	0.63
121-14-2	2,4-Dinitrotoluene	92.7		2.0	1.0
606-20-2	2,6-Dinitrotoluene	88.8		2.0	0.83
91-58-7	2-Chloronaphthalene	71.8		10	1.2
91-57-6	2-Methylnaphthalene	72.8		10	1.1
88-74-4	2-Nitroaniline	75.5		10	0.47
91-94-1	3,3'-Dichlorobenzidine	83.3		10	1.4
99-09-2	3-Nitroaniline	81.5		10	1.9
101-55-3	4-Bromophenyl phenyl ether	74.3		10	0.75
106-47-8	4-Chloroaniline	70.6		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	76.3		10	1.3
100-01-6	4-Nitroaniline	88.1		10	1.2
83-32-9	Acenaphthene	77.1		10	1.1
208-96-8	Acenaphthylene	76.3		10	0.82
120-12-7	Anthracene	75.4		10	0.63
56-55-3	Benzo[a]anthracene	73.3		1.0	0.59
50-32-8	Benzo[a]pyrene	83.2		1.0	0.41
205-99-2	Benzo[b]fluoranthene	81.9		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	89.2		10	1.4
207-08-9	Benzo[k]fluoranthene	85.9		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	73.3		10	0.59
111-44-4	Bis(2-chloroethyl)ether	71.3		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	83.8		2.0	1.7
85-68-7	Butyl benzyl phthalate	75.1		10	0.85
86-74-8	Carbazole	78.6		10	0.68
218-01-9	Chrysene	73.3		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	92.1		1.0	0.72
132-64-9	Dibenzofuran	76.3		10	1.1
84-66-2	Diethyl phthalate	77.2		10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-721059/2-A

Matrix: Water Lab File ID: N927252.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 19:55

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	79.3		10	0.77
84-74-2	Di-n-butyl phthalate	76.6		10	0.84
117-84-0	Di-n-octyl phthalate	88.2		10	4.8
206-44-0	Fluoranthene	82.7		10	0.84
86-73-7	Fluorene	77.0		10	0.91
118-74-1	Hexachlorobenzene	78.2		1.0	0.40
87-68-3	Hexachlorobutadiene	39.2		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	39.7		10	3.6
67-72-1	Hexachloroethane	42.9		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	93.8		2.0	0.94
78-59-1	Isophorone	76.1		10	0.80
91-20-3	Naphthalene	72.6		2.0	1.1
98-95-3	Nitrobenzene	76.6		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	70.1		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	74.5		10	0.89
85-01-8	Phenanthrene	75.2		10	0.58
129-00-0	Pyrene	62.0		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	90		46-137
1718-51-0	Terphenyl-d14 (Surr)	89		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927252.d
Lims ID: LCS 460-721059/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Sep-2020 19:55:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-005
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 20:21:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.928	1.922	0.006	98	61634	10.0	5.17	
2 N-Nitrosodimethylamine	74	2.134	2.128	0.006	88	90145	10.0	5.37	
3 Pyridine	79	2.181	2.169	0.012	87	194864	20.0	6.91	
$ 4 2-Fluorophenol	112	3.240	3.240	0.000	96	135360	10.0	4.66	
5 Benzaldehyde	77	4.046	4.046	-0.001	95	144766	5.00	5.76	E
$ 6 Phenol-d5	99	4.104	4.104	0.000	95	106121	10.0	3.09	a
7 Phenol	94	4.116	4.122	-0.006	98	116918	10.0	3.32	
8 Aniline	93	4.145	4.146	-0.001	99	293928	10.0	6.70	
9 Bis(2-chloroethyl)ether	93	4.198	4.198	0.000	95	264562	10.0	8.91	
10 Benzonitrile	103	4.222	4.222	0.000	98	514773	NC	NC	
11 2-Chlorophenol	128	4.263	4.263	0.000	97	244315	10.0	8.02	
12 n-Decane	43	4.304	4.304	0.000	92	50920	10.0	1.30	
13 1,3-Dichlorobenzene	146	4.410	4.410	0.000	97	268040	10.0	7.33	
* 14 1,4-Dichlorobenzene-d4	152	4.463	4.457	0.006	94	184411	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.475	4.475	0.000	96	277780	10.0	7.51	
16 Benzyl alcohol	108	4.587	4.587	0.000	95	127146	10.0	7.22	
17 1,2-Dichlorobenzene	146	4.622	4.622	0.000	97	275609	10.0	7.97	
18 2-Methylphenol	108	4.698	4.693	0.005	92	175708	10.0	7.07	
19 2,2'-oxybis[1-chloropropane]	45	4.716	4.710	0.006	94	365559	10.0	7.85	
20 N-Methylaniline	106	4.834	4.828	0.006	94	412430	10.0	9.07	
22 N-Nitrosodi-n-propylamine	70	4.840	4.840	0.000	72	179618	10.0	8.77	
21 Acetophenone	105	4.840	4.840	0.000	91	367996	10.0	9.29	
24 4-Methylphenol	108	4.840	4.840	0.000	81	183195	10.0	6.43	
23 3 & 4 Methylphenol	108	4.840	4.840	0.000	92	183195	10.0	6.43	
25 Hexachloroethane	117	4.945	4.946	-0.001	91	72905	10.0	5.37	
$ 27 Nitrobenzene-d5	82	4.987	4.981	0.006	88	264370	10.0	9.00	
28 Nitrobenzene	123	5.004	5.004	0.000	94	134283	10.0	9.58	
29 n,n'-Dimethylaniline	120	5.004	5.004	0.000	93	411392	10.0	9.01	
30 Isophorone	82	5.228	5.228	0.000	99	454661	10.0	9.52	
32 2-Nitrophenol	139	5.304	5.304	0.000	95	140931	10.0	10.5	
33 2,4-Dimethylphenol	122	5.345	5.345	0.000	91	200334	10.0	8.50	
34 Bis(2-chloroethoxy)methane	93	5.434	5.428	0.006	99	290635	10.0	9.17	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.416	5.434	-0.018	87	33382	10.0	4.98	
36 2,4-Dichlorophenol	162	5.534	5.534	0.000	97	227227	10.0	9.42	
37 1,2,4-Trichlorobenzene	180	5.616	5.616	0.000	94	233175	10.0	8.24	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	622818	8.00	8.00	
39 Naphthalene	128	5.687	5.687	0.000	99	726292	10.0	9.08	
40 4-Chloroaniline	127	5.740	5.740	0.000	98	287988	10.0	8.83	
130 2,6-Dichlorophenol	162	5.751	5.751	0.000	98	221840	NC	NC	
41 Hexachlorobutadiene	225	5.816	5.816	0.000	97	82716	10.0	4.90	
42 Caprolactam	113	6.063	6.057	0.006	90	10487	5.00	2.23	
43 4-Chloro-3-methylphenol	107	6.204	6.204	0.000	95	174026	10.0	8.66	
44 2-Methylnaphthalene	142	6.345	6.345	0.000	85	490556	10.0	9.10	
45 1-Methylnaphthalene	142	6.439	6.440	-0.001	92	451079	10.0	8.96	
46 Hexachlorocyclopentadiene	237	6.504	6.504	0.000	98	104764	10.0	4.96	
47 1,2,4,5-Tetrachlorobenzene	216	6.510	6.510	0.000	99	241748	10.0	8.28	
48 2-tertbutyl-4-methylphenol	149	6.539	6.540	-0.001	92	330258	10.0	9.88	
49 2,4,6-Trichlorophenol	196	6.616	6.616	0.000	93	175421	10.0	10.3	
50 2,4,5-Trichlorophenol	196	6.651	6.651	0.000	98	179200	10.0	9.57	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	502831	10.0	8.28	
52 1,1'-Biphenyl	154	6.787	6.787	-0.001	95	597340	10.0	9.16	
53 2-Chloronaphthalene	162	6.804	6.804	0.000	99	455830	10.0	8.97	
54 Phenyl ether	170	6.886	6.887	-0.001	87	333530	10.0	9.65	
55 2-Nitroaniline	65	6.898	6.898	0.000	98	141483	10.0	9.44	
57 1,3-Dimethylnaphthalene	156	7.010	7.010	0.000	92	361077	10.0	9.41	
59 Dimethyl phthalate	163	7.075	7.075	0.000	99	497385	10.0	9.92	
60 Coumarin	146	7.092	7.092	0.000	79	158768	10.0	10.3	
61 2,6-Dinitrotoluene	165	7.128	7.128	0.000	95	116941	10.0	11.1	
62 Acenaphthylene	152	7.198	7.198	0.000	98	688428	10.0	9.53	
63 3-Nitroaniline	138	7.286	7.287	-0.001	97	106237	10.0	10.2	
* 64 Acenaphthene-d10	164	7.334	7.334	0.000	96	303611	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.351	7.351	0.000	96	415779	10.0	8.81	
66 Acenaphthene	154	7.363	7.363	0.000	95	466346	10.0	9.64	
67 2,4-Dinitrophenol	184	7.386	7.387	-0.001	85	113127	20.0	25.8	
68 4-Nitrophenol	65	7.451	7.457	-0.006	89	47658	20.0	6.95	
69 2,4-Dinitrotoluene	165	7.510	7.510	0.000	97	142944	10.0	11.6	
70 Dibenzofuran	168	7.522	7.522	0.000	96	634842	10.0	9.54	
72 2,3,4,6-Tetrachlorophenol	232	7.645	7.645	0.000	97	137001	10.0	10.7	
73 Diethyl phthalate	149	7.739	7.739	0.000	99	459913	10.0	9.65	
74 4-Chlorophenyl phenyl ether	204	7.845	7.845	0.000	78	247900	10.0	9.54	
75 Fluorene	166	7.845	7.845	0.000	94	492583	10.0	9.62	
76 4-Nitroaniline	138	7.863	7.863	0.000	89	106127	10.0	11.0	
77 4,6-Dinitro-2-methylphenol	198	7.892	7.892	0.000	92	154670	20.0	27.1	
78 N-Nitrosodiphenylamine	169	7.957	7.957	0.000	97	358620	10.0	9.32	
79 1,2-Diphenylhydrazine	77	7.992	7.992	0.000	94	425266	10.0	8.30	
$ 80 2,4,6-Tribromophenol	330	8.075	8.075	0.000	90	106421	10.0	12.1	
81 4-Bromophenyl phenyl ether	248	8.304	8.304	0.000	96	156107	10.0	9.29	
82 Hexachlorobenzene	284	8.375	8.375	0.000	94	186599	10.0	9.77	
83 Atrazine	200	8.463	8.457	0.006	95	111916	5.00	8.72	E
84 Pentachlorophenol	266	8.557	8.557	0.000	95	212425	20.0	23.0	
85 Pentachloronitrobenzene	237	8.569	8.569	0.000	91	70748	10.0	10.9	
86 n-Octadecane	57	8.633	8.634	-0.001	92	293624	10.0	7.66	
* 87 Phenanthrene-d10	188	8.728	8.728	0.000	98	497727	8.00	8.00	
88 Phenanthrene	178	8.751	8.751	0.000	97	682149	10.0	9.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.798	8.798	0.000	99	703386	10.0	9.42	
90 Carbazole	167	8.951	8.951	0.000	96	576760	10.0	9.82	
91 Di-n-butyl phthalate	149	9.280	9.286	-0.006	100	676652	10.0	9.57	
92 Fluoranthene	202	9.875	9.875	0.000	98	700733	10.0	10.3	
93 Benzidine	184	9.998	9.998	0.000	99	131862	10.0	4.59	
94 Pyrene	202	10.086	10.092	-0.006	98	701135	10.0	7.75	
95 Bisphenol-A	213	10.145	10.151	-0.006	98	115482	5.00	4.10	
$ 96 Terphenyl-d14	244	10.239	10.239	0.000	98	578161	10.0	8.86	
97 Butyl benzyl phthalate	149	10.739	10.739	0.000	96	260380	10.0	9.38	
99 Carbamazepine	193	10.851	10.851	0.000	92	269878	10.0	11.9	
100 3,3'-Dichlorobenzidine	252	11.322	11.322	0.000	98	264167	10.0	10.4	
101 Benzo[a]anthracene	228	11.345	11.345	0.000	98	656095	10.0	9.16	
* 102 Chrysene-d12	240	11.357	11.357	0.000	99	411781	8.00	8.00	
104 Chrysene	228	11.386	11.386	0.000	99	623881	10.0	9.16	
103 Bis(2-ethylhexyl) phthalate	149	11.392	11.398	-0.006	86	395342	10.0	10.5	
105 Di-n-octyl phthalate	149	12.221	12.222	-0.001	96	702661	10.0	11.0	
106 Benzo[b]fluoranthene	252	12.716	12.716	0.000	98	702914	10.0	10.2	
107 Benzo[k]fluoranthene	252	12.757	12.757	0.000	99	763431	10.0	10.7	
108 Benzo[a]pyrene	252	13.168	13.169	0.000	98	618153	10.0	10.4	
* 109 Perylene-d12	264	13.245	13.245	0.000	100	452385	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.810	14.810	0.000	98	879015	10.0	11.7	
111 Dibenz(a,h)anthracene	278	14.845	14.845	0.000	97	845431	10.0	11.5	
112 Benzo[g,h,i]perylene	276	15.245	15.245	0.000	97	861949	10.0	11.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 14:22:43 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927252.d

Injection Date: 01-Sep-2020 19:55:30 Instrument ID: CBNAMS14 Operator ID:

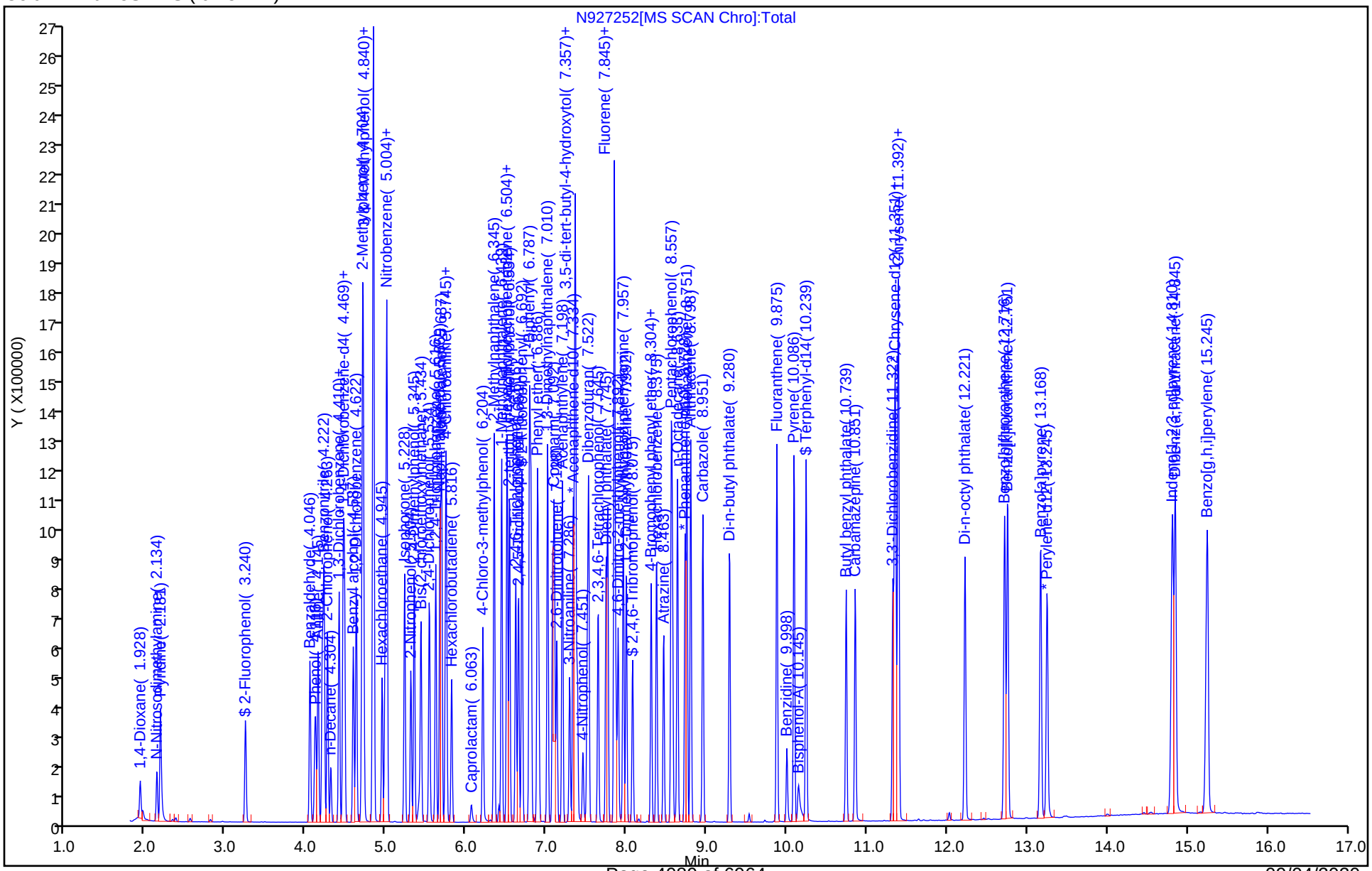
Lims ID: LCS 460-721059/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720271/3-A

Matrix: Solid Lab File ID: f4516033.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.62		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.53		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.44		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.45		0.33	0.013
123-91-1	1,4-Dioxane	1.67		0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	2.44		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	2.96		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.05		0.067	0.024
91-58-7	2-Chloronaphthalene	2.51		0.33	0.015
91-57-6	2-Methylnaphthalene	2.60		0.33	0.0093
88-74-4	2-Nitroaniline	2.73		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	2.34		0.13	0.050
99-09-2	3-Nitroaniline	2.66		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.69		0.33	0.013
106-47-8	4-Chloroaniline	2.28		0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	2.73		0.33	0.012
100-01-6	4-Nitroaniline	2.68		0.33	0.038
83-32-9	Acenaphthene	2.51		0.33	0.024
208-96-8	Acenaphthylene	2.55		0.33	0.0034
120-12-7	Anthracene	2.53		0.33	0.010
56-55-3	Benzo[a]anthracene	2.49		0.033	0.012
50-32-8	Benzo[a]pyrene	2.96		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.91		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.73		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.97		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.43		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.45		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.41		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.54		0.33	0.016
86-74-8	Carbazole	2.45		0.33	0.013
218-01-9	Chrysene	2.54		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	3.12		0.033	0.014
132-64-9	Dibenzofuran	2.59		0.33	0.0046
84-66-2	Diethyl phthalate	2.64		0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720271/3-A

Matrix: Solid Lab File ID: f4516033.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 20:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.60		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.47		0.33	0.058
117-84-0	Di-n-octyl phthalate	2.82		0.33	0.018
206-44-0	Fluoranthene	2.59		0.33	0.012
86-73-7	Fluorene	2.61		0.33	0.0045
118-74-1	Hexachlorobenzene	2.54		0.033	0.016
87-68-3	Hexachlorobutadiene	2.80		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.92		0.33	0.029
67-72-1	Hexachloroethane	2.47		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	3.04		0.033	0.013
78-59-1	Isophorone	2.57		0.13	0.096
91-20-3	Naphthalene	2.51		0.33	0.0057
98-95-3	Nitrobenzene	2.65		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.51		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.49		0.33	0.0063
85-01-8	Phenanthrene	2.49		0.33	0.0058
129-00-0	Pyrene	2.41		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	74		19-105
1718-51-0	Terphenyl-d14 (Surr)	79		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516033.D
Lims ID: LCSD 460-720271/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 28-Aug-2020 20:40:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-005
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:29:56 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 28-Aug-2020 20:57:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.627	1.633	-0.006	91	32976	50.0	25.0	
2 N-Nitrosodimethylamine	74	1.745	1.754	-0.009	80	75098	50.0	37.4	
3 Pyridine	79	1.766	1.774	-0.008	77	209649	100.0	59.0	
$ 5 2-Fluorophenol	112	2.423	2.432	-0.009	88	107979	50.0	35.1	
7 Benzaldehyde	77	3.007	3.022	-0.015	87	53634	20.0	18.0	E
$ 8 Phenol-d5	99	3.051	3.063	-0.012	98	142456	50.0	35.5	
9 Phenol	94	3.060	3.072	-0.012	96	155023	50.0	37.5	
10 Aniline	93	3.084	3.099	-0.015	9	170315	50.0	33.6	a
11 Bis(2-chloroethyl)ether	93	3.134	3.149	-0.015	89	124276	50.0	36.8	
12 2-Chlorophenol	128	3.172	3.184	-0.012	84	112713	50.0	38.2	
13 n-Decane	43	3.211	3.226	-0.015	95	172545	50.0	31.4	
14 1,3-Dichlorobenzene	146	3.284	3.299	-0.015	90	114501	50.0	36.6	
* 15 1,4-Dichlorobenzene-d4	152	3.329	3.341	-0.012	97	79483	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.340	3.355	-0.015	79	116657	50.0	36.7	
17 Benzyl alcohol	108	3.432	3.444	-0.012	88	79084	50.0	37.8	
18 1,2-Dichlorobenzene	146	3.452	3.465	-0.013	87	114540	50.0	37.9	
19 2-Methylphenol	108	3.517	3.529	-0.012	81	107922	50.0	38.2	
20 2,2'-oxybis[1-chloropropane]	45	3.538	3.553	-0.015	92	259057	50.0	36.6	
130 N-Methylaniline	106	3.627	3.642	-0.015	0	187530	50.0	37.0	a
21 Acetophenone	105	3.635	3.650	-0.015	81	172590	50.0	36.7	
22 4-Methylphenol	108	3.638	3.653	-0.015	67	123609	50.0	38.0	
23 3 & 4 Methylphenol	108	3.638	3.653	-0.015	76	123609	50.0	38.0	
24 N-Nitrosodi-n-propylamine	70	3.638	3.653	-0.015	79	89107	50.0	37.6	
25 Hexachloroethane	117	3.709	3.721	-0.012	93	50280	50.0	37.1	
$ 26 Nitrobenzene-d5	82	3.748	3.762	-0.014	94	138535	50.0	36.9	
27 Nitrobenzene	123	3.765	3.777	-0.012	85	54965	50.0	39.8	
28 n,n'-Dimethylaniline	120	3.768	3.780	-0.012	82	163864	50.0	36.0	
29 Isophorone	82	3.951	3.966	-0.015	98	260793	50.0	38.5	
30 2-Nitrophenol	139	4.007	4.019	-0.012	76	58692	50.0	44.9	
31 2,4-Dimethylphenol	122	4.051	4.063	-0.012	86	99967	50.0	37.9	
32 Bis(2-chloroethoxy)methane	93	4.128	4.140	-0.012	94	152034	50.0	36.4	
33 Benzoic acid	122	4.146	4.161	-0.015	89	69543	50.0	43.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.196	4.208	-0.012	89	90601	50.0	40.7	
35 1,2,4-Trichlorobenzene	180	4.261	4.273	-0.012	94	97032	50.0	39.2	
* 36 Naphthalene-d8	136	4.302	4.314	-0.012	99	316133	40.0	40.0	
37 Naphthalene	128	4.320	4.332	-0.012	97	318537	50.0	37.7	
38 4-Chloroaniline	127	4.367	4.379	-0.012	86	122574	50.0	34.2	
39 Hexachlorobutadiene	225	4.423	4.432	-0.009	94	54663	50.0	42.0	
40 Caprolactam	113	4.644	4.656	-0.012	85	16481	20.0	20.0	M
41 4-Chloro-3-methylphenol	107	4.756	4.765	-0.009	93	109996	50.0	39.9	
42 2-Methylnaphthalene	142	4.860	4.869	-0.009	79	218130	50.0	39.1	
43 1-Methylnaphthalene	142	4.933	4.942	-0.009	89	199328	50.0	38.0	
44 Hexachlorocyclopentadiene	237	4.984	4.993	-0.009	86	67095	50.0	43.8	
45 1,2,4,5-Tetrachlorobenzene	216	4.987	4.998	-0.011	94	96902	50.0	39.7	
46 2-tertbutyl-4-methylphenol	149	5.031	5.040	-0.009	86	133924	50.0	39.7	
47 2,4,6-Trichlorophenol	196	5.078	5.090	-0.012	84	68236	50.0	41.0	
48 2,4,5-Trichlorophenol	196	5.108	5.116	-0.008	92	74523	50.0	41.0	
$ 50 2-Fluorobiphenyl	172	5.149	5.158	-0.009	97	222299	50.0	35.7	
51 1,1'-Biphenyl	154	5.223	5.232	-0.009	97	259210	50.0	37.8	
52 2-Chloronaphthalene	162	5.232	5.243	-0.011	94	200002	50.0	37.6	
53 Phenyl ether	170	5.308	5.317	-0.009	89	132983	50.0	37.4	
54 2-Nitroaniline	65	5.317	5.326	-0.009	91	104510	50.0	40.9	
55 1,3-Dimethylnaphthalene	156	5.403	5.411	-0.008	90	161596	50.0	39.2	
56 Dimethyl phthalate	163	5.470	5.482	-0.012	94	240929	50.0	38.9	
57 Coumarin	146	5.473	5.482	-0.009	70	80178	50.0	39.7	
58 2,6-Dinitrotoluene	165	5.512	5.521	-0.009	70	54787	50.0	45.8	
59 Acenaphthylene	152	5.547	5.556	-0.009	96	320712	50.0	38.2	
60 3-Nitroaniline	138	5.633	5.641	-0.008	90	59511	50.0	39.8	
* 61 Acenaphthene-d10	164	5.656	5.665	-0.009	86	167526	40.0	40.0	
62 Acenaphthene	154	5.683	5.692	-0.009	95	188589	50.0	37.7	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.692	5.701	-0.008	95	163258	50.0	38.5	
64 2,4-Dinitrophenol	184	5.715	5.724	-0.009	65	70014	100.0	122.0	
65 4-Nitrophenol	65	5.774	5.783	-0.009	95	132372	100.0	81.7	
67 2,4-Dinitrotoluene	165	5.813	5.821	-0.008	69	74431	50.0	44.4	
66 Dibenzofuran	168	5.816	5.824	-0.008	90	286274	50.0	38.9	
68 2,3,4,6-Tetrachlorophenol	232	5.910	5.919	-0.009	90	60539	50.0	44.8	
69 Diethyl phthalate	149	6.014	6.022	-0.008	96	262545	50.0	39.6	
70 Fluorene	166	6.076	6.084	-0.008	82	237255	50.0	39.1	
71 4-Chlorophenyl phenyl ether	204	6.081	6.090	-0.009	78	109272	50.0	41.0	
72 4-Nitroaniline	138	6.102	6.114	-0.012	63	62078	50.0	40.2	
73 4,6-Dinitro-2-methylphenol	198	6.123	6.134	-0.011	66	81380	100.0	104.5	
74 N-Nitrosodiphenylamine	169	6.176	6.184	-0.008	24	177444	50.0	37.3	
75 1,2-Diphenylhydrazine	77	6.202	6.211	-0.009	44	315003	50.0	34.8	
$ 76 2,4,6-Tribromophenol	330	6.256	6.264	-0.008	94	43976	50.0	44.3	
77 4-Bromophenyl phenyl ether	248	6.450	6.459	-0.009	79	69464	50.0	40.3	
78 Hexachlorobenzene	284	6.486	6.495	-0.009	92	81231	50.0	38.1	
79 Atrazine	200	6.589	6.598	-0.009	82	39341	20.0	22.7	
80 Pentachlorophenol	266	6.642	6.651	-0.009	89	105046	100.0	91.1	
81 Pentachloronitrobenzene	237	6.651	6.660	-0.009	85	33180	50.0	42.7	
82 n-Octadecane	57	6.734	6.743	-0.009	91	281516	50.0	35.2	
* 83 Phenanthrene-d10	188	6.781	6.790	-0.009	99	319870	40.0	40.0	
84 Phenanthrene	178	6.801	6.808	-0.007	99	356837	50.0	37.4	
85 Anthracene	178	6.840	6.846	-0.006	98	372814	50.0	38.0	
87 Carbazole	167	6.964	6.973	-0.009	83	336002	50.0	36.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Di-n-butyl phthalate	149	7.247	7.256	-0.009	99	452800	50.0	37.1	
89 Fluoranthene	202	7.693	7.702	-0.010	97	387552	50.0	38.8	
90 Benzidine	184	7.805	7.814	-0.009	99	190254	50.0	40.7	
91 Pyrene	202	7.861	7.870	-0.009	96	393860	50.0	36.2	
92 Bisphenol-A	213	7.920	7.926	-0.006	96	86354	25.0	20.5	
$ 93 Terphenyl-d14	244	7.994	8.003	-0.009	98	290612	50.0	39.3	
95 Butyl benzyl phthalate	149	8.386	8.395	-0.009	96	201045	50.0	38.1	
97 Carbamazepine	193	8.460	8.472	-0.012	91	172262	50.0	38.7	
99 3,3'-Dichlorobenzidine	252	8.817	8.829	-0.012	98	130943	50.0	35.1	
100 Benzo[a]anthracene	228	8.829	8.841	-0.012	100	371248	50.0	37.4	
* 98 Chrysene-d12	240	8.841	8.850	-0.009	99	288214	40.0	40.0	
101 Chrysene	228	8.864	8.874	-0.010	94	371664	50.0	38.2	
102 Bis(2-ethylhexyl) phthalate	149	8.897	8.906	-0.009	74	299630	50.0	36.1	
103 Di-n-octyl phthalate	149	9.532	9.544	-0.012	96	523370	50.0	42.3	
104 Benzo[b]fluoranthene	252	9.868	9.880	-0.012	97	380060	50.0	43.6	
105 Benzo[k]fluoranthene	252	9.898	9.910	-0.012	99	404719	50.0	44.6	
106 Benzo[a]pyrene	252	10.202	10.217	-0.015	96	335222	50.0	44.3	
* 107 Perylene-d12	264	10.261	10.276	-0.015	98	297016	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.388	11.406	-0.018	95	358304	50.0	45.6	M
109 Dibenz(a,h)anthracene	278	11.421	11.439	-0.018	96	375011	50.0	46.8	
110 Benzo[g,h,i]perylene	276	11.678	11.699	-0.021	96	366251	50.0	40.9	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 12:32:49 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516033.D

Injection Date: 28-Aug-2020 20:40:30 Instrument ID: CBNAMS15 Operator ID:

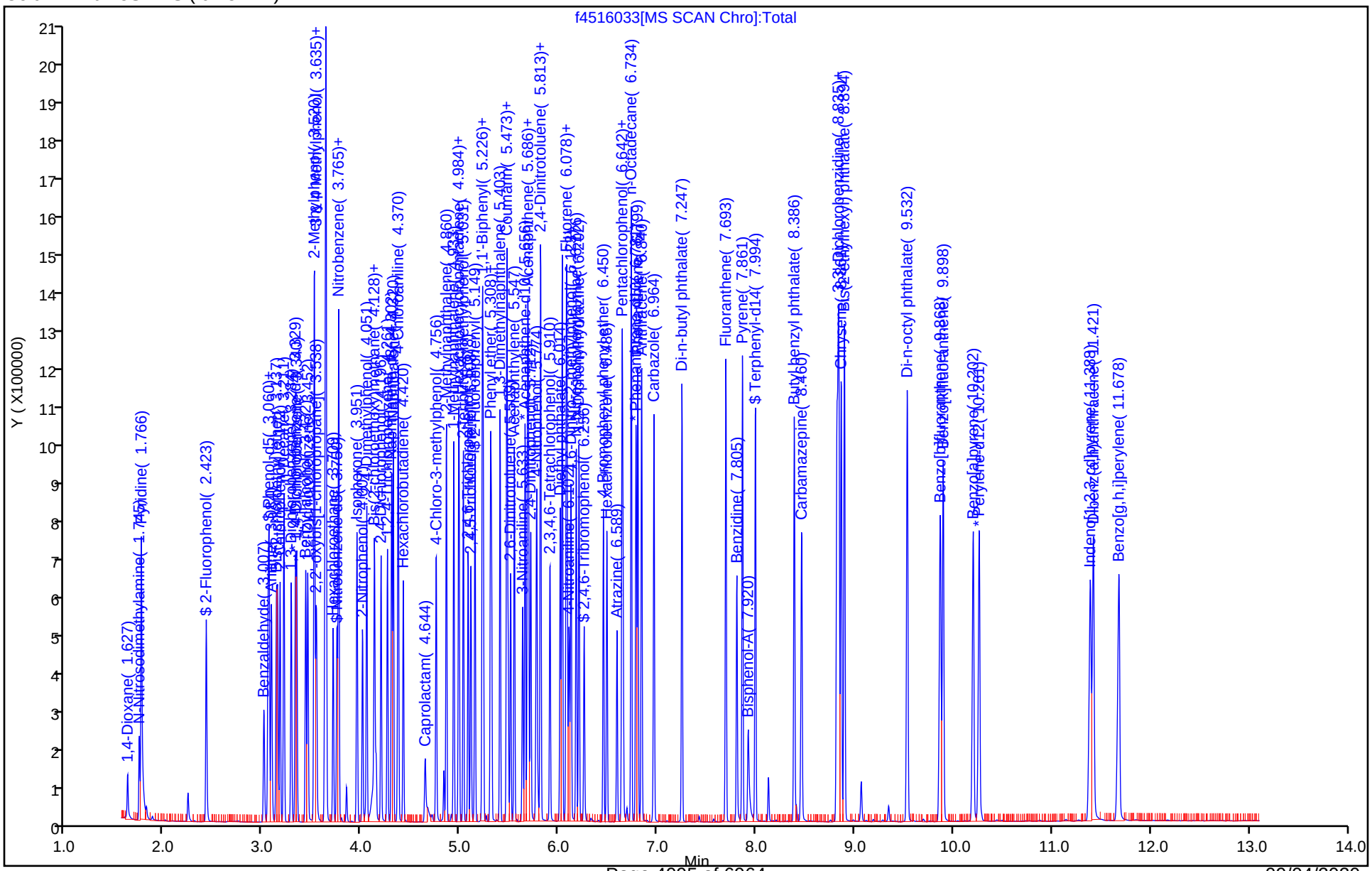
Lims ID: LCSD 460-720271/3-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

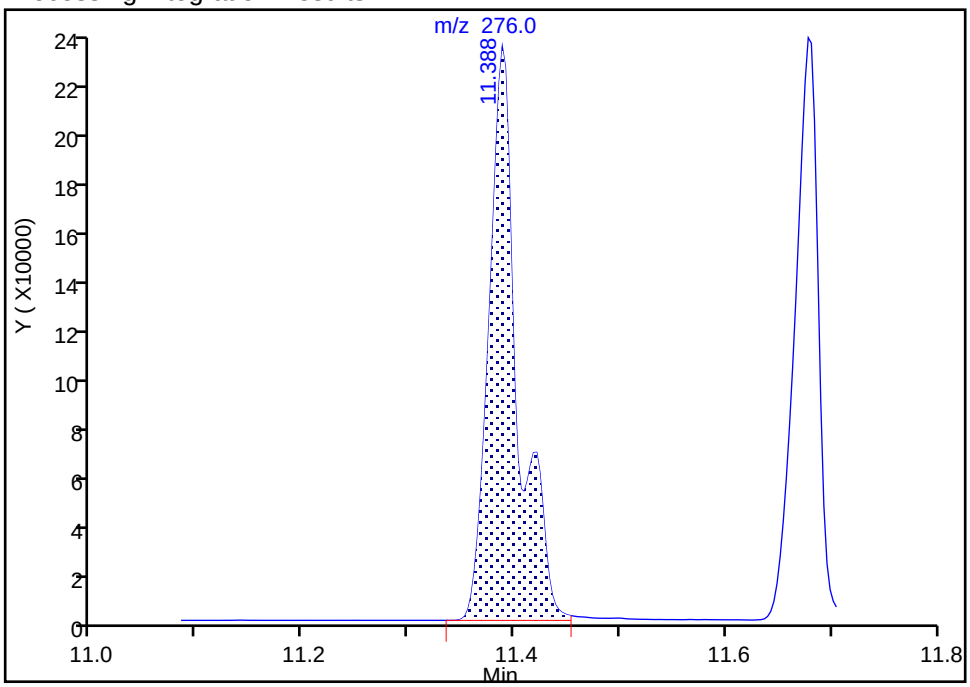
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516033.D				
Injection Date:	28-Aug-2020 20:40:30	Instrument ID:	CBNAMS15		
Lims ID:	LCSD 460-720271/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

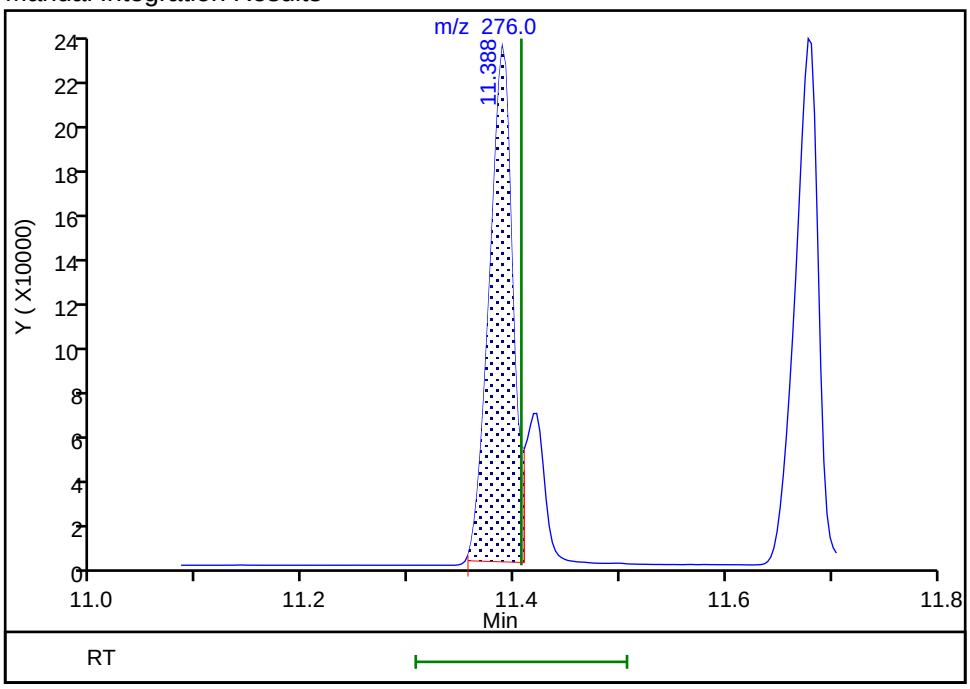
Processing Integration Results

RT: 11.39
Area: 442221
Amount: 56.307892
Amount Units: ug/ml



Manual Integration Results

RT: 11.39
Area: 358304
Amount: 45.622761
Amount Units: ug/ml



Reviewer: hamziy, 28-Aug-2020 20:56:28

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720639/3-A

Matrix: Water Lab File ID: M135673.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 23:23

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	66.0		2.0	0.64
95-50-1	1,2-Dichlorobenzene	60.6		10	1.3
541-73-1	1,3-Dichlorobenzene	57.2		10	2.0
106-46-7	1,4-Dichlorobenzene	58.1		10	1.3
123-91-1	1,4-Dioxane	43.9		10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	58.1		10	0.63
121-14-2	2,4-Dinitrotoluene	79.1		2.0	1.0
606-20-2	2,6-Dinitrotoluene	77.7		2.0	0.83
91-58-7	2-Chloronaphthalene	71.6		10	1.2
91-57-6	2-Methylnaphthalene	72.3		10	1.1
88-74-4	2-Nitroaniline	72.6		10	0.47
91-94-1	3,3'-Dichlorobenzidine	76.2		10	1.4
99-09-2	3-Nitroaniline	75.2		10	1.9
101-55-3	4-Bromophenyl phenyl ether	75.1		10	0.75
106-47-8	4-Chloroaniline	69.4		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	71.8		10	1.3
100-01-6	4-Nitroaniline	76.9		10	1.2
83-32-9	Acenaphthene	74.5		10	1.1
208-96-8	Acenaphthylene	77.2		10	0.82
120-12-7	Anthracene	73.6		10	0.63
56-55-3	Benzo[a]anthracene	67.1		1.0	0.59
50-32-8	Benzo[a]pyrene	85.0		1.0	0.41
205-99-2	Benzo[b]fluoranthene	84.6		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	74.5		10	1.4
207-08-9	Benzo[k]fluoranthene	85.4		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	68.5		10	0.59
111-44-4	Bis(2-chloroethyl)ether	68.8		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	72.5		2.0	1.7
85-68-7	Butyl benzyl phthalate	68.5		10	0.85
86-74-8	Carbazole	74.4		10	0.68
218-01-9	Chrysene	68.5		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	75.8		1.0	0.72
132-64-9	Dibenzofuran	75.9		10	1.1
84-66-2	Diethyl phthalate	74.0		10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720639/3-A

Matrix: Water Lab File ID: M135673.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/30/2020 23:23

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	76.9		10	0.77
84-74-2	Di-n-butyl phthalate	71.2		10	0.84
117-84-0	Di-n-octyl phthalate	75.8		10	4.8
206-44-0	Fluoranthene	72.4		10	0.84
86-73-7	Fluorene	79.2		10	0.91
118-74-1	Hexachlorobenzene	77.3		1.0	0.40
87-68-3	Hexachlorobutadiene	62.2		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	57.7		10	3.6
67-72-1	Hexachloroethane	58.6		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	82.1		2.0	0.94
78-59-1	Isophorone	71.9		10	0.80
91-20-3	Naphthalene	69.0		2.0	1.1
98-95-3	Nitrobenzene	77.4		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	69.8		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	74.3		10	0.89
85-01-8	Phenanthrene	73.9		10	0.58
129-00-0	Pyrene	73.5		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	92		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	89		46-137
1718-51-0	Terphenyl-d14 (Surr)	99		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135673.D
Lims ID: LCSD 460-720639/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 30-Aug-2020 23:23:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-010
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:39:34 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: nimerd Date: 31-Aug-2020 07:58:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.021	1.024	-0.003	98	69563	10.0	5.48	
	2 N-Nitrosodimethylamine	74	1.180	1.180	0.000	87	119593	10.0	6.26	
	3 Pyridine	79	1.196	1.196	0.000	88	324076	20.0	10.2	
$	4 2-Fluorophenol	112	2.118	2.118	0.000	93	157321	10.0	5.10	
	5 Benzaldehyde	77	2.820	2.826	-0.007	95	165507	5.00	5.60	E
	8 Aniline	93	2.942	2.941	0.000	100	367275	10.0	6.61	
$	6 Phenol-d5	99	2.986	2.987	0.000	98	142455	10.0	3.41	
	7 Phenol	94	2.999	3.001	0.000	98	155945	10.0	3.48	
	10 Benzonitrile	103	3.009	3.009	0.000	99	568317	NC	NC	
	9 Bis(2-chloroethyl)ether	93	3.009	3.012	-0.003	92	294841	10.0	8.60	
	11 2-Chlorophenol	128	3.066	3.066	0.000	94	271775	10.0	7.73	
	12 n-Decane	43	3.124	3.124	0.000	92	278858	10.0	5.83	
	13 1,3-Dichlorobenzene	146	3.194	3.194	0.000	96	298909	10.0	7.15	
*	14 1,4-Dichlorobenzene-d4	152	3.255	3.255	0.000	96	201642	8.00	8.00	
	15 1,4-Dichlorobenzene	146	3.271	3.274	-0.003	94	301678	10.0	7.27	
	17 1,2-Dichlorobenzene	146	3.427	3.427	0.000	97	297318	10.0	7.58	
	16 Benzyl alcohol	108	3.437	3.440	-0.003	91	148826	10.0	7.18	
	19 2,2'-oxybis[1-chloropropane]	45	3.568	3.568	0.000	93	460314	10.0	7.26	
	18 2-Methylphenol	108	3.603	3.603	0.000	89	208256	10.0	6.83	
	20 N-Methylaniline	106	3.683	3.683	0.000	95	461862	10.0	8.82	
	21 Acetophenone	105	3.683	3.686	-0.003	94	428093	10.0	8.69	
	22 N-Nitrosodi-n-propylamine	70	3.705	3.704	0.000	89	220433	10.0	8.73	
	25 Hexachloroethane	117	3.759	3.763	-0.004	93	123219	10.0	7.32	
	23 3 & 4 Methylphenol	108	3.766	3.769	-0.003	64	197178	10.0	6.22	
	24 4-Methylphenol	108	3.766	3.769	-0.003	96	196789	10.0	6.22	
$	27 Nitrobenzene-d5	82	3.830	3.830	0.000	90	339258	10.0	8.93	
	28 Nitrobenzene	123	3.849	3.849	0.000	92	149696	10.0	9.68	
	29 n,n'-Dimethylaniline	120	3.855	3.859	-0.004	93	418102	10.0	8.48	
	30 Isophorone	82	4.095	4.095	0.000	99	565620	10.0	8.99	
	32 2-Nitrophenol	139	4.171	4.172	-0.001	88	151587	10.0	8.65	
	33 2,4-Dimethylphenol	122	4.283	4.284	-0.001	90	225476	10.0	8.29	
	34 Bis(2-chloroethoxy)methane	93	4.344	4.343	0.000	95	349826	10.0	8.57	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.411	4.437	-0.026	91	39522	10.0	2.76	
36 2,4-Dichlorophenol	162	4.440	4.443	-0.003	95	246203	10.0	8.70	
37 1,2,4-Trichlorobenzene	180	4.488	4.488	0.000	94	264033	10.0	8.25	
* 38 Naphthalene-d8	136	4.533	4.533	0.000	100	708056	8.00	8.00	
39 Naphthalene	128	4.552	4.552	0.000	99	795256	10.0	8.62	
40 4-Chloroaniline	127	4.644	4.645	-0.001	96	329455	10.0	8.67	
130 2,6-Dichlorophenol	162	4.648	4.651	-0.003	97	245866	NC	NC	
41 Hexachlorobutadiene	225	4.699	4.699	0.000	95	146677	10.0	7.77	
42 Caprolactam	113	4.967	4.967	0.000	87	11083	5.00	1.85	
43 4-Chloro-3-methylphenol	107	5.184	5.184	0.000	97	198857	10.0	7.94	
44 2-Methylnaphthalene	142	5.235	5.236	-0.001	84	537307	10.0	9.04	
45 1-Methylnaphthalene	142	5.325	5.325	0.000	93	483533	10.0	8.73	
46 Hexachlorocyclopentadiene	237	5.398	5.399	-0.001	97	161593	10.0	7.22	
47 1,2,4,5-Tetrachlorobenzene	216	5.401	5.402	-0.001	96	263820	10.0	8.68	
48 2-tertbutyl-4-methylphenol	149	5.504	5.504	0.000	88	305877	10.0	9.14	
49 2,4,6-Trichlorophenol	196	5.542	5.543	0.000	88	163597	10.0	9.13	
50 2,4,5-Trichlorophenol	196	5.590	5.590	0.000	97	169924	10.0	8.69	
$ 51 2-Fluorobiphenyl	172	5.606	5.607	-0.001	97	597139	10.0	9.21	
52 1,1'-Biphenyl	154	5.692	5.693	-0.001	96	633138	10.0	9.24	
53 2-Chloronaphthalene	162	5.696	5.696	0.000	96	499544	10.0	8.95	
54 Phenyl ether	170	5.801	5.802	-0.001	89	326864	10.0	9.03	
55 2-Nitroaniline	65	5.827	5.824	0.000	97	153328	10.0	9.07	
57 1,3-Dimethylnaphthalene	156	5.913	5.913	0.000	89	361161	10.0	9.39	
60 Coumarin	146	6.002	6.003	-0.001	79	168341	10.0	9.25	
59 Dimethyl phthalate	163	6.022	6.022	0.000	98	534275	10.0	9.61	
61 2,6-Dinitrotoluene	165	6.066	6.067	-0.001	95	117424	10.0	9.71	
62 Acenaphthylene	152	6.082	6.083	-0.001	97	756844	10.0	9.65	
* 64 Acenaphthene-d10	164	6.223	6.223	0.000	96	327774	8.00	8.00	
63 3-Nitroaniline	138	6.223	6.223	0.000	92	126761	10.0	9.40	
66 Acenaphthene	154	6.252	6.252	0.000	97	440133	10.0	9.32	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.293	6.297	-0.004	98	355083	10.0	8.41	
67 2,4-Dinitrophenol	184	6.322	6.323	-0.001	93	127075	20.0	17.4	
70 Dibenzofuran	168	6.418	6.419	-0.001	97	678203	10.0	9.49	
69 2,4-Dinitrotoluene	165	6.444	6.444	0.000	93	144136	10.0	9.88	
68 4-Nitrophenol	65	6.482	6.475	0.003	94	62563	20.0	5.75	
72 2,3,4,6-Tetrachlorophenol	232	6.565	6.566	-0.001	93	120786	10.0	8.75	
73 Diethyl phthalate	149	6.693	6.697	-0.004	97	512354	10.0	9.25	
75 Fluorene	166	6.738	6.742	-0.004	94	517917	10.0	9.90	
74 4-Chlorophenyl phenyl ether	204	6.760	6.764	-0.004	86	235931	10.0	8.98	
76 4-Nitroaniline	138	6.802	6.806	-0.004	93	116376	10.0	9.62	
77 4,6-Dinitro-2-methylphenol	198	6.827	6.828	-0.001	82	144691	20.0	17.4	
78 N-Nitrosodiphenylamine	169	6.885	6.886	-0.001	73	356382	10.0	9.28	
79 1,2-Diphenylhydrazine	77	6.907	6.911	-0.004	98	554131	10.0	8.52	
$ 80 2,4,6-Tribromophenol	330	6.975	6.975	0.000	93	94527	10.0	11.7	
81 4-Bromophenyl phenyl ether	248	7.214	7.218	-0.004	93	142957	10.0	9.39	
82 Hexachlorobenzene	284	7.259	7.259	0.000	98	173854	10.0	9.66	
83 Atrazine	200	7.416	7.416	0.000	89	82766	5.00	6.47	E
85 Pentachloronitrobenzene	237	7.467	7.470	-0.003	61	67106	10.0	8.58	
84 Pentachlorophenol	266	7.470	7.470	0.000	91	170000	20.0	19.1	
86 n-Octadecane	57	7.601	7.602	-0.001	92	397707	10.0	9.12	
* 87 Phenanthrene-d10	188	7.611	7.611	0.000	99	522638	8.00	8.00	
88 Phenanthrene	178	7.633	7.634	-0.001	98	689129	10.0	9.23	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	7.678	7.682	-0.004	97	697334	10.0	9.20	
90 Carbazole	167	7.857	7.861	-0.004	96	607974	10.0	9.30	
91 Di-n-butyl phthalate	149	8.234	8.237	-0.003	99	759890	10.0	8.90	
92 Fluoranthene	202	8.741	8.745	-0.004	97	650816	10.0	9.05	
93 Benzidine	184	8.907	8.907	-0.004	99	321478	10.0	8.48	
94 Pyrene	202	8.946	8.946	0.000	96	673872	10.0	9.19	
95 Bisphenol-A	213	9.086	9.091	-0.001	97	100356	5.00	3.18	M
$ 96 Terphenyl-d14	244	9.138	9.138	0.000	98	461743	10.0	9.93	
97 Butyl benzyl phthalate	149	9.629	9.629	-0.004	97	277337	10.0	8.57	
99 Carbamazepine	193	9.697	9.697	0.000	92	205862	10.0	7.99	
101 Benzo[a]anthracene	228	10.077	10.081	-0.004	99	526369	10.0	8.39	
* 102 Chrysene-d12	240	10.086	10.087	-0.001	98	371002	8.00	8.00	
100 3,3'-Dichlorobenzidine	252	10.090	10.093	-0.003	99	219915	10.0	9.52	
104 Chrysene	228	10.109	10.109	0.000	97	538738	10.0	8.57	
103 Bis(2-ethylhexyl) phthalate	149	10.198	10.202	-0.004	85	407738	10.0	9.06	
105 Di-n-octyl phthalate	149	10.869	10.870	-0.001	96	656979	10.0	9.47	
106 Benzo[b]fluoranthene	252	11.179	11.180	-0.001	98	527501	10.0	10.6	
107 Benzo[k]fluoranthene	252	11.208	11.206	-0.004	98	582517	10.0	10.7	
108 Benzo[a]pyrene	252	11.540	11.544	-0.004	95	474248	10.0	10.6	
* 109 Perylene-d12	264	11.607	11.611	-0.004	98	361538	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	12.904	12.908	-0.004	97	518592	10.0	10.3	
111 Dibenz(a,h)anthracene	278	12.946	12.950	-0.004	97	477835	10.0	9.48	
112 Benzo[g,h,i]perylene	276	13.224	13.225	-0.001	95	560517	10.0	9.31	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 08:40:05 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135673.D

Injection Date: 30-Aug-2020 23:23:30 Instrument ID: CBNAMS17 Operator ID:

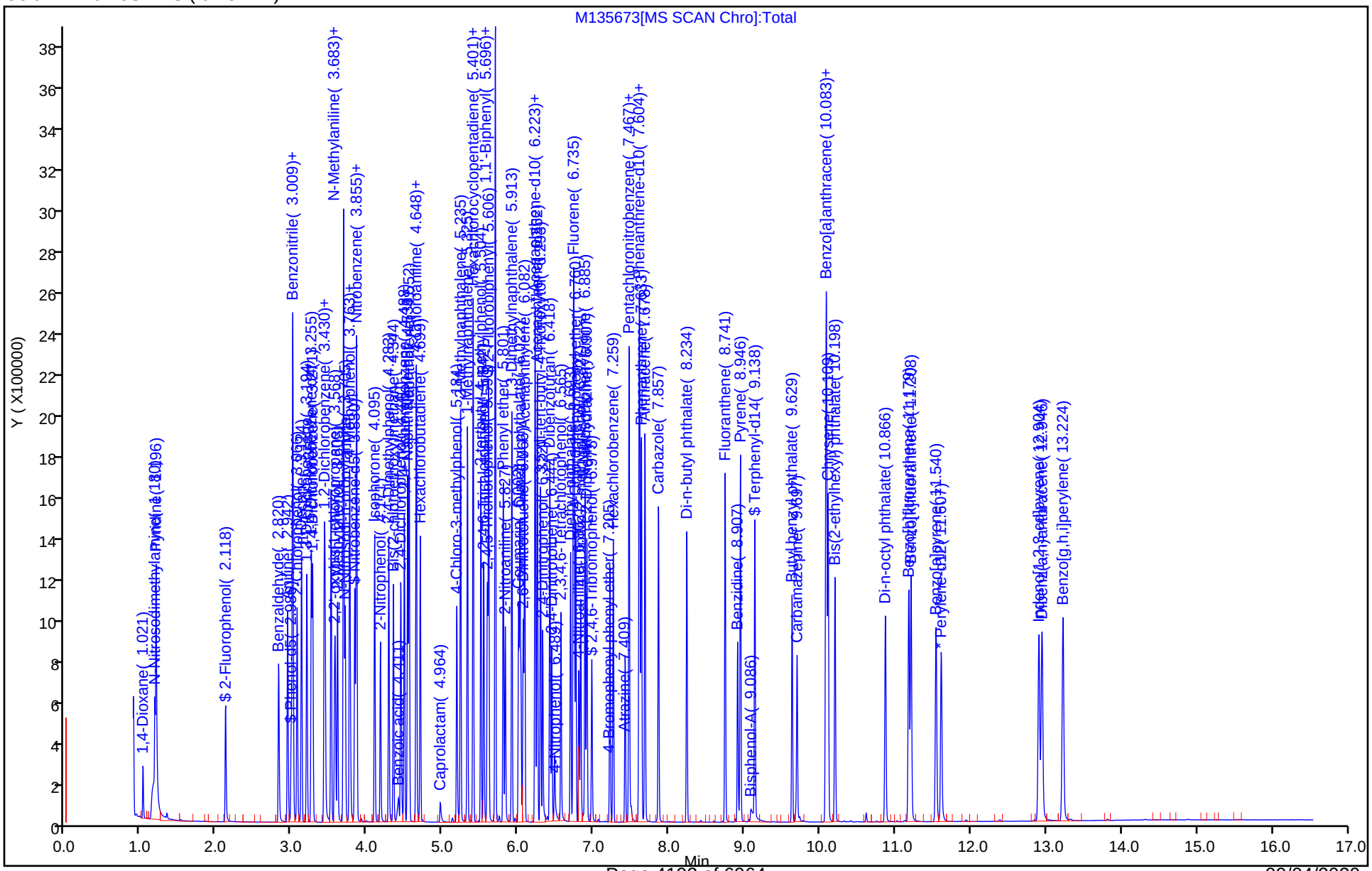
Lims ID: LCSD 460-720639/3-A Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_17 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720963/3-A

Matrix: Solid Lab File ID: X28733.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.47		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.33		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.30		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.29		0.33	0.013
123-91-1	1,4-Dioxane	1.68		0.10	0.0091
108-60-1	2,2'-oxybis[1-chloropropane]	2.41		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	2.55		0.067	0.036
606-20-2	2,6-Dinitrotoluene	2.56		0.067	0.024
91-58-7	2-Chloronaphthalene	2.47		0.33	0.015
91-57-6	2-Methylnaphthalene	2.43		0.33	0.0093
88-74-4	2-Nitroaniline	2.44		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	1.88		0.13	0.050
99-09-2	3-Nitroaniline	2.37		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.54		0.33	0.013
106-47-8	4-Chloroaniline	2.14		0.33	0.023
7005-72-3	4-Chlorophenyl phenyl ether	2.57		0.33	0.012
100-01-6	4-Nitroaniline	2.39		0.33	0.038
83-32-9	Acenaphthene	2.50		0.33	0.024
208-96-8	Acenaphthylene	2.52		0.33	0.0034
120-12-7	Anthracene	2.42		0.33	0.010
56-55-3	Benzo[a]anthracene	2.32		0.033	0.012
50-32-8	Benzo[a]pyrene	2.70		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.77		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.81		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.55		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.35		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.43		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.33		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.40		0.33	0.016
86-74-8	Carbazole	2.37		0.33	0.013
218-01-9	Chrysene	2.45		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	2.85		0.033	0.014
132-64-9	Dibenzofuran	2.50		0.33	0.0046
84-66-2	Diethyl phthalate	2.45		0.33	0.0048

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720963/3-A

Matrix: Solid Lab File ID: X28733.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/31/2020 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/01/2020 14:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721108 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.47		0.33	0.075
84-74-2	Di-n-butyl phthalate	2.35		0.33	0.058
117-84-0	Di-n-octyl phthalate	2.64		0.33	0.018
206-44-0	Fluoranthene	2.35		0.33	0.012
86-73-7	Fluorene	2.48		0.33	0.0045
118-74-1	Hexachlorobenzene	2.48		0.033	0.016
87-68-3	Hexachlorobutadiene	2.44		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.48		0.33	0.029
67-72-1	Hexachloroethane	2.28		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	2.83		0.033	0.013
78-59-1	Isophorone	2.40		0.13	0.096
91-20-3	Naphthalene	2.39		0.33	0.0057
98-95-3	Nitrobenzene	2.51		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.41		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.44		0.33	0.0063
85-01-8	Phenanthrene	2.45		0.33	0.0058
129-00-0	Pyrene	2.49		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	72		19-105
1718-51-0	Terphenyl-d14 (Surr)	86		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28733.d
Lims ID: LCSD 460-720963/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Sep-2020 14:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116118-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 12:39:28 Calib Date: 25-Aug-2020 15:22:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20200825-115728.b\X28531.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: eisam Date: 01-Sep-2020 19:35:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.881	1.875	0.006	84	6452	50.0	25.1	
2 N-Nitrosodimethylamine	74	2.104	2.104	0.000	55	14601	50.0	35.1	
3 Pyridine	79	2.146	2.146	0.000	62	38979	100.0	52.3	
$ 4 2-Fluorophenol	112	3.281	3.275	0.006	93	34425	50.0	39.0	
5 Benzaldehyde	77	4.098	4.098	0.000	80	9443	20.0	15.2	
$ 6 Phenol-d5	99	4.163	4.163	0.000	90	39816	50.0	38.8	
7 Phenol	94	4.175	4.175	0.000	92	41152	50.0	38.5	
8 Aniline	93	4.198	4.198	0.000	39	43542	50.0	34.1	
9 Bis(2-chloroethyl)ether	93	4.251	4.251	0.000	86	27843	50.0	36.4	
10 Benzonitrile	103	4.275	4.275	0.000	93	61039	NC	NC	
11 2-Chlorophenol	128	4.322	4.316	0.006	90	38312	50.0	37.3	
12 n-Decane	43	4.363	4.363	0.000	84	50537	50.0	31.8	
13 1,3-Dichlorobenzene	146	4.463	4.463	0.000	96	37474	50.0	34.4	
* 14 1,4-Dichlorobenzene-d4	152	4.516	4.516	0.000	95	27569	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.528	4.528	0.000	91	38163	50.0	34.4	
16 Benzyl alcohol	108	4.639	4.640	-0.001	89	21713	50.0	36.9	
17 1,2-Dichlorobenzene	146	4.675	4.675	0.000	92	36662	50.0	35.0	
18 2-Methylphenol	108	4.745	4.745	0.000	84	31373	50.0	38.8	
19 2,2'-oxybis[1-chloropropane]	45	4.763	4.769	-0.006	88	76502	50.0	36.2	
20 N-Methylaniline	106	4.887	4.887	0.000	66	50318	50.0	36.2	
22 N-Nitrosodi-n-propylamine	70	4.892	4.893	0.000	80	19644	50.0	36.2	
21 Acetophenone	105	4.892	4.893	0.000	73	44475	50.0	34.4	
23 3 & 4 Methylphenol	108	4.892	4.893	0.000	68	35043	50.0	37.2	
24 4-Methylphenol	108	4.892	4.893	0.000	72	35043	50.0	37.2	
25 Hexachloroethane	117	4.998	4.998	0.000	89	13338	50.0	34.1	
$ 26 Nitrobenzene-d5	82	5.034	5.034	0.000	88	31344	50.0	35.8	
28 Nitrobenzene	123	5.057	5.057	0.000	75	17040	50.0	37.7	
27 n,n'-Dimethylaniline	120	5.057	5.057	0.000	84	50247	50.0	34.8	
31 Isophorone	82	5.281	5.281	0.000	91	52684	50.0	36.1	
32 2-Nitrophenol	139	5.357	5.357	0.000	88	20117	50.0	37.3	
33 2,4-Dimethylphenol	122	5.398	5.398	0.000	90	31904	50.0	37.1	
34 Bis(2-chloroethoxy)methane	93	5.481	5.481	0.000	94	33522	50.0	35.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.498	5.498	0.000	87	22514	50.0	36.6	
36 2,4-Dichlorophenol	162	5.586	5.587	-0.001	94	31111	50.0	39.1	
37 1,2,4-Trichlorobenzene	180	5.669	5.669	0.000	94	32235	50.0	37.1	
* 38 Naphthalene-d8	136	5.722	5.722	0.000	96	112009	40.0	40.0	
39 Naphthalene	128	5.739	5.740	0.000	98	102590	50.0	35.9	
40 4-Chloroaniline	127	5.786	5.787	-0.001	85	39664	50.0	32.1	
130 2,6-Dichlorophenol	162	5.798	5.798	0.000	92	30426	NC	NC	
41 Hexachlorobutadiene	225	5.863	5.863	0.000	91	18766	50.0	36.6	
42 Caprolactam	113	6.110	6.110	0.000	78	3849	20.0	17.1	M
43 4-Chloro-3-methylphenol	107	6.251	6.251	0.000	89	28658	50.0	37.4	
44 2-Methylnaphthalene	142	6.392	6.392	0.000	78	71215	50.0	36.5	
45 1-Methylnaphthalene	142	6.486	6.487	0.000	80	65569	50.0	35.9	
46 Hexachlorocyclopentadiene	237	6.551	6.551	0.000	83	23075	50.0	37.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.557	6.557	0.000	95	32253	50.0	38.0	
48 2-tertbutyl-4-methylphenol	149	6.586	6.587	0.000	69	46234	50.0	38.5	
49 2,4,6-Trichlorophenol	196	6.663	6.663	0.000	89	22521	50.0	39.8	
50 2,4,5-Trichlorophenol	196	6.698	6.698	0.000	87	24965	50.0	38.1	
$ 51 2-Fluorobiphenyl	172	6.739	6.739	0.000	90	75941	50.0	37.9	
52 1,1'-Biphenyl	154	6.833	6.834	-0.001	95	84824	50.0	37.6	
53 2-Chloronaphthalene	162	6.851	6.857	-0.006	96	63932	50.0	37.1	
54 Phenyl ether	170	6.933	6.934	-0.001	85	45170	50.0	39.6	
56 2-Nitroaniline	65	6.945	6.945	0.000	91	21922	50.0	36.6	
57 1,3-Dimethylnaphthalene	156	7.063	7.063	0.000	89	53910	50.0	40.2	
58 Dimethyl phthalate	163	7.122	7.122	0.000	98	75434	50.0	37.0	
59 Coumarin	146	7.145	7.145	0.000	72	25250	50.0	36.6	
60 2,6-Dinitrotoluene	165	7.175	7.175	0.000	10	16915	50.0	38.3	
61 Acenaphthylene	152	7.245	7.245	0.000	97	99468	50.0	37.7	
64 3-Nitroaniline	138	7.333	7.334	0.000	92	18713	50.0	35.6	
* 65 Acenaphthene-d10	164	7.380	7.381	-0.001	94	54609	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.398	7.398	0.000	95	57053	50.0	37.8	
67 Acenaphthene	154	7.410	7.410	0.000	92	72086	50.0	37.5	
68 2,4-Dinitrophenol	184	7.433	7.433	0.000	71	21857	100.0	70.5	a
69 4-Nitrophenol	65	7.504	7.504	0.000	85	26592	100.0	69.0	
70 2,4-Dinitrotoluene	165	7.557	7.557	0.000	88	23206	50.0	38.3	
71 Dibenzofuran	168	7.575	7.575	0.000	91	89615	50.0	37.5	
72 2,3,4,6-Tetrachlorophenol	232	7.692	7.692	0.000	89	19739	50.0	37.6	
73 Diethyl phthalate	149	7.786	7.786	0.000	97	76578	50.0	36.8	
74 4-Chlorophenyl phenyl ether	204	7.892	7.892	0.000	72	35091	50.0	38.6	
75 Fluorene	166	7.892	7.892	0.000	81	72238	50.0	37.2	
76 4-Nitroaniline	138	7.916	7.916	0.000	87	20061	50.0	35.8	
77 4,6-Dinitro-2-methylphenol	198	7.945	7.951	0.000	59	26391	100.0	76.1	
78 N-Nitrosodiphenylamine	169	8.004	8.009	0.000	96	52089	50.0	36.7	
79 1,2-Diphenylhydrazine	77	8.039	8.045	0.000	87	55487	50.0	36.2	
$ 80 2,4,6-Tribromophenol	330	8.122	8.122	0.000	92	14935	50.0	40.3	
81 4-Bromophenyl phenyl ether	248	8.351	8.357	0.000	88	21852	50.0	38.1	
83 Hexachlorobenzene	284	8.422	8.427	0.000	93	25182	50.0	37.2	
84 Atrazine	200	8.504	8.510	0.000	85	9495	20.0	16.9	
85 Pentachlorophenol	266	8.604	8.610	0.000	83	31042	100.0	72.9	
86 Pentachloronitrobenzene	237	8.616	8.627	-0.006	81	11314	50.0	38.1	
87 n-Octadecane	57	8.680	8.686	0.000	91	58541	50.0	37.2	
* 88 Phenanthrene-d10	188	8.775	8.775	0.000	98	97804	40.0	40.0	
89 Phenanthrene	178	8.798	8.804	0.000	96	107727	50.0	36.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.845	8.851	0.000	97	109812	50.0	36.3	
91 Carbazole	167	8.998	9.004	0.000	83	96091	50.0	35.5	
92 Di-n-butyl phthalate	149	9.327	9.334	0.000	99	121970	50.0	35.2	
93 Fluoranthene	202	9.922	9.928	0.000	98	112738	50.0	35.3	
94 Benzidine	184	10.045	10.050	0.000	98	63752	50.0	35.3	
95 Pyrene	202	10.133	10.139	0.000	97	116060	50.0	37.3	
82 Bisphenol-A	213	10.180	10.186	0.000	85	28897	25.0	19.0	
$ 96 Terphenyl-d14	244	10.286	10.292	0.000	97	92649	50.0	43.2	
97 Butyl benzyl phthalate	149	10.786	10.792	0.000	92	50341	50.0	36.0	
99 Carbamazepine	193	10.898	10.910	-0.006	90	46322	50.0	36.2	
100 3,3'-Dichlorobenzidine	252	11.374	11.380	0.000	99	31956	50.0	28.2	
101 Benzo[a]anthracene	228	11.398	11.410	-0.006	98	102623	50.0	34.8	
* 102 Chrysene-d12	240	11.416	11.416	0.000	97	82752	40.0	40.0	
103 Chrysene	228	11.445	11.451	0.000	94	102813	50.0	36.8	
104 Bis(2-ethylhexyl) phthalate	149	11.451	11.457	0.000	84	71132	50.0	34.9	
105 Di-n-octyl phthalate	149	12.292	12.303	0.000	93	127675	50.0	39.6	
106 Benzo[b]fluoranthene	252	12.792	12.804	-0.006	96	116643	50.0	41.5	
107 Benzo[k]fluoranthene	252	12.833	12.850	-0.006	95	107366	50.0	38.2	
108 Benzo[a]pyrene	252	13.251	13.262	0.000	95	97434	50.0	40.5	
* 109 Perylene-d12	264	13.333	13.333	0.000	98	91588	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.946	-0.006	95	125726	50.0	42.5	
111 Dibenz(a,h)anthracene	278	14.968	14.982	0.000	95	120231	50.0	42.7	
112 Benzo[g,h,i]perylene	276	15.380	15.400	-0.006	89	121253	50.0	42.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2020 12:39:29 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20200901-116118.b\X28733.d

Injection Date: 01-Sep-2020 14:47:30 Instrument ID: CBNAMS5 Operator ID:

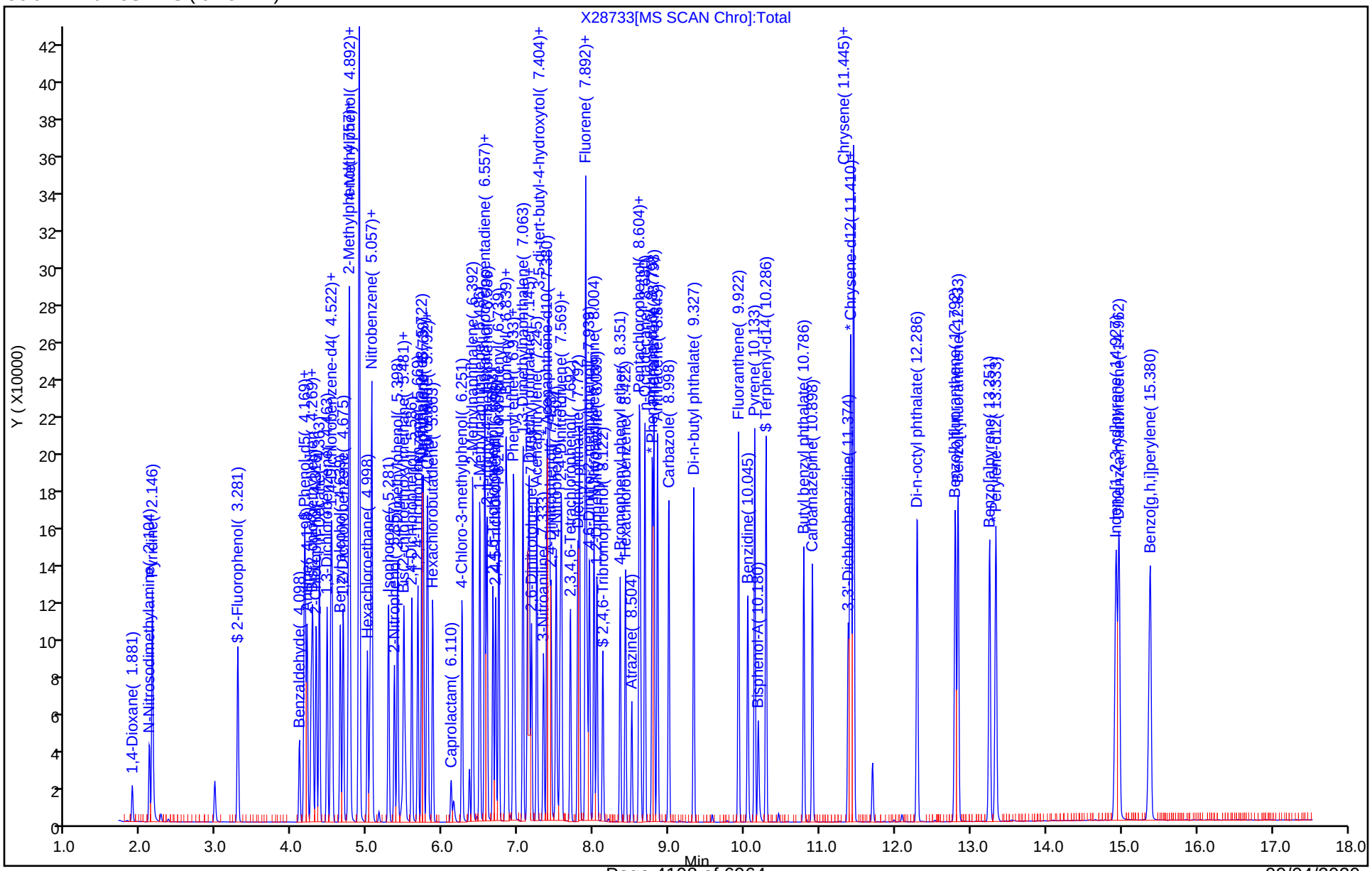
Lims ID: LCSD 460-720963/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721059/3-A

Matrix: Water Lab File ID: N927253a.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 20:20

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	66.4		2.0	0.64
95-50-1	1,2-Dichlorobenzene	62.9		10	1.3
541-73-1	1,3-Dichlorobenzene	57.6		10	2.0
106-46-7	1,4-Dichlorobenzene	59.4		10	1.3
123-91-1	1,4-Dioxane	41.6		10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	62.6		10	0.63
121-14-2	2,4-Dinitrotoluene	95.4		2.0	1.0
606-20-2	2,6-Dinitrotoluene	87.6		2.0	0.83
91-58-7	2-Chloronaphthalene	71.3		10	1.2
91-57-6	2-Methylnaphthalene	73.1		10	1.1
88-74-4	2-Nitroaniline	76.8		10	0.47
91-94-1	3,3'-Dichlorobenzidine	85.5		10	1.4
99-09-2	3-Nitroaniline	82.6		10	1.9
101-55-3	4-Bromophenyl phenyl ether	74.9		10	0.75
106-47-8	4-Chloroaniline	71.0		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	76.9		10	1.3
100-01-6	4-Nitroaniline	90.2		10	1.2
83-32-9	Acenaphthene	77.8		10	1.1
208-96-8	Acenaphthylene	75.8		10	0.82
120-12-7	Anthracene	75.9		10	0.63
56-55-3	Benzo[a]anthracene	71.9		1.0	0.59
50-32-8	Benzo[a]pyrene	82.4		1.0	0.41
205-99-2	Benzo[b]fluoranthene	82.5		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	87.8		10	1.4
207-08-9	Benzo[k]fluoranthene	82.2		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	72.9		10	0.59
111-44-4	Bis(2-chloroethyl)ether	70.5		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	84.8		2.0	1.7
85-68-7	Butyl benzyl phthalate	76.4		10	0.85
86-74-8	Carbazole	77.9		10	0.68
218-01-9	Chrysene	75.0		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	90.1		1.0	0.72
132-64-9	Dibenzofuran	76.7		10	1.1
84-66-2	Diethyl phthalate	77.8		10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-721059/3-A

Matrix: Water Lab File ID: N927253a.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 09/01/2020 09:47

Sample wt/vol: 250(mL) Date Analyzed: 09/01/2020 20:20

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 721182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	79.4		10	0.77
84-74-2	Di-n-butyl phthalate	76.4		10	0.84
117-84-0	Di-n-octyl phthalate	88.1		10	4.8
206-44-0	Fluoranthene	83.1		10	0.84
86-73-7	Fluorene	77.5		10	0.91
118-74-1	Hexachlorobenzene	76.7		1.0	0.40
87-68-3	Hexachlorobutadiene	39.0		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	39.9		10	3.6
67-72-1	Hexachloroethane	42.2		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	92.4		2.0	0.94
78-59-1	Isophorone	75.4		10	0.80
91-20-3	Naphthalene	72.6		2.0	1.1
98-95-3	Nitrobenzene	75.6		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	70.7		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	74.1		10	0.89
85-01-8	Phenanthrene	75.1		10	0.58
129-00-0	Pyrene	62.0		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	90		46-137
1718-51-0	Terphenyl-d14 (Surr)	87		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927253a.d
Lims ID: LCSD 460-721059/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Sep-2020 20:20:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116129-006
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\8270LVI_14.m
Limit Group: SV 8270D ICAL
Last Update: 02-Sep-2020 14:21:00 Calib Date: 30-Jul-2020 17:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20200730-114200.b\N92374.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1014

First Level Reviewer: eisam Date: 01-Sep-2020 21:05:00

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.928	1.922	0.006	98	60700	10.0	5.20	
	2 N-Nitrosodimethylamine	74	2.134	2.128	0.006	89	89339	10.0	5.44	
	3 Pyridine	79	2.181	2.169	0.012	88	189092	20.0	6.86	
$	4 2-Fluorophenol	112	3.240	3.240	0.000	96	131185	10.0	4.62	
	5 Benzaldehyde	77	4.046	4.046	0.000	95	141443	5.00	5.76	E
$	6 Phenol-d5	99	4.104	4.104	0.000	94	101881	10.0	3.04	a
	7 Phenol	94	4.116	4.122	-0.006	97	113000	10.0	3.28	
	8 Aniline	93	4.146	4.146	0.000	98	288226	10.0	6.72	
	9 Bis(2-chloroethyl)ether	93	4.198	4.198	0.000	95	256047	10.0	8.82	
	10 Benzonitrile	103	4.222	4.222	0.000	98	506272	NC	NC	
	11 2-Chlorophenol	128	4.263	4.263	0.000	97	240118	10.0	8.06	
	12 n-Decane	43	4.304	4.304	0.000	92	49877	10.0	1.30	
	13 1,3-Dichlorobenzene	146	4.410	4.410	0.000	97	257463	10.0	7.20	
*	14 1,4-Dichlorobenzene-d4	152	4.463	4.457	0.006	94	180356	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.475	4.475	0.000	96	268762	10.0	7.43	
	16 Benzyl alcohol	108	4.587	4.587	0.000	94	125979	10.0	7.31	
	17 1,2-Dichlorobenzene	146	4.622	4.622	0.000	98	265733	10.0	7.86	
	18 2-Methylphenol	108	4.698	4.693	0.005	91	171382	10.0	7.05	
	19 2,2'-oxybis[1-chloropropane]	45	4.716	4.710	0.006	95	356436	10.0	7.83	
	20 N-Methylaniline	106	4.834	4.828	0.006	93	399847	10.0	9.00	
	22 N-Nitrosodi-n-propylamine	70	4.840	4.840	0.000	78	177138	10.0	8.84	
	21 Acetophenone	105	4.840	4.840	0.000	92	356683	10.0	9.21	
	24 4-Methylphenol	108	4.840	4.840	0.000	77	180856	10.0	6.49	
	23 3 & 4 Methylphenol	108	4.840	4.840	0.000	92	180856	10.0	6.49	
	25 Hexachloroethane	117	4.945	4.946	-0.001	91	70062	10.0	5.28	
$	27 Nitrobenzene-d5	82	4.987	4.981	0.006	86	260087	10.0	9.03	
	28 Nitrobenzene	123	5.004	5.004	0.000	93	129535	10.0	9.45	
	29 n,n'-Dimethylaniline	120	5.004	5.004	0.000	93	398670	10.0	8.93	
	30 Isophorone	82	5.228	5.228	0.000	99	441381	10.0	9.42	
	32 2-Nitrophenol	139	5.304	5.304	0.000	96	141217	10.0	10.8	
	33 2,4-Dimethylphenol	122	5.345	5.345	0.000	92	199887	10.0	8.65	
	34 Bis(2-chloroethoxy)methane	93	5.434	5.428	0.006	99	283371	10.0	9.12	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.416	5.434	-0.018	88	35685	10.0	5.31	
36 2,4-Dichlorophenol	162	5.540	5.534	0.006	97	221547	10.0	9.37	
37 1,2,4-Trichlorobenzene	180	5.616	5.616	0.000	94	230396	10.0	8.30	
* 38 Naphthalene-d8	136	5.669	5.669	0.000	99	610578	8.00	8.00	
39 Naphthalene	128	5.692	5.687	0.005	99	711514	10.0	9.07	
40 4-Chloroaniline	127	5.740	5.740	0.000	97	283695	10.0	8.87	
130 2,6-Dichlorophenol	162	5.751	5.751	0.000	98	218639	NC	NC	
41 Hexachlorobutadiene	225	5.816	5.816	0.000	98	80609	10.0	4.87	
42 Caprolactam	113	6.063	6.057	0.006	92	10990	5.00	2.38	
43 4-Chloro-3-methylphenol	107	6.204	6.204	0.000	95	172879	10.0	8.77	
44 2-Methylnaphthalene	142	6.345	6.345	0.000	84	482949	10.0	9.14	
45 1-Methylnaphthalene	142	6.439	6.440	-0.001	92	441155	10.0	8.93	
46 Hexachlorocyclopentadiene	237	6.504	6.504	0.000	97	104183	10.0	4.98	
47 1,2,4,5-Tetrachlorobenzene	216	6.510	6.510	0.000	99	241827	10.0	8.36	
48 2-tertbutyl-4-methylphenol	149	6.539	6.540	-0.001	92	324129	10.0	9.90	
49 2,4,6-Trichlorophenol	196	6.616	6.616	0.000	93	171342	10.0	10.2	
50 2,4,5-Trichlorophenol	196	6.651	6.651	0.000	98	175828	10.0	9.48	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	494625	10.0	8.22	
52 1,1'-Biphenyl	154	6.787	6.787	0.000	95	587280	10.0	9.09	
53 2-Chloronaphthalene	162	6.804	6.804	0.000	99	448590	10.0	8.91	
54 Phenyl ether	170	6.887	6.887	-0.001	86	325834	10.0	9.51	
55 2-Nitroaniline	65	6.904	6.898	0.006	97	142558	10.0	9.60	
57 1,3-Dimethylnaphthalene	156	7.016	7.010	0.006	93	355620	10.0	9.36	
59 Dimethyl phthalate	163	7.075	7.075	0.000	99	493191	10.0	9.92	
60 Coumarin	146	7.098	7.092	0.006	79	157519	10.0	10.4	
61 2,6-Dinitrotoluene	165	7.128	7.128	0.000	95	114205	10.0	10.9	
62 Acenaphthylene	152	7.198	7.198	0.000	98	677552	10.0	9.47	
63 3-Nitroaniline	138	7.292	7.287	0.005	96	106666	10.0	10.3	
* 64 Acenaphthene-d10	164	7.334	7.334	0.000	98	300785	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.351	7.351	0.000	96	413143	10.0	8.84	
66 Acenaphthene	154	7.363	7.363	0.000	95	466122	10.0	9.72	
67 2,4-Dinitrophenol	184	7.386	7.387	-0.001	93	121688	20.0	27.9	
68 4-Nitrophenol	65	7.451	7.457	-0.006	90	48177	20.0	7.09	
69 2,4-Dinitrotoluene	165	7.510	7.510	0.000	98	145767	10.0	11.9	
70 Dibenzofuran	168	7.528	7.522	0.006	96	631529	10.0	9.58	
72 2,3,4,6-Tetrachlorophenol	232	7.645	7.645	0.000	97	138697	10.0	10.9	
73 Diethyl phthalate	149	7.745	7.739	0.006	99	458929	10.0	9.72	
74 4-Chlorophenyl phenyl ether	204	7.845	7.845	0.000	78	247409	10.0	9.61	
75 Fluorene	166	7.845	7.845	0.000	94	491386	10.0	9.69	
76 4-Nitroaniline	138	7.869	7.863	0.006	88	107561	10.0	11.3	
77 4,6-Dinitro-2-methylphenol	198	7.892	7.892	0.000	93	160183	20.0	27.7	
78 N-Nitrosodiphenylamine	169	7.957	7.957	0.000	97	361757	10.0	9.27	
79 1,2-Diphenylhydrazine	77	7.998	7.992	0.006	94	421650	10.0	8.11	
$ 80 2,4,6-Tribromophenol	330	8.075	8.075	0.000	90	109347	10.0	12.6	
81 4-Bromophenyl phenyl ether	248	8.310	8.304	0.006	97	159568	10.0	9.37	
82 Hexachlorobenzene	284	8.375	8.375	0.000	94	185610	10.0	9.59	
83 Atrazine	200	8.463	8.457	0.006	95	111814	5.00	8.60	E
84 Pentachlorophenol	266	8.557	8.557	0.000	95	217924	20.0	23.3	
85 Pentachloronitrobenzene	237	8.575	8.569	0.006	91	71738	10.0	10.9	
86 n-Octadecane	57	8.633	8.634	-0.001	92	287766	10.0	7.41	
* 87 Phenanthrene-d10	188	8.733	8.728	0.005	98	504660	8.00	8.00	
88 Phenanthrene	178	8.751	8.751	0.000	97	691006	10.0	9.39	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.798	8.798	0.000	99	717489	10.0	9.48	
90 Carbazole	167	8.951	8.951	0.000	96	580194	10.0	9.74	
91 Di-n-butyl phthalate	149	9.286	9.286	0.000	99	684618	10.0	9.55	
92 Fluoranthene	202	9.875	9.875	0.000	98	713623	10.0	10.4	
93 Benzidine	184	10.004	9.998	0.006	99	142224	10.0	4.88	
94 Pyrene	202	10.092	10.092	0.000	98	719414	10.0	7.76	
95 Bisphenol-A	213	10.145	10.151	-0.006	98	123484	5.00	4.28	
$ 96 Terphenyl-d14	244	10.245	10.239	0.006	98	583407	10.0	8.72	
97 Butyl benzyl phthalate	149	10.739	10.739	0.000	95	271710	10.0	9.55	
99 Carbamazepine	193	10.857	10.851	0.006	93	282090	10.0	12.2	
100 3,3'-Dichlorobenzidine	252	11.322	11.322	0.000	98	277947	10.0	10.7	
101 Benzo[a]anthracene	228	11.345	11.345	0.000	98	660489	10.0	8.99	
* 102 Chrysene-d12	240	11.357	11.357	0.000	99	422184	8.00	8.00	
104 Chrysene	228	11.392	11.386	0.006	98	654862	10.0	9.38	
103 Bis(2-ethylhexyl) phthalate	149	11.398	11.398	0.000	87	410254	10.0	10.6	
105 Di-n-octyl phthalate	149	12.227	12.222	0.005	96	734650	10.0	11.0	
106 Benzo[b]fluoranthene	252	12.721	12.716	0.005	98	741856	10.0	10.3	
107 Benzo[k]fluoranthene	252	12.757	12.757	0.000	98	765749	10.0	10.3	
108 Benzo[a]pyrene	252	13.168	13.169	0.000	98	641063	10.0	10.3	
* 109 Perylene-d12	264	13.251	13.245	0.006	100	473908	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.815	14.810	0.005	98	907799	10.0	11.6	
111 Dibenz(a,h)anthracene	278	14.851	14.845	0.006	98	866850	10.0	11.3	
112 Benzo[g,h,i]perylene	276	15.251	15.245	0.006	98	888377	10.0	11.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

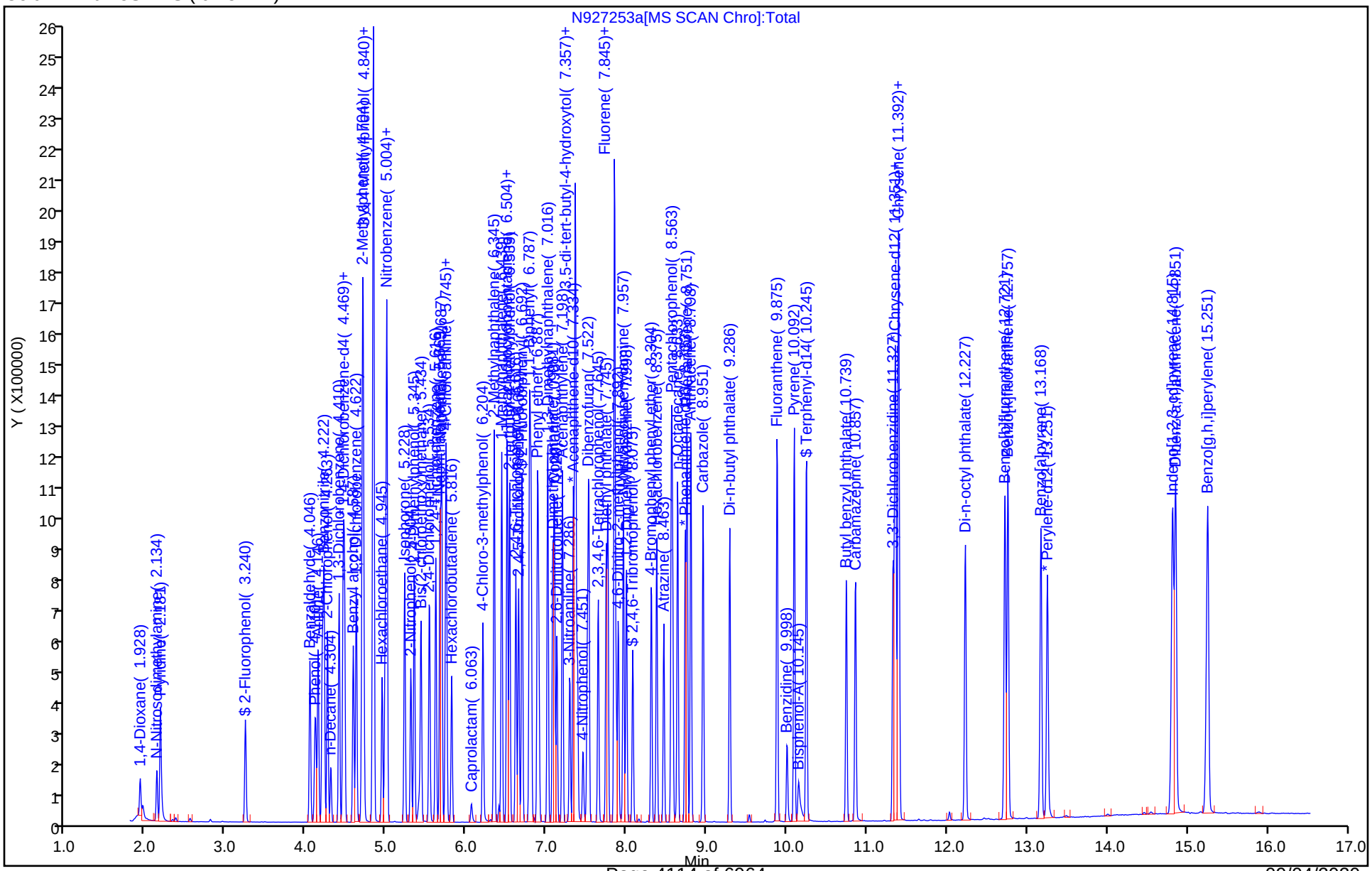
Report Date: 02-Sep-2020 14:23:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20200901-116129.b\N927253a.d

Injection Date:	01-Sep-2020 20:20:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	LCSD 460-721059/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_14	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 MS Lab Sample ID: 460-217009-1 MS

Matrix: Solid Lab File ID: Z57872.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	1.59		0.035	0.0091
95-50-1	1,2-Dichlorobenzene	1.34		0.35	0.0060
541-73-1	1,3-Dichlorobenzene	1.22		0.35	0.0047
106-46-7	1,4-Dichlorobenzene	1.26		0.35	0.013
123-91-1	1,4-Dioxane	0.840		0.11	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	1.50		0.35	0.0064
121-14-2	2,4-Dinitrotoluene	2.09		0.072	0.038
606-20-2	2,6-Dinitrotoluene	2.07		0.072	0.026
91-58-7	2-Chloronaphthalene	1.83		0.35	0.016
91-57-6	2-Methylnaphthalene	1.81		0.35	0.0099
88-74-4	2-Nitroaniline	1.68		0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	1.76		0.14	0.053
99-09-2	3-Nitroaniline	1.83		0.35	0.040
101-55-3	4-Bromophenyl phenyl ether	1.88		0.35	0.014
106-47-8	4-Chloroaniline	1.70		0.35	0.025
7005-72-3	4-Chlorophenyl phenyl ether	1.95		0.35	0.012
100-01-6	4-Nitroaniline	1.97		0.35	0.041
83-32-9	Acenaphthene	1.62		0.35	0.026
208-96-8	Acenaphthylene	1.92		0.35	0.0037
120-12-7	Anthracene	1.87		0.35	0.011
56-55-3	Benzo[a]anthracene	1.88		0.035	0.012
50-32-8	Benzo[a]pyrene	2.19		0.035	0.0094
205-99-2	Benzo[b]fluoranthene	2.31		0.035	0.0092
191-24-2	Benzo[g,h,i]perylene	1.94		0.35	0.010
207-08-9	Benzo[k]fluoranthene	2.22		0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	1.76		0.35	0.028
111-44-4	Bis(2-chloroethyl)ether	1.73		0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	1.84		0.35	0.019
85-68-7	Butyl benzyl phthalate	1.92		0.35	0.017
86-74-8	Carbazole	1.87		0.35	0.013
218-01-9	Chrysene	1.89		0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	2.08		0.035	0.015
132-64-9	Dibenzofuran	1.94		0.35	0.0050
84-66-2	Diethyl phthalate	1.99		0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 MS Lab Sample ID: 460-217009-1 MS

Matrix: Solid Lab File ID: Z57872.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.01		0.35	0.080
84-74-2	Di-n-butyl phthalate	1.87		0.35	0.062
117-84-0	Di-n-octyl phthalate	2.23		0.35	0.019
206-44-0	Fluoranthene	1.85		0.35	0.012
86-73-7	Fluorene	1.92		0.35	0.0048
118-74-1	Hexachlorobenzene	1.83		0.035	0.017
87-68-3	Hexachlorobutadiene	1.48		0.072	0.0075
77-47-4	Hexachlorocyclopentadiene	1.29		0.35	0.031
67-72-1	Hexachloroethane	1.23		0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	2.09		0.035	0.014
78-59-1	Isophorone	1.94		0.14	0.10
91-20-3	Naphthalene	1.63		0.35	0.0061
98-95-3	Nitrobenzene	1.77		0.035	0.0085
621-64-7	N-Nitrosodi-n-propylamine	1.79		0.035	0.026
86-30-6	N-Nitrosodiphenylamine	1.88		0.35	0.0068
85-01-8	Phenanthrene	1.84		0.35	0.0062
129-00-0	Pyrene	1.94		0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	52		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	48		19-105
1718-51-0	Terphenyl-d14 (Surr)	64		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57872.d
Lims ID: 460-217009-E-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 29-Aug-2020 03:11:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-008
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:22:21 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:49:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.666	1.625	0.041	91	94366	50.0	11.8	
2 N-Nitrosodimethylamine	74	1.866	1.837	0.029	81	281517	50.0	22.7	
3 Pyridine	79	1.896	1.860	0.036	78	706568	100.0	33.5	
$ 4 2-Fluorophenol	112	2.937	2.919	0.018	90	537975	50.0	27.2	
5 Benzaldehyde	77	3.743	3.737	0.006	93	210060	20.0	11.9	
$ 6 Phenol-d5	99	3.831	3.831	0.000	99	726823	50.0	28.1	
8 Aniline	93	3.849	3.848	0.000	95	801461	50.0	24.2	
7 Phenol	94	3.843	3.849	-0.006	93	765492	50.0	27.2	
9 Bis(2-chloroethyl)ether	93	3.907	3.907	0.000	93	504675	50.0	24.3	
11 2-Chlorophenol	128	3.972	3.966	0.006	91	550275	50.0	26.0	
12 n-Decane	43	4.013	4.007	0.006	93	328230	50.0	10.3	
13 1,3-Dichlorobenzene	146	4.113	4.107	0.006	94	407802	50.0	17.0	
* 14 1,4-Dichlorobenzene-d4	152	4.166	4.160	0.006	97	602301	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.178	4.178	0.000	95	431322	50.0	17.7	
16 Benzyl alcohol	108	4.307	4.307	0.000	90	357931	50.0	26.8	
17 1,2-Dichlorobenzene	146	4.331	4.325	0.006	96	433437	50.0	18.9	
18 2-Methylphenol	108	4.425	4.425	0.000	84	531351	50.0	28.6	
19 2,2'-oxybis[1-chloropropane]	45	4.431	4.431	0.000	92	847811	50.0	21.0	
20 N-Methylaniline	106	4.549	4.548	0.000	95	834867	50.0	25.2	
22 Acetophenone	105	4.560	4.566	-0.006	90	770450	50.0	24.6	
21 N-Nitrosodi-n-propylamine	70	4.566	4.566	0.000	93	414501	50.0	25.1	
24 4-Methylphenol	108	4.578	4.584	-0.006	94	563957	50.0	26.0	
23 3 & 4 Methylphenol	108	4.578	4.584	-0.006	74	563957	50.0	26.0	
25 Hexachloroethane	117	4.654	4.648	0.005	91	152226	50.0	17.2	
$ 26 Nitrobenzene-d5	82	4.707	4.707	0.000	93	605348	50.0	24.1	
27 Nitrobenzene	123	4.725	4.726	-0.006	90	253359	50.0	24.8	
28 n,n'-Dimethylaniline	120	4.725	4.731	-0.006	80	687337	50.0	21.8	
31 Isophorone	82	4.954	4.960	-0.006	99	1154665	50.0	27.1	
29 2-Toluidine	107	5.090	5.020	0.077	65	603933		NC	
32 2-Nitrophenol	139	5.031	5.025	0.000	84	280070	50.0	24.4	
33 2,4-Dimethylphenol	122	5.090	5.090	-0.006	89	510158	50.0	27.6	
34 Bis(2-chloroethoxy)methane	93	5.166	5.166	-0.006	95	663312	50.0	24.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.201	5.249	-0.048	86	100470	50.0	8.36	
36 2,4-Dichlorophenol	162	5.278	5.272	0.000	94	507342	50.0	27.5	
37 1,2,4-Trichlorobenzene	180	5.348	5.342	-0.001	94	460667	50.0	22.2	
* 38 Naphthalene-d8	136	5.401	5.401	0.000	100	2336556	40.0	40.0	
39 Naphthalene	128	5.419	5.419	0.000	98	1433575	50.0	22.8	
40 4-Chloroaniline	127	5.484	5.478	0.000	95	619739	50.0	23.8	
133 2,6-Dichlorophenol	162	5.490	5.490	0.000	96	506696	NC	NC	
41 Hexachlorobutadiene	225	5.548	5.542	0.000	97	280546	50.0	20.7	
42 Caprolactam	113	5.831	5.912	-0.088	85	90842	20.0	17.1	M
43 4-Chloro-3-methylphenol	107	5.978	5.965	0.006	97	535222	50.0	28.9	
44 2-Methylnaphthalene	142	6.090	6.083	0.000	84	1035087	50.0	25.4	
45 1-Methylnaphthalene	142	6.184	6.177	0.000	92	955875	50.0	25.0	
46 Hexachlorocyclopentadiene	237	6.248	6.248	0.000	97	320724	50.0	18.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.260	6.260	0.000	98	556668	50.0	23.9	
48 2-tertbutyl-4-methylphenol	149	6.301	6.294	0.000	90	773459	50.0	27.9	
49 2,4,6-Trichlorophenol	196	6.378	6.372	0.006	92	401650	50.0	25.9	
50 2,4,5-Trichlorophenol	196	6.419	6.419	0.000	98	453605	50.0	26.9	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	97	1291415	50.0	26.1	
52 1,1'-Biphenyl	154	6.543	6.543	-0.001	97	1348194	50.0	25.0	
53 2-Chloronaphthalene	162	6.560	6.560	0.000	99	1085641	50.0	25.6	
54 Phenyl ether	170	6.642	6.643	-0.001	87	761974	50.0	27.0	
55 2-Nitroaniline	65	6.666	6.666	0.000	94	421619	50.0	23.5	
57 1,3-Dimethylnaphthalene	156	6.772	6.772	0.000	93	879926	50.0	28.1	
61 1-Naphthylamine	143	6.772	6.789	-0.012	48	5247		NC	
58 Dimethyl phthalate	163	6.848	6.854	-0.006	99	1383823	50.0	28.2	
59 Coumarin	146	6.866	6.858	0.000	78	448517	50.0	30.5	
60 2,6-Dinitrotoluene	165	6.901	6.907	-0.006	94	307856	50.0	29.1	
63 Acenaphthylene	152	6.954	6.954	0.000	98	1713847	50.0	26.9	
64 3-Nitroaniline	65	7.066	7.066	0.000	91	458954	50.0	25.7	
* 65 Acenaphthene-d10	164	7.090	7.090	0.000	94	1321695	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.119	7.119	0.000	97	1169967	50.0	26.7	
67 Acenaphthene	154	7.125	7.125	0.000	96	980190	50.0	22.8	
68 2,4-Dinitrophenol	184	7.172	7.172	0.000	93	147414	100.0	23.5	
62 2-Naphthylamine	143	7.254	7.266	-0.006	45	506		NC	
69 4-Nitrophenol	65	7.260	7.260	0.000	97	582379	100.0	54.5	
71 Dibenzofuran	168	7.290	7.289	0.000	99	1602243	50.0	27.1	
70 2,4-Dinitrotoluene	165	7.290	7.295	-0.005	92	413679	50.0	29.4	
72 2,3,4,6-Tetrachlorophenol	232	7.419	7.419	0.000	96	348269	50.0	24.8	
73 Diethyl phthalate	149	7.519	7.525	-0.006	98	1387196	50.0	28.0	
74 Fluorene	166	7.613	7.613	0.000	93	1307922	50.0	26.9	
75 4-Chlorophenyl phenyl ether	204	7.613	7.613	0.000	78	658254	50.0	27.3	
76 4-Nitroaniline	138	7.660	7.666	-0.006	94	307587	50.0	27.6	
77 4,6-Dinitro-2-methylphenol	198	7.689	7.695	-0.006	84	324974	100.0	36.9	
78 N-Nitrosodiphenylamine	169	7.737	7.736	0.000	90	947552	50.0	26.4	
79 1,2-Diphenylhydrazine	77	7.766	7.772	-0.006	98	1329277	50.0	25.0	
$ 80 2,4,6-Tribromophenol	330	7.848	7.848	0.000	94	243603	50.0	29.1	
81 4-Bromophenyl phenyl ether	248	8.084	8.083	0.000	94	427120	50.0	26.4	
82 Hexachlorobenzene	284	8.148	8.148	0.000	96	454903	50.0	25.7	
83 Atrazine	200	8.254	8.254	0.000	91	236034	20.0	16.5	
84 Pentachlorophenol	266	8.348	8.348	0.000	94	415069	100.0	36.7	
85 Pentachloronitrobenzene	237	8.354	8.354	0.000	90	206129	50.0	25.6	
86 n-Octadecane	57	8.425	8.425	0.000	89	1163532	50.0	24.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 87 Phenanthrene-d10	188	8.513	8.507	0.006	98	2511985	40.0	40.0	
88 Phenanthrene	178	8.531	8.531	0.000	97	1965751	50.0	25.8	
89 Anthracene	178	8.584	8.584	0.000	99	2074379	50.0	26.2	
90 Carbazole	167	8.742	8.742	0.000	96	1720646	50.0	26.3	
91 Di-n-butyl phthalate	149	9.078	9.078	0.000	100	2261961	50.0	26.2	a
92 Fluoranthene	202	9.666	9.666	0.000	98	2116565	50.0	26.0	
93 Benzidine	184	9.801	9.801	0.000	99	902047	50.0	23.3	
94 Pyrene	202	9.883	9.884	-0.001	98	2141727	50.0	27.1	
95 Bisphenol-A	213	9.948	9.948	0.000	98	500659	25.0	13.6	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	1879082	50.0	32.2	
97 Butyl benzyl phthalate	149	10.530	10.531	-0.001	98	893200	50.0	26.9	
99 Carbamazepine	193	10.642	10.642	0.000	93	729780	50.0	23.5	
100 3,3'-Dichlorobenzidine	252	11.107	11.107	0.000	99	678509	50.0	24.7	
101 Benzo[a]anthracene	228	11.125	11.125	0.000	98	1993337	50.0	26.3	
* 102 Chrysene-d12	240	11.142	11.136	0.006	99	2122729	40.0	40.0	
103 Chrysene	228	11.166	11.166	0.000	99	1936606	50.0	26.5	
104 Bis(2-ethylhexyl) phthalate	149	11.177	11.172	0.005	90	1256710	50.0	25.8	
105 Di-n-octyl phthalate	149	11.983	11.983	0.000	97	2086924	50.0	31.3	
106 Benzo[b]fluoranthene	252	12.466	12.466	0.000	98	1895111	50.0	32.4	
107 Benzo[k]fluoranthene	252	12.501	12.507	-0.006	98	1803027	50.0	31.1	
108 Benzo[a]pyrene	252	12.907	12.907	0.000	98	1503016	50.0	30.7	
* 109 Perylene-d12	264	12.989	12.983	0.006	99	1849114	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.507	14.513	-0.006	98	1497609	50.0	29.2	M
111 Dibenz(a,h)anthracene	278	14.536	14.542	-0.006	99	1435593	50.0	29.2	
112 Benzo[g,h,i]perylene	276	14.913	14.924	-0.011	98	1370054	50.0	27.3	
S 119 Total Cresols	1				0			54.6	
127 4,4'-DDT	235	6.248	6.222	0.026	74	196470		NR	

QC Flag Legend

Processing Flags
- NR - Missing Quant Standard
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:22:55 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57872.d

Injection Date: 29-Aug-2020 03:11:30 Instrument ID: CBNAMS11 Operator ID:

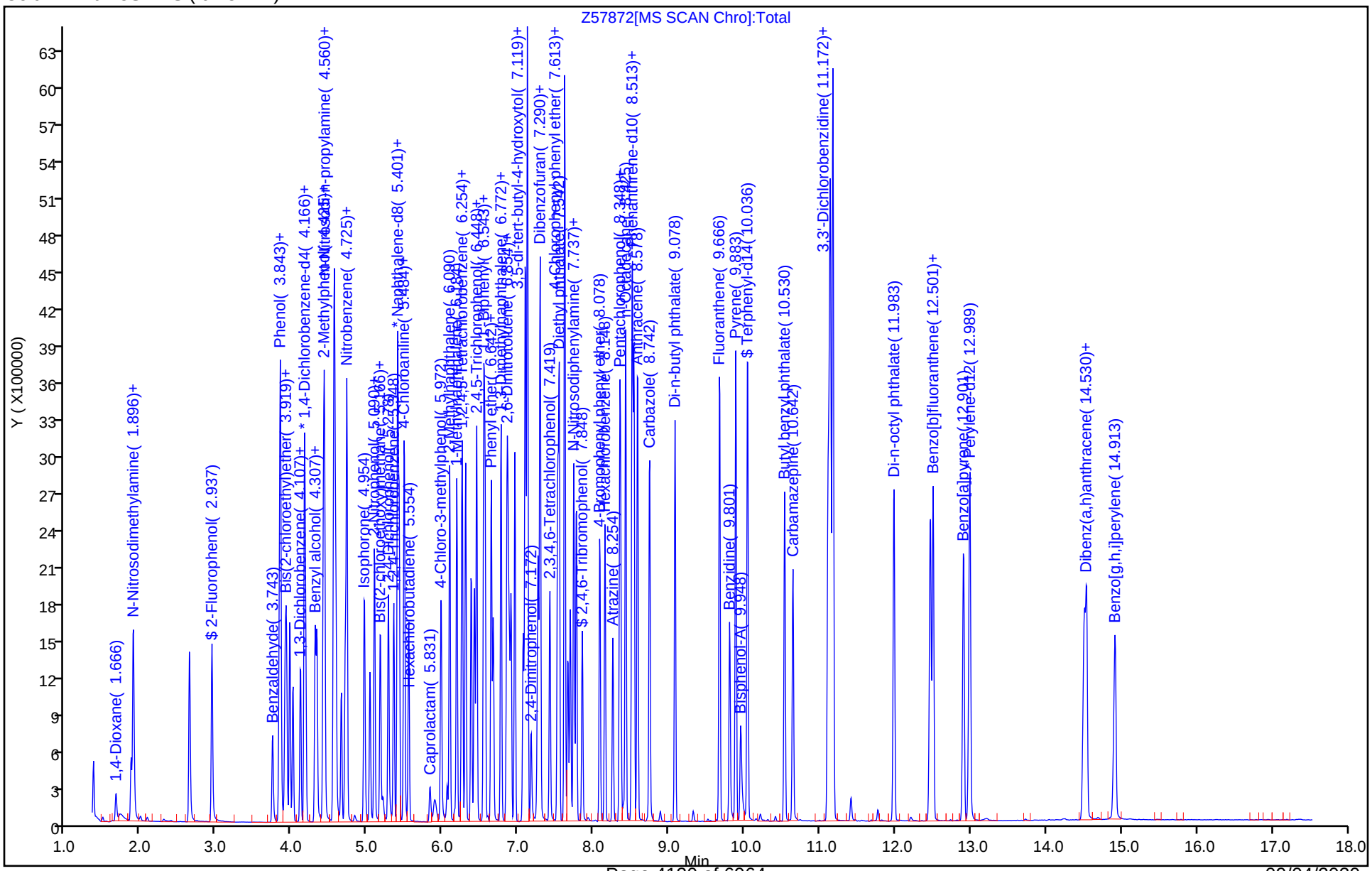
Lims ID: 460-217009-E-1-A MS Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

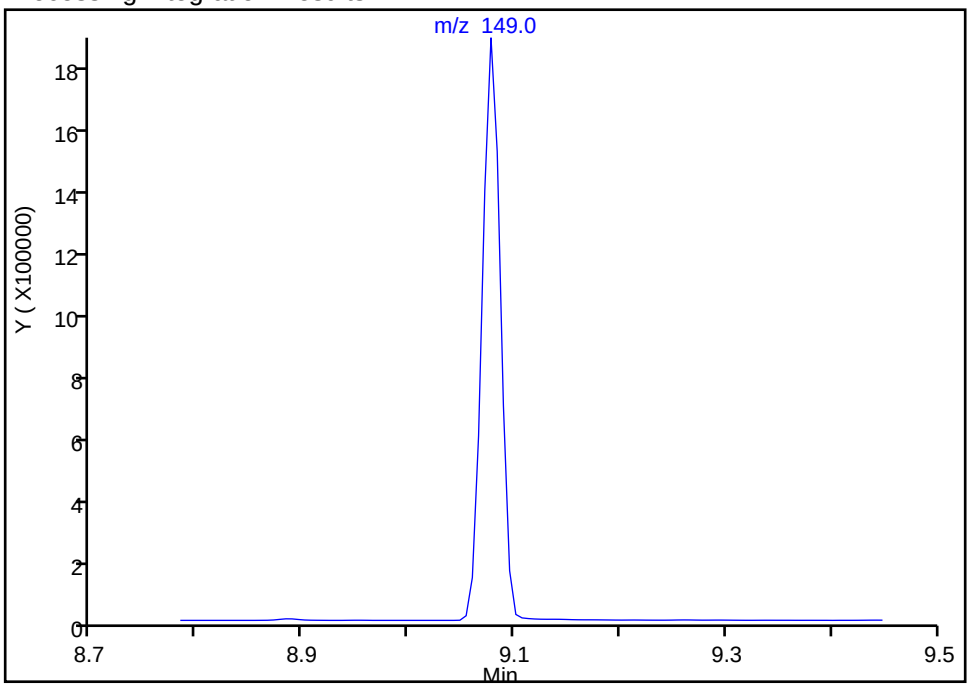
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57872.d				
Injection Date:	29-Aug-2020 03:11:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-1-A MS				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

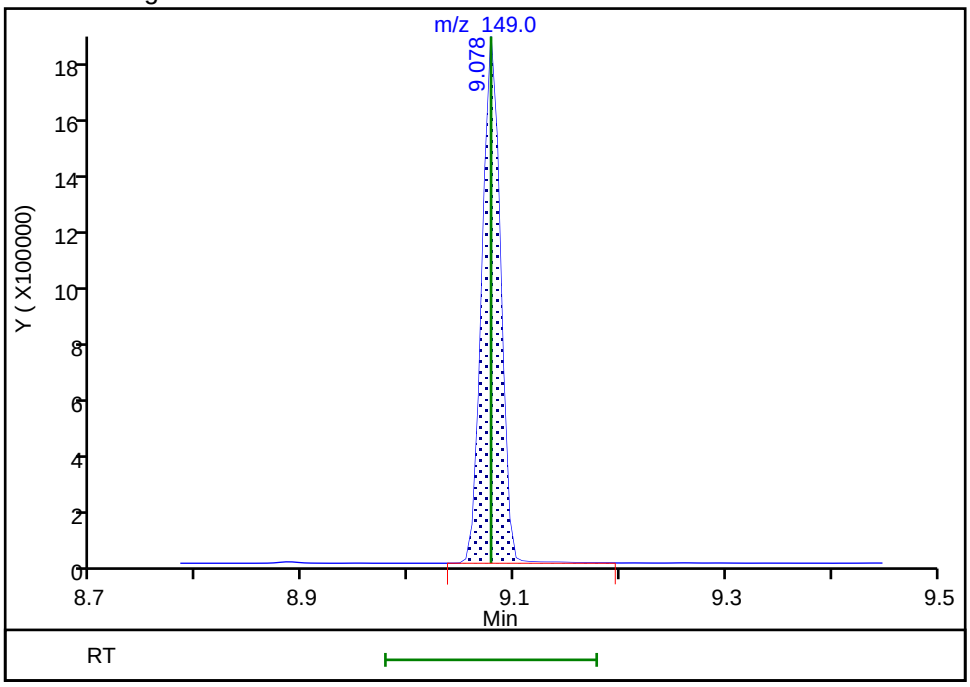
Not Detected
Expected RT: 9.08

Processing Integration Results



Manual Integration Results

RT: 9.08
Area: 2261961
Amount: 26.200118
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:48:54
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

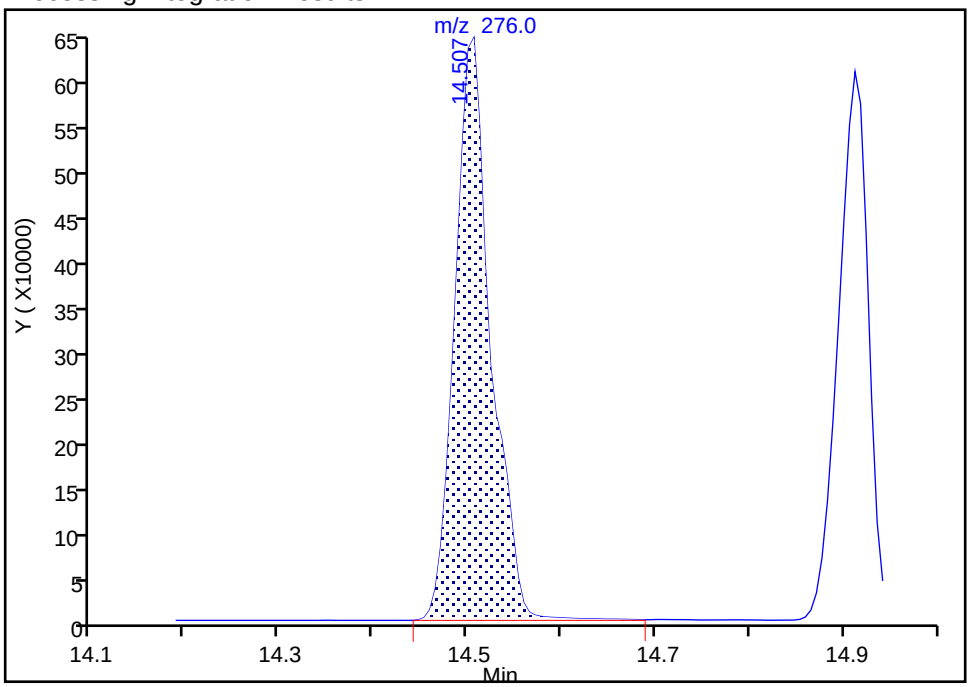
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57872.d
Injection Date: 29-Aug-2020 03:11:30 Instrument ID: CBNAMS11
Lims ID: 460-217009-E-1-A MS
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

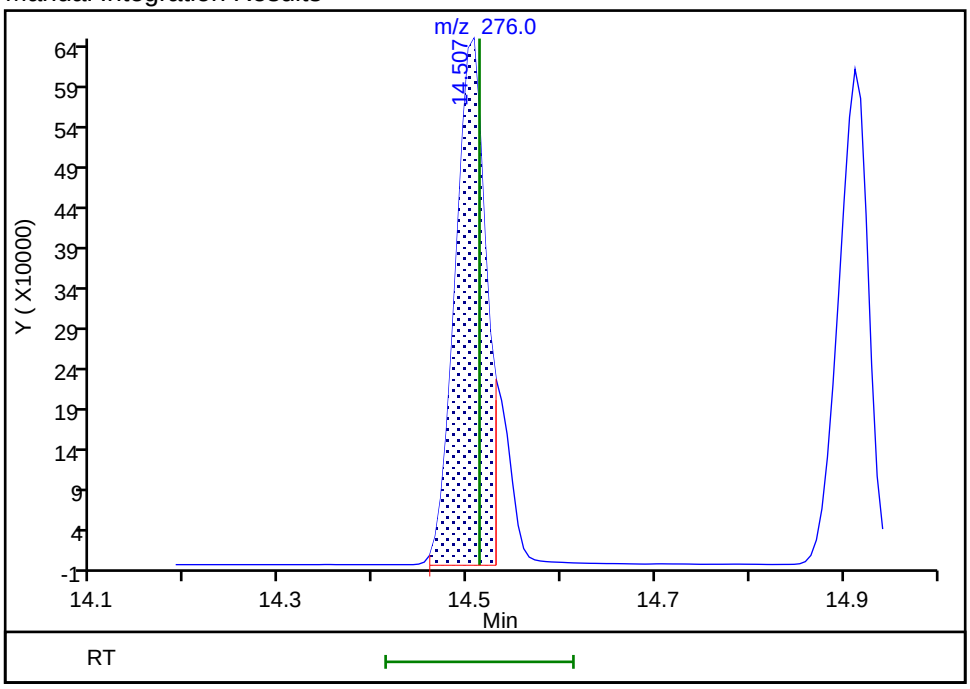
Processing Integration Results

RT: 14.51
Area: 1701013
Amount: 33.219876
Amount Units: ug/ml



Manual Integration Results

RT: 14.51
Area: 1497609
Amount: 29.247505
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:49:02
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216232-A-6-A MS

Matrix: Solid Lab File ID: L33428.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 00:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	1.78		0.036	0.0092
95-50-1	1,2-Dichlorobenzene	1.58		0.36	0.0061
541-73-1	1,3-Dichlorobenzene	1.53		0.36	0.0047
106-46-7	1,4-Dichlorobenzene	1.55		0.36	0.014
123-91-1	1,4-Dioxane	1.05		0.11	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	1.78		0.36	0.0065
121-14-2	2,4-Dinitrotoluene	2.12		0.072	0.038
606-20-2	2,6-Dinitrotoluene	2.14		0.072	0.026
91-58-7	2-Chloronaphthalene	1.88		0.36	0.017
91-57-6	2-Methylnaphthalene	1.76		0.36	0.010
88-74-4	2-Nitroaniline	2.13		0.36	0.013
91-94-1	3,3'-Dichlorobenzidine	0.688		0.14	0.054
99-09-2	3-Nitroaniline	1.56		0.36	0.040
101-55-3	4-Bromophenyl phenyl ether	1.91		0.36	0.014
106-47-8	4-Chloroaniline	1.14		0.36	0.025
7005-72-3	4-Chlorophenyl phenyl ether	1.84		0.36	0.013
100-01-6	4-Nitroaniline	1.39		0.36	0.041
83-32-9	Acenaphthene	2.29		0.36	0.026
208-96-8	Acenaphthylene	1.91		0.36	0.0037
120-12-7	Anthracene	3.19		0.36	0.011
56-55-3	Benzo[a]anthracene	4.58		0.036	0.012
50-32-8	Benzo[a]pyrene	4.70		0.036	0.0095
205-99-2	Benzo[b]fluoranthene	5.40		0.036	0.0092
191-24-2	Benzo[g,h,i]perylene	3.39		0.36	0.011
207-08-9	Benzo[k]fluoranthene	3.16		0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	1.67		0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	1.61		0.036	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	1.83		0.36	0.019
85-68-7	Butyl benzyl phthalate	1.89		0.36	0.017
86-74-8	Carbazole	2.16		0.36	0.014
218-01-9	Chrysene	4.49		0.36	0.0060
53-70-3	Dibenz(a,h)anthracene	2.63		0.036	0.015
132-64-9	Dibenzofuran	2.20		0.36	0.0050
84-66-2	Diethyl phthalate	1.82		0.36	0.0052

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216232-A-6-A MS

Matrix: Solid Lab File ID: L33428.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 00:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	1.86		0.36	0.081
84-74-2	Di-n-butyl phthalate	1.77		0.36	0.063
117-84-0	Di-n-octyl phthalate	1.82		0.36	0.019
206-44-0	Fluoranthene	7.99		0.36	0.012
86-73-7	Fluorene	2.51		0.36	0.0048
118-74-1	Hexachlorobenzene	1.79		0.036	0.017
87-68-3	Hexachlorobutadiene	1.93		0.072	0.0076
77-47-4	Hexachlorocyclopentadiene	0.866		0.36	0.031
67-72-1	Hexachloroethane	1.64		0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	4.10		0.036	0.014
78-59-1	Isophorone	1.78		0.14	0.10
91-20-3	Naphthalene	1.73		0.36	0.0062
98-95-3	Nitrobenzene	1.63		0.036	0.0086
621-64-7	N-Nitrosodi-n-propylamine	1.63		0.036	0.026
86-30-6	N-Nitrosodiphenylamine	1.90		0.36	0.0068
85-01-8	Phenanthrene	7.85		0.36	0.0063
129-00-0	Pyrene	7.02		0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	52		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	50		19-105
1718-51-0	Terphenyl-d14 (Surr)	53		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33428.d
Lims ID: 460-216232-A-6-A MS
Client ID:
Sample Type: MS
Inject. Date: 28-Aug-2020 00:12:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-014
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 13:22:04 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 13:22:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.728	1.704	0.024	85	19728	50.0	14.6	
2 N-Nitrosodimethylamine	74	1.957	1.940	0.017	69	43793	50.0	19.6	
3 Pyridine	79	1.993	1.969	0.024	71	89748	100.0	24.2	
$ 4 2-Fluorophenol	112	3.128	3.112	0.012	88	81645	50.0	22.6	
5 Benzaldehyde	77	3.940	3.934	0.000	91	36825	20.0	11.7	
$ 6 Phenol-d5	99	4.028	4.022	0.000	0	104140	50.0	22.7	
8 Aniline	93	4.046	4.040	0.006	97	74659	50.0	12.6	
7 Phenol	94	4.040	4.040	0.000	93	109881	50.0	22.7	
9 Bis(2-chloroethyl)ether	93	4.099	4.098	0.000	93	80585	50.0	22.4	
10 2-Chlorophenol	128	4.163	4.163	0.000	90	85088	50.0	22.8	
11 n-Decane	43	4.204	4.199	0.000	92	117343	50.0	21.7	
12 1,3-Dichlorobenzene	146	4.304	4.304	0.000	94	87886	50.0	21.3	
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	97	108444	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.369	4.369	0.000	96	89407	50.0	21.5	
15 Benzyl alcohol	108	4.493	4.493	0.001	89	54358	50.0	22.9	
16 1,2-Dichlorobenzene	146	4.516	4.516	0.000	95	86389	50.0	21.9	
17 2-Methylphenol	108	4.610	4.616	-0.006	82	73837	50.0	22.6	
18 2,2'-oxybis[1-chloropropane]	45	4.616	4.616	0.000	91	177964	50.0	24.7	
130 N-Methylaniline	106	4.734	4.734	0.000	93	109550	50.0	19.0	
22 Acetophenone	105	4.740	4.745	-0.005	85	114377	50.0	22.5	
21 N-Nitrosodi-n-propylamine	70	4.740	4.745	-0.005	95	63352	50.0	22.6	
20 3 & 4 Methylphenol	108	4.763	4.763	0.000	93	81145	50.0	21.5	
19 4-Methylphenol	108	4.763	4.763	0.000	96	81145	50.0	21.5	
25 Hexachloroethane	117	4.834	4.840	-0.005	94	33821	50.0	22.8	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	96	91177	50.0	25.1	
27 Nitrobenzene	123	4.904	4.910	-0.006	92	38230	50.0	22.7	
28 n,n'-Dimethylaniline	120	4.904	4.910	-0.006	76	99455	50.0	18.2	
29 Isophorone	82	5.128	5.134	-0.006	97	160235	50.0	24.7	
30 2-Nitrophenol	139	5.210	5.210	0.000	84	44982	50.0	27.8	
31 2,4-Dimethylphenol	122	5.263	5.269	-0.006	88	70020	50.0	24.0	
32 Bis(2-chloroethoxy)methane	93	5.340	5.340	0.001	91	93918	50.0	23.3	
33 Benzoic acid	122	5.375	5.392	-0.017	93	33436	50.0	20.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.451	5.451	0.000	93	71046	50.0	25.9	
35 1,2,4-Trichlorobenzene	180	5.516	5.522	-0.006	94	75705	50.0	24.8	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	377426	40.0	40.0	
37 Naphthalene	128	5.587	5.593	-0.005	98	231718	50.0	24.1	
38 4-Chloroaniline	127	5.651	5.651	0.000	95	66135	50.0	15.9	
131 2,6-Dichlorophenol	162	5.657	5.663	-0.006	93	67404	NC	NC	
39 Hexachlorobutadiene	225	5.716	5.716	0.000	95	45278	50.0	26.9	
40 Caprolactam	113	5.969	5.987	-0.017	83	11531	20.0	13.8	
41 4-Chloro-3-methylphenol	107	6.134	6.134	0.000	97	70161	50.0	24.6	
42 2-Methylnaphthalene	142	6.251	6.251	0.000	84	163626	50.0	24.5	
43 1-Methylnaphthalene	142	6.340	6.345	-0.005	93	150830	50.0	24.2	
44 Hexachlorocyclopentadiene	237	6.404	6.405	-0.006	96	21815	50.0	12.0	
45 1,2,4,5-Tetrachlorobenzene	216	6.416	6.411	0.000	97	72957	50.0	26.7	
46 2-tertbutyl-4-methylphenol	149	6.451	6.457	-0.006	89	100299	50.0	24.2	
48 2,4,6-Trichlorophenol	196	6.528	6.528	-0.005	89	50160	50.0	28.0	
49 2,4,5-Trichlorophenol	196	6.575	6.569	0.000	97	53957	50.0	26.8	
$ 50 2-Fluorobiphenyl	172	6.598	6.599	-0.006	97	172807	50.0	25.9	
51 1,1'-Biphenyl	154	6.692	6.693	-0.006	96	192213	50.0	26.6	
52 2-Chloronaphthalene	162	6.710	6.710	-0.006	97	142594	50.0	26.1	
53 Phenyl ether	170	6.792	6.787	0.000	87	99216	50.0	26.4	
57 2-Naphthylamine	143	6.792	6.799	-0.012	45	3673		NC	
56 1-Naphthylamine	143	6.792	6.799	-0.012	46	3673		NC	
54 2-Nitroaniline	65	6.816	6.816	-0.006	94	62250	50.0	29.6	
55 1,3-Dimethylnaphthalene	156	6.922	6.916	0.000	91	126026	50.0	29.3	
58 Dimethyl phthalate	163	6.987	6.987	-0.005	98	163002	50.0	25.8	
59 Coumarin	146	7.010	7.010	-0.006	80	52927	50.0	22.2	a
60 2,6-Dinitrotoluene	165	7.045	7.045	-0.006	91	37568	50.0	29.8	
61 Acenaphthylene	152	7.098	7.098	-0.006	98	235810	50.0	26.6	
62 3-Nitroaniline	138	7.204	7.204	-0.006	90	33728	50.0	21.7	
* 63 Acenaphthene-d10	164	7.234	7.239	-0.005	96	173266	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.263	7.257	0.000	98	117996	50.0	25.6	
65 Acenaphthene	154	7.269	7.263	0.000	96	181745	50.0	31.8	
66 2,4-Dinitrophenol	184	7.316	7.316	-0.006	88	35461	100.0	55.3	
67 4-Nitrophenol	65	7.398	7.398	-0.006	93	65240	100.0	51.1	
69 Dibenzofuran	168	7.428	7.428	-0.005	98	245415	50.0	30.6	
68 2,4-Dinitrotoluene	165	7.434	7.433	-0.005	82	48595	50.0	29.5	
70 2,3,4,6-Tetrachlorophenol	232	7.563	7.557	0.000	94	36698	50.0	23.7	
71 Diethyl phthalate	149	7.657	7.657	-0.006	97	171549	50.0	25.3	
73 4-Chlorophenyl phenyl ether	204	7.757	7.751	0.000	69	74483	50.0	25.7	
74 Fluorene	166	7.757	7.751	0.000	94	224373	50.0	34.9	
75 4-Nitroaniline	138	7.787	7.792	-0.012	95	30825	50.0	19.3	
76 4,6-Dinitro-2-methylphenol	198	7.828	7.828	-0.005	75	44378	100.0	57.7	
77 N-Nitrosodiphenylamine	169	7.869	7.869	-0.006	99	116420	50.0	26.4	
78 1,2-Diphenylhydrazine	77	7.904	7.905	-0.006	96	167373	50.0	27.7	
$ 79 2,4,6-Tribromophenol	330	7.986	7.986	-0.006	94	25047	50.0	27.5	
80 4-Bromophenyl phenyl ether	248	8.216	8.216	-0.006	86	45768	50.0	26.6	
81 Hexachlorobenzene	284	8.286	8.281	0.000	97	47495	50.0	24.9	
82 Atrazine	200	8.381	8.381	-0.005	87	24249	20.0	15.5	
83 Pentachlorophenol	266	8.481	8.475	0.001	92	44783	100.0	42.8	
84 Pentachloronitrobenzene	237	8.486	8.486	-0.006	87	21152	50.0	28.3	
72 n-Octadecane	57	8.551	8.551	-0.006	89	158299	50.0	28.1	
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	305428	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Phenanthrene	178	8.663	8.663	-0.006	98	959338	50.0	109.2	
87 Anthracene	178	8.710	8.710	-0.006	98	404248	50.0	44.4	
88 Carbazole	167	8.869	8.869	-0.006	96	259227	50.0	30.1	
89 Di-n-butyl phthalate	149	9.204	9.198	0.000	99	268788	50.0	24.6	
90 Fluoranthene	202	9.792	9.786	0.000	98	1118883	50.0	111.2	
92 Pyrene	202	10.004	9.994	0.000	97	955187	50.0	97.6	
93 Bisphenol-A	213	10.063	10.052	0.000	98	60152	25.0	16.6	
$ 94 Terphenyl-d14	244	10.151	10.146	-0.006	98	167550	50.0	26.3	
95 Butyl benzyl phthalate	149	10.651	10.640	0.000	98	107940	50.0	26.2	
97 Carbamazepine	193	10.763	10.757	-0.005	92	90166	50.0	25.4	
98 3,3'-Dichlorobenzidine	252	11.233	11.227	-0.006	99	30477	50.0	9.57	
99 Benzo[a]anthracene	228	11.257	11.245	0.000	99	558713	50.0	63.7	
* 100 Chrysene-d12	240	11.269	11.274	-0.005	99	246560	40.0	40.0	
101 Chrysene	228	11.298	11.292	-0.006	99	521205	50.0	62.4	
102 Bis(2-ethylhexyl) phthalate	149	11.310	11.298	0.000	88	155645	50.0	25.4	
103 Di-n-octyl phthalate	149	12.145	12.145	0.000	97	286504	50.0	25.3	
104 Benzo[b]fluoranthene	252	12.645	12.627	0.006	99	680863	50.0	75.1	
105 Benzo[k]fluoranthene	252	12.674	12.657	0.000	99	424207	50.0	43.9	
106 Benzo[a]pyrene	252	13.092	13.092	0.000	97	526477	50.0	65.3	
* 107 Perylene-d12	264	13.174	13.168	0.006	98	309948	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.757	14.757	0.006	99	483469	50.0	57.1	M
109 Dibenz(a,h)anthracene	278	14.780	14.786	-0.006	95	304663	50.0	36.6	
110 Benzo[g,h,i]perylene	276	15.192	15.192	0.000	97	440099	50.0	47.1	
S 117 Total Cresols	1				0			44.1	
124 4,4'-DDT	235	6.404	6.357	0.047	77	13735		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

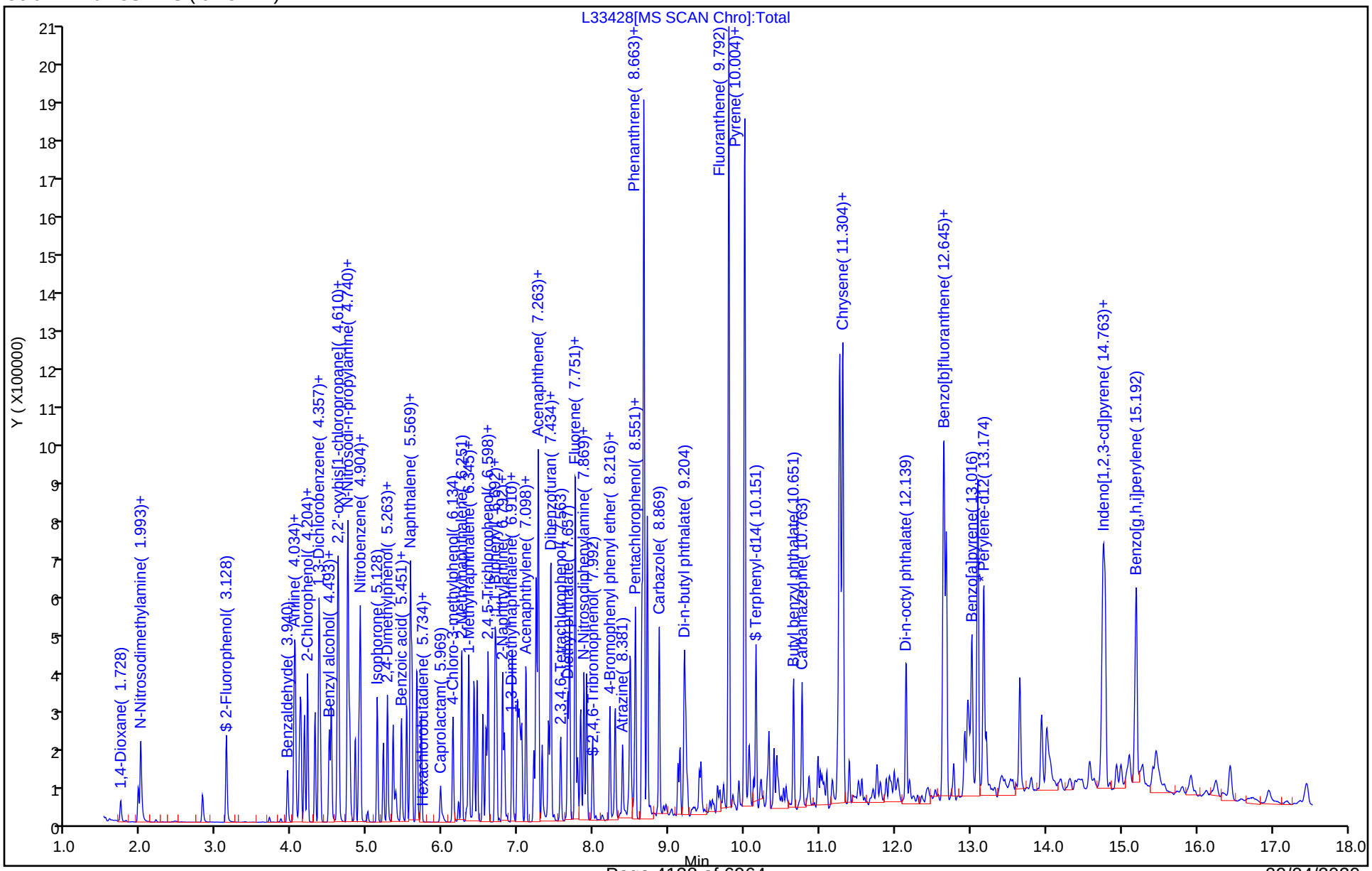
Report Date: 28-Aug-2020 13:22:20 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33428.d

Injection Date:	28-Aug-2020 00:12:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-216232-A-6-A MS			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

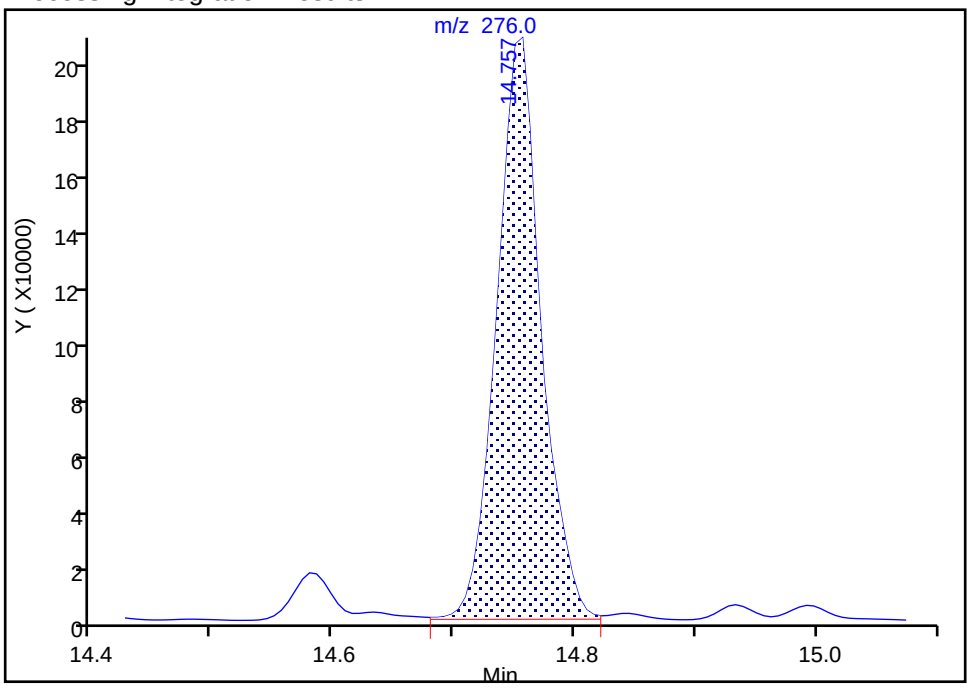
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33428.d				
Injection Date:	28-Aug-2020 00:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216232-A-6-A MS				
Client ID:					
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

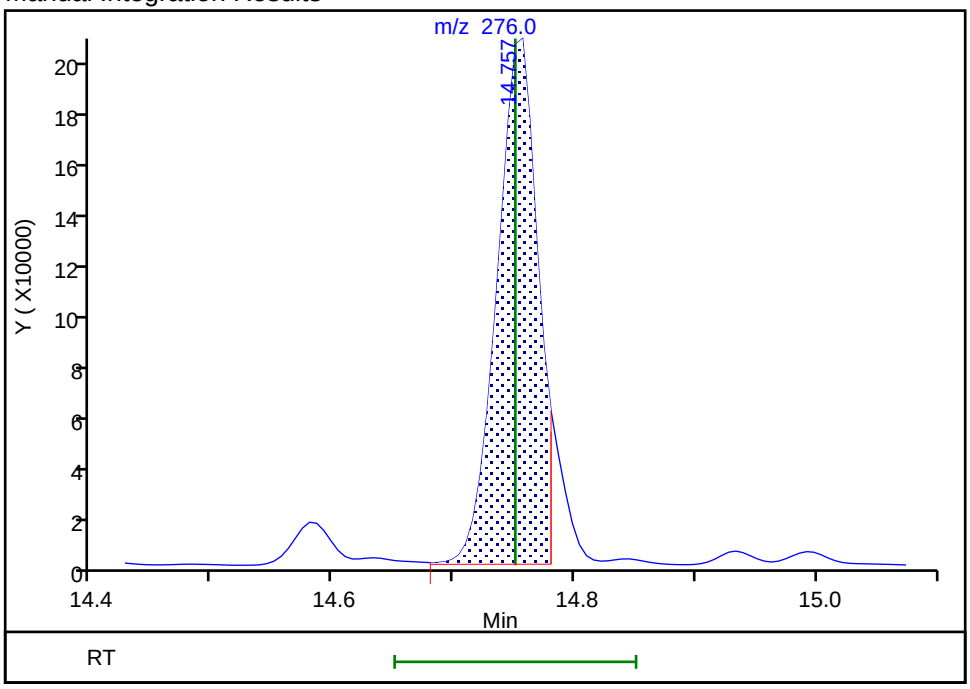
Processing Integration Results

RT: 14.76
Area: 518984
Amount: 61.253005
Amount Units: ug/ml



Manual Integration Results

RT: 14.76
Area: 483469
Amount: 57.061353
Amount Units: ug/ml



Reviewer: khlungprakhons, 28-Aug-2020 13:22:02

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216576-A-1-C MS

Matrix: Solid Lab File ID: f4516064.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/29/2020 05:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 64.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	3.98		0.093	0.024
95-50-1	1,2-Dichlorobenzene	3.50		0.93	0.016
541-73-1	1,3-Dichlorobenzene	3.37		0.93	0.012
106-46-7	1,4-Dichlorobenzene	3.33		0.93	0.036
123-91-1	1,4-Dioxane	2.03		0.28	0.026
108-60-1	2,2'-oxybis[1-chloropropane]	3.44		0.93	0.017
121-14-2	2,4-Dinitrotoluene	4.95		0.19	0.10
606-20-2	2,6-Dinitrotoluene	5.26		0.19	0.067
91-58-7	2-Chloronaphthalene	4.01		0.93	0.043
91-57-6	2-Methylnaphthalene	4.09		0.93	0.026
88-74-4	2-Nitroaniline	4.53		0.93	0.035
91-94-1	3,3'-Dichlorobenzidine	0.635		0.37	0.14
99-09-2	3-Nitroaniline	3.19		0.93	0.11
101-55-3	4-Bromophenyl phenyl ether	4.67		0.93	0.037
106-47-8	4-Chloroaniline	2.69		0.93	0.065
7005-72-3	4-Chlorophenyl phenyl ether	4.56		0.93	0.033
100-01-6	4-Nitroaniline	2.32		0.93	0.11
83-32-9	Acenaphthene	4.30		0.93	0.068
208-96-8	Acenaphthylene	4.17		0.93	0.0096
120-12-7	Anthracene	4.58		0.93	0.028
56-55-3	Benzo[a]anthracene	4.96		0.093	0.033
50-32-8	Benzo[a]pyrene	5.82		0.093	0.025
205-99-2	Benzo[b]fluoranthene	6.01		0.093	0.024
191-24-2	Benzo[g,h,i]perylene	2.85		0.93	0.027
207-08-9	Benzo[k]fluoranthene	5.56		0.093	0.018
111-91-1	Bis(2-chloroethoxy)methane	3.72		0.93	0.073
111-44-4	Bis(2-chloroethyl)ether	3.38		0.093	0.032
117-81-7	Bis(2-ethylhexyl) phthalate	4.57		0.93	0.049
85-68-7	Butyl benzyl phthalate	4.48		0.93	0.044
86-74-8	Carbazole	4.14		0.93	0.036
218-01-9	Chrysene	4.99		0.93	0.016
53-70-3	Dibenz(a,h)anthracene	3.54		0.093	0.040
132-64-9	Dibenzofuran	4.42		0.93	0.013
84-66-2	Diethyl phthalate	4.36		0.93	0.014

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216576-A-1-C MS

Matrix: Solid Lab File ID: f4516064.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/29/2020 05:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 64.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	4.38		0.93	0.21
84-74-2	Di-n-butyl phthalate	4.27		0.93	0.16
117-84-0	Di-n-octyl phthalate	5.23		0.93	0.049
206-44-0	Fluoranthene	6.12		0.93	0.033
86-73-7	Fluorene	4.48		0.93	0.013
118-74-1	Hexachlorobenzene	4.29		0.093	0.044
87-68-3	Hexachlorobutadiene	4.15		0.19	0.020
77-47-4	Hexachlorocyclopentadiene	0.082	U	0.93	0.082
67-72-1	Hexachloroethane	2.68		0.093	0.032
193-39-5	Indeno[1,2,3-cd]pyrene	3.16		0.093	0.036
78-59-1	Isophorone	3.85		0.37	0.27
91-20-3	Naphthalene	3.81		0.93	0.016
98-95-3	Nitrobenzene	3.97		0.093	0.022
621-64-7	N-Nitrosodi-n-propylamine	3.61		0.093	0.068
86-30-6	N-Nitrosodiphenylamine	4.32		0.93	0.018
85-01-8	Phenanthrene	6.02		0.93	0.016
129-00-0	Pyrene	6.00		0.93	0.023

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	40		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	38		19-105
1718-51-0	Terphenyl-d14 (Surr)	46		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516064.D
Lims ID: 460-216576-A-1-C MS
Client ID:
Sample Type: MS
Inject. Date: 29-Aug-2020 05:32:30 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-036
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:51:51 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 29-Aug-2020 19:06:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.626	-0.003	92	13103	50.0	10.8	
2 N-Nitrosodimethylamine	74	1.745	1.749	-0.009	78	28261	50.0	15.3	
3 Pyridine	79	1.772	1.767	-0.002	76	67914	100.0	20.8	
$ 5 2-Fluorophenol	112	2.427	2.432	-0.005	87	47628	50.0	16.9	
7 Benzaldehyde	77	3.012	3.022	-0.010	90	28569	20.0	10.4	
$ 8 Phenol-d5	99	3.053	3.063	-0.010	97	67353	50.0	18.3	
9 Phenol	94	3.062	3.058	-0.010	96	74953	50.0	19.7	
10 Aniline	93	3.086	3.088	-0.013	1	42030	50.0	9.00	a
11 Bis(2-chloroethyl)ether	93	3.133	3.139	-0.016	86	55970	50.0	18.0	
12 2-Chlorophenol	128	3.174	3.175	-0.010	83	52675	50.0	19.4	
13 n-Decane	43	3.213	3.226	-0.013	95	73915	50.0	14.6	
14 1,3-Dichlorobenzene	146	3.287	3.290	-0.012	90	51602	50.0	18.0	
* 15 1,4-Dichlorobenzene-d4	152	3.331	3.341	-0.010	97	73097	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.343	3.345	-0.012	78	51816	50.0	17.7	
17 Benzyl alcohol	108	3.434	3.432	-0.010	87	37229	50.0	19.3	
18 1,2-Dichlorobenzene	146	3.455	3.454	-0.010	86	51831	50.0	18.7	
19 2-Methylphenol	108	3.520	3.519	-0.009	83	53537	50.0	20.6	
20 2,2'-oxybis[1-chloropropane]	45	3.540	3.543	-0.013	92	119120	50.0	18.3	
130 N-Methylaniline	106	3.629	3.642	-0.013	0	83850	50.0	18.0	
21 Acetophenone	105	3.635	3.635	-0.015	79	82834	50.0	19.2	
22 4-Methylphenol	108	3.641	3.635	-0.012	74	60838	50.0	20.3	
23 3 & 4 Methylphenol	108	3.641	3.636	-0.012	74	60838	50.0	20.3	
24 N-Nitrosodi-n-propylamine	70	3.641	3.653	-0.012	86	41814	50.0	19.2	
25 Hexachloroethane	117	3.712	3.710	-0.009	93	17805	50.0	14.3	
$ 26 Nitrobenzene-d5	82	3.750	3.762	-0.012	94	64598	50.0	18.9	
27 Nitrobenzene	123	3.765	3.769	-0.012	86	26837	50.0	21.1	
28 n,n'-Dimethylaniline	120	3.768	3.769	-0.012	74	74420	50.0	17.8	
29 Isophorone	82	3.954	3.956	-0.012	98	126324	50.0	20.5	
30 2-Nitrophenol	139	4.010	4.010	-0.009	75	28028	50.0	23.5	
31 2,4-Dimethylphenol	122	4.054	4.055	-0.009	87	51456	50.0	21.4	
32 Bis(2-chloroethoxy)methane	93	4.131	4.131	-0.009	95	75124	50.0	19.8	
33 Benzoic acid	122	4.131	4.161	-0.030	41	36542	50.0	25.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.199	4.199	-0.009	89	47023	50.0	23.2	
35 1,2,4-Trichlorobenzene	180	4.264	4.264	-0.009	93	47683	50.0	21.2	
* 36 Naphthalene-d8	136	4.305	4.314	-0.009	99	287644	40.0	40.0	
37 Naphthalene	128	4.323	4.320	-0.009	93	155881	50.0	20.3	
38 4-Chloroaniline	127	4.370	4.368	-0.009	81	46645	50.0	14.3	
39 Hexachlorobutadiene	225	4.423	4.422	-0.009	92	26150	50.0	22.1	
40 Caprolactam	113	4.642	4.644	-0.014	84	9150	20.0	12.2	
41 4-Chloro-3-methylphenol	107	4.757	4.755	-0.008	92	61066	50.0	24.3	
42 2-Methylnaphthalene	142	4.860	4.869	-0.009	80	110528	50.0	21.8	
43 1-Methylnaphthalene	142	4.937	4.942	-0.005	90	103328	50.0	21.6	
44 Hexachlorocyclopentadiene	237	4.981	4.985	-0.012	24	276	50.0	0.1964	a
45 1,2,4,5-Tetrachlorobenzene	216	4.990	4.991	-0.008	95	50701	50.0	22.7	
46 2-tertbutyl-4-methylphenol	149	5.032	5.026	-0.008	85	75254	50.0	24.5	
47 2,4,6-Trichlorophenol	196	5.082	5.083	-0.008	85	37956	50.0	24.9	
48 2,4,5-Trichlorophenol	196	5.111	5.109	-0.005	93	41892	50.0	25.2	
49 2-Toluidine	107	5.150	5.129	0.005	17	1822		NC	
$ 50 2-Fluorobiphenyl	172	5.150	5.158	-0.008	97	113051	50.0	19.8	
51 1,1'-Biphenyl	154	5.223	5.232	-0.009	97	135852	50.0	21.6	
52 2-Chloronaphthalene	162	5.235	5.236	-0.008	95	103872	50.0	21.3	
53 Phenyl ether	170	5.309	5.308	-0.008	89	70421	50.0	21.6	
54 2-Nitroaniline	65	5.318	5.317	-0.008	90	56498	50.0	24.1	
55 1,3-Dimethylnaphthalene	156	5.407	5.411	-0.004	89	89324	50.0	23.6	
56 Dimethyl phthalate	163	5.472	5.473	-0.010	94	132279	50.0	23.3	
57 Coumarin	146	5.475	5.467	-0.007	77	43814	50.0	23.9	
58 2,6-Dinitrotoluene	165	5.513	5.512	-0.008	70	30668	50.0	28.0	
59 Acenaphthylene	152	5.548	5.556	-0.008	92	170815	50.0	22.2	
60 3-Nitroaniline	138	5.634	5.632	-0.007	90	23240	50.0	17.0	
* 61 Acenaphthene-d10	164	5.661	5.665	-0.004	96	153529	40.0	40.0	
62 Acenaphthene	154	5.684	5.692	-0.008	95	104926	50.0	22.9	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.693	5.691	-0.007	88	90481	50.0	23.3	
64 2,4-Dinitrophenol	184	5.714	5.716	-0.010	60	21217	100.0	41.8	
65 4-Nitrophenol	65	5.776	5.773	-0.007	95	70311	100.0	47.4	
67 2,4-Dinitrotoluene	165	5.814	5.811	-0.007	69	40191	50.0	26.3	
66 Dibenzofuran	168	5.817	5.824	-0.007	91	158677	50.0	23.5	
68 2,3,4,6-Tetrachlorophenol	232	5.912	5.910	-0.007	89	32432	50.0	26.2	
69 Diethyl phthalate	149	6.012	6.011	-0.010	96	141132	50.0	23.2	
70 Fluorene	166	6.077	6.074	-0.007	82	132505	50.0	23.9	
71 4-Chlorophenyl phenyl ether	204	6.086	6.081	-0.004	81	59271	50.0	24.3	
72 4-Nitroaniline	138	6.098	6.105	-0.016	33	17473	50.0	12.4	
73 4,6-Dinitro-2-methylphenol	198	6.122	6.130	-0.012	66	34637	100.0	51.8	
74 N-Nitrosodiphenylamine	169	6.178	6.184	-0.006	32	95552	50.0	23.0	
75 1,2-Diphenylhydrazine	77	6.205	6.211	-0.006	51	171338	50.0	21.7	
$ 76 2,4,6-Tribromophenol	330	6.258	6.264	-0.006	93	23875	50.0	26.2	
77 4-Bromophenyl phenyl ether	248	6.453	6.454	-0.006	79	37485	50.0	24.8	
78 Hexachlorobenzene	284	6.489	6.490	-0.006	96	42644	50.0	22.9	
79 Atrazine	200	6.596	6.592	-0.002	67	22949	20.0	15.2	
80 Pentachlorophenol	266	6.646	6.645	-0.005	89	54772	100.0	54.3	
81 Pentachloronitrobenzene	237	6.655	6.653	-0.005	83	17883	50.0	26.3	
86 1-Naphthylamine	143	6.800	6.729	0.061	6	1421		NC	
82 n-Octadecane	57	6.738	6.743	-0.005	91	157251	50.0	22.5	
* 83 Phenanthrene-d10	188	6.785	6.790	-0.005	98	279796	40.0	40.0	
84 Phenanthrene	178	6.803	6.808	-0.005	99	267849	50.0	32.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.841	6.838	-0.005	97	209368	50.0	24.4	
87 Carbazole	167	6.969	6.973	-0.004	87	176323	50.0	22.0	
88 Di-n-butyl phthalate	149	7.251	7.256	-0.005	99	242653	50.0	22.7	
89 Fluoranthene	202	7.699	7.702	-0.003	97	284255	50.0	32.6	
90 Benzidine	184	7.776	7.808	-0.038	1	126	50.0	0.0308	
91 Pyrene	202	7.868	7.870	-0.002	97	305349	50.0	31.9	
92 Bisphenol-A	213	7.921	7.926	-0.005	95	51211	25.0	13.8	
$ 93 Terphenyl-d14	244	7.996	8.003	-0.007	98	149823	50.0	23.1	
95 Butyl benzyl phthalate	149	8.391	8.379	-0.004	97	110574	50.0	23.9	
97 Carbamazepine	193	8.465	8.472	-0.007	85	68175	50.0	17.4	
99 3,3'-Dichlorobenzidine	252	8.821	8.815	-0.008	60	11060	50.0	3.38	
100 Benzo[a]anthracene	228	8.836	8.841	-0.005	100	230221	50.0	26.4	
* 98 Chrysene-d12	240	8.845	8.850	-0.005	99	253000	40.0	40.0	
101 Chrysene	228	8.869	8.874	-0.005	95	227049	50.0	26.6	
102 Bis(2-ethylhexyl) phthalate	149	8.901	8.906	-0.005	88	177163	50.0	24.3	
103 Di-n-octyl phthalate	149	9.537	9.529	-0.007	95	288647	50.0	27.8	
104 Benzo[b]fluoranthene	252	9.875	9.880	-0.005	97	233907	50.0	32.0	
105 Benzo[k]fluoranthene	252	9.902	9.901	-0.008	99	225301	50.0	29.6	
106 Benzo[a]pyrene	252	10.208	10.217	-0.009	96	196517	50.0	31.0	
* 107 Perylene-d12	264	10.271	10.276	-0.005	98	249332	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.394	11.385	-0.012	99	110967	50.0	16.8	M
109 Dibenz(a,h)anthracene	278	11.423	11.424	-0.016	95	126776	50.0	18.8	
110 Benzo[g,h,i]perylene	276	11.682	11.699	-0.017	93	113844	50.0	15.1	
S 117 Total Cresols	1				0			41.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 12:52:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516064.D

Injection Date: 29-Aug-2020 05:32:30 Instrument ID: CBNAMS15 Operator ID:

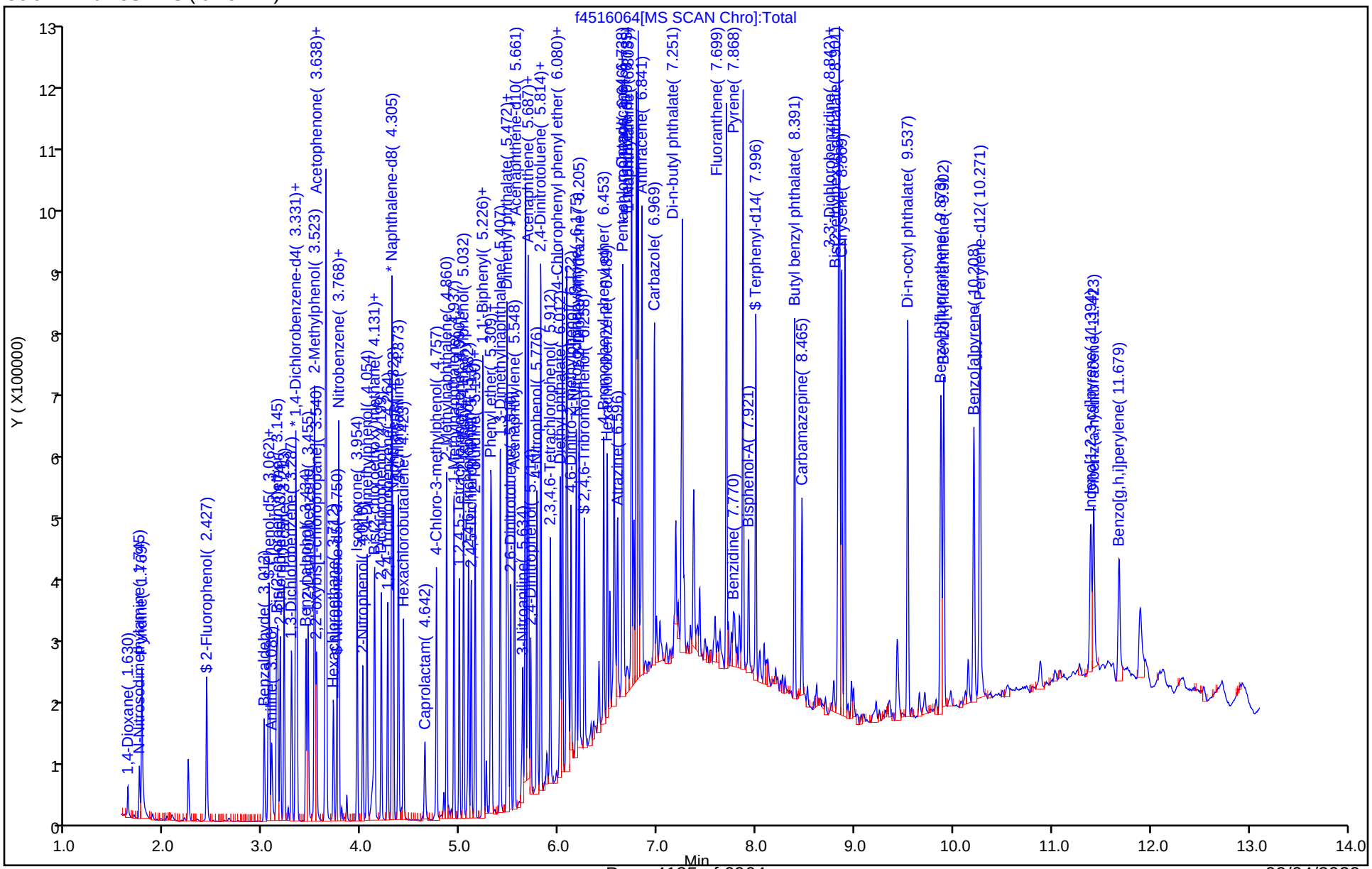
Lims ID: 460-216576-A-1-C MS Worklist Smp#: 36

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 36

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

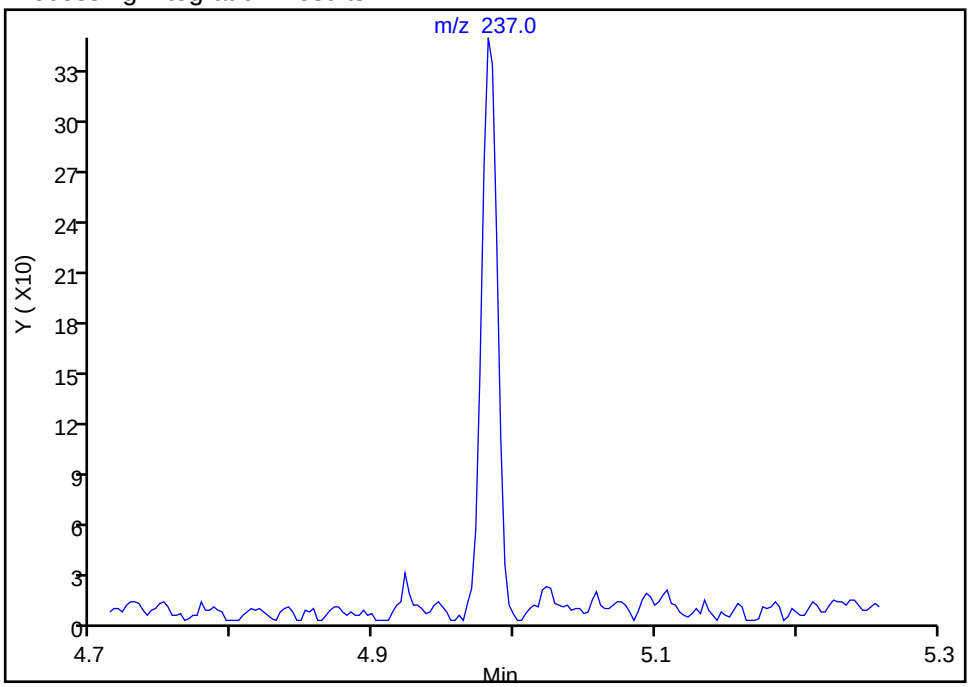
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516064.D				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS15		
Lims ID:	460-216576-A-1-C MS				
Client ID:					
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

44 Hexachlorocyclopentadiene, CAS: 77-47-4

Signal: 1

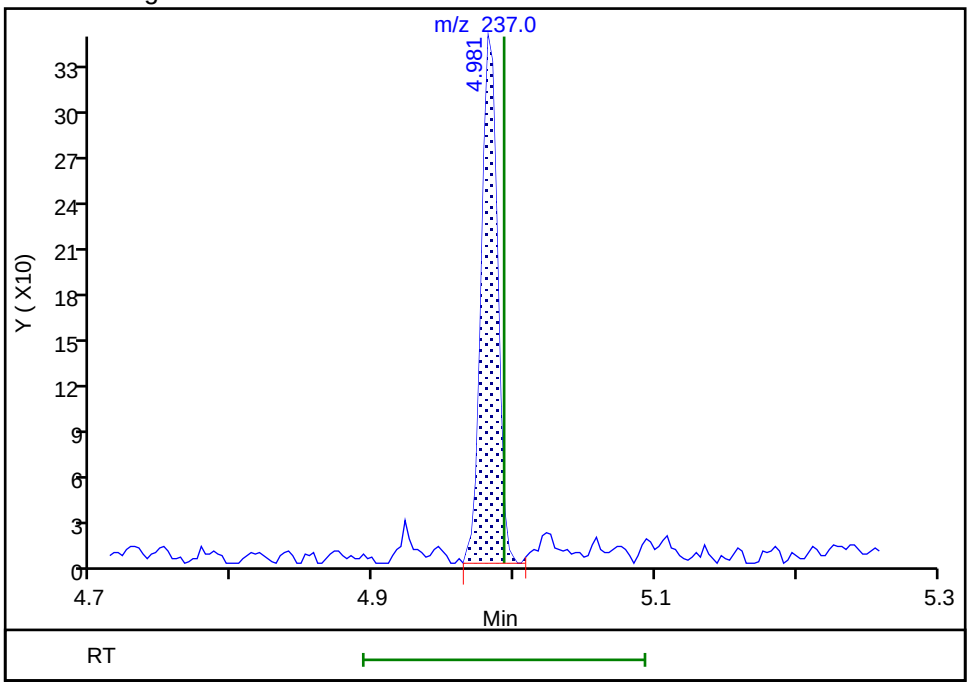
Not Detected
Expected RT: 4.99

Processing Integration Results



Manual Integration Results

RT: 4.98
Area: 276
Amount: 0.196422
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:06:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

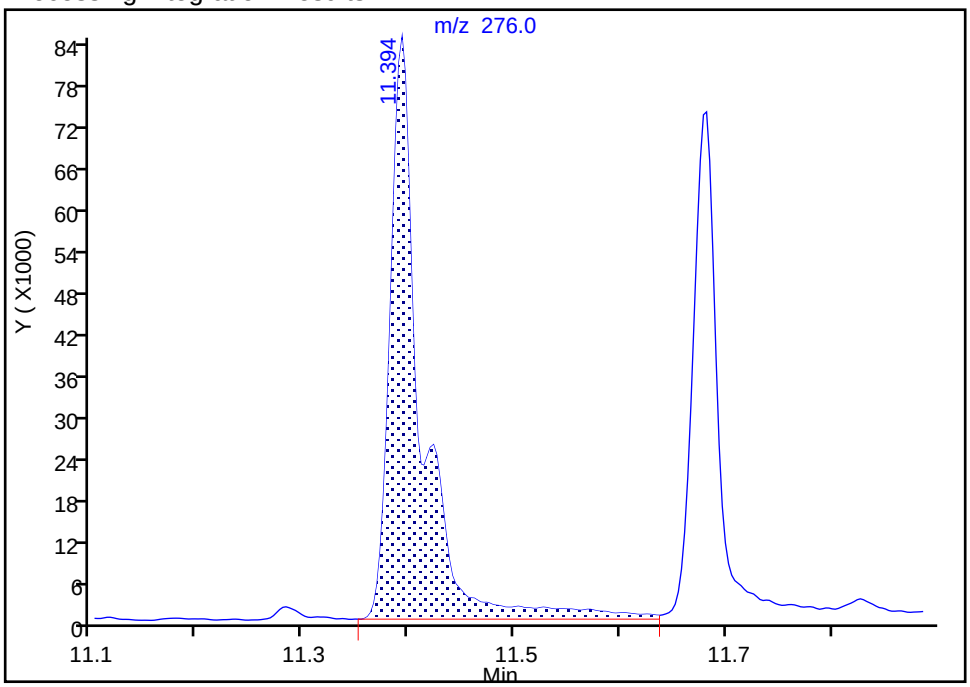
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516064.D				
Injection Date:	29-Aug-2020 05:32:30	Instrument ID:	CBNAMS15		
Lims ID:	460-216576-A-1-C MS				
Client ID:					
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

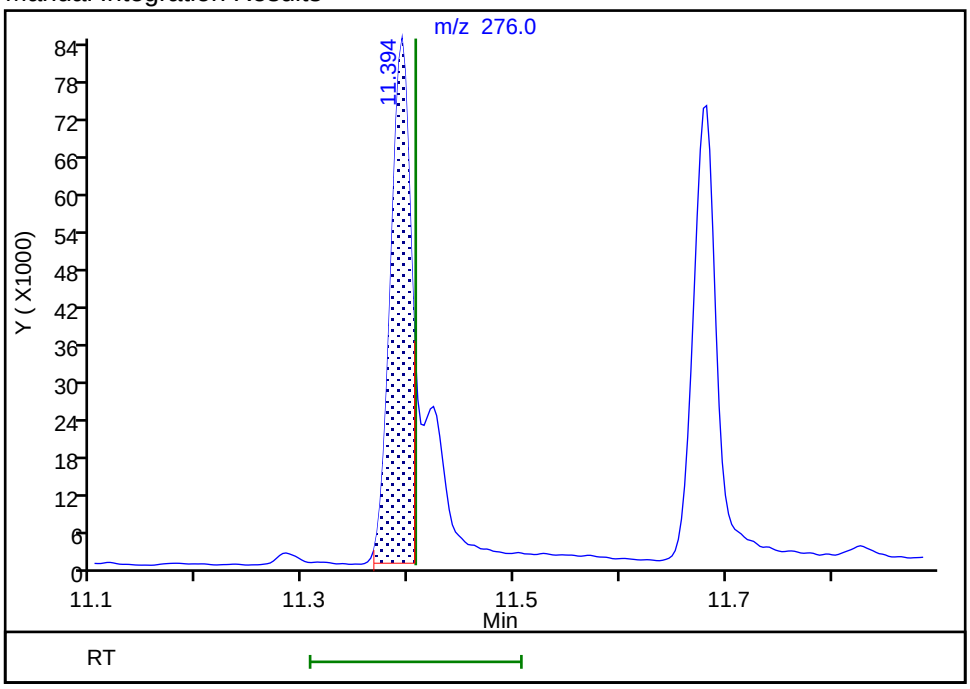
Processing Integration Results

RT: 11.39
Area: 172422
Amount: 26.153174
Amount Units: ug/ml



Manual Integration Results

RT: 11.39
Area: 110967
Amount: 16.831607
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:06:23

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217132-F-1-A MS

Matrix: Water Lab File ID: M135675.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 00:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	59.9		2.0	0.64
95-50-1	1,2-Dichlorobenzene	56.6		10	1.3
541-73-1	1,3-Dichlorobenzene	53.0		10	2.0
106-46-7	1,4-Dichlorobenzene	54.2		10	1.3
123-91-1	1,4-Dioxane	35.5		10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	50.9		10	0.63
121-14-2	2,4-Dinitrotoluene	68.4		2.0	1.0
606-20-2	2,6-Dinitrotoluene	66.5		2.0	0.83
91-58-7	2-Chloronaphthalene	63.0		10	1.2
91-57-6	2-Methylnaphthalene	65.2		10	1.1
88-74-4	2-Nitroaniline	53.2		10	0.47
91-94-1	3,3'-Dichlorobenzidine	49.0		10	1.4
99-09-2	3-Nitroaniline	57.2		10	1.9
101-55-3	4-Bromophenyl phenyl ether	66.2		10	0.75
106-47-8	4-Chloroaniline	57.1		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	63.2		10	1.3
100-01-6	4-Nitroaniline	48.6		10	1.2
83-32-9	Acenaphthene	64.5		10	1.1
208-96-8	Acenaphthylene	67.2		10	0.82
120-12-7	Anthracene	62.4		10	0.63
56-55-3	Benzo[a]anthracene	58.2		1.0	0.59
50-32-8	Benzo[a]pyrene	72.7		1.0	0.41
205-99-2	Benzo[b]fluoranthene	71.5		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	63.4		10	1.4
207-08-9	Benzo[k]fluoranthene	73.8		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	59.5		10	0.59
111-44-4	Bis(2-chloroethyl)ether	59.8		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	64.1		2.0	1.7
85-68-7	Butyl benzyl phthalate	63.2		10	0.85
86-74-8	Carbazole	62.1		10	0.68
218-01-9	Chrysene	61.0		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	69.7		1.0	0.72
132-64-9	Dibenzofuran	66.3		10	1.1
84-66-2	Diethyl phthalate	65.2		10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217132-F-1-A MS

Matrix: Water Lab File ID: M135675.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 00:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	66.5		10	0.77
84-74-2	Di-n-butyl phthalate	61.0		10	0.84
117-84-0	Di-n-octyl phthalate	66.7		10	4.8
206-44-0	Fluoranthene	60.4		10	0.84
86-73-7	Fluorene	68.4		10	0.91
118-74-1	Hexachlorobenzene	66.4		1.0	0.40
87-68-3	Hexachlorobutadiene	57.3		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	55.2		10	3.6
67-72-1	Hexachloroethane	54.6		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	67.7		2.0	0.94
78-59-1	Isophorone	62.7		10	0.80
91-20-3	Naphthalene	62.8		2.0	1.1
98-95-3	Nitrobenzene	72.9		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	60.9		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	62.4		10	0.89
85-01-8	Phenanthrene	63.3		10	0.58
129-00-0	Pyrene	65.3		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	54		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	52		46-137
1718-51-0	Terphenyl-d14 (Surr)	58		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135675.D
Lims ID: 460-217132-F-1-A MS
Client ID: FR-MW01-W001
Sample Type: MS
Inject. Date: 31-Aug-2020 00:05:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-012
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:40:38 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: nimerd Date: 31-Aug-2020 07:59:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.024	1.024	0.000	98	64365	10.0	4.43	
	2 N-Nitrosodimethylamine	74	1.183	1.180	0.003	88	105447	10.0	4.83	
	3 Pyridine	79	1.199	1.196	0.003	87	252201	20.0	6.94	
$	4 2-Fluorophenol	112	2.118	2.118	0.000	94	101276	10.0	2.87	
	5 Benzaldehyde	77	2.820	2.827	-0.007	94	161441	5.00	4.78	E
	8 Aniline	93	2.942	2.942	0.000	100	322792	10.0	5.08	
$	6 Phenol-d5	99	2.986	2.987	0.000	97	92278	10.0	1.93	
	7 Phenol	94	2.999	2.999	0.000	97	143619	10.0	2.80	
	10 Benzonitrile	103	3.009	3.009	0.000	99	583310	NC	NC	
	9 Bis(2-chloroethyl)ether	93	3.009	3.012	-0.003	89	293405	10.0	7.48	
	11 2-Chlorophenol	128	3.066	3.066	0.000	93	265185	10.0	6.59	
	12 n-Decane	43	3.124	3.124	0.000	92	285772	10.0	5.22	
	13 1,3-Dichlorobenzene	146	3.194	3.194	0.000	95	316924	10.0	6.62	
*	14 1,4-Dichlorobenzene-d4	152	3.255	3.255	0.000	96	230759	8.00	8.00	
	15 1,4-Dichlorobenzene	146	3.271	3.274	-0.003	94	321926	10.0	6.78	
	17 1,2-Dichlorobenzene	146	3.427	3.427	0.000	96	317789	10.0	7.08	
	16 Benzyl alcohol	108	3.437	3.440	-0.003	91	133724	10.0	5.64	
	19 2,2'-oxybis[1-chloropropane]	45	3.568	3.568	0.000	93	461957	10.0	6.37	
	18 2-Methylphenol	108	3.603	3.603	0.000	89	204169	10.0	5.86	
	20 N-Methylaniline	106	3.683	3.683	0.000	96	441460	10.0	7.36	
	21 Acetophenone	105	3.683	3.686	-0.003	93	423549	10.0	7.51	
	22 N-Nitrosodi-n-propylamine	70	3.702	3.705	-0.003	89	220131	10.0	7.62	
	25 Hexachloroethane	117	3.760	3.763	-0.003	93	131340	10.0	6.82	
	23 3 & 4 Methylphenol	108	3.766	3.769	-0.003	64	192661	10.0	5.31	
	24 4-Methylphenol	108	3.766	3.769	-0.003	96	192319	10.0	5.31	
$	27 Nitrobenzene-d5	82	3.830	3.830	0.000	90	226732	10.0	5.17	
	28 Nitrobenzene	123	3.849	3.849	0.000	92	161235	10.0	9.11	
	29 n,n'-Dimethylaniline	120	3.855	3.859	-0.004	93	423550	10.0	7.51	
	30 Isophorone	82	4.095	4.095	0.000	99	569224	10.0	7.84	
	32 2-Nitrophenol	139	4.172	4.172	0.000	88	151619	10.0	7.50	
	33 2,4-Dimethylphenol	122	4.280	4.284	-0.004	90	225108	10.0	7.17	
	34 Bis(2-chloroethoxy)methane	93	4.344	4.344	0.000	95	350084	10.0	7.43	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
26 2-Toluidine	107	4.414	4.417	-0.003	27	499		NC	
35 Benzoic acid	122	4.414	4.437	-0.023	91	52155	10.0	3.08	
36 2,4-Dichlorophenol	162	4.443	4.443	0.000	95	247175	10.0	7.57	
37 1,2,4-Trichlorobenzene	180	4.488	4.488	0.000	94	276353	10.0	7.49	
* 38 Naphthalene-d8	136	4.533	4.533	0.000	99	816785	8.00	8.00	
39 Naphthalene	128	4.552	4.552	0.000	99	835269	10.0	7.85	
40 4-Chloroaniline	127	4.645	4.645	0.000	97	312988	10.0	7.14	
130 2,6-Dichlorophenol	162	4.648	4.651	-0.003	96	251674	NC	NC	
41 Hexachlorobutadiene	225	4.699	4.699	0.000	94	156097	10.0	7.17	
42 Caprolactam	113	4.967	4.967	0.000	86	9327	5.00	1.37	
43 4-Chloro-3-methylphenol	107	5.184	5.184	0.000	97	200289	10.0	6.93	
44 2-Methylnaphthalene	142	5.232	5.236	-0.004	83	559068	10.0	8.15	
45 1-Methylnaphthalene	142	5.325	5.325	0.000	92	506796	10.0	7.93	
46 Hexachlorocyclopentadiene	237	5.398	5.399	-0.001	97	181336	10.0	6.91	
47 1,2,4,5-Tetrachlorobenzene	216	5.402	5.402	0.000	97	271278	10.0	7.61	
48 2-tertbutyl-4-methylphenol	149	5.504	5.504	0.000	88	318574	10.0	8.25	
49 2,4,6-Trichlorophenol	196	5.539	5.543	-0.003	89	168334	10.0	8.01	
50 2,4,5-Trichlorophenol	196	5.587	5.590	-0.003	97	172855	10.0	7.54	
$ 51 2-Fluorobiphenyl	172	5.606	5.607	-0.001	97	410341	10.0	5.39	
52 1,1'-Biphenyl	154	5.693	5.693	0.000	96	661447	10.0	8.23	
53 2-Chloronaphthalene	162	5.696	5.696	0.000	95	515014	10.0	7.87	
54 Phenyl ether	170	5.798	5.802	-0.004	88	349803	10.0	8.24	
55 2-Nitroaniline	65	5.827	5.827	0.000	98	131878	10.0	6.65	
57 1,3-Dimethylnaphthalene	156	5.913	5.913	0.000	90	388521	10.0	8.61	
60 Coumarin	146	6.003	6.003	0.000	80	178707	10.0	8.51	
59 Dimethyl phthalate	163	6.019	6.022	-0.003	97	541831	10.0	8.31	
61 2,6-Dinitrotoluene	165	6.064	6.067	-0.003	95	117926	10.0	8.31	
62 Acenaphthylene	152	6.083	6.083	0.000	97	773142	10.0	8.40	
* 64 Acenaphthene-d10	164	6.220	6.223	-0.003	97	384443	8.00	8.00	
63 3-Nitroaniline	138	6.223	6.223	0.000	92	113086	10.0	7.15	
66 Acenaphthene	154	6.252	6.252	0.000	97	446731	10.0	8.06	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.294	6.297	-0.003	98	370234	10.0	7.48	
67 2,4-Dinitrophenol	184	6.323	6.323	0.000	93	127812	20.0	15.1	
70 Dibenzofuran	168	6.419	6.419	0.000	97	694339	10.0	8.28	
69 2,4-Dinitrotoluene	165	6.441	6.444	-0.003	93	146226	10.0	8.55	
68 4-Nitrophenol	65	6.479	6.479	0.000	93	59729	20.0	4.68	
72 2,3,4,6-Tetrachlorophenol	232	6.566	6.566	0.000	94	126229	10.0	7.80	
73 Diethyl phthalate	149	6.694	6.697	-0.003	97	528918	10.0	8.14	
75 Fluorene	166	6.738	6.742	-0.004	93	524586	10.0	8.55	
74 4-Chlorophenyl phenyl ether	204	6.761	6.764	-0.003	87	243430	10.0	7.90	
76 4-Nitroaniline	138	6.802	6.806	-0.004	93	86284	10.0	6.08	
77 4,6-Dinitro-2-methylphenol	198	6.828	6.828	0.000	82	145629	20.0	14.8	
78 N-Nitrosodiphenylamine	169	6.882	6.886	-0.004	56	352440	10.0	7.80	
79 1,2-Diphenylhydrazine	77	6.908	6.911	-0.003	99	559229	10.0	7.31	
$ 80 2,4,6-Tribromophenol	330	6.975	6.975	0.000	93	64316	10.0	6.77	
81 4-Bromophenyl phenyl ether	248	7.215	7.218	-0.003	89	148343	10.0	8.27	
82 Hexachlorobenzene	284	7.260	7.259	0.001	98	175914	10.0	8.30	
83 Atrazine	200	7.416	7.416	0.000	89	78886	5.00	5.24	
85 Pentachloronitrobenzene	237	7.468	7.470	-0.002	62	69499	10.0	7.55	
84 Pentachlorophenol	266	7.468	7.470	-0.002	91	171181	20.0	16.4	
86 n-Octadecane	57	7.602	7.602	0.000	91	405786	10.0	7.90	
* 87 Phenanthrene-d10	188	7.612	7.611	0.001	99	615363	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	7.631	7.634	-0.003	98	695637	10.0	7.92	
89 Anthracene	178	7.679	7.682	-0.003	97	696722	10.0	7.80	
90 Carbazole	167	7.858	7.861	-0.003	96	597746	10.0	7.77	
91 Di-n-butyl phthalate	149	8.235	8.237	-0.002	99	766988	10.0	7.63	
92 Fluoranthene	202	8.743	8.745	-0.002	97	639277	10.0	7.55	
93 Benzidine	184	8.909	8.911	-0.002	99	112637	10.0	2.52	
94 Pyrene	202	8.944	8.946	-0.002	96	656039	10.0	8.16	
95 Bisphenol-A	213	9.091	9.087	0.004	97	97665	5.00	2.82	M
$ 96 Terphenyl-d14	244	9.136	9.138	-0.002	98	294437	10.0	5.78	
97 Butyl benzyl phthalate	149	9.631	9.633	-0.002	96	280199	10.0	7.90	
99 Carbamazepine	193	9.695	9.697	-0.002	92	203162	10.0	7.20	
101 Benzo[a]anthracene	228	10.076	10.081	-0.005	100	500189	10.0	7.28	
* 102 Chrysene-d12	240	10.085	10.087	-0.002	98	406537	8.00	8.00	
100 3,3'-Dichlorobenzidine	252	10.089	10.093	-0.004	99	155078	10.0	6.13	
104 Chrysene	228	10.108	10.109	-0.001	97	525304	10.0	7.62	
103 Bis(2-ethylhexyl) phthalate	149	10.197	10.202	-0.005	86	394890	10.0	8.01	
105 Di-n-octyl phthalate	149	10.869	10.870	-0.002	96	640625	10.0	8.34	
106 Benzo[b]fluoranthene	252	11.179	11.180	-0.001	98	494395	10.0	8.94	
107 Benzo[k]fluoranthene	252	11.207	11.212	-0.005	98	557354	10.0	9.22	
108 Benzo[a]pyrene	252	11.540	11.544	-0.004	95	449385	10.0	9.09	
* 109 Perylene-d12	264	11.607	11.611	-0.004	99	400556	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	12.905	12.908	-0.003	97	473633	10.0	8.46	
111 Dibenz(a,h)anthracene	278	12.943	12.950	-0.007	98	486431	10.0	8.71	
112 Benzo[g,h,i]perylene	276	13.225	13.225	0.000	95	528245	10.0	7.92	
S 119 Total Cresols	1				0			11.2	
127 4,4'-DDT	235	5.398	5.330	0.068	81	112737		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

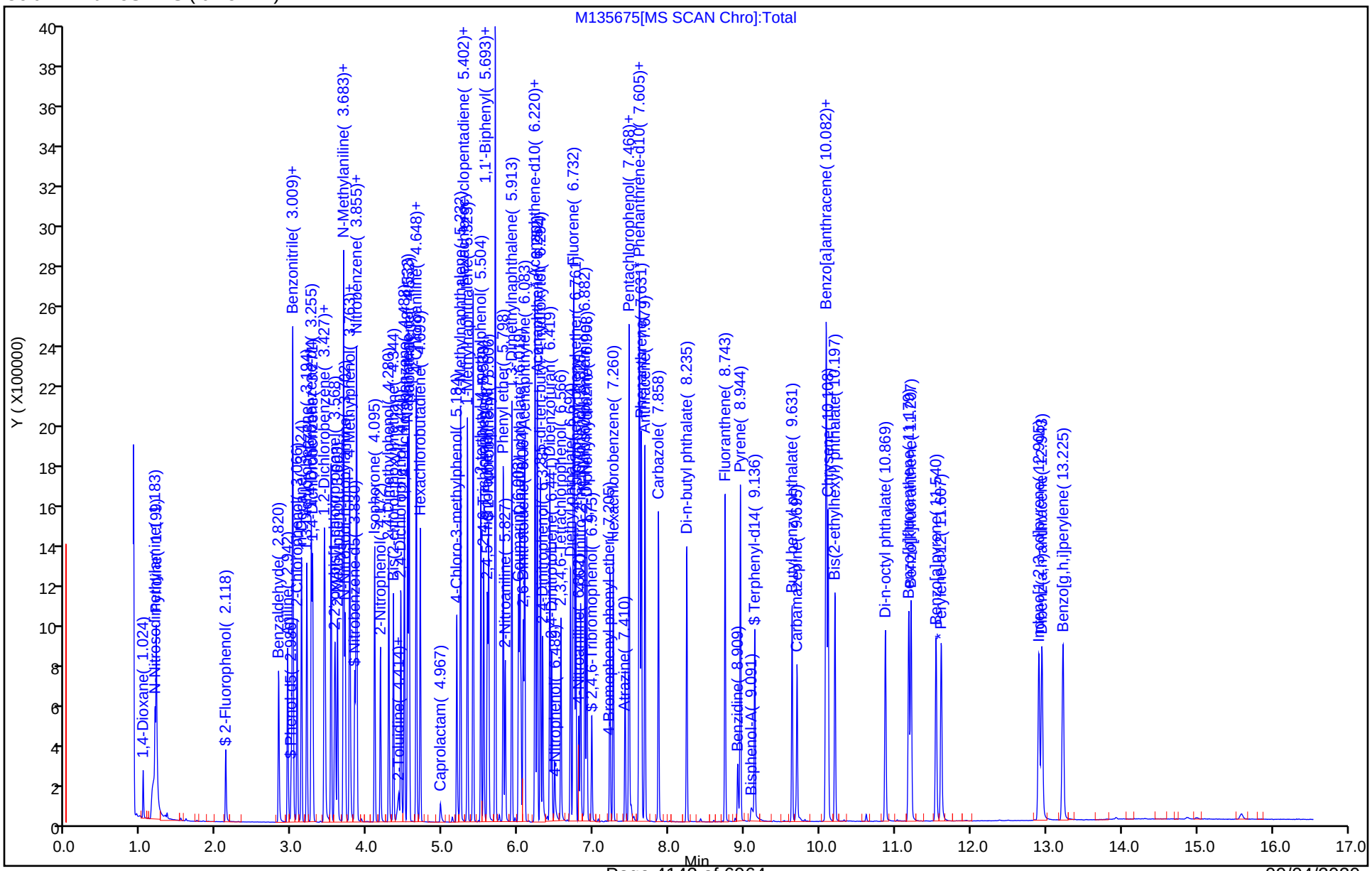
Report Date: 31-Aug-2020 09:03:03 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135675.D

Injection Date:	31-Aug-2020 00:05:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	460-217132-F-1-A MS			Worklist Smp#:	12
Client ID:	FR-MW01-W001				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 MSD Lab Sample ID: 460-217009-1 MSD

Matrix: Solid Lab File ID: Z57873.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	1.99		0.035	0.0091
95-50-1	1,2-Dichlorobenzene	1.70		0.35	0.0060
541-73-1	1,3-Dichlorobenzene	1.59		0.35	0.0047
106-46-7	1,4-Dichlorobenzene	1.62		0.35	0.013
123-91-1	1,4-Dioxane	1.03		0.11	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	1.89		0.35	0.0064
121-14-2	2,4-Dinitrotoluene	2.51		0.072	0.038
606-20-2	2,6-Dinitrotoluene	2.47		0.072	0.026
91-58-7	2-Chloronaphthalene	2.23		0.35	0.016
91-57-6	2-Methylnaphthalene	2.24		0.35	0.0099
88-74-4	2-Nitroaniline	2.03		0.35	0.013
91-94-1	3,3'-Dichlorobenzidine	2.13		0.14	0.053
99-09-2	3-Nitroaniline	2.25		0.35	0.040
101-55-3	4-Bromophenyl phenyl ether	2.24		0.35	0.014
106-47-8	4-Chloroaniline	2.12		0.35	0.025
7005-72-3	4-Chlorophenyl phenyl ether	2.34		0.35	0.012
100-01-6	4-Nitroaniline	2.40		0.35	0.041
83-32-9	Acenaphthene	1.99		0.35	0.026
208-96-8	Acenaphthylene	2.30		0.35	0.0037
120-12-7	Anthracene	2.25		0.35	0.011
56-55-3	Benzo[a]anthracene	2.30		0.035	0.012
50-32-8	Benzo[a]pyrene	2.69		0.035	0.0094
205-99-2	Benzo[b]fluoranthene	2.72		0.035	0.0092
191-24-2	Benzo[g,h,i]perylene	2.35		0.35	0.010
207-08-9	Benzo[k]fluoranthene	2.71		0.035	0.0069
111-91-1	Bis(2-chloroethoxy)methane	2.23		0.35	0.028
111-44-4	Bis(2-chloroethyl)ether	2.11		0.035	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.28		0.35	0.019
85-68-7	Butyl benzyl phthalate	2.35		0.35	0.017
86-74-8	Carbazole	2.32		0.35	0.013
218-01-9	Chrysene	2.27		0.35	0.0060
53-70-3	Dibenz(a,h)anthracene	2.52		0.035	0.015
132-64-9	Dibenzofuran	2.32		0.35	0.0050
84-66-2	Diethyl phthalate	2.40		0.35	0.0051

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 MSD Lab Sample ID: 460-217009-1 MSD

Matrix: Solid Lab File ID: Z57873.d

Analysis Method: 8270D Date Collected: 08/27/2020 08:25

Extract. Method: 3546 Date Extracted: 08/28/2020 17:09

Sample wt/vol: 15(g) Date Analyzed: 08/29/2020 03:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720401 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	2.41		0.35	0.080
84-74-2	Di-n-butyl phthalate	2.33		0.35	0.062
117-84-0	Di-n-octyl phthalate	2.70		0.35	0.019
206-44-0	Fluoranthene	2.27		0.35	0.012
86-73-7	Fluorene	2.29		0.35	0.0048
118-74-1	Hexachlorobenzene	2.29		0.035	0.017
87-68-3	Hexachlorobutadiene	1.91		0.072	0.0075
77-47-4	Hexachlorocyclopentadiene	1.56		0.35	0.031
67-72-1	Hexachloroethane	1.61		0.035	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	2.46		0.035	0.014
78-59-1	Isophorone	2.36		0.14	0.10
91-20-3	Naphthalene	2.05		0.35	0.0061
98-95-3	Nitrobenzene	2.20		0.035	0.0085
621-64-7	N-Nitrosodi-n-propylamine	2.18		0.035	0.026
86-30-6	N-Nitrosodiphenylamine	2.28		0.35	0.0068
85-01-8	Phenanthrene	2.27		0.35	0.0062
129-00-0	Pyrene	2.41		0.35	0.0088

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	64		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	61		19-105
1718-51-0	Terphenyl-d14 (Surr)	79		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57873.d
Lims ID: 460-217009-E-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 29-Aug-2020 03:35:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115939-009
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 11:22:21 Calib Date: 12-Aug-2020 19:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20200812-114935.b\Z57328.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1035

First Level Reviewer: hamziy Date: 29-Aug-2020 19:49:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.666	1.625	0.041	90	106678	50.0	14.5	
2 N-Nitrosodimethylamine	74	1.872	1.837	0.035	81	312804	50.0	27.4	
3 Pyridine	79	1.902	1.860	0.042	79	802777	100.0	41.3	
$ 4 2-Fluorophenol	112	2.937	2.919	0.018	89	604102	50.0	33.2	
5 Benzaldehyde	77	3.737	3.737	0.000	93	262517	20.0	16.1	E
$ 6 Phenol-d5	99	3.831	3.831	0.000	98	827098	50.0	34.8	
8 Aniline	93	3.849	3.848	-0.001	92	928202	50.0	30.4	
7 Phenol	94	3.843	3.849	-0.006	90	865708	50.0	33.4	
9 Bis(2-chloroethyl)ether	93	3.907	3.907	0.000	93	565193	50.0	29.6	
11 2-Chlorophenol	128	3.966	3.966	0.000	92	630516	50.0	32.3	
12 n-Decane	43	4.007	4.007	0.000	93	388228	50.0	13.2	
13 1,3-Dichlorobenzene	146	4.107	4.107	0.000	94	490286	50.0	22.3	
* 14 1,4-Dichlorobenzene-d4	152	4.160	4.160	0.000	97	554047	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.178	4.178	0.000	95	508867	50.0	22.7	
16 Benzyl alcohol	108	4.307	4.307	0.000	93	403169	50.0	32.8	
17 1,2-Dichlorobenzene	146	4.325	4.325	0.000	96	503973	50.0	23.8	
18 2-Methylphenol	108	4.431	4.425	0.006	85	592105	50.0	34.7	
19 2,2'-oxybis[1-chloropropane]	45	4.431	4.431	0.000	91	983384	50.0	26.5	
20 N-Methylaniline	106	4.548	4.548	-0.001	90	953799	50.0	31.3	
22 Acetophenone	105	4.560	4.566	-0.006	90	870459	50.0	30.2	
21 N-Nitrosodi-n-propylamine	70	4.566	4.566	0.000	93	464236	50.0	30.5	
24 4-Methylphenol	108	4.584	4.584	0.000	96	636875	50.0	31.9	
23 3 & 4 Methylphenol	108	4.584	4.584	0.000	75	636875	50.0	31.9	
25 Hexachloroethane	117	4.648	4.648	-0.001	92	184027	50.0	22.6	
$ 26 Nitrobenzene-d5	82	4.707	4.707	0.000	92	690777	50.0	30.3	
27 Nitrobenzene	123	4.725	4.726	-0.006	88	289031	50.0	30.8	
28 n,n'-Dimethylaniline	120	4.725	4.731	-0.006	81	807761	50.0	27.9	
31 Isophorone	82	4.960	4.960	0.000	99	1281881	50.0	33.1	
29 2-Toluidine	107	5.095	5.020	0.082	64	669126		NC	
32 2-Nitrophenol	139	5.031	5.025	0.000	84	315866	50.0	30.2	
33 2,4-Dimethylphenol	122	5.095	5.090	-0.001	88	562022	50.0	33.4	
34 Bis(2-chloroethoxy)methane	93	5.172	5.166	0.000	96	764650	50.0	31.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.190	5.249	-0.059	89	52817	50.0	4.82	
36 2,4-Dichlorophenol	162	5.278	5.272	0.000	95	564784	50.0	33.6	
37 1,2,4-Trichlorobenzene	180	5.348	5.342	-0.001	94	527728	50.0	28.0	
* 38 Naphthalene-d8	136	5.401	5.401	0.000	99	2128240	40.0	40.0	
39 Naphthalene	128	5.419	5.419	0.000	99	1642614	50.0	28.7	
40 4-Chloroaniline	127	5.484	5.478	0.000	95	704098	50.0	29.7	
133 2,6-Dichlorophenol	162	5.490	5.490	0.000	95	550702	NC	NC	
41 Hexachlorobutadiene	225	5.548	5.542	0.000	97	329786	50.0	26.7	
42 Caprolactam	113	5.831	5.912	-0.088	85	94448	20.0	19.6	M
43 4-Chloro-3-methylphenol	107	5.978	5.965	0.006	97	578186	50.0	34.3	
44 2-Methylnaphthalene	142	6.090	6.083	0.000	84	1165593	50.0	31.4	
45 1-Methylnaphthalene	142	6.184	6.177	0.000	92	1070010	50.0	30.7	
46 Hexachlorocyclopentadiene	237	6.248	6.248	0.000	98	351096	50.0	21.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.260	6.260	0.000	98	617927	50.0	29.1	
48 2-tertbutyl-4-methylphenol	149	6.301	6.294	0.000	90	845453	50.0	33.5	
49 2,4,6-Trichlorophenol	196	6.378	6.372	0.006	92	452021	50.0	32.0	
50 2,4,5-Trichlorophenol	196	6.419	6.419	0.000	97	493197	50.0	32.1	
$ 51 2-Fluorobiphenyl	172	6.448	6.448	0.000	97	1447863	50.0	32.1	
52 1,1'-Biphenyl	154	6.542	6.543	-0.001	96	1517637	50.0	30.9	
53 2-Chloronaphthalene	162	6.560	6.560	0.000	97	1205332	50.0	31.3	
54 Phenyl ether	170	6.642	6.643	-0.001	87	838050	50.0	32.6	
55 2-Nitroaniline	65	6.666	6.666	0.000	94	465086	50.0	28.5	
57 1,3-Dimethylnaphthalene	156	6.772	6.772	0.000	92	966945	50.0	33.9	
61 1-Naphthylamine	143	6.772	6.789	-0.012	48	6012		NC	
58 Dimethyl phthalate	163	6.848	6.854	-0.006	99	1512422	50.0	33.8	
59 Coumarin	146	6.866	6.858	0.000	78	479534	50.0	35.8	
60 2,6-Dinitrotoluene	165	6.907	6.907	0.000	94	333894	50.0	34.6	
63 Acenaphthylene	152	6.954	6.954	0.000	97	1868954	50.0	32.3	
64 3-Nitroaniline	65	7.066	7.066	0.000	91	513409	50.0	31.6	
* 65 Acenaphthene-d10	164	7.095	7.090	0.005	95	1203929	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.119	7.119	0.000	97	1276435	50.0	31.9	
67 Acenaphthene	154	7.125	7.125	0.000	96	1095918	50.0	28.0	
68 2,4-Dinitrophenol	184	7.172	7.172	0.000	92	48155	100.0	10.1	
62 2-Naphthylamine	143	7.254	7.266	-0.006	46	661		NC	
69 4-Nitrophenol	65	7.260	7.260	0.000	97	636426	100.0	65.4	
71 Dibenzofuran	168	7.289	7.289	-0.001	99	1753152	50.0	32.6	
70 2,4-Dinitrotoluene	165	7.295	7.295	0.000	92	451108	50.0	35.1	
72 2,3,4,6-Tetrachlorophenol	232	7.419	7.419	0.000	96	380859	50.0	29.8	
73 Diethyl phthalate	149	7.525	7.525	0.000	98	1518996	50.0	33.6	
74 Fluorene	166	7.613	7.613	0.000	93	1421991	50.0	32.1	
75 4-Chlorophenyl phenyl ether	204	7.619	7.613	0.006	78	721389	50.0	32.9	
76 4-Nitroaniline	138	7.660	7.666	-0.006	94	340991	50.0	33.6	
77 4,6-Dinitro-2-methylphenol	198	7.689	7.695	-0.006	86	253805	100.0	32.5	
78 N-Nitrosodiphenylamine	169	7.736	7.736	-0.001	90	1021966	50.0	31.9	
79 1,2-Diphenylhydrazine	77	7.772	7.772	0.000	98	1470101	50.0	31.0	
$ 80 2,4,6-Tribromophenol	330	7.848	7.848	0.000	95	270781	50.0	35.5	
81 4-Bromophenyl phenyl ether	248	8.084	8.083	0.000	92	454033	50.0	31.4	
82 Hexachlorobenzene	284	8.148	8.148	0.000	96	505828	50.0	32.0	
83 Atrazine	200	8.254	8.254	0.000	92	272076	20.0	21.3	
84 Pentachlorophenol	266	8.348	8.348	0.000	94	442056	100.0	43.8	
85 Pentachloronitrobenzene	237	8.354	8.354	0.000	90	228247	50.0	31.7	
86 n-Octadecane	57	8.425	8.425	0.000	90	1248805	50.0	29.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 87 Phenanthrene-d10	188	8.513	8.507	0.006	98	2240338	40.0	40.0	
88 Phenanthrene	178	8.536	8.531	0.005	97	2160332	50.0	31.8	
89 Anthracene	178	8.583	8.584	-0.001	99	2230307	50.0	31.5	
90 Carbazole	167	8.742	8.742	0.000	96	1901931	50.0	32.6	
91 Di-n-butyl phthalate	149	9.078	9.078	0.000	100	2510955	50.0	32.6	
92 Fluoranthene	202	9.672	9.666	0.006	98	2308000	50.0	31.8	
93 Benzidine	184	9.801	9.801	0.000	99	1059748	50.0	30.7	
94 Pyrene	202	9.883	9.884	-0.001	98	2377214	50.0	33.8	
95 Bisphenol-A	213	9.948	9.948	0.000	98	536411	25.0	16.3	
$ 96 Terphenyl-d14	244	10.042	10.042	0.000	98	2042786	50.0	39.3	
97 Butyl benzyl phthalate	149	10.530	10.531	-0.001	98	973557	50.0	32.9	
99 Carbamazepine	193	10.642	10.642	0.000	93	761203	50.0	27.5	
100 3,3'-Dichlorobenzidine	252	11.107	11.107	0.000	98	730393	50.0	29.9	
101 Benzo[a]anthracene	228	11.125	11.125	-0.001	97	2173181	50.0	32.2	
* 102 Chrysene-d12	240	11.142	11.136	0.006	99	1891412	40.0	40.0	
103 Chrysene	228	11.166	11.166	0.000	99	2070758	50.0	31.8	
104 Bis(2-ethylhexyl) phthalate	149	11.177	11.172	0.005	90	1383855	50.0	31.9	
105 Di-n-octyl phthalate	149	11.983	11.983	0.000	97	2235063	50.0	37.8	
106 Benzo[b]fluoranthene	252	12.466	12.466	0.000	98	1970937	50.0	38.1	
107 Benzo[k]fluoranthene	252	12.501	12.507	-0.006	99	1950953	50.0	38.1	
108 Benzo[a]pyrene	252	12.907	12.907	0.000	98	1636036	50.0	37.7	
* 109 Perylene-d12	264	12.989	12.983	0.006	100	1637762	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.507	14.513	-0.006	98	1567216	50.0	34.6	M
111 Dibenz(a,h)anthracene	278	14.536	14.542	-0.006	98	1537780	50.0	35.3	
112 Benzo[g,h,i]perylene	276	14.912	14.924	-0.012	98	1465603	50.0	32.9	
S 119 Total Cresols	1				0			66.6	
127 4,4'-DDT	235	6.248	6.222	0.026	75	223420		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 11:23:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57873.d

Injection Date: 29-Aug-2020 03:35:30 Instrument ID: CBNAMS11 Operator ID:

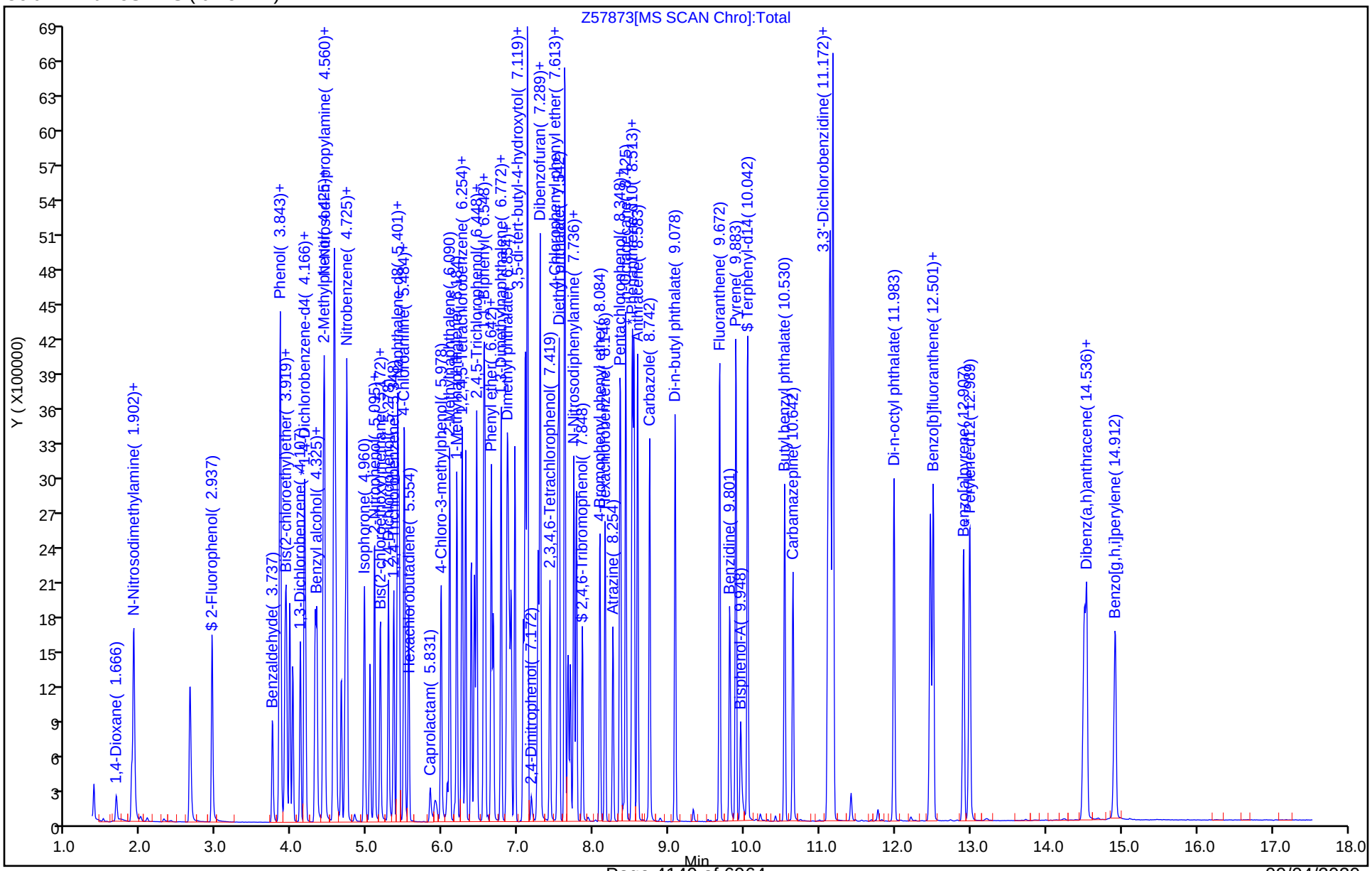
Lims ID: 460-217009-E-1-B MSD Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

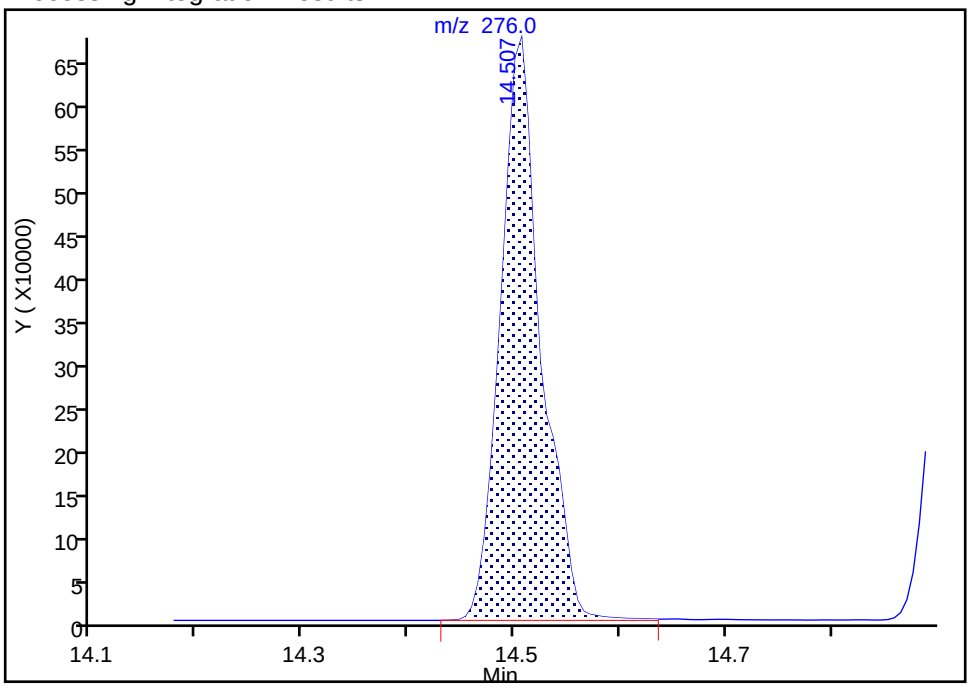
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20200828-115939.b\Z57873.d				
Injection Date:	29-Aug-2020 03:35:30	Instrument ID:	CBNAMS11		
Lims ID:	460-217009-E-1-B MSD				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

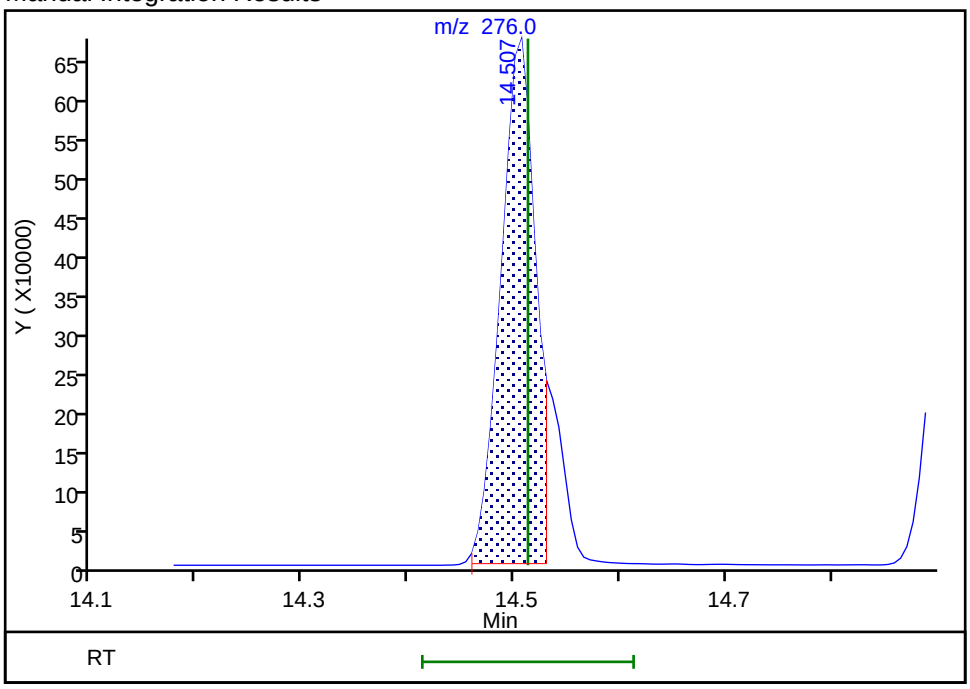
Processing Integration Results

RT: 14.51
Area: 1804247
Amount: 39.783159
Amount Units: ug/ml



Manual Integration Results

RT: 14.51
Area: 1567216
Amount: 34.556690
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:49:34

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216232-A-6-B MSD

Matrix: Solid Lab File ID: L33429.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 00:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	1.86		0.036	0.0092
95-50-1	1,2-Dichlorobenzene	1.70		0.36	0.0061
541-73-1	1,3-Dichlorobenzene	1.66		0.36	0.0047
106-46-7	1,4-Dichlorobenzene	1.66		0.36	0.014
123-91-1	1,4-Dioxane	1.18		0.11	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	1.90		0.36	0.0065
121-14-2	2,4-Dinitrotoluene	2.14		0.072	0.038
606-20-2	2,6-Dinitrotoluene	2.12		0.072	0.026
91-58-7	2-Chloronaphthalene	1.98		0.36	0.017
91-57-6	2-Methylnaphthalene	1.80		0.36	0.010
88-74-4	2-Nitroaniline	2.20		0.36	0.013
91-94-1	3,3'-Dichlorobenzidine	0.697		0.14	0.054
99-09-2	3-Nitroaniline	1.52		0.36	0.040
101-55-3	4-Bromophenyl phenyl ether	1.93		0.36	0.014
106-47-8	4-Chloroaniline	1.13		0.36	0.025
7005-72-3	4-Chlorophenyl phenyl ether	1.94		0.36	0.013
100-01-6	4-Nitroaniline	1.35		0.36	0.041
83-32-9	Acenaphthene	1.75		0.36	0.026
208-96-8	Acenaphthylene	1.95		0.36	0.0037
120-12-7	Anthracene	2.02		0.36	0.011
56-55-3	Benzo[a]anthracene	2.41		0.036	0.012
50-32-8	Benzo[a]pyrene	2.84		0.036	0.0095
205-99-2	Benzo[b]fluoranthene	3.16		0.036	0.0092
191-24-2	Benzo[g,h,i]perylene	2.12		0.36	0.011
207-08-9	Benzo[k]fluoranthene	2.22		0.036	0.0070
111-91-1	Bis(2-chloroethoxy)methane	1.79		0.36	0.028
111-44-4	Bis(2-chloroethyl)ether	1.71		0.036	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	1.80		0.36	0.019
85-68-7	Butyl benzyl phthalate	1.89		0.36	0.017
86-74-8	Carbazole	1.79		0.36	0.014
218-01-9	Chrysene	2.59		0.36	0.0060
53-70-3	Dibenz(a,h)anthracene	2.21		0.036	0.015
132-64-9	Dibenzofuran	1.93		0.36	0.0050
84-66-2	Diethyl phthalate	1.85		0.36	0.0052

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216232-A-6-B MSD

Matrix: Solid Lab File ID: L33429.d

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/27/2020 09:32

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 00:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720113 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	1.92		0.36	0.081
84-74-2	Di-n-butyl phthalate	1.82		0.36	0.063
117-84-0	Di-n-octyl phthalate	1.85		0.36	0.019
206-44-0	Fluoranthene	3.20		0.36	0.012
86-73-7	Fluorene	1.93		0.36	0.0048
118-74-1	Hexachlorobenzene	1.80		0.036	0.017
87-68-3	Hexachlorobutadiene	2.06		0.072	0.0076
77-47-4	Hexachlorocyclopentadiene	0.818		0.36	0.031
67-72-1	Hexachloroethane	1.76		0.036	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	2.65		0.036	0.014
78-59-1	Isophorone	1.84		0.14	0.10
91-20-3	Naphthalene	1.82		0.36	0.0062
98-95-3	Nitrobenzene	1.78		0.036	0.0086
621-64-7	N-Nitrosodi-n-propylamine	1.70		0.036	0.026
86-30-6	N-Nitrosodiphenylamine	1.93		0.36	0.0068
85-01-8	Phenanthrene	2.70		0.36	0.0063
129-00-0	Pyrene	2.93		0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	54		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	52		19-105
1718-51-0	Terphenyl-d14 (Surr)	52		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33429.d
Lims ID: 460-216232-A-6-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 28-Aug-2020 00:34:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115878-015
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-Aug-2020 13:23:12 Calib Date: 29-Jul-2020 16:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20200729-114127.b\L32316.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1023

First Level Reviewer: khlungprakhons Date: 28-Aug-2020 13:23:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.728	1.704	0.024	85	21778	50.0	16.4	
2 N-Nitrosodimethylamine	74	1.963	1.940	0.023	70	47610	50.0	21.7	
3 Pyridine	79	1.999	1.969	0.030	70	93691	100.0	25.7	
$ 4 2-Fluorophenol	112	3.134	3.112	0.018	88	87356	50.0	24.6	
5 Benzaldehyde	77	3.940	3.934	0.000	90	40956	20.0	13.3	
$ 6 Phenol-d5	99	4.028	4.022	0.000	0	108705	50.0	24.1	
8 Aniline	93	4.045	4.040	0.005	96	70024	50.0	12.0	
7 Phenol	94	4.040	4.040	0.000	84	113230	50.0	23.7	
9 Bis(2-chloroethyl)ether	93	4.098	4.098	0.000	89	84328	50.0	23.8	
10 2-Chlorophenol	128	4.163	4.163	0.000	90	89782	50.0	24.5	
11 n-Decane	43	4.204	4.199	0.000	92	126342	50.0	23.8	
12 1,3-Dichlorobenzene	146	4.304	4.304	0.000	94	94109	50.0	23.1	
* 13 1,4-Dichlorobenzene-d4	152	4.357	4.357	0.000	97	106748	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.375	4.369	0.006	96	94747	50.0	23.1	
15 Benzyl alcohol	108	4.493	4.493	0.000	90	57644	50.0	24.7	
16 1,2-Dichlorobenzene	146	4.522	4.516	0.006	95	91350	50.0	23.6	
17 2-Methylphenol	108	4.616	4.616	0.000	84	79881	50.0	24.8	
18 2,2'-oxybis[1-chloropropane]	45	4.616	4.616	0.000	91	187577	50.0	26.4	
130 N-Methylaniline	106	4.734	4.734	0.000	92	115535	50.0	20.4	
22 Acetophenone	105	4.740	4.745	-0.005	85	122025	50.0	24.4	
21 N-Nitrosodi-n-propylamine	70	4.745	4.745	0.000	95	65030	50.0	23.6	
20 3 & 4 Methylphenol	108	4.763	4.763	0.000	93	83721	50.0	22.6	
19 4-Methylphenol	108	4.763	4.763	0.000	95	83721	50.0	22.6	
25 Hexachloroethane	117	4.840	4.840	0.001	94	35736	50.0	24.5	
$ 26 Nitrobenzene-d5	82	4.887	4.887	0.000	96	95020	50.0	26.2	
27 Nitrobenzene	123	4.904	4.910	-0.006	89	40880	50.0	24.7	
28 n,n'-Dimethylaniline	120	4.904	4.910	-0.006	76	104088	50.0	19.3	
29 Isophorone	82	5.128	5.134	-0.006	97	165063	50.0	25.6	
30 2-Nitrophenol	139	5.210	5.210	0.000	83	48138	50.0	29.9	
31 2,4-Dimethylphenol	122	5.263	5.269	-0.006	88	73856	50.0	25.4	
24 2-Toluidine	107	5.363	5.274	0.082	1	106		NC	
32 Bis(2-chloroethoxy)methane	93	5.340	5.340	0.001	92	100489	50.0	25.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.375	5.392	-0.017	94	32370	50.0	19.9	
34 2,4-Dichlorophenol	162	5.451	5.451	0.000	92	73933	50.0	27.0	
35 1,2,4-Trichlorobenzene	180	5.522	5.522	0.000	95	78988	50.0	25.9	
* 36 Naphthalene-d8	136	5.569	5.569	0.000	99	376147	40.0	40.0	
37 Naphthalene	128	5.587	5.593	-0.005	98	242483	50.0	25.3	
38 4-Chloroaniline	127	5.651	5.651	0.000	95	65239	50.0	15.7	
131 2,6-Dichlorophenol	162	5.657	5.663	-0.006	93	71817	NC	NC	
39 Hexachlorobutadiene	225	5.716	5.716	0.000	95	48084	50.0	28.6	
40 Caprolactam	113	5.969	5.987	-0.017	82	11892	20.0	14.3	
41 4-Chloro-3-methylphenol	107	6.134	6.134	0.000	97	71082	50.0	25.0	
42 2-Methylnaphthalene	142	6.251	6.251	0.000	84	167227	50.0	25.1	
43 1-Methylnaphthalene	142	6.339	6.345	-0.006	93	150638	50.0	24.3	
44 Hexachlorocyclopentadiene	237	6.404	6.405	-0.006	96	20681	50.0	11.4	
45 1,2,4,5-Tetrachlorobenzene	216	6.416	6.411	0.000	97	76951	50.0	28.1	
46 2-tertbutyl-4-methylphenol	149	6.451	6.457	-0.006	89	102723	50.0	24.9	
48 2,4,6-Trichlorophenol	196	6.534	6.528	0.001	89	50535	50.0	28.1	
49 2,4,5-Trichlorophenol	196	6.575	6.569	0.000	96	52746	50.0	26.1	
$ 50 2-Fluorobiphenyl	172	6.598	6.599	-0.006	97	180519	50.0	26.9	
51 1,1'-Biphenyl	154	6.692	6.693	-0.006	96	200394	50.0	27.6	
52 2-Chloronaphthalene	162	6.710	6.710	-0.006	98	150981	50.0	27.6	
53 Phenyl ether	170	6.792	6.787	0.000	87	104798	50.0	27.8	
57 2-Naphthylamine	143	6.792	6.799	-0.012	45	3635		NC	
56 1-Naphthylamine	143	6.792	6.799	-0.012	46	3635		NC	
54 2-Nitroaniline	65	6.816	6.816	-0.006	95	64767	50.0	30.7	
55 1,3-Dimethylnaphthalene	156	6.922	6.916	0.000	91	119409	50.0	27.7	
58 Dimethyl phthalate	163	6.986	6.987	-0.006	98	169522	50.0	26.7	
59 Coumarin	146	7.010	7.010	-0.006	80	53252	50.0	22.4	a
60 2,6-Dinitrotoluene	165	7.045	7.045	-0.006	91	37333	50.0	29.5	
61 Acenaphthylene	152	7.104	7.098	0.000	98	241920	50.0	27.1	
62 3-Nitroaniline	138	7.204	7.204	-0.006	89	33074	50.0	21.2	
* 63 Acenaphthene-d10	164	7.234	7.239	-0.005	96	173892	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.263	7.257	0.000	99	119467	50.0	25.8	
65 Acenaphthene	154	7.269	7.263	0.000	96	139889	50.0	24.4	
66 2,4-Dinitrophenol	184	7.316	7.316	-0.006	89	35260	100.0	54.8	
67 4-Nitrophenol	65	7.398	7.398	-0.006	94	65573	100.0	51.2	
69 Dibenzofuran	168	7.434	7.428	0.001	99	215937	50.0	26.8	
68 2,4-Dinitrotoluene	165	7.434	7.433	-0.005	80	49364	50.0	29.8	
70 2,3,4,6-Tetrachlorophenol	232	7.563	7.557	0.000	93	37720	50.0	24.3	
71 Diethyl phthalate	149	7.657	7.657	-0.006	97	175433	50.0	25.8	
73 4-Chlorophenyl phenyl ether	204	7.757	7.751	0.000	75	78658	50.0	27.0	
74 Fluorene	166	7.757	7.751	0.000	94	172614	50.0	26.8	
75 4-Nitroaniline	138	7.786	7.792	-0.012	94	30064	50.0	18.8	
76 4,6-Dinitro-2-methylphenol	198	7.828	7.828	-0.005	76	44632	100.0	58.7	
77 N-Nitrosodiphenylamine	169	7.869	7.869	-0.006	99	116647	50.0	26.8	
78 1,2-Diphenylhydrazine	77	7.904	7.905	-0.006	98	169849	50.0	28.5	
$ 79 2,4,6-Tribromophenol	330	7.986	7.986	-0.006	95	25329	50.0	27.7	
80 4-Bromophenyl phenyl ether	248	8.216	8.216	-0.006	86	45484	50.0	26.8	
81 Hexachlorobenzene	284	8.286	8.281	0.000	98	47139	50.0	25.0	
82 Atrazine	200	8.380	8.381	-0.006	87	25101	20.0	16.3	
83 Pentachlorophenol	266	8.480	8.475	0.000	93	44584	100.0	43.2	
84 Pentachloronitrobenzene	237	8.486	8.486	-0.006	85	21144	50.0	28.7	
72 n-Octadecane	57	8.551	8.551	-0.006	89	161479	50.0	29.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 85 Phenanthrene-d10	188	8.639	8.645	-0.006	99	301487	40.0	40.0	
86 Phenanthrene	178	8.663	8.663	-0.006	98	325546	50.0	37.5	
87 Anthracene	178	8.710	8.710	-0.006	98	251857	50.0	28.0	
88 Carbazole	167	8.869	8.869	-0.006	96	211626	50.0	24.9	
89 Di-n-butyl phthalate	149	9.204	9.198	0.000	99	272111	50.0	25.3	
90 Fluoranthene	202	9.786	9.786	-0.006	98	442765	50.0	44.6	
92 Pyrene	202	9.998	9.994	-0.006	97	411677	50.0	40.8	
93 Bisphenol-A	213	10.063	10.052	0.000	98	57028	25.0	15.3	
$ 94 Terphenyl-d14	244	10.151	10.146	-0.006	98	170427	50.0	25.9	
95 Butyl benzyl phthalate	149	10.651	10.640	0.000	97	111685	50.0	26.3	
97 Carbamazepine	193	10.763	10.757	-0.005	92	92771	50.0	25.3	
98 3,3'-Dichlorobenzidine	252	11.233	11.227	-0.006	99	31835	50.0	9.70	
99 Benzo[a]anthracene	228	11.257	11.245	0.000	99	302575	50.0	33.5	
* 100 Chrysene-d12	240	11.269	11.274	-0.005	99	254245	40.0	40.0	
101 Chrysene	228	11.298	11.292	-0.006	98	309703	50.0	36.0	
102 Bis(2-ethylhexyl) phthalate	149	11.310	11.298	0.000	87	157890	50.0	25.0	
103 Di-n-octyl phthalate	149	12.139	12.145	-0.006	97	297747	50.0	25.8	
104 Benzo[b]fluoranthene	252	12.639	12.627	0.000	98	406590	50.0	44.0	
105 Benzo[k]fluoranthene	252	12.674	12.657	0.000	99	304227	50.0	30.9	
106 Benzo[a]pyrene	252	13.086	13.092	-0.006	97	325250	50.0	39.6	
* 107 Perylene-d12	264	13.168	13.168	0.000	99	316223	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.745	14.745	-0.006	99	319082	50.0	36.9	M
109 Dibenz(a,h)anthracene	278	14.774	14.786	-0.012	95	261146	50.0	30.8	
110 Benzo[g,h,i]perylene	276	15.186	15.192	-0.006	97	281539	50.0	29.5	
S 117 Total Cresols	1				0			47.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 28-Aug-2020 13:23:31 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33429.d

Injection Date: 28-Aug-2020 00:34:30 Instrument ID: CBNAMS12 Operator ID:

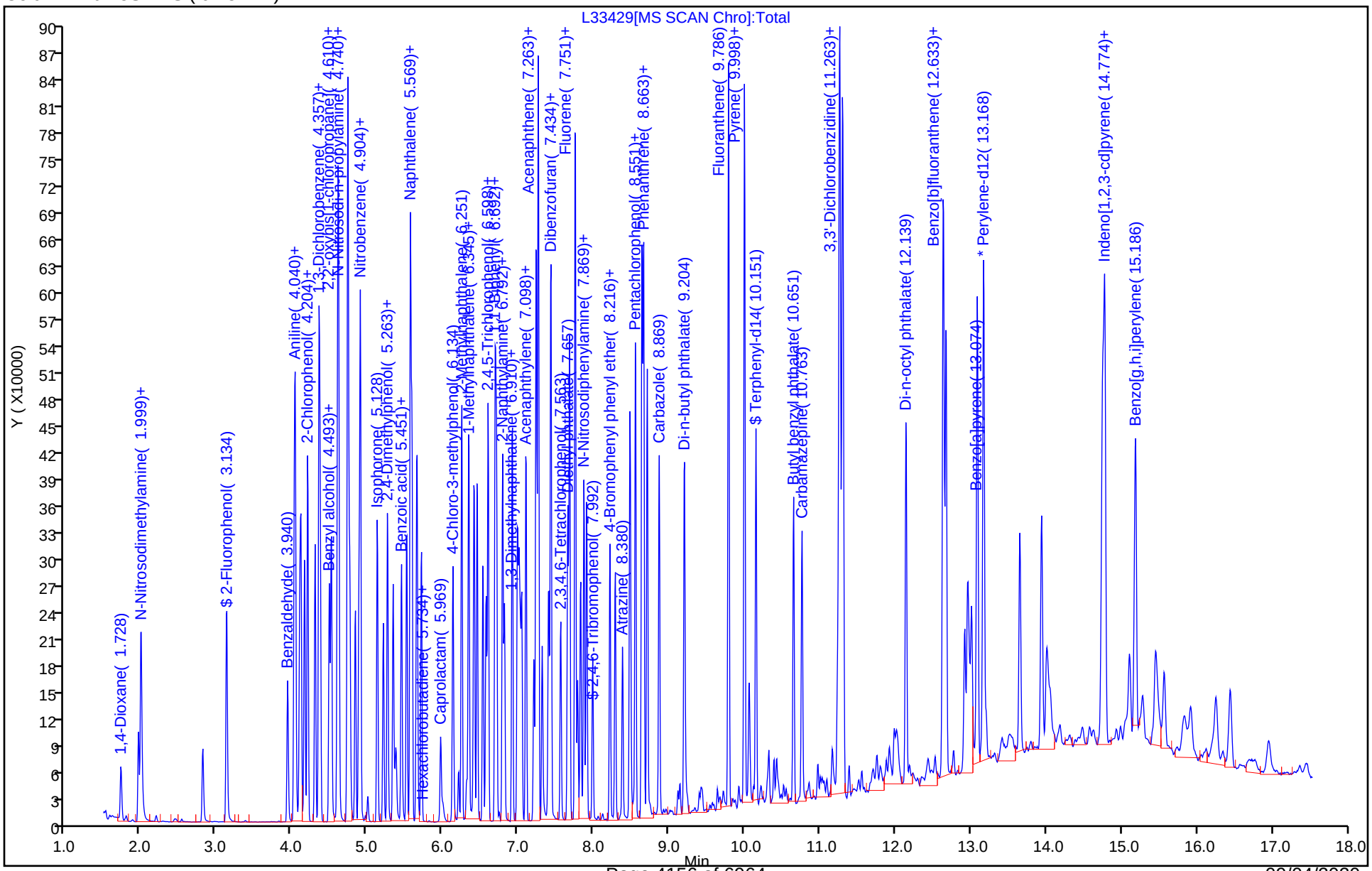
Lims ID: 460-216232-A-6-B MSD Worklist Smp#: 15

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

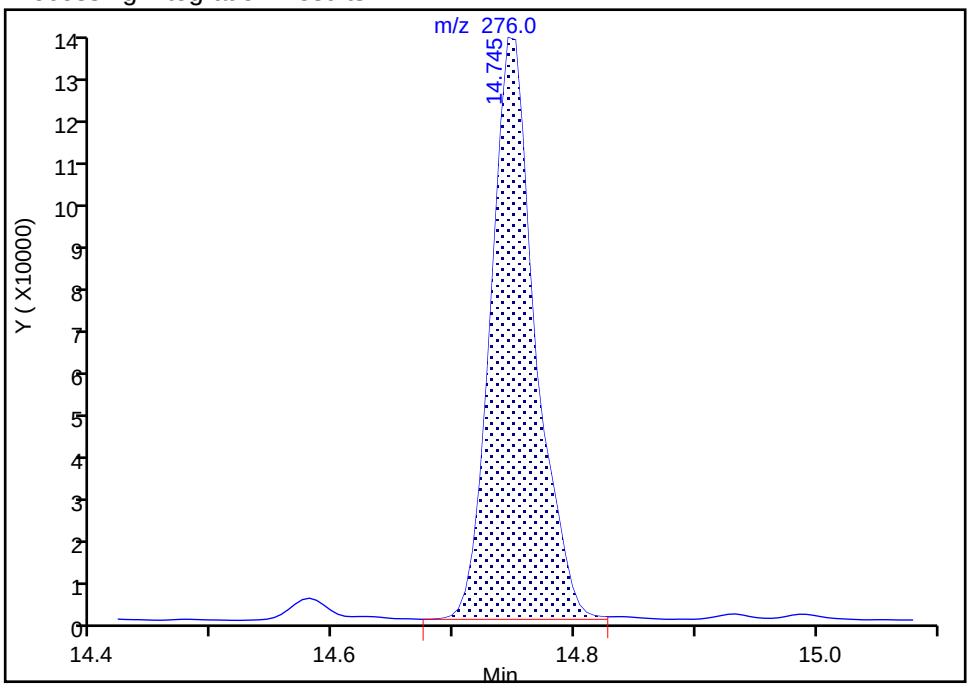
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20200827-115878.b\L33429.d				
Injection Date:	28-Aug-2020 00:34:30	Instrument ID:	CBNAMS12		
Lims ID:	460-216232-A-6-B MSD				
Client ID:					
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

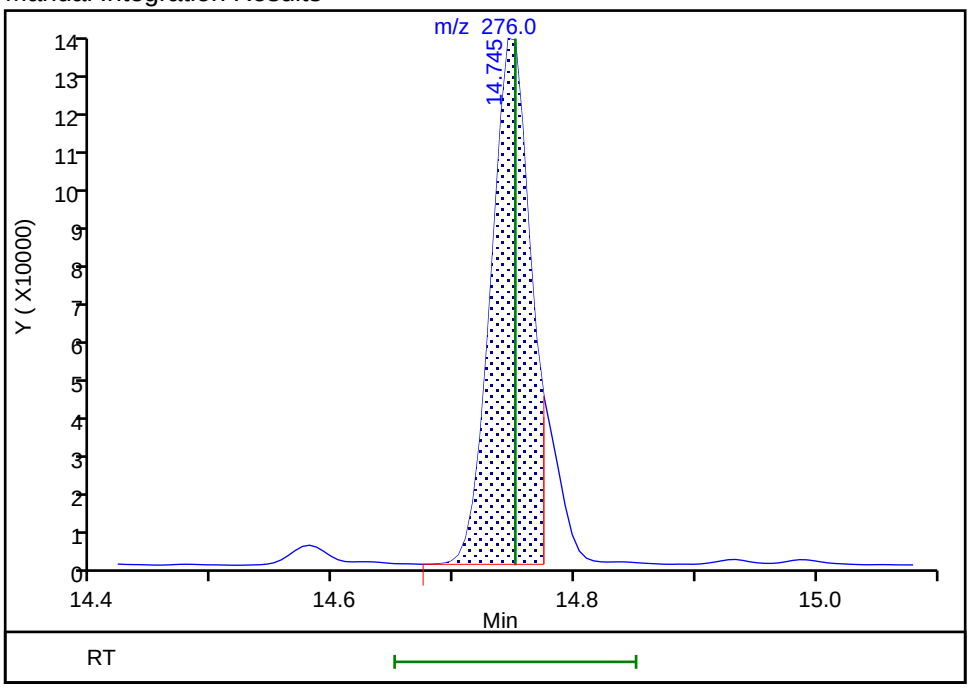
Processing Integration Results

RT: 14.74
Area: 351217
Amount: 40.629768
Amount Units: ug/ml



Manual Integration Results

RT: 14.74
Area: 319082
Amount: 36.912301
Amount Units: ug/ml



Reviewer: khlungprakhons, 28-Aug-2020 13:23:09

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216576-A-1-D MSD

Matrix: Solid Lab File ID: f4516065.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/29/2020 05:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 64.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	4.42		0.093	0.024
95-50-1	1,2-Dichlorobenzene	3.90		0.93	0.016
541-73-1	1,3-Dichlorobenzene	3.88		0.93	0.012
106-46-7	1,4-Dichlorobenzene	3.79		0.93	0.036
123-91-1	1,4-Dioxane	2.58		0.28	0.026
108-60-1	2,2'-oxybis[1-chloropropane]	3.88		0.93	0.017
121-14-2	2,4-Dinitrotoluene	5.16		0.19	0.10
606-20-2	2,6-Dinitrotoluene	5.56		0.19	0.067
91-58-7	2-Chloronaphthalene	4.47		0.93	0.043
91-57-6	2-Methylnaphthalene	4.53		0.93	0.026
88-74-4	2-Nitroaniline	4.85		0.93	0.035
91-94-1	3,3'-Dichlorobenzidine	1.72		0.37	0.14
99-09-2	3-Nitroaniline	4.27		0.93	0.11
101-55-3	4-Bromophenyl phenyl ether	4.97		0.93	0.037
106-47-8	4-Chloroaniline	3.10		0.93	0.065
7005-72-3	4-Chlorophenyl phenyl ether	4.93		0.93	0.033
100-01-6	4-Nitroaniline	3.50		0.93	0.11
83-32-9	Acenaphthene	4.56		0.93	0.068
208-96-8	Acenaphthylene	4.58		0.93	0.0096
120-12-7	Anthracene	4.68		0.93	0.028
56-55-3	Benzo[a]anthracene	4.69		0.093	0.033
50-32-8	Benzo[a]pyrene	5.46		0.093	0.025
205-99-2	Benzo[b]fluoranthene	5.80		0.093	0.024
191-24-2	Benzo[g,h,i]perylene	3.72		0.93	0.027
207-08-9	Benzo[k]fluoranthene	5.39		0.093	0.018
111-91-1	Bis(2-chloroethoxy)methane	4.11		0.93	0.073
111-44-4	Bis(2-chloroethyl)ether	3.86		0.093	0.032
117-81-7	Bis(2-ethylhexyl) phthalate	5.09		0.93	0.049
85-68-7	Butyl benzyl phthalate	4.75		0.93	0.044
86-74-8	Carbazole	4.38		0.93	0.036
218-01-9	Chrysene	4.77		0.93	0.016
53-70-3	Dibenz(a,h)anthracene	4.41		0.093	0.040
132-64-9	Dibenzofuran	4.71		0.93	0.013
84-66-2	Diethyl phthalate	4.69		0.93	0.014

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216576-A-1-D MSD

Matrix: Solid Lab File ID: f4516065.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3546 Date Extracted: 08/28/2020 09:19

Sample wt/vol: 15.00(g) Date Analyzed: 08/29/2020 05:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 64.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720409 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	4.74		0.93	0.21
84-74-2	Di-n-butyl phthalate	4.55		0.93	0.16
117-84-0	Di-n-octyl phthalate	5.67		0.93	0.049
206-44-0	Fluoranthene	5.00		0.93	0.033
86-73-7	Fluorene	4.70		0.93	0.013
118-74-1	Hexachlorobenzene	4.65		0.093	0.044
87-68-3	Hexachlorobutadiene	4.76		0.19	0.020
77-47-4	Hexachlorocyclopentadiene	0.660	J	0.93	0.082
67-72-1	Hexachloroethane	3.74		0.093	0.032
193-39-5	Indeno[1,2,3-cd]pyrene	4.12		0.093	0.036
78-59-1	Isophorone	4.33		0.37	0.27
91-20-3	Naphthalene	4.24		0.93	0.016
98-95-3	Nitrobenzene	4.34		0.093	0.022
621-64-7	N-Nitrosodi-n-propylamine	4.04		0.093	0.068
86-30-6	N-Nitrosodiphenylamine	4.62		0.93	0.018
85-01-8	Phenanthrene	4.88		0.93	0.016
129-00-0	Pyrene	4.67		0.93	0.023

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	47		25-104
4165-60-0	Nitrobenzene-d5 (Surr)	46		19-105
1718-51-0	Terphenyl-d14 (Surr)	52		25-127

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516065.D
Lims ID: 460-216576-A-1-D MSD
Client ID:
Sample Type: MSD
Inject. Date: 29-Aug-2020 05:50:30 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115941-037
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\8270_15R_9.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 12:51:51 Calib Date: 21-Aug-2020 00:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20200820-115490.b\f4515697.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1028

First Level Reviewer: hamziy Date: 29-Aug-2020 19:06:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.627	1.626	-0.006	94	16623	50.0	13.7	
2 N-Nitrosodimethylamine	74	1.745	1.749	-0.009	77	32381	50.0	17.6	
3 Pyridine	79	1.769	1.767	-0.005	77	82687	100.0	25.4	
$ 5 2-Fluorophenol	112	2.427	2.432	-0.005	88	57477	50.0	20.4	
7 Benzaldehyde	77	3.012	3.022	-0.010	87	29438	20.0	10.8	
$ 8 Phenol-d5	99	3.053	3.063	-0.010	98	77949	50.0	21.2	
9 Phenol	94	3.062	3.058	-0.010	95	80314	50.0	21.2	
10 Aniline	93	3.086	3.088	-0.013	1	50881	50.0	10.9	a
11 Bis(2-chloroethyl)ether	93	3.133	3.139	-0.016	89	63697	50.0	20.5	
12 2-Chlorophenol	128	3.174	3.175	-0.010	83	58382	50.0	21.6	
13 n-Decane	43	3.213	3.226	-0.013	95	91144	50.0	18.1	
14 1,3-Dichlorobenzene	146	3.287	3.290	-0.012	90	59260	50.0	20.7	
* 15 1,4-Dichlorobenzene-d4	152	3.331	3.341	-0.010	98	72921	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.343	3.345	-0.012	77	58866	50.0	20.2	
17 Benzyl alcohol	108	3.434	3.432	-0.010	88	42482	50.0	22.1	
18 1,2-Dichlorobenzene	146	3.455	3.454	-0.010	87	57570	50.0	20.8	
19 2-Methylphenol	108	3.520	3.519	-0.009	82	58417	50.0	22.6	
20 2,2'-oxybis[1-chloropropane]	45	3.540	3.543	-0.013	92	134055	50.0	20.7	
130 N-Methylaniline	106	3.629	3.642	-0.013	0	93973	50.0	20.2	a
21 Acetophenone	105	3.638	3.635	-0.012	80	92338	50.0	21.4	
22 4-Methylphenol	108	3.641	3.635	-0.012	73	67187	50.0	22.5	
23 3 & 4 Methylphenol	108	3.641	3.636	-0.012	75	67187	50.0	22.5	
24 N-Nitrosodi-n-propylamine	70	3.641	3.653	-0.012	86	46719	50.0	21.5	
25 Hexachloroethane	117	3.712	3.710	-0.009	93	24806	50.0	19.9	
$ 26 Nitrobenzene-d5	82	3.750	3.762	-0.012	94	76895	50.0	22.9	
27 Nitrobenzene	123	3.765	3.769	-0.012	85	29324	50.0	23.1	
28 n,n'-Dimethylaniline	120	3.768	3.769	-0.012	74	84328	50.0	20.2	
29 Isophorone	82	3.953	3.956	-0.013	98	139573	50.0	23.0	
30 2-Nitrophenol	139	4.010	4.010	-0.009	75	31203	50.0	26.6	
31 2,4-Dimethylphenol	122	4.054	4.055	-0.009	86	55243	50.0	23.4	
32 Bis(2-chloroethoxy)methane	93	4.131	4.131	-0.009	94	81650	50.0	21.9	
33 Benzoic acid	122	4.131	4.161	-0.030	39	35134	50.0	25.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.198	4.199	-0.010	89	51169	50.0	25.7	
35 1,2,4-Trichlorobenzene	180	4.263	4.264	-0.010	93	52093	50.0	23.5	
* 36 Naphthalene-d8	136	4.305	4.314	-0.009	99	282956	40.0	40.0	
37 Naphthalene	128	4.322	4.320	-0.010	97	170659	50.0	22.6	
38 4-Chloroaniline	127	4.370	4.368	-0.009	83	52932	50.0	16.5	
39 Hexachlorobutadiene	225	4.423	4.422	-0.009	93	29482	50.0	25.3	
40 Caprolactam	113	4.641	4.644	-0.015	86	8470	20.0	11.5	
41 4-Chloro-3-methylphenol	107	4.756	4.755	-0.009	95	64889	50.0	26.3	
42 2-Methylnaphthalene	142	4.860	4.869	-0.009	81	120503	50.0	24.1	
43 1-Methylnaphthalene	142	4.936	4.942	-0.006	89	111754	50.0	23.8	
44 Hexachlorocyclopentadiene	237	4.984	4.985	-0.009	42	4855	50.0	3.51	
45 1,2,4,5-Tetrachlorobenzene	216	4.990	4.991	-0.008	95	54055	50.0	24.6	
46 2-tertbutyl-4-methylphenol	149	5.031	5.026	-0.009	84	77742	50.0	25.7	
47 2,4,6-Trichlorophenol	196	5.081	5.083	-0.009	83	39542	50.0	26.3	
48 2,4,5-Trichlorophenol	196	5.111	5.109	-0.005	92	44696	50.0	27.3	
49 2-Toluidine	107	5.111	5.129	-0.034	35	3172		NC	
$ 50 2-Fluorobiphenyl	172	5.149	5.158	-0.009	97	131850	50.0	23.5	
51 1,1'-Biphenyl	154	5.226	5.232	-0.006	97	146515	50.0	23.7	
52 2-Chloronaphthalene	162	5.235	5.236	-0.008	96	114171	50.0	23.8	
53 Phenyl ether	170	5.308	5.308	-0.009	90	76009	50.0	23.7	
54 2-Nitroaniline	65	5.317	5.317	-0.009	90	59442	50.0	25.8	
55 1,3-Dimethylnaphthalene	156	5.406	5.411	-0.005	89	91760	50.0	24.7	
56 Dimethyl phthalate	163	5.471	5.473	-0.011	94	140823	50.0	25.2	
57 Coumarin	146	5.474	5.467	-0.008	74	45001	50.0	24.9	
58 2,6-Dinitrotoluene	165	5.512	5.512	-0.009	70	31915	50.0	29.6	
59 Acenaphthylene	152	5.551	5.556	-0.006	97	184625	50.0	24.4	
60 3-Nitroaniline	138	5.633	5.632	-0.008	88	30618	50.0	22.7	
* 61 Acenaphthene-d10	164	5.660	5.665	-0.005	95	151094	40.0	40.0	
62 Acenaphthene	154	5.683	5.692	-0.009	94	109502	50.0	24.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.692	5.691	-0.008	88	96382	50.0	25.2	
64 2,4-Dinitrophenol	184	5.716	5.716	-0.008	59	26029	100.0	51.6	
65 4-Nitrophenol	65	5.778	5.773	-0.005	95	74239	100.0	50.8	
67 2,4-Dinitrotoluene	165	5.813	5.811	-0.008	70	41259	50.0	27.4	
66 Dibenzofuran	168	5.816	5.824	-0.008	90	166222	50.0	25.0	
68 2,3,4,6-Tetrachlorophenol	232	5.911	5.910	-0.008	90	35817	50.0	29.4	
69 Diethyl phthalate	149	6.014	6.011	-0.008	97	149404	50.0	25.0	
70 Fluorene	166	6.076	6.074	-0.008	81	136693	50.0	25.0	
71 4-Chlorophenyl phenyl ether	204	6.085	6.081	-0.005	81	63053	50.0	26.2	
72 4-Nitroaniline	138	6.097	6.105	-0.017	48	25942	50.0	18.6	
73 4,6-Dinitro-2-methylphenol	198	6.124	6.130	-0.010	66	39942	100.0	60.1	
74 N-Nitrosodiphenylamine	169	6.177	6.184	-0.007	31	101142	50.0	24.6	
75 1,2-Diphenylhydrazine	77	6.204	6.211	-0.007	67	177115	50.0	22.7	
$ 76 2,4,6-Tribromophenol	330	6.260	6.264	-0.004	94	26466	50.0	29.6	
77 4-Bromophenyl phenyl ether	248	6.455	6.454	-0.004	80	39464	50.0	26.5	
78 Hexachlorobenzene	284	6.491	6.490	-0.004	96	45672	50.0	24.8	
79 Atrazine	200	6.594	6.592	-0.004	75	21018	20.0	14.1	
80 Pentachlorophenol	266	6.645	6.645	-0.007	90	57800	100.0	58.0	
81 Pentachloronitrobenzene	237	6.653	6.653	-0.007	83	19224	50.0	28.6	
86 1-Naphthylamine	143	6.751	6.729	0.012	1	188		NC	
82 n-Octadecane	57	6.736	6.743	-0.007	91	163479	50.0	23.6	
* 83 Phenanthrene-d10	188	6.787	6.790	-0.003	98	276437	40.0	40.0	
84 Phenanthrene	178	6.804	6.808	-0.004	98	214457	50.0	26.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.840	6.838	-0.006	97	211302	50.0	24.9	
87 Carbazole	167	6.967	6.973	-0.006	83	184413	50.0	23.3	
88 Di-n-butyl phthalate	149	7.252	7.256	-0.004	99	255707	50.0	24.2	
89 Fluoranthene	202	7.697	7.702	-0.005	97	229323	50.0	26.6	
91 Pyrene	202	7.866	7.870	-0.004	97	238788	50.0	24.9	
92 Bisphenol-A	213	7.922	7.926	-0.004	96	53207	25.0	14.3	
$ 93 Terphenyl-d14	244	7.996	8.003	-0.007	98	169861	50.0	26.1	
95 Butyl benzyl phthalate	149	8.388	8.379	-0.007	96	117520	50.0	25.3	
97 Carbamazepine	193	8.465	8.472	-0.007	85	71623	50.0	18.2	
99 3,3'-Dichlorobenzidine	252	8.822	8.815	-0.007	86	30052	50.0	9.15	
100 Benzo[a]anthracene	228	8.836	8.841	-0.005	99	218654	50.0	25.0	
* 98 Chrysene-d12	240	8.845	8.850	-0.005	99	254109	40.0	40.0	
101 Chrysene	228	8.866	8.874	-0.008	95	218119	50.0	25.4	
102 Bis(2-ethylhexyl) phthalate	149	8.899	8.906	-0.007	86	197960	50.0	27.1	
103 Di-n-octyl phthalate	149	9.537	9.529	-0.007	94	308732	50.0	30.2	
104 Benzo[b]fluoranthene	252	9.873	9.880	-0.007	98	222645	50.0	30.9	
105 Benzo[k]fluoranthene	252	9.902	9.901	-0.008	99	215396	50.0	28.7	
106 Benzo[a]pyrene	252	10.208	10.217	-0.009	96	181693	50.0	29.1	
* 107 Perylene-d12	264	10.271	10.276	-0.005	98	245705	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.393	11.385	-0.013	99	142569	50.0	21.9	M
109 Dibenz(a,h)anthracene	278	11.423	11.424	-0.016	95	155778	50.0	23.5	
110 Benzo[g,h,i]perylene	276	11.682	11.699	-0.017	93	146834	50.0	19.8	
S 117 Total Cresols	1				0			45.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00189 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 31-Aug-2020 12:53:01 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516065.D

Injection Date: 29-Aug-2020 05:50:30 Instrument ID: CBNAMS15 Operator ID:

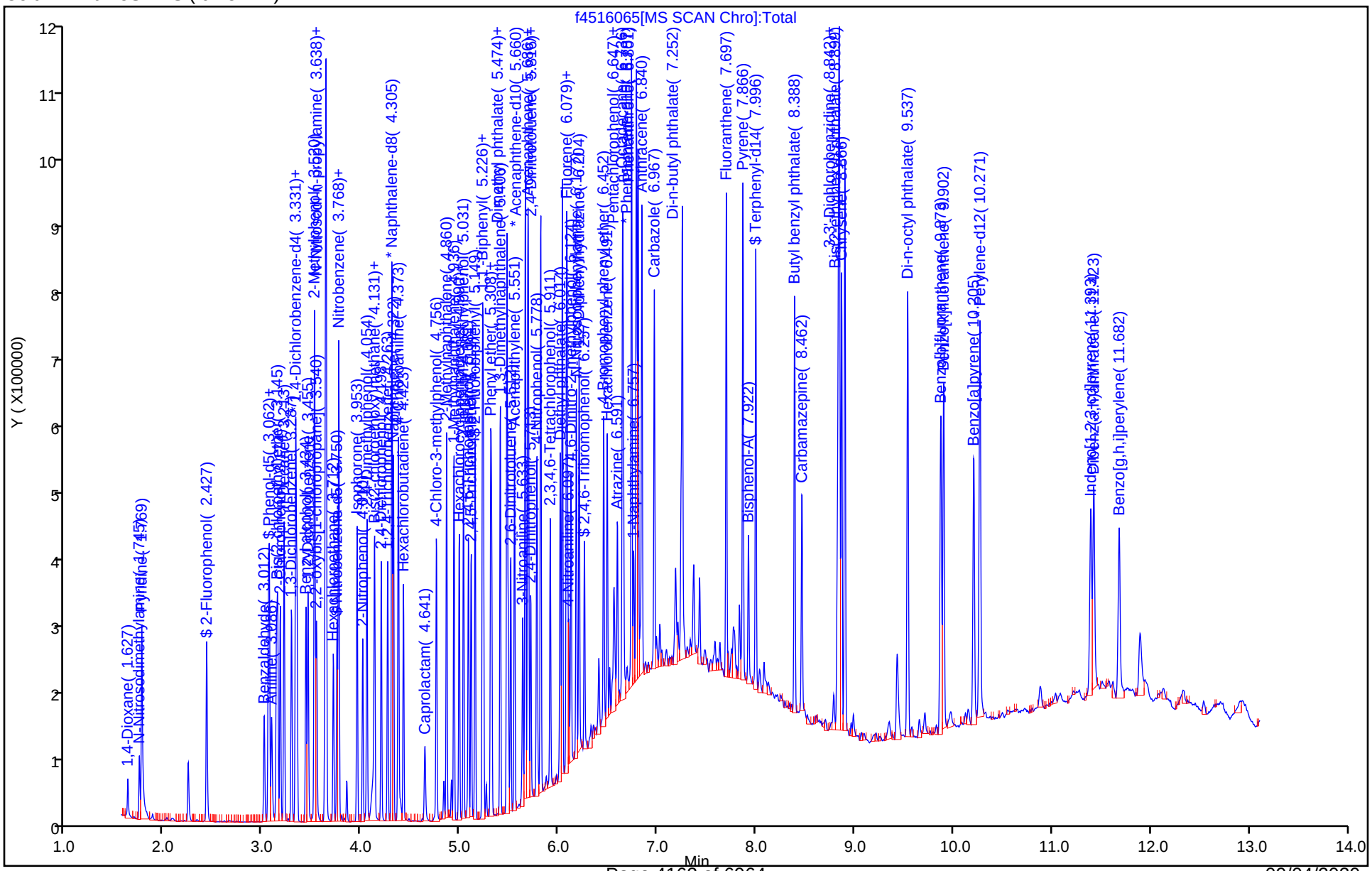
Lims ID: 460-216576-A-1-D MSD Worklist Smp#: 37

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 37

Method: 8270_15R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

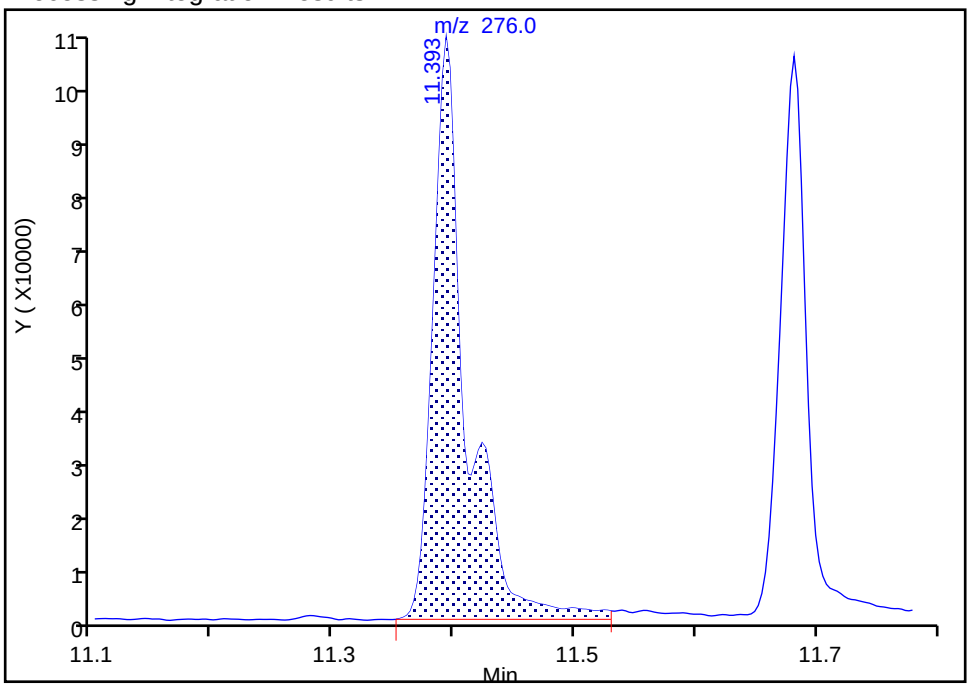
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20200828-115941.b\f4516065.D				
Injection Date:	29-Aug-2020 05:50:30	Instrument ID:	CBNAMS15		
Lims ID:	460-216576-A-1-D MSD				
Client ID:					
Operator ID:		ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

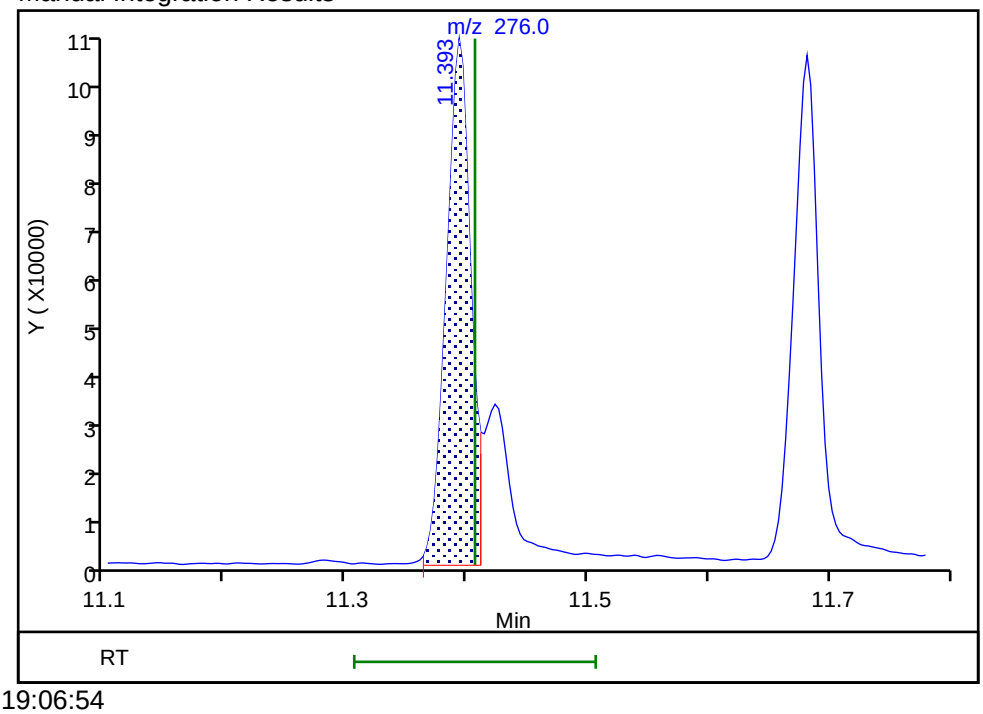
Processing Integration Results

RT: 11.39
Area: 194204
Amount: 29.891928
Amount Units: ug/ml



Manual Integration Results

RT: 11.39
Area: 142569
Amount: 21.944256
Amount Units: ug/ml



Reviewer: hamziy, 29-Aug-2020 19:06:54

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217132-G-1-A MSD

Matrix: Water Lab File ID: M135676.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 00:26

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	71.4		2.0	0.64
95-50-1	1,2-Dichlorobenzene	67.3		10	1.3
541-73-1	1,3-Dichlorobenzene	63.5		10	2.0
106-46-7	1,4-Dichlorobenzene	65.3		10	1.3
123-91-1	1,4-Dioxane	43.1		10	1.6
108-60-1	2,2'-oxybis[1-chloropropane]	59.8		10	0.63
121-14-2	2,4-Dinitrotoluene	78.7		2.0	1.0
606-20-2	2,6-Dinitrotoluene	78.4		2.0	0.83
91-58-7	2-Chloronaphthalene	72.4		10	1.2
91-57-6	2-Methylnaphthalene	75.5		10	1.1
88-74-4	2-Nitroaniline	62.4		10	0.47
91-94-1	3,3'-Dichlorobenzidine	57.1		10	1.4
99-09-2	3-Nitroaniline	68.5		10	1.9
101-55-3	4-Bromophenyl phenyl ether	76.6		10	0.75
106-47-8	4-Chloroaniline	68.2		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	72.9		10	1.3
100-01-6	4-Nitroaniline	57.8		10	1.2
83-32-9	Acenaphthene	74.7		10	1.1
208-96-8	Acenaphthylene	77.7		10	0.82
120-12-7	Anthracene	73.8		10	0.63
56-55-3	Benzo[a]anthracene	64.8		1.0	0.59
50-32-8	Benzo[a]pyrene	82.6		1.0	0.41
205-99-2	Benzo[b]fluoranthene	82.2		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	72.4		10	1.4
207-08-9	Benzo[k]fluoranthene	83.2		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	69.0		10	0.59
111-44-4	Bis(2-chloroethyl)ether	68.4		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	73.6		2.0	1.7
85-68-7	Butyl benzyl phthalate	71.7		10	0.85
86-74-8	Carbazole	72.9		10	0.68
218-01-9	Chrysene	68.8		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	77.8		1.0	0.72
132-64-9	Dibenzofuran	75.7		10	1.1
84-66-2	Diethyl phthalate	75.5		10	0.98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-217132-G-1-A MSD

Matrix: Water Lab File ID: M135676.D

Analysis Method: 8270D Date Collected:

Extract. Method: 3510C Date Extracted: 08/30/2020 06:46

Sample wt/vol: 250(mL) Date Analyzed: 08/31/2020 00:26

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 720701 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	76.8		10	0.77
84-74-2	Di-n-butyl phthalate	72.4		10	0.84
117-84-0	Di-n-octyl phthalate	77.7		10	4.8
206-44-0	Fluoranthene	71.0		10	0.84
86-73-7	Fluorene	78.8		10	0.91
118-74-1	Hexachlorobenzene	79.1		1.0	0.40
87-68-3	Hexachlorobutadiene	68.5		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	62.4		10	3.6
67-72-1	Hexachloroethane	67.3		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	77.3		2.0	0.94
78-59-1	Isophorone	73.1		10	0.80
91-20-3	Naphthalene	73.4		2.0	1.1
98-95-3	Nitrobenzene	83.4		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	70.4		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	73.8		10	0.89
85-01-8	Phenanthrene	73.4		10	0.58
129-00-0	Pyrene	72.6		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	63		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	61		46-137
1718-51-0	Terphenyl-d14 (Surr)	66		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135676.D
Lims ID: 460-217132-G-1-A MSD
Client ID: FR-MW01-W001
Sample Type: MSD
Inject. Date: 31-Aug-2020 00:26:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116018-013
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\8270LVI_17.m
Limit Group: SV 8270D ICAL
Last Update: 31-Aug-2020 08:40:38 Calib Date: 14-Jul-2020 18:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200714-113238.b\M134224.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1018

First Level Reviewer: nimerd Date: 31-Aug-2020 08:00:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.027	1.024	0.003	97	71923	10.0	5.38	
2 N-Nitrosodimethylamine	74	1.183	1.180	0.003	87	122499	10.0	6.09	
3 Pyridine	79	1.199	1.196	0.003	87	350491	20.0	10.5	
$ 4 2-Fluorophenol	112	2.125	2.118	0.007	94	111108	10.0	3.42	
8 Aniline	93	2.948	2.942	0.006	100	367529	10.0	6.28	
$ 6 Phenol-d5	99	2.993	2.987	0.007	97	97959	10.0	2.22	
7 Phenol	94	3.005	2.999	0.006	98	156263	10.0	3.31	
10 Benzonitrile	103	3.015	3.009	0.006	100	623859	NC	NC	
9 Bis(2-chloroethyl)ether	93	3.018	3.012	0.006	89	308743	10.0	8.54	
11 2-Chlorophenol	128	3.072	3.066	0.006	94	285280	10.0	7.70	
12 n-Decane	43	3.130	3.124	0.006	92	320458	10.0	6.36	
13 1,3-Dichlorobenzene	146	3.200	3.194	0.006	95	349535	10.0	7.93	
* 14 1,4-Dichlorobenzene-d4	152	3.261	3.255	0.006	96	212442	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.277	3.274	0.003	95	356790	10.0	8.16	
17 1,2-Dichlorobenzene	146	3.430	3.427	0.003	97	347587	10.0	8.41	
16 Benzyl alcohol	108	3.443	3.440	0.003	91	150674	10.0	6.90	
19 2,2'-oxybis[1-chloropropane]	45	3.574	3.568	0.006	92	499174	10.0	7.47	
18 2-Methylphenol	108	3.606	3.603	0.003	87	214661	10.0	6.69	
20 N-Methylaniline	106	3.686	3.683	0.003	95	474636	10.0	8.60	
21 Acetophenone	105	3.689	3.686	0.003	97	450540	10.0	8.68	
22 N-Nitrosodi-n-propylamine	70	3.708	3.705	0.003	89	234325	10.0	8.81	
25 Hexachloroethane	117	3.766	3.763	0.003	94	149142	10.0	8.41	
23 3 & 4 Methylphenol	108	3.772	3.769	0.003	64	202011	10.0	6.05	
24 4-Methylphenol	108	3.772	3.769	0.003	96	201643	10.0	6.04	
$ 27 Nitrobenzene-d5	82	3.833	3.830	0.003	91	243460	10.0	6.07	
28 Nitrobenzene	123	3.855	3.849	0.006	92	169924	10.0	10.4	
29 n,n'-Dimethylaniline	120	3.862	3.859	0.003	93	452541	10.0	8.71	
30 Isophorone	82	4.098	4.095	0.003	99	606921	10.0	9.14	
32 2-Nitrophenol	139	4.175	4.172	0.003	88	160712	10.0	8.69	
33 2,4-Dimethylphenol	122	4.283	4.284	-0.001	90	240382	10.0	8.37	
34 Bis(2-chloroethoxy)methane	93	4.344	4.344	0.000	95	371585	10.0	8.62	
26 2-Toluidine	107	4.414	4.417	-0.003	27	416		NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.417	4.437	-0.020	90	54635	10.0	3.46	
36 2,4-Dichlorophenol	162	4.443	4.443	0.000	95	258785	10.0	8.66	
37 1,2,4-Trichlorobenzene	180	4.491	4.488	0.003	94	301313	10.0	8.92	
* 38 Naphthalene-d8	136	4.533	4.533	0.000	99	747490	8.00	8.00	
39 Naphthalene	128	4.555	4.552	0.003	99	893734	10.0	9.18	
40 4-Chloroaniline	127	4.644	4.645	-0.001	96	341742	10.0	8.52	
130 2,6-Dichlorophenol	162	4.651	4.651	0.000	94	260414	NC	NC	
41 Hexachlorobutadiene	225	4.702	4.699	0.003	95	170730	10.0	8.57	
42 Caprolactam	113	4.996	4.967	0.029	82	298	5.00	0.1442	
43 4-Chloro-3-methylphenol	107	5.184	5.184	0.000	97	210103	10.0	7.94	
44 2-Methylnaphthalene	142	5.235	5.236	-0.001	83	592039	10.0	9.43	
45 1-Methylnaphthalene	142	5.325	5.325	0.000	92	537683	10.0	9.19	
46 Hexachlorocyclopentadiene	237	5.398	5.399	-0.001	97	186813	10.0	7.80	
47 1,2,4,5-Tetrachlorobenzene	216	5.402	5.402	0.000	97	286419	10.0	8.81	
48 2-tertbutyl-4-methylphenol	149	5.504	5.504	0.000	88	336122	10.0	9.51	
49 2,4,6-Trichlorophenol	196	5.539	5.543	-0.003	89	177084	10.0	9.24	
50 2,4,5-Trichlorophenol	196	5.587	5.590	-0.003	96	180668	10.0	8.64	
$ 51 2-Fluorobiphenyl	172	5.606	5.607	-0.001	97	434915	10.0	6.27	
52 1,1'-Biphenyl	154	5.693	5.693	0.000	96	691871	10.0	9.44	
53 2-Chloronaphthalene	162	5.696	5.696	0.000	95	539596	10.0	9.05	
54 Phenyl ether	170	5.801	5.802	-0.001	89	368302	10.0	9.52	
55 2-Nitroaniline	65	5.827	5.827	0.000	97	140991	10.0	7.80	
57 1,3-Dimethylnaphthalene	156	5.913	5.913	0.000	90	408477	10.0	9.93	
60 Coumarin	146	6.003	6.003	0.000	79	187647	10.0	9.77	
59 Dimethyl phthalate	163	6.022	6.022	0.000	97	570846	10.0	9.60	
61 2,6-Dinitrotoluene	165	6.064	6.067	-0.003	95	126674	10.0	9.80	
62 Acenaphthylene	152	6.083	6.083	0.000	97	815321	10.0	9.72	
* 64 Acenaphthene-d10	164	6.220	6.223	-0.003	96	350494	8.00	8.00	
63 3-Nitroaniline	138	6.224	6.223	0.001	93	123476	10.0	8.56	
66 Acenaphthene	154	6.252	6.252	0.000	97	471581	10.0	9.34	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.294	6.297	-0.003	98	390496	10.0	8.65	
67 2,4-Dinitrophenol	184	6.323	6.323	0.000	92	135830	20.0	17.4	
70 Dibenzofuran	168	6.419	6.419	0.000	96	723711	10.0	9.47	
69 2,4-Dinitrotoluene	165	6.444	6.444	0.000	92	153353	10.0	9.83	
68 4-Nitrophenol	65	6.479	6.479	0.000	93	62410	20.0	5.36	
72 2,3,4,6-Tetrachlorophenol	232	6.566	6.566	0.000	94	133862	10.0	9.07	
73 Diethyl phthalate	149	6.694	6.697	-0.003	97	559113	10.0	9.44	
75 Fluorene	166	6.739	6.742	-0.004	94	551463	10.0	9.85	
74 4-Chlorophenyl phenyl ether	204	6.761	6.764	-0.003	87	256178	10.0	9.11	
76 4-Nitroaniline	138	6.803	6.806	-0.003	93	93549	10.0	7.23	
77 4,6-Dinitro-2-methylphenol	198	6.828	6.828	0.000	81	154057	20.0	17.4	
78 N-Nitrosodiphenylamine	169	6.883	6.886	-0.003	83	376125	10.0	9.22	
79 1,2-Diphenylhydrazine	77	6.908	6.911	-0.003	98	593214	10.0	8.59	
$ 80 2,4,6-Tribromophenol	330	6.975	6.975	0.000	93	68612	10.0	7.92	
81 4-Bromophenyl phenyl ether	248	7.215	7.218	-0.003	94	155021	10.0	9.58	
82 Hexachlorobenzene	284	7.260	7.259	0.001	97	189152	10.0	9.89	
83 Atrazine	200	7.413	7.416	-0.003	85	1804	5.00	0.1328	
85 Pentachloronitrobenzene	237	7.468	7.470	-0.002	81	73763	10.0	8.88	
84 Pentachlorophenol	266	7.468	7.470	-0.002	90	178269	20.0	18.9	
86 n-Octadecane	57	7.602	7.602	0.000	92	425179	10.0	9.17	
* 87 Phenanthrene-d10	188	7.612	7.611	0.001	99	555423	8.00	8.00	
88 Phenanthrene	178	7.631	7.634	-0.003	98	727544	10.0	9.17	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	7.679	7.682	-0.003	97	743635	10.0	9.23	
90 Carbazole	167	7.858	7.861	-0.003	96	632721	10.0	9.11	
91 Di-n-butyl phthalate	149	8.235	8.237	-0.002	99	821801	10.0	9.05	
92 Fluoranthene	202	8.743	8.745	-0.002	97	678033	10.0	8.87	
93 Benzidine	184	8.909	8.911	-0.002	99	184863	10.0	4.59	
94 Pyrene	202	8.944	8.946	-0.002	96	689924	10.0	9.08	
95 Bisphenol-A	213	9.088	9.087	0.001	97	102360	5.00	3.13	M
$ 96 Terphenyl-d14	244	9.136	9.138	-0.002	98	320330	10.0	6.65	
97 Butyl benzyl phthalate	149	9.632	9.633	-0.001	96	300591	10.0	8.96	
99 Carbamazepine	193	9.696	9.697	-0.001	92	222457	10.0	8.33	
101 Benzo[a]anthracene	228	10.079	10.081	-0.002	99	526212	10.0	8.10	
* 102 Chrysene-d12	240	10.086	10.087	-0.001	99	384483	8.00	8.00	
100 3,3'-Dichlorobenzidine	252	10.089	10.093	-0.004	99	170828	10.0	7.14	
104 Chrysene	228	10.108	10.109	-0.001	97	560761	10.0	8.60	
103 Bis(2-ethylhexyl) phthalate	149	10.201	10.202	-0.001	86	429018	10.0	9.20	
105 Di-n-octyl phthalate	149	10.869	10.870	-0.001	96	698490	10.0	9.71	
106 Benzo[b]fluoranthene	252	11.179	11.180	-0.001	97	531623	10.0	10.3	
107 Benzo[k]fluoranthene	252	11.208	11.212	-0.004	98	588588	10.0	10.4	
108 Benzo[a]pyrene	252	11.540	11.544	-0.004	95	477612	10.0	10.3	
* 109 Perylene-d12	264	11.608	11.611	-0.003	98	374953	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	12.905	12.908	-0.003	97	506575	10.0	9.67	
111 Dibenz(a,h)anthracene	278	12.944	12.950	-0.006	98	508737	10.0	9.73	
112 Benzo[g,h,i]perylene	276	13.222	13.225	-0.003	95	565253	10.0	9.05	
S 119 Total Cresols	1				0			12.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

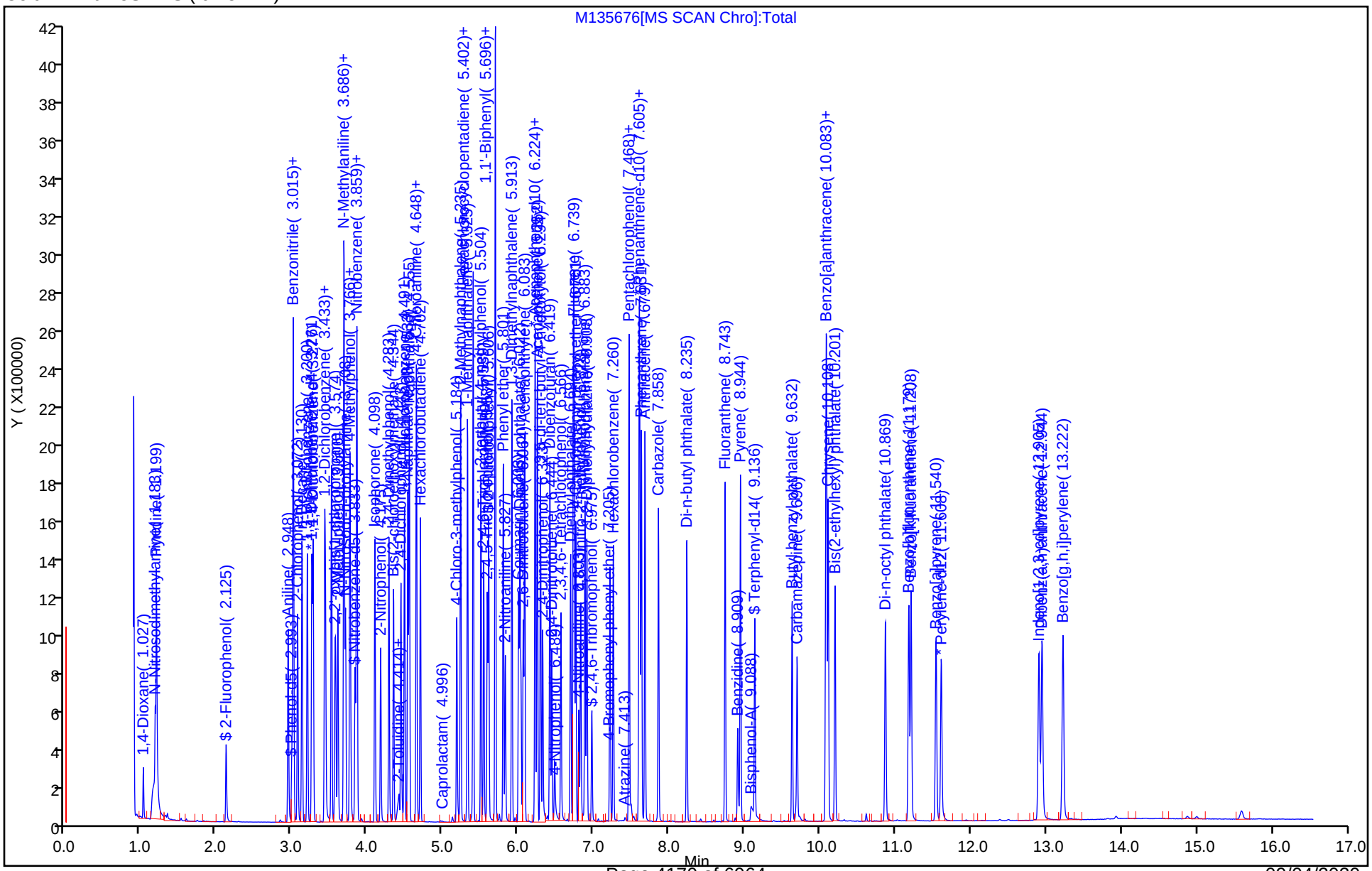
Report Date: 31-Aug-2020 09:03:09 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200830-116018.b\M135676.D

Injection Date:	31-Aug-2020 00:26:30	Instrument ID:	CBNAMS17	Operator ID:	
Lims ID:	460-217132-G-1-A MSD			Worklist Smp#:	13
Client ID:	FR-MW01-W001				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_17	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 08/12/2020 15:35

Analysis Batch Number: 716052 End Date: 08/12/2020 19:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-716052/1		08/12/2020 15:35	1	Z57319.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-716052/2		08/12/2020 15:52	1	Z57320.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-716052/3 IC		08/12/2020 16:16	1	Z57321.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-716052/4 IC		08/12/2020 16:40	1	Z57322.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-716052/5 IC		08/12/2020 17:03	1	Z57323.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-716052/6 IC		08/12/2020 17:27	1	Z57324.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-716052/7 IC		08/12/2020 17:51	1	Z57325.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-716052/8 IC		08/12/2020 18:14	1	Z57326.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-716052/9 IC		08/12/2020 18:38	1	Z57327.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-716052/10 IC		08/12/2020 19:02	1	Z57328.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-716052/11		08/12/2020 19:25	1	Z57329.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 08/29/2020 00:34

Analysis Batch Number: 720401 End Date: 08/29/2020 12:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720401/1		08/29/2020 00:34	1	Z57865.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720401/2		08/29/2020 00:47	1	Z57866.d	Rtxi-5Sil MS 0.25(mm)
MB 460-720378/1-A		08/29/2020 01:37	1	Z57868.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-720378/2-A		08/29/2020 02:24	1	Z57870.d	Rtxi-5Sil MS 0.25(mm)
460-217009-1	SB-10_1-3_20200827	08/29/2020 02:48	1	Z57871.d	Rtxi-5Sil MS 0.25(mm)
460-217009-1 MS	SB-10_1-3_20200827 MS	08/29/2020 03:11	1	Z57872.d	Rtxi-5Sil MS 0.25(mm)
460-217009-1 MSD	SB-10_1-3_20200827 MSD	08/29/2020 03:35	1	Z57873.d	Rtxi-5Sil MS 0.25(mm)
460-217009-2	SB-10_17-19_20200827	08/29/2020 03:58	1	Z57874.d	Rtxi-5Sil MS 0.25(mm)
460-217009-4	SB-18_16-18_20200827	08/29/2020 04:22	1	Z57875.d	Rtxi-5Sil MS 0.25(mm)
460-217009-5	SB-05_1-3_20200827	08/29/2020 04:45	1	Z57876.d	Rtxi-5Sil MS 0.25(mm)
460-217009-6	SB-07_0-2_20200827	08/29/2020 05:09	1	Z57877.d	Rtxi-5Sil MS 0.25(mm)
460-217009-7	SB-07_6-8_20200827	08/29/2020 05:32	1	Z57878.d	Rtxi-5Sil MS 0.25(mm)
460-217009-8	SB-07_15-17_20200827	08/29/2020 05:56	1	Z57879.d	Rtxi-5Sil MS 0.25(mm)
460-217009-9	SB-06_3-5_20200827	08/29/2020 06:20	1	Z57880.d	Rtxi-5Sil MS 0.25(mm)
460-217009-10	SB-06_6-8_20200827	08/29/2020 06:43	1	Z57881.d	Rtxi-5Sil MS 0.25(mm)
460-217009-11	SB-06_17-19_20200827	08/29/2020 07:07	1	Z57882.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 07:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 07:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 08:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 08:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 09:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 09:29	1		Rtxi-5Sil MS 0.25(mm)
460-217009-3	SB-18_3-5_20200827	08/29/2020 09:53	1	Z57889.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 10:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 10:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 11:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 11:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 11:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 12:15	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 09/01/2020 21:49

Analysis Batch Number: 721213 End Date: 09/02/2020 09:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-721213/1		09/01/2020 21:49	1	Z57933.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-721213/2		09/01/2020 22:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 01:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 01:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 02:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 02:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 02:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 03:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 03:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 04:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 04:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 04:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 05:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 05:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 06:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 06:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 06:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 07:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 07:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 08:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 08:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 08:48	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 09:12	10		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 07/29/2020 13:07

Analysis Batch Number: 712337 End Date: 07/29/2020 16:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-712337/1		07/29/2020 13:07	1	L32307.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-712337/2		07/29/2020 13:21	1	L32308.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-712337/3 IC		07/29/2020 13:44	1	L32309.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-712337/4 IC		07/29/2020 14:06	1	L32310.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-712337/5 IC		07/29/2020 14:28	1	L32311.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-712337/6 IC		07/29/2020 14:50	1	L32312.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-712337/7 IC		07/29/2020 15:13	1	L32313.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-712337/8 IC		07/29/2020 15:35	1	L32314.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-712337/9 IC		07/29/2020 15:58	1	L32315.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-712337/10 IC		07/29/2020 16:20	1	L32316.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-712337/11		07/29/2020 16:42	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 08/27/2020 19:19

Analysis Batch Number: 720113 End Date: 08/28/2020 02:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720113/1		08/27/2020 19:19	1	L33415.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720113/2		08/27/2020 19:44	1	L33416.d	Rtxi-5Sil MS 0.25(mm)
MB 460-719969/1-A		08/27/2020 20:51	1	L33419.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-719969/2-A		08/27/2020 21:36	1	L33421.d	Rtxi-5Sil MS 0.25(mm)
460-216817-6	SB-08_2-4_20200825	08/27/2020 21:58	1	L33422.d	Rtxi-5Sil MS 0.25(mm)
460-216817-2	SB-02_0-2_20200825	08/27/2020 22:21	1	L33423.d	Rtxi-5Sil MS 0.25(mm)
460-216817-4	SB-09_1-3_20200825	08/27/2020 22:43	1	L33424.d	Rtxi-5Sil MS 0.25(mm)
460-216817-1	SB-04_2-4_20200825	08/27/2020 23:05	1	L33425.d	Rtxi-5Sil MS 0.25(mm)
460-216817-5	SB-03_0-2_20200825	08/27/2020 23:28	1	L33426.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/27/2020 23:50	1		Rtxi-5Sil MS 0.25(mm)
460-216232-A-6-A MS		08/28/2020 00:12	1	L33428.d	Rtxi-5Sil MS 0.25(mm)
460-216232-A-6-B MSD		08/28/2020 00:34	1	L33429.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 00:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 01:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 01:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 02:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 02:25	1		Rtxi-5Sil MS 0.25(mm)
460-216817-3	SB-01_1-3_20200825	08/28/2020 02:48	1	L33435.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 07/30/2020 14:45

Analysis Batch Number: 712734 End Date: 07/30/2020 18:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-712734/1		07/30/2020 14:45	1	N92365.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-712734/2		07/30/2020 14:57	1	N92366.d	Rtxi-5Sil MS 0.25(mm)
STD24 460-712734/3 IC		07/30/2020 15:23	1	N92367.d	Rtxi-5Sil MS 0.25(mm)
STD16 460-712734/4 IC		07/30/2020 15:44	1	N92368.d	Rtxi-5Sil MS 0.25(mm)
STD4 460-712734/5 IC		07/30/2020 16:05	1	N92369.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-712734/6 IC		07/30/2020 16:26	1	N92370.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-712734/7 IC		07/30/2020 16:48	1	N92371.d	Rtxi-5Sil MS 0.25(mm)
STD04 460-712734/8 IC		07/30/2020 17:09	1	N92372.d	Rtxi-5Sil MS 0.25(mm)
STD02 460-712734/9 IC		07/30/2020 17:30	1	N92373.d	Rtxi-5Sil MS 0.25(mm)
STD01 460-712734/10 IC		07/30/2020 17:51	1	N92374.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-712734/11		07/30/2020 18:12	1	N92375.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 09/01/2020 18:32

Analysis Batch Number: 721182 End Date: 09/02/2020 02:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-721182/1		09/01/2020 18:32	1	N927248.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-721182/2		09/01/2020 18:47	1	N927249.d	Rtxi-5Sil MS 0.25(mm)
MB 460-721059/1-A		09/01/2020 19:35	1	N927251.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-721059/2-A		09/01/2020 19:55	1	N927252.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-721059/3-A		09/01/2020 20:20	1	N927253a.d	Rtxi-5Sil MS 0.25(mm)
460-217163-1	TW-01_20200828	09/01/2020 20:41	1	N927254.d	Rtxi-5Sil MS 0.25(mm)
460-217163-2	TW-18_20200828	09/01/2020 21:02	1	N927255.d	Rtxi-5Sil MS 0.25(mm)
460-217163-3	TW-16_20200828	09/01/2020 21:23	1	N927256.d	Rtxi-5Sil MS 0.25(mm)
460-217163-4	TW-13_20200828	09/01/2020 21:44	1	N927257.d	Rtxi-5Sil MS 0.25(mm)
460-217163-5	TW-07_20200828	09/01/2020 22:04	1	N927258.d	Rtxi-5Sil MS 0.25(mm)
460-217163-6	TW-10_20200828	09/01/2020 22:25	1	N927259.d	Rtxi-5Sil MS 0.25(mm)
460-217163-7	TW-09_20200828	09/01/2020 22:46	1	N927260.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 01:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 01:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 01:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 02:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 02:35	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 08/20/2020 20:53

Analysis Batch Number: 718482 End Date: 08/21/2020 08:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-718482/1		08/20/2020 20:53	1	f4515643a.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-718482/2		08/20/2020 21:30	1	f4515644b.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-718482/3 IC		08/20/2020 22:07	1	f4515690.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-718482/4 IC		08/20/2020 22:24	1	f4515691.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-718482/5 IC		08/20/2020 22:41	1	f4515692.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-718482/6 IC		08/20/2020 22:58	1	f4515693.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-718482/7 IC		08/20/2020 23:16	1	f4515694.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-718482/8 IC		08/20/2020 23:33	1	f4515695.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-718482/9 IC		08/20/2020 23:50	1	f4515696.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-718482/10 IC		08/21/2020 00:07	1	f4515697.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-718482/11		08/21/2020 00:24	1	f4515698.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 00:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 00:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 01:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 01:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 01:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 02:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 02:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 02:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 03:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 03:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 04:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 04:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 04:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 04:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 05:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 05:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 05:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 06:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 06:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 06:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 06:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 07:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 07:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 07:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 08:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 08:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/21/2020 08:42	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 08/28/2020 19:33

Analysis Batch Number: 720409 End Date: 08/29/2020 06:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720409/1		08/28/2020 19:33	1	f4516029.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720409/2		08/28/2020 19:44	1	f4516030.D	Rtxi-5Sil MS 0.25(mm)
MB 460-720271/1-A		08/28/2020 20:05	1	f4516031.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-720271/2-A		08/28/2020 20:22	1	f4516032.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-720271/3-A		08/28/2020 20:40	1	f4516033.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 20:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 21:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 21:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 21:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 22:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 22:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 22:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 22:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 23:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 23:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 23:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 00:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 00:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 00:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 01:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 01:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 01:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 02:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 03:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 03:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 03:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 04:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 04:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 04:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 05:15	1		Rtxi-5Sil MS 0.25(mm)
460-216576-A-1-C MS		08/29/2020 05:32	1	f4516064.D	Rtxi-5Sil MS 0.25(mm)
460-216576-A-1-D MSD		08/29/2020 05:50	1	f4516065.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 06:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 06:24	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 06:41	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 08/29/2020 17:05

Analysis Batch Number: 720587 End Date: 08/30/2020 04:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720587/1		08/29/2020 17:05	1	f4516072.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720587/2		08/29/2020 17:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 17:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 18:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 18:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 18:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 19:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 19:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 19:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 21:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 21:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 21:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 23:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 23:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 23:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 01:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 01:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 01:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 03:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 03:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 03:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 04:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 04:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 04:36	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 08/30/2020 21:53

Analysis Batch Number: 720711 End Date: 08/31/2020 07:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720711/1		08/30/2020 21:53	1	f4516115.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720711/2		08/30/2020 22:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 22:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 23:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 23:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 23:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 23:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 00:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 00:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 00:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 01:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 01:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 01:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 01:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 02:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 02:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 02:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 04:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 04:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 04:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 05:02	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 05:19	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 05:36	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 05:53	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 06:11	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 06:28	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 06:45	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 07:02	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 07:19	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 07:37	10		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 07/14/2020 14:57

Analysis Batch Number: 708259 End Date: 07/14/2020 18:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-708259/1		07/14/2020 14:57	1	M134215.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-708259/2		07/14/2020 15:13	1	M134216.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-708259/3 IC		07/14/2020 15:34	1	M134217.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-708259/4 IC		07/14/2020 15:55	1	M134218.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-708259/5 IC		07/14/2020 16:16	1	M134219.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-708259/6 IC		07/14/2020 16:37	1	M134220.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-708259/7 IC		07/14/2020 16:58	1	M134221.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-708259/8 IC		07/14/2020 17:19	1	M134222.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-708259/9 IC		07/14/2020 17:40	1	M134223.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-708259/10 IC		07/14/2020 18:01	1	M134224.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-708259/11		07/14/2020 18:22	1	M134225.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 08/30/2020 20:18

Analysis Batch Number: 720701 End Date: 08/31/2020 07:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720701/1		08/30/2020 20:18	1	M135664.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720701/2		08/30/2020 20:33	1	M135665.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 21:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 22:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 22:21	1		Rtxi-5Sil MS 0.25(mm)
MB 460-720639/1-A		08/30/2020 22:41	1	M135671.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-720639/2-A		08/30/2020 23:02	1	M135672.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-720639/3-A		08/30/2020 23:23	1	M135673.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 23:44	1		Rtxi-5Sil MS 0.25(mm)
460-217132-F-1-A MS		08/31/2020 00:05	1	M135675.D	Rtxi-5Sil MS 0.25(mm)
460-217132-G-1-A MSD		08/31/2020 00:26	1	M135676.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 02:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 03:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 04:16	1		Rtxi-5Sil MS 0.25(mm)
460-217143-1	TW-04_20200827	08/31/2020 04:37	1	M135688.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 04:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 05:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 05:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 06:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2020 07:03	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 08/25/2020 11:54

Analysis Batch Number: 719436 End Date: 08/25/2020 15:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-719436/1		08/25/2020 11:54	1	X28522.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-719436/2		08/25/2020 12:12	1	X28523.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-719436/3 IC		08/25/2020 12:36	1	X28524.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-719436/4 IC		08/25/2020 13:00	1	X28525.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-719436/5 IC		08/25/2020 13:24	1	X28526.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-719436/6 IC		08/25/2020 13:47	1	X28527.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-719436/7 IC		08/25/2020 14:11	1	X28528.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-719436/8 IC		08/25/2020 14:35	1	X28529.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-719436/9 IC		08/25/2020 14:59	1	X28530.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-719436/10 IC		08/25/2020 15:22	1	X28531.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-719436/11		08/25/2020 15:46	1	X28532.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 08/28/2020 10:04

Analysis Batch Number: 720289 End Date: 08/28/2020 21:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720289/1		08/28/2020 10:04	1	X28630.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720289/2		08/28/2020 10:22	1	X28631.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 11:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 11:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 11:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 12:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 12:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 13:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 13:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 13:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 14:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 14:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 15:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 15:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 15:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 16:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 16:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 17:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 17:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 17:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 18:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 18:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 19:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 19:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 19:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 20:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/28/2020 20:39	1		Rtxi-5Sil MS 0.25(mm)
460-216927-1	SB-15_0-2_20200826	08/28/2020 21:03	1	X28658.d	Rtxi-5Sil MS 0.25(mm)
460-216927-2	SB-16_1-3_20200826	08/28/2020 21:26	1	X28659.d	Rtxi-5Sil MS 0.25(mm)
460-216927-3	SB-17_0-2_20200826	08/28/2020 21:50	1	X28660.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 08/29/2020 17:25

Analysis Batch Number: 720601 End Date: 08/30/2020 05:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-720601/1		08/29/2020 17:25	1	X28694.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-720601/2		08/29/2020 17:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 18:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 20:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 21:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 21:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 22:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 23:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/29/2020 23:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 00:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 01:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 01:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 02:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 03:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 03:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 04:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 04:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 04:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/30/2020 05:15	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 09/01/2020 12:59

Analysis Batch Number: 721108 End Date: 09/02/2020 00:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-721108/1		09/01/2020 12:59	1	X28728.d	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-721108/2		09/01/2020 13:13	1	X28729.d	Rtxi-5Sil MS 0.25(mm)
MB 460-720963/1-A		09/01/2020 14:00	1	X28731.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-720963/2-A		09/01/2020 14:23	1	X28732.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-720963/3-A		09/01/2020 14:47	1	X28733.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 15:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 15:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 15:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 16:21	1		Rtxi-5Sil MS 0.25(mm)
460-217095-1	SB-12_0-2_20200828	09/01/2020 17:08	1	X28739.d	Rtxi-5Sil MS 0.25(mm)
460-217095-2	SB-13_1-3_20200828	09/01/2020 17:31	1	X28740.d	Rtxi-5Sil MS 0.25(mm)
460-217095-3	SB-14_2-4_20200828	09/01/2020 17:55	1	X28741.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 18:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 18:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 19:06	1		Rtxi-5Sil MS 0.25(mm)
460-217095-4	SB-11_3-5_20200828	09/01/2020 19:29	1	X28745.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 19:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 20:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 20:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 21:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 21:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 22:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 22:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2020 23:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/02/2020 00:58	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 719969 Batch Start Date: 08/27/20 09:32 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00011	OP_BNA SPIK 00033	OP_BNASurroga 00018	
MB 460-719969/1		3546, 8270D		15.00 g	1 mL			500 uL	
LCS 460-719969/2		3546, 8270D		15.00 g	1 mL	10 uL	500 uL	500 uL	
460-216232-A-6 MS		3546, 8270D	T	15.00 g	1 mL	10 uL	500 uL	500 uL	
460-216232-A-6 MSD		3546, 8270D	T	15.00 g	1 mL	10 uL	500 uL	500 uL	
460-216817-E-1	SB-04_2-4_20200825	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216817-E-2	SB-02_0-2_20200825	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216817-E-3	SB-01_1-3_20200825	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216817-E-4	SB-09_1-3_20200825	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216817-E-5	SB-03_0-2_20200825	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216817-E-6	SB-08_2-4_20200825	3546, 8270D	T	15.00 g	1 mL			500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 719969 Batch Start Date: 08/27/20 09:32 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	12
Batch Comment	8270 BNA Soil
Analyst ID - Concentration	OS
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	36337
Analyst ID - Extraction	OS
Method/Fraction	3546 / 8270 BNA Soil
Microwave Oven ID	MD-4965
Na2SO4 ID	198855
Prep Solvent ID	Dichloromethane: 263731 & Propanone: 253777
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	FW
Thermometer ID - Concentration 1	36337
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720271 Batch Start Date: 08/28/20 09:19 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00011	OP_BNA SPIK 00033	OP_BNASurroga 00018	
MB 460-720271/1		3546, 8270D		15.00 g	1 mL			500 uL	
LCS 460-720271/2		3546, 8270D		15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-720271/3		3546, 8270D		15.00 g	1 mL	10 uL	500 uL	500 uL	
460-216576-A-1 MS		3546, 8270D	T	15.00 g	1 mL	10 uL	500 uL	500 uL	
460-216576-A-1 MSD		3546, 8270D	T	15.00 g	1 mL	10 uL	500 uL	500 uL	
460-216927-E-1	SB-15_0-2_20200826	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216927-E-2	SB-16_1-3_20200826	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-216927-E-3	SB-17_0-2_20200826	3546, 8270D	T	15.00 g	1 mL			500 uL	

Batch Notes	
Balance ID	12
Batch Comment	8270 BNA Soil
Analyst ID - Concentration	OS
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	36337
Analyst ID - Extraction	OS
Method/Fraction	3546 / 8270 BNA Soil
Microwave Oven ID	MD-4965
Na2SO4 ID	198855
Prep Solvent ID	Dichloromethane: 261651 & Propanone: 253777
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	FW
Thermometer ID - Concentration 1	36337
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720271 Batch Start Date: 08/28/20 09:19 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720378 Batch Start Date: 08/28/20 17:09 Batch Analyst: Guerrero, Olivia X

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00011	OP_BNA SPIK 00033	OP_BNASurroga 00018	
MB 460-720378/1		3546, 8270D		15 g	1 mL			500 uL	
LCS 460-720378/2		3546, 8270D		15 g	1 mL	10 uL	500 uL	500 uL	
460-217009-E-1 MS	SB-10_1-3_20200827	3546, 8270D	T	15 g	1 mL	10 uL	500 uL	500 uL	
460-217009-E-1 MSD	SB-10_1-3_20200827	3546, 8270D	T	15 g	1 mL	10 uL	500 uL	500 uL	
460-217009-E-1	SB-10_1-3_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-2	SB-10_17-19_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-3	SB-18_3-5_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-4	SB-18_16-18_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-5	SB-05_1-3_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-6	SB-07_0-2_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-B-7	SB-07_6-8_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-8	SB-07_15-17_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-9	SB-06_3-5_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-10	SB-06_6-8_20200827	3546, 8270D	T	15 g	1 mL			500 uL	
460-217009-E-11	SB-06_17-19_20200827	3546, 8270D	T	15 g	1 mL			500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720378 Batch Start Date: 08/28/20 17:09 Batch Analyst: Guerrero, Olivia X

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	12
Batch Comment	8270 BNA Soil
Analyst ID - Concentration	OG
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	OG
Method/Fraction	3546 / 8270 BNA Soil
Microwave Oven ID	MD-4965
Na2SO4 ID	198855
Prep Solvent ID	Dichloromethane: 261651 & Propanone: 253777
Analyst ID - Spike Analyst	OG
Analyst ID - Spike Witness Analyst	AF
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720639 Batch Start Date: 08/30/20 06:46 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00011
MB 460-720639/1		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-720639/2		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-720639/3		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-217132-F-1 MS		3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-217132-G-1 MSD		3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-217143-D-1	TW-04_20200827	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00033	OP_BNASurroga 00018				
MB 460-720639/1		3510C, 8270D			200 uL				
LCS 460-720639/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-720639/3		3510C, 8270D		200 uL	200 uL				
460-217132-F-1 MS		3510C, 8270D	T	200 uL	200 uL				
460-217132-G-1 MSD		3510C, 8270D	T	200 uL	200 uL				
460-217143-D-1	TW-04_20200827	3510C, 8270D	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720639 Batch Start Date: 08/30/20 06:46 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2972
Batch Comment	3510C_LVI / BNA
Analyst ID - Concentration	dB
Concentration 1 Corrected Temperature	37 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	dD
Method/Fraction	3510C_LVI / BNA
Na2SO4 ID	195259
pH Indicator ID	HC-991818
Prep Solvent ID	MeCL2 261651
Prep Solvent Volume Used	90 mL
Analyst ID - Spike Analyst	dD
Sufficient Volume for Batch QC	yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	37 Degrees C
Vial Lot Number	1917911362

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 720963 Batch Start Date: 08/31/20 21:59 Batch Analyst: Romano, Alfredo F

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00011	OP_BNA SPIK 00036	OP_BNASurroga 00018	
MB 460-720963/1		3546, 8270D		15.00 g	1 mL			500 uL	
LCS 460-720963/2		3546, 8270D		15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-720963/3		3546, 8270D		15.00 g	1 mL	10 uL	500 uL	500 uL	
460-217095-E-1	SB-12_0-2_20200828	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-217095-E-2	SB-13_1-3_20200828	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-217095-E-3	SB-14_2-4_20200828	3546, 8270D	T	15.00 g	1 mL			500 uL	
460-217095-E-4	SB-11_3-5_20200828	3546, 8270D	T	15.00 g	1 mL			500 uL	

Batch Notes	
Balance ID	12
Batch Comment	BNA Soil
Blank Matrix ID	181427
Analyst ID - Concentration	AR
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	AR
Method/Fraction	3546 / 8270D
Microwave Oven ID	MD1952
Na2SO4 ID	198855
Prep Solvent ID	Methylene Chloride 261651; Acetone 253777
Analyst ID - Spike Analyst	AR
Concentration 1 Uncorrected Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721059 Batch Start Date: 09/01/20 09:47 Batch Analyst: Babu, Dhanalakshmi X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00011
MB 460-721059/1		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-721059/2		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-721059/3		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-217163-E-1	TW-01_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-217163-D-2	TW-18_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-217163-E-3	TW-16_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-217163-E-4	TW-13_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-217163-E-5	TW-07_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-217163-E-6	TW-10_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-217163-D-7	TW-09_20200828	3510C, 8270D	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00036	OP_BNASurroga 00018				
MB 460-721059/1		3510C, 8270D			200 uL				
LCS 460-721059/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-721059/3		3510C, 8270D		200 uL	200 uL				
460-217163-E-1	TW-01_20200828	3510C, 8270D	T		200 uL				
460-217163-D-2	TW-18_20200828	3510C, 8270D	T		200 uL				
460-217163-E-3	TW-16_20200828	3510C, 8270D	T		200 uL				
460-217163-E-4	TW-13_20200828	3510C, 8270D	T		200 uL				
460-217163-E-5	TW-07_20200828	3510C, 8270D	T		200 uL				
460-217163-E-6	TW-10_20200828	3510C, 8270D	T		200 uL				
460-217163-D-7	TW-09_20200828	3510C, 8270D	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Batch Number: 721059 Batch Start Date: 09/01/20 09:47 Batch Analyst: Babu, Dhanalakshmi X

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2972
Batch Comment	3510C_LVI / BNA
Analyst ID - Concentration	dB
Concentration 1 Corrected Temperature	37 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	dB
Method/Fraction	3510C_LVI / BNA
Na2SO4 ID	195259
pH Indicator ID	HC-991818
Prep Solvent ID	MeCL2 261651
Prep Solvent Volume Used	90 mL
Analyst ID - Spike Analyst	dB
Sufficient Volume for Batch QC	yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	37 Degrees C
Vial Lot Number	1917911362

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1	#	TCX2	#	DCBP1	#	DCBP2	#
SB-04_2-4_20200825	460-216817-1	81		76		83		79	
SB-02_0-2_20200825	460-216817-2	113		106		113		110	
SB-01_1-3_20200825	460-216817-3	118		111		137		142	
SB-09_1-3_20200825	460-216817-4	126		120		128		126	
SB-03_0-2_20200825	460-216817-5	119		113		121		117	
SB-08_2-4_20200825	460-216817-6	127		121		130		127	
SB-15_0-2_20200826	460-216927-1	103		107		99		105	
SB-16_1-3_20200826	460-216927-2	109		120		106		118	
SB-17_0-2_20200826	460-216927-3	98		103		99		103	
SB-10_1-3_20200827	460-217009-1	144		137		142		138	
SB-10_17-19_20200827	460-217009-2	158	X	150	X	156	X	154	X
SB-18_3-5_20200827	460-217009-3	127		120		129		122	
SB-18_16-18_20200827	460-217009-4	133		127		129		130	
SB-05_1-3_20200827	460-217009-5	152	X	144		151	X	145	
SB-07_0-2_20200827	460-217009-6	123		117		121		119	
SB-07_6-8_20200827	460-217009-7	116		112		129		144	
SB-07_15-17_20200827	460-217009-8	126		120		123		120	
SB-06_3-5_20200827	460-217009-9	133		127		129		127	
SB-06_6-8_20200827	460-217009-10	142		135		141		136	
SB-06_17-19_20200827	460-217009-11	110		113		106		112	
SB-12_0-2_20200828	460-217095-1	118		112		114		114	
SB-13_1-3_20200828	460-217095-2	128		122		125		123	
SB-14_2-4_20200828	460-217095-3	129		122		125		123	
SB-11_3-5_20200828	460-217095-4	122		117		121		120	
	MB 460-719880/1-A	67		79		103		87	
	MB 460-720127/1-A	96		94		93		93	
	MB 460-720420/1-A	101		97		99		97	
	MB 460-720421/1-A	124		120		125		124	
	MB 460-720931/1-A	94				92			
	LCS 460-719880/2-A	70		76		84		80	

	QC LIMITS
TCX = Tetrachloro-m-xylene	58-145
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
	LCS 460-720127/2-A	98	94	94	92
	LCS 460-720420/2-A	105	100	101	101
	LCS 460-720421/2-A	95	91	92	92
	LCS 460-720931/2-A	102	97	103	101
	LCSD 460-719880/3-A	90	78	93	85
	LCSD 460-720127/3-A	105	100	101	99
	LCSD 460-720420/3-A	109	103	106	126
	LCSD 460-720421/3-A	109	104	107	108
	LCSD 460-720931/3-A	109	104	107	109
SB-12_0-2_20200828 MS	460-217095-1 MS	121	115	117	115
	460-216908-A-1-A MS	74	81	88	92
	460-216876-A-1-B MS	92	105	92	106
	460-216932-C-1-G MS	106	111	99	110
	460-216985-A-1-B MS	128	122	129	124
SB-12_0-2_20200828 MSD	460-217095-1 MSD	118	111	114	111
	460-216908-A-1-B MSD	90	81	94	96
	460-216876-A-1-C MSD	99	108	98	110
	460-216932-C-1-H MSD	101	108	95	107
	460-216985-A-1-C MSD	131	124	128	125
	460-216563-A-4-E DU	114	110	121	119

	QC LIMITS
TCX = Tetrachloro-m-xylene	58-145
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 9F005077.D

Lab ID: LCS 460-719880/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.321	96	65-133	
Aroclor 1016	0.333	0.321	96	65-133	
Aroclor 1260	0.333	0.365	109	71-150	
Aroclor 1260	0.333	0.375	112	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005261.D

Lab ID: LCS 460-720127/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.320	96	65-133	
Aroclor 1016	0.333	0.340	102	65-133	
Aroclor 1260	0.333	0.314	94	71-150	
Aroclor 1260	0.333	0.319	96	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005313.D

Lab ID: LCS 460-720420/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.324	97	65-133	
Aroclor 1016	0.333	0.368	110	65-133	
Aroclor 1260	0.333	0.338	101	71-150	
Aroclor 1260	0.333	0.353	106	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005326A.D

Lab ID: LCS 460-720421/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.305	92	65-133	
Aroclor 1016	0.333	0.329	99	65-133	
Aroclor 1260	0.333	0.322	97	71-150	
Aroclor 1260	0.333	0.312	94	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005422.D

Lab ID: LCS 460-720931/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.329	99	65-133	
Aroclor 1016	0.333	0.361	108	65-133	
Aroclor 1260	0.333	0.355	107	71-150	
Aroclor 1260	0.333	0.345	104	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 9F005078.D

Lab ID: LCSD 460-719880/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.324	97	1	30	65-133	
Aroclor 1016	0.333	0.357	107	10	30	65-133	
Aroclor 1260	0.333	0.378	113	3	30	71-150	
Aroclor 1260	0.333	0.388	116	3	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005262.D

Lab ID: LCSD 460-720127/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.329	99	3	30	65-133	
Aroclor 1016	0.333	0.357	107	5	30	65-133	
Aroclor 1260	0.333	0.331	99	5	30	71-150	
Aroclor 1260	0.333	0.340	102	6	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005314.D

Lab ID: LCSD 460-720420/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.382	115	16	30	65-133	
Aroclor 1016	0.333	0.384	115	4	30	65-133	
Aroclor 1260	0.333	0.420	126	21	30	71-150	
Aroclor 1260	0.333	0.369	111	4	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005327.D

Lab ID: LCSD 460-720421/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.352	105	14	30	65-133	
Aroclor 1016	0.333	0.377	113	14	30	65-133	
Aroclor 1260	0.333	0.377	113	16	30	71-150	
Aroclor 1260	0.333	0.365	110	16	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005423.D

Lab ID: LCSD 460-720931/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.350	105	6	30	65-133	
Aroclor 1016	0.333	0.378	113	4	30	65-133	
Aroclor 1260	0.333	0.373	112	5	30	71-150	
Aroclor 1260	0.333	0.364	109	5	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005425.D

Lab ID: 460-217095-1 MS Client ID: SB-12_0-2_20200828 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	0.371	0.0099 U	0.445	120	65-133	
Aroclor 1016	0.371	0.0099 U	0.484	130	65-133	
Aroclor 1260	0.371	0.010 U	0.454	122	71-150	
Aroclor 1260	0.371	0.010 U	0.479	129	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 9F005087.D

Lab ID: 460-216908-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	0.409	0.011 U	0.605	148	65-133	F1
Aroclor 1016	0.409	0.011 U	0.682	167	65-133	F1
Aroclor 1260	0.409	0.12	0.639	127	71-150	
Aroclor 1260	0.409	0.12	0.614	121	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005263.D

Lab ID: 460-216876-A-1-B MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	0.452	0.012 U	0.465	103	65-133	
Aroclor 1016	0.452	0.012 U	0.481	106	65-133	
Aroclor 1260	0.452	0.012 U	0.499	111	71-150	
Aroclor 1260	0.452	0.012 U	0.415	92	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005321.D

Lab ID: 460-216932-C-1-G MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	0.409	0.011 U	0.456	111	65-133	
Aroclor 1016	0.409	0.011 U	0.469	115	65-133	
Aroclor 1260	0.409	0.011 U	0.447	109	71-150	
Aroclor 1260	0.409	0.011 U	0.425	104	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005329.D

Lab ID: 460-216985-A-1-B MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	0.367	0.0098 U	0.463	126	65-133	
Aroclor 1016	0.367	0.0098 U	0.499	136	65-133	F1
Aroclor 1260	0.367	0.010 U	0.487	133	71-150	
Aroclor 1260	0.367	0.010 U	0.486	132	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005426.D

Lab ID: 460-217095-1 MSD Client ID: SB-12_0-2_20200828 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.371	0.409	110	8	30	65-133	
Aroclor 1016	0.371	0.455	122	6	30	65-133	
Aroclor 1260	0.371	0.434	117	5	30	71-150	
Aroclor 1260	0.371	0.447	120	7	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 9F005088.D

Lab ID: 460-216908-A-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.409	0.696	170	14	30	65-133	F1
Aroclor 1016	0.409	0.634	155	7	30	65-133	F1
Aroclor 1260	0.409	0.637	126	0	30	71-150	
Aroclor 1260	0.409	0.588	114	4	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005264.D

Lab ID: 460-216876-A-1-C MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.452	0.480	106	3	30	65-133	
Aroclor 1016	0.452	0.503	111	5	30	65-133	
Aroclor 1260	0.452	0.497	110	1	30	71-150	
Aroclor 1260	0.452	0.440	97	6	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0005322.D

Lab ID: 460-216932-C-1-H MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.409	0.448	110	2	30	65-133	
Aroclor 1016	0.409	0.448	110	5	30	65-133	
Aroclor 1260	0.409	0.449	110	1	30	71-150	
Aroclor 1260	0.409	0.412	101	3	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0005330.D

Lab ID: 460-216985-A-1-C MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.367	0.454	124	2	30	65-133	
Aroclor 1016	0.367	0.500	136	0	30	65-133	F1
Aroclor 1260	0.367	0.478	130	2	30	71-150	
Aroclor 1260	0.367	0.483	132	1	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: MB 460-719880/1-A

Matrix: Solid Date Extracted: 08/27/2020 00:25

Lab File ID:(1) 9F005076.D Lab File ID:(2) 9F005076.D

Date Analyzed:(1) 08/27/2020 09:40 Date Analyzed:(2) 08/27/2020 09:40

Instrument ID:(1) CPESTGC9 Instrument ID:(2) CPESTGC9

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-719880/2-A	08/27/2020 09:56	08/27/2020 09:56
	LCSD 460-719880/3-A	08/27/2020 10:13	08/27/2020 10:13
	460-216908-A-1-A MS	08/27/2020 12:39	08/27/2020 12:39
	460-216908-A-1-B MSD	08/27/2020 12:55	08/27/2020 12:55
SB-04_2-4_20200825	460-216817-1	08/28/2020 12:18	08/28/2020 12:18
SB-02_0-2_20200825	460-216817-2	08/28/2020 12:34	08/28/2020 12:34
SB-01_1-3_20200825	460-216817-3	08/28/2020 12:51	08/28/2020 12:51
SB-09_1-3_20200825	460-216817-4	08/28/2020 13:08	08/28/2020 13:08
SB-03_0-2_20200825	460-216817-5	08/28/2020 13:24	08/28/2020 13:24
SB-08_2-4_20200825	460-216817-6	08/28/2020 13:41	08/28/2020 13:41

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: MB 460-720127/1-A

Matrix: Solid Date Extracted: 08/27/2020 18:36

Lab File ID:(1) 13F0005260.D Lab File ID:(2) 13F0005260.D

Date Analyzed:(1) 08/28/2020 05:51 Date Analyzed:(2) 08/28/2020 05:51

Instrument ID:(1) CPESTGC13 Instrument ID:(2) CPESTGC13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-720127/2-A	08/28/2020 06:07	08/28/2020 06:07
	LCSD 460-720127/3-A	08/28/2020 06:22	08/28/2020 06:22
	460-216876-A-1-B MS	08/28/2020 06:38	08/28/2020 06:38
	460-216876-A-1-C MSD	08/28/2020 06:54	08/28/2020 06:54
SB-15_0-2_20200826	460-216927-1	08/28/2020 14:16	08/28/2020 14:16
SB-16_1-3_20200826	460-216927-2	08/28/2020 14:32	08/28/2020 14:32
SB-17_0-2_20200826	460-216927-3	08/28/2020 14:48	08/28/2020 14:48

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: MB 460-720420/1-A

Matrix: Solid Date Extracted: 08/28/2020 19:11

Lab File ID:(1) 13F0005312.D Lab File ID:(2) 13F0005312.D

Date Analyzed:(1) 08/29/2020 11:19 Date Analyzed:(2) 08/29/2020 11:19

Instrument ID:(1) CPESTGC13 Instrument ID:(2) CPESTGC13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-720420/2-A	08/29/2020 11:35	08/29/2020 11:35
	LCSD 460-720420/3-A	08/29/2020 12:13	08/29/2020 12:13
	460-216932-C-1-G MS	08/29/2020 14:03	08/29/2020 14:03
	460-216932-C-1-H MSD	08/29/2020 14:19	08/29/2020 14:19
SB-06_17-19_20200827	460-217009-11	08/29/2020 16:41	08/29/2020 16:41

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: MB 460-720421/1-A

Matrix: Solid Date Extracted: 08/28/2020 19:18

Lab File ID:(1) 14F0005325.D Lab File ID:(2) 14F0005325.D

Date Analyzed:(1) 08/29/2020 11:34 Date Analyzed:(2) 08/29/2020 11:34

Instrument ID:(1) CPESTGC14 Instrument ID:(2) CPESTGC14

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-720421/2-A	08/29/2020 11:51	08/29/2020 11:51
	LCSD 460-720421/3-A	08/29/2020 12:07	08/29/2020 12:07
	460-216985-A-1-B MS	08/29/2020 12:41	08/29/2020 12:41
	460-216985-A-1-C MSD	08/29/2020 12:58	08/29/2020 12:58
SB-10_1-3_20200827	460-217009-1	08/29/2020 15:45	08/29/2020 15:45
SB-10_17-19_20200827	460-217009-2	08/29/2020 16:01	08/29/2020 16:01
SB-18_3-5_20200827	460-217009-3	08/29/2020 16:18	08/29/2020 16:18
SB-18_16-18_20200827	460-217009-4	08/29/2020 16:35	08/29/2020 16:35
SB-05_1-3_20200827	460-217009-5	08/29/2020 16:51	08/29/2020 16:51
SB-07_0-2_20200827	460-217009-6	08/29/2020 17:08	08/29/2020 17:08
SB-07_6-8_20200827	460-217009-7	08/29/2020 17:25	08/29/2020 17:25
SB-07_15-17_20200827	460-217009-8	08/29/2020 17:41	08/29/2020 17:41
SB-06_3-5_20200827	460-217009-9	08/29/2020 17:58	08/29/2020 17:58
SB-06_6-8_20200827	460-217009-10	08/29/2020 18:15	08/29/2020 18:15

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Lab Sample ID: MB 460-720931/1-A

Matrix: Solid Date Extracted: 08/31/2020 18:11

Lab File ID:(1) 14F0005421.D Lab File ID:(2)

Date Analyzed:(1) 09/01/2020 07:42 Date Analyzed:(2)

Instrument ID:(1) CPESTGC14 Instrument ID:(2) CPESTGC14

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-720931/2-A	09/01/2020 07:59	09/01/2020 07:59
	LCSD 460-720931/3-A	09/01/2020 08:15	09/01/2020 08:15
SB-12_0-2_20200828 MS	460-217095-1 MS	09/01/2020 08:49	09/01/2020 08:49
SB-12_0-2_20200828 MSD	460-217095-1 MSD	09/01/2020 09:05	09/01/2020 09:05
SB-12_0-2_20200828	460-217095-1	09/01/2020 09:22	09/01/2020 09:22
SB-13_1-3_20200828	460-217095-2	09/01/2020 09:39	09/01/2020 09:39
SB-14_2-4_20200828	460-217095-3	09/01/2020 09:55	09/01/2020 09:55
SB-11_3-5_20200828	460-217095-4	09/01/2020 10:12	09/01/2020 10:12
	460-216563-A-4-E DU	09/01/2020 12:42	09/01/2020 12:42

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: IC 460-683741/2 Date Analyzed: 03/26/2020 07:26

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 13F0000429.D Heated Purge: (Y/N) N

Calibration ID: 78829

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		14468700	1.67				
UPPER LIMIT		28937400	1.74				
LOWER LIMIT		7234350	1.60				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-683741/7		15216373	1.67				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: IC 460-683741/2 Date Analyzed: 03/26/2020 07:26

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 13F0000429.D Heated Purge: (Y/N) N

Calibration ID: 78830

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		14788583	1.31				
UPPER LIMIT		29577166	1.38				
LOWER LIMIT		7394292	1.24				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-683741/7		15247884	1.31				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720198/2 Date Analyzed: 08/28/2020 04:48

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 13F0005256.D Heated Purge: (Y/N) N

Calibration ID: 78871

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		17590104	1.53				
UPPER LIMIT		35180208	1.60				
LOWER LIMIT		8795052	1.46				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720127/1-A		16174928	1.53				
LCS 460-720127/2-A		16242526	1.54				
LCSD 460-720127/3-A		15347423	1.54				
460-216876-A-1-B MS		16302886	1.53				
460-216876-A-1-C MSD		15315961	1.53				
460-216927-1	SB-15_0-2_20200826	15844810	1.54				
460-216927-2	SB-16_1-3_20200826	13242988	1.54				
460-216927-3	SB-17_0-2_20200826	16405421	1.53				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720198/2 Date Analyzed: 08/28/2020 04:48

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 13F0005256.D Heated Purge: (Y/N) N

Calibration ID: 78872

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		15701261	1.23				
UPPER LIMIT		31402522	1.30				
LOWER LIMIT		7850631	1.16				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720127/1-A		14237391	1.23				
LCS 460-720127/2-A		14227995	1.23				
LCSD 460-720127/3-A		13452878	1.23				
460-216876-A-1-B MS		16985685	1.23				
460-216876-A-1-C MSD		15130346	1.23				
460-216927-1	SB-15_0-2_20200826	14748188	1.23				
460-216927-2	SB-16_1-3_20200826	13085082	1.23				
460-216927-3	SB-17_0-2_20200826	15491746	1.23				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720513/2 Date Analyzed: 08/29/2020 10:15

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 13F0005308.D Heated Purge: (Y/N) N

Calibration ID: 78871

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		19865024	1.53				
UPPER LIMIT		39730048	1.60				
LOWER LIMIT		9932512	1.46				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720420/1-A		15832594	1.53				
LCS 460-720420/2-A		15732407	1.53				
LCSD 460-720420/3-A		12015939	1.53				
460-216932-C-1-G MS		15056795	1.53				
460-216932-C-1-H MSD		15323176	1.53				
460-217009-11	SB-06_17-19_20200827	15323108	1.53				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720513/2 Date Analyzed: 08/29/2020 10:15

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 13F0005308.D Heated Purge: (Y/N) N

Calibration ID: 78872

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		17508691	1.23				
UPPER LIMIT		35017382	1.30				
LOWER LIMIT		8754346	1.16				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720420/1-A		13630868	1.23				
LCS 460-720420/2-A		13687379	1.23				
LCSD 460-720420/3-A		12675691	1.23				
460-216932-C-1-G MS		14437253	1.23				
460-216932-C-1-H MSD		14912209	1.23				
460-217009-11	SB-06_17-19_20200827	14173409	1.23				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: IC 460-712052/2 Date Analyzed: 07/28/2020 12:27

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0004213.D Heated Purge: (Y/N) N

Calibration ID: 81216

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		16346608	1.65				
UPPER LIMIT		32693216	1.72				
LOWER LIMIT		8173304	1.58				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-712052/7		17889736	1.66				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: IC 460-712052/2 Date Analyzed: 07/28/2020 12:27

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0004213.D Heated Purge: (Y/N) N

Calibration ID: 81217

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		24376525	1.40				
UPPER LIMIT		48753050	1.47				
LOWER LIMIT		12188263	1.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-712052/7		26272912	1.40				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720199/2 Date Analyzed: 08/28/2020 04:44

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0005284.D Heated Purge: (Y/N) N

Calibration ID: 81258

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		16716273	1.64				
UPPER LIMIT		33432546	1.71				
LOWER LIMIT		8358137	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-216817-1	SB-04_2-4_20200825	15347262	1.64				
460-216817-2	SB-02_0-2_20200825	14156186	1.65				
460-216817-3	SB-01_1-3_20200825	14432023	1.65				
460-216817-4	SB-09_1-3_20200825	14138972	1.65				
460-216817-5	SB-03_0-2_20200825	14992876	1.64				
460-216817-6	SB-08_2-4_20200825	14996108	1.65				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720199/2 Date Analyzed: 08/28/2020 04:44

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0005284.D Heated Purge: (Y/N) N

Calibration ID: 81259

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		23722399	1.39				
UPPER LIMIT		47444798	1.46				
LOWER LIMIT		11861200	1.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-216817-1	SB-04_2-4_20200825	21510109	1.40				
460-216817-2	SB-02_0-2_20200825	19707484	1.40				
460-216817-3	SB-01_1-3_20200825	20189929	1.40				
460-216817-4	SB-09_1-3_20200825	19760153	1.40				
460-216817-5	SB-03_0-2_20200825	20835449	1.39				
460-216817-6	SB-08_2-4_20200825	20973050	1.40				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720514/2 Date Analyzed: 08/29/2020 10:26

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0005321.D Heated Purge: (Y/N) N

Calibration ID: 81258

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		17282047	1.64				
UPPER LIMIT		34564094	1.71				
LOWER LIMIT		8641024	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720421/1-A		14490002	1.64				
LCS 460-720421/2-A		18507671	1.64				
LCSD 460-720421/3-A		16153328	1.64				
460-216985-A-1-B MS		16347116	1.65				
460-216985-A-1-C MSD		16231991	1.65				
460-217009-1	SB-10_1-3_20200827	14497773	1.64				
460-217009-2	SB-10_17-19_20200827	14818232	1.64				
460-217009-3	SB-18_3-5_20200827	15329640	1.64				
460-217009-4	SB-18_16-18_20200827	15270526	1.64				
460-217009-5	SB-05_1-3_20200827	14440050	1.64				
460-217009-6	SB-07_0-2_20200827	16525706	1.64				
460-217009-7	SB-07_6-8_20200827	12965728	1.64				
460-217009-8	SB-07_15-17_20200827	14910640	1.64				
460-217009-9	SB-06_3-5_20200827	14874231	1.64				
460-217009-10	SB-06_6-8_20200827	15031164	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720514/2 Date Analyzed: 08/29/2020 10:26

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0005321.D Heated Purge: (Y/N) N

Calibration ID: 81259

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		24618829	1.39				
UPPER LIMIT		49237658	1.46				
LOWER LIMIT		12309415	1.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720421/1-A		20565902	1.40				
LCS 460-720421/2-A		26433955	1.40				
LCSD 460-720421/3-A		23159486	1.39				
460-216985-A-1-B MS		22945948	1.40				
460-216985-A-1-C MSD		22604167	1.40				
460-217009-1	SB-10_1-3_20200827	20223847	1.40				
460-217009-2	SB-10_17-19_20200827	20700130	1.39				
460-217009-3	SB-18_3-5_20200827	21410769	1.40				
460-217009-4	SB-18_16-18_20200827	21298044	1.39				
460-217009-5	SB-05_1-3_20200827	20124062	1.39				
460-217009-6	SB-07_0-2_20200827	23135579	1.39				
460-217009-7	SB-07_6-8_20200827	19291026	1.39				
460-217009-8	SB-07_15-17_20200827	20780544	1.40				
460-217009-9	SB-06_3-5_20200827	20735624	1.39				
460-217009-10	SB-06_6-8_20200827	21098137	1.39				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-720992/2 Date Analyzed: 09/01/2020 04:22

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0005409.D Heated Purge: (Y/N) N

Calibration ID: 81259

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		29890981	1.39				
UPPER LIMIT		59781962	1.46				
LOWER LIMIT		14945491	1.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-720931/1-A		25466856	1.39				
LCS 460-720931/2-A		24379229	1.39				
LCSD 460-720931/3-A		23385848	1.39				
460-217095-1 MS	SB-12_0-2_20200828 MS	23669555	1.39				
460-217095-1 MSD	SB-12_0-2_20200828 MSD	24423526	1.40				
460-217095-1	SB-12_0-2_20200828	23393575	1.40				
460-217095-2	SB-13_1-3_20200828	22303601	1.39				
460-217095-3	SB-14_2-4_20200828	21446029	1.39				
460-217095-4	SB-11_3-5_20200828	22963723	1.39				
460-216563-A-4-E DU		21494987	1.39				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-719895/2 Date Analyzed: 08/27/2020 09:15

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 9F005075.D Heated Purge: (Y/N) N

Calibration ID: 81598

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		4191543	1.77				
UPPER LIMIT		8383086	1.84				
LOWER LIMIT		2095772	1.70				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-719880/1-A		4140576	1.77				
LCS 460-719880/2-A		4427971	1.77				
LCSD 460-719880/3-A		4220892	1.77				
460-216908-A-1-A MS		4102478	1.77				
460-216908-A-1-B MSD		4252804	1.77				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Sample No.: CCVIS 460-719895/2 Date Analyzed: 08/27/2020 09:15

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 9F005075.D Heated Purge: (Y/N) N

Calibration ID: 81599

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		6032337	1.53				
UPPER LIMIT		12064674	1.60				
LOWER LIMIT		3016169	1.46				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-719880/1-A		5260576	1.53				
LCS 460-719880/2-A		6098106	1.53				
LCSD 460-719880/3-A		5834647	1.53				
460-216908-A-1-A MS		5936869	1.53				
460-216908-A-1-B MSD		6010778	1.53				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 MS Lab Sample ID: 460-217095-1 MS

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 09/01/2020 08:49 Date Analyzed (2): 09/01/2020 08:49

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.37	2.51	0.470	0.484	8.3
		2	2.83	2.76	2.90	0.507		
		3	3.05	2.98	3.12	0.498		
		4	3.35	3.28	3.42	0.504		
		5	3.51	3.43	3.57	0.503		
		6	3.58	3.50	3.64	0.501		
		7	3.98	3.91	4.05	0.499		
		8	4.43	4.35	4.49	0.388		
	2	1	3.21	3.17	3.23	0.454	0.445	
		2	3.71	3.63	3.77	0.449		
		3	4.27	4.19	4.33	0.468		
		4	4.44	4.36	4.50	0.459		
		5	4.57	4.49	4.63	0.458		
		6	5.02	4.94	5.08	0.487		
		7	5.17	5.09	5.23	0.427		
		8	5.55	5.47	5.61	0.358		
Aroclor 1260	1	1	5.44	5.36	5.50	0.416	0.479	5.3
		2	5.79	5.71	5.85	0.406		
		3	6.34	6.27	6.41	0.488		
		4	6.71	6.63	6.77	0.469		
		5	7.23	7.15	7.29	0.481		
		6	7.72	7.64	7.78	0.455		
		7	7.89	7.81	7.95	0.536		
		8	9.00	8.92	9.06	0.579		
	2	1	6.52	6.48	6.54	0.438	0.454	
		2	6.77	6.69	6.83	0.435		
		3	7.14	7.05	7.19	0.422		
		4	7.96	7.88	8.02	0.440		
		5	8.55	8.46	8.60	0.439		
		6	9.12	9.03	9.17	0.467		
		7	9.79	9.71	9.85	0.443		
		8	10.45	10.37	10.51	0.548		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-12_0-2_20200828 MSD Lab Sample ID: 460-217095-1 MSD

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 09/01/2020 09:05 Date Analyzed (2): 09/01/2020 09:05

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.37	2.51	0.447	0.455	10.6
		2	2.83	2.76	2.90	0.479		
		3	3.06	2.98	3.12	0.470		
		4	3.36	3.28	3.42	0.472		
		5	3.51	3.43	3.57	0.473		
		6	3.58	3.50	3.64	0.470		
		7	3.98	3.91	4.05	0.466		
		8	4.43	4.35	4.49	0.361		
	2	1	3.21	3.17	3.23	0.425	0.409	
		2	3.72	3.63	3.77	0.415		
		3	4.27	4.19	4.33	0.431		
		4	4.44	4.36	4.50	0.424		
		5	4.57	4.49	4.63	0.422		
		6	5.02	4.94	5.08	0.445		
		7	5.17	5.09	5.23	0.384		
		8	5.55	5.47	5.61	0.326		
Aroclor 1260	1	1	5.44	5.36	5.50	0.384	0.447	3.0
		2	5.79	5.71	5.85	0.375		
		3	6.34	6.27	6.41	0.454		
		4	6.71	6.63	6.77	0.436		
		5	7.23	7.15	7.29	0.449		
		6	7.72	7.64	7.78	0.426		
		7	7.89	7.81	7.95	0.506		
		8	9.00	8.92	9.06	0.545		
	2	1	6.52	6.48	6.54	0.412	0.434	
		2	6.77	6.69	6.83	0.409		
		3	7.14	7.05	7.19	0.398		
		4	7.96	7.88	8.02	0.433		
		5	8.55	8.46	8.60	0.422		
		6	9.12	9.03	9.17	0.441		
		7	9.79	9.71	9.85	0.421		
		8	10.46	10.37	10.51	0.533		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-719880/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 08/27/2020 09:56 Date Analyzed (2): 08/27/2020 09:56

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.56	2.49	2.63	0.244	0.321	0.2
		2	2.93	2.85	2.99	0.297		
		3	3.13	3.06	3.20	0.323		
		4	3.41	3.34	3.48	0.361		
		5	3.55	3.48	3.62	0.355		
		6	3.61	3.54	3.68	0.339		
		7	3.98	3.91	4.05	0.365		
		8	4.39	4.32	4.46	0.286		
	2	1	3.29	3.26	3.32	0.319	0.321	
		2	3.76	3.69	3.83	0.343		
		3	4.28	4.21	4.35	0.349		
		4	4.44	4.36	4.50	0.351		
		5	4.55	4.48	4.62	0.265		
		6	4.98	4.90	5.04	0.360		
		7	5.13	5.05	5.19	0.319		
		8	5.51	5.44	5.58	0.261		
Aroclor 1260	1	1	5.33	5.26	5.40	0.346	0.375	2.8
		2	5.69	5.62	5.76	0.355		
		3	6.25	6.18	6.32	0.398		
		4	6.62	6.55	6.69	0.400		
		5	7.16	7.09	7.23	0.383		
		6	7.67	7.60	7.74	0.393		
		7	7.83	7.76	7.90	0.376		
		8	8.94	8.87	9.01	0.348		
	2	1	6.54	6.50	6.56	0.341	0.365	
		2	6.80	6.73	6.87	0.335		
		3	7.18	7.11	7.25	0.333		
		4	8.05	7.98	8.12	0.376		
		5	8.67	8.60	8.74	0.377		
		6	9.14	9.07	9.21	0.373		
		7	9.60	9.53	9.67	0.381		
		8	10.19	10.13	10.27	0.401		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-719880/3-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 08/27/2020 10:13 Date Analyzed (2): 08/27/2020 10:13

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.56	2.49	2.63	0.284	0.357	9.5
		2	2.93	2.85	2.99	0.342		
		3	3.13	3.06	3.20	0.371		
		4	3.41	3.34	3.48	0.395		
		5	3.55	3.48	3.62	0.390		
		6	3.61	3.54	3.68	0.370		
		7	3.98	3.91	4.05	0.389		
		8	4.39	4.32	4.46	0.312		
	2	1	3.29	3.26	3.32	0.334	0.324	
		2	3.76	3.69	3.83	0.376		
		3	4.28	4.21	4.35	0.360		
		4	4.44	4.36	4.50	0.362		
		5	4.55	4.48	4.62	0.269		
		6	4.98	4.90	5.04	0.353		
		7	5.13	5.05	5.19	0.307		
		8	5.51	5.44	5.58	0.234		
Aroclor 1260	1	1	5.33	5.26	5.40	0.344	0.388	2.7
		2	5.69	5.62	5.76	0.344		
		3	6.25	6.18	6.32	0.390		
		4	6.62	6.55	6.69	0.397		
		5	7.16	7.09	7.23	0.388		
		6	7.67	7.60	7.74	0.416		
		7	7.83	7.76	7.90	0.395		
		8	8.94	8.87	9.01	0.429		
	2	1	6.54	6.50	6.56	0.336	0.378	
		2	6.80	6.73	6.87	0.333		
		3	7.18	7.11	7.25	0.336		
		4	8.05	7.98	8.12	0.387		
		5	8.67	8.60	8.74	0.385		
		6	9.14	9.07	9.21	0.396		
		7	9.60	9.53	9.67	0.414		
		8	10.19	10.13	10.27	0.433		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216908-A-1-A MS

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 08/27/2020 12:39 Date Analyzed (2): 08/27/2020 12:39

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.56	2.49	2.63	0.443	0.682	11.9
		2	2.93	2.85	2.99	0.492		
		3	3.13	3.06	3.20	0.571		
		4	3.41	3.34	3.48	0.583		
		5	3.55	3.48	3.62	0.613		
		6	3.61	3.54	3.68	0.731		
		7	3.98	3.91	4.05	0.560		
		8	4.40	4.32	4.46	1.46		
	2	1	3.29	3.26	3.32	0.451	0.605	
		2	3.76	3.69	3.83	0.534		
		3	4.28	4.21	4.35	0.524		
		4	4.44	4.36	4.50	0.444		
		5	4.55	4.48	4.62	0.747		
		6	4.97	4.90	5.04	1.03		
		7	5.13	5.05	5.19	0.602		
		8	5.51	5.44	5.58	0.511		
Aroclor 1260	1	1	5.33	5.26	5.40	0.872	0.614	4.1
		2	5.69	5.62	5.76	0.441		
		3	6.25	6.18	6.32	0.602		
		4	6.62	6.55	6.69	0.591		
		5	7.16	7.09	7.23	0.514		
		6	7.67	7.60	7.74	0.718		
		7	7.83	7.76	7.90	0.550		
		8	8.94	8.87	9.01	0.622		
	2	1	6.54	6.50	6.56	0.484	0.639	
		2	6.80	6.73	6.87	0.564		
		3	7.17	7.11	7.25	1.00		
		4	8.05	7.98	8.12	0.597		
		5	8.67	8.60	8.74	0.566		
		6	9.14	9.07	9.21	0.591		
		7	9.60	9.53	9.67	0.649		
		8	10.20	10.13	10.27	0.660		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216908-A-1-B MSD

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 08/27/2020 12:55 Date Analyzed (2): 08/27/2020 12:55

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.56	2.49	2.63	0.477	0.634	9.3
		2	2.93	2.85	2.99	0.466		
		3	3.13	3.06	3.20	0.526		
		4	3.41	3.34	3.48	0.584		
		5	3.55	3.48	3.62	0.607		
		6	3.61	3.54	3.68	0.683		
		7	3.98	3.91	4.05	0.520		
		8	4.40	4.32	4.46	1.21		
	2	1	3.29	3.26	3.32	0.457	0.696	
		2	3.76	3.69	3.83	0.536		
		3	4.28	4.21	4.35	0.577		
		4	4.44	4.36	4.50	0.579		
		5	4.55	4.48	4.62	1.05		
		6	4.97	4.90	5.04	1.11		
		7	5.13	5.05	5.19	0.692		
		8	5.52	5.44	5.58	0.566		
Aroclor 1260	1	1	5.33	5.26	5.40	0.816	0.588	8.0
		2	5.69	5.62	5.76	0.409		
		3	6.25	6.18	6.32	0.561		
		4	6.63	6.55	6.69	0.563		
		5	7.16	7.09	7.23	0.507		
		6	7.67	7.60	7.74	0.693		
		7	7.83	7.76	7.90	0.522		
		8	8.94	8.87	9.01	0.635		
	2	1	6.54	6.50	6.56	0.534	0.637	
		2	6.80	6.73	6.87	0.591		
		3	7.17	7.11	7.25	1.00		
		4	8.05	7.98	8.12	0.563		
		5	8.67	8.60	8.74	0.521		
		6	9.14	9.07	9.21	0.579		
		7	9.60	9.53	9.67	0.636		
		8	10.20	10.13	10.27	0.670		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720127/2-A

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/28/2020 06:07 Date Analyzed (2): 08/28/2020 06:07

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.19	2.12	2.26	0.350	0.340	6.0
		2	2.55	2.48	2.62	0.360		
		3	2.76	2.69	2.83	0.365		
		4	3.04	2.97	3.11	0.342		
		5	3.19	3.12	3.26	0.350		
		6	3.26	3.19	3.33	0.351		
		7	3.65	3.58	3.72	0.333		
		8	4.09	4.02	4.16	0.266		
	2	1	3.03	3.00	3.06	0.317	0.320	
		2	3.51	3.44	3.58	0.330		
		3	4.07	4.00	4.14	0.322		
		4	4.23	4.16	4.30	0.342		
		5	4.36	4.28	4.42	0.414		
		6	4.81	4.74	4.88	0.310		
		7	4.95	4.88	5.02	0.293		
		8	5.32	5.25	5.39	0.232		
Aroclor 1260	1	1	5.07	5.01	5.15	0.288	0.319	1.6
		2	5.41	5.34	5.48	0.250		
		3	5.91	5.84	5.98	0.314		
		4	6.24	6.18	6.32	0.316		
		5	6.72	6.65	6.79	0.322		
		6	7.17	7.10	7.24	0.300		
		7	7.32	7.26	7.40	0.379		
		8	8.36	8.29	8.43	0.383		
	2	1	6.25	6.22	6.28	0.289	0.314	
		2	6.48	6.41	6.55	0.270		
		3	6.83	6.76	6.90	0.279		
		4	7.61	7.54	7.68	0.319		
		5	8.17	8.10	8.24	0.315		
		6	8.72	8.64	8.78	0.322		
		7	9.50	9.43	9.57	0.333		
		8	10.35	10.28	10.42	0.384		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720127/3-A

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/28/2020 06:22 Date Analyzed (2): 08/28/2020 06:22

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.19	2.12	2.26	0.366	0.357	8.0
		2	2.55	2.48	2.62	0.377		
		3	2.76	2.69	2.83	0.384		
		4	3.05	2.97	3.11	0.359		
		5	3.19	3.12	3.26	0.366		
		6	3.26	3.19	3.33	0.372		
		7	3.65	3.58	3.72	0.351		
		8	4.09	4.02	4.16	0.280		
	2	1	3.03	3.00	3.06	0.321	0.329	
		2	3.52	3.44	3.58	0.347		
		3	4.07	4.00	4.14	0.333		
		4	4.23	4.16	4.30	0.352		
		5	4.36	4.28	4.42	0.427		
		6	4.81	4.74	4.88	0.318		
		7	4.96	4.88	5.02	0.295		
		8	5.32	5.25	5.39	0.240		
Aroclor 1260	1	1	5.07	5.01	5.15	0.311	0.340	2.7
		2	5.40	5.34	5.48	0.263		
		3	5.91	5.84	5.98	0.350		
		4	6.24	6.18	6.32	0.328		
		5	6.72	6.65	6.79	0.340		
		6	7.17	7.10	7.24	0.317		
		7	7.32	7.26	7.40	0.412		
		8	8.35	8.29	8.43	0.401		
	2	1	6.25	6.22	6.28	0.302	0.331	
		2	6.48	6.41	6.55	0.295		
		3	6.83	6.76	6.90	0.293		
		4	7.61	7.54	7.68	0.334		
		5	8.17	8.10	8.24	0.330		
		6	8.72	8.64	8.78	0.337		
		7	9.50	9.43	9.57	0.351		
		8	10.35	10.28	10.42	0.406		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216876-A-1-B MS

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/28/2020 06:38 Date Analyzed (2): 08/28/2020 06:38

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.19	2.12	2.26	0.741	0.481	3.2
		2	2.55	2.48	2.62	0.458		
		3	2.76	2.69	2.83	0.429		
		4	3.04	2.97	3.11	0.451		
		5	3.19	3.12	3.26	0.454		
		6	3.26	3.19	3.33	0.484		
		7	3.65	3.58	3.72	0.438		
		8	4.09	4.02	4.16	0.391		
	2	1	3.03	3.00	3.06	0.465	0.465	
		2	3.52	3.44	3.58	0.503		
		3	4.07	4.00	4.14	0.500		
		4	4.23	4.16	4.30	0.488		
		5	4.35	4.28	4.42	0.457		
		6	4.81	4.74	4.88	0.499		
		7	4.95	4.88	5.02	0.434		
		8	5.32	5.25	5.39	0.376		
Aroclor 1260	1	1	5.07	5.01	5.15	0.367	0.415	18.5
		2	5.40	5.34	5.48	0.313		
		3	5.91	5.84	5.98	0.448		
		4	6.24	6.18	6.32	0.423		
		5	6.72	6.65	6.79	0.379		
		6	7.16	7.10	7.24	0.403		
		7	7.32	7.26	7.40	0.474		
		8	8.35	8.29	8.43	0.511		
	2	1	6.25	6.22	6.28	0.414	0.499	
		2	6.48	6.41	6.55	0.381		
		3	6.83	6.76	6.90	0.476		
		4	7.61	7.54	7.68	0.492		
		5	8.16	8.10	8.24	0.492		
		6	8.71	8.64	8.78	0.568		
		7	9.49	9.43	9.57	0.543		
		8	10.35	10.28	10.42	0.628		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216876-A-1-C MSD

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/28/2020 06:54 Date Analyzed (2): 08/28/2020 06:54

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.19	2.12	2.26	0.746	0.503	4.8
		2	2.55	2.48	2.62	0.488		
		3	2.76	2.69	2.83	0.456		
		4	3.04	2.97	3.11	0.477		
		5	3.19	3.12	3.26	0.481		
		6	3.26	3.19	3.33	0.503		
		7	3.65	3.58	3.72	0.464		
		8	4.09	4.02	4.16	0.411		
	2	1	3.02	3.00	3.06	0.491	0.480	
		2	3.51	3.44	3.58	0.509		
		3	4.07	4.00	4.14	0.506		
		4	4.23	4.16	4.30	0.525		
		5	4.35	4.28	4.42	0.473		
		6	4.80	4.74	4.88	0.508		
		7	4.95	4.88	5.02	0.443		
		8	5.32	5.25	5.39	0.382		
Aroclor 1260	1	1	5.07	5.01	5.15	0.390	0.440	12.2
		2	5.40	5.34	5.48	0.334		
		3	5.90	5.84	5.98	0.459		
		4	6.24	6.18	6.32	0.441		
		5	6.72	6.65	6.79	0.404		
		6	7.16	7.10	7.24	0.427		
		7	7.32	7.26	7.40	0.505		
		8	8.35	8.29	8.43	0.555		
	2	1	6.24	6.22	6.28	0.426	0.497	
		2	6.48	6.41	6.55	0.388		
		3	6.83	6.76	6.90	0.472		
		4	7.61	7.54	7.68	0.493		
		5	8.16	8.10	8.24	0.489		
		6	8.71	8.64	8.78	0.539		
		7	9.50	9.43	9.57	0.543		
		8	10.35	10.28	10.42	0.624		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720420/2-A

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/29/2020 11:35 Date Analyzed (2): 08/29/2020 11:35

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.19	2.12	2.26	0.376	0.368	12.5
		2	2.55	2.48	2.62	0.389		
		3	2.76	2.69	2.83	0.393		
		4	3.04	2.97	3.11	0.369		
		5	3.19	3.12	3.26	0.379		
		6	3.26	3.19	3.33	0.385		
		7	3.65	3.58	3.72	0.361		
		8	4.09	4.02	4.16	0.291		
	2	1	3.02	3.00	3.06	0.337	0.324	
		2	3.51	3.44	3.58	0.334		
		3	4.07	4.00	4.14	0.326		
		4	4.23	4.16	4.30	0.335		
		5	4.35	4.28	4.42	0.402		
		6	4.80	4.73	4.87	0.319		
		7	4.95	4.88	5.02	0.299		
		8	5.32	5.25	5.39	0.242		
Aroclor 1260	1	1	5.07	5.00	5.14	0.324	0.353	4.4
		2	5.40	5.33	5.47	0.274		
		3	5.91	5.84	5.98	0.347		
		4	6.24	6.17	6.31	0.347		
		5	6.72	6.65	6.79	0.383		
		6	7.17	7.10	7.24	0.317		
		7	7.32	7.25	7.39	0.427		
		8	8.35	8.28	8.42	0.409		
	2	1	6.25	6.22	6.28	0.313	0.338	
		2	6.48	6.41	6.55	0.306		
		3	6.83	6.76	6.90	0.304		
		4	7.61	7.54	7.68	0.344		
		5	8.16	8.09	8.23	0.338		
		6	8.71	8.64	8.78	0.343		
		7	9.50	9.42	9.56	0.343		
		8	10.36	10.25	10.39	0.415		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720420/3-A

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/29/2020 12:13 Date Analyzed (2): 08/29/2020 12:13

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.20	2.12	2.26	0.388	0.384	0.4
		2	2.56	2.48	2.62	0.408		
		3	2.77	2.69	2.83	0.415		
		4	3.05	2.97	3.11	0.378		
		5	3.20	3.12	3.26	0.390		
		6	3.27	3.19	3.33	0.406		
		7	3.66	3.58	3.72	0.378		
		8	4.10	4.02	4.16	0.306		
	2	1	3.02	3.00	3.06	0.475	0.382	
		2	3.52	3.44	3.58	0.414		
		3	4.07	4.00	4.14	0.360		
		4	4.23	4.16	4.30	0.351		
		5	4.35	4.28	4.42	0.423		
		6	4.81	4.73	4.87	0.360		
		7	4.96	4.88	5.02	0.376		
		8	5.32	5.25	5.39	0.297		
Aroclor 1260	1	1	5.08	5.00	5.14	0.330	0.369	12.9
		2	5.42	5.33	5.47	0.280		
		3	5.92	5.84	5.98	0.360		
		4	6.26	6.17	6.31	0.356		
		5	6.73	6.65	6.79	0.394		
		6	7.18	7.10	7.24	0.337		
		7	7.34	7.25	7.39	0.462		
		8	8.37	8.28	8.42	0.432		
	2	1	6.25	6.22	6.28	0.530	0.420	
		2	6.48	6.41	6.55	0.363		
		3	6.83	6.76	6.90	0.349		
		4	7.61	7.54	7.68	0.419		
		5	8.17	8.09	8.23	0.382		
		6	8.72	8.64	8.78	0.445		
		7	9.50	9.42	9.56	0.381		
		8	10.33	10.25	10.39	0.487		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216932-C-1-G MS

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/29/2020 14:03 Date Analyzed (2): 08/29/2020 14:03

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.19	2.12	2.26	0.505	0.469	2.8
		2	2.55	2.48	2.62	0.486		
		3	2.76	2.69	2.83	0.519		
		4	3.04	2.97	3.11	0.458		
		5	3.19	3.12	3.26	0.465		
		6	3.26	3.19	3.33	0.500		
		7	3.65	3.58	3.72	0.449		
		8	4.09	4.02	4.16	0.373		
	2	1	3.03	3.00	3.06	0.504	0.456	
		2	3.51	3.44	3.58	0.476		
		3	4.07	4.00	4.14	0.452		
		4	4.23	4.16	4.30	0.469		
		5	4.35	4.28	4.42	0.609		
		6	4.80	4.73	4.87	0.466		
		7	4.95	4.88	5.02	0.391		
		8	5.32	5.25	5.39	0.282		
Aroclor 1260	1	1	5.07	5.00	5.14	0.385	0.425	4.9
		2	5.40	5.33	5.47	0.327		
		3	5.91	5.84	5.98	0.422		
		4	6.24	6.17	6.31	0.423		
		5	6.72	6.65	6.79	0.427		
		6	7.17	7.10	7.24	0.407		
		7	7.32	7.25	7.39	0.498		
		8	8.35	8.28	8.42	0.512		
	2	1	6.24	6.22	6.28	0.355	0.447	
		2	6.48	6.41	6.55	0.358		
		3	6.83	6.76	6.90	0.406		
		4	7.61	7.54	7.68	0.465		
		5	8.16	8.09	8.23	0.456		
		6	8.71	8.64	8.78	0.473		
		7	9.49	9.42	9.56	0.499		
		8	10.32	10.25	10.39	0.562		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216932-C-1-H MSD

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 08/29/2020 14:19 Date Analyzed (2): 08/29/2020 14:19

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.18	2.12	2.26	0.483	0.448	0.0
		2	2.55	2.48	2.62	0.465		
		3	2.76	2.69	2.83	0.489		
		4	3.04	2.97	3.11	0.439		
		5	3.19	3.12	3.26	0.444		
		6	3.26	3.19	3.33	0.479		
		7	3.65	3.58	3.72	0.430		
		8	4.09	4.02	4.16	0.359		
	2	1	3.02	3.00	3.06	0.498	0.448	
		2	3.51	3.44	3.58	0.475		
		3	4.07	4.00	4.14	0.456		
		4	4.23	4.16	4.30	0.478		
		5	4.35	4.28	4.42	0.498		
		6	4.80	4.73	4.87	0.463		
		7	4.95	4.88	5.02	0.405		
		8	5.32	5.25	5.39	0.314		
Aroclor 1260	1	1	5.07	5.00	5.14	0.375	0.412	8.6
		2	5.40	5.33	5.47	0.316		
		3	5.90	5.84	5.98	0.408		
		4	6.24	6.17	6.31	0.408		
		5	6.71	6.65	6.79	0.411		
		6	7.17	7.10	7.24	0.396		
		7	7.32	7.25	7.39	0.486		
		8	8.35	8.28	8.42	0.497		
	2	1	6.24	6.22	6.28	0.413	0.449	
		2	6.48	6.41	6.55	0.390		
		3	6.83	6.76	6.90	0.395		
		4	7.61	7.54	7.68	0.454		
		5	8.16	8.09	8.23	0.443		
		6	8.71	8.64	8.78	0.461		
		7	9.49	9.42	9.56	0.491		
		8	10.32	10.25	10.39	0.548		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720421/2-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 08/29/2020 11:51 Date Analyzed (2): 08/29/2020 11:51

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.38	2.52	0.321	0.329	7.6
		2	2.83	2.76	2.90	0.347		
		3	3.06	2.98	3.12	0.342		
		4	3.36	3.28	3.42	0.341		
		5	3.51	3.43	3.57	0.342		
		6	3.58	3.50	3.64	0.341		
		7	3.99	3.91	4.05	0.339		
		8	4.43	4.36	4.50	0.262		
	2	1	3.21	3.18	3.24	0.316	0.305	
		2	3.71	3.64	3.78	0.312		
		3	4.28	4.20	4.34	0.320		
		4	4.44	4.37	4.51	0.316		
		5	4.57	4.49	4.63	0.314		
		6	5.02	4.95	5.09	0.331		
		7	5.17	5.10	5.24	0.289		
		8	5.55	5.47	5.61	0.244		
Aroclor 1260	1	1	5.44	5.36	5.50	0.269	0.312	3.1
		2	5.79	5.72	5.86	0.265		
		3	6.35	6.27	6.41	0.308		
		4	6.71	6.64	6.78	0.295		
		5	7.23	7.16	7.30	0.309		
		6	7.73	7.65	7.79	0.303		
		7	7.89	7.81	7.95	0.366		
		8	9.00	8.93	9.07	0.381		
	2	1	6.52	6.49	6.55	0.305	0.322	
		2	6.78	6.70	6.84	0.301		
		3	7.14	7.06	7.20	0.291		
		4	7.96	7.89	8.03	0.328		
		5	8.55	8.47	8.61	0.321		
		6	9.12	9.04	9.18	0.319		
		7	9.80	9.72	9.86	0.322		
		8	10.46	10.40	10.54	0.389		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720421/3-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 08/29/2020 12:07 Date Analyzed (2): 08/29/2020 12:07

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.38	2.52	0.371	0.377	7.1
		2	2.83	2.76	2.90	0.399		
		3	3.06	2.98	3.12	0.393		
		4	3.35	3.28	3.42	0.392		
		5	3.51	3.43	3.57	0.394		
		6	3.58	3.50	3.64	0.392		
		7	3.98	3.91	4.05	0.389		
		8	4.43	4.36	4.50	0.291		
	2	1	3.21	3.18	3.24	0.363	0.352	
		2	3.72	3.64	3.78	0.361		
		3	4.28	4.20	4.34	0.369		
		4	4.44	4.37	4.51	0.362		
		5	4.57	4.49	4.63	0.362		
		6	5.02	4.95	5.09	0.380		
		7	5.17	5.10	5.24	0.334		
		8	5.55	5.47	5.61	0.283		
Aroclor 1260	1	1	5.44	5.36	5.50	0.311	0.365	3.1
		2	5.79	5.72	5.86	0.306		
		3	6.35	6.27	6.41	0.362		
		4	6.71	6.64	6.78	0.348		
		5	7.23	7.16	7.30	0.365		
		6	7.73	7.65	7.79	0.355		
		7	7.89	7.81	7.95	0.425		
		8	9.00	8.93	9.07	0.449		
	2	1	6.52	6.49	6.55	0.354	0.377	
		2	6.78	6.70	6.84	0.321		
		3	7.14	7.06	7.20	0.342		
		4	7.96	7.89	8.03	0.389		
		5	8.55	8.47	8.61	0.385		
		6	9.12	9.04	9.18	0.382		
		7	9.80	9.72	9.86	0.387		
		8	10.46	10.40	10.54	0.454		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216985-A-1-B MS

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 08/29/2020 12:41 Date Analyzed (2): 08/29/2020 12:41

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.38	2.52	0.486	0.499	7.6
		2	2.83	2.76	2.90	0.520		
		3	3.06	2.98	3.12	0.521		
		4	3.36	3.28	3.42	0.515		
		5	3.51	3.43	3.57	0.517		
		6	3.58	3.50	3.64	0.522		
		7	3.98	3.91	4.05	0.515		
		8	4.43	4.36	4.50	0.397		
	2	1	3.21	3.18	3.24	0.465	0.463	
		2	3.72	3.64	3.78	0.477		
		3	4.28	4.20	4.34	0.491		
		4	4.44	4.37	4.51	0.491		
		5	4.57	4.49	4.63	0.485		
		6	5.02	4.95	5.09	0.498		
		7	5.17	5.10	5.24	0.434		
		8	5.55	5.47	5.61	0.360		
Aroclor 1260	1	1	5.44	5.36	5.50	0.417	0.486	0.2
		2	5.79	5.72	5.86	0.408		
		3	6.35	6.27	6.41	0.481		
		4	6.71	6.64	6.78	0.462		
		5	7.23	7.16	7.30	0.485		
		6	7.73	7.65	7.79	0.473		
		7	7.89	7.81	7.95	0.561		
		8	9.00	8.93	9.07	0.599		
	2	1	6.52	6.49	6.55	0.450	0.487	
		2	6.78	6.70	6.84	0.449		
		3	7.14	7.06	7.20	0.442		
		4	7.96	7.89	8.03	0.503		
		5	8.55	8.47	8.61	0.493		
		6	9.12	9.04	9.18	0.488		
		7	9.80	9.72	9.86	0.481		
		8	10.46	10.40	10.54	0.590		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216985-A-1-C MSD

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 08/29/2020 12:58 Date Analyzed (2): 08/29/2020 12:58

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.38	2.52	0.487	0.500	9.7
		2	2.84	2.76	2.90	0.522		
		3	3.06	2.98	3.12	0.516		
		4	3.36	3.28	3.42	0.518		
		5	3.51	3.43	3.57	0.521		
		6	3.58	3.50	3.64	0.523		
		7	3.98	3.91	4.05	0.516		
		8	4.43	4.36	4.50	0.398		
	2	1	3.21	3.18	3.24	0.465	0.454	
		2	3.72	3.64	3.78	0.462		
		3	4.28	4.20	4.34	0.479		
		4	4.44	4.37	4.51	0.468		
		5	4.57	4.49	4.63	0.469		
		6	5.02	4.95	5.09	0.494		
		7	5.17	5.10	5.24	0.431		
		8	5.55	5.47	5.61	0.361		
Aroclor 1260	1	1	5.44	5.36	5.50	0.414	0.483	1.1
		2	5.79	5.72	5.86	0.410		
		3	6.35	6.27	6.41	0.482		
		4	6.71	6.64	6.78	0.462		
		5	7.23	7.16	7.30	0.482		
		6	7.73	7.65	7.79	0.469		
		7	7.89	7.81	7.95	0.555		
		8	9.00	8.93	9.07	0.592		
	2	1	6.52	6.49	6.55	0.450	0.478	
		2	6.78	6.70	6.84	0.410		
		3	7.14	7.06	7.20	0.438		
		4	7.96	7.89	8.03	0.493		
		5	8.55	8.47	8.61	0.483		
		6	9.12	9.04	9.18	0.482		
		7	9.80	9.72	9.86	0.489		
		8	10.46	10.40	10.54	0.579		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-720931/2-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 09/01/2020 07:59 Date Analyzed (2): 09/01/2020 07:59

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.37	2.51	0.350	0.361	9.3
		2	2.83	2.76	2.90	0.377		
		3	3.05	2.98	3.12	0.373		
		4	3.35	3.28	3.42	0.373		
		5	3.51	3.43	3.57	0.376		
		6	3.58	3.50	3.64	0.377		
		7	3.98	3.91	4.05	0.374		
		8	4.43	4.35	4.49	0.290		
	2	1	3.21	3.17	3.23	0.341	0.329	
		2	3.71	3.63	3.77	0.330		
		3	4.27	4.19	4.33	0.345		
		4	4.44	4.36	4.50	0.336		
		5	4.57	4.49	4.63	0.342		
		6	5.02	4.94	5.08	0.359		
		7	5.17	5.09	5.23	0.316		
		8	5.54	5.47	5.61	0.266		
Aroclor 1260	1	1	5.43	5.36	5.50	0.299	0.345	2.9
		2	5.79	5.71	5.85	0.293		
		3	6.34	6.27	6.41	0.339		
		4	6.71	6.63	6.77	0.326		
		5	7.23	7.15	7.29	0.342		
		6	7.72	7.64	7.78	0.335		
		7	7.89	7.81	7.95	0.404		
		8	9.00	8.92	9.06	0.424		
	2	1	6.52	6.48	6.54	0.333	0.355	
		2	6.77	6.69	6.83	0.329		
		3	7.14	7.05	7.19	0.321		
		4	7.96	7.88	8.02	0.366		
		5	8.55	8.46	8.60	0.361		
		6	9.12	9.03	9.17	0.356		
		7	9.79	9.71	9.85	0.357		
		8	10.45	10.37	10.51	0.420		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-720931/3-A

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 09/01/2020 08:15 Date Analyzed (2): 09/01/2020 08:15

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.45	2.37	2.51	0.369	0.378	7.7
		2	2.83	2.76	2.90	0.398		
		3	3.05	2.98	3.12	0.392		
		4	3.35	3.28	3.42	0.391		
		5	3.50	3.43	3.57	0.393		
		6	3.57	3.50	3.64	0.388		
		7	3.98	3.91	4.05	0.387		
		8	4.43	4.35	4.49	0.302		
	2	1	3.21	3.17	3.23	0.358	0.350	
		2	3.71	3.63	3.77	0.351		
		3	4.27	4.19	4.33	0.367		
		4	4.44	4.36	4.50	0.366		
		5	4.57	4.49	4.63	0.362		
		6	5.02	4.94	5.08	0.380		
		7	5.17	5.09	5.23	0.333		
		8	5.54	5.47	5.61	0.279		
Aroclor 1260	1	1	5.43	5.36	5.50	0.316	0.364	2.4
		2	5.79	5.71	5.85	0.308		
		3	6.34	6.27	6.41	0.363		
		4	6.71	6.63	6.77	0.346		
		5	7.23	7.15	7.29	0.361		
		6	7.72	7.64	7.78	0.352		
		7	7.89	7.81	7.95	0.423		
		8	9.00	8.92	9.06	0.443		
	2	1	6.52	6.48	6.54	0.351	0.373	
		2	6.77	6.69	6.83	0.346		
		3	7.14	7.05	7.19	0.337		
		4	7.96	7.88	8.02	0.379		
		5	8.55	8.46	8.60	0.370		
		6	9.12	9.03	9.17	0.372		
		7	9.79	9.71	9.85	0.376		
		8	10.45	10.37	10.51	0.454		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-216563-A-4-E DU

Instrument ID (1): CPESTGC14 Instrument ID (2): CPESTGC14

Date Analyzed (1): 09/01/2020 12:42 Date Analyzed (2): 09/01/2020 12:42

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1260	1	1	5.43	5.36	5.50	0.112	0.202	5.2
		2	5.79	5.71	5.85	0.119		
		3	6.34	6.27	6.41	0.170		
		4	6.71	6.63	6.77	0.141		
		5	7.23	7.15	7.29	0.133		
		7	7.88	7.81	7.95	0.412		
		8	9.00	8.92	9.06	0.329		
	2	2	6.77	6.69	6.83	0.107	0.192	
		3	7.14	7.05	7.19	0.119		
		4	7.96	7.88	8.02	0.172		
		6	9.11	9.03	9.17	0.144		
		7	9.78	9.71	9.85	0.297		
		8	10.46	10.37	10.51	0.314		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: 14F0005311.D

Analysis Method: 8082A Date Collected: 08/25/2020 08:20

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 12:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		10-150
877-09-8	Tetrachloro-m-xylene	76		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005311.D
Lims ID: 460-216817-E-1-A
Client ID: SB-04_2-4_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 12:18:19 ALS Bottle#: 46 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.638	0.006	15347262	20.0	
2	1.395	1.390	0.005	21510109	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.608	2.600	0.008	31872415	38.1	
2	2.062	2.056	0.006	42084204	40.3	
					RPD = 5.48	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.979	10.943	0.036	19812761	39.7	a
2	9.865	9.858	0.007	31236270	41.3	
					RPD = 3.96	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

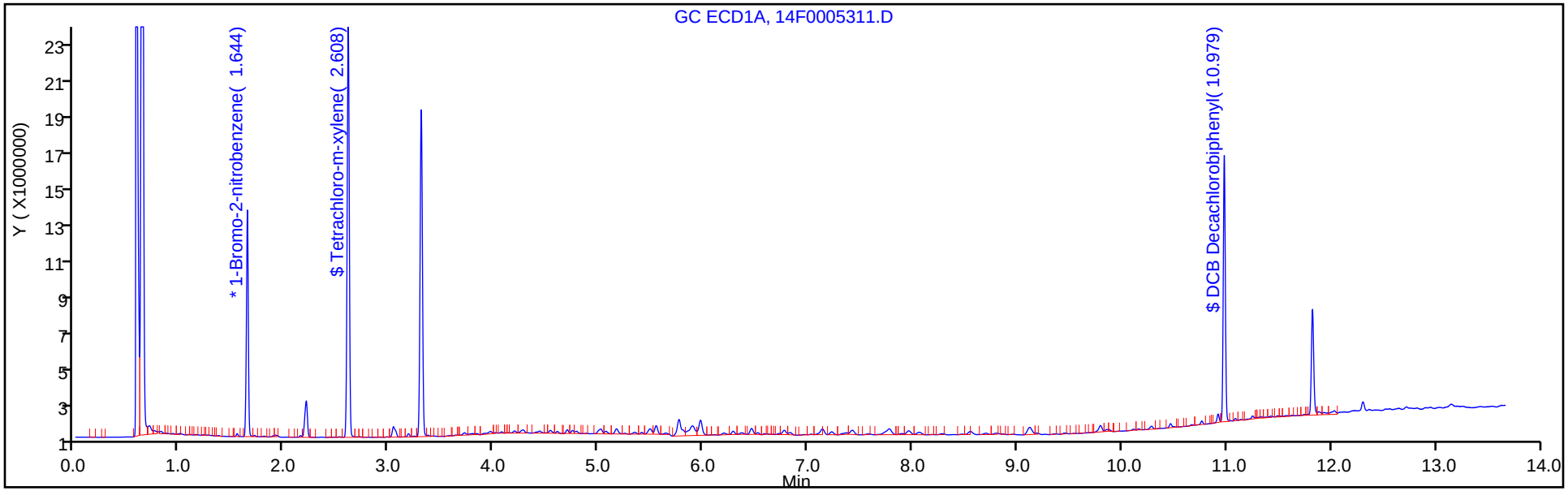
Report Date: 31-Aug-2020 10:46:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

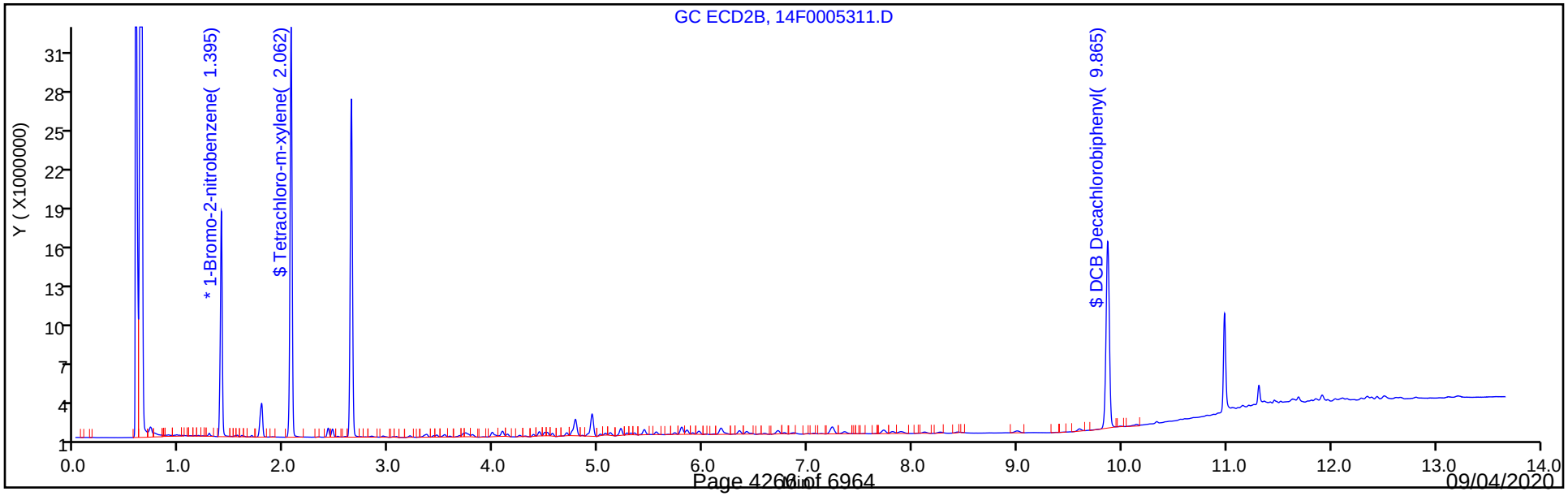
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005311.D

Injection Date:	28-Aug-2020 12:18:19	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-1-A	Lab Sample ID:	460-216817-1	Worklist Smp#:	29
Client ID:	SB-04_2-4_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

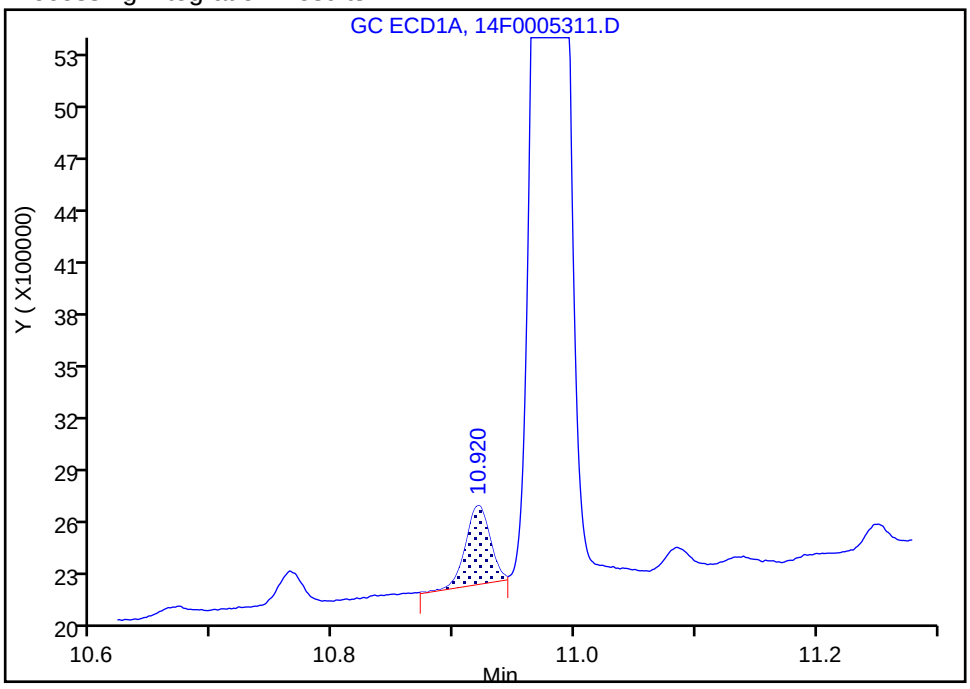
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005311.D				
Injection Date:	28-Aug-2020 12:18:19	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-1-A	Lab Sample ID:	460-216817-1		
Client ID:	SB-04_2-4_20200825				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

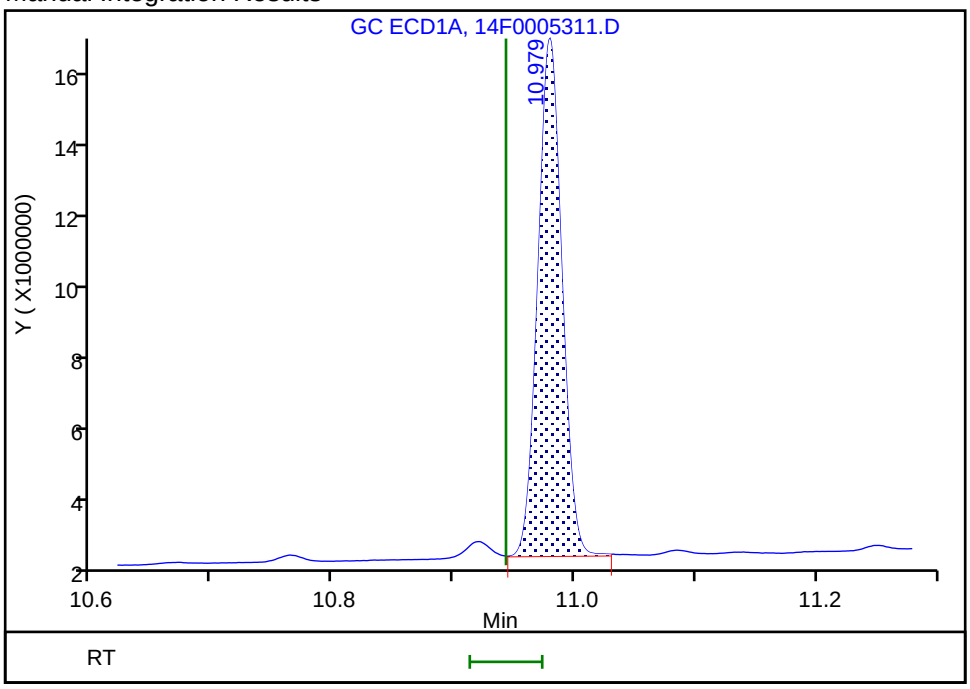
Processing Integration Results

RT: 10.92
Area: 633289
Amount: 1.267419
Amount Units: ug/l



Manual Integration Results

RT: 10.98
Area: 19812761
Amount: 39.651829
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:40:59
Audit Action: Assigned Compound ID Audit Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-04_2-4_20200825 Lab Sample ID: 460-216817-1

Matrix: Solid Lab File ID: 14F0005311.D

Analysis Method: 8082A Date Collected: 08/25/2020 08:20

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 12:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0094	U	0.070	0.0094
11104-28-2	Aroclor 1221	0.0094	U	0.070	0.0094
11141-16-5	Aroclor 1232	0.0094	U	0.070	0.0094
53469-21-9	Aroclor 1242	0.0094	U	0.070	0.0094
12672-29-6	Aroclor 1248	0.0094	U	0.070	0.0094
11097-69-1	Aroclor 1254	0.0097	U	0.070	0.0097
11096-82-5	Aroclor 1260	0.0097	U	0.070	0.0097
37324-23-5	Aroclor-1262	0.0097	U	0.070	0.0097
11100-14-4	Aroclor 1268	0.0097	U	0.070	0.0097
1336-36-3	Polychlorinated biphenyls, Total	0.0097	U	0.070	0.0097

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		10-150
877-09-8	Tetrachloro-m-xylene	81		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005311.D
Lims ID: 460-216817-E-1-A
Client ID: SB-04_2-4_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 12:18:19 ALS Bottle#: 46 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.638	0.006	15347262	20.0	
2	1.395	1.390	0.005	21510109	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.608	2.600	0.008	31872415	38.1	
2	2.062	2.056	0.006	42084204	40.3	
					RPD = 5.48	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.979	10.943	0.036	19812761	39.7	a
2	9.865	9.858	0.007	31236270	41.3	
					RPD = 3.96	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

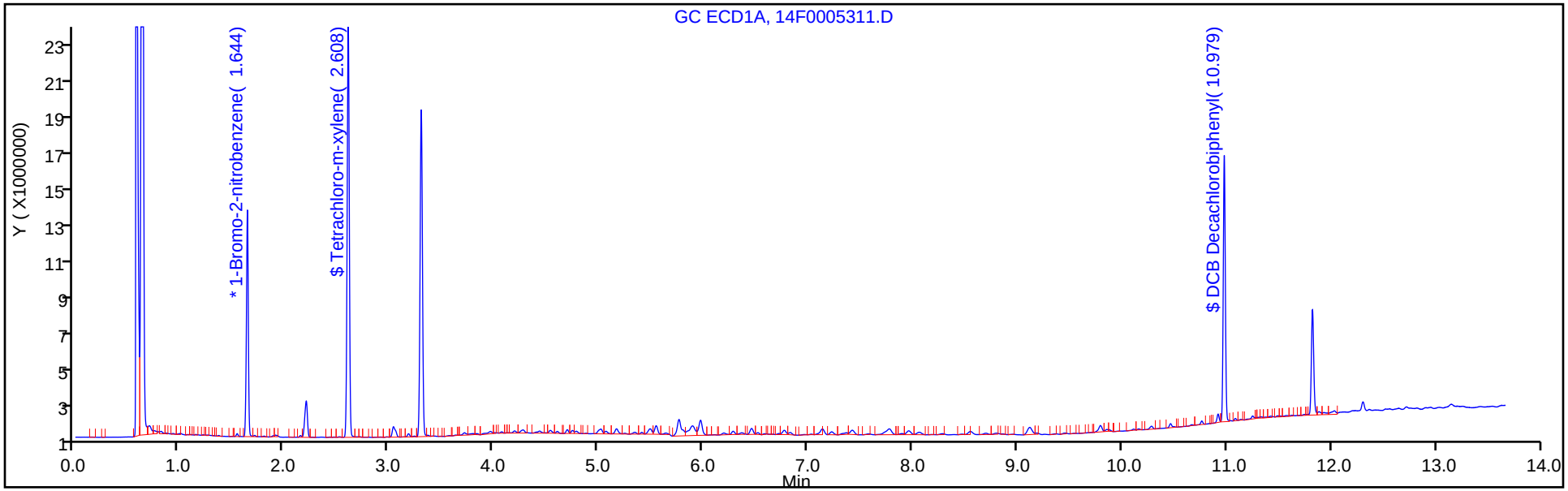
Report Date: 31-Aug-2020 10:46:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

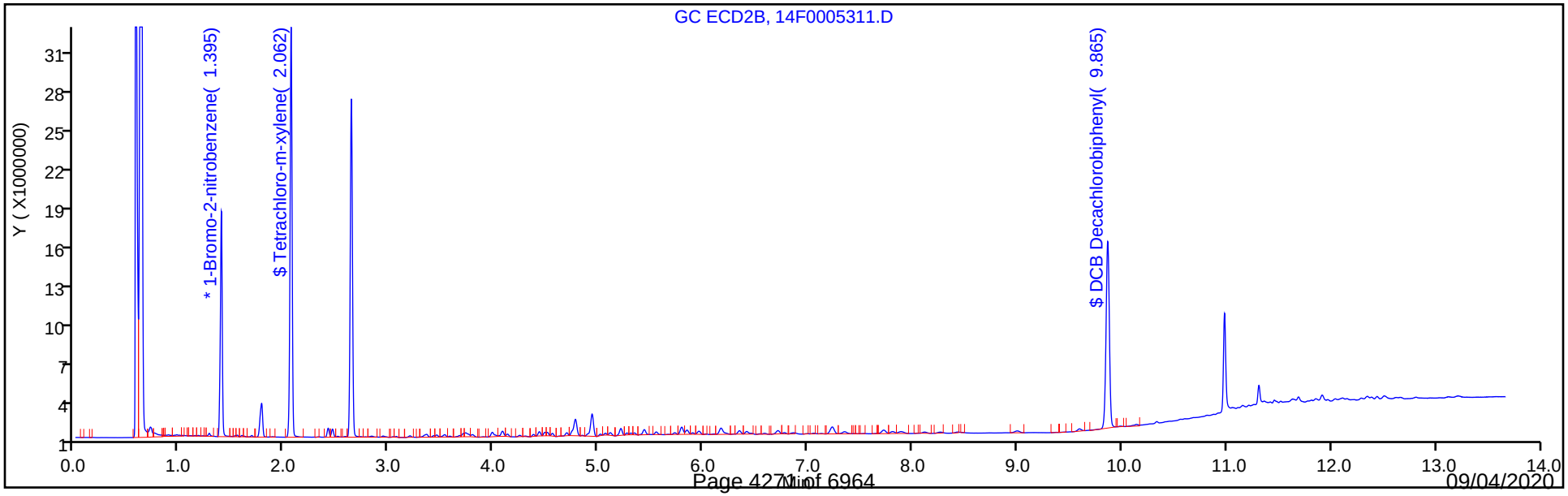
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005311.D

Injection Date:	28-Aug-2020 12:18:19	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-1-A	Lab Sample ID:	460-216817-1	Worklist Smp#:	29
Client ID:	SB-04_2-4_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: 14F0005312.D

Analysis Method: 8082A Date Collected: 08/25/2020 09:25

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 12:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 2.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		10-150
877-09-8	Tetrachloro-m-xylene	106		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D
Lims ID: 460-216817-E-2-A
Client ID: SB-02_0-2_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 12:34:58 ALS Bottle#: 47 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-030
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.638	0.008	14156186	20.0	M
2	1.396	1.390	0.006	19707484	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.610	2.600	0.010	41025783	53.2	
2	2.062	2.056	0.006	54160531	56.6	
					RPD = 6.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.986	10.943	0.043	25358020	55.0	a
2	9.867	9.858	0.009	39358811	56.7	a
					RPD = 3.07	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

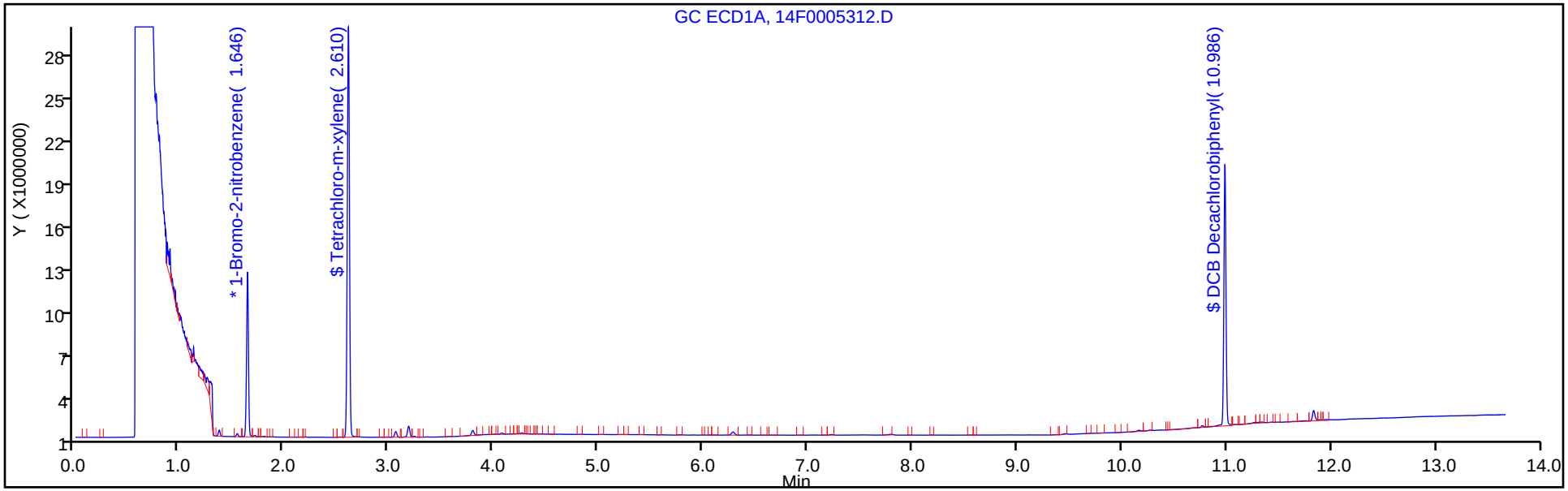
Report Date: 31-Aug-2020 10:46:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

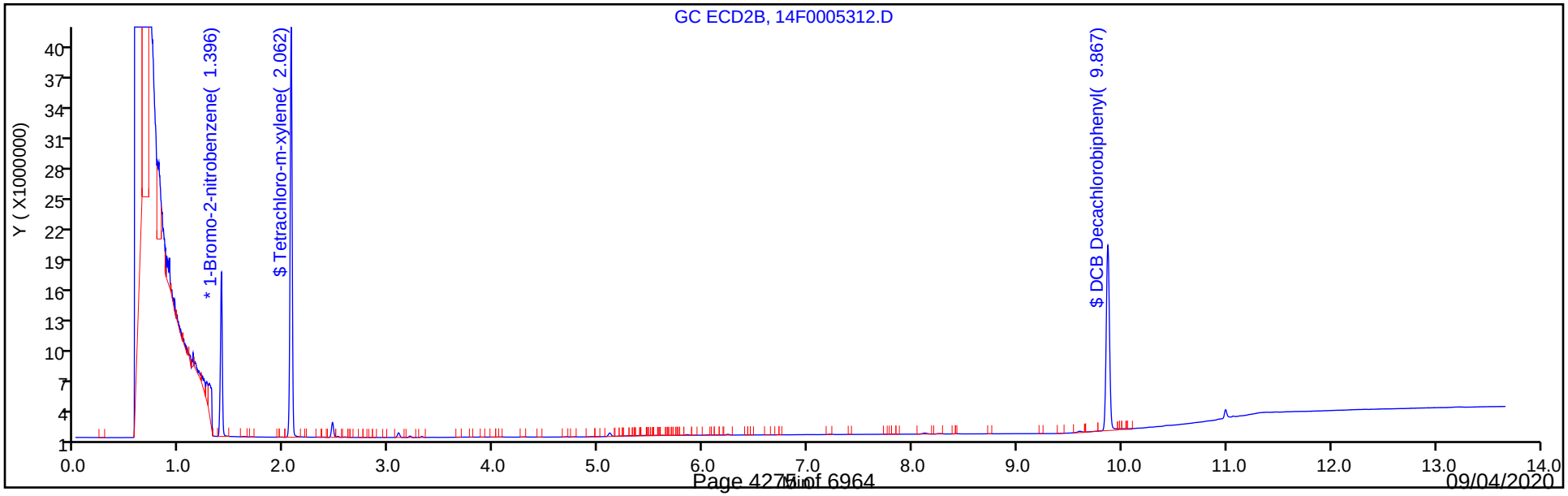
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D

Injection Date:	28-Aug-2020 12:34:58	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-2-A	Lab Sample ID:	460-216817-2	Worklist Smp#:	30
Client ID:	SB-02_0-2_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	47
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

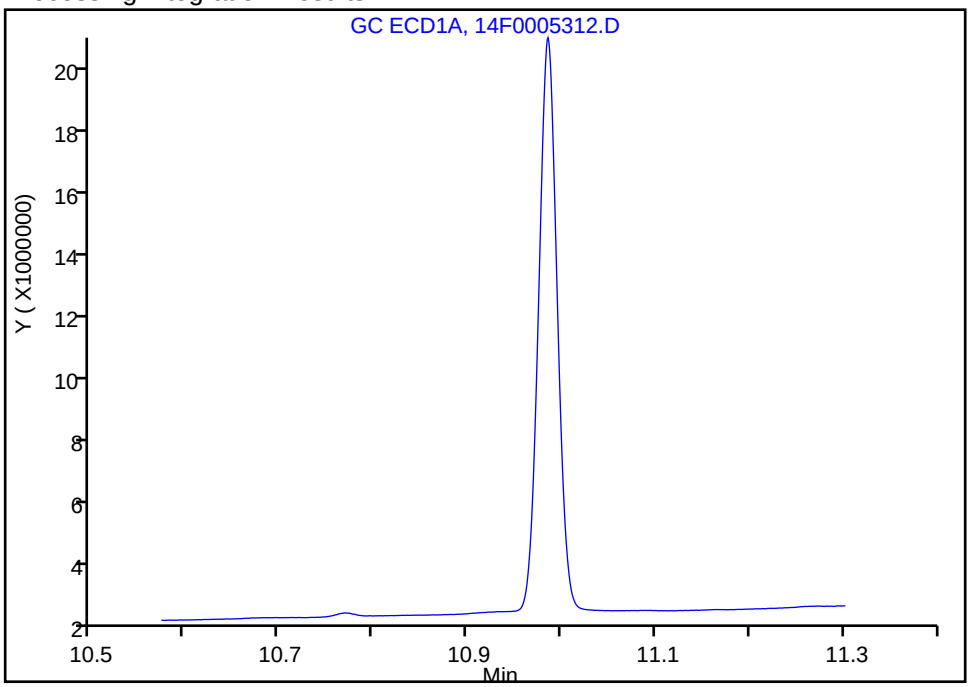
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D				
Injection Date:	28-Aug-2020 12:34:58	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-2-A	Lab Sample ID:	460-216817-2		
Client ID:	SB-02_0-2_20200825				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

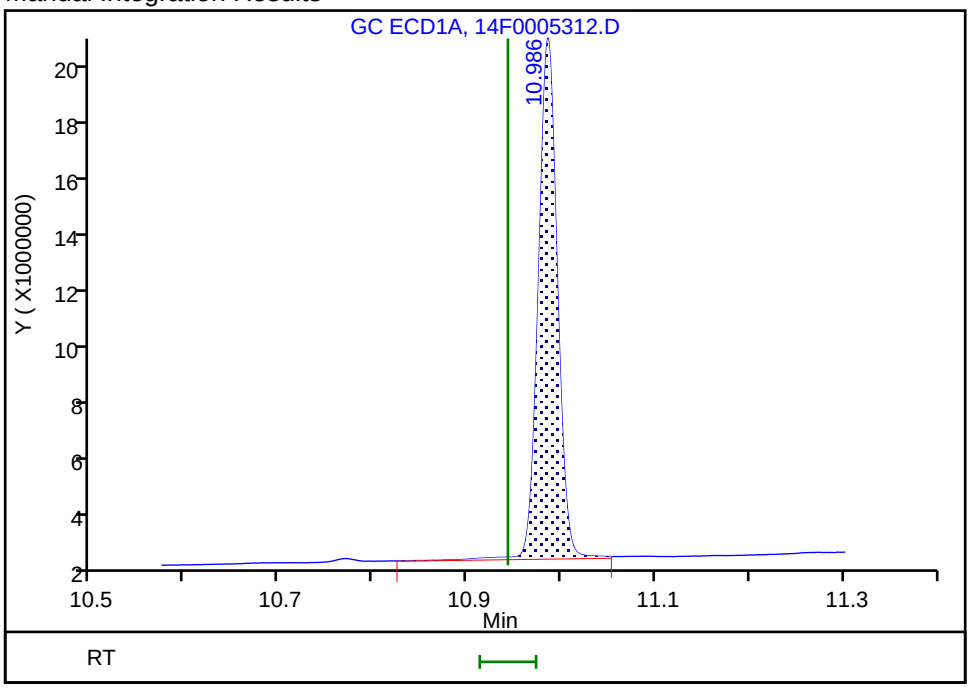
Not Detected
Expected RT: 10.94

Processing Integration Results



Manual Integration Results

RT: 10.99
Area: 25358020
Amount: 55.019700
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:09
Audit Action: Assigned Compound ID Audit Reason:

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

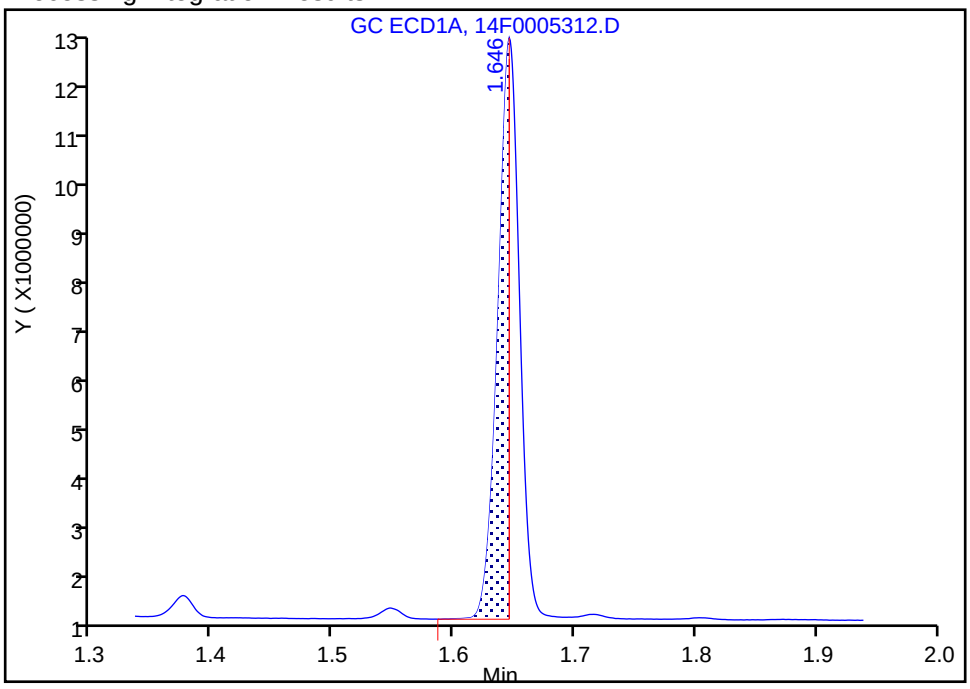
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D				
Injection Date:	28-Aug-2020 12:34:58	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-2-A	Lab Sample ID:	460-216817-2		
Client ID:	SB-02_0-2_20200825				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

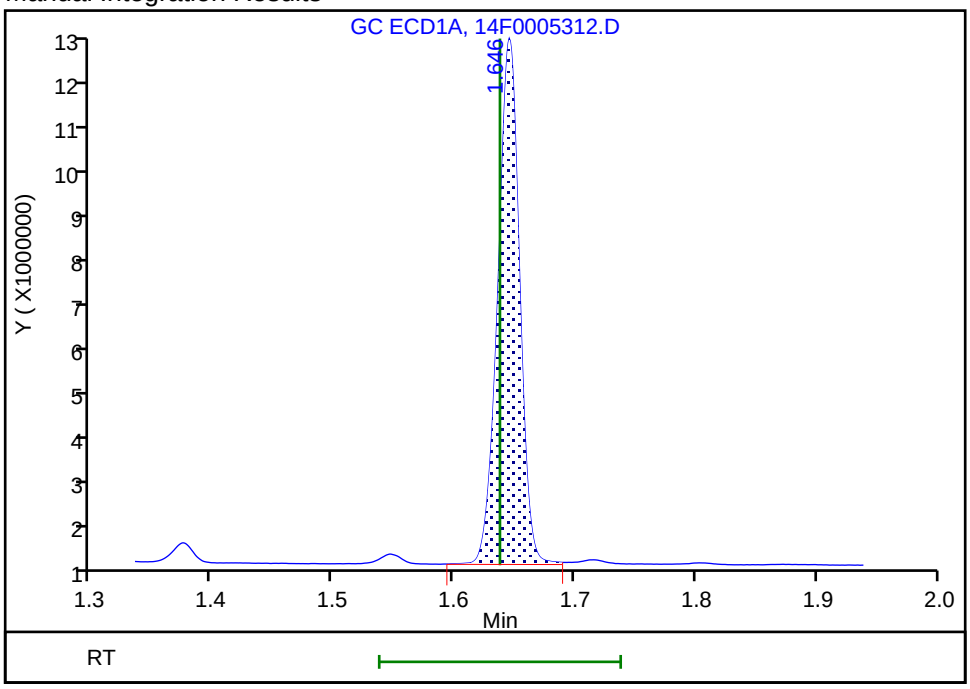
Processing Integration Results

RT: 1.65
Area: 7282173
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 14156186
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:18

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-02_0-2_20200825 Lab Sample ID: 460-216817-2

Matrix: Solid Lab File ID: 14F0005312.D

Analysis Method: 8082A Date Collected: 08/25/2020 09:25

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 12:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0092	U	0.069	0.0092
11104-28-2	Aroclor 1221	0.0092	U	0.069	0.0092
11141-16-5	Aroclor 1232	0.0092	U	0.069	0.0092
53469-21-9	Aroclor 1242	0.0092	U	0.069	0.0092
12672-29-6	Aroclor 1248	0.0092	U	0.069	0.0092
11097-69-1	Aroclor 1254	0.0095	U	0.069	0.0095
11096-82-5	Aroclor 1260	0.0095	U	0.069	0.0095
37324-23-5	Aroclor-1262	0.0095	U	0.069	0.0095
11100-14-4	Aroclor 1268	0.0095	U	0.069	0.0095
1336-36-3	Polychlorinated biphenyls, Total	0.0095	U	0.069	0.0095

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		10-150
877-09-8	Tetrachloro-m-xylene	113		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D
Lims ID: 460-216817-E-2-A
Client ID: SB-02_0-2_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 12:34:58 ALS Bottle#: 47 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-030
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.638	0.008	14156186	20.0	M
2	1.396	1.390	0.006	19707484	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.610	2.600	0.010	41025783	53.2	
2	2.062	2.056	0.006	54160531	56.6	
					RPD = 6.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.986	10.943	0.043	25358020	55.0	a
2	9.867	9.858	0.009	39358811	56.7	a
					RPD = 3.07	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

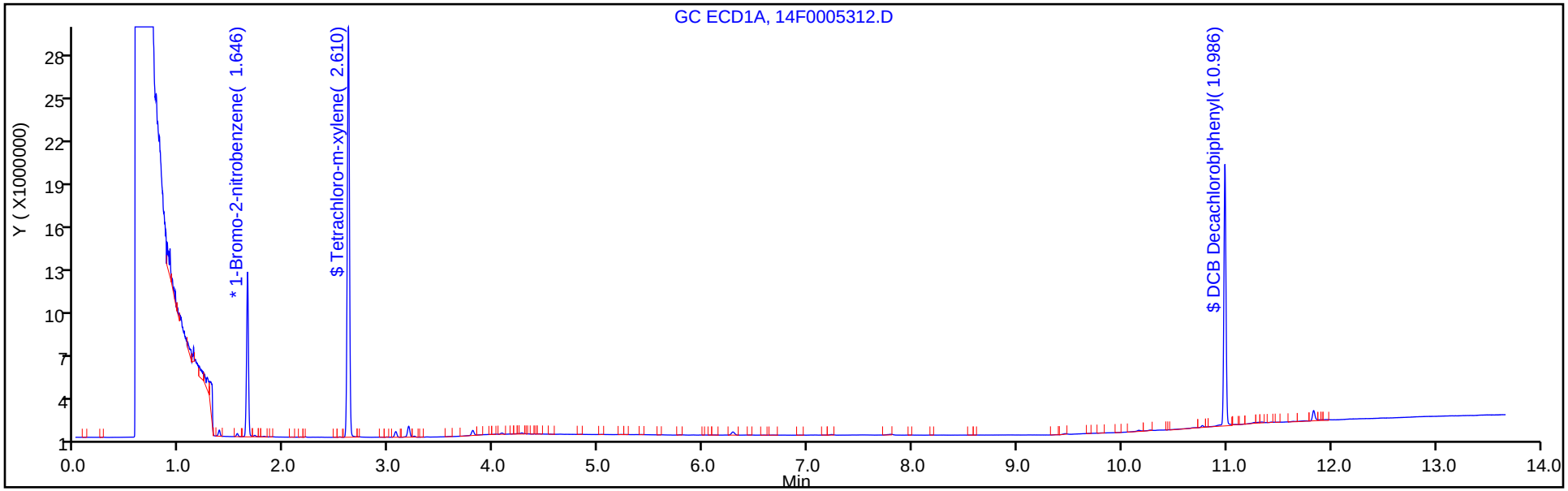
Report Date: 31-Aug-2020 10:46:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

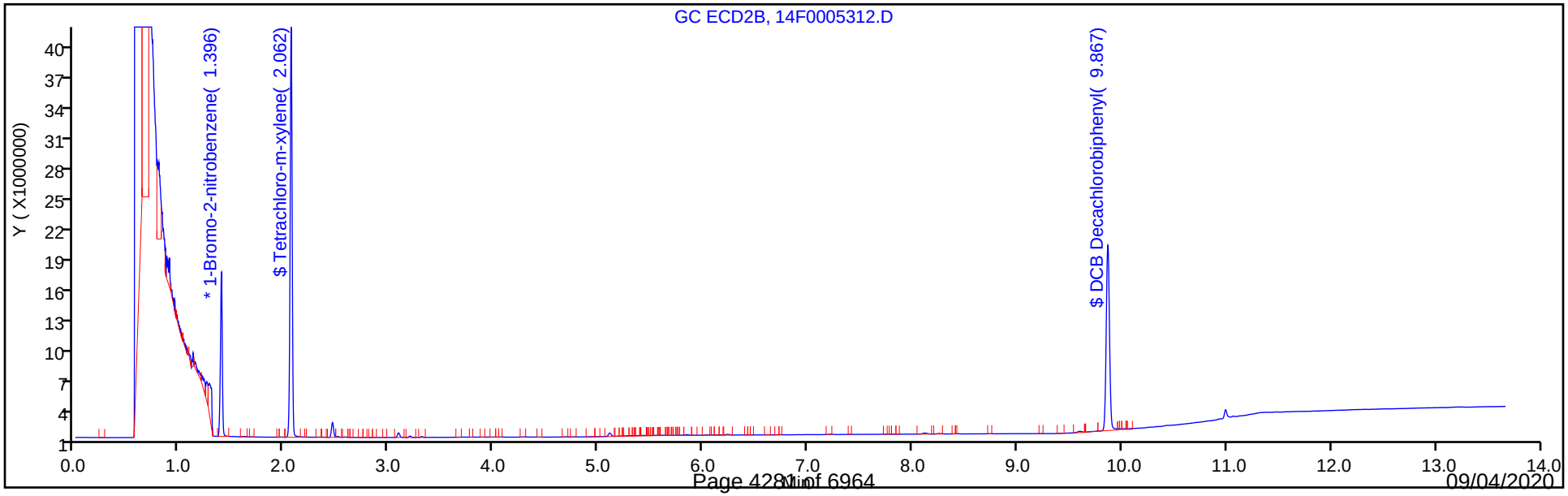
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D

Injection Date:	28-Aug-2020 12:34:58	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-2-A	Lab Sample ID:	460-216817-2	Worklist Smp#:	30
Client ID:	SB-02_0-2_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	47
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

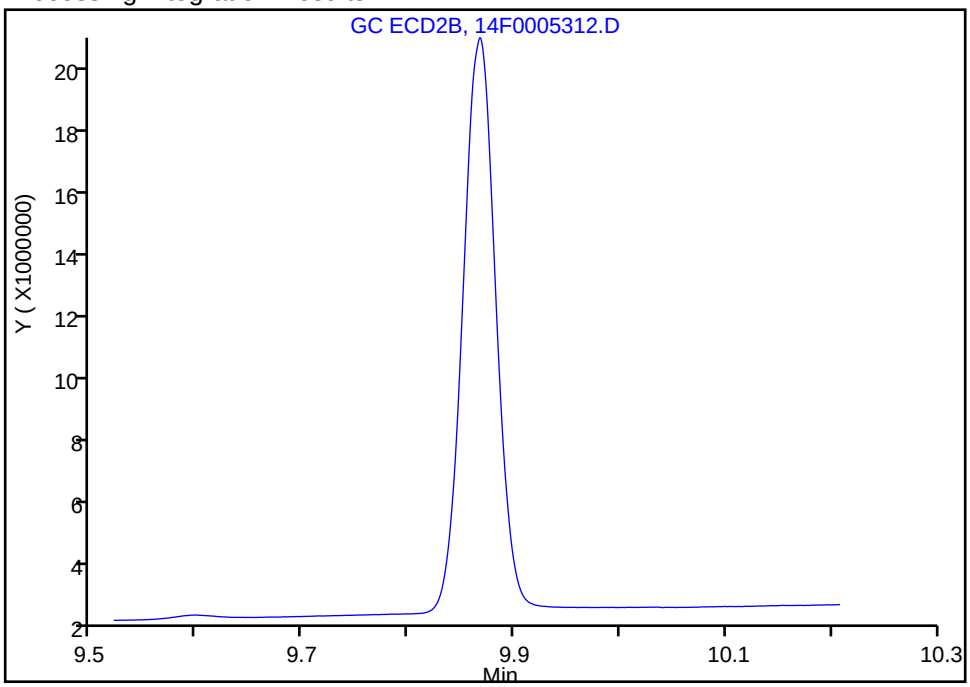
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005312.D				
Injection Date:	28-Aug-2020 12:34:58	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-2-A	Lab Sample ID:	460-216817-2		
Client ID:	SB-02_0-2_20200825				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

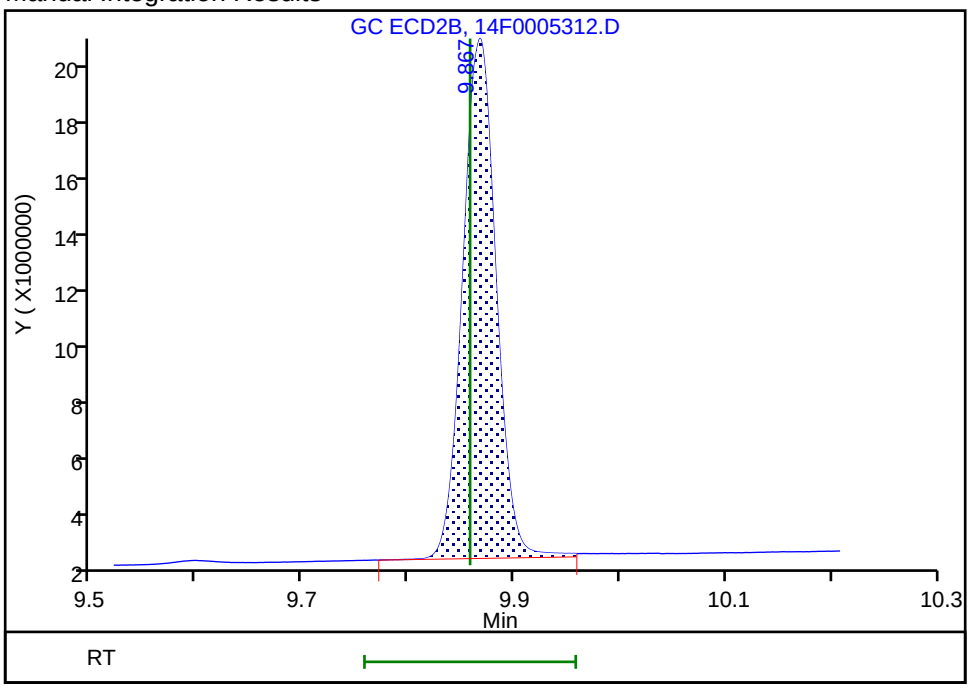
Not Detected
Expected RT: 9.86

Processing Integration Results



Manual Integration Results

RT: 9.87
Area: 39358811
Amount: 56.737700
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:08
Audit Action: Assigned Compound ID Audit Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: 14F0005313.D

Analysis Method: 8082A Date Collected: 08/25/2020 10:00

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 12:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142		10-150
877-09-8	Tetrachloro-m-xylene	111		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D
Lims ID: 460-216817-E-3-A
Client ID: SB-01_1-3_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 12:51:35 ALS Bottle#: 48 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-031
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.638	0.008	14432023	20.0	M
2	1.397	1.390	0.007	20189929	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						M
1	2.609	2.600	0.009	43546186	55.4	
2	2.063	2.056	0.007	57721918	58.8	M
					RPD = 6.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.993	10.943	0.050	33331597	70.9	a
2	9.866	9.858	0.008	48540371	68.3	
					RPD = 3.79	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

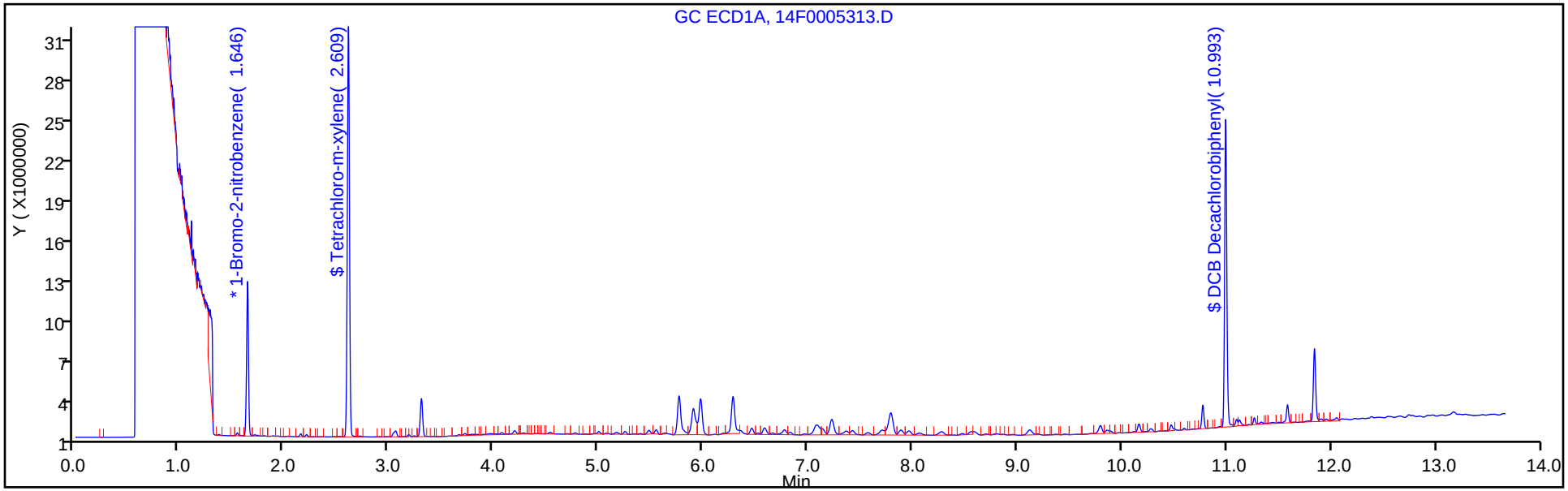
Report Date: 31-Aug-2020 10:46:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

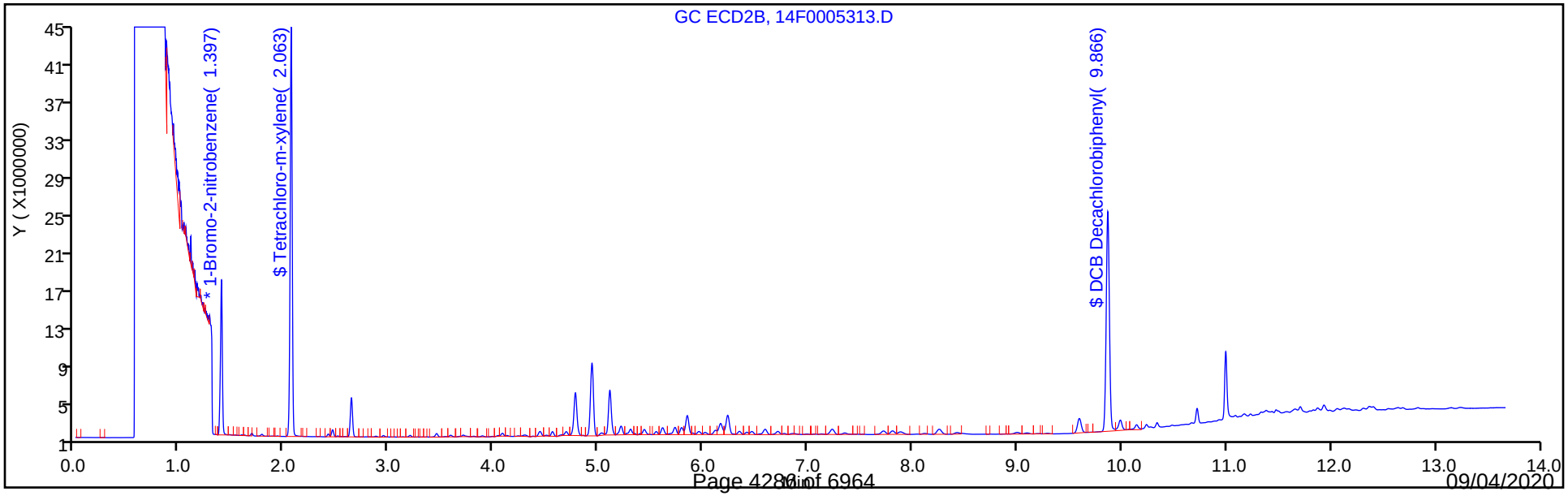
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D

Injection Date:	28-Aug-2020 12:51:35	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-3-A	Lab Sample ID:	460-216817-3	Worklist Smp#:	31
Client ID:	SB-01_1-3_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins TestAmerica, Edison

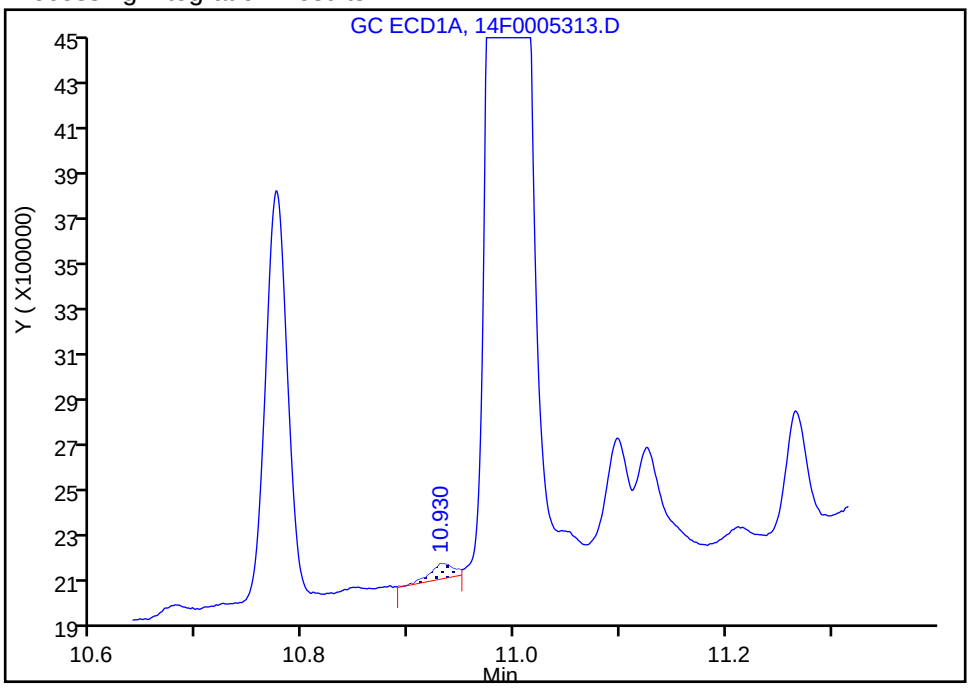
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D				
Injection Date:	28-Aug-2020 12:51:35	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-3-A	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

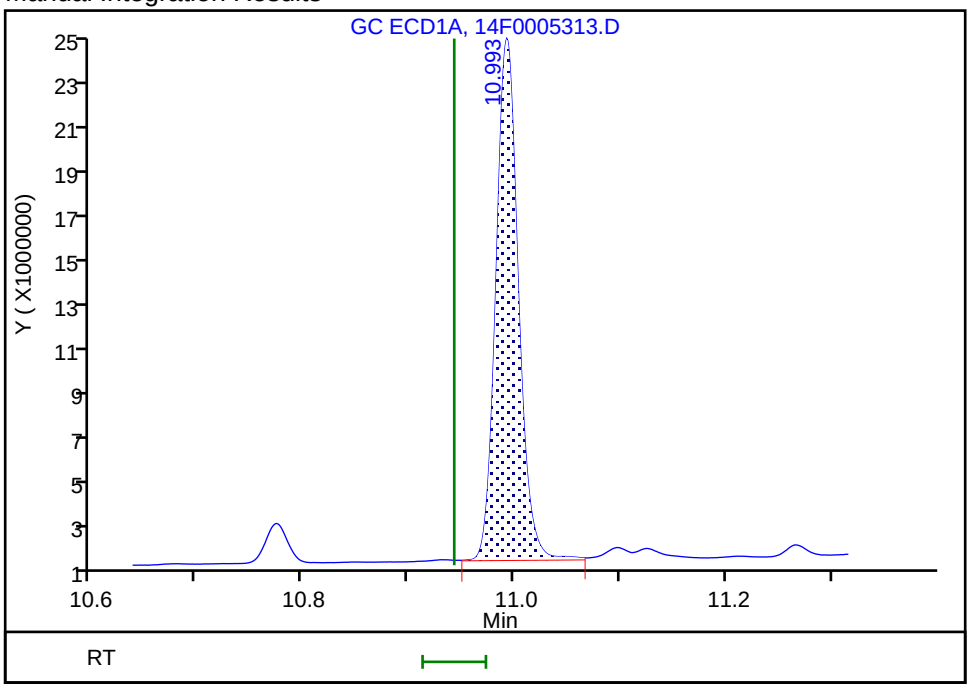
Processing Integration Results

RT: 10.93
Area: 98985
Amount: 0.409798
Amount Units: ug/l



Manual Integration Results

RT: 10.99
Area: 33331597
Amount: 70.937854
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:26
Audit Action: Assigned Compound ID Audit Reason:

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

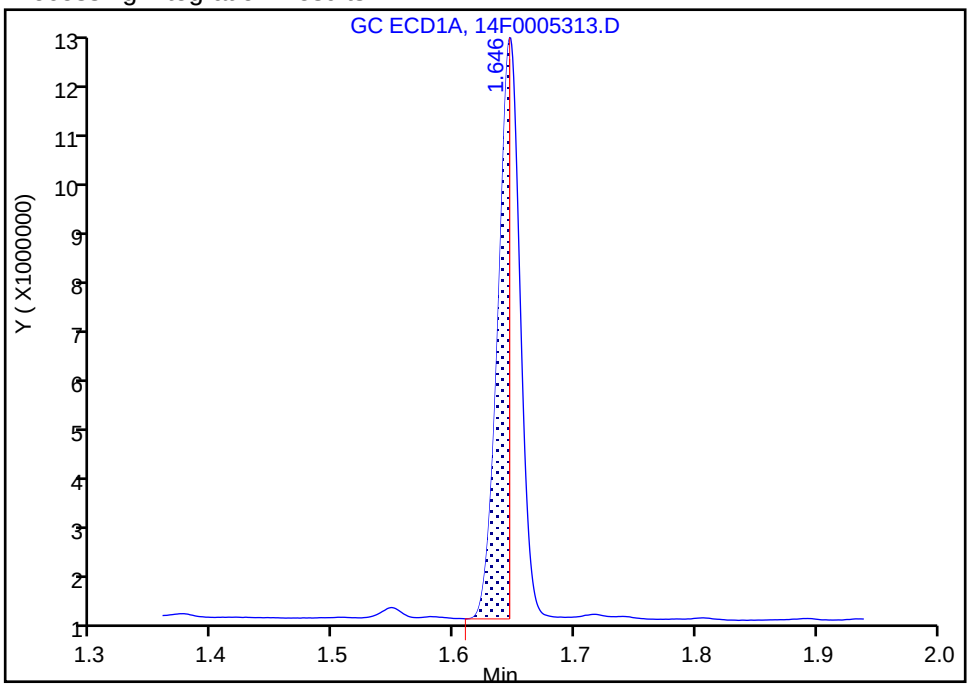
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D				
Injection Date:	28-Aug-2020 12:51:35	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-3-A	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

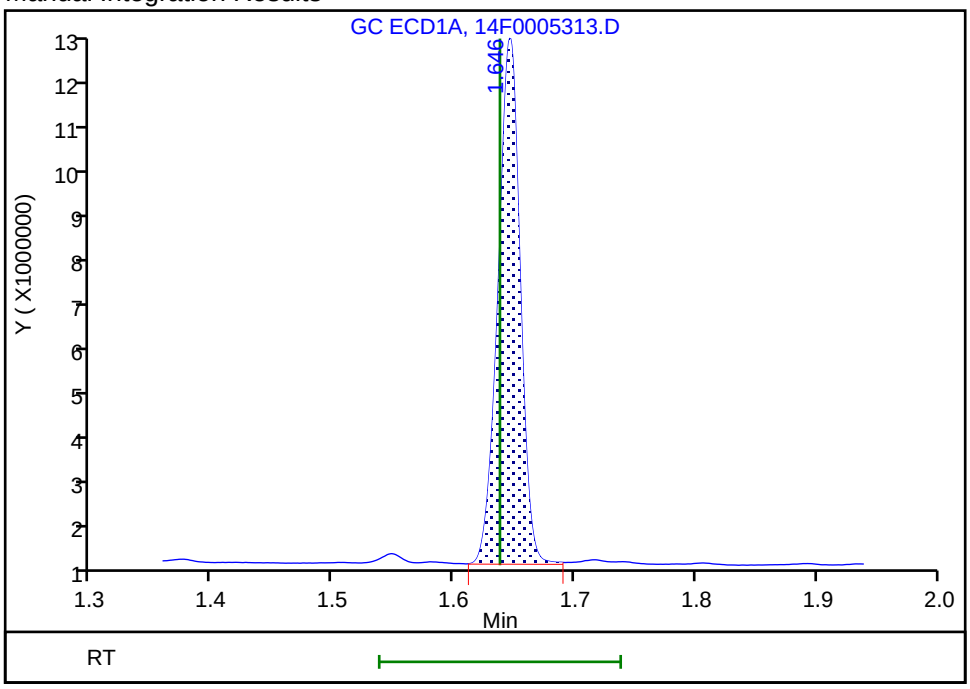
Processing Integration Results

RT: 1.65
Area: 7419059
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 14432023
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:31

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-01_1-3_20200825 Lab Sample ID: 460-216817-3

Matrix: Solid Lab File ID: 14F0005313.D

Analysis Method: 8082A Date Collected: 08/25/2020 10:00

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 12:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.010	U	0.078	0.010
11104-28-2	Aroclor 1221	0.010	U	0.078	0.010
11141-16-5	Aroclor 1232	0.010	U	0.078	0.010
53469-21-9	Aroclor 1242	0.010	U	0.078	0.010
12672-29-6	Aroclor 1248	0.010	U	0.078	0.010
11097-69-1	Aroclor 1254	0.011	U	0.078	0.011
11096-82-5	Aroclor 1260	0.011	U	0.078	0.011
37324-23-5	Aroclor-1262	0.011	U	0.078	0.011
11100-14-4	Aroclor 1268	0.011	U	0.078	0.011
1336-36-3	Polychlorinated biphenyls, Total	0.011	U	0.078	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	137		10-150
877-09-8	Tetrachloro-m-xylene	118		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D
Lims ID: 460-216817-E-3-A
Client ID: SB-01_1-3_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 12:51:35 ALS Bottle#: 48 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-031
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.638	0.008	14432023	20.0	M
2	1.397	1.390	0.007	20189929	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						M
1	2.609	2.600	0.009	43546186	55.4	
2	2.063	2.056	0.007	57721918	58.8	M
					RPD = 6.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.993	10.943	0.050	33331597	70.9	a
2	9.866	9.858	0.008	48540371	68.3	
					RPD = 3.79	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

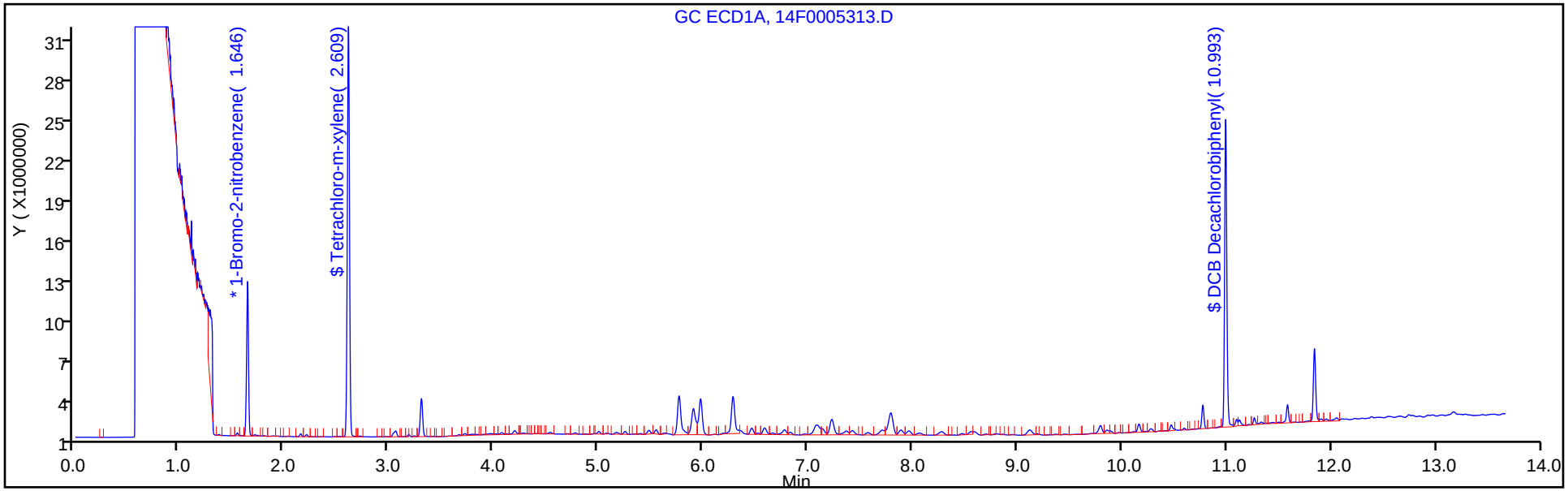
Report Date: 31-Aug-2020 10:46:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

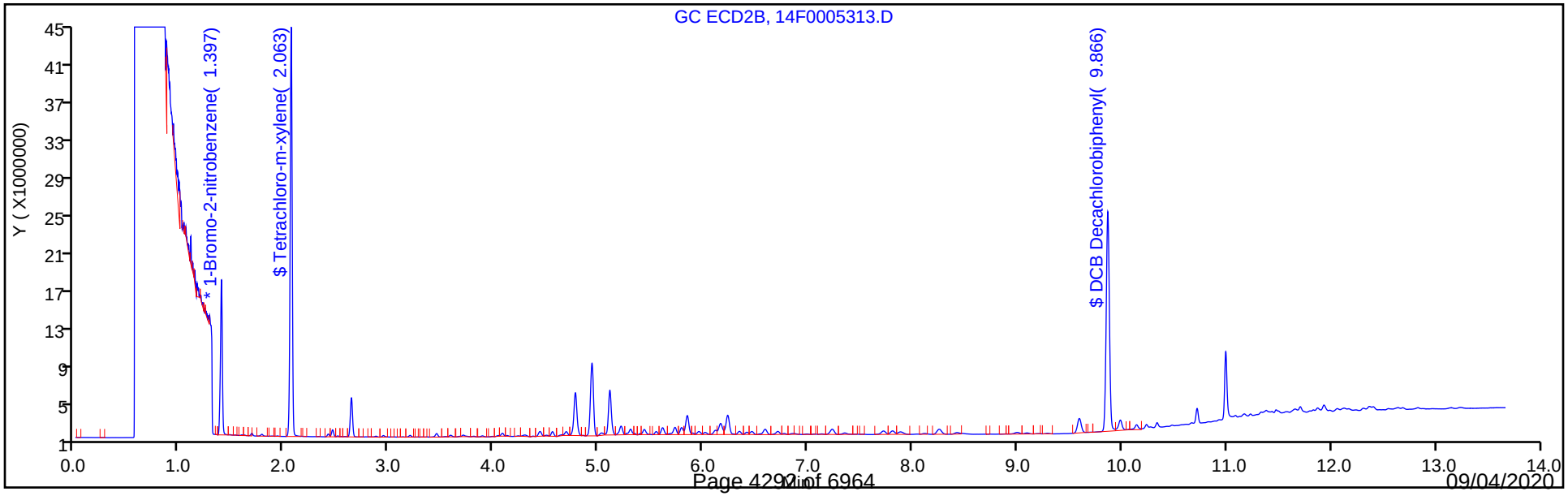
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D

Injection Date:	28-Aug-2020 12:51:35	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-3-A	Lab Sample ID:	460-216817-3	Worklist Smp#:	31
Client ID:	SB-01_1-3_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

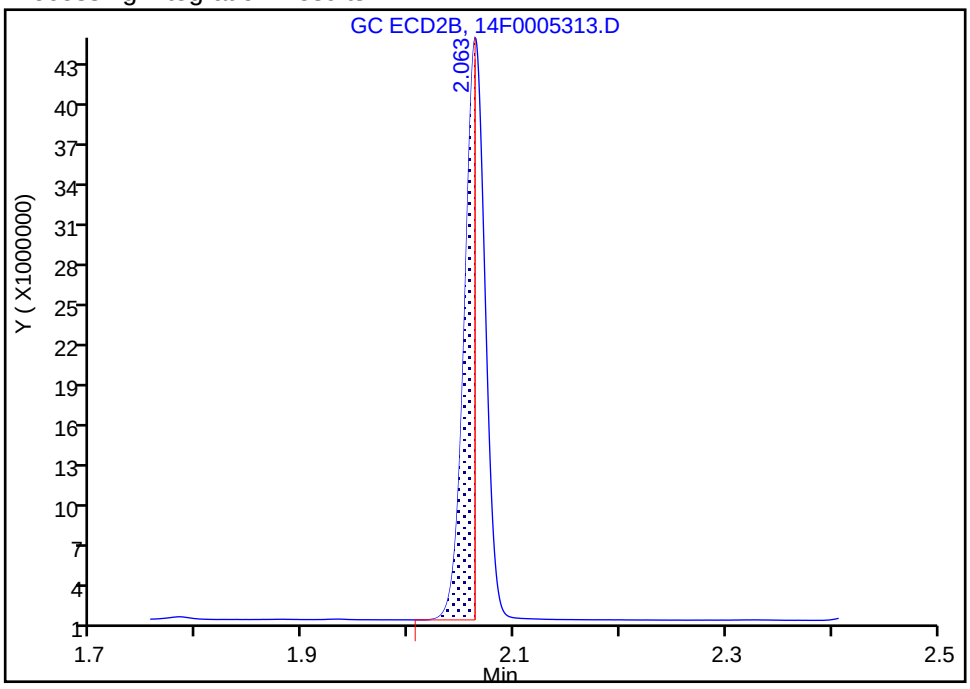
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005313.D				
Injection Date:	28-Aug-2020 12:51:35	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-3-A	Lab Sample ID:	460-216817-3		
Client ID:	SB-01_1-3_20200825				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

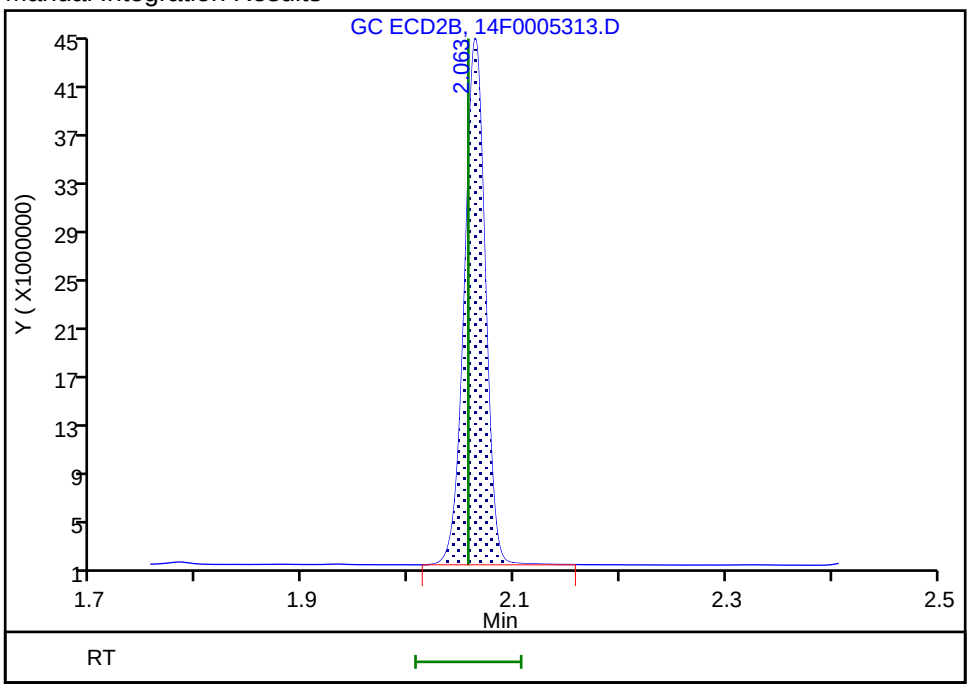
Processing Integration Results

RT: 2.06
Area: 29027388
Amount: 29.587731
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 57721918
Amount: 58.836178
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:35

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: 14F0005314.D

Analysis Method: 8082A Date Collected: 08/25/2020 11:50

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 13:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		10-150
877-09-8	Tetrachloro-m-xylene	120		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005314.D
Lims ID: 460-216817-E-4-A
Client ID: SB-09_1-3_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 13:08:12 ALS Bottle#: 49 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-032
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.646	1.638	0.008	14138972	20.0	
2	1.396	1.390	0.006	19760153	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.610	2.600	0.010	46188950	60.0	
2	2.063	2.056	0.007	60683517	63.2	
					RPD = 5.27	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.989	10.943	0.046	28889297	62.8	
2	9.867	9.858	0.009	44581493	64.1	
					RPD = 2.11	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

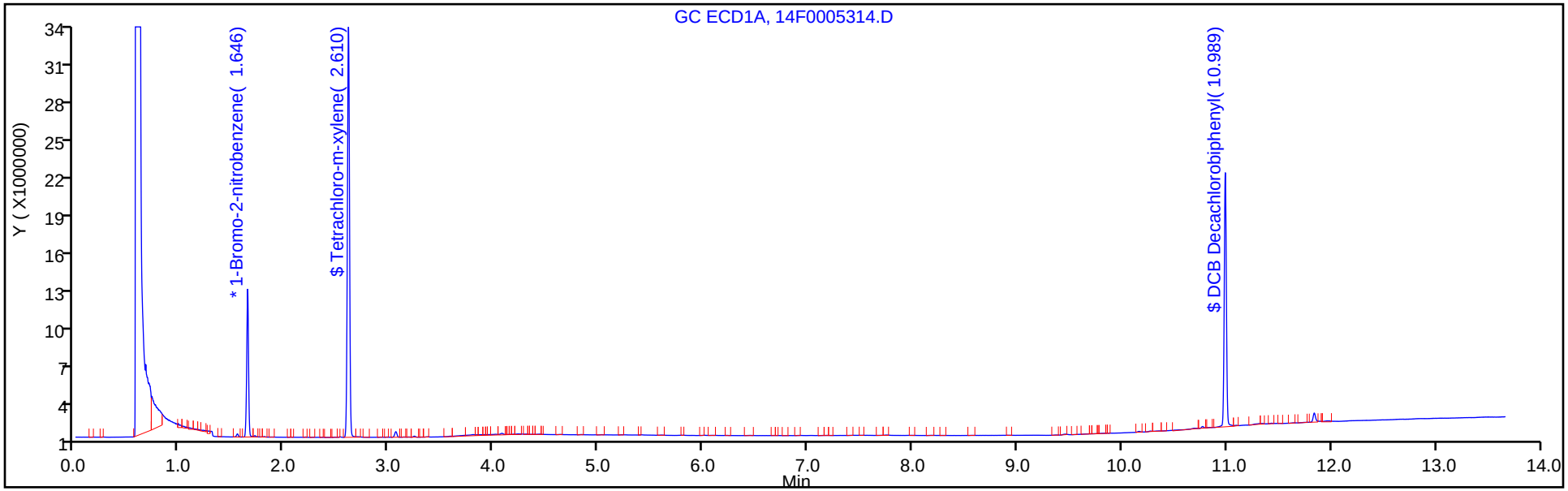
Report Date: 31-Aug-2020 10:46:30 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

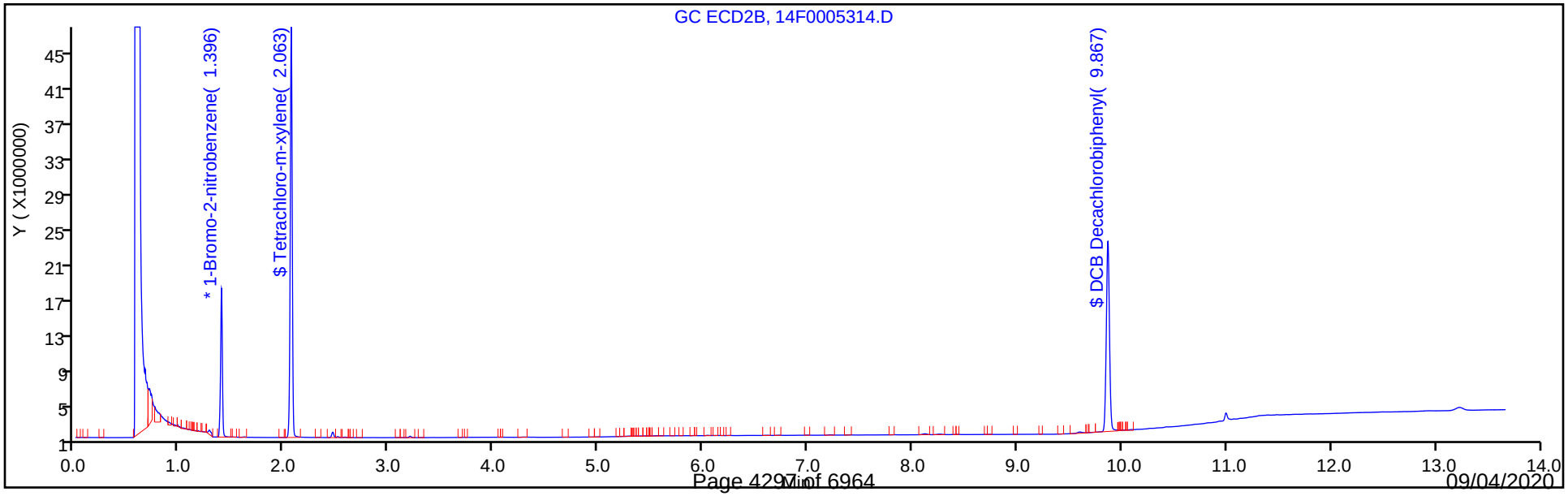
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005314.D

Injection Date:	28-Aug-2020 13:08:12	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-4-A	Lab Sample ID:	460-216817-4	Worklist Smp#:	32
Client ID:	SB-09_1-3_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	49
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-09_1-3_20200825 Lab Sample ID: 460-216817-4

Matrix: Solid Lab File ID: 14F0005314.D

Analysis Method: 8082A Date Collected: 08/25/2020 11:50

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 13:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0094	U	0.071	0.0094
11104-28-2	Aroclor 1221	0.0094	U	0.071	0.0094
11141-16-5	Aroclor 1232	0.0094	U	0.071	0.0094
53469-21-9	Aroclor 1242	0.0094	U	0.071	0.0094
12672-29-6	Aroclor 1248	0.0094	U	0.071	0.0094
11097-69-1	Aroclor 1254	0.0097	U	0.071	0.0097
11096-82-5	Aroclor 1260	0.0097	U	0.071	0.0097
37324-23-5	Aroclor-1262	0.0097	U	0.071	0.0097
11100-14-4	Aroclor 1268	0.0097	U	0.071	0.0097
1336-36-3	Polychlorinated biphenyls, Total	0.0097	U	0.071	0.0097

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		10-150
877-09-8	Tetrachloro-m-xylene	126		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005314.D
Lims ID: 460-216817-E-4-A
Client ID: SB-09_1-3_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 13:08:12 ALS Bottle#: 49 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-032
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.646	1.638	0.008	14138972	20.0	
2	1.396	1.390	0.006	19760153	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.610	2.600	0.010	46188950	60.0	
2	2.063	2.056	0.007	60683517	63.2	
					RPD = 5.27	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.989	10.943	0.046	28889297	62.8	
2	9.867	9.858	0.009	44581493	64.1	
					RPD = 2.11	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

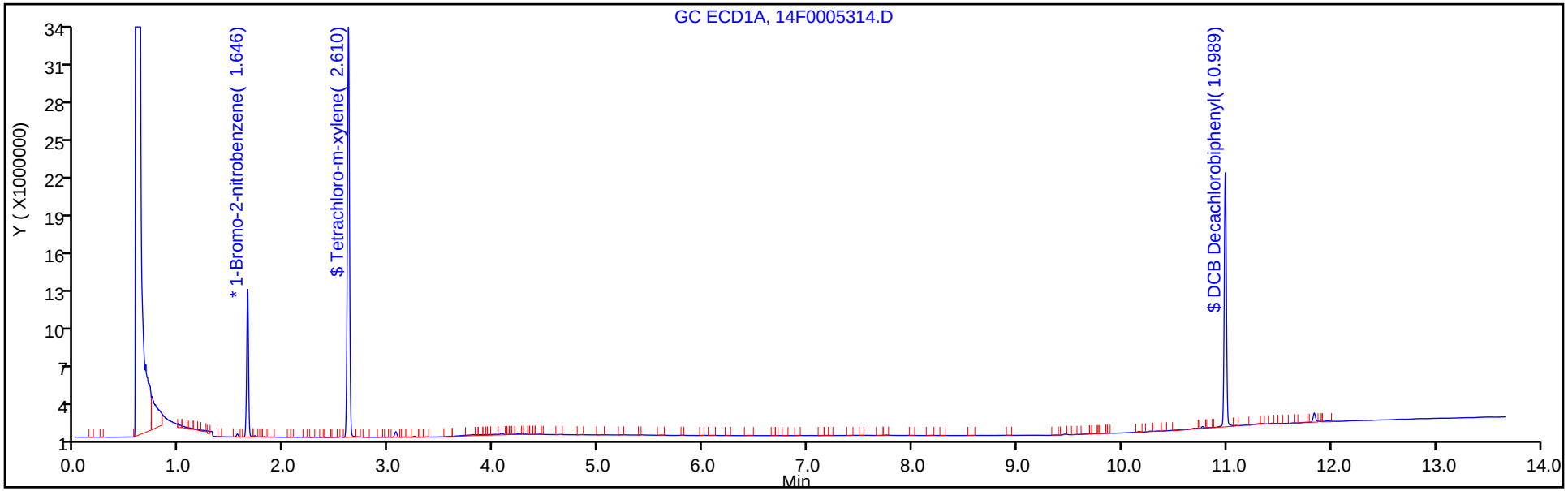
Report Date: 31-Aug-2020 10:46:31 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

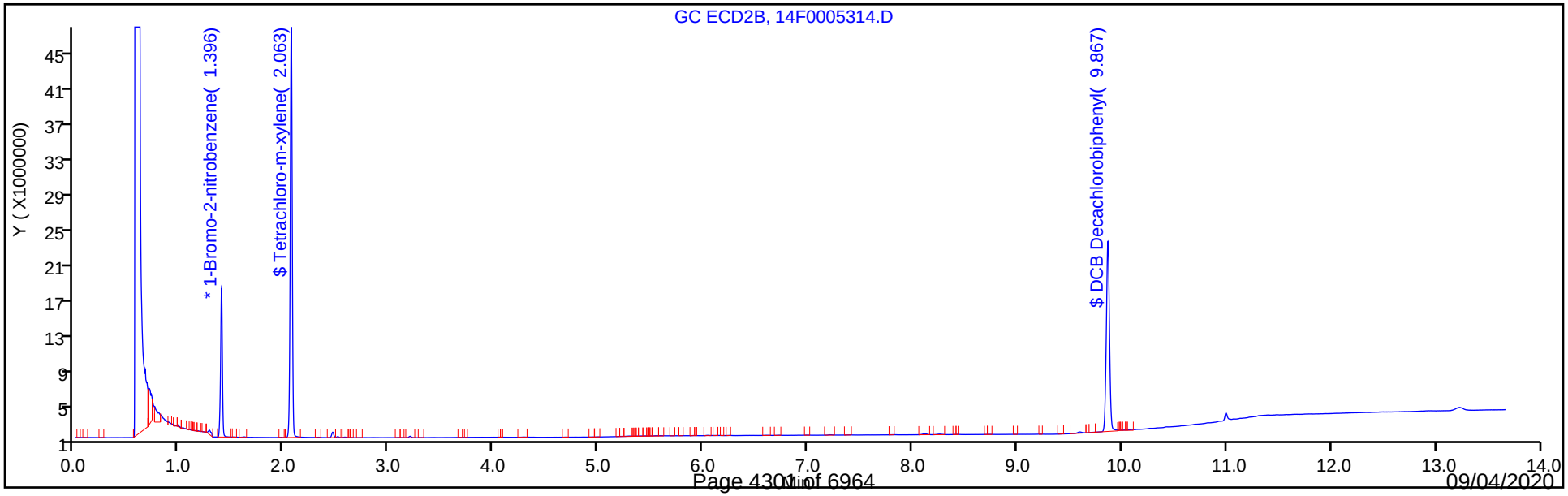
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005314.D

Injection Date:	28-Aug-2020 13:08:12	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-4-A	Lab Sample ID:	460-216817-4	Worklist Smp#:	32
Client ID:	SB-09_1-3_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	49
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: 14F0005315.D

Analysis Method: 8082A Date Collected: 08/25/2020 13:10

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 13:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		10-150
877-09-8	Tetrachloro-m-xylene	113		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005315.D
Lims ID: 460-216817-E-5-A
Client ID: SB-03_0-2_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 13:24:59 ALS Bottle#: 50 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-033
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.638	0.005	14992876	20.0	
2	1.394	1.390	0.004	20835449	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.600	0.007	46036239	56.4	
2	2.061	2.056	0.005	60339048	59.6	
					RPD = 5.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.984	10.943	0.041	28513768	58.4	a
2	9.867	9.858	0.009	44431933	60.6	
					RPD = 3.65	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

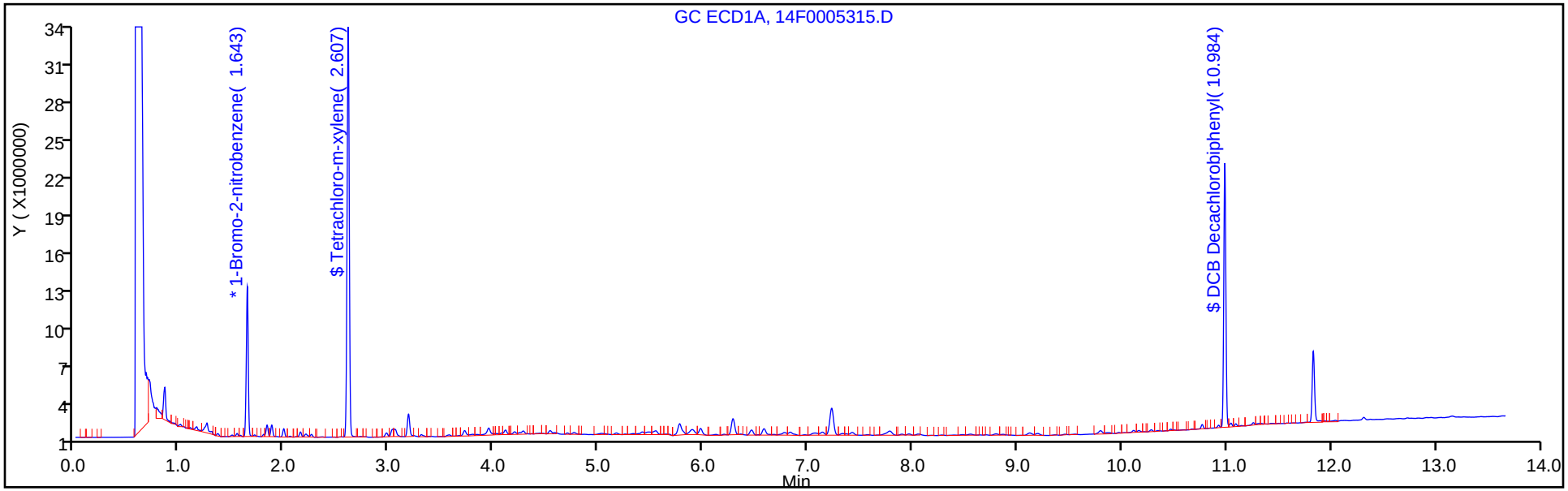
Report Date: 31-Aug-2020 10:46:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

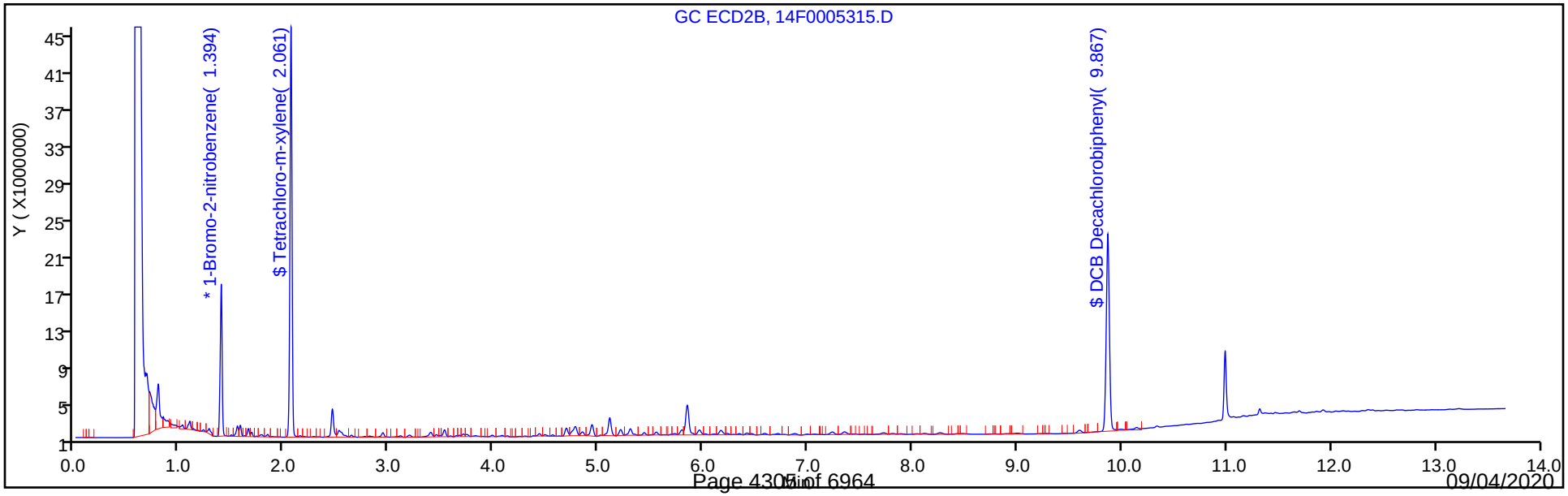
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005315.D

Injection Date:	28-Aug-2020 13:24:59	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-5-A	Lab Sample ID:	460-216817-5	Worklist Smp#:	33
Client ID:	SB-03_0-2_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	50
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

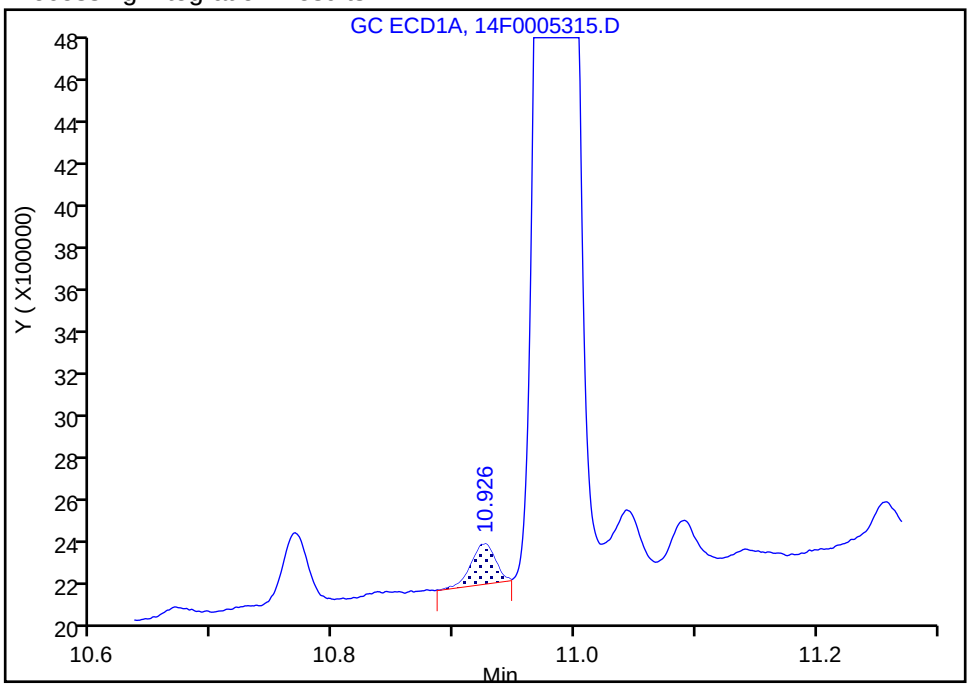
Data File:	\\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005315.D				
Injection Date:	28-Aug-2020 13:24:59	Instrument ID:	CPESTGC14		
Lims ID:	460-216817-E-5-A	Lab Sample ID:	460-216817-5		
Client ID:	SB-03_0-2_20200825				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	33
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

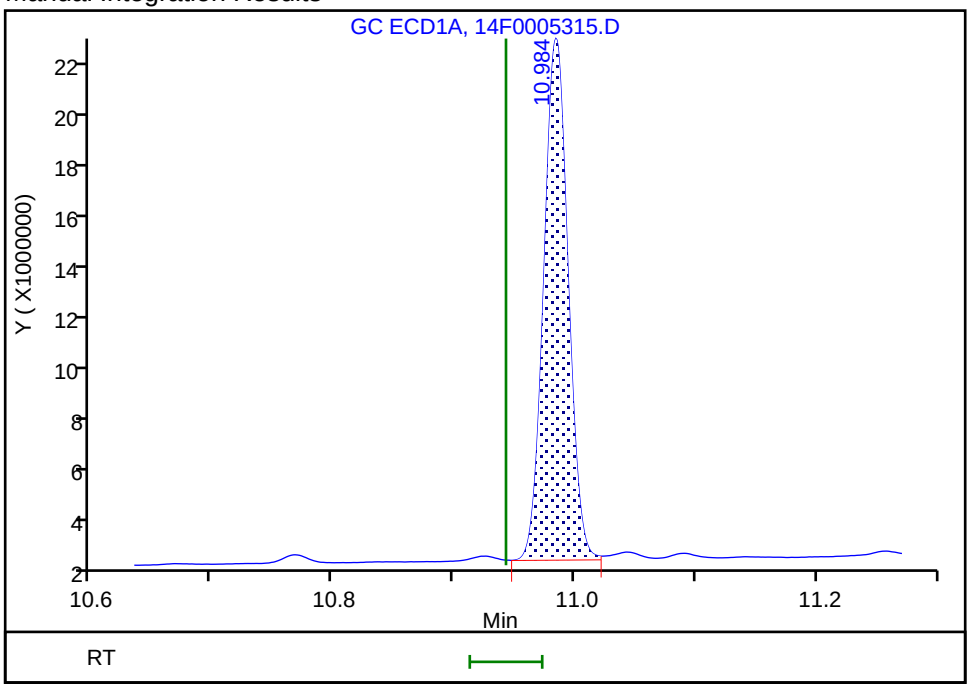
Processing Integration Results

RT: 10.93
Area: 264334
Amount: 0.541523
Amount Units: ug/l



Manual Integration Results

RT: 10.98
Area: 28513768
Amount: 58.414249
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 10:41:57
Audit Action: Assigned Compound ID Audit Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-03_0-2_20200825 Lab Sample ID: 460-216817-5

Matrix: Solid Lab File ID: 14F0005315.D

Analysis Method: 8082A Date Collected: 08/25/2020 13:10

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 13:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.010	U	0.075	0.010
11104-28-2	Aroclor 1221	0.010	U	0.075	0.010
11141-16-5	Aroclor 1232	0.010	U	0.075	0.010
53469-21-9	Aroclor 1242	0.010	U	0.075	0.010
12672-29-6	Aroclor 1248	0.010	U	0.075	0.010
11097-69-1	Aroclor 1254	0.010	U	0.075	0.010
11096-82-5	Aroclor 1260	0.010	U	0.075	0.010
37324-23-5	Aroclor-1262	0.010	U	0.075	0.010
11100-14-4	Aroclor 1268	0.010	U	0.075	0.010
1336-36-3	Polychlorinated biphenyls, Total	0.010	U	0.075	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		10-150
877-09-8	Tetrachloro-m-xylene	119		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005315.D
Lims ID: 460-216817-E-5-A
Client ID: SB-03_0-2_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 13:24:59 ALS Bottle#: 50 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-033
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:41:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.638	0.005	14992876	20.0	
2	1.394	1.390	0.004	20835449	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.600	0.007	46036239	56.4	
2	2.061	2.056	0.005	60339048	59.6	
					RPD = 5.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.984	10.943	0.041	28513768	58.4	a
2	9.867	9.858	0.009	44431933	60.6	
					RPD = 3.65	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

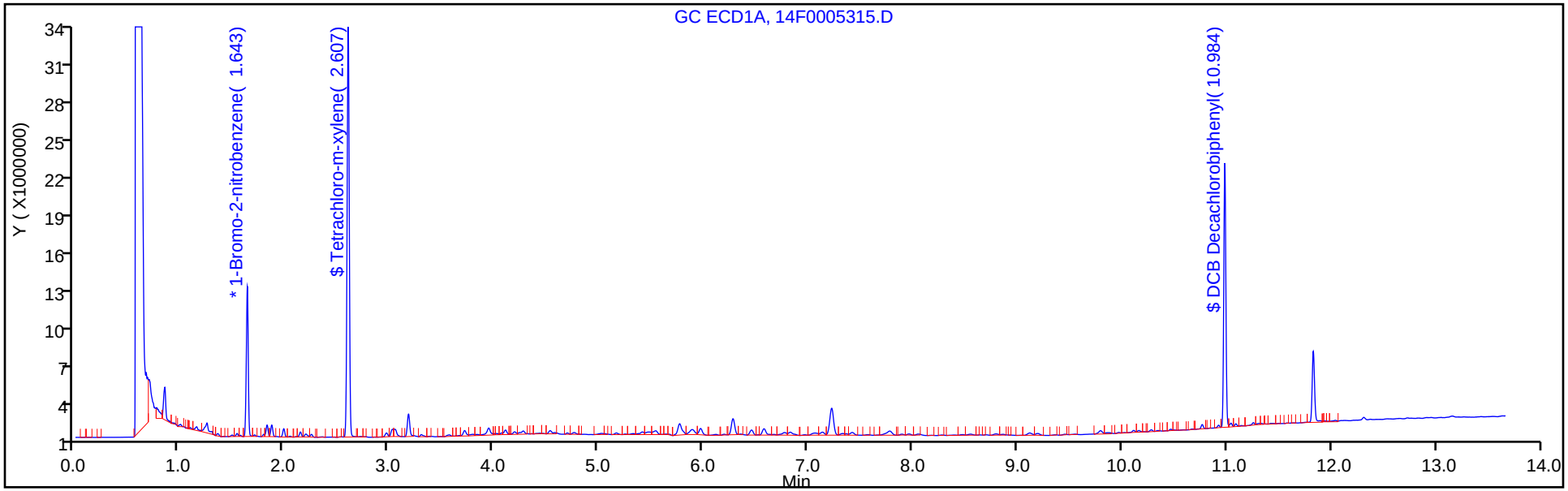
Report Date: 31-Aug-2020 10:46:33 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

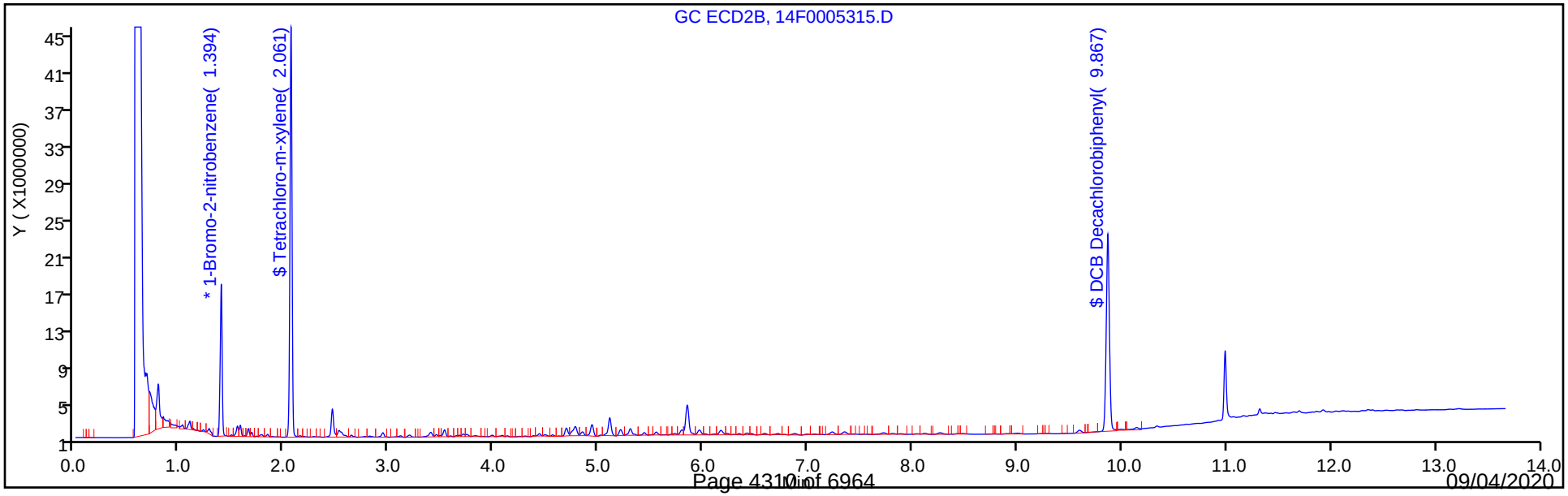
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005315.D

Injection Date:	28-Aug-2020 13:24:59	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-5-A	Lab Sample ID:	460-216817-5	Worklist Smp#:	33
Client ID:	SB-03_0-2_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	50
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: 14F0005316.D

Analysis Method: 8082A Date Collected: 08/25/2020 13:55

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 13:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		10-150
877-09-8	Tetrachloro-m-xylene	121		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005316.D
Lims ID: 460-216817-E-6-A
Client ID: SB-08_2-4_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 13:41:39 ALS Bottle#: 51 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-034
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:42:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.645	1.638	0.007	14996108	20.0	
2	1.395	1.390	0.005	20973050	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.609	2.600	0.009	49377753	60.4	
2	2.062	2.056	0.006	64898641	63.7	
					RPD = 5.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.977	10.943	0.034	30946834	63.4	
2	9.865	9.858	0.007	48169939	65.2	
					RPD = 2.90	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

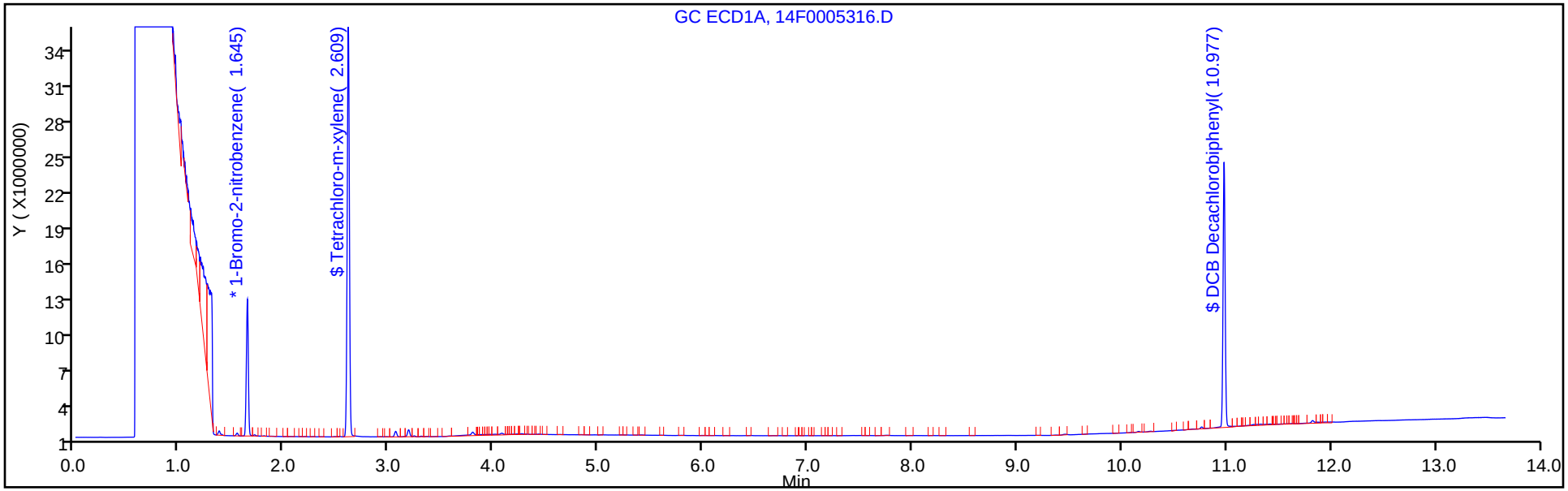
Report Date: 31-Aug-2020 10:46:35 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

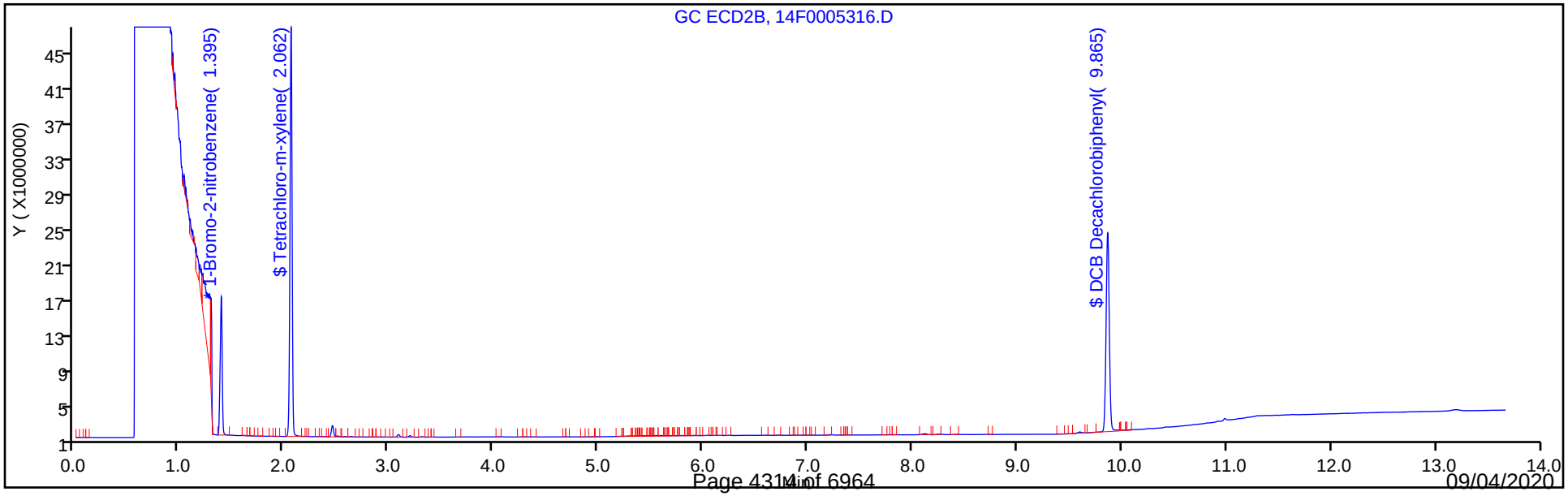
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005316.D

Injection Date:	28-Aug-2020 13:41:39	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-6-A	Lab Sample ID:	460-216817-6	Worklist Smp#:	34
Client ID:	SB-08_2-4_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	51
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-08_2-4_20200825 Lab Sample ID: 460-216817-6

Matrix: Solid Lab File ID: 14F0005316.D

Analysis Method: 8082A Date Collected: 08/25/2020 13:55

Extraction Method: 3546 Date Extracted: 08/27/2020 09:25

Sample wt/vol: 15.00(g) Date Analyzed: 08/28/2020 13:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0090	U	0.068	0.0090
11104-28-2	Aroclor 1221	0.0090	U	0.068	0.0090
11141-16-5	Aroclor 1232	0.0090	U	0.068	0.0090
53469-21-9	Aroclor 1242	0.0090	U	0.068	0.0090
12672-29-6	Aroclor 1248	0.0090	U	0.068	0.0090
11097-69-1	Aroclor 1254	0.0093	U	0.068	0.0093
11096-82-5	Aroclor 1260	0.0093	U	0.068	0.0093
37324-23-5	Aroclor-1262	0.0093	U	0.068	0.0093
11100-14-4	Aroclor 1268	0.0093	U	0.068	0.0093
1336-36-3	Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		10-150
877-09-8	Tetrachloro-m-xylene	127		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005316.D
Lims ID: 460-216817-E-6-A
Client ID: SB-08_2-4_20200825
Sample Type: Client
Inject. Date: 28-Aug-2020 13:41:39 ALS Bottle#: 51 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115897-034
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 10:43:15 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 10:42:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.645	1.638	0.007	14996108	20.0	
2	1.395	1.390	0.005	20973050	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.609	2.600	0.009	49377753	60.4	
2	2.062	2.056	0.006	64898641	63.7	
					RPD = 5.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.977	10.943	0.034	30946834	63.4	
2	9.865	9.858	0.007	48169939	65.2	
					RPD = 2.90	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

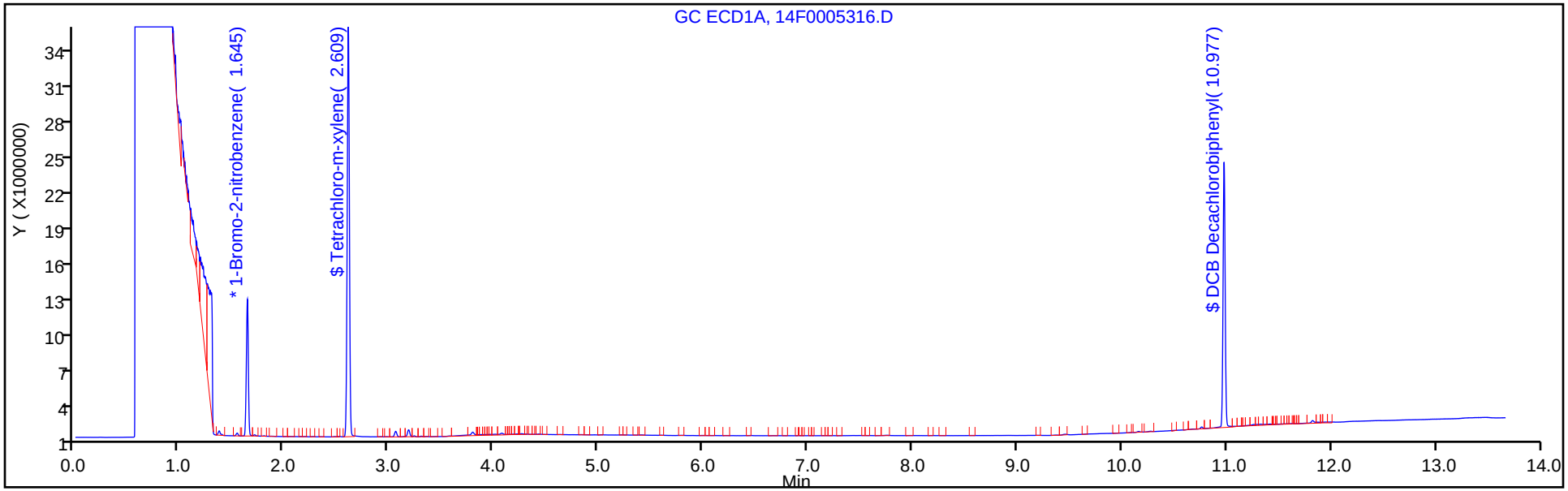
Report Date: 31-Aug-2020 10:46:35 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

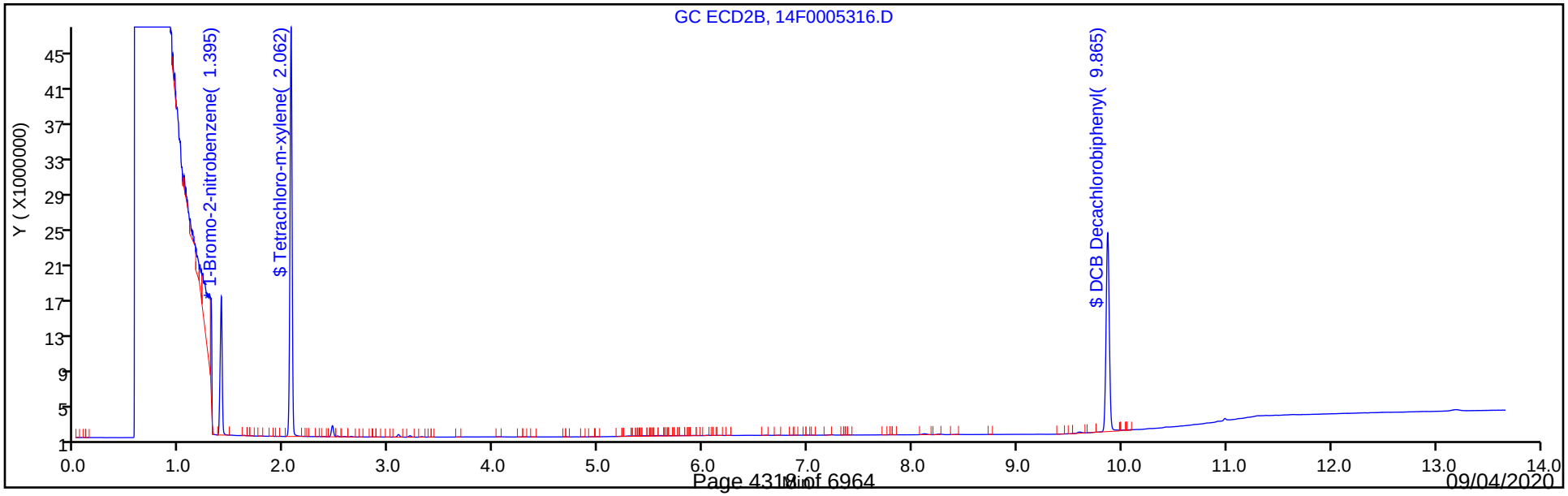
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200828-115897.b\14F0005316.D

Injection Date:	28-Aug-2020 13:41:39	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-216817-E-6-A	Lab Sample ID:	460-216817-6	Worklist Smp#:	34
Client ID:	SB-08_2-4_20200825				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	51
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: 13F0005292.D

Analysis Method: 8082A Date Collected: 08/26/2020 08:45

Extraction Method: 3546 Date Extracted: 08/27/2020 18:36

Sample wt/vol: 15.0024(g) Date Analyzed: 08/28/2020 14:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 0.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720198 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150
877-09-8	Tetrachloro-m-xylene	107		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005292.D
Lims ID: 460-216927-E-1-A
Client ID: SB-15_0-2_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 14:16:34 ALS Bottle#: 38 Worklist Smp#: 38
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115896-038
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 11:07:05 Calib Date: 26-Mar-2020 10:36:59
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CPESTGC13\20200326-107669.b\13F0000441.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 11:05:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.535	1.532	0.003	15844810	20.0	
2	1.229	1.228	0.001	14748188	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.445	2.445	0.000	43705318	53.3	
2	1.829	1.829	0.000	38232873	51.5	
					RPD = 3.38	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.904	10.961	-0.057	30699626	52.3	
2	9.372	9.376	-0.004	38176157	49.4	
					RPD = 5.68	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

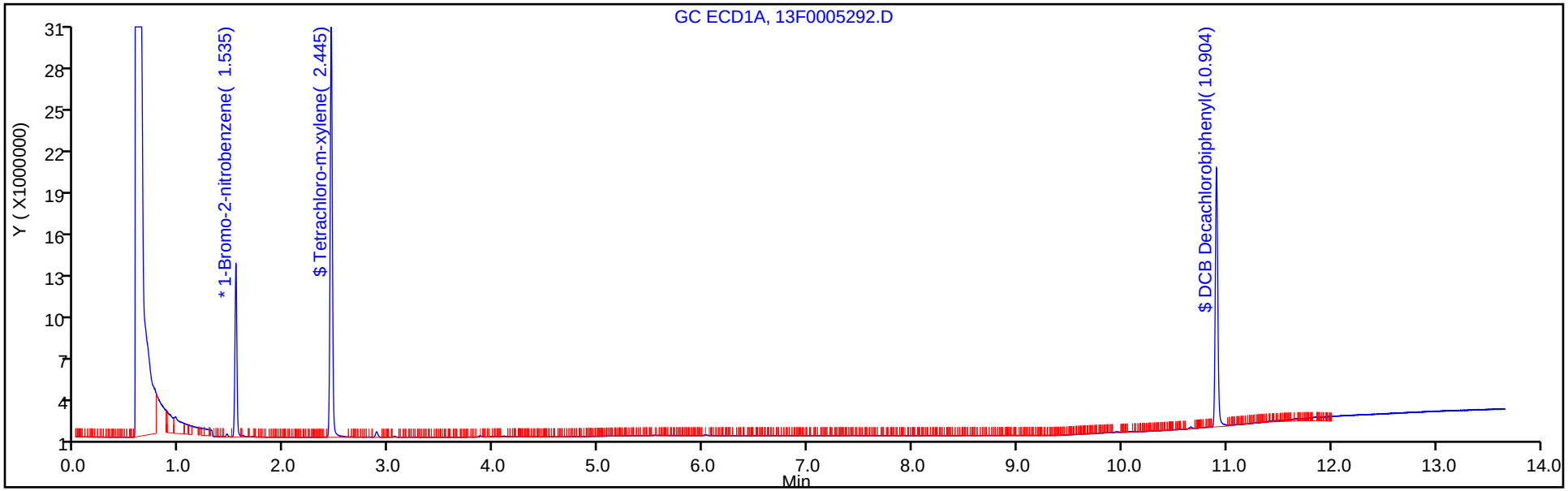
Report Date: 31-Aug-2020 11:10:23 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

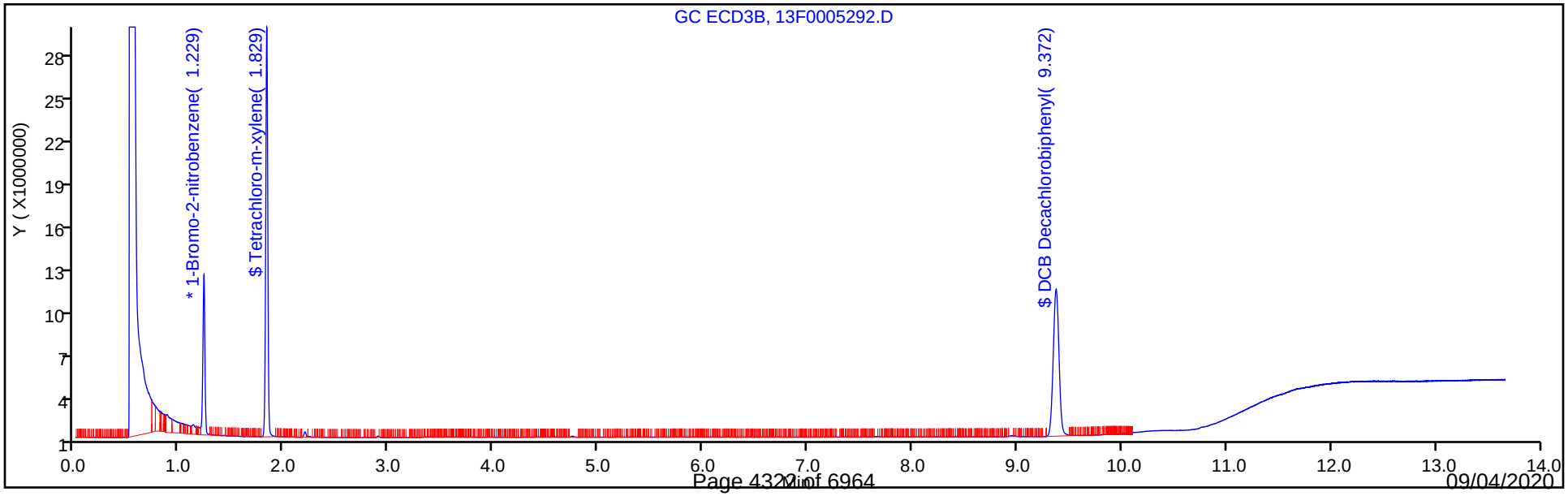
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005292.D

Injection Date:	28-Aug-2020 14:16:34	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-216927-E-1-A	Lab Sample ID:	460-216927-1	Worklist Smp#:	38
Client ID:	SB-15_0-2_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-15_0-2_20200826 Lab Sample ID: 460-216927-1

Matrix: Solid Lab File ID: 13F0005292.D

Analysis Method: 8082A Date Collected: 08/26/2020 08:45

Extraction Method: 3546 Date Extracted: 08/27/2020 18:36

Sample wt/vol: 15.0024(g) Date Analyzed: 08/28/2020 14:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 0.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0090	U	0.068	0.0090
11104-28-2	Aroclor 1221	0.0090	U	0.068	0.0090
11141-16-5	Aroclor 1232	0.0090	U	0.068	0.0090
53469-21-9	Aroclor 1242	0.0090	U	0.068	0.0090
12672-29-6	Aroclor 1248	0.0090	U	0.068	0.0090
11097-69-1	Aroclor 1254	0.0093	U	0.068	0.0093
11096-82-5	Aroclor 1260	0.0093	U	0.068	0.0093
37324-23-5	Aroclor-1262	0.0093	U	0.068	0.0093
11100-14-4	Aroclor 1268	0.0093	U	0.068	0.0093
1336-36-3	Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150
877-09-8	Tetrachloro-m-xylene	103		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005292.D				
Lims ID:	460-216927-E-1-A				
Client ID:	SB-15_0-2_20200826				
Sample Type:	Client				
Inject. Date:	28-Aug-2020 14:16:34	ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0115896-038				
Operator ID:		Instrument ID:	CPESTGC13		
Method:	\\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\8082.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	31-Aug-2020 11:07:05	Calib Date:	26-Mar-2020 10:36:59		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CPESTGC13\20200326-107669.b\13F0000441.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1053				
First Level Reviewer: patelji		Date:	31-Aug-2020 11:05:11		

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.535	1.532	0.003	15844810	20.0	
2	1.229	1.228	0.001	14748188	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.445	2.445	0.000	43705318	53.3	
2	1.829	1.829	0.000	38232873	51.5	
					RPD = 3.38	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.904	10.961	-0.057	30699626	52.3	
2	9.372	9.376	-0.004	38176157	49.4	
					RPD = 5.68	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

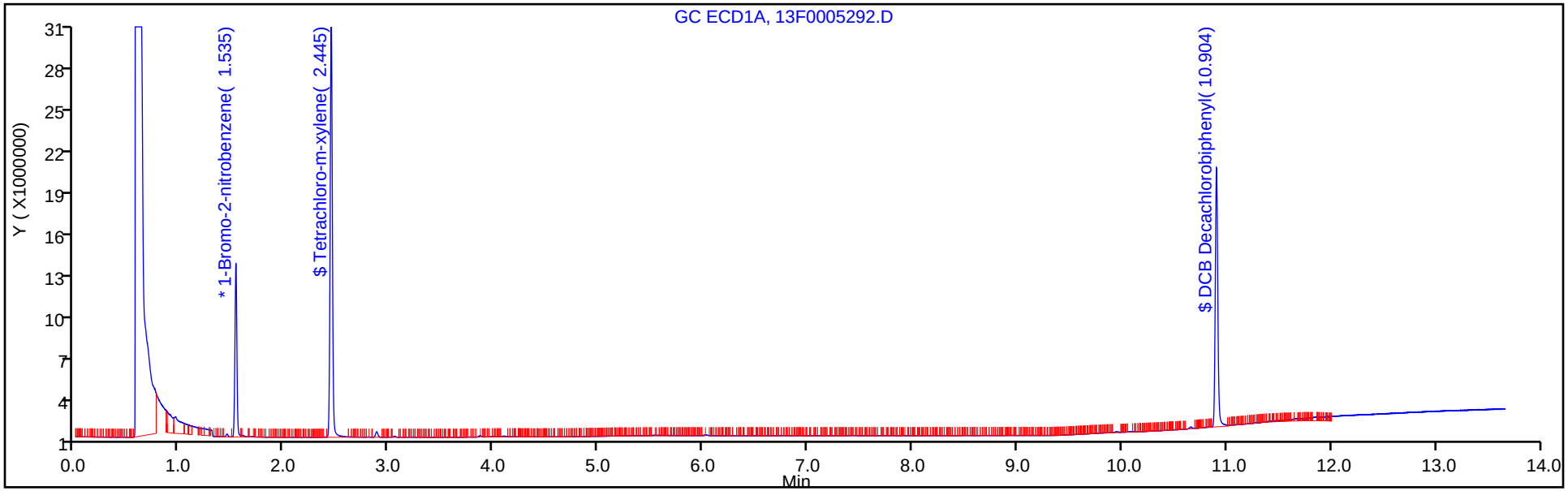
Report Date: 31-Aug-2020 11:10:24 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

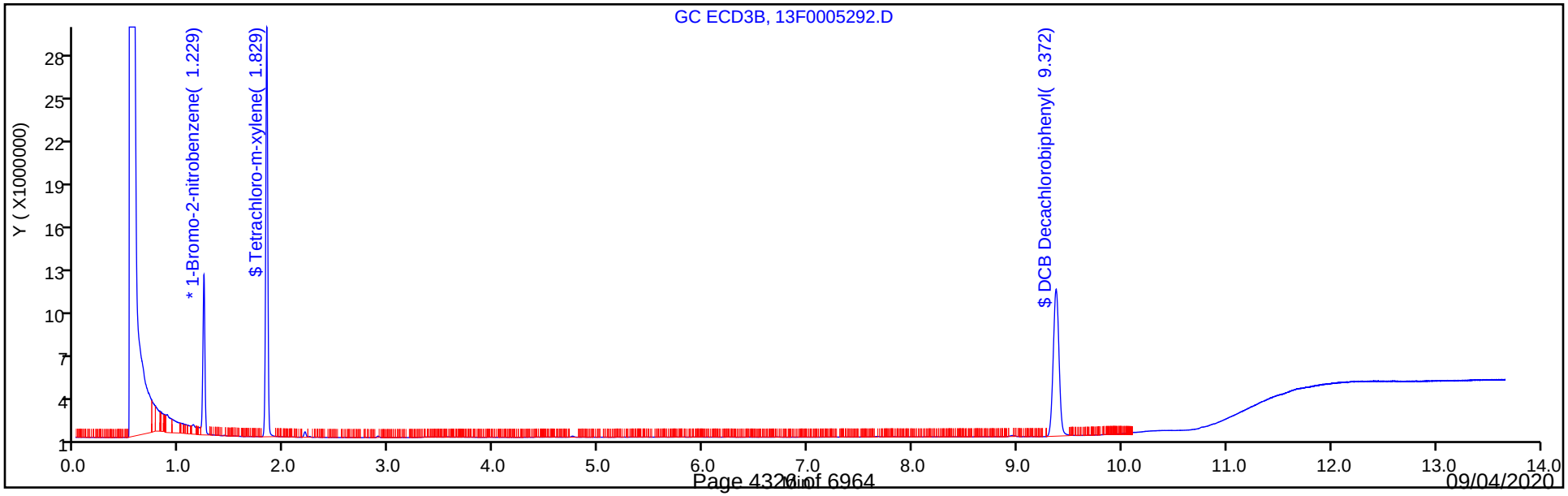
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005292.D

Injection Date:	28-Aug-2020 14:16:34	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-216927-E-1-A	Lab Sample ID:	460-216927-1	Worklist Smp#:	38
Client ID:	SB-15_0-2_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: 13F0005293.D

Analysis Method: 8082A Date Collected: 08/26/2020 09:55

Extraction Method: 3546 Date Extracted: 08/27/2020 18:36

Sample wt/vol: 15.0087(g) Date Analyzed: 08/28/2020 14:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720198 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		10-150
877-09-8	Tetrachloro-m-xylene	120		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005293.D
Lims ID: 460-216927-E-2-A
Client ID: SB-16_1-3_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 14:32:19 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115896-039
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 11:07:05 Calib Date: 26-Mar-2020 10:36:59
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CPESTGC13\20200326-107669.b\13F0000441.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 11:05:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.535	1.532	0.003	13242988	20.0	
2	1.229	1.228	0.001	13085082	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.445	2.445	0.000	41029993	59.8	
2	1.829	1.829	0.000	36043738	54.7	
					RPD = 8.93	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.909	10.961	-0.052	28996236	59.1	
2	9.373	9.376	-0.003	36392529	53.1	
					RPD = 10.72	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

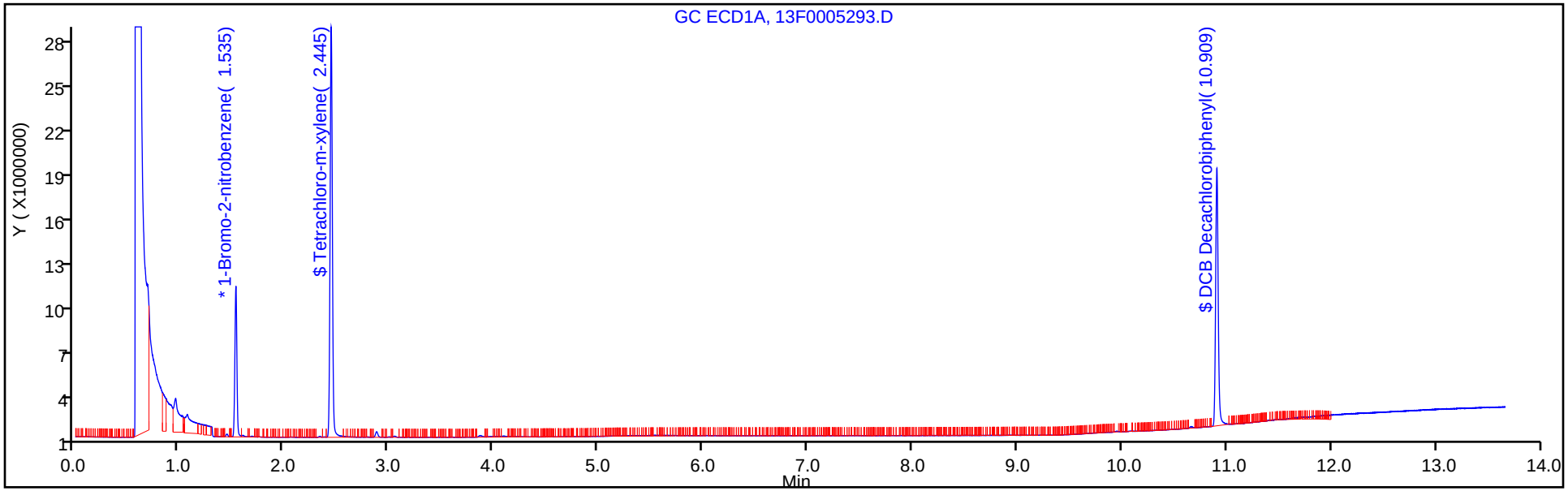
Report Date: 31-Aug-2020 11:10:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

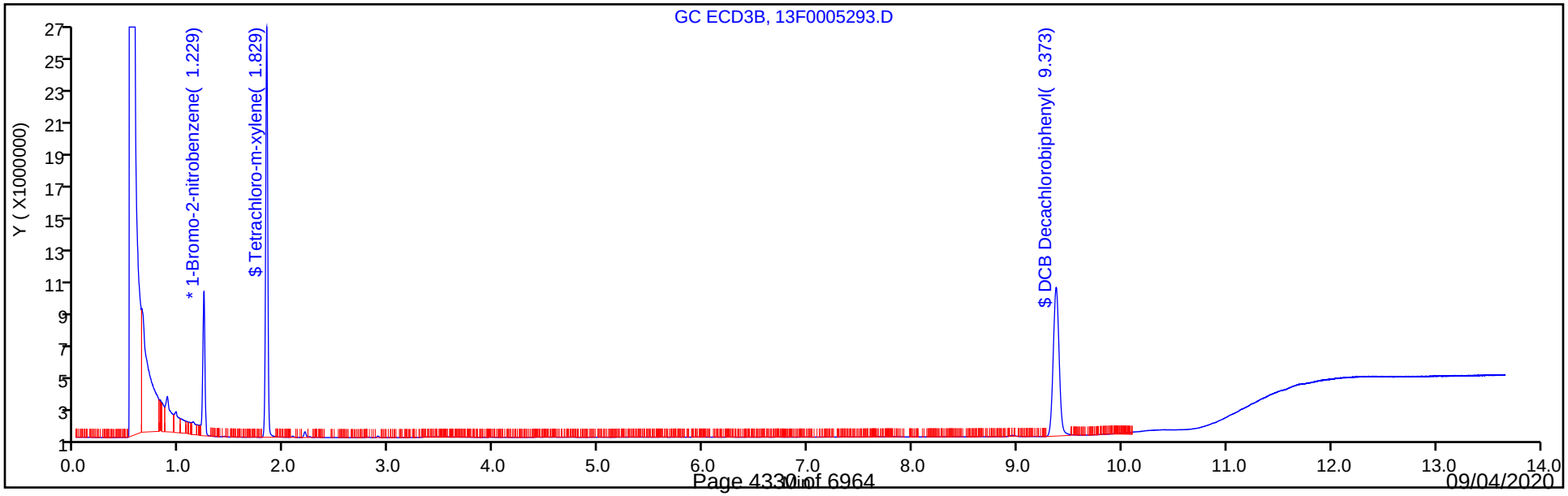
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005293.D

Injection Date:	28-Aug-2020 14:32:19	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-216927-E-2-A	Lab Sample ID:	460-216927-2	Worklist Smp#:	39
Client ID:	SB-16_1-3_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-16_1-3_20200826 Lab Sample ID: 460-216927-2

Matrix: Solid Lab File ID: 13F0005293.D

Analysis Method: 8082A Date Collected: 08/26/2020 09:55

Extraction Method: 3546 Date Extracted: 08/27/2020 18:36

Sample wt/vol: 15.0087(g) Date Analyzed: 08/28/2020 14:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0091	U	0.068	0.0091
11104-28-2	Aroclor 1221	0.0091	U	0.068	0.0091
11141-16-5	Aroclor 1232	0.0091	U	0.068	0.0091
53469-21-9	Aroclor 1242	0.0091	U	0.068	0.0091
12672-29-6	Aroclor 1248	0.0091	U	0.068	0.0091
11097-69-1	Aroclor 1254	0.0094	U	0.068	0.0094
11096-82-5	Aroclor 1260	0.0094	U	0.068	0.0094
37324-23-5	Aroclor-1262	0.0094	U	0.068	0.0094
11100-14-4	Aroclor 1268	0.0094	U	0.068	0.0094
1336-36-3	Polychlorinated biphenyls, Total	0.0094	U	0.068	0.0094

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		10-150
877-09-8	Tetrachloro-m-xylene	109		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005293.D
Lims ID: 460-216927-E-2-A
Client ID: SB-16_1-3_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 14:32:19 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115896-039
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 11:07:05 Calib Date: 26-Mar-2020 10:36:59
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CPESTGC13\20200326-107669.b\13F0000441.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 11:05:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.535	1.532	0.003	13242988	20.0	
2	1.229	1.228	0.001	13085082	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.445	2.445	0.000	41029993	59.8	
2	1.829	1.829	0.000	36043738	54.7	
					RPD = 8.93	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.909	10.961	-0.052	28996236	59.1	
2	9.373	9.376	-0.003	36392529	53.1	
					RPD = 10.72	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

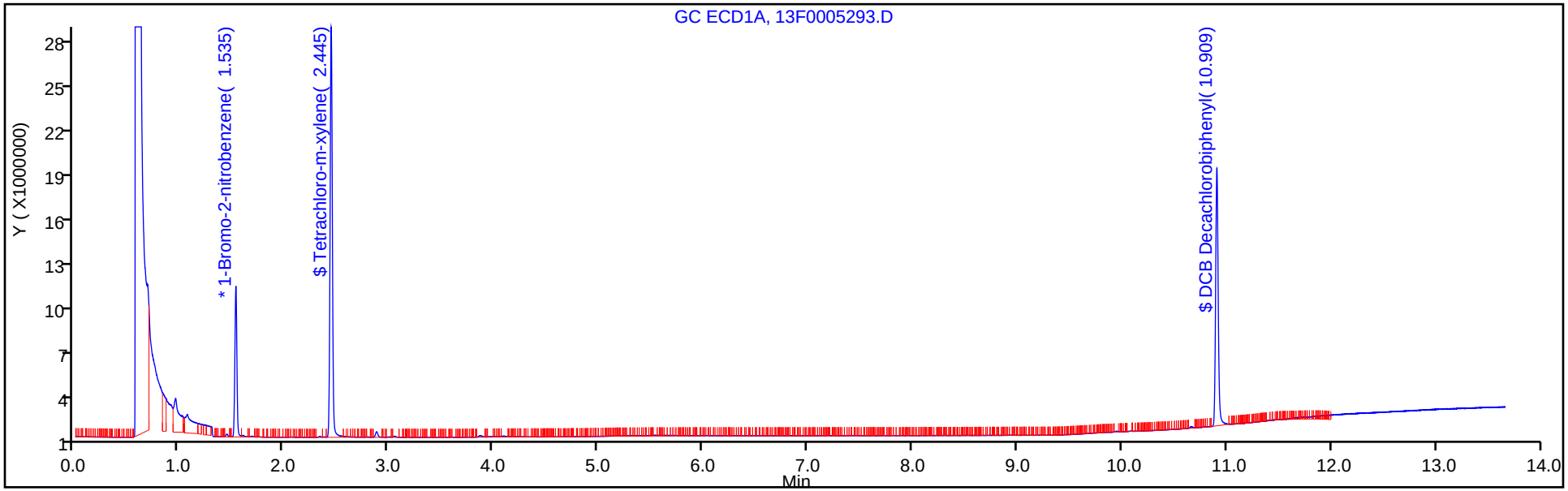
Report Date: 31-Aug-2020 11:10:27 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

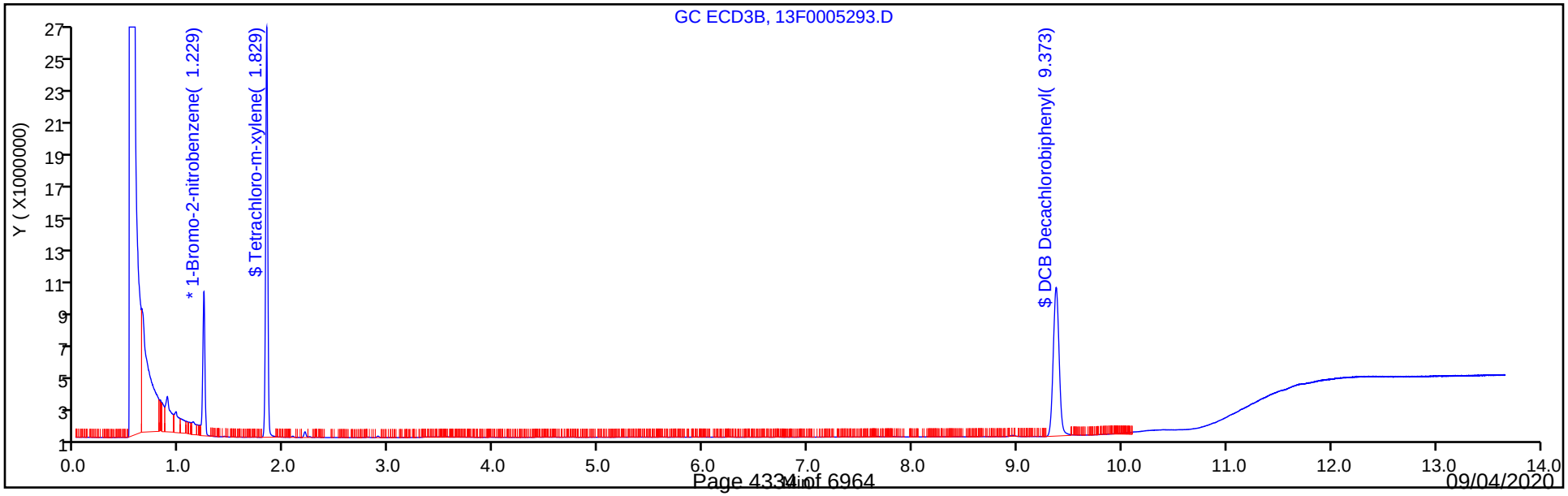
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005293.D

Injection Date:	28-Aug-2020 14:32:19	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-216927-E-2-A	Lab Sample ID:	460-216927-2	Worklist Smp#:	39
Client ID:	SB-16_1-3_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: 13F0005294.D

Analysis Method: 8082A Date Collected: 08/26/2020 13:40

Extraction Method: 3546 Date Extracted: 08/27/2020 18:36

Sample wt/vol: 15.0002(g) Date Analyzed: 08/28/2020 14:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720198 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		10-150
877-09-8	Tetrachloro-m-xylene	103		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005294.D
Lims ID: 460-216927-E-3-A
Client ID: SB-17_0-2_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 14:48:03 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115896-040
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 11:07:05 Calib Date: 26-Mar-2020 10:36:59
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CPESTGC13\20200326-107669.b\13F0000441.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 11:05:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.534	1.532	0.002	16405421	20.0	
2	1.229	1.228	0.001	15491746	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.445	2.445	0.000	43855749	51.6	
2	1.829	1.829	0.000	38354128	49.2	
					RPD = 4.85	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						Ma
1	10.906	10.961	-0.055	31424115	51.7	a
2	9.364	9.376	-0.012	40000158	49.3	M
					RPD = 4.79	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

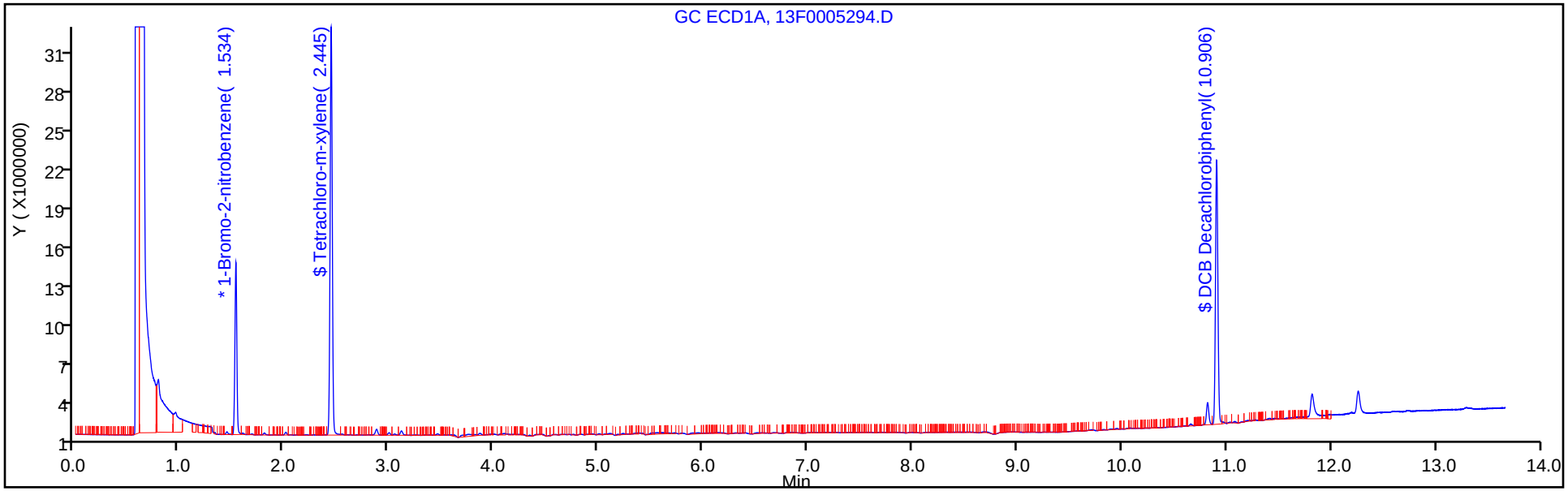
Report Date: 31-Aug-2020 11:10:28 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

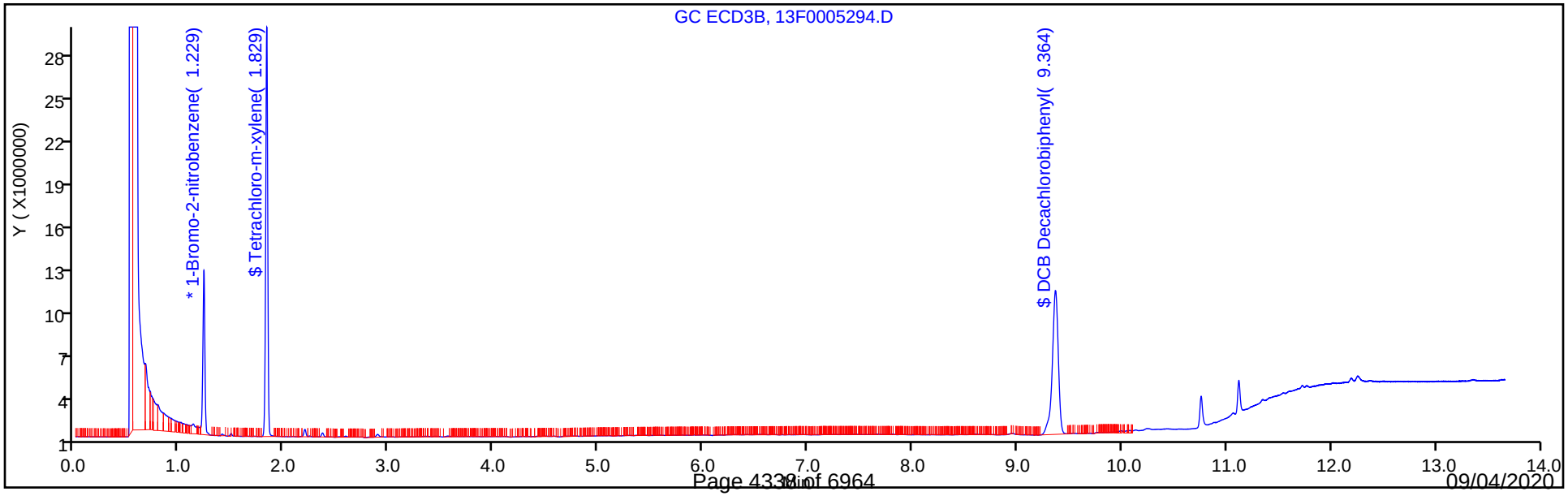
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005294.D

Injection Date:	28-Aug-2020 14:48:03	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-216927-E-3-A	Lab Sample ID:	460-216927-3	Worklist Smp#:	40
Client ID:	SB-17_0-2_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	40
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins TestAmerica, Edison

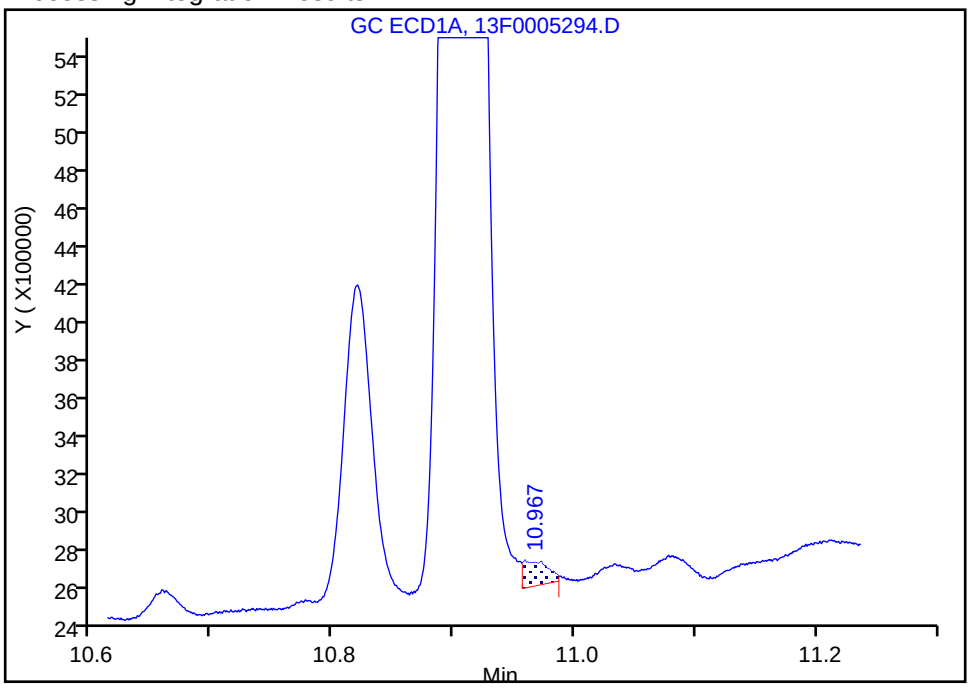
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005294.D				
Injection Date:	28-Aug-2020 14:48:03	Instrument ID:	CPESTGC13		
Lims ID:	460-216927-E-3-A	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

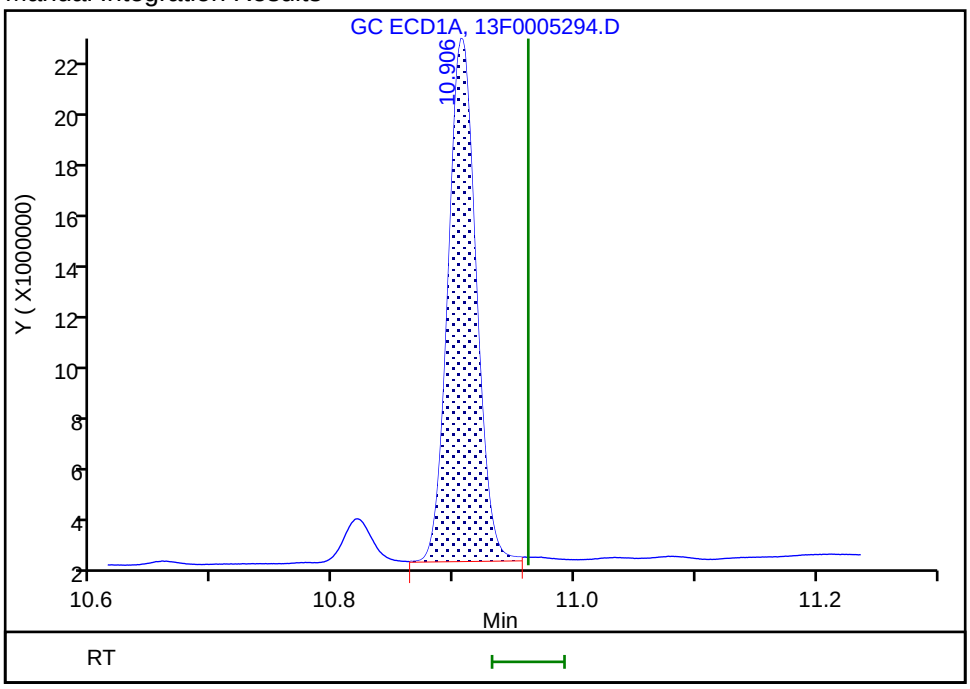
Processing Integration Results

RT: 10.97
Area: 177637
Amount: 0.292170
Amount Units: ug/l



Manual Integration Results

RT: 10.91
Area: 31424115
Amount: 51.685023
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 11:05:25
Audit Action: Assigned Compound ID Audit Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-17_0-2_20200826 Lab Sample ID: 460-216927-3

Matrix: Solid Lab File ID: 13F0005294.D

Analysis Method: 8082A Date Collected: 08/26/2020 13:40

Extraction Method: 3546 Date Extracted: 08/27/2020 18:36

Sample wt/vol: 15.0002(g) Date Analyzed: 08/28/2020 14:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.010	U	0.076	0.010
11104-28-2	Aroclor 1221	0.010	U	0.076	0.010
11141-16-5	Aroclor 1232	0.010	U	0.076	0.010
53469-21-9	Aroclor 1242	0.010	U	0.076	0.010
12672-29-6	Aroclor 1248	0.010	U	0.076	0.010
11097-69-1	Aroclor 1254	0.010	U	0.076	0.010
11096-82-5	Aroclor 1260	0.010	U	0.076	0.010
37324-23-5	Aroclor-1262	0.010	U	0.076	0.010
11100-14-4	Aroclor 1268	0.010	U	0.076	0.010
1336-36-3	Polychlorinated biphenyls, Total	0.010	U	0.076	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150
877-09-8	Tetrachloro-m-xylene	98		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005294.D
Lims ID: 460-216927-E-3-A
Client ID: SB-17_0-2_20200826
Sample Type: Client
Inject. Date: 28-Aug-2020 14:48:03 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115896-040
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 11:07:05 Calib Date: 26-Mar-2020 10:36:59
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CPESTGC13\20200326-107669.b\13F0000441.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 11:05:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.534	1.532	0.002	16405421	20.0	
2	1.229	1.228	0.001	15491746	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.445	2.445	0.000	43855749	51.6	
2	1.829	1.829	0.000	38354128	49.2	
					RPD = 4.85	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						Ma
1	10.906	10.961	-0.055	31424115	51.7	a
2	9.364	9.376	-0.012	40000158	49.3	M
					RPD = 4.79	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

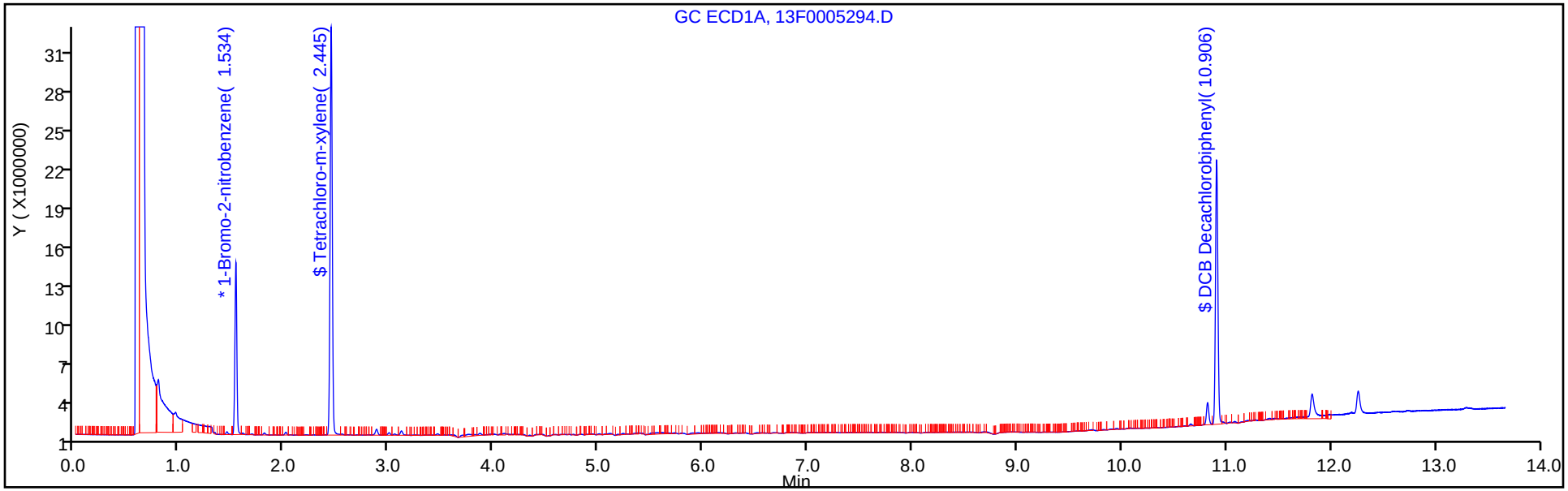
Report Date: 31-Aug-2020 11:10:30 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

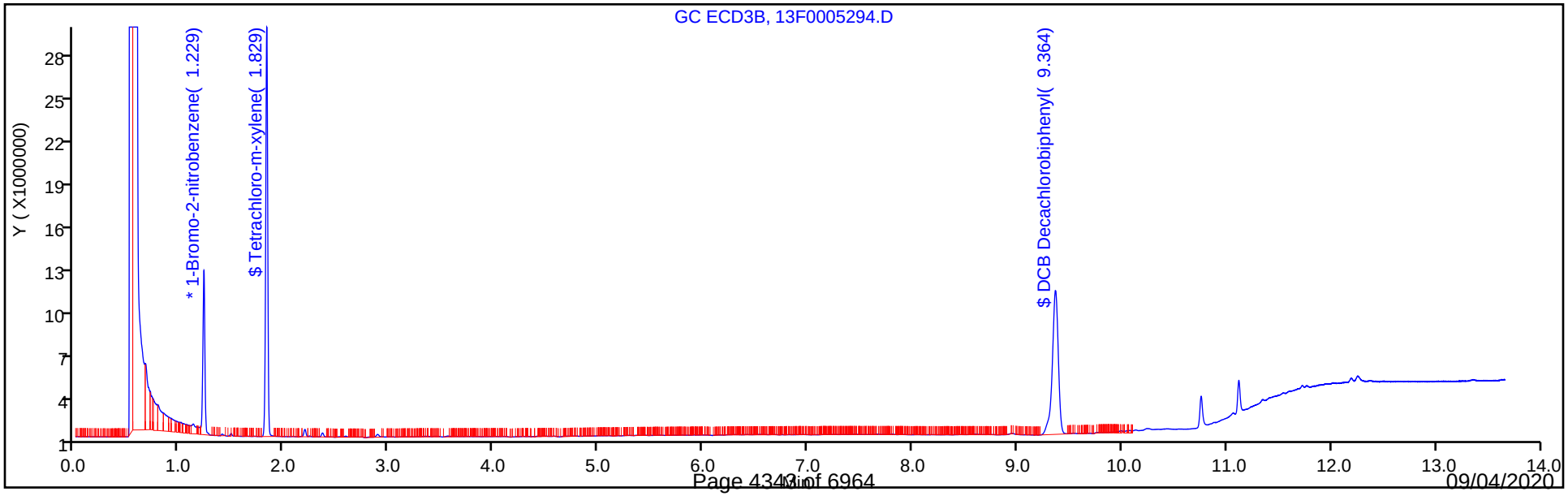
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005294.D

Injection Date:	28-Aug-2020 14:48:03	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-216927-E-3-A	Lab Sample ID:	460-216927-3	Worklist Smp#:	40
Client ID:	SB-17_0-2_20200826				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	40
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

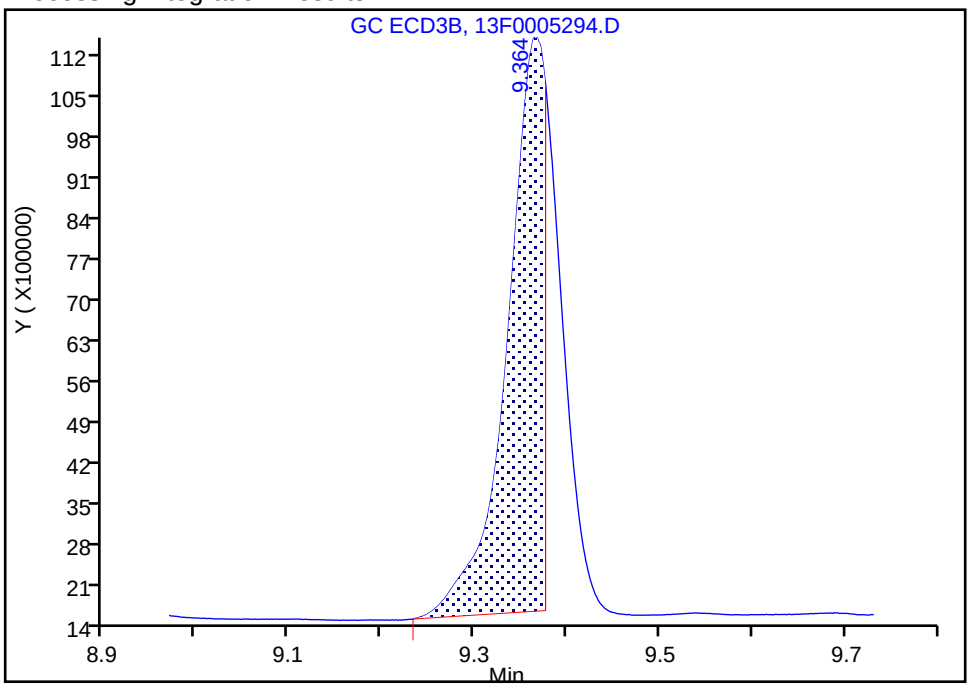
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20200828-115896.b\13F0005294.D				
Injection Date:	28-Aug-2020 14:48:03	Instrument ID:	CPESTGC13		
Lims ID:	460-216927-E-3-A	Lab Sample ID:	460-216927-3		
Client ID:	SB-17_0-2_20200826				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

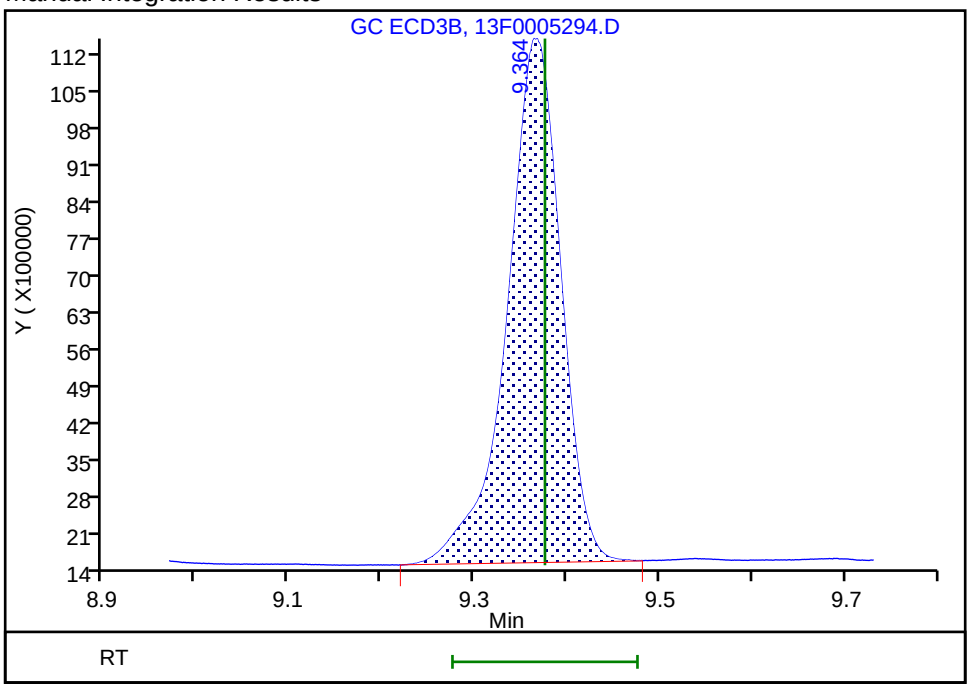
Processing Integration Results

RT: 9.36
Area: 26814406
Amount: 33.027132
Amount Units: ug/l



Manual Integration Results

RT: 9.36
Area: 40000158
Amount: 49.267938
Amount Units: ug/l



Reviewer: patelji, 31-Aug-2020 11:05:39

Audit Action: Manually Integrated Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: 14F0005340.D

Analysis Method: 8082A Date Collected: 08/27/2020 08:25

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0201(g) Date Analyzed: 08/29/2020 15:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		10-150
877-09-8	Tetrachloro-m-xylene	137		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005340.D
Lims ID: 460-217009-E-1-G
Client ID: SB-10_1-3_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 15:45:02 ALS Bottle#: 75 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-021
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.641	0.003	14497773	20.0	
2	1.395	1.393	0.002	20223847	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.608	2.603	0.005	54305560	68.7	
2	2.062	2.058	0.004	70751459	72.0	
					RPD = 4.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.980	10.983	-0.003	32677311	69.2	
2	9.866	9.863	0.003	50597995	71.1	
					RPD = 2.63	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

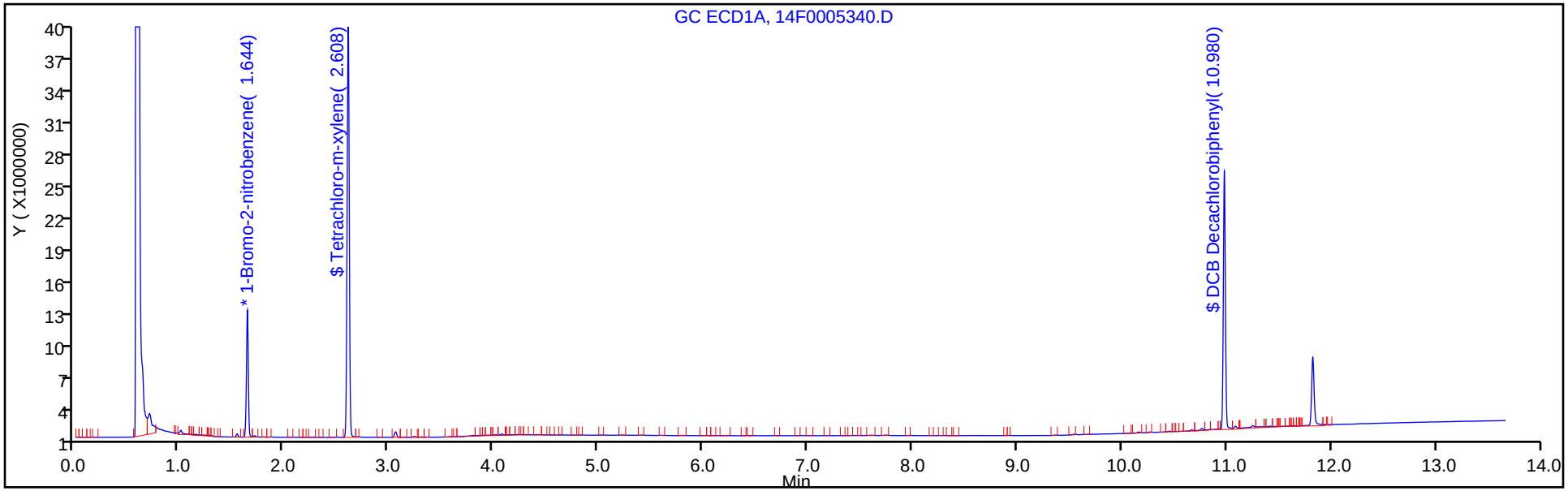
Report Date: 31-Aug-2020 09:27:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

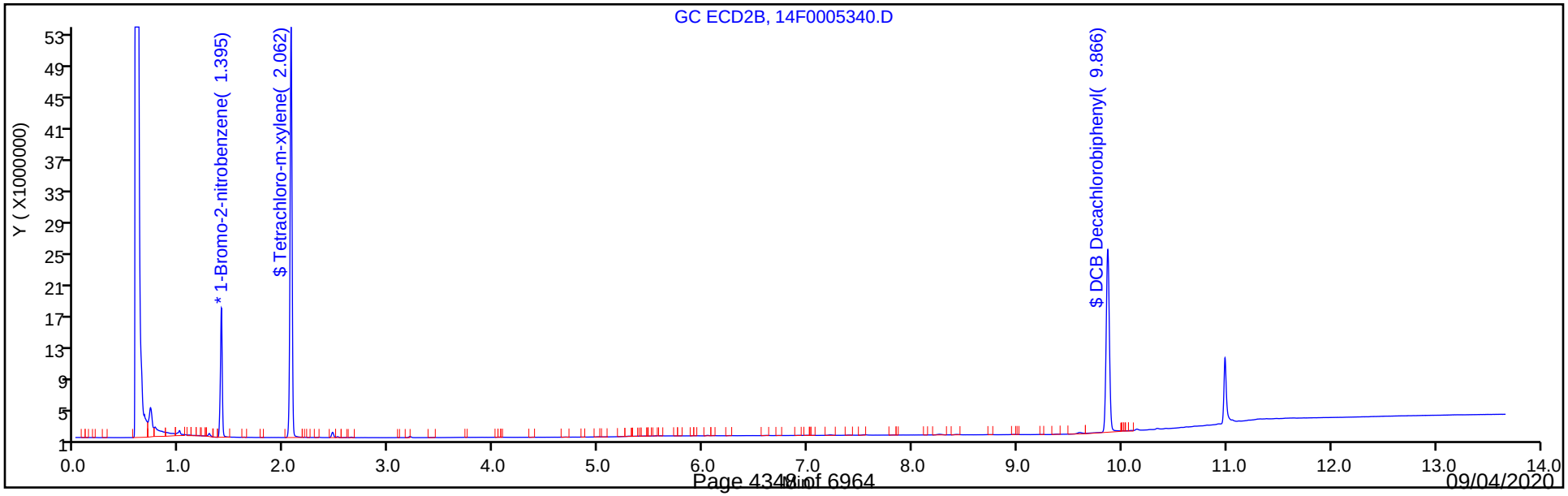
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005340.D

Injection Date:	29-Aug-2020 15:45:02	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-1-G	Lab Sample ID:	460-217009-1	Worklist Smp#:	21
Client ID:	SB-10_1-3_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	75
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_1-3_20200827 Lab Sample ID: 460-217009-1

Matrix: Solid Lab File ID: 14F0005340.D

Analysis Method: 8082A Date Collected: 08/27/2020 08:25

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0201(g) Date Analyzed: 08/29/2020 15:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0095	U	0.072	0.0095
11104-28-2	Aroclor 1221	0.0095	U	0.072	0.0095
11141-16-5	Aroclor 1232	0.0095	U	0.072	0.0095
53469-21-9	Aroclor 1242	0.0095	U	0.072	0.0095
12672-29-6	Aroclor 1248	0.0095	U	0.072	0.0095
11097-69-1	Aroclor 1254	0.0098	U	0.072	0.0098
11096-82-5	Aroclor 1260	0.0098	U	0.072	0.0098
37324-23-5	Aroclor-1262	0.0098	U	0.072	0.0098
11100-14-4	Aroclor 1268	0.0098	U	0.072	0.0098
1336-36-3	Polychlorinated biphenyls, Total	0.0098	U	0.072	0.0098

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142		10-150
877-09-8	Tetrachloro-m-xylene	144		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005340.D
Lims ID: 460-217009-E-1-G
Client ID: SB-10_1-3_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 15:45:02 ALS Bottle#: 75 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-021
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.641	0.003	14497773	20.0	
2	1.395	1.393	0.002	20223847	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.608	2.603	0.005	54305560	68.7	
2	2.062	2.058	0.004	70751459	72.0	
					RPD = 4.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.980	10.983	-0.003	32677311	69.2	
2	9.866	9.863	0.003	50597995	71.1	
					RPD = 2.63	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

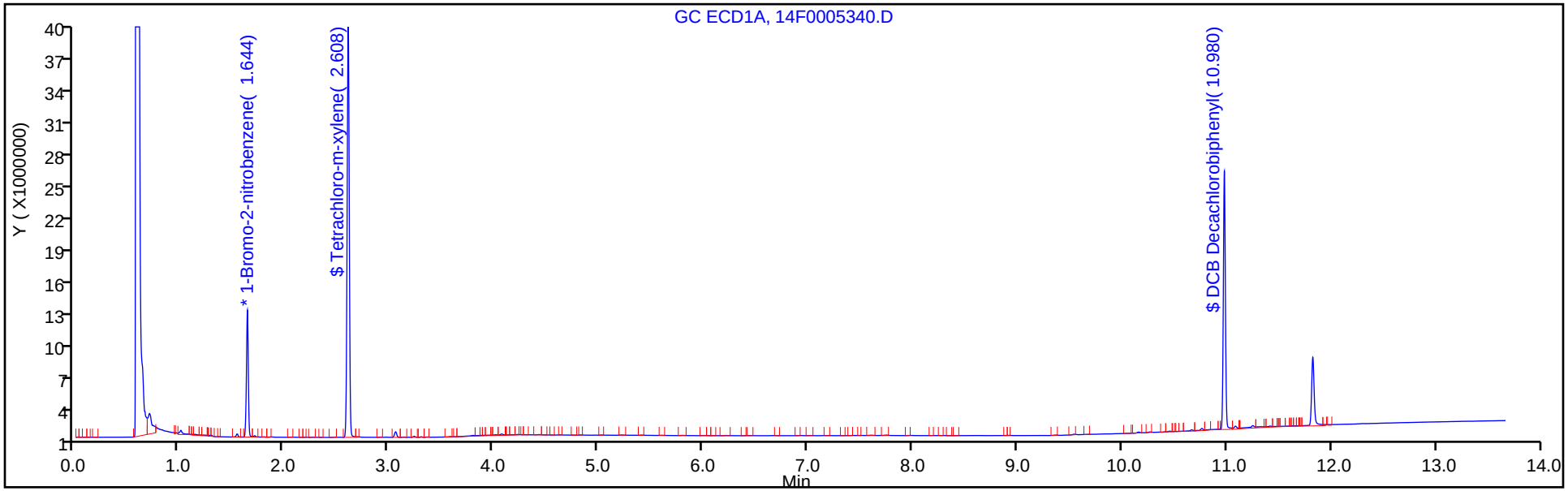
Report Date: 31-Aug-2020 09:27:33 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

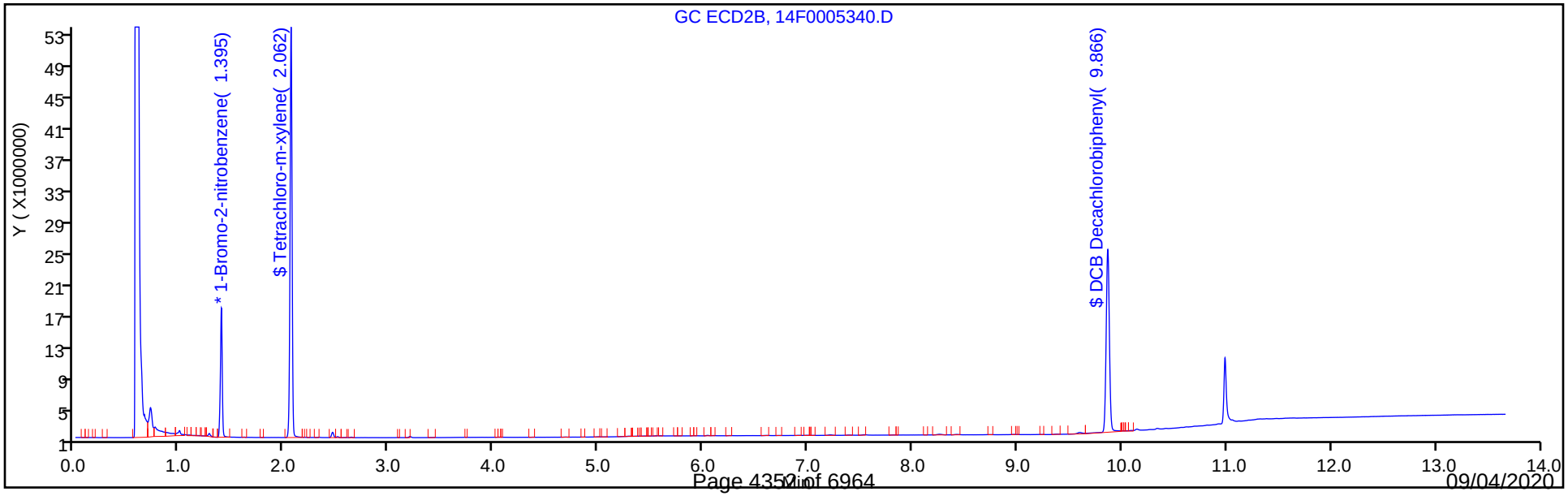
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005340.D

Injection Date:	29-Aug-2020 15:45:02	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-1-G	Lab Sample ID:	460-217009-1	Worklist Smp#:	21
Client ID:	SB-10_1-3_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	75
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: 14F0005341.D

Analysis Method: 8082A Date Collected: 08/27/2020 09:40

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0018(g) Date Analyzed: 08/29/2020 16:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	154	X	10-150
877-09-8	Tetrachloro-m-xylene	150	X	58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005341.D
Lims ID: 460-217009-E-2-C
Client ID: SB-10_17-19_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:01:44 ALS Bottle#: 76 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-022
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.641	0.002	14818232	20.0	
2	1.393	1.393	0.000	20700130	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	60705942	75.2	
2	2.060	2.058	0.002	79509356	79.0	
					RPD = 5.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.962	10.983	-0.021	37205262	77.1	
2	9.864	9.863	0.001	56933773	78.1	
					RPD = 1.31	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

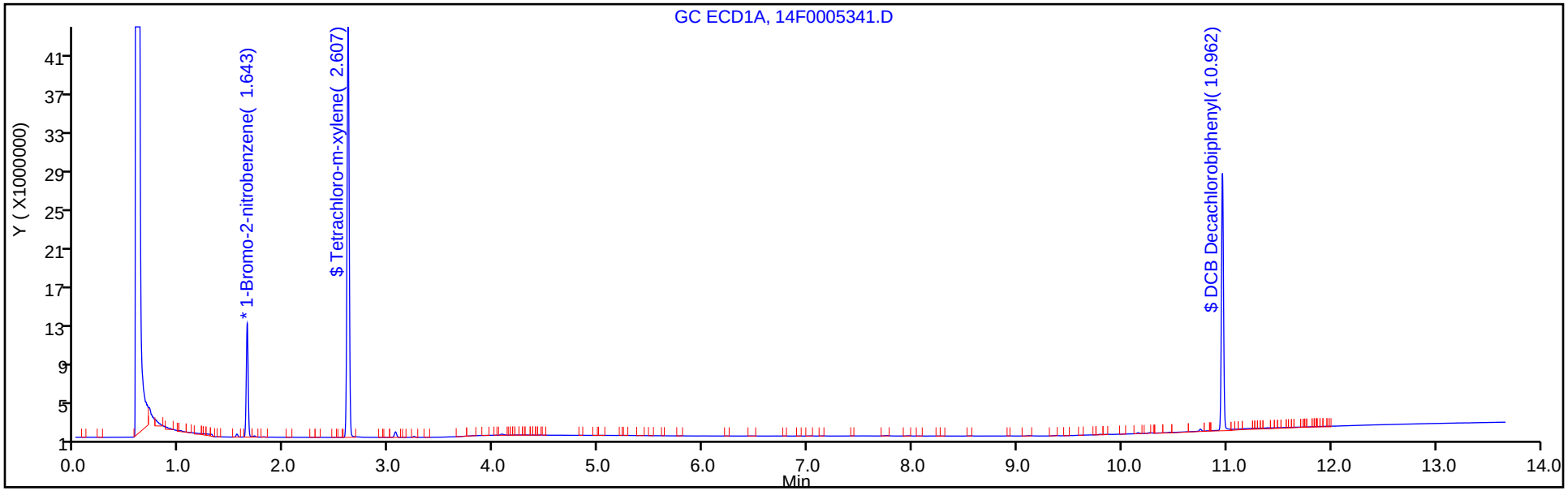
Report Date: 31-Aug-2020 09:27:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

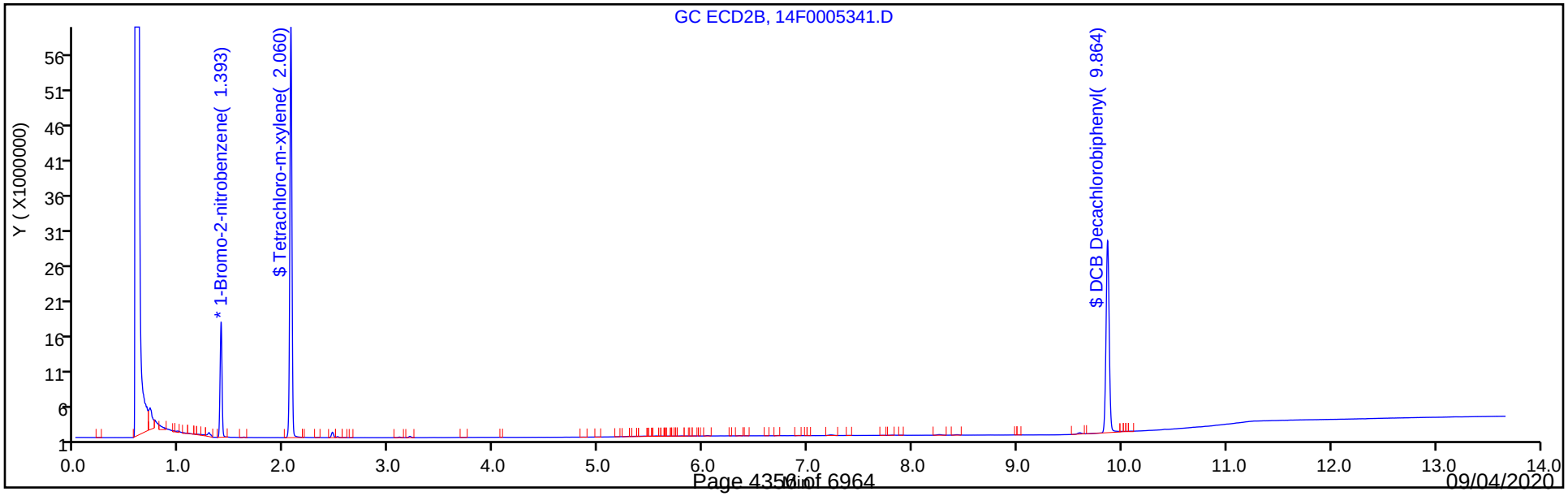
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005341.D

Injection Date:	29-Aug-2020 16:01:44	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-2-C	Lab Sample ID:	460-217009-2	Worklist Smp#:	22
Client ID:	SB-10_17-19_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	76
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-10_17-19_20200827 Lab Sample ID: 460-217009-2

Matrix: Solid Lab File ID: 14F0005341.D

Analysis Method: 8082A Date Collected: 08/27/2020 09:40

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0018(g) Date Analyzed: 08/29/2020 16:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0095	U	0.071	0.0095
11104-28-2	Aroclor 1221	0.0095	U	0.071	0.0095
11141-16-5	Aroclor 1232	0.0095	U	0.071	0.0095
53469-21-9	Aroclor 1242	0.0095	U	0.071	0.0095
12672-29-6	Aroclor 1248	0.0095	U	0.071	0.0095
11097-69-1	Aroclor 1254	0.0098	U	0.071	0.0098
11096-82-5	Aroclor 1260	0.0098	U	0.071	0.0098
37324-23-5	Aroclor-1262	0.0098	U	0.071	0.0098
11100-14-4	Aroclor 1268	0.0098	U	0.071	0.0098
1336-36-3	Polychlorinated biphenyls, Total	0.0098	U	0.071	0.0098

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	156	X	10-150
877-09-8	Tetrachloro-m-xylene	158	X	58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005341.D
Lims ID: 460-217009-E-2-C
Client ID: SB-10_17-19_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:01:44 ALS Bottle#: 76 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-022
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.641	0.002	14818232	20.0	
2	1.393	1.393	0.000	20700130	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	60705942	75.2	
2	2.060	2.058	0.002	79509356	79.0	
					RPD = 5.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.962	10.983	-0.021	37205262	77.1	
2	9.864	9.863	0.001	56933773	78.1	
					RPD = 1.31	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

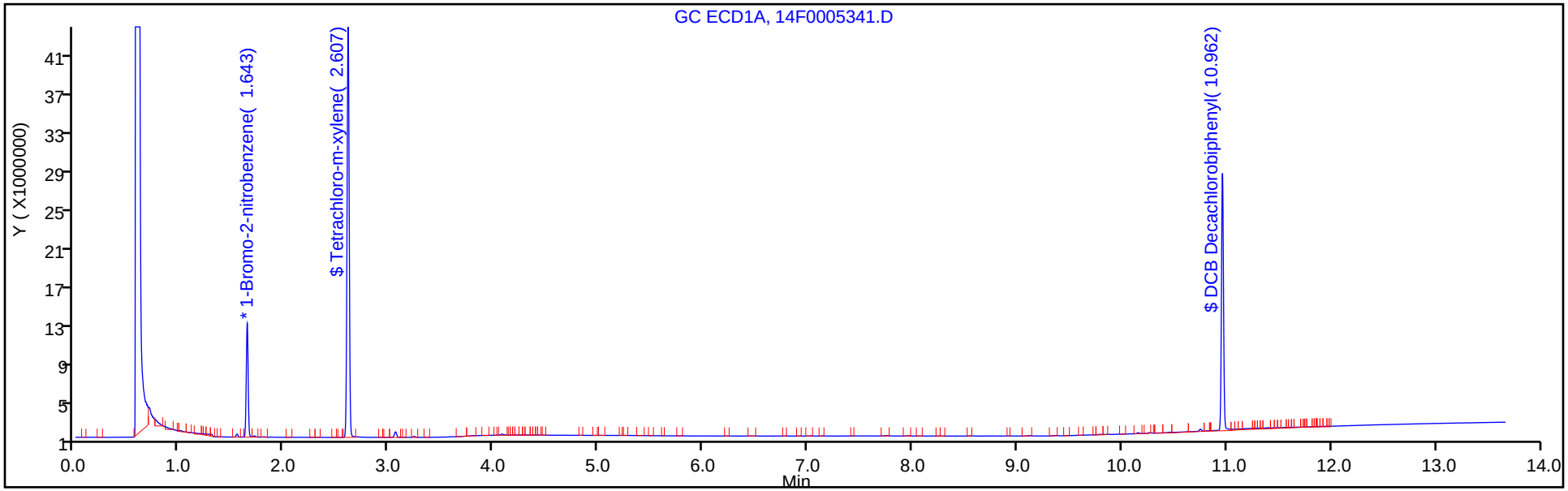
Report Date: 31-Aug-2020 09:27:34 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

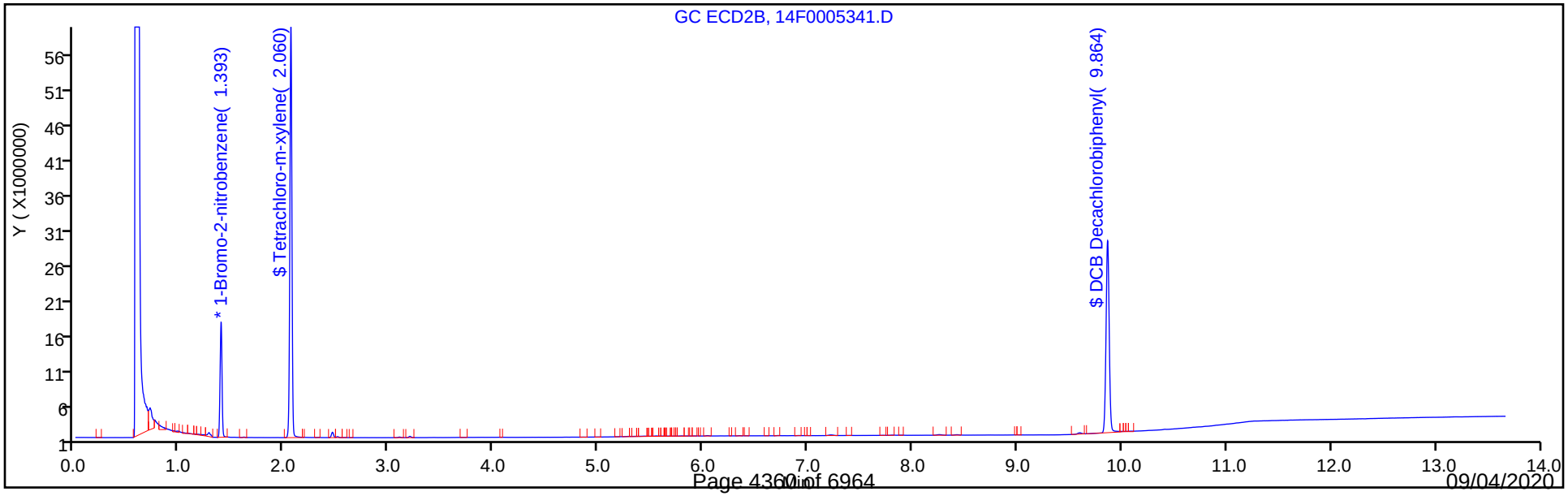
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005341.D

Injection Date:	29-Aug-2020 16:01:44	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-2-C	Lab Sample ID:	460-217009-2	Worklist Smp#:	22
Client ID:	SB-10_17-19_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	76
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: 14F0005342.D

Analysis Method: 8082A Date Collected: 08/27/2020 09:30

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0063(g) Date Analyzed: 08/29/2020 16:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		10-150
877-09-8	Tetrachloro-m-xylene	120		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005342.D
Lims ID: 460-217009-E-3-D
Client ID: SB-18_3-5_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:18:26 ALS Bottle#: 77 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-023
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.641	0.003	15329640	20.0	
2	1.395	1.393	0.002	21410769	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.608	2.603	0.005	50231431	60.1	
2	2.062	2.058	0.004	66087645	63.5	
					RPD = 5.47	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.959	10.983	-0.024	30457571	61.0	
2	9.863	9.863	0.000	48553437	64.4	
					RPD = 5.42	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

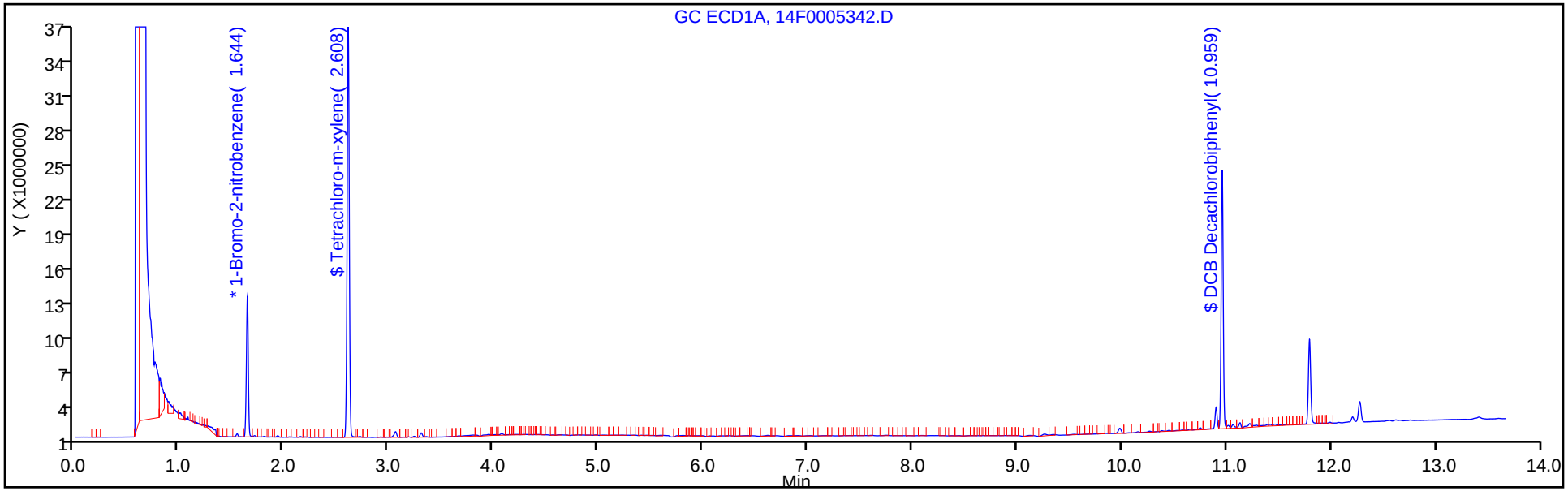
Report Date: 31-Aug-2020 09:27:35 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

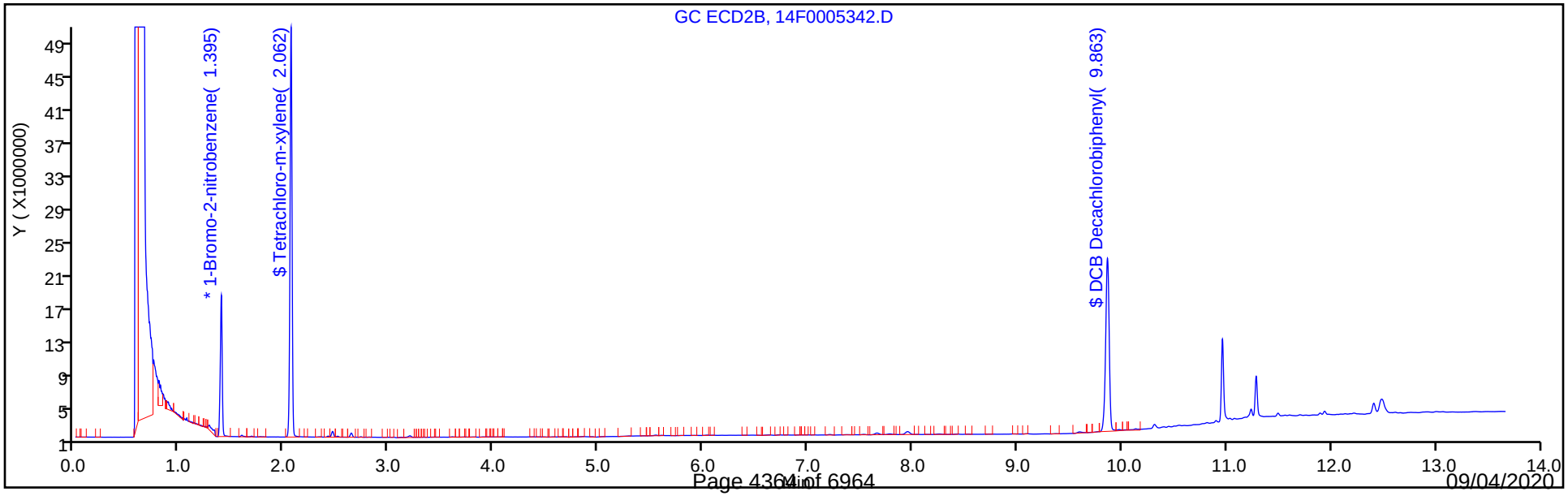
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005342.D

Injection Date:	29-Aug-2020 16:18:26	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-3-D	Lab Sample ID:	460-217009-3	Worklist Smp#:	23
Client ID:	SB-18_3-5_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	77
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_3-5_20200827 Lab Sample ID: 460-217009-3

Matrix: Solid Lab File ID: 14F0005342.D

Analysis Method: 8082A Date Collected: 08/27/2020 09:30

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0063(g) Date Analyzed: 08/29/2020 16:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.010	U	0.075	0.010
11104-28-2	Aroclor 1221	0.010	U	0.075	0.010
11141-16-5	Aroclor 1232	0.010	U	0.075	0.010
53469-21-9	Aroclor 1242	0.010	U	0.075	0.010
12672-29-6	Aroclor 1248	0.010	U	0.075	0.010
11097-69-1	Aroclor 1254	0.010	U	0.075	0.010
11096-82-5	Aroclor 1260	0.010	U	0.075	0.010
37324-23-5	Aroclor-1262	0.010	U	0.075	0.010
11100-14-4	Aroclor 1268	0.010	U	0.075	0.010
1336-36-3	Polychlorinated biphenyls, Total	0.010	U	0.075	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		10-150
877-09-8	Tetrachloro-m-xylene	127		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005342.D
Lims ID: 460-217009-E-3-D
Client ID: SB-18_3-5_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:18:26 ALS Bottle#: 77 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-023
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.641	0.003	15329640	20.0	
2	1.395	1.393	0.002	21410769	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.608	2.603	0.005	50231431	60.1	
2	2.062	2.058	0.004	66087645	63.5	
					RPD = 5.47	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.959	10.983	-0.024	30457571	61.0	
2	9.863	9.863	0.000	48553437	64.4	
					RPD = 5.42	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

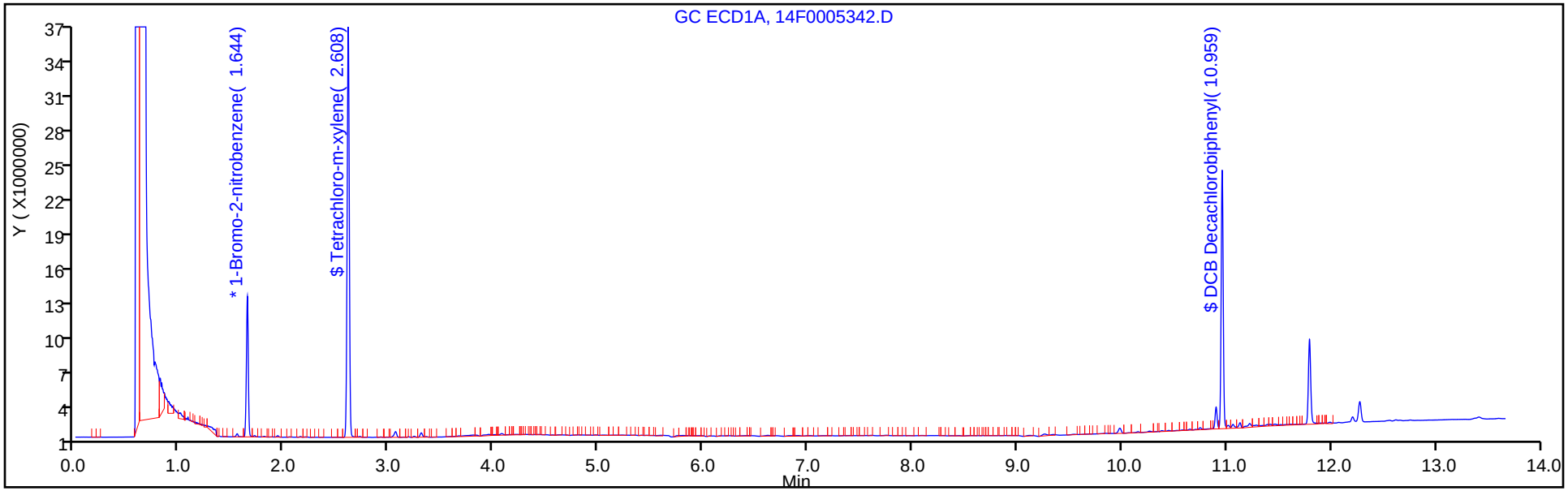
Report Date: 31-Aug-2020 09:27:36 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

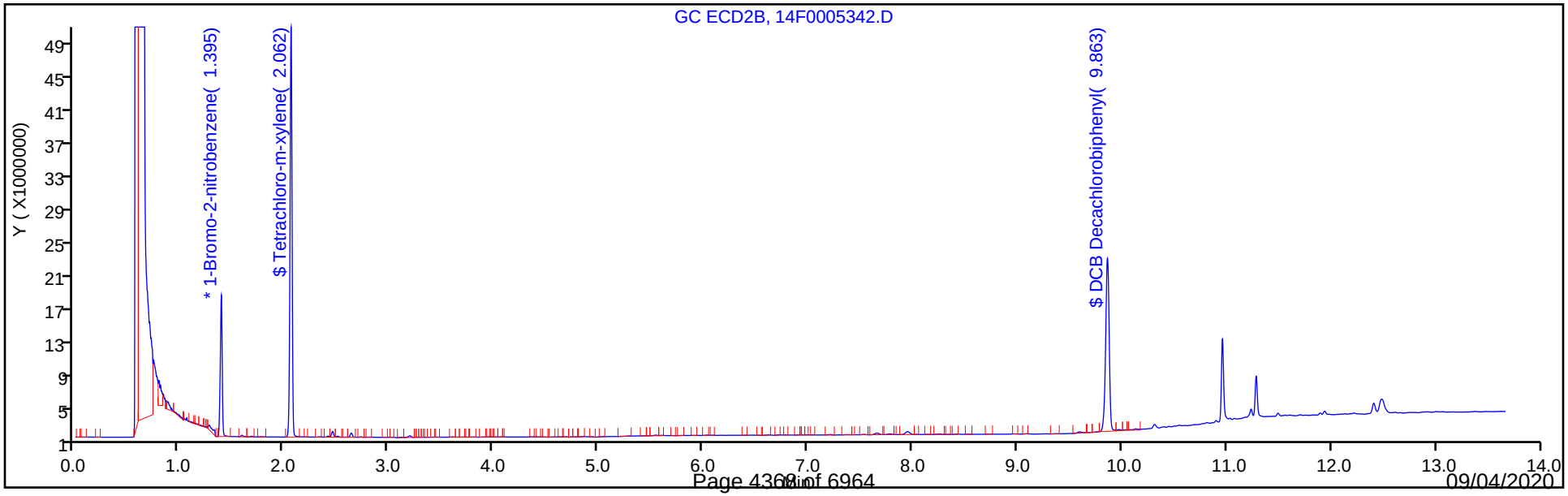
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005342.D

Injection Date:	29-Aug-2020 16:18:26	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-3-D	Lab Sample ID:	460-217009-3	Worklist Smp#:	23
Client ID:	SB-18_3-5_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	77
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: 14F0005343.D

Analysis Method: 8082A Date Collected: 08/27/2020 09:35

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0055(g) Date Analyzed: 08/29/2020 16:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		10-150
877-09-8	Tetrachloro-m-xylene	127		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005343.D
Lims ID: 460-217009-E-4-D
Client ID: SB-18_16-18_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:35:08 ALS Bottle#: 78 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.641	0.002	15270526	20.0	
2	1.394	1.393	0.001	21298044	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	52673923	63.3	
2	2.060	2.058	0.002	68929249	66.6	
					RPD = 5.07	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.962	10.983	-0.021	32316928	65.0	
2	9.865	9.863	0.002	48295309	64.4	
					RPD = 0.90	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

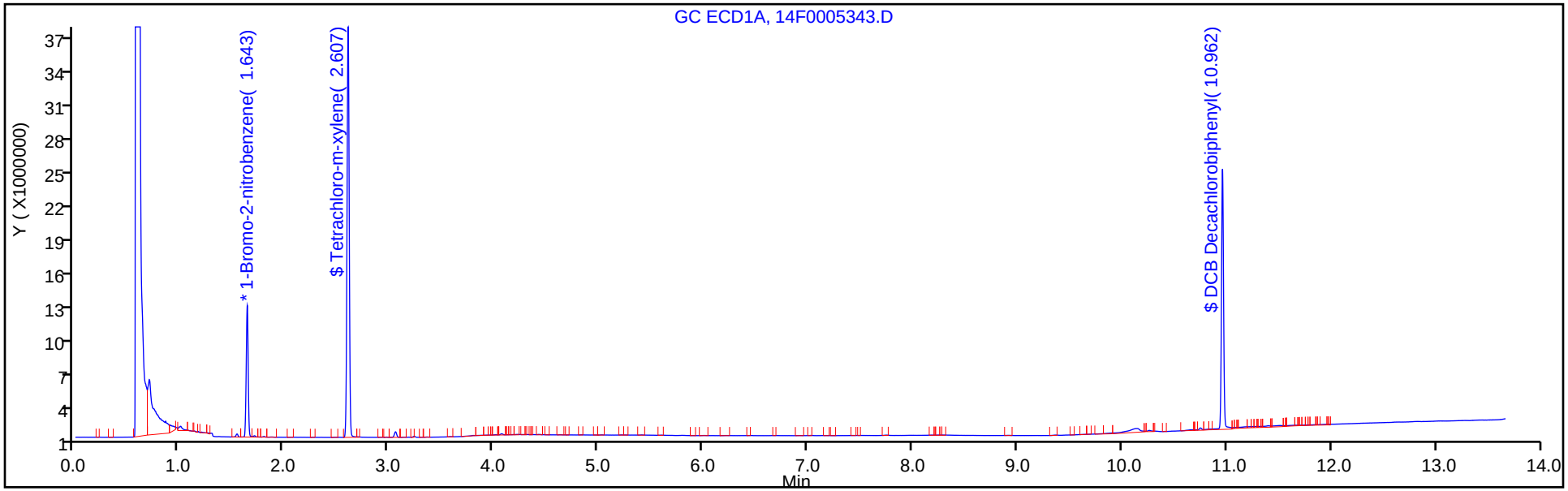
Report Date: 31-Aug-2020 09:27:37 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

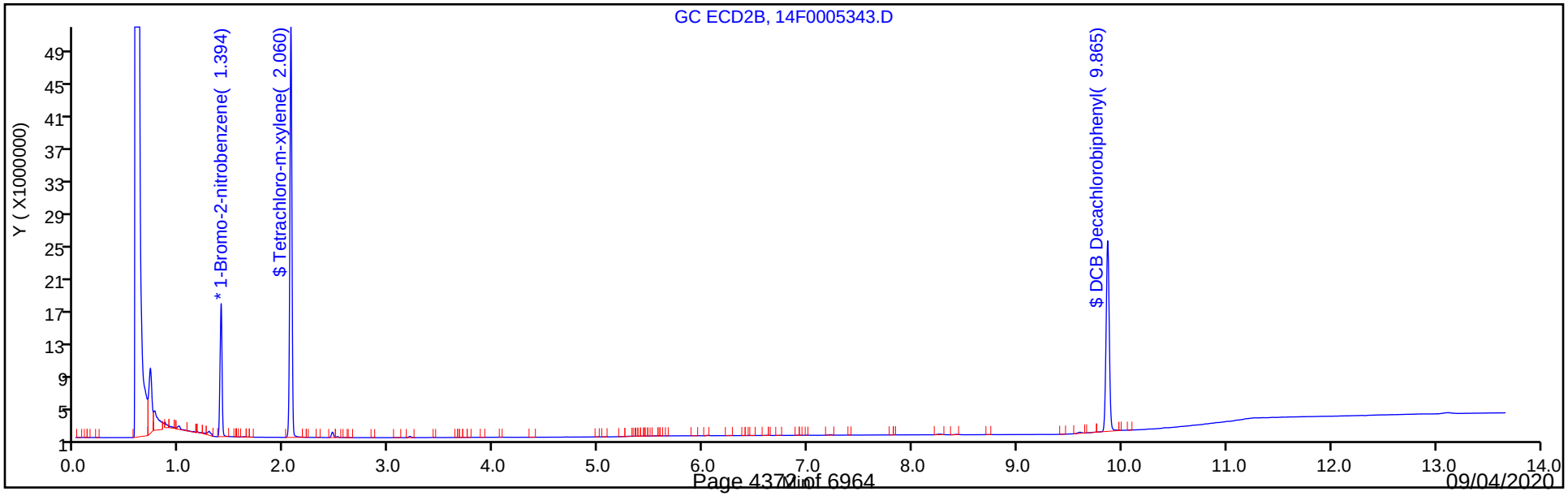
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005343.D

Injection Date:	29-Aug-2020 16:35:08	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-4-D	Lab Sample ID:	460-217009-4	Worklist Smp#:	24
Client ID:	SB-18_16-18_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	78
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-18_16-18_20200827 Lab Sample ID: 460-217009-4

Matrix: Solid Lab File ID: 14F0005343.D

Analysis Method: 8082A Date Collected: 08/27/2020 09:35

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0055(g) Date Analyzed: 08/29/2020 16:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0093	U	0.070	0.0093
11104-28-2	Aroclor 1221	0.0093	U	0.070	0.0093
11141-16-5	Aroclor 1232	0.0093	U	0.070	0.0093
53469-21-9	Aroclor 1242	0.0093	U	0.070	0.0093
12672-29-6	Aroclor 1248	0.0093	U	0.070	0.0093
11097-69-1	Aroclor 1254	0.0096	U	0.070	0.0096
11096-82-5	Aroclor 1260	0.0096	U	0.070	0.0096
37324-23-5	Aroclor-1262	0.0096	U	0.070	0.0096
11100-14-4	Aroclor 1268	0.0096	U	0.070	0.0096
1336-36-3	Polychlorinated biphenyls, Total	0.0096	U	0.070	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		10-150
877-09-8	Tetrachloro-m-xylene	133		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005343.D
Lims ID: 460-217009-E-4-D
Client ID: SB-18_16-18_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:35:08 ALS Bottle#: 78 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.641	0.002	15270526	20.0	
2	1.394	1.393	0.001	21298044	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	52673923	63.3	
2	2.060	2.058	0.002	68929249	66.6	
					RPD = 5.07	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.962	10.983	-0.021	32316928	65.0	
2	9.865	9.863	0.002	48295309	64.4	
					RPD = 0.90	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

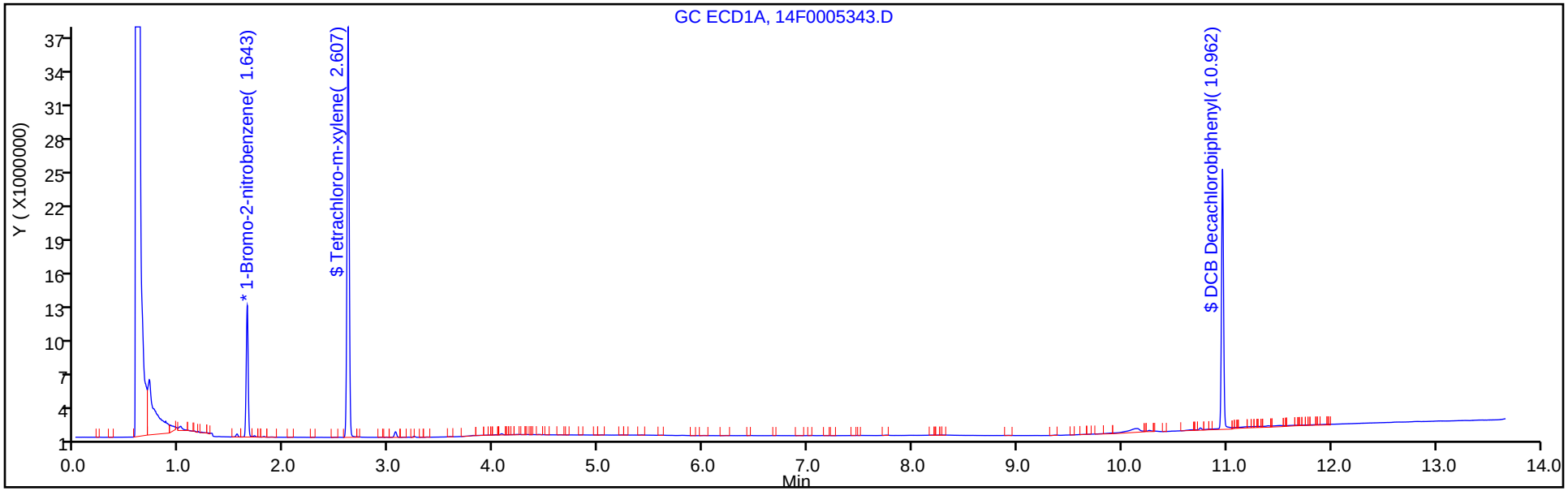
Report Date: 31-Aug-2020 09:27:38 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

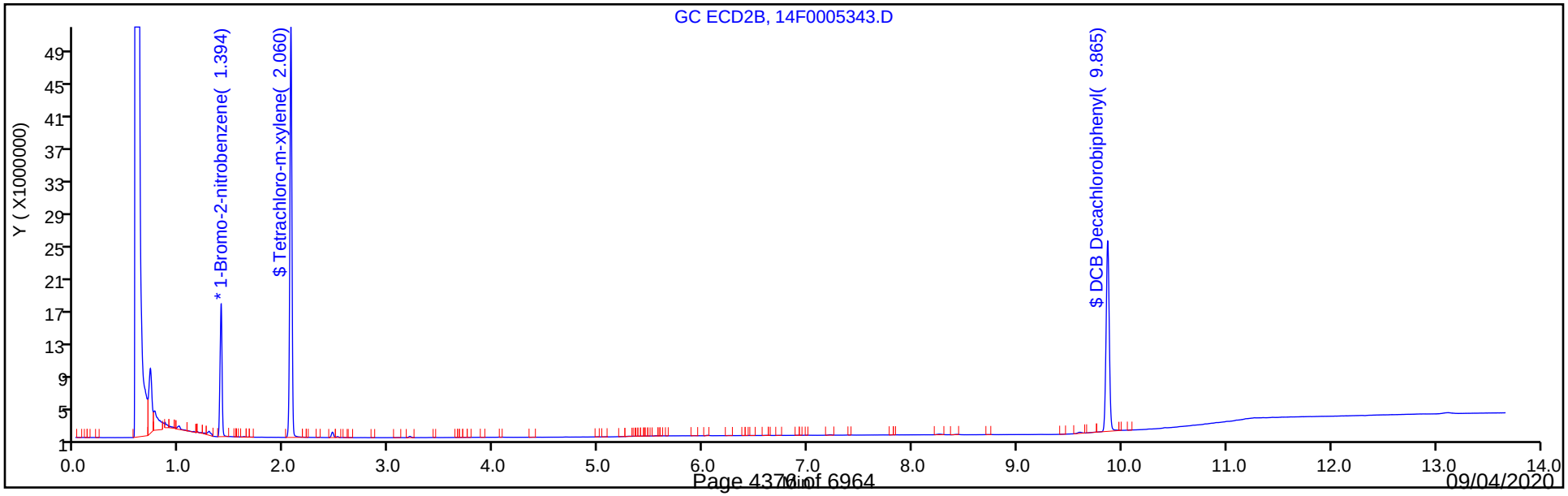
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005343.D

Injection Date:	29-Aug-2020 16:35:08	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-4-D	Lab Sample ID:	460-217009-4	Worklist Smp#:	24
Client ID:	SB-18_16-18_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	78
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: 14F0005344.D

Analysis Method: 8082A Date Collected: 08/27/2020 11:30

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0241(g) Date Analyzed: 08/29/2020 16:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		10-150
877-09-8	Tetrachloro-m-xylene	144		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005344.D
Lims ID: 460-217009-E-5-C
Client ID: SB-05_1-3_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:51:54 ALS Bottle#: 79 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-025
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.642	1.641	0.001	14440050	20.0	
2	1.394	1.393	0.001	20124062	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	56781172	72.2	
2	2.061	2.058	0.003	74104097	75.8	
					RPD = 4.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.961	10.983	-0.022	34103112	72.5	
2	9.865	9.863	0.002	53604148	75.7	
					RPD = 4.23	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

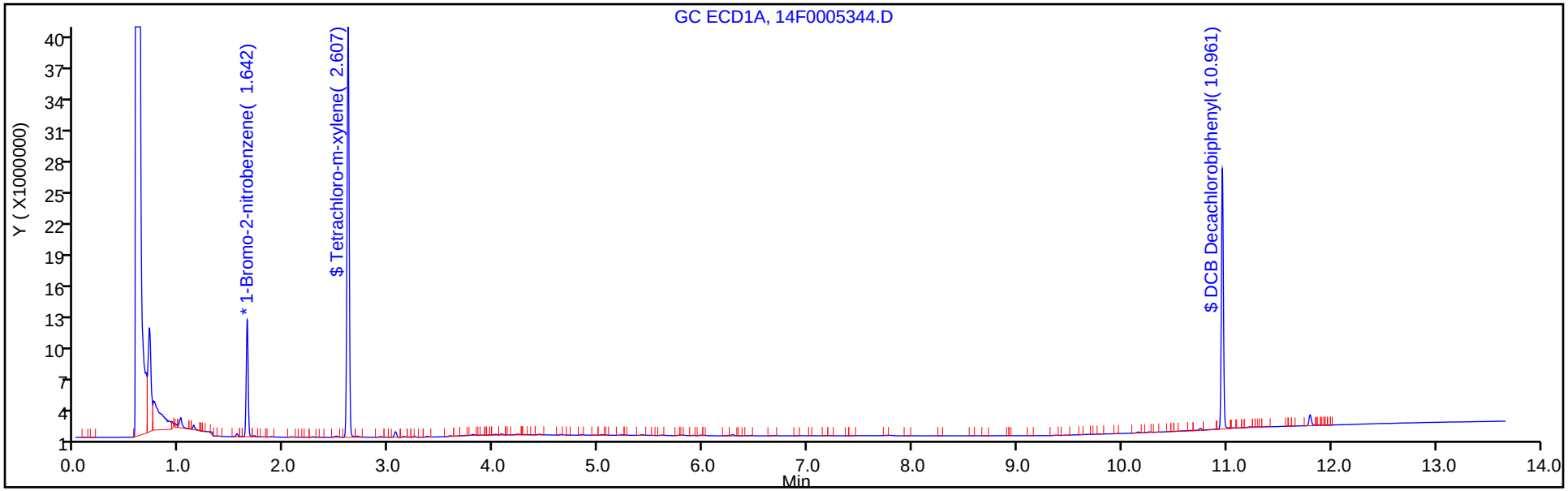
Report Date: 31-Aug-2020 09:27:39 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

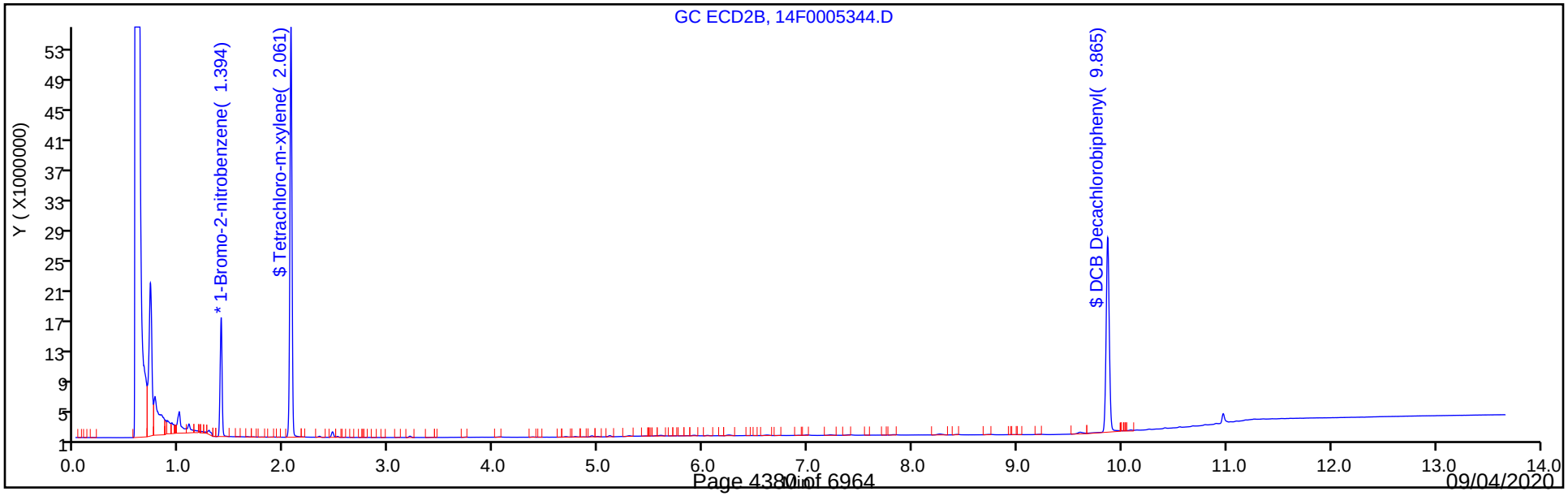
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005344.D

Injection Date:	29-Aug-2020 16:51:54	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-5-C	Lab Sample ID:	460-217009-5	Worklist Smp#:	25
Client ID:	SB-05_1-3_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	79
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-05_1-3_20200827 Lab Sample ID: 460-217009-5

Matrix: Solid Lab File ID: 14F0005344.D

Analysis Method: 8082A Date Collected: 08/27/2020 11:30

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0241(g) Date Analyzed: 08/29/2020 16:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0090	U	0.068	0.0090
11104-28-2	Aroclor 1221	0.0090	U	0.068	0.0090
11141-16-5	Aroclor 1232	0.0090	U	0.068	0.0090
53469-21-9	Aroclor 1242	0.0090	U	0.068	0.0090
12672-29-6	Aroclor 1248	0.0090	U	0.068	0.0090
11097-69-1	Aroclor 1254	0.0093	U	0.068	0.0093
11096-82-5	Aroclor 1260	0.0093	U	0.068	0.0093
37324-23-5	Aroclor-1262	0.0093	U	0.068	0.0093
11100-14-4	Aroclor 1268	0.0093	U	0.068	0.0093
1336-36-3	Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	151	X	10-150
877-09-8	Tetrachloro-m-xylene	152	X	58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005344.D
Lims ID: 460-217009-E-5-C
Client ID: SB-05_1-3_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 16:51:54 ALS Bottle#: 79 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-025
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.642	1.641	0.001	14440050	20.0	
2	1.394	1.393	0.001	20124062	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	56781172	72.2	
2	2.061	2.058	0.003	74104097	75.8	
					RPD = 4.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.961	10.983	-0.022	34103112	72.5	
2	9.865	9.863	0.002	53604148	75.7	
					RPD = 4.23	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

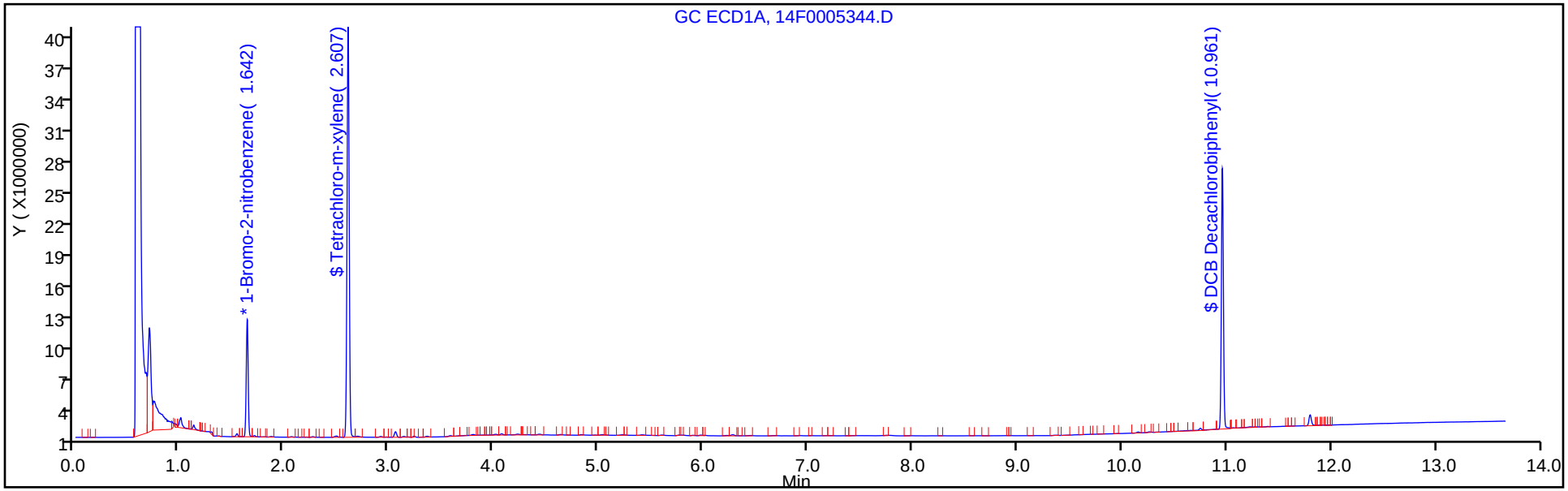
Report Date: 31-Aug-2020 09:27:39 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

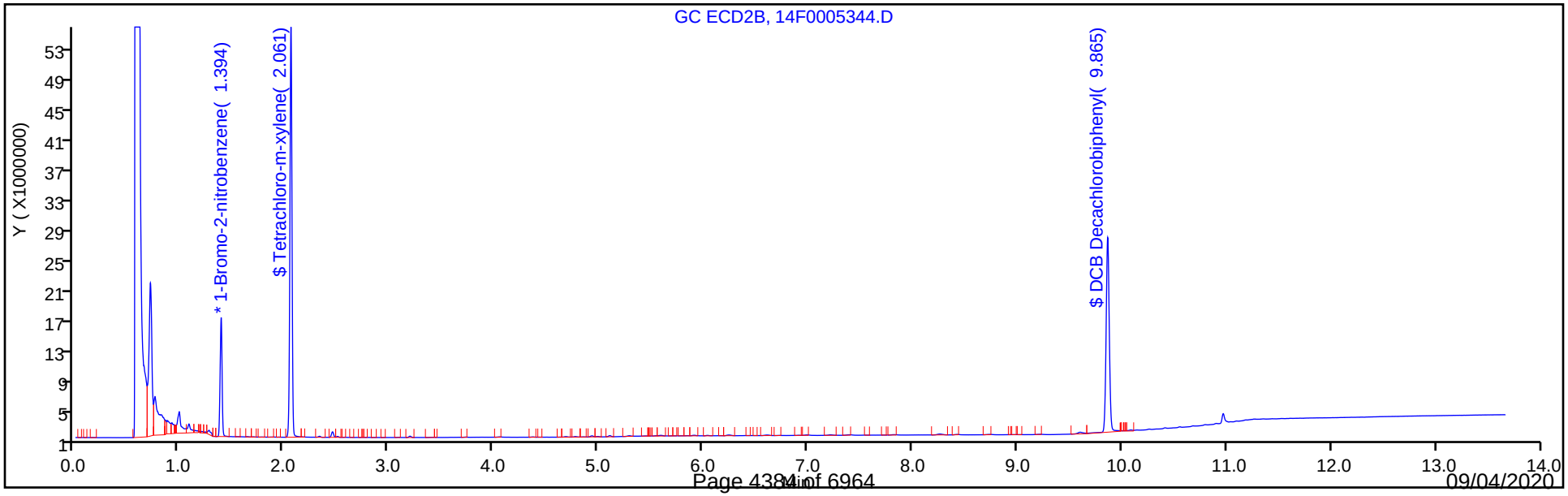
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005344.D

Injection Date:	29-Aug-2020 16:51:54	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-5-C	Lab Sample ID:	460-217009-5	Worklist Smp#:	25
Client ID:	SB-05_1-3_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	79
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: 14F0005345.D

Analysis Method: 8082A Date Collected: 08/27/2020 12:00

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0084(g) Date Analyzed: 08/29/2020 17:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		10-150
877-09-8	Tetrachloro-m-xylene	117		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005345.D
Lims ID: 460-217009-E-6-C
Client ID: SB-07_0-2_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 17:08:37 ALS Bottle#: 80 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-026
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.642	1.641	0.001	16525706	20.0	
2	1.393	1.393	0.000	23135579	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	52878506	58.7	
2	2.060	2.058	0.002	69246419	61.6	
					RPD = 4.77	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.968	10.983	-0.015	32020706	59.5	
2	9.866	9.863	0.003	49460425	60.7	
					RPD = 2.03	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

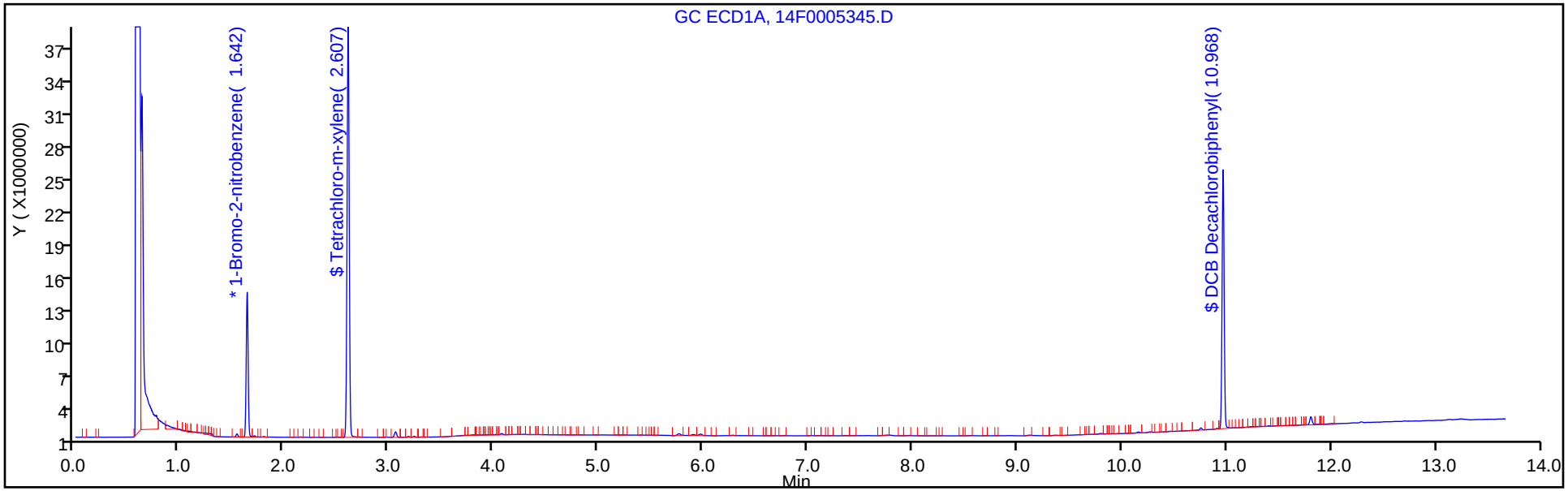
Report Date: 31-Aug-2020 09:27:41 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

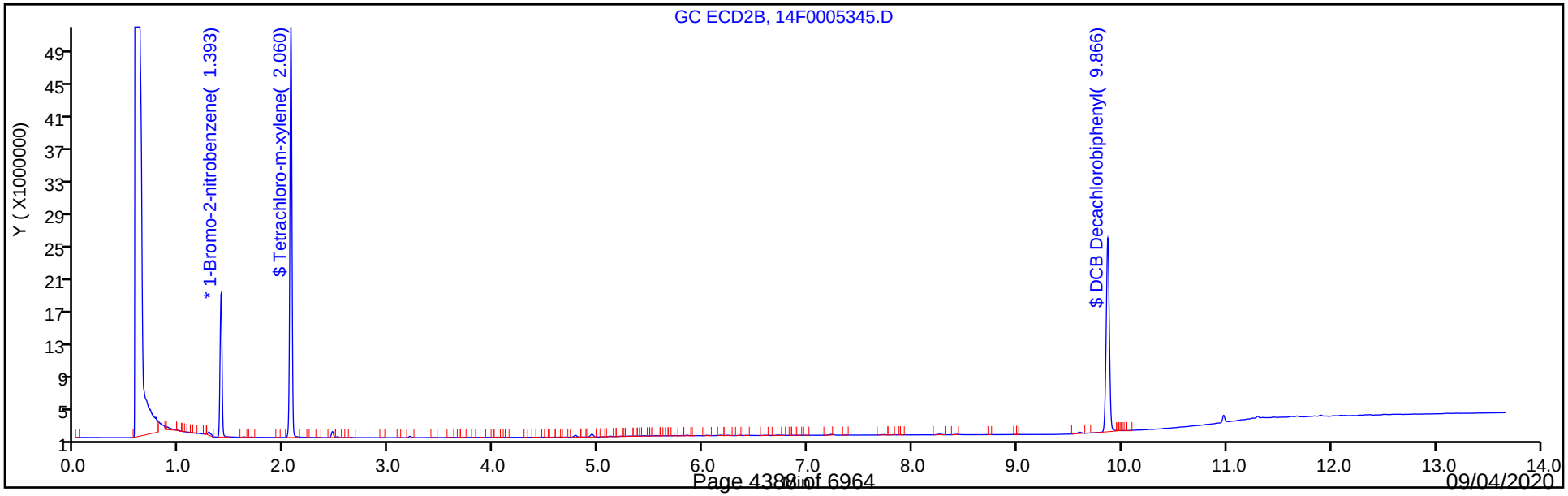
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005345.D

Injection Date:	29-Aug-2020 17:08:37	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-6-C	Lab Sample ID:	460-217009-6	Worklist Smp#:	26
Client ID:	SB-07_0-2_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_0-2_20200827 Lab Sample ID: 460-217009-6

Matrix: Solid Lab File ID: 14F0005345.D

Analysis Method: 8082A Date Collected: 08/27/2020 12:00

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0084(g) Date Analyzed: 08/29/2020 17:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.0090	U	0.068	0.0090
11104-28-2	Aroclor 1221	0.0090	U	0.068	0.0090
11141-16-5	Aroclor 1232	0.0090	U	0.068	0.0090
53469-21-9	Aroclor 1242	0.0090	U	0.068	0.0090
12672-29-6	Aroclor 1248	0.0090	U	0.068	0.0090
11097-69-1	Aroclor 1254	0.0093	U	0.068	0.0093
11096-82-5	Aroclor 1260	0.0093	U	0.068	0.0093
37324-23-5	Aroclor-1262	0.0093	U	0.068	0.0093
11100-14-4	Aroclor 1268	0.0093	U	0.068	0.0093
1336-36-3	Polychlorinated biphenyls, Total	0.0093	U	0.068	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		10-150
877-09-8	Tetrachloro-m-xylene	123		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005345.D
Lims ID: 460-217009-E-6-C
Client ID: SB-07_0-2_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 17:08:37 ALS Bottle#: 80 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-026
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.642	1.641	0.001	16525706	20.0	
2	1.393	1.393	0.000	23135579	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.607	2.603	0.004	52878506	58.7	
2	2.060	2.058	0.002	69246419	61.6	
					RPD = 4.77	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.968	10.983	-0.015	32020706	59.5	
2	9.866	9.863	0.003	49460425	60.7	
					RPD = 2.03	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

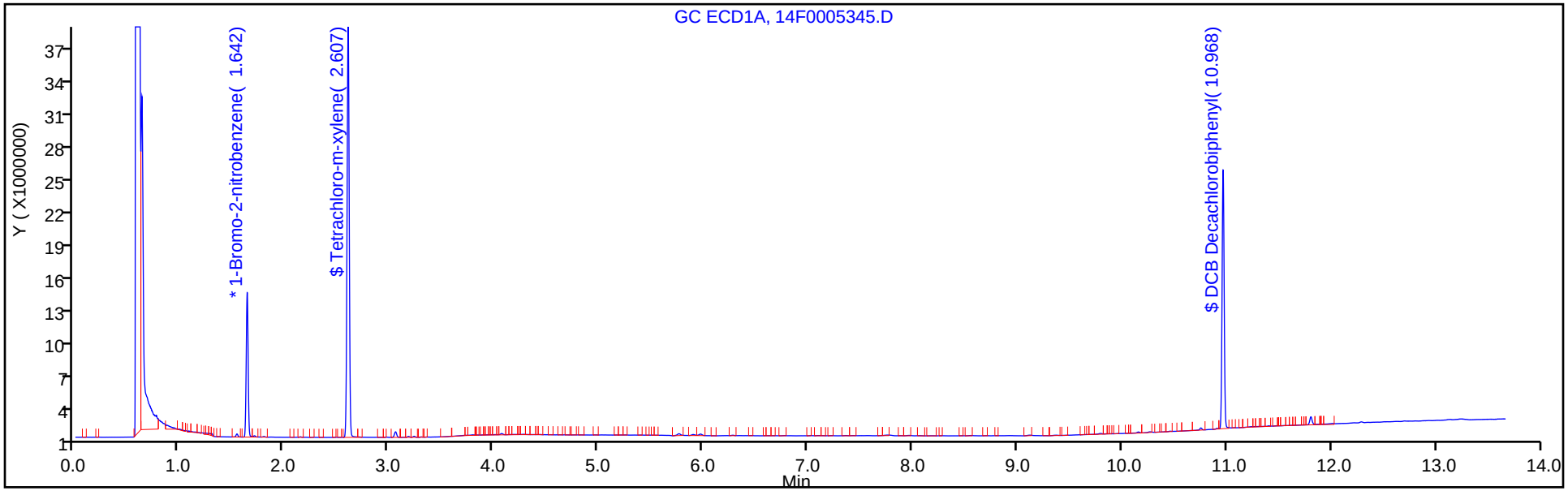
Report Date: 31-Aug-2020 09:27:41 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

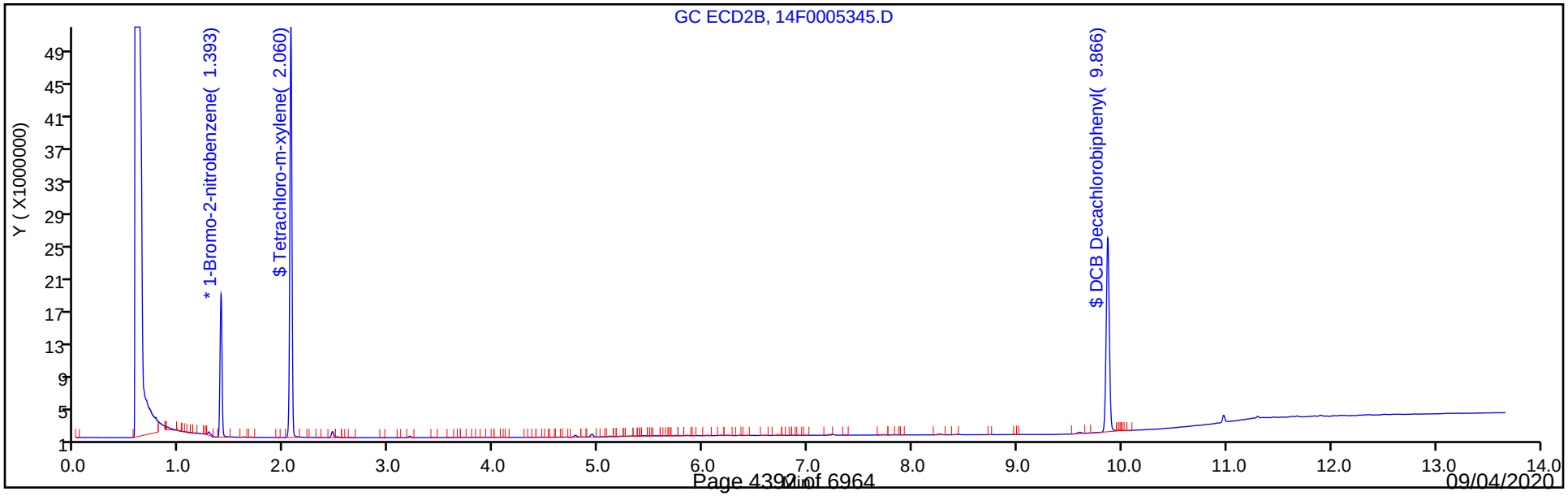
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005345.D

Injection Date:	29-Aug-2020 17:08:37	Instrument ID:	CPESTGC14	Operator ID:	
Lims ID:	460-217009-E-6-C	Lab Sample ID:	460-217009-6	Worklist Smp#:	26
Client ID:	SB-07_0-2_20200827				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	8082GC14	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216817-1

SDG No.:

Client Sample ID: SB-07_6-8_20200827 Lab Sample ID: 460-217009-7

Matrix: Solid Lab File ID: 14F0005346.D

Analysis Method: 8082A Date Collected: 08/27/2020 12:05

Extraction Method: 3546 Date Extracted: 08/28/2020 19:18

Sample wt/vol: 15.0002(g) Date Analyzed: 08/29/2020 17:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 0.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 720514 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	144		10-150
877-09-8	Tetrachloro-m-xylene	112		58-145

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\14F0005346.D
Lims ID: 460-217009-B-7-C
Client ID: SB-07_6-8_20200827
Sample Type: Client
Inject. Date: 29-Aug-2020 17:25:16 ALS Bottle#: 81 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0115969-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20200829-115969.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 31-Aug-2020 09:27:06 Calib Date: 28-Jul-2020 15:47:00
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20200728-114070.b\14F0004225.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1053

First Level Reviewer: patelji Date: 31-Aug-2020 09:25:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.641	0.003	12965728	20.0	
2	1.394	1.393	0.001	19291026	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.609	2.603	0.006	39500937	55.9	
2	2.061	2.058	0.003	54411319	58.0	
					RPD = 3.74	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.974	10.983	-0.009	30449456	72.1	
2	9.866	9.863	0.003	43671937	64.3	
					RPD = 11.46	

Reagents:

SGPCBISTD_00019 Amount Added: 20.00 Units: uL Run Reagent